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Parc naturel régional Causses du Quercy

GÉOTEC FRANCE

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ETUDE HYDROGEOLOGIQUE

DU CAUSSE DE SAINT CHELS

Opération de multi-traçage

2017/00351/TOULS

CAUSSE DE SAINT-CHELS

30 juillet 2018

GROUPE GÉOTEC
LA GÉOTECHNIQUE PARTENAIRE

ETUDE HYDROGEOLOGIQUE

DU CAUSSE DE SAINT CHELS

Opération de Multi-traçage

2017/00351/TOULS

CAUSSE DE SAINT-CHELS

30 juillet 2018

Référence : 17/00351/TOULS				**Etude hydrogéologique**		
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NB : l'indice le plus récent de la même mission, annule et remplace les indices précédents

SOMMAIRE

I - CADRE DE L'INTERVENTION 4
I.1 Intervenants 4
I.2 Projet et documents reçus et hypothèses 4
I.3 Missions 5

II - PRESENTATION DU SITE 7
II.1 Le site 7

III – CONTEXTE DETAILLE DU SITE 9
III.1 Contexte géologique 9
III.2 Contexte hydrogéologique 10
III.3 Hydrographie et hydrologie 10

IV – OPERATION DE MULTI-TRAÇAGE 12
IV.1 Recensement des sources 12
IV.2 Multi-traçage : phase de préparation 12
IV.3 Installation du matériel 23
IV.4 Réalisation des injections 28
IV.5 Suivi et maintenance 32

V – PHASE DE RESTITUTION 35
V.1 Traçage Perte de Font d'Alan – Captage de Bons 35
V.2 Traçage Doline de Carayac- Captage de Bons 42
V.3 Traçage igue du Mas de Pégourié – Source d'Ayrissac 48
V.4 Traçage igue de Toulze – Landenouze 53
V.5 Restitution de la Naphtionate 59
V.6 Suivis manuels 59

VI – SYNTHESE DES DONNEES 60

Conditions générales 64

Conditions générales (SUITE) 65

ANNEXES

- Annexe 1 : Pas de temps d'échantillonnage .....
- Annexe 2 : Résultats d'analyses en laboratoire des échantillons .....
- Annexe 3 : valeurs - fluorimètres .....
- Annexe 4 : Données de précipitations .....
- Annexe 5 : paramètres de transit .....
- Annexe 6 : calculs des paramètres de transit .....
- Annexe 7 : Coupes topographiques .....
- Annexe 8 : Carte des traçages du Causse de Saint-Chels .....
- Annexe 9 : Fiches traçages .....

I - CADRE DE L'INTERVENTION

I.1 Intervenants

A la demande et pour le compte du Parc Naturel Régional des Causses du Quercy (PNR), GEOTEC a réalisé la présente étude sur le Causse de Saint-Chels (Lot).

Sont notamment intervenus au cours de cette étude hydrogéologique :

- M. Le Maire de Cajarc (réunions en Mairie de Cajarc),
- PNR : Jérémie Choukroun, Sébastien Durand, Mathilde Lejeune,
- Département du Lot : Cyril Delporte ;
- Comité de spéléologie du Lot : Bernard Faure, Joël Trémoulet ;
- Atelier nature Hirondelle : Magali Constant ;
- Syndicat mixte du bassin de la Rance et du Célé/SAGE Célé : Joël Trémoulet ;
- Le SIAEP de Gréalou ;
- SYDED : Fabien Joly ;
- SAUR : Fabrice Pradines ;
- L'Agence de l'eau Adour-Garonne ;
- L'ARS ;
- Marcel Vedrune (agriculteur).

Ce travail a été réalisé en grande partie par Magali Françoise au cours de son stage de Master 2 « Surveillance et Gestion de l'Environnement » de l'Université Paul Sabatier, Toulouse III sur la période du 05 février au 05 août 2018.

I.2 Projet et documents reçus et hypothèses

Les documents suivants ont été mis à la disposition de GEOTEC :

Documents	***Emetteur***	***Date***	***Echelle***
Cahier des charges pour l'étude hydrogéologique	PNR	Janvier 2017	-
Extrait d'une carte hydrogéologique		1976	NON
Etude de la vulnérabilité des karsts du Quercy		Décembre 1984	-
Hydrogéologie du N-E du Causse de Saint-Chels, secteur Bullac, observations de terrain et synthèse		Mars 2005	-
Traçages hydrogéologiques – Causse de Saint-Chels-Gréalou		-	1/75000
Inventaire des sites potentiels de pollution de la qualité de l'eau du captage AEP de la source de Bullac		Septembre 2006	-

Documents	*Emetteur*	*Date*	*Echelle*
Etude hydrogéologique du Causse de Saint-Chels et état des lieux des réseaux de mesure de l'eau sur le territoire du PNRQC	PNR	Septembre 2015	-
Campagne de recensement des sources du causse de Saint-Chels – compte-rendu de la campagne en basses eaux	Atelier Nature Hirondelles	18 octobre 2017	-
Inventaire des sources de Saint-Chels 2017-2018		2018	-
Contribution à un inventaire spéléologique du département du Lot	CDS 46	2006	-
Contribution à un inventaire spéléologique du département du Lot – additif 2014		2014	-
Spéléoguide du Lot		2014	-

Le projet consiste en une opération de multi-traçage en milieu karstique.

Le site concerné par le projet est le Causse de Saint-Chels. Celui-ci est bordé par le Lot au Sud, le Célé au Nord et par la confluence des deux rivières à l'Ouest. Il est délimité à l'Est par les formations marneuses du Limargue. Ce projet concerne plus particulièrement les secteurs Centre et Est du Causse entre les villes de Cajarc et Boussac.

I.3 Missions

L'objectif principal de l'étude programmée en 3 phases est d'étudier les éléments permettant d'améliorer la sécurisation de la ressource en eau potable sur le Causse de St-Chels afin notamment :

- ✓ D'améliorer la connaissance globale des circulations d'eau souterraine ;
- ✓ D'analyser les risques (identification de sources de pollution, occupation des sols,...) ;
- ✓ D'évaluer et de cartographier la vulnérabilité du Causse de St-Chels.

Conformément à notre offre référencée 2017/00351/TOULS du 4 avril 2017 cette étude porte sur la réalisation du multi-traçage.

L'exploitation et l'utilisation de ce rapport doivent respecter les « Conditions générales » données en fin de rapport.

Figure 1 : Carte topographique de la zone d'étude (Géoportail)

II - PRESENTATION DU SITE

II.1 Le site

Le terrain étudié se situe au Sud-Ouest du Massif central, dans le département du Lot. Il est délimité au Sud par la vallée du Lot, au Nord par la vallée du Célé, à l'Ouest par la confluence entre le Lot et le Célé et à l'Est par les formations marneuses du Limargue. Il fait partie des 7 principaux Causses du Quercy avec :

- Le Causse de Padirac au Nord,
- le Causse de Gramat bordé au Nord par le Causse de Padirac et au Sud par le Causse de Saint-Chels,
- le Causse de Labastide-Murat à l'Ouest du Causse de Gramat,
- le Causse de Limogne au Sud du Causse de Saint-Chels,
- le Causse de Cahors se trouvant à l'Est du Causse de Limogne,
- Le Causse du Quercy Blanc bordé par le Causse de Cahors au Nord-Ouest et par le Causse de Limogne au Nord-Est.

Il s'agit d'un causse ayant une superficie d'environ 220 km² avec un pendage général des couches géologiques orienté vers le Sud-Ouest et avec une altitude moyenne de 320 m et culminant à 413 m au lieu-dit Les Garennes. Le Causse est principalement recouvert de forêts de chêne et de prairies sèches.

Figure 2 : Carte délimitant les principaux Causses du Quercy (PNR)

II.2 Programme d'étude

Ont été réalisées :

- Une recherche bibliographique et documentaire sur les études ayant déjà été menées sur ce secteur ;
- des expertises de terrain ainsi que des réunions préparatoires afin de définir les différents points d'injection et de restitution ;
- l'opération de multi-traçage qui a eu lieu du 26 avril au 26 juin 2018.

III – CONTEXTE DETAILLE DU SITE

III.1 Contexte géologique

Le causse de Saint-Chels est constitué d'une série sédimentaire datant du Jurassique allant des marnes du Toarcien (dernier étage du Lias) aux calcaires du Callovien (dernier étage du Dogger).

D'après la carte géologique du BRGM de FIGEAC au 1/50000ème (858N) et notre connaissance de ce secteur, la géologie stratigraphique est la suivante :

- Calcaires sublithographiques et calcaires fins du Callovien (notés J3a et J3b sur la carte) ;
- calcaires massifs plus ou moins recristallisés du Bathonien supérieur (noté J2c1 sur la carte) ;
- calcaires lacustres du Bathonien supérieur (noté J2c2 sur la carte) ;
- calcaire sublithographiques, lignites du Bathonien inférieur (noté J2a sur la carte) retrouvés principalement entre deux principales failles orientées Nord-Sud entre les villes de Boussac et Saint-Pierre-Toirac ;
- marnes du Toarcien inférieur, moyen et supérieur (noté I7-8 sur la carte) sur la limite Est du causse entre Frontenac et Figeac.

Figure 3 : Extrait de la carte géologique de Figeac au 1/50 000 °(Géoportail)

III.2 Contexte hydrogéologique

Le Quercy est essentiellement composé d'aquifères karstiques avec des écoulements souterrains à l'origine d'émergences karstiques.

Un aquifère mutli-couche scindé en trois principaux réservoirs est présent dans le Dogger au sein du Causse de Saint-Chels :

- Le réservoir inférieur, d'une épaisseur plus importante que les deux autres réservoirs, est situé entre l'Aalénien et le Bathonien inférieur. Les marnes imperméables du Toarcien limitent cet aquifère au mur. Il est limité au toit par les marnes du Bathonien ;
- le réservoir moyen se situe au niveau du Bathonien supérieur. Il est limité au mur par des calcaires et des marnes ligniteuses ;
- Le réservoir supérieur se situe entre le Bathonien terminal et le callovien. Les marnes lacustres du bathonien supérieur forment le mur de cet aquifère.

Il existe des échanges entre ces trois réservoirs dues aux discontinuités des limites imperméables formées par les marnes. De plus, la présence de failles au niveau du Causse favorise les intéractions entre ces réservoirs.

Figure 4 : Log stratigraphique des formations du Causse de Saint-Chels (PNR)

III.3 Hydrographie et hydrologie

Seules les rivières du Lot et du Célé s'écoulant respectivement en limite Sud et Nord du Causse en direction du Sud-Ouest présentent des écoulements pérennes dans le secteur.

Des traçages réalisés dans le secteur Nord-Est du Causse de Saint-Chels ont permis d'établir une première délimitation des bassins versants présumés de la zone.

Figure 5 : Bassins d'alimentation présumés (SYAEP de la vallée du Célé)

IV – OPERATION DE MULTI-TRAÇAGE

IV.1 Recensement des sources

Une première phase de recensement des sources et de mesures des débits a été réalisée en période de basses eaux durant l'automne 2017 et en hautes eaux en hiver 2018 par Magali Constant de *l'Atelier Nature Hirondelles*. Cette étape a consisté en une recherche la plus exhaustive possible des sources existantes au niveau du causse de Saint-Chels, à partir des cartes IGN, d'informations obtenues auprès des mairies ou de Particuliers. Elle a permis d'identifier les secteurs potentiels de restitution des traceurs sachant que la résurgence de Landenouze et le captage de Bons constituent des points prioritaires. En revanche, les points d'injection ont fait l'objet d'une recherche à la fois bibliographique (notamment auprès du CDS du Lot, des spéléologues et du CD46) et de terrain par GEOTEC. En effet, hormis la perte de Font d'Alan et l'Igue de Toulze identifiés comme points d'injection potentiels dès le début de l'étude, d'autres points étaient à trouver notamment en partie haute et médiane du causse.

IV.2 Multi-traçage : phase de préparation

IV.2.1 Identification et décision des points d'injection/restitution

Une première visite de site a eu lieu le 20 février 2018 avec Sébastien Durand, hydrogéologue du Parc et Cyril Delporte, hydrogéologue au Département. Cette visite a consisté à rechercher des points d'injections potentiels entre les bassins versants topographiques du Lot et du Célé. Ont été vues ce jour-là : la perte de Font d'Alan située à 2km au Sud de la commune de Béduer, une doline à proximité de la commune de Gréalou et la source d'Ussac à 3km au Nord-Est de la commune de Saint-Chels. Deux autres sources ont été recherchées mais non observées : la source de Cavarroc au Sud-Ouest de Carayac et la source de l'Hermiès à 1.5 km au Nord-Est de Cajarc.

D'autres visites de site, réalisées entre février et mars 2018 ont permis d'inclure de nouveaux points d'injections potentiels. Celles-ci ont eu lieu suite à une conversation avec Joël Trémoulet, président du comité départemental de spéléologie du Lot, qui nous a transmis les ouvrages d'inventaires spéléologiques du Lot. Ont ainsi été repérées : L'igue de Champ Naud et le filon de Gréalou situés respectivement à 1.2 km au Sud-Est et 1.0 km au Nord-Ouest de la commune de Gréalou, la phosphatière de Sainte-Néboule située à 3.6 km au Nord-Est de Gréalou. L'igue de Champ Naud et le filon de Gréalou étant proches de la limite topographique pouvaient permettre d'obtenir des informations particulièrement intéressantes sur les limites des deux principaux bassins versants topographiques (et potentiellement hydrogéologiques). Sainte-Néboule permettant d'améliorer les connaissances du côté du Célé.

Parmi les documents transmis par le PNR, figurait une ébauche de délimitation des bassins d'alimentation avec les dolines du secteur représentées dessus. L'ensemble de ces dolines ont été retranscrites sur la carte IGN au 1/50000e du secteur. Ce travail a permis de simplifier les recherches lors des visites de site.

Ainsi, suite à ces différentes visites, 5 points d'injection étaient projetés pour réaliser les injections : Les sources d'Ussac et de Font d'Alan, observées le 20 février 2018, l'igue de Champ Naud, le Filon de Gréalou et la phosphatière de Sainte-Néboule.

Suite à cela, il s'agissait de décider des points de suivi. Le contrat stipulait que six sources devaient être suivies notamment la résurgence de Landenouze (pour laquelle aucun traçage n'avait encore été réalisé) et les captages de Bons et de Montbrun. Lors des visites de terrain, trois autres sources de suivi ont été repérées : Le lavoir de Cadrieu, la source de Saint-Affre située en bordure de la D662 entre Montbrun et Larroque-Toirac et la source du château de Larroque-Toirac. Bien que seulement six points de suivi aient été demandés, trois autres sources ont été ajoutées à la liste du fait d'une possible injection à la phosphatière de Sainte-Néboule pouvant sortir au niveau du Célé : La source de Bual, la source de Pesquié et la source d'Ayrissac.

La figure suivante rappelle les points d'injections et points de suivis proposés au PNR.

Figure 6 : cartee de localisation des points d'injection et de suivi projetés initialement (photos : GEOTEC)

En mars 2018, une réunion a été organisée à la mairie de Cajarc entre les différents interlocuteurs afin de débattre des points d'injections et des sources à instrumenter. Elle comprenait Philipe Andlauer, directeur du PNR, Sébastien Durant, Cyril Delporte, Fabien Joly du SYDED, Jacques Borzo, maire de Cajarc, Jacques Durand, maire de Cadrieu et vice-président du SIAEP de Gréalou, Joël Trémoulet, directeur du syndicat de la Rance et du Célé et président du comité départemental de spéléologie, Magali Constant de *l'Atelier Nature Hirondelles.*

Au cours de cette réunion, le SYDED a demandé à ce qu'un autre point d'injection soit choisi : l'Igue de Toulze, situé au Nord-Est de Montbrun, du fait de sa proximité avec le captage de Landenouze (géré par le SYDED).

L'igue de Champ Naud, le filon de Gréalou la source d'Ussac et la perte de Font d'Alan (en option) ont été validées mais le Parc n'a pas souhaité réaliser d'injection au niveau de la phosphatière de Sainte-Néboule de par sa situation géographique trop au nord.

Le Département du Lot a, quant à lui, demandé à ce qu'un traçage soit opéré vers Carayac, entre l'Igue de Champ Naud et la perte de Font d'Alan afin de préciser les limites des bassins versants dans ce secteur. Il a été décidé de réaliser l'injection de Carayac dans une doline du fait de l'absence de pertes actives ou de cavités dans le secteur.

Du fait des limites budgétaires, il a finalement été décidé de n'instrumenter que 4 sources : Landenouze, Bons et Montbrun ainsi que la source d'Ayrissac dans le cas où le traceur injecté à la source d'Ussac sorte du côté du Célé. Le lavoir de Cadrieu, les sources de Saint-Affre, Bual et Pesquié étant prélevés manuellement régulièrement.

Ainsi, plusieurs décisions sont ressorties de cette réunion :

- Compléter des données de la phase 1 de recensement des sources et transmettre aux différentes communes concernées les fiches synthétiques des sources, par Magali Constant ;
- obtenir les autorisations des propriétaires concernant les points d'injections et de restitutions ;
- vérifier que les injections souhaitées soient réalisables et analyser les contraintes techniques.

Les coordonnées de Bernard Faure, spéléologue, ont été transmises à GEOTEC par Joël Trémoulet pour les injections de l'igue Champ Naud et du filon de Gréalou.

Suite à cela, GEOTEC a contacté Bernard Faure qui a fourni un profil topographique de l'igue de Champ Naud, du filon de Gréalou mais aussi de l'igue du Mas de Pégourié situé au Nord-Ouest de Gréalou. En effet selon lui, une injection à l'igue de Champ Naud était réalisable à condition d'ajouter suffisamment d'eau. Cependant, il lui semblait que l'injection au filon de Gréalou était peu envisageable.

Après discussion avec J. Choukroun et C. Delporte, il a été décidé de remplacer le filon de Gréalou par l'igue du mas de Pégourié.

Le Parc s'est occupé des autorisations concernant les points de restitution, l'igue de Toulze et la perte d'Ussac, GEOTEC s'est occupé des autorisations pour les autres points d'injection.

GEOTEC a réalisé des recherches pour trouver une doline proche de Carayac susceptible de permettre une injection. Plusieurs dolines ont été repérées notamment au lieu-dit Mareins en bordure de la D38 au sud de Carayac. Une autre doline a été repérée à Carayac à 200 m au Nord-Est du cimetière. Un apport d'eau important étant nécessaire, c'est cette dernière qui a été choisie, du fait d'un robinet présent à l'entrée du cimetière.

IV.2.2 Obtention des autorisations

Dans cet objectif, il a fallu se rendre sur le site internet cadastre.gouv afin d'obtenir les parcelles cadastrales correspondant aux différents sites. Une fois les numéros de parcelles obtenus, une demande a été faite auprès des mairies de Gréalou et de Carayac pour obtenir les coordonnées des propriétaires. Les périodes d'ouverture de certaines Mairies ont quelque peu compliqué la tâche.

Par ailleurs, il est arrivé que des propriétaires ne résident pas en France comme dans le cas d'une des deux dolines situées au sud de Carayac au lieu-dit Mareins, il a donc été impossible de contacter les propriétaires. Ainsi, l'autorisation pour l'injection à Carayac a certainement était la plus difficile à obtenir. En effet, une fois le choix définitivement porté sur la doline du cimetière, il a fallu obtenir l'adresse de la propriétaire dont la résidence principale se situe dans le Nord de la France.

Après plusieurs tentatives pour joindre la mairie de Carayac, GEOTEC a finalement obtenu l'adresse de la propriétaire ce qui a permis de remonter jusqu'à son numéro de téléphone. Une demande d'autorisation a été faite auprès de son frère. Une demande a été faite auprès du propriétaire de l'igue de Champ Naud qui a de suite accepté qu'une injection y soit réalisée.

B. Faure a transmis à GEOTEC les coordonnées d'un agriculteur susceptible de fournir de l'eau pour les injections. Après discussion avec cet agriculteur, celui-ci nous a fournis le contact d'un autre agriculteur de Gréalou possédant une cuve à eau de 5000 L : M. Vedrune qui a accepté de fournir de l'eau contre rémunération pour les injections à l'igue de Champ Naud et à l'igue du Mas de Pégourié.

. L'igue du Mas de Pégourié se situe sur la propriété de Mme La Maire de Montbrun, la demande d'autorisation a été faite par l'intermédiaire de Bernard Faure.

Ainsi, début avril, les autorisations ont été obtenues pour les points d'injections suivants : igue de Toulze, igue de Champs Naud, igue du Mas de Pégourié et doline de Carayac.

La perte de Font d'Alan, jusque-là en option a été validée par le PNR pour une injection. Une injection dans la perte avait déjà été réalisée en 2006 par le bureau d'étude Calligée afin de préciser les limites de protection du captage de Bullac (au nord-Ouest de Font d'Alan, en bordure du Célé). L'apparition du traceur au niveau du captage de Bons a été découverte par des riverains. Une fois informé de l'apparition du traceur, le bureau d'étude a pu réaliser des prélèvements, cependant ils n'ont pas pu obtenir une courbe de restitution complète. C'est pourquoi le PNR a demandé à ce qu'une nouvelle injection soit faite à Font d'Alan

La demande d'autorisation pour l'injection à Font d'Alan a été faite le 30 avril, 2 jours avant injection.

En résumé, la recherche puis la sélection des points d'injection, étape fondamentale d'un multi-traçage, a nécessité un délai et une durée de travail relativement importants. Ce travail qui a permis d'identifier les points a priori les plus favorables et les plus utiles a été mené en concertation étroite avec le PNR, le CD et avec l'aide indispensable des spéléologues.

Figure 7 : carte de localisation des points d'injection et des points de suivi instrumentés (photos : GEOTEC)

Figure 8 : carte de localisation des points de suivis manuels (photos : GEOTEC)

IV.2.3 Préparation du Matériel

IV.2.3.1 - Prêts par le PNR et le Département du Lot

Un préleveur automatique (permettant de prélever de manière autonome jusqu'à 24 échantillons d'eau différents au pas de temps voulu) a été prêté par le PNR pour toute la durée de l'opération.

25 kg d'Uranine en poudre ont été mis à disposition de GEOTEC par le PNR.

Deux fluorimètres ont été prêtés par le département du Lot : le 1er pour toute la durée du multi-traçage et le 2nd pour la période du 03 mai au 18 mai 2018.

Le fluorimètre permet de mesurer les concentrations en colorants en temps réel. Il est composé d'une sonde qui doit être immergée. Celle-ci possède une chambre optique où circule l'eau ainsi que 4 axes contenant des filtres d'excitation et d'émission de fluorescence qui vont lui permettre de mesurer jusqu'à trois traceurs mais aussi la turbidité. Un câble relie la sonde et l'acquisiteur qui stocke les données sur une carte Compact Flash.

Le département a aussi fourni un courantomètre permettant de mesurer les vitesses d'écoulement des cours d'eau.

IV.2.3.2 – Location auprès du CETRAHE

GEOTEC a passé commande auprès du CETRAHE, laboratoire d'Orléans spécialisé dans les traçages, pour la location de 3 préleveurs automatiques avec 3 batteries 12 Volts sur une période de deux mois, de 600 flacons en verre brun de 30 mL et de 50 fluocapteurs. La location des préleveurs incluait le prêt de crépines et des tuyaux d'aspiration qu'il a fallu, au préalable, dimensionner selon leur distance par rapport à la source équipée. Il s'agit de tuyaux de diamètre 9.5 mm. GEOTEC a aussi passé commande pour l'analyse des échantillons.

IV.2.3.3 - Location auprès d'EWTS

Un fluorimètre a été loué à Philippe Meus de EWTS, un laboratoire belge travaillant régulièrement en collaboration avec le CETRAHE. Celui-ci est télémétrique et fonctionne avec un datalogger permettant de consulter régulièrement les données enregistrées sur un serveur. Cet appareil nous informe aussi par SMS lorsqu'un certain seuil d'intensité défini au préalable est atteint.

IV.2.3.4 - Matériel appartenant à GEOTEC

GEOTEC disposait de 2 sondes TROLL programmées pour l'opération ainsi que de 2 batteries 12 Volts.

IV.2.3.5 - Achat des traceurs auprès d'Art E' Color

Les quatre traceurs utilisés, sont des colorants fluorescents (Uranine, Éosine, Sulforhodamine B et Naphtionate) dont le seuil de détection est particulièrement bas dans l'eau (de l'ordre de 0,001 µg/l pour l'Uranine, de 0.008 pour l'Éosine, de 0,01 µg/l pour la Sulforhodamine B et de 0.1 µg/l pour la Naphtionate). Les différentes caractéristiques de ces quatre colorants figurent dans le Tableau suivant.

Les traceurs ont été commandés sous forme liquide auprès de la société Art E' Color selon l'estimatif suivant :

- 4 kg d'Éosine soit 1 jerrican de 13.5 kg d'Éosine liquide (diluée à 30%) ;
- 4 kg de Sulforhodamine B soit 4 jerricans de 20 kg de Sulforhodamine B liquide (diluée à 5%) ;
- 10 kg de Naphtionate soit 2 jerricans de 25 kg de Naphtionate de sodium liquide (diluée à 20%).

IV.2.3.6 - Achat du « petit matériel »

Le matériel nécessaire aux injections a été acheté en magasin spécialisé : combinaisons jetables, gants, lunettes et masques de protection, sur-chaussures, ruban adhésif, sacs poubelles, essuie-tout, seau, poubelle et de la corde pour fixer les préleveurs par mesure de précaution ou pour les sondes à acquisition automatique installées à la résurgence de Landenouze.

Dans le cadre de l'injection dans la doline de Carayac, l'achat de 225 m de tuyau d'arrosage répartis en deux tuyaux de 100 m et un tuyau de 25 m ainsi que des raccords a été nécessaire afin d'utiliser l'eau provenant du robinet du cimetière voisin.

	Uranine	Sulforhodamine B	Éosine YB	Naphtionate
Formule brute	$C_{20}H_{10}Na_2O_5$	$C_{27}H_{30}N_2O_{7S2.}$ Na	$C_{20}H_6Br_4O_5$. 2Na	$C_{10}H_9NO_3S$. Na
Formule développée				
Classe	Xanthène ; colorant cationique (acide)	Xanthène ; colorant anionique	Xanthène	-
Couleur	Vert	Rouge/Violet	Rouge	Incolore
N° CAS	518-47-8	3520-42-1	17372-87-1	130-13-2
Limite de détection	Très bonne	Bonne	Très Bonne	Moyenne
Restitution traceur	Élevée	Moyenne	Bonne	Moyenne
Propriétés particulières	Peut être endommagée par des oxydants (par exemple : chlore, ozone)	-	Grande sensibilité à la lumière	Bruit de fond élevé à la mesure

Tableau 1 : Caractéristiques des colorants utilisés pour le traçage (Fiches techniques Art E' Color)

IV.3 Installation du matériel

IV.3.1 Résurgence de Landenouze

IV.3.1.1 – Installation du préleveur et des sondes

GEOTEC s'est rendu à la résurgence de Landenouze le 25 avril 2018 afin d'y placer un fluorimètre et un préleveur automatique. Cette résurgence se trouve en bordure de la D662 entre Cajarc et Cadrieu. Elle n'est pas visible depuis la route. Lorsque l'écoulement est suffisamment important, elle déborde dans un cours d'eau qui se jette dans le Lot.

A noter, le jour de l'installation, la présence d'une pancarte « accès privé » placée devant la résurgence ainsi que l'absence de l'échelle permettant aux spéléologues d'accéder à la vasque de la résurgence. Par ailleurs, le niveau d'eau se trouvait à plus de 4 m de profondeur par rapport à la paroi de la vasque, soit bien plus bas que lors des précédentes visites et aucun écoulement n'était visible.

Le préleveur a été programmé pour prélever un échantillon d'eau toutes les 24h à partir du 27 avril à 8h jusqu'au 02 mai.

Figures 9a et 9b : Résurgence de Landenouze le 24/02 et le 25/04 (photos : GEOTEC)

Le 02 mai, deux sondes d'acquisitions automatiques ont été installées afin d'évaluer les variations du niveau d'eau durant l'opération.

Figure 10 : sonde barométrique installée sur la paroi de la résurgence de Landenouze (photos : GEOTEC)

IV.3.1.2 – Installation du fluorimètre

Le fluorimètre a pu être installé sans problème au même endroit. Cependant, le 03 mai, le département a demandé à ce que le fluorimètre soit déplacé au niveau du forage de Landenouze, situé à « la fin du monde » à 500 m en amont de la résurgence afin d'éviter tout conflit avec le propriétaire de la résurgence. Le SYDED ayant autorisé l'installation du fluorimètre

La conductivité étant mesurée sur de l'eau brute s'écoulant dans un tuyau à l'extérieur de la station, il est possible d'y mesurer les concentrations en traceurs à l'aide du fluorimètre (impossibilité de mesurer sur une eau traitée car la chloration détruit les traceurs). Une bassine de 30 L a été installée à l'extrémité du tuyau. L'eau sortant du tuyau remplit la bassine puis déborde ce qui permet un écoulement. La sonde du fluorimètre a été placée dans la bassine afin de mesurer l'intensité de trois traceurs (Uranine, Sulforhodamine B et Tinopal). Selon les hypothèses émises, l'éosine était le seul traceur susceptible de ressortir. Le fluorimètre ne mesure pas la concentration en Éosine, cependant, ce traceur possède des spectres d'excitation et d'émission très proches de l'Uranine (490 nm et 515 nm pour l'Uranine et 512 nm et 537 nm pour l'Éosine). Ainsi, le fluorimètre pouvait, malgré tout, détecter la présence d'Éosine sur le canal dédié à l'Uranine.

L'acquisiteur a été placé sur le muret et attaché au grillage. Il a été programmé pour réaliser des mesures toutes les 15 minutes sur l'Uranine, la Sulforhodamine B, le Tinopal, la température, la conductivité et la turbidité.

Figure 11 : Fluorimètre installé au captage de Landenouze (photos : GEOTEC)

IV.3.2 Source de Montbrun

Le 25 avril, GEOTEC a équipé la source du Moulin de Montbrun sur les conseils de B. Faure. En effet, selon lui, la source de l'école qui devait être équipée en premier lieu présentait un niveau piézométrique relativement haut par rapport au fond de la vallée du Lot, c'est-à-dire, avec présence d'un risque de mélange avec des eaux superficielles. Il a conseillé la source du moulin à 350 m au Nord-Ouest de la source de l'école. Les autorisations ont été obtenues le jour même de l'installation auprès des propriétaires.

Cette source se situe entre les 2 premières maisons de la 1ère rue à droite de Montbrun après le camping en venant de Cajarc par la D662.

Le préleveur prêté par le PNR y a été installé et programmé pour prélever un échantillon d'eau toutes les 24h à partir du 27 avril à 8h jusqu'au 02 mai.

Figure 12 : Préleveur automatique prêté par le PNR installé à la source de Montbrun (Photos : GEOTEC)

IV.3.3 Source de Bons

IV.3.3.1 – Installation du préleveur

Le 26 avril, un préleveur a été installé au niveau du captage de Bons se situant au le lieu-dit de la Flèche, au bout d'un chemin à gauche en venant de Cajarc par la D662 juste avant d'atteindre la commune de Larroque-Toirac. Fabrice Pradines, exploitant pour la SAUR du captage et maire de la commune de Larroque-Toirac, nous a donné accès au puits de la station dans lequel le tuyau d'aspiration a été placé.

Le préleveur a été programmé pour prélever un échantillon d'eau toutes les 24h à partir du 27 avril à 8h jusqu'au 02 mai.

Figure 13 : préleveur automatique installé au captage de Bons (photos : GEOTEC)

IV.3.3.1 – Installation du Fluorimètre

Le fluorimètre télémétrique a été installé 50 m en aval, après la confluence entre les deux sources. Il a été programmé à distance par P. Meus afin de mesurer l'intensité du signal pour l'Uranine, la Sulforhodamine B, l'acide amino G et la turbidité toutes les 15 min. Par ailleurs, il a été programmé pour envoyer une alerte par SMS et réaliser des mesures toutes les 10 minutes lorsque l'appareil détecte des valeurs supérieures à 1.5 mV pour les canaux 1 et 3 et 3 mV pour le canal 2.

Figure 14a et 14b : sonde d'acquisition et antenne du fluorimètre télémétrique installés en aval de la confluence entre les sources de Bons « Haut » et Bons « bas » (photos : GEOTEC)

IV.3.4 Source d'Ayrissac

Le 26 avril, un préleveur a été installé au niveau du cours d'eau de la source d'Ayrissac se situant au lieu-dit Ayrissac.

Le préleveur a été programmé pour prélever un échantillon d'eau toutes les 24h à partir du 29 avril à 8h jusqu'au 03 mai.

Figure 15 : préleveur installé au niveau de la source d'Ayrissac (photos : GEOTEC)

IV.3.3 Source de Bual

Un 3ème fluorimètre a été placé à la source de Bual du 04 mai au 18 mai, dates auxquelles le conseil départemental du lot pouvait le prêter. La sonde a été placée à l'abri de la lumière, dans la source. L'acquisiteur a été placé à une vingtaine de mètre de la source, en hauteur en bord de sentier afin d'éviter qu'une montée du niveau d'eau n'endommage l'appareil. Il a été attaché à un arbre avec de la corde. Le pas de temps des mesures a été réglé sur 15 minutes entre chaque mesure.

IV.4 Réalisation des injections

IV.4.1 Injection – Doline de Carayac

La doline ne présentant pas d'indice de points d'infiltrations préférentielles, nous avons contacté le samedi 28 avril un agriculteur de la commune (conseillé par M. le Maire).

Figure 16 : localisation du point d'injection dans la doline de Carayac (X=566.934, Y=249.611, Z=355 m soit lat. en °déc : 44.5457433, long. : 1.9204255) (photo : GEOTEC)

GEOTEC a décidé d'injecter 10 kg d'Uranine dans cette doline le 30 avril 2018.

Sachant que la masse volumique de l'Uranine est d'environ 600 g/l, il fallait donc remplir les seaux avec 8.5 l d'Uranine pour 5kg d'Uranine. La dilution a été réalisée au lavoir de Calvignac afin de limiter toute contamination par l'Uranine. L'opération s'est révélée extrêmement délicate : il a fallu 5 heures pour remplir les 4 seaux d'environ 4 kg de traceur.

Le 30 avril, 225 m de tuyau d'irrigation ont été raccordés au robinet du cimetière voisin de la doline. Un test d'infiltration a été établi pendant une heure, entre 09h30 et 10h30, pour confirmer que l'eau s'infiltrait bien.

Suite à cela, 2 seaux d'Uranine ont été versés dans une poubelle de 80 L. Plusieurs litres d'eau ont été ajoutés au traceur afin d'obtenir une concentration d'environ 300g/l (dilution à 30 %). Le mélange s'est avéré difficile et de nombreux grumeaux se sont formés. L'eau s'infiltrait lentement et il a fallu 2 heures pour réussir à injecter les 8 kg de traceur dans la doline. L'infiltration du traceur s'est faite sur une surface de l'ordre de 3 m².

Pour permettre une bonne infiltration du traceur, nous avons laissé couler l'eau toute l'après-midi. Le débit s'écoulant du tuyau d'arrosage a été mesuré à environ 10 l/min, ainsi 4.5 m^3 d'eau ont été injectés pour faciliter l'arrivée du colorant.

Figure 17 : Injection de l'Uranine dans la doline de Carayac (photos : GEOTEC)

IV.4.2 Injection – Igue de Champ Naud

L'injection s'est déroulée le 30 avril vers 15h00 en présence du propriétaire, de l'agriculteur M. Vedrune et du spéléologue B. Faure qui est descendu dans l'Igue afin de confirmer que l'injection était toujours possible. 10 kg de Naphtionate ont été injectés en 5 minutes à 15h, puis 5000 l d'eau ont été déversés en 10 minutes. Par précaution, 5000 l d'eau supplémentaires ont été ajoutés le 04 mai.

Figure 18a et 18b : Injection de la Naphtionate dans l'Igue de Champ Naud (X=565.244, Y=247.916, Z=330 m soit lat. en °déc : 44.5304097 ; long. :1.8992708) (photos : GEOTEC)

IV.4.3 Injection – Perte de Font d'Alan

L'injection a eu lieu le 02 mai dans la matinée en présence du propriétaire du terrain : M. Labarthe. 4 kg de Sulforhodamine B ont été injectés en 5 minutes dans la perte active dont le débit était d'environ 10 l/min. Aucun apport d'eau n'a été nécessaire.

Figure 19 : Injection de la Sulforhodamine B dans la perte de Font d'Alan (X=569.166, Y=251.564, Z=310 m soit lat. en °déc: 44.5634180 ; long. :1.9483985) (photos : GEOTEC)

IV.4.4 Injection – Igue du Mas de Pégourié

Le 30 avril, plusieurs litres d'eau ont été versés dans les 2 seaux contenant chacun 4 kg de d'Uranine afin d'obtenir une dilution à plus ou moins 30%. Les seaux ont été laissés à l'abri pendant 2 jours afin de permettre une meilleure dilution que dans le cas de Carayac. Ainsi, lors de l'injection au Mas de Pégourié (X=562.291, Y=249.314, Z=307 m soit lat. : 44.548438 ; long. :1.8620163), aucun grumeau ne s'était formé.

Le 02 mai dans l'après-midi, l'injection des 8 kg d'Uranine diluée s'est faite en 5 minutes en présence de M. Vedrune et B. Faure. 5000 l d'eau ont été injectés le 02 mai puis 5000 l le 04 mai.

IV.4.5 Injection – Igue de Toulze

L'injection s'est déroulée Le 26 avril à 22h30 par les spéléologues du conseil départemental de spéléologie du Lot : Patricia Fabrizi et Guy Bariviéra (spéléo Club de Limogne), Jean-Luc Zinzer (Spéléo Club de St-Céré), Philippe Tissendier (Spéléo Club de Caniac du Causse) et Joël Trémoulet (Spéléo Club de Souillac). 4 kg d'Éosine diluée et 18 m^3 d'eau ont été injectés à 80 m de profondeur dans la dernière partie de la cavité.

Figure 20, 20b : injection de l'Éosine dans l'Igue de Toulze (X=564.286, Y=245.658, $Z_{entrée}$ =330 m, $Z_{injection}$ =250 m soit lat. en °déc : 44.5100417 ; long. :1.8873730) (Photo P.Tysssandier CDS Lot)

Le récapitulatif des injections figure dans le tableau suivant :

Igue de Toulze	Carayac	Igue de Champ Naud	Perte de Font d'Alan	Igue du Mas de Pégourié
				_
Le 26 avril, 22h30	Le 30 avril 2018, 10h45-12h45	Le 30 avril 2018, 15h00	Le 02 mai 2018, 10h	Le 02 mai 2018, 14h20
Éosine : 4 kg injectés	Uranine : 8kg injectés	Naphtionate : 10 kg injectés	Sulforhodamine B : 4kg injectés	Uranine : 8 kg injectés
18 m^3 d'eau injectés	4.5 m^3 d'eau injectés	10 m^3 d'eau injectés	_	10 m^3 d'eau injectés
Spéléologues du Lot : - Patricia FRABRIZI - Guy BARIVIERA - Jean-Luc ZINZNER - Philippe TISSENDIER - Joël TREMOULET	GEOTEC : - Solenne CLERGEAT - Magali FRANCOISE	GEOTEC : - Solenne CLERGEAT - Magali FRANCOISE Agriculteur : - Marcel VEDRUNE Spéléologue : - Bernard FAURE Les propriétaires de la parcelle	GEOTEC : - François AUROUX - Magali FRANCOISE Propriétaire de la parcelle : - Marc LABARTHE	GEOTEC : - François AUROUX - Magali FRANCOISE Agriculteur : - Marcel VEDRUNE Spéléologue : - Bernard FAURE

Tableau 2 : Récapitulatif des modalités d'injection (Photos P.Tysssandier CDS Lot (Igue de Toulze) et GEOTEC)

IV.5 Suivi et maintenance

Pendant une période d'un mois, un suivi régulier et journalier de chaque source a été établi : Vérification du bon fonctionnement du matériel, prélèvement des échantillons, observation des points de suivi…

IV.5.1 Préleveurs automatiques

Les échantillons prélevés automatiquement ont été retirés à chaque changement de pas de temps ou quand les 24 flacons du préleveur étaient remplis. Le programme d'échantillonnage de chaque préleveur figure en annexe 1.

Pour cela, le programme d'échantillonnage est mis en pause. L'appareil est ouvert pour avoir accès aux flacons. Le flacon n°1 est saisi en faisant attention de ne pas le tenir par l'intérieur (risque de contamination en cas de traceur présent sur une bouteille précédente ou de contamination des échantillons suivants). Un flacon de 30 ml et son bouchon sont remplis avec l'eau prélevée puis vidés deux à trois fois. Suite à cela, le flacon est de nouveau rempli puis refermé. Une étiquette indiquant le lieu, la date où l'appareil a prélevé l'échantillon, et le numéro de l'échantillon est appliquée sur le flacon qui est ensuite remis dans sa boite. Le flacon du préleveur est ensuite vidé complétement puis remis dans l'appareil. Cette opération est répétée pour tous les flacons remplis du préleveur, en respectant le sens de rotation de l'appareil. Enfin, l'appareil est refermé et le programme relancé. Les échantillons prélevés sont conservés à l'abri de la lumière (avant transmission au laboratoire d'analyses.

Figure 21a, 21b, 21c, 21d : prélèvement des échantillons du préleveur (photos : GEOTEC)

IV.5.2 Fluocapteurs

Les fluocapteurs sont composés de charbon actif ayant la particularité de fixer la matière organique et les composés fluorescents des traceurs. Des fluocapteurs ont été placés sur la période du 03 au 23 mai sur cinq sources différentes :

- Le lavoir de Cadrieu ;
- la source de l'école de Montbrun ;
- la source de Saint-Affre ;
- la source de Bual ;
- La source de Pesquié.

C'est fluocapteurs ont été changés tous les 2 jours pour chacune de ces sources.

Figure 22 : fluocapteur placé au niveau de la source de Saint-Affre (photo : GEOTEC)

IV.5.3 Prélèvements manuels

Des prélèvements manuels réguliers ont été effectués sur différentes sources. Avant les injections, des blancs ont été réalisés sur six sources :

- Le lavoir de Cadrieu ;
- La source de l'école de Montbrun ;
- la source de Saint-Affre ;
- la source de Bual ;
- la source de Pesquié ;
- la source de Lacaunhe.

Après les injections, des prélèvements ont été réalisés sur ces sources ainsi que la source de l'école de Montbrun tous les 4 jours sur la période du 05 au 25 mai. Après le 25 mai, des prélèvements ont eu lieu lors des visites sur site : les 01, 11, 22 et 26 juin.

La source de la Maléfie a été prélevée quand les conditions le permettaient (source régulièrement à sec).

Les flacons sont remplis directement à la source et envoyés au laboratoire après conservation à l'abri de la lumière.

IV.5.4 Fluorimètres

Le fluorimètre permet de mesurer les concentrations de trois colorants simultanément :

- Uranine, Sulforhodamine B et acide Amino G pour le fluorimètre loué à EWTS et pour le fluorimètre 373 prêté par le département et installé à Bual.
- Uranine, Sulforhodamine B et Tinopal pour le fluorimètre 178 prêté par le département et installé au captage de Landenouze.

Les données des fluorimètres fournis par le département étaient consultées régulièrement (tous les deux jours environs). Pour cela, le logiciel FLUO a été installé sur un ordinateur avec les fichiers de calibrations correspondant à chacun des deux fluorimètres. L'acquisition des données se fait après avoir éteint l'appareil et après avoir retiré la carte mémoire de l'appareil pour la brancher à l'ordinateur. Il est alors possible de lire, avec le logiciel, les concentrations des traceurs en fonctions du temps.

La consultation des données obtenues grâce au fluorimètre télémétrique se faisait tous les jours via le serveur tétraèdre.

V – PHASE DE RESTITUTION

V.1 Traçage Perte de Font d'Alan – Captage de Bons

V.1.1 Analyse de la restitution

Une opération de multi-traçage avait été réalisée en mars 2006 par le bureau d'étude CALIGEE. 4 kg de Sulforhodamine B avaient été injectés dans la perte de Font d'Alan et étaient apparus au captage de Bons, 2 jours après l'injection. En se basant sur ces informations, le préleveur installé sur site a été réglé pour prélever un échantillon toutes les 6h.

Le 03 mai vers 19h00 soit 32 heures après l'injection, le fluorimètre placé en aval de la confluence des deux sources a détecté l'arrivée du traceur. Le 04 mai, au cours de la tournée journalière, le cours d'eau provenant de la source située au niveau du captage apparaissait rose foncé. Ce n'était pas le cas de la source « haute » située au pied de la falaise.

Suite à cette observation, des prélèvements manuels ont été réalisés au niveau des sources à proximité : la source de Bons «haut » correspondant à la source située au niveau du cirque calcaire (« reculée »), la source de Larroque-Toirac (sous le du pont de Larroque-Toirac), la source de saint-Pierre-Toirac située au nord du village en bordure Est de la D18. Un prélèvement a aussi été réalisé au niveau de la confluence entre les deux sources du cirque de Bons.

Figure 23a et 23b : Avant et après la restitution de la Sulforhodamine B à Bons (photos : GEOTEC)

Les analyses réalisées par le laboratoire CETRAHE ont permis d'obtenir une courbe complète de la restitution de la Sulforhodamine B au niveau du captage.

Une première série d'échantillons envoyée au laboratoire a montré que la Sulforhodamine B était apparue au captage de Bons entre le 03 mai, 18h08 (résultat négatif) et le 04 mai, 00h08 (résultat positif avec une concentration mesurée de 834.336 µg/l). La Sulforhodamine B n'est plus détectée à partir de l'échantillon du 09 juin à 13h20 indiquant une durée de restitution de 38 jours.

Les analyses indiquent que la concentration en Sulforhodamine B a atteint son maximum moins de six heures après son arrivée à Bons. Six heures après le pic de concentration et donc moins de douze heure après la 1ère apparition, la concentration en Sulforhodamine B est divisée par 3.5 : elle passe à 237.034 µg/l.

L'ensemble des résultats d'analyse en laboratoire figure en annexe 2.

L'ensemble des valeurs brutes obtenues par les fluorimètres figure en annexe 3.

Figure 24 : Courbe de Restitution de la Sulforhodamine B au captage de Bons

A partir des prélèvements ponctuels réalisés au niveau du seuil (confluence) et avec l'appui d'EWTS (P. Meus), un calibrage des données du fluorimètre a pu être réalisé, ce qui a permis d'obtenir une courbe de restitution de la sulforhodamine B avec un intervalle de temps de 10 à 15 minutes.

Figure 25 : Courbe de Restitution de la Sulforhodamine B en aval de la confluence après calibrage des valeurs brutes (valeurs calculées à partir du fluorimètre)

Remarque : Ces concentrations calculées sont relativement cohérentes avec celles mesurées au niveau du captage nonobstant les conditions des prélèvements (directement dans le captage pour le préleveur et au niveau du seuil en aval de la confluence pour le fluorimètre).

V.1.2 Données météorologiques

Les mesures des précipitations des mois d'avril, mai et juin ont été collectées. La station de Gourdon à 45 km au Nord-Est de Cajarc est la plus proche du secteur. Les données pluviométriques de cette station ont été relevées sur le site de météofrance. Les pluviomètries des villes de Cajarc, Figeac et Cahors ont été étudiées à partir des données fournies par le site Accuweather. Les pluviomètries de ces quatres villes ont été comparées afin de vérifier la fiabilité des valeurs. Les données étant relativement synchrones, il a été décidé de conserver les données concernant Cajarc du fait de sa proximité avec les sources instrumentées. Au cours de cette opération, nous avons observé des variations des condtitions météorologiques avec de fortes précipitations allant jusqu'à 40 mm le 07 mai 2018.

L'ensemble des données pluviométriques figure en annexe 4.

Figure 26 : données pluviométriques de la ville de Cajarc pour les mois d'Avril, Mai et juin (Accuweather)

Figure 27 : Restitution de la Sulforhodamine B (calculé) en aval de la confluence en fonction de la pluviométrie

V.1.3 Calculs de paramètres

La courbe de restitution permet le calcul de différents paramètres permettant de mieux décrire la restitution et d'obtenir des renseignements sur la présence ou non d'autres exutoires ainsi que sur la structure karstique. Ainsi, il est possible de calculer le temps de 1ère apparition, le temps modal, les vitesses max. et modale ainsi que les dilutions minimale et unitaire. A l'exception des dilutions unitaire et minimale, certains paramètres ont été calculés en aval de la confluence, à l'emplacement du fluorimètre (mesure de débit). Des calculs complémentaires (pe : taux de restitution) dont les résultats présentent plus d'incertitudes sont présentés en annexe.

V.1.3.1 – Temps de 1ère apparition et vitesse max.

Le temps de 1ère apparition ou temps de transit minimum t_{min} correspond à la différence entre l'heure de l'injection et l'heure où a eu lieu la 1ère apparition du traceur. Dans ce cas-ci ; le traceur a été détecté, par analyses en laboratoire, à la source de Bons entre le 03 mai 18h08 et le 04 mai, 00h08.

Les données du fluorimètre indiquent qu'il serait arrivé en aval de la confluence, le 03 mai vers 19h30 soit 33.5 heures après injection soit un temps de transit de 1.4 jours.

Sachant que la distance droite La de la perte de Font d'Alan est de l'ordre de 5000 m, il est alors possible de calculer la vitesse max :

$$v_{max} = \frac{La}{Tmin}$$

Soit v_{max} compris de l'ordre de 150 m/h à la confluence.

V.1.3.2 – Temps modal et vitesse modale.

Le temps modal t_m correspond à la différence entre l'heure de l'injection et l'heure où le pic de concentration a été observé. La concentration max. était de 769.4 µg/l le 03 mai à 23h38 soit 37.63 heures après injection soit un temps modal de **1.6 jours.**

Connaissant le temps modal, il est alors possible de calculer la vitesse modale :

$v_m = \frac{La}{Tm}$ Soit **133 m/h.**

V.1.3.3 – Dilution unitaire et dilution minimale

Le calcul des dilutions est important pour réaliser des simulations de pollutions accidentelles Ces données permettent de calculer les concentrations maximales pouvant arriver au captage de Bons dans les mêmes conditions que le traceur. Ainsi, la dilution unitaire D_u et la dilution minimale D_m ont été calculées pour le captage de Bons :

- $D_m = \frac{Cmax}{Ci}$ avec Ci : la concentration initiale du traceur. Dans ce cas, Ci = 50g/l
- $D_u = \frac{Cmax}{Mi}$ avec Mi : la masse initiale de traceur injectée soit 4 000 g.

A noter que la Concentration initiale de traceur correspond à la concentration de Sulforhodamine B dans les jerricans après dilution des 4 kg de traceur par Art E' Color et ne prend pas en compte le débit de la perte.

Ainsi, La dilution minimale de la Sulforhodamine B pour ce traçage est de **$1.7*10^{-5}$** et la dilution unitaire est de **$2*10^{-7}$ l^{-1}**.

Le tableau suivant récapitule les paramètres caractérisant le traçage : *perte de Font d'Alan – Bons.*

t_{min}	v_{max}	t_m	v_m	D_u	D_m
1.4 j	150 m/h	1. 6 j	133 m/h	$2*10^{-7}$ L^{-1}.	$1.7*10^{-5}$

Pour rappel : les paramètres ont été calculés en aval de la confluence entre la source « basse » et la source « haute » de Bons à l'exception de la dilution unitaire et de la dilution minimale.

Sachant que les analyses concernant les sources de Bons « Haut », de Larroque-Toirac et de Saint-pierre-Toirac sont négatives, que la restitution a eu lieu très rapidement et très brièvement, on peut supposer que la source du captage de Bons correspond à un exutoire principal et que l'écoulement s'est effectué par un drain principal entre Font d'Alan et Bons.

Des mesures ponctuelles de débit au courantomètre ont eu lieu en aval de la confluence au droit du seuil ; les débits sont compris entre 60 et 150 l/s. Ces mesures ont permis le calcul d'autres paramètres de restitution figurant en annexe 5.

Les calculs ont été réalisés sur Excel. L'ensemble des données figure en annexe 6a.

V.2 Traçage Doline de Carayac- Captage de Bons

V.2.1 Analyse de la restitution

Le 10 mai vers 12h00, le fluorimètre placé à la confluence entre les deux sources a détecté l'arrivée de l'Uranine. Il s'agissait de l'Uranine injectée dans la doline de Carayac, le 30 avril.

Le 10 mai au soir, lors de la visite de site, le cours d'eau provenant de la source « haute » apparaissait vert. Celui-ci issu de la source située au niveau du captage semblait légèrement trouble.

Des prélèvements manuels ont été réalisés au niveau des sources à proximité : la source de Bons «haut » correspondant à la source située au niveau du cirque calcaire, la source de Larroque-Toirac (sous le du pont de Larroque-Toirac), la source de saint-Pierre-Toirac située au nord du village en bordure Est de la D18. Un prélèvement a aussi été réalisé au niveau de la confluence entre les deux sources du cirque de Bons.

Figure 28a et 28b : Avant et après la restitution d'Uranine à la source « haute » de Bons (photos : GEOTEC)

Les analyses réalisées par le laboratoire CETRAHE ont permis d'obtenir une courbe de restitution de l'Uranine.

L'analyse des échantillons envoyés au laboratoire a montré que l'Uranine était ressortie au cirque de Bons le 10 mai vers 12h08 (résultat positif très faible avec une concentration de 0.041 µg/l). Le dernier échantillon analysé datant du 25 juin à 13h20 montre une concentration en Uranine de 2.892 µg/l indiquant une durée de restitution d'au moins 46 jours.

Figure 29 : Courbe de restitution de l'Uranine au captage de Bons

Le fluorimètre installé en aval de la confluence a permis d'obtenir une courbe de restitution de l'Uranine pour un intervalle de temps de 10 à 15 minutes. (après calibrage).

Figure 30 : Courbe de Restitution de l'uranine en aval de la confluence après calibrage des valeurs brutes

V.2.2 Données météorologiques

Voir le paragraphe V.1.2

Figure 31 : Restitution de l'Uranine en aval de la confluence (après calibrage des valeurs brutes) en fonction de la pluviométrie

V.2.3 Calculs de paramètres

V.2.3.1 – Temps de 1ère apparition et vitesse max.

Les mêmes paramètres ont été calculés et ce, selon la même méthode de calcul. A l'exception des dilutions unitaire et minimale, l'ensemble des paramètres a été calculé en aval de la confluence, à l'emplacement du fluorimètre. Ainsi, l'injection s'étant déroulée le 30 avril à 10h45 et l'apparition du traceur ayant eu lieu le 11 mai à 02h58 en aval de la confluence selon le fluorimètre, le temps de transit minimum est de 256 heures soit 10.5 jours.

Sachant que la distance droite séparant la doline de Carayac du Cirque de Bons est de 3200 m, la vitesse max. est de 13 m/h.

V.2.3.2 – Temps modal et vitesse modale.

La concentration max. en Uranine a été de 176.8 µg/l en aval de la confluence le 13 mai à 16h28 soit après 317.5 heures (ou bien 13.2 jours) pour une vitesse modale 10 m/h.

V.2.3.3 – Dilution unitaire et dilution minimale

Les dilutions minimales et unitaires ont été calculées à partir de la concentration max. d'Uranine afin de connaître les concentrations max. de polluants pouvant arriver au captage de Bons dans les mêmes conditions que l'Uranine :

- $D_m = 3*10^{-7}$
- $D_u = 1*10^{-8}\ L^{-1}$

A noter que la dilution minimale a été calculée à partir d'une concentration initiale de 300 g/l, or la dilution de l'Uranine pour l'injection dans la doline de Carayac n'a pas permis d'obtenir une concentration initiale de 300 g/l précisément. Il faut donc tenir compte de l'incertitude sur la valeur de concentration initiale. Par ailleurs, le débit de l'eau injectée n'a pas été pris en compte.

Le tableau suivant récapitule les paramètres caractérisant le traçage : *Doline de Carayac – Captage de Bons*

t_{min}	v_{max}	t_m	v_m	D_u	D_m
10.5 j	13 m/h	13.2 j	10 m/h	$1*10^{-8}\ L^{-1}$.	$3*10^{-7}$

Pour rappel : les paramètres ont été calculés en aval de la confluence entre la source « basse » et la source « haute » de Bons à l'exception de la dilution unitaire et de la dilution minimale calculées pour le captage de Bons.

Les analyses concernant les sources de Larroque-Toirac et Saint-Pierre-Toirac sont revenues négatives pour la présence d'Uranine.

Les échantillons prélevés les 11 et 15 mai à la source « haute » de Bons et en aval de la confluence entre les deux sources sont revenus positifs à l'Uranine :

- 399.041 µg/l pour Bons « haut » le 11 mai à 19h,
- 415.616 µg/l pour Bons « haut » le 15 mai à 13h30,
- 20.239 µg/l en aval de la confluence le 11 mai à 19h15
- 85.525 µg/l en aval de la confluence le 15 mai à 12h05.

Un échantillon a été prélevé par le préleveur automatique le 11 mai à 18h08 pour une concentration de 12.565 µg/l, un autre a été prélevé le 15 mai à 12h08 pour une concentration de 47.61 µg/l. Ainsi, l'Uranine est apparue à la source « haute » de Bons pour des concentrations beaucoup plus importantes que pour la source située sous le captage.

Figure 32 : Restitution de l'Uranine aux sources « haute » et « basse » de Bons le 13 mai

Les analyses semblent indiquer que la restitution de l'Uranine n'a eu lieu qu'au niveau des sources « hautes » et « basses » de Bons avec une restitution prépondérante pour la source « haute ».

Par ailleurs, on observe une courbe de restitution à queue étirée avec plusieurs petits pics de concentration. Cela peut s'expliquer par le fait que l'injection a eu lieu dans une doline : une partie du traceur a pu rester dans la zone non saturée puis être entrainée par infiltration lors des précipitations ou lors d'une remontée du niveau de la nappe : les pics de la queue d'étirement correspondent à des périodes de précipitations à Cajarc : 31 mm le 28 mai, 19 mm le 05 juin et 11 mm le 6 juin.

Des mesures ponctuelles de débit ont eu lieu en aval de la confluence, à proximité du fluorimètre. Ces mesures ont permis le calcul d'autres paramètres de restitution figurant en annexe 5. Les calculs ont été réalisés sur Excel. L'ensemble des données figure en annexe 6a.

V.3 Traçage igue du Mas de Pégourié – Source d'Ayrissac

V.3.1 Analyse de la restitution

Le 21 mai vers 10h, lors de la visite de site, le cours d'eau apparaissait vert fluo indiquant l'apparition de l'Uranine injectée à l'Igue du Mas de Pégourié le 02 mai à 14h.

Des prélèvements manuels ont été réalisés au niveau de sources à proximité : La source de la Maléfie située à 1.7 km au Sud-Ouest de la source d'Ayrissac, les sources de Bual et Pesquié et la source de Saint-Prègne située à 1km au Sud-Ouest d'Ayrissac.

Figure 33a, 33b : Avant et après la restitution d'Uranine à la source d'Ayrissac (photos : GEOTEC)

Les analyses réalisées par le laboratoire CETRAHE ont permis d'obtenir une courbe complète de la restitution de l'Uranine. L'analyse des échantillons envoyés en laboratoire a montré que l'Uranine était ressortie à Ayrissac entre le 18 mai, 23h50 (résultat négatif) et le 19 mai, 11h50 (résultat positif avec une concentration de 0.139 µg/l). Le dernier échantillon analysé datant du 22 juin à 13h55 montre une concentration en Uranine de 1.9984 µg/l indiquant une durée de restitution d'au moins 34 jours.

Figure 34 : courbe de restitution de l'Uranine à la source d'Ayrissac

V.3.2 Données météorologiques

Voir le paragraphe V.1.2

Figure 35 : Restitution de l'Uranine à la source d'Ayrissac en fonction de la pluviométrie

V.3.3 Calculs de paramètres

V.3.3.1 – Temps de 1ère apparition et vitesse max.

Les mêmes paramètres ont été calculés et ce, selon la même méthode de calcul. Ainsi, l'injection s'étant déroulée le 02 mai à 14h et l'apparition du traceur ayant eu lieu le 19 mai vers midi selon les analyses, le temps de transit minimum est de 405 heures soit 16.9 jours.

Sachant que la distance apparente séparant l'Igue du Mas de Pégourié et la source d'Ayrissac est de 4000 m, la vitesse max. 9.86 m/h.

V.3.3.2 – Temps modal et vitesse modale.

La concentration max. en Uranine a été observée pour 116.155 µg/l le 22 mai à 11h30 soit après 477.5 heures (ou bien 19.9 jours) pour une vitesse modale 8.38 m/h.

V.3.3.3 – Dilution unitaire et dilution minimale

Les dilutions minimales et unitaires ont été calculées à partir de la concentration max. d'Uranine afin de connaître les concentrations max. de polluants pouvant arriver à la source d'Ayrissac dans les mêmes conditions que l'Uranine :

- $D_m = 4*10^{-7}$
- $D_u = 1.5*10^{-8}\ L^{-1}$

A noter que la dilution minimale a été calculée à partir d'une concentration initiale de 300 g/l, or la dilution de l'Uranine pour l'injection dans l'igue du Mas de Pégourié n'a pas permis d'obtenir une concentration initiale de 300 g/l précisément. Il faut donc tenir compte de l'incertitude sur la valeur de concentration initiale. Par ailleurs, le débit de l'eau injectée n'a pas été pris en compte.

Le tableau suivant récapitule les paramètres caractérisant le traçage : *igue du Mas de Pégourié – source d'Ayrissac.*

t_{min}	v_{max}	t_m	v_m	D_u	D_m
16.9 j	9.9 m/h	19.9 j	8.4 m/h	$1.5*10^{-8}\ L^{-1}$.	$3.9*10^{-7}$

Des mesures ponctuelles de débit ont eu lieu. Ces mesures ont permis le calcul d'autres paramètres de restitution figurant en annexe 5.

Les calculs ont été réalisés sur Excel. L'ensemble des données figure en annexe 6b.

Les analyses concernant les sources de la Maléfie, de Pesquié et de Saint-Prègne sont revenues négatives pour la présence d'Uranine.

Un échantillon est revenu positif pour la source de Bual : le prélèvement manuel du 18 mai à 8h15 avec une concentration de 0.266 µ/L. Cependant, il s'agit du seul échantillon revenu positif pour cette source et durant toute la durée de l'opération, aucun écoulement n'a été observé.

Par ailleurs, un fluorimètre avait était installé à Bual entre le 04 mai et le 18 mai. La dernière mesure date du 18 mai à 06h53 soit 1h20 avant le prélèvement.

L'ensemble des mesures établies par le fluorimètre a pu être interprété avec le logiciel FLUO. La figure suivante montre les résultats obtenus à Bons avec : en noir représentant la turbidité, en rose la température et en vert, la concentration en Uranine.

Seule la turbidité montre une variation en fonction du temps. Les valeurs brutes fournies par le fluorimètre indiquent que les concentrations mesurées en Uranine ne dépassent pas 0.04 µg/l et sont certainement dues à un bruit de fond.

Il est donc probable, que l'Uranine détectée dans l'échantillon du 18 mai soit due à une contamination lors du prélèvement.

Figure 36 : Restitution de l'Uranine par le fluorimètre installé à Bual, dernière mesure réalisée 1h20 avant le prélèvement

Les valeurs mesurées par le fluorimètre figurent en annexe 3.

Ainsi, l'Uranine semble être apparue uniquement au niveau de la source d'Ayrissac avec un taux de restitution élevé indiquant très probablement la présence d'un drain entre l'igue du Mas de Pégourié et la source d'Ayrissac. Pour rappel, l'igue du mas Pégourié est à une altitude de l'ordre de 300 m NGF et la source d'Ayrissac à environ 160 m NGF soit une différence altimétrique de 140 m. L'épaisseur de la zone non saturée serait donc supérieure à 140 m en l'absence de la connaissance du gradient hydrogéologique.

V.4 Traçage igue de Toulze – Landenouze

V.4.1 Analyse de la restitution

Durant toute la période du multi-traçage, aucune restitution visible n'a été observée lors des visites sur site que ce soit au captage ou à la résurgence de Landenouze

Les analyses ont cependant montré une restitution de l'Éosine à la résurgence de Landenouze entre le 24 mai à 11h20 (résultat négatif) et le 25 mai à 09h30 (résultat positif avec une concentration de 0.315 µg/l) soit 28.5 jours après l'injection. Le dernier échantillon analysé datant du 26 juin à 11h20 indique une concentration en Éosine de 1.2 µg/l indiquant une durée de restitution d'au moins 33 jours.

Les analyses des échantillons envoyés au laboratoire ont permis d'obtenir une courbe de restitution témoignant de plusieurs pics de concentrations. A noter que la présence d'Eosine à la résurgence de Landenouze a été confirmée par des spectres réalisés en laboratoire par le CETRAHE.

Figure 37 : Courbe de restitution de l'Éosine à la résurgence de Landenouze

Les données du fluorimètre placé au captage de Landenouze à *La fin du monde* ont été étudiées à l'aide du logiciel FLUO dans le but de vérifier s'il y a eu une restitution en éosine au niveau du forage.

Le fluorimètre possède des filtres d'excitation et d'émission de fluorescence pour l'Uranine, la Sulforhodamine B et le Tinopal. L'observation des mesures du fluorimètre indique des variations de d'intensité en Uranine à partir du 17 mai. L'observation de ces mesures par le logiciel FLUO indique des variations de la concentration en uranine à partir du 26 mai. L'Éosine ayant des spectres d'émission et d'excitation proches de ceux de l'Uranine, il est possible que ces variations en Uranine témoignent en réalité de la présence d'Éosine.

Pour confirmer qu'il s'agit bien d'Éosine et non pas d'un bruit de fond (concentrations faibles indiquées par le fluorimètre (1.32 µg/l) ; les résultats obtenus par le fluorimètre et ceux par analyses ont été comparés : 3 phases de restitution sont observées pour des périodes similaires.

- Une phase de restitution visible fin mai :
  - Captage de Landenouze : du 26 au 31 mai avec un pic de concentration de 0.57 µg/l le 27 mai à 16h33 ;
  - Résurgence de Landenouze : du 25 mai au 05 juin avec un pic de restitution de 3.386 µg/l le 29 mai à 11h20.
- Une phase de restitution visible début juin :
  - Captage de Landenouze : du 07 au 09 juin avec un pic de concentration de 1.32 µg/l le 08 juin à 11h43 ;
  - Résurgence de Landenouze : du 06 au 13 juin avec un pic de restitution de 5.723 µg/l le 08 juin à 11h20.
- Une phase de restitution visible début juin :
  - Captage de Landenouze : du 12 au 26 juin avec un pic de concentration de 0.88 µg/l le 21 juin à 11h41 ;
  - Résurgence de Landenouze : du 14 au 26 juin avec un pic de restitution de 2.473 µg/l le 22 juin à 11h20.

L'ensemble des données concernant la résurgence figure en annexe 6c.

Les valeurs du fluorimètre figurent en annexe 3.

Figure 38 : Courbe de restitution de l'Éosine à la résurgence de Landenouze (en rouge) et courbe d'intensité du signal en Uranine au captage de Landenouze (en violet)

D’après les analyses en laboratoire, la restitution de l’Éosine a eu lieu 28.5 jours après injection. La distance apparente entre l’igue de Toulze et la résurgence de Landenouze étant de 3 km, la vitesse max. de transit est donc de 4.4 m/h.

Les données du fluorimètre indiquent que l’Éosine est arrivée au captage de Landenouze le 26 mai vers 10h30 soit 29.5 jours après injection. La distance apparente entre l’igue de Toulze et le captage de Landenouze étant de 2.7 km, la vitesse max. de transit est donc de 3.8 m/h.

A noter cependant que le captage de Landenouze n’est en fonctionnement qu’une dizaine d’heure par jour. Lorsque le captage est à l’arrêt, aucun écoulement n’a lieu et le fluorimètre mesure des concentrations nulles. C’est pourquoi les valeurs de concentration du fluorimètre montrent de nombreuses fluctuations. Ainsi il est possible que l’Éosine soit apparue quelques heures plus tôt que ce qu’indiquent les données enregistrées.

L’ensemble des paramètres calculés pour chaque traçage figure en annexe 5.

V.4.2 Mesures de débits

Deux sondes TROLL ont été installées à la résurgence de Landenouze : une sonde immergée dans la vasque de résurgence à une profondeur de 6.3 m et une sonde barométrique placée à proximité du préleveur sur la paroi de la vasque. La sonde immergée permet la mesure de la pression atmosphérique additionnée à la pression exercée par la colonne d'eau. La sonde posée sur la paroi de la résurgence permet la mesure de la pression atmosphérique. La pression exercée par la colonne d'eau correspond donc à la différence entre la pression mesurée par la sonde immergée et la pression mesurée par la sonde placée sur la paroi.

L'utilisation de ces sondes permet la mesure des variations de hauteurs d'eau He dans la vasque :

$$He = \frac{\Delta P}{\rho g}$$

Où ΔP est la pression exercée par la colonne d'eau, ρ est la masse volumique de l'eau (997 kg/m^3) et g est l'accélération de pesanteur.

La surface de la vasque mesurée sur place est de l'ordre de 53 m², permettant à partir des variations de hauteur d'eau, de calculer les variations de volume d'eau avant débordement par le seuil (lieu des mesures de débits en phase 1 de l'étude).

On observe des variations des hauteurs d'eau entre le 16 mai et le 17 juin avec des valeurs liée à des précipitations plus importantes en mai (214 mm en mai contre 77 mm en avril et 134 mm en juin).

Avant les 16 mai, les hauteurs d'eau varient peu avec des valeurs comprises entre 1.85 m et 2.25 m de hauteur d'eau. Les faibles précipitations survenues en avril expliquent les faibles débits observés du 03 au 16 mai.

A partir du 16 mai, on remarque une hausse des hauteurs d'eau avec des fluctuations : les hauteurs d'eau varient de 2.15 m à 5.8 m. Cette hausse est liée à des précipitations plus importantes en mai.

A partir du 16 juin, les hauteurs d'eau diminuent progressivement semblant indiquer une phase de tarissement : une décroissance exponentielle du débit en l'absence de précipitations ou d'intervention humaine témoignant de la vidange de la nappe. En effet, à partir du 13 juin, aucune précipitation n'a été enregistrée à Cajarc.

La loi de Maillet permet de caractériser une dynamique de tarissement :

$$Q_t = Q_0 * e^{-\alpha t}$$

Où Q_0 est le débit initial de la phase de tarissement et α est le coefficient de tarissement de la nappe. Ce coefficient adimensionnel décrit la vitesse de vidange de la nappe et est comparable d'un bassin versant à l'autre. La loi de Maillet permet de calculer ce coefficient :

$$\alpha = \frac{ln(\frac{Q_t}{Q_0})}{t} \text{ Soit } \alpha = \frac{ln(\frac{H_t}{H_0})}{t}$$

Nous avons considéré que la phase de tarissement commençait au 16 juin pour une hauteur d'eau H_0 de 2.86 m. Le 26 juin, soit 10 jours après, une hauteur d'eau de 1.88 m a été enregistrée. Cela a permis de calculer un coefficient de tarissement de l'ordre $4.9*10^{-7}$. Ce coefficient permet de prévoir des hauteurs d'eau et des débits à l'étiage.

Figure 39 : Variation des hauteurs d'eau dans la vasque avec les précipitations

Figure 40 : Variation des volumes d'eau dans la vasque avec les précipitations

V.4.3 Corrélation précipitations - restitution

La restitution de l'éosine semble avoir eu lieu lors des précipitations survenues fin mai-début juin : un pic de précipitation a lieu du 28 au 31 mai soit lors de la 1ère phase de restitution. Un pic de précipitation a lieu du 04 au 07 juin, quelques jours avant la 2ème phase de restitution. Un dernier pic de précipitation a lieu du 10 au 12 juin, quelques jours avant le début de la 3ème phase de restitution.

Pour rappel, la présence d'Eosine à la résurgence de Landenouze a été confirmée par des spectres réalisés en laboratoire par le CETRAHE.

Figure 41 : Restitution de l'Éosine à la résurgence (rouge) et au captage (violet) de Landenouze en fonction des précipitations

Les analyses concernant les sources de Lacaunhe et de Cadrieu, la source de l'école de Montbrun et la source de Montbrun (instrumentée) sont revenues négatives. La restitution de l'Éosine ne semble avoir eu lieu qu'au captage et à la résurgence de Landenouze.

De nombreuses explorations ont été menées dans la résurgence par les spéléogues qui ont réalisé une coupe et un plan figurant en annexe 7.

Les explorations ont montré la présence d'un ressaut vertical au fond du bassin de la résurgence de Landenouze menant à une galerie à 9 m de profondeur par rapport au fond du bassin. Par ailleurs, plusieurs siphons existent pouvant expliquer la restitution de l'Éosine en plusieurs phases. Il est possible que le traceur soit resté piégé au niveau de ces siphons et ait été partiellement chassé lors des épisodes pluvieux du mois de mai.

V.5 Restitution de la Naphtionate

La Naphtionate a été recherchée sur plusieurs sites : le captage de Bons, la source de Montbrun, la source d'Ayrissac ; les sources de Bual, Pesquié, Saint-Affre et de l'école de Montbrun.

Toutes les analyses réalisées pour ce traceur sont revenues négatives. Il est probable que la Naphtionate se soit retrouvée piégée au niveau d'un siphon ou adsorbée et ne réapparaitra éventuellement que lors de précipitations importantes.

Il est aussi possible que le traceur ait emprunté un autre parcours pour apparaitre au niveau d'une résurgence non suivie.

La Naphtionate étant incolore, il est impossible, sans analyses, de connaître la raison précise de l'absence de restitution.

Enfin, il convient de rappeler que la différence altimétrique entre l'igue de Champ Naud et les sources suivies est de l'ordre de 160 m soit une hauteur de karst non saturée potentiellement de plusieurs centaines de mètres.

Par ailleurs, plusieurs semaines après l'injection, B. Faure a de nouveau exploré l'igue de Champ Naud. Il a remarqué que l'injection de 10 m^3 d'eau avait partiellement « bouché » l'Igue ce qui peut aussi expliquer le fait qu'il n'y ait pas eu de restitution.

V.6 Suivis manuels

Aucune analyse concernant les prélèvements manuels réguliers (sources de Bual, Pesquié, Saint-Affre, Cadrieu et école de Montbrun) n'a montré la présence d'un quelconque traceur à l'exception de l'échantillon du 18 mai à la source de Bual dû à une possible contamination lors du prélèvement.

L'ensemble des résultats d'analyses figure en annexe 2.

VI – SYNTHESE DES DONNEES

Les principaux éléments et enseignements issus de ce multi traçage sont les suivants :

- Restitution de 4 traceurs sur les 5 injectés ;
- Restitution de la Sulforhodamine B injectée dans la perte de Font d'Alan à la source « basse » de Bons le 03 mai, 1.3 jours après injection. L'essentiel de la restitution a eu lieu en 3 jours indiquant des vitesses d'écoulement relativement importantes. Le traceur n'a été retrouvé sur aucune autre source ;
- Restitution de l'Uranine injectée dans la doline de Carayac à la source « basse » et à la source « haute » de Bons le 10 mai, 10 jours après injection. Lors des dernières analyses, l'Uranine était toujours présente au captage de Bons indiquant une durée de restitution d'au moins 46 jours. Les concentrations mesurées sont *relativement plus importantes* pour la source « haute ». Le traceur n'a été retrouvé pour aucune autre source ; il existe probablement des circulations entre la source haute et la source basse captée
- Restitution de l'Uranine injectée dans l'igue du Mas de Pégourié à la source d'Ayrissac le 21 mai, 16.9 jours après injection. Lors des dernières analyses, l'Uranine était toujours présente indiquant une durée de restitution d'au moins 34 jours. Le traceur n'a été retrouvé sur aucune autre source ;
- Restitution de l'Éosine injectée dans l'igue de Toulze à la résurgence et au captage de Landenouze le 24 mai, 29 jours après injection. Lors des dernières analyses, l'Éosine était toujours présente indiquant une durée de restitution d'au moins 33 jours. Les concentrations mesurées sont plus importantes pour la résurgence. L'Éosine est apparue en plusieurs phases laissant supposer que le traceur s'est retrouvé piégé au niveau de Siphons. Le traceur n'a été retrouvé sur aucune autre source ;
- Aucune restitution n'a pu être observée pour la Naphtionate injectée à l'igue de Champ Naud.
- Aucun traceur n'a été détecté pour les sources suivies manuellement.

La figure suivante rappelle l'ensemble des traçages réalisés dans la partie Est du Causse de Saint-Chels.

La figure 43 permet de comparer les 4 restitutions. Les concentrations ont été normées à partir des masses injectées de traceur. ($Cn = C/Mi$)

Le tableau en page 65 rappelle les modalités d'injection et de suivi des traçages ainsi que les paramètres obtenus.

La carte de l'ensemble des traçages réalisés dans la partie Est du Causse de Saint-Chels figure en annexe 8.

Pour chaque traçage, une fiche traçage a été créée. L'ensemble des fiches traçage figure en annexe 9.

Points de restitution

Villages

Points d'injection—traçages 2018

Points d'injection pour d'anciens traçages

Traçages 2018

Anciens traçages

Figure 42 : ensemble des traçages réalisés dans la partie Est du Causse de Saint-Chels.

Figure 43 : courbes de restitution normées des 4 traçages

Traçage	Traceur utilisé	Masse injectée	Date d'injection	Volume d'eau injectée	Période de suivi	Mode de suivi	Fréquence d'échantillonnage	Paramètres calculés
Perte active de font d'Alan – Captage de Bons	Sulforhodamine B	4 kg	02 mai 2018	-	29 avril– 26 juin	Préleveur automatique + fluorimètre	*Préleveur :* 29.04 – 02.05 : 1éch./24h 02.05 – 25.05 : 1éch./6h 25.05 – 22.06 : 1éch./12h 22.06 – 26.06 : 1éch./24h *Fluorimètre :* 1 mesure/15min	, t_{min}, v_{max}, t_m, v_m, D_u, D_m
Doline de Carayac – Captage de Bons	Uranine	8 kg	30 avril 2018	4.5 m^3				
Igue du Mas de Pégourié – Source d'Ayrissac	Uranine	8 kg	02 mai 2018	10 m^3	27 avril – 26 juin	Préleveur automatique	27.04 – 03.05 : 1éch./24h 03.05 – 21.05 : 1éch./12h 22.05 – 25.05 : 1éch./6h 25.05-01.06 : 1éch./8h 01.06 – 18.06 : 1éch./12h 22.06 – 26.06 : 1éch./24h	
Igue de Toulze – Résurgence de Landenouze	Eosine	4 kg	26 avril 2018	18 m^3	27 avril – 26 juin	Préleveur automatique	27.04 – 02.05 : 1éch./24h 02.05 – 21.06 : 1éch./12h 22.06 – 26.06 : 1éch./24h	t_{min}, v_{max}
Igue de Toulze – Captage de Landenouze					03 mai – 26 juin	Fluorimètre	1 mesure/15min	

Tableau : Modalités d'injection et de suivi des traçages ainsi que les paramètres obtenus.

CONDITIONS GENERALES

1. Avertissement, préambule

Toute commande et ses avenants éventuels impliquent de la part du cocontractant, ci-après dénommé « le Client », signataire du contrat et des avenants, acceptation sans réserve des présentes conditions générales.

Les présentes conditions générales prévalent sur toutes autres, sauf conditions particulières contenues dans le devis ou dérogation formelle et explicite. Toute modification de la commande ne peut être considérée comme acceptée qu'après accord écrit du Prestataire.

2. Déclarations obligatoires à la charge du Client, (DT, DICT, ouvrages exécutés)

Dans tous les cas, la responsabilité du Prestataire ne saurait être engagée en cas de dommages à des ouvrages publics ou privés (en particulier, ouvrages enterrés et canalisations) dont la présence et l'emplacement précis ne lui auraient pas été signalés par écrit préalablement à sa mission.

Conformément au décret n° 2011-1241 du 5 octobre 2011 relatif à l'exécution de travaux à proximité de certains ouvrages souterrains, aériens ou subaquatiques de transport ou de distribution, le Client doit fournir, à sa charge et sous sa responsabilité, l'implantation des réseaux privés, la liste et l'adresse des exploitants des réseaux publics à proximité des travaux, les plans, informations et résultats des investigations complémentaires consécutifs à sa Déclaration de projet de Travaux (DT). Ces informations sont indispensables pour permettre les éventuelles DICT (le délai de réponse est de 15 jours) et pour connaitre l'environnement du projet. En cas d'incertitude ou de complexité pour la localisation des réseaux sur domaine public, il pourra être nécessaire de faire réaliser, à la charge du Client, des fouilles manuelles pour les repérer. Les conséquences et la responsabilité de toute détérioration de ces réseaux par suite d'une mauvaise communication sont à la charge exclusive du Client.

Conformément à l'art L 411-1 du code minier, le Client s'engage à déclarer à la DREAL tout forage réalisé de plus de 10 m de profondeur. De même, conformément à l'article R 214-1 du code de l'environnement, le Client s'engage à déclarer auprès de la DDT du lieu des travaux les sondages et forages destinés à la recherche, à la surveillance ou au prélèvement d'eaux souterraines (piézomètres notamment).

3. Cadre de la mission, objet et nature des prestations, prestations exclues, limites de la mission

Le terme « prestation » désigne exclusivement les prestations énumérées dans le devis du Prestataire. Toute prestation différente de celles prévues fera l'objet d'un prix nouveau à négocier. Il est entendu que le Prestataire s'engage à procéder selon les moyens actuels de son art, à des recherches consciencieuses et à fournir les indications qu'on peut en attendre. Son obligation est une obligation de moyen et non de résultat au sens de la jurisprudence actuelle des tribunaux. Le Prestataire réalise la mission dans les strictes limites de sa définition donnée dans son offre (validité limitée à trois mois à compter de la date de son établissement), confirmée par le bon de commande ou un contrat signé du Client.

La mission et les investigations éventuelles sont strictement GEOTEChniques et n'abordent pas le contexte environnemental. Seule une étude environnementale spécifique comprenant des investigations adaptées permettra de détecter une éventuelle contamination des sols et/ou des eaux souterraines.

Le Prestataire n'est solidaire d'aucun autre intervenant sauf si la solidarité est explicitement convenue dans le devis ; dans ce cas, la solidarité ne s'exerce que sur la durée de la mission.

Par référence à la norme NF P 94-500, il appartient au maître d'ouvrage, au maître d'œuvre ou à toute entreprise de faire réaliser impérativement par des ingénieries compétentes chacune des missions GEOTEChniques (successivement G1, G2, G3 et G4 et les investigations associées) pour suivre toutes les étapes d'élaboration et d'exécution du projet. Si la mission d'investigations est commandée seule, elle est limitée à l'exécution matérielle de sondages et à l'établissement d'un compte rendu factuel sans interprétation et elle exclut toute activité d'étude ou de conseil. La mission de diagnostic GEOTEChnique G5 engage le GEOTEChnicien uniquement dans le cadre strict des objectifs ponctuels fixés et acceptés.

Si le Prestataire déclare être titulaire de la certification ISO 9001, le Client agit de telle sorte que le Prestataire puisse respecter les dispositions de son système qualité dans la réalisation de sa mission.

4. Plans et documents contractuels

Le Prestataire réalise la mission conformément à la réglementation en vigueur lors de son offre, sur la base des données communiquées par le Client. Le Client est seul responsable de l'exactitude de ces données. En cas d'absence de transmission ou d'erreur sur ces données, le Prestataire est exonéré de toute responsabilité.

5. Limites d'engagement sur les délais

Sauf indication contraire précise, les estimations de délais d'intervention et d'exécution données aux termes du devis ne sauraient engager le Prestataire. Sauf stipulation contraire, il ne sera pas appliqué de pénalités de retard et si tel devait être le cas elles seraient plafonnées à 5% de la commande. En toute hypothèse, la responsabilité du Prestataire est dégagée de plein droit en cas d'insuffisance des informations fournies par le Client ou si le Client n'a pas respecté ses obligations, en cas de force majeure ou d'événements imprévisibles (notamment la rencontre de sols inattendus, la survenance de circonstances naturelles exceptionnelles) et de manière générale en cas d'événement extérieur au Prestataire modifiant les conditions d'exécution des prestations objet de la commande ou les rendant impossibles.

Le Prestataire n'est pas responsable des délais de fabrication ou d'approvisionnement de fournitures lorsqu'elles font l'objet d'un contrat de négoce passé par le Client ou le Prestataire avec un autre Prestataire.

6. Formalités, autorisations et obligations d'information, accès, dégâts aux ouvrages et cultures

Toutes les démarches et formalités administratives ou autres, en particulier l'obtention de l'autorisation de pénétrer sur les lieux pour effectuer des prestations de la mission sont à la charge du Client. Le Client se charge d'une part d'obtenir et communiquer les autorisations requises pour l'accès du personnel et des matériels nécessaires au Prestataire en toute sécurité dans l'enceinte des propriétés privées ou sur le domaine public, d'autre part de fournir tous les documents relatifs aux dangers et aux risques cachés, notamment ceux liés aux réseaux, aux obstacles enterrés et à la pollution des sols et des nappes. Le Client s'engage à communiquer les règles pratiques que les intervenants doivent respecter en matière de santé, sécurité et respect de l'environnement : il assure en tant que de besoin la formation du personnel, notamment celui du Prestataire, entrant dans ces domaines, préalablement à l'exécution de la mission. Le Client sera tenu responsable de tout dommage corporel, matériel ou immatériel dû à une spécificité du site connue de lui et non clairement indiquée au Prestataire avant toutes interventions.

Sauf spécifications particulières, les travaux permettant l'accessibilité aux points de sondages ou d'essais et l'aménagement des plates-formes ou grutage nécessaires aux matériels utilisés sont à la charge du Client.

Les investigations peuvent entraîner d'inévitables dommages sur le site, en particulier sur la végétation, les cultures et les ouvrages existants, sans qu'il y ait négligence ou faute de la part de son exécutant. Les remises en état, réparations ou indemnisations correspondantes sont à la charge du Client.

7. Implantation, nivellement des sondages

Au cas où l'implantation des sondages est imposée par le Client ou son conseil, le Prestataire est exonéré de toute responsabilité dans les événements consécutifs à ladite implantation. La mission ne comprend pas les implantations topographiques permettant de définir l'emprise des ouvrages et zones à étudier ni la mesure des coordonnées précises des points de sondages ou d'essais. Les éventuelles altitudes indiquées pour chaque sondage (qu'il s'agisse de cotes de références rattachées à un repère arbitraire ou de cotes NGF) ne sont données qu'à titre indicatif. Seules font foi les profondeurs mesurées depuis le sommet des sondages et comptées à partir du niveau du sol au moment de la réalisation des essais. Pour que ces altitudes soient garanties, il convient qu'elles soient relevées par un Géomètre Expert avant remodelage du terrain. Il en va de même pour l'implantation des sondages sur le terrain.

8. Hydrogéologie

Les niveaux d'eau indiqués dans le rapport correspondent uniquement aux niveaux relevés au droit des sondages exécutés et à un moment précis. En dépit de la qualité de l'étude les aléas suivants subsistent, notamment la variation des niveaux d'eau en relation avec la météo ou une modification de l'environnement des études. Seule une étude hydrogéologique spécifique permet de déterminer les amplitudes de variation de ces niveaux, les cotes de crue et les PHEC (Plus Hautes Eaux Connues).

9. Recommandations, aléas, écart entre prévision de l'étude et réalité en cours de travaux

Si, en l'absence de plans précis des ouvrages projetés, le Prestataire a été amené à faire une ou des hypothèses sur le projet, il appartient au Client de lui communiquer par écrit ses observations éventuelles sans quoi, il ne pourrait en aucun cas et pour quelque raison que ce soit lui être reproché d'avoir établi son étude dans ces conditions.

L'étude GEOTEChnique s'appuie sur les renseignements reçus concernant le projet, sur un nombre limité de sondages et d'essais, et sur des profondeurs d'investigations limitées qui ne permettent pas de lever toutes les incertitudes inéluctables à cette science naturelle. En dépit de la qualité de l'étude, des incertitudes subsistent du fait notamment du caractère ponctuel des investigations, de la variation d'épaisseur des remblais et/ou des différentes couches, de la présence de vestiges enterrés. Les conclusions GEOTEChniques ne peuvent donc conduire à traiter à forfait le prix des fondations compte tenu d'une hétérogénéité, naturelle ou du fait de l'homme, toujours possible et des aléas d'exécution pouvant survenir lors de la découverte des terrains. Si un caractère évolutif particulier a été mis en lumière (notamment glissement, érosion, dissolution, remblais évolutifs, tourbe), l'application des recommandations du rapport nécessite une actualisation à chaque étape du projet notamment s'il s'écoule un laps de temps important avant l'étape suivante.

L'estimation des quantités des ouvrages GEOTEChniques nécessite, une mission d'étude GEOTEChnique de conception G2 (phase projet). Les éléments GEOTEChniques non décelés par l'étude et mis en évidence lors de l'exécution (pouvant avoir une incidence sur les conclusions du rapport) et les incidents importants survenus au cours des travaux (notamment glissement, dommages aux avoisinants ou aux existants) doivent obligatoirement être portés à la connaissance du Prestataire ou signalés aux GEOTEChniciens chargés des missions de suivi GEOTEChnique d'exécution G3 et de supervision GEOTEChnique d'exécution G4, afin que les conséquences sur la conception GEOTEChnique et les conditions d'exécution soient analysées par un homme de l'art.

10. Rapport de mission, réception des travaux, fin de mission, délais de validation des documents par le client

A défaut de clauses spécifiques contractuelles, la remise du dernier document à fournir dans le cadre de la mission fixe le terme de la mission. La date de la fin de mission est celle de l'approbation par le Client du dernier document à fournir dans le cadre de la mission. L'approbation doit intervenir au plus tard deux semaines après sa remise au Client, et est considérée implicite en cas de silence. La fin de la mission donne lieu au paiement du solde de la mission.

CONDITIONS GENERALES (SUITE)

11. Réserve de propriété, confidentialité, propriété des études, diagrammes

Les coupes de sondages, plans et documents établis par les soins du Prestataire dans le cadre de sa mission ne peuvent être utilisés, publiés ou reproduits par des tiers sans son autorisation. Le Client ne devient propriétaire des prestations réalisées par le Prestataire qu'après règlement intégral des sommes dues. Le Client ne peut pas les utiliser pour d'autres ouvrages sans accord écrit préalable du Prestataire. Le Client s'engage à maintenir confidentielle et à ne pas utiliser pour son propre compte ou celui de tiers toute information se rapportant au savoir-faire du Prestataire, qu'il soit breveté ou non, portée à sa connaissance au cours de la mission et qui n'est pas dans le domaine public, sauf accord préalable écrit du Prestataire. Si dans le cadre de sa mission, le Prestataire mettait au point une nouvelle technique, celle-ci serait sa propriété. Le Prestataire serait libre de déposer tout brevet s'y rapportant, le Client bénéficiant, dans ce cas, d'une licence non exclusive et non cessible, à titre gratuit et pour le seul ouvrage étudié.

12. Modifications du contenu de la mission en cours de réalisation

La nature des prestations et des moyens à mettre en œuvre, les prévisions des avancements et délais, ainsi que les prix sont déterminés en fonction des éléments communiqués par le client et ceux recueillis lors de l'établissement de l'offre. Des conditions imprévisibles par le Prestataire au moment de l'établissement de son offre touchant à la géologie, aux hypothèses de travail, au projet et à son environnement, à la législation et aux règlements, à des événements imprévus, survenant en cours de mission autorisent le Prestataire à proposer au Client un avenant avec notamment modification des prix et des délais. A défaut d'un accord écrit du Client dans un délai de deux semaines à compter de la réception de la lettre d'adaptation de la mission. Le Prestataire est en droit de suspendre immédiatement l'exécution de sa mission, les prestations réalisées à cette date étant rémunérées intégralement, et sans que le Client ne puisse faire état d'un préjudice. Dans l'hypothèse où le Prestataire est dans l'impossibilité de réaliser les prestations prévues pour une cause qui ne lui est pas imputable, le temps d'immobilisation de ses équipes est rémunéré par le client.

13. Modifications du projet après fin de mission, délai de validité du rapport

Le rapport constitue une synthèse de la mission définie par la commande. Le rapport et ses annexes forment un ensemble indissociable. Toute interprétation, reproduction partielle ou utilisation par un autre maître de l'ouvrage, un autre constructeur ou maître d'œuvre, ou pour un projet différent de celui objet de la mission, ne saurait engager la responsabilité du Prestataire et pourra entraîner des poursuites judiciaires. La responsabilité du Prestataire ne saurait être engagée en dehors du cadre de la mission objet du rapport. Toute modification apportée au projet et à son environnement ou tout élément nouveau mis à jour au cours des travaux et non détecté lors de la mission d'origine, nécessite une adaptation du rapport initial dans le cadre d'une nouvelle mission.

Le client doit faire actualiser le dernier rapport de mission en cas d'ouverture du chantier plus de 1 an après sa livraison. Il en est de même notamment en cas de travaux de terrassements, de démolition ou de réhabilitation du site (à la suite d'une contamination des terrains et/ou de la nappe) modifiant entre autres les qualités mécaniques, les dispositions constructives et/ou la répartition de tout ou partie des sols sur les emprises concernées par l'étude GEOTEChnique.

14. Conditions d'établissement des prix, variation dans les prix, conditions de paiement, acompte et provision, retenue de garantie

Les prix unitaires s'entendent hors taxes. Ils sont majorés de la T.V.A. au taux en vigueur le jour de la facturation. Ils sont établis aux conditions économiques en vigueur à la date d'établissement de l'offre. Ils sont fermes et définitifs pour une durée de trois mois. Au-delà, ils sont actualisés par application de l'indice "Sondages et Forages TP 04" pour les investigations in situ et en laboratoire, et par application de l'indice « SYNTEC » pour les prestations d'études, l'Indice de base étant celui du mois de l'établissement du devis.

Aucune retenue de garantie n'est appliquée sur le coût de la mission.

Dans le cas où le marché nécessite une intervention d'une durée supérieure à un mois, des factures mensuelles intermédiaires sont établies. Lors de la passation de la commande ou de la signature du contrat, le Prestataire peut exiger un acompte dont le montant est défini dans les conditions particulières et correspond à un pourcentage du total estimé des honoraires et frais correspondants à l'exécution du contrat. Le montant de cet acompte est déduit de la facture ou du décompte final. En cas de sous-traitance dans le cadre d'un ouvrage public, les factures du Prestataire sont réglées directement et intégralement par le maître d'ouvrage, conformément à la loi n°75-1334 du 31/12/1975.

Les paiements interviennent à réception de la facture et sans escompte. En l'absence de paiement au plus tard le jour suivant la date de règlement figurant sur la facture, il sera appliqué à compter dudit jour et de plein droit, un intérêt de retard égal au taux d'intérêt appliqué par la Banque Centrale Européenne à son opération de refinancement la plus récente majorée de 10 points de pourcentage. Cette pénalité de retard sera exigible sans qu'un rappel soit nécessaire à compter du jour suivant la date de règlement figurant sur la facture.

En sus de ces pénalités de retard, le Client sera redevable de plein droit des frais de recouvrement exposés ou d'une indemnité forfaitaire de 40 €.

Un désaccord quelconque ne saurait constituer un motif de non paiement des prestations de la mission réalisées antérieurement. La compensation est formellement exclue : le Client s'interdit de déduire le montant des préjudices qu'il allègue des honoraires dus.

15. Résiliation anticipée

Toute procédure de résiliation est obligatoirement précédée d'une tentative de conciliation. En cas de force majeure, cas fortuit ou de circonstances indépendantes du Prestataire, celui-ci a la faculté de résilier son contrat sous réserve d'en informer son Client par lettre recommandée avec accusé de réception. En toute hypothèse, en cas d'inexécution par l'une ou l'autre des parties de ses obligations, et 8 jours après la mise en demeure visant la présente clause résolutoire demeurée sans effet, le contrat peut être résilié de plein droit. La résiliation du contrat implique le paiement de l'ensemble des prestations régulièrement exécutées par le Prestataire au jour de la résiliation et en sus, d'une indemnité égale à 20 % des honoraires qui resteraient à percevoir si la mission avait été menée jusqu'à son terme.

16. Répartition des risques, responsabilités et assurances

Le Prestataire n'est pas tenu d'avertir son Client sur les risques encourus déjà connus ou ne pouvant être ignorés du Client compte tenu de sa compétence. Ainsi par exemple, l'attention du Client est attirée sur le fait que le béton armé est inévitablement fissuré, les revêtements appliqués sur ce matériau devant avoir une souplesse suffisante pour s'adapter sans dommage aux variations d'ouverture des fissures. Le devoir de conseil du Prestataire vis-à-vis du Client ne s'exerce que dans les domaines de compétence requis pour l'exécution de la mission spécifiquement confiée. Tout élément nouveau connu du Client après la fin de la mission doit être communiqué au Prestataire qui pourra, le cas échéant, proposer la réalisation d'une mission complémentaire. A défaut de communication des éléments nouveaux ou d'acceptation de la mission complémentaire, le Client en assumera toutes les conséquences. En aucun cas, le Prestataire ne sera tenu pour responsable des conséquences d'un non-respect de ses préconisations ou d'une modification de celles-ci par le Client pour quelque raison que ce soit. L'attention du Client est attirée sur le fait que toute estimation de quantités faite à partir de données obtenues par prélèvements ou essais ponctuels sur le site objet des prestations est entachée d'une incertitude fonction de la représentativité de ces données ponctuelles extrapolées à l'ensemble du site. Toutes les pénalités et indemnités qui sont prévues au contrat ou dans l'offre remise par le Prestataire ont la nature de dommages et intérêts forfaitaires, libératoires et exclusifs de toute autre sanction ou indemnisation.

Assurance décennale obligatoire

Le Prestataire bénéficie d'un contrat d'assurance au titre de la responsabilité décennale afférente aux ouvrages soumis à obligation d'assurance, conformément à l'article L.241-1 du Code des assurances. Conformément aux usages et aux capacités du marché de l'assurance et de la réassurance, le contrat impose une obligation de déclaration préalable et d'adaptation de la garantie pour les ouvrages dont la valeur HT (travaux et honoraires compris) excède au jour de la déclaration d'ouverture de chantier un montant de 15 M€. Il est expressément convenu que le client a l'obligation d'informer le Prestataire d'un éventuel dépassement de ce seuil, et accepte, de fournir tous éléments d'information nécessaires à l'adaptation de la garantie. Le client prend également l'engagement, de souscrire à ses frais un Contrat Collectif de Responsabilité Décennale (CCRD), contrat dans lequel le Prestataire sera expressément mentionné parmi les bénéficiaires. Par ailleurs, les ouvrages de caractère exceptionnel, voir inusuels sont exclus du présent contrat et doivent faire l'objet d'une cotation particulière. Le prix fixé dans l'offre ayant été déterminé en fonction de conditions normales d'assurabilité de la mission, il sera réajusté, et le client s'engage à l'accepter, en cas d'éventuelle sur-cotisation qui serait demandée au Prestataire par rapport aux conditions de base de son contrat d'assurance. A défaut de respecter ces engagements, le client en supportera les conséquences financières (notamment en cas de défaut de garantie du Prestataire, qui n'aurait pu s'assurer dans de bonnes conditions, faute d'informations suffisantes). Le maitre d'ouvrage est tenu d'informer le Prestataire de la DOC (déclaration d'ouverture de chantier).

Ouvrages non soumis à l'obligation d'assurance

Les ouvrages dont la valeur HT (travaux et honoraires compris) excède un montant de 15 M€ HT doivent faire l'objet d'une déclaration auprès du Prestataire qui en réfèrera à son assureur pour détermination des conditions d'assurance. Les limitations relatives au montant des chantiers auxquels le Prestataire participe ne sont pas applicables aux missions portant sur des ouvrages d'infrastructure linéaire, c'est-à-dire routes, voies ferrées, tramway, etc. En revanche, elles demeurent applicables lorsque sur le tracé linéaire, la/les mission(s) de l'assuré porte(nt) sur des ouvrages précis tels que ponts, viaducs, échangeurs, tunnels, tranchées couvertes... En tout état de cause, il appartiendra au client de prendre en charge toute éventuelle sur cotisation qui serait demandée au prestataire par rapport aux conditions de base de son contrat d'assurance. Toutes les conséquences financières d'une déclaration insuffisante quant au coût de l'ouvrage seront supportées par le client et le maître d'ouvrage.

Le Prestataire assume les responsabilités qu'il engage par l'exécution de sa mission telle que décrite au présent contrat. A ce titre, il est responsable de ses prestations dont la défectuosité lui est imputable. Le Prestataire sera garanti en totalité par le Client contre les conséquences de toute recherche en responsabilité dont il serait l'objet du fait de ses prestations, de la part de tiers au présent contrat, le client ne garantissant cependant le Prestataire qu'au delà du montant de responsabilité visé ci-dessous pour le cas des prestations défectueuses. La responsabilité globale et cumulée du Prestataire au titre ou à l'occasion de l'exécution du contrat sera limitée à trois fois le montant de ses honoraires sans pour autant excéder les garanties délivrées par son assureur, et ce pour les dommages de quelque nature que ce soit et quel qu'en soit le fondement juridique. Il est expressément convenu que le Prestataire ne sera pas responsable des dommages immatériels consécutifs ou non à un dommage matériel tels que, notamment, la perte d'exploitation, la perte de production, le manque à gagner, la perte de profit, la perte de contrat, la perte d'image, l'immobilisation de personnel ou d'équipements.

17. Cessibilité de contrat

Le Client reste redevable du paiement de la facture sans pouvoir opposer à quelque titre que ce soit la cession du contrat, la réalisation pour le compte d'autrui, l'existence d'une promesse de porte-fort ou encore l'existence d'une stipulation pour autrui.

18. Litiges En cas de litige pouvant survenir dans l'application du contrat, seul le droit français est applicable. Seules les juridictions du ressort du siège social du Prestataire sont compétentes, même en cas de demande incidente ou d'appel en garantie ou de pluralité de défendeurs.

ANNEXE 1

Pas de temps d’échantillonnage

LANDENOUZE		
N°éch	Date prélèvement	Pas de temps /remarques
1	27/04/2018 08:00	**1 ech./24h à 08h00**
2	28/04/2018 08:00	
3	29/04/2018 08:00	
4	30/04/2018 08:00	
5	01/05/2018 08:00	
6	02/05/2018 08:00	
7	02/05/2018 11:20	**1 ech./12h à 11h20 et 23h20**
8	02/05/2018 23:20	
9	03/05/2018 11:20	
10	03/05/2018 23:20	
11	04/05/2018 11:20	
12	04/05/2018 23:20	
13	05/05/2018 11:20	
14	05/05/2018 23:20	
15	06/05/2018 11:20	
16	06/05/2018 23:20	
17	07/05/2018 11:20	
18	07/05/2018 23:20	
19	08/05/2018 11:20	
20	08/05/2018 23:20	
21	09/05/2018 11:20	
22	09/05/2018 23:20	
23	10/05/2018 11:20	
24	10/05/2018 23:20	
25	11/05/2018 11:20	
26	11/05/2018 23:20	
27	12/05/2018 11:20	
28	12/05/2018 23:20	
29	13/05/2018 11:20	
30	13/05/2018 23:20	
31	14/05/2018 11:20	
32	14/05/2018 23:20	
33	15/05/2018 11:20	
34	15/05/2018 23:20	

LANDENOUZE		
N°éch	Date prélèvement	Pas de temps /remarques
35	16/05/2018 11:20	**1 ech./12h à 11h20 et 23h20**
36	16/05/2018 23:20	
37	17/05/2018 11:20	
38	17/05/2018 23:20	
39	18/05/2018 11:20	
40	18/05/2018 23:20	
41	19/05/2018 11:20	
42	19/05/2018 23:20	
43	20/05/2018 11:20	
44	20/05/2018 23:20	
45	21/05/2018 11:20	
46	21/05/2018 23:20	
47	22/05/2018 11:20	
48	22/05/2018 23:20	
49	23/05/2018 11:20	
50	23/05/2018 23:20	
51	24/05/2018 11:20	
52	25/05/2018 09:30	Pas d'éch. le 24/05 à 23h20 : changement de batterie, éch. pris le 25/05 à 09h30
53	25/05/2018 11:20	**1 ech./12h à 11h20 et 23h20**
54	25/05/2018 23:20	
55	26/05/2018 11:20	
56	26/05/2018 23:20	
57	27/05/2018 11:20	
58	27/05/2018 23:20	
59	28/05/2018 11:20	
60	28/05/2018 23:20	
61	29/05/2018 11:20	
62	29/05/2018 23:20	
63	30/05/2018 11:20	
64	30/05/2018 23:20	
65	31/05/2018 11:20	
66	31/05/2018 23:20	

LANDENOUZE		
N°éch	Date prélèvement	Pas de temps /remarques
67	01/06/2018 11:20	1 ech./12h à 11h20 et 23h20
68	01/06/2018 23:20	
69	02/06/2018 11:20	
70	02/06/2018 23:20	
71	03/06/2018 11:20	
72	03/06/2018 23:20	
73	04/06/2018 11:20	
74	04/06/2018 23:20	
75	05/06/2018 11:20	
76	05/06/2018 23:20	
77	06/06/2018 11:20	
78	06/06/2018 23:20	
79	07/06/2018 11:20	
80	07/06/2018 23:20	
81	08/06/2018 11:20	
82	08/06/2018 23:20	
83	09/06/2018 11:20	
84	09/06/2018 23:20	
85	10/06/2018 11:20	
86	10/06/2018 23:20	
87	11/06/2018 11:20	
88	11/06/2018 23:20	
89	12/06/2018 11:20	
90	12/06/2018 23:20	
91	13/06/2018 11:20	
92	13/06/2018 23:20	
93	14/06/2018 11:20	
94	14/06/2018 23:20	
95	15/06/2018 11:20	
96	15/06/2018 23:20	

LANDENOUZE		
N°éch	Date prélèvement	Pas de temps /remarques
97	16/06/2018 11:20	1 ech./12h à 11h20 et 23h20
98	16/06/2018 23:20	
99	17/06/2018 11:20	
100	17/06/2018 23:20	
101	18/06/2018 11:20	
102	18/06/2018 23:20	
103	19/06/2018 11:20	
104	19/06/2018 23:20	
105	20/06/2018 11:20	
106	20/06/2018 23:20	
107	21/06/2018 11:20	
108	21/06/2018 23:20	
109	22/06/2018 11:20	1 ech./24h à 11h20
110	23/06/2018 11:20	
111	24/06/2018 11:20	
112	25/06/2018 11:20	
113	26/06/2018 11:20	

MONTBRUN		
N°éch	Date prélèvement	Pas de temps /remarques
1	29/04/2018 08:00	1 ech./24h, pas as d'éch. les 30/04 et 01/05 : problème de réglage du tuyau d'aspiration
2	02/05/2018 11:40	1 ech./12h à 11h40 et 23h40
3	02/05/2018 23:40	
4	03/05/2018 11:40	
5	03/05/2018 23:40	
6	04/05/2018 11:40	
7	04/05/2018 23:40	
8	05/05/2018 11:40	
9	05/05/2018 23:40	
10	06/05/2018 11:40	
11	06/05/2018 23:40	
12	07/05/2018 11:40	
13	07/05/2018 23:40	
14	08/05/2018 11:40	
15	08/05/2018 23:40	
16	09/05/2018 11:40	
17	09/05/2018 23:40	
18	10/05/2018 11:40	
19	10/05/2018 23:40	
20	11/05/2018 11:40	
21	11/05/2018 23:40	
22	12/05/2018 11:40	
23	12/05/2018 23:40	
24	13/05/2018 11:40	
25	13/05/2018 23:40	
26	14/05/2018 16:45	1 éch./12h à 16h45 et 04h45 Pas d'éch. entre le 13/05 23h40 et le 14/05 16h45 : mauvais réglage de l'appareil
27	15/05/2018 04:45	
28	15/05/2018 16:45	
29	16/05/2018 04:45	
30	16/05/2018 16:45	
31	17/05/2018 04:45	
32	17/05/2018 16:45	
33	18/05/2018 04:45	
34	18/05/2018 16:45	

MONTBRUN		
N°éch	Date prélèvement	Pas de temps /remarques
35	19/05/2018 04:45	1 ech./12h à 16h45 et 04h45
36	19/05/2018 16:45	
37	20/05/2018 04:45	
38	20/05/2018 16:45	
39	21/05/2018 04:45	
40	21/05/2018 16:45	
41	22/05/2018 04:45	
42	22/05/2018 16:45	
43	23/05/2018 04:45	
44	23/05/2018 16:45	
45	23/05/2018 19:30	1 éch./12h à 19h30 et 07h30 : Mesures rapprochées le 23/05 : changement de batterie à 19h30, programme relancé en « immédiat '>
46	24/05/2018 07:30	
47	24/05/2018 19:30	
48	25/05/2018 07:30	
49	25/05/2018 09:45	1 éch./12h à 09h45 et 21h45 : Mesures rapprochées le 25/05 : prélèvement des flacons à 09h45, programme relancé en « immédiat '>
50	25/05/2018 21:45	
51	26/05/2018 09:45	
52	26/05/2018 21:45	
53	27/05/2018 09:45	
54	27/05/2018 21:45	
55	28/05/2018 09:45	
56	28/05/2018 21:45	
57	29/05/2018 09:45	
58	29/05/2018 21:45	
59	30/05/2018 09:45	
60	30/05/2018 21:45	
61	31/05/2018 09:45	
62	31/05/2018 21:45	
63	01/06/2018 09:45	

MONTBRUN		
N°éch	Date prélèvement	Pas de temps /remarques
64	01/06/2018 11:13	**1 éch./12h à 11h13 et 23h13** Mesures rapprochées le 01/06 : prélèvement des flacons à 11h13, programme relancé en « immédiat »
65	01/06/2018 23:13	
66	02/06/2018 11:13	
67	02/06/2018 23:13	
68	03/06/2018 11:13	
69	03/06/2018 23:13	
70	04/06/2018 11:13	
71	04/06/2018 23:13	
72	05/06/2018 11:13	
73	05/06/2018 23:13	
74	06/06/2018 11:13	
75	06/06/2018 23:13	
76	07/06/2018 11:13	
77	07/06/2018 23:13	
78	08/06/2018 11:13	
79	08/06/2018 23:13	
80	09/06/2018 11:13	
81	09/06/2018 23:13	
82	10/06/2018 11:13	
83	10/06/2018 23:13	
84	11/06/2018 11:30	
85	11/06/2018 23:30	
86	12/06/2018 11:30	**1 éch./12h à 11h30 et 23h30**
87	12/06/2018 23:30	
88	13/06/2018 11:30	
89	13/06/2018 23:30	
90	14/06/2018 11:30	
91	14/06/2018 23:30	
92	15/06/2018 11:30	
93	15/06/2018 23:30	

MONTBRUN		
N°éch	Date prélèvement	Pas de temps /remarques
94	16/06/2018 11:30	**1 éch./12h à 11h30 et 23h30**
95	16/06/2018 23:30	
96	17/06/2018 11:30	
97	17/06/2018 23:30	
98	18/06/2018 11:30	
99	18/06/2018 23:30	
100	19/06/2018 11:30	
101	19/06/2018 23:30	
102	20/06/2018 11:30	
103	20/06/2018 23:30	
104	21/06/2018 11:30	
105	21/06/2018 23:30	
106	22/06/2018 10:15	**1 éch./24h à 10h15**
107	23/06/2018 10:15	
108	24/06/2018 10:15	
109	25/06/2018 10:15	
110	26/06/2018 10:15	

BONS		
N°éch	Date prélèvement	Pas de temps /remarques
1	29/04/2018 11:00	**1 ech./24h à 11h00**
2	30/04/2018 11:00	
3	01/05/2018 11:00	
4	02/05/2018 11:00	
5	02/05/2018 12:08	**1 éch./6h à 00h08, 06h08, 12h08, 18h08** Pas d'éch. entre le 08/05,06h08 et le 09/05, 18h08 : mauvais réglage de l'appareil
6	02/05/2018 18:08	
7	03/05/2018 00:08	
8	03/05/2018 06:08	
9	03/05/2018 12:08	
10	03/05/2018 18:08	
11	04/05/2018 00:08	
12	04/05/2018 06:08	
13	04/05/2018 12:08	
14	04/05/2018 18:08	
15	05/05/2018 00:08	
16	05/05/2018 06:08	
17	05/05/2018 12:08	
18	05/05/2018 18:08	
19	06/05/2018 00:08	
20	06/05/2018 06:08	
21	06/05/2018 12:08	
22	06/05/2018 18:08	
23	07/05/2018 00:08	
24	07/05/2018 06:08	
25	07/05/2018 12:08	
26	07/05/2018 18:08	
27	08/05/2018 00:08	
28	08/05/2018 06:08	
29	09/05/2018 18:08	
30	10/05/2018 00:08	
31	10/05/2018 06:08	
32	10/05/2018 12:08	
33	10/05/2018 18:08	
34	11/05/2018 00:08	

BONS		
N°éch	Date prélèvement	Pas de temps /remarques
35	11/05/2018 06:08	**1 éch./6h à 00h08, 06h08, 12h08, 18h08**
36	11/05/2018 12:08	
37	11/05/2018 18:08	
38	12/05/2018 00:08	
39	12/05/2018 06:08	
40	12/05/2018 12:08	
41	12/05/2018 18:08	
42	13/05/2018 00:08	
43	13/05/2018 06:08	
44	13/05/2018 12:08	
45	13/05/2018 18:08	
46	14/05/2018 00:08	
47	14/05/2018 06:08	
48	14/05/2018 12:08	
49	14/05/2018 18:08	
50	15/05/2018 00:08	
51	15/05/2018 06:08	
52	15/05/2018 12:08	
53	15/05/2018 18:08	
54	16/05/2018 00:08	
55	16/05/2018 06:08	
56	16/05/2018 12:08	
57	16/05/2018 18:08	
58	17/05/2018 00:08	
59	17/05/2018 06:08	
60	17/05/2018 12:08	
61	17/05/2018 18:08	
62	18/05/2018 00:08	
63	18/05/2018 06:08	
64	18/05/2018 12:08	
65	18/05/2018 18:08	
66	19/05/2018 00:08	
67	19/05/2018 06:08	
68	19/05/2018 12:08	

BONS		
N°éch	Date prélèvement	Pas de temps /remarques
69	19/05/2018 18:08	**1 ech./6h a 00h08, 06h08, 12h08, 18h08**
70	20/05/2018 00:08	
71	20/05/2018 06:08	
72	20/05/2018 12:08	
73	20/05/2018 18:08	
74	21/05/2018 00:08	
75	21/05/2018 06:08	
76	21/05/2018 12:08	
77	21/05/2018 18:08	
78	22/05/2018 00:08	
79	22/05/2018 19:20	**1 éch./6h à 01h20, 13h20, 19h20, 07h20** Pas d'éch. le 22/05 entre 00h08 et 19h20 : problème de batterie
80	23/05/2018 01:20	
81	23/05/2018 07:20	
82	23/05/2018 13:20	
83	23/05/2018 19:20	
84	24/05/2018 01:20	
85	24/05/2018 07:20	
86	24/05/2018 13:20	
87	24/05/2018 19:20	
88	25/05/2018 01:20	
89	25/05/2018 07:20	
90	25/05/2018 13:20	
91	26/05/2018 01:20	**1 ech./12h a 01h20 et 13h20**
92	26/05/2018 13:20	
93	27/05/2018 01:20	
94	27/05/2018 13:20	
95	28/05/2018 01:20	
96	28/05/2018 13:20	
97	29/05/2018 01:20	
98	29/05/2018 13:20	
99	30/05/2018 01:20	
100	30/05/2018 13:20	
101	31/05/2018 01:20	
102	31/05/2018 13:20	

BONS		
N°éch	Date prélèvement	Pas de temps /remarques
103	01/06/2018 01:20	**1 ech./12h a 01h20 et 13h20**
104	01/06/2018 13:20	
105	02/06/2018 01:20	
106	02/06/2018 13:20	
107	03/06/2018 01:20	
108	03/06/2018 13:20	
109	04/06/2018 01:20	
110	04/06/2018 13:20	
111	05/06/2018 01:20	
112	05/06/2018 13:20	
113	06/06/2018 01:20	
114	06/06/2018 13:20	
115	07/06/2018 01:20	
116	07/06/2018 13:20	
117	08/06/2018 01:20	
118	08/06/2018 13:20	
119	09/06/2018 01:20	
120	09/06/2018 13:20	
121	10/06/2018 01:20	
122	10/06/2018 13:20	
123	11/06/2018 01:20	
124	11/06/2018 13:20	
125	12/06/2018 01:20	
126	12/06/2018 13:20	
127	13/06/2018 01:20	
128	13/06/2018 13:20	
129	14/06/2018 01:20	
130	14/06/2018 13:20	
131	15/06/2018 01:20	
132	15/06/2018 13:20	
133	16/06/2018 01:20	
134	16/06/2018 13:20	
135	17/06/2018 01:20	
136	17/06/2018 13:20	

BONS		
N°éch	Date prélèvement	Pas de temps /remarques
137	18/06/2018 01:20	1 éch./12h à 01h20 et 13h20
138	18/06/2018 13:20	
139	19/06/2018 01:20	
140	19/06/2018 13:20	
141	20/06/2018 01:20	
142	20/06/2018 13:20	
143	21/06/2018 01:20	
144	21/06/2018 13:20	
145	22/06/2018 01:20	
146	22/06/2018 13:20	
147	23/06/2018 13:20	1 éch./24h à 13h20
148	24/06/2018 13:20	
149	25/06/2018 13:20	
150	26/06/2018 13:20	

AYRISSAC		
N°éch	Date prélèvement	Pas de temps /remarques
1	27/04/2018 08:00	**1 ech./24h à 8h00**
2	28/04/2018 08:00	
3	29/04/2018 08:00	
4	30/04/2018 08:00	
5	01/05/2018 08:00	
6	02/05/2018 08:00	
7	03/05/2018 08:00	
8	03/05/2018 11:50	**1 éch./12h à 11h50 et 23h50**
9	03/05/2018 23:50	
10	04/05/2018 11:50	
11	04/05/2018 23:50	
12	05/05/2018 11:50	
13	05/05/2018 23:50	
14	06/05/2018 11:50	
15	06/05/2018 23:50	
16	07/05/2018 11:50	
17	07/05/2018 23:50	
18	08/05/2018 11:50	
19	08/05/2018 23:50	
20	09/05/2018 11:50	
21	09/05/2018 23:50	
22	10/05/2018 11:50	
23	10/05/2018 23:50	
24	11/05/2018 11:50	
25	11/05/2018 23:50	
26	12/05/2018 11:50	
27	12/05/2018 23:50	
28	13/05/2018 11:50	
29	13/05/2018 23:50	
30	14/05/2018 11:50	
31	14/05/2018 23:50	
32	15/05/2018 11:50	
33	15/05/2018 23:50	
34	16/05/2018 11:50	

AYRISSAC		
N°éch	Date prélèvement	Pas de temps /remarques
34	16/05/2018 11:50	**1 éch./12h à 11h50 et 23h50**
35	16/05/2018 23:50	
36	17/05/2018 11:50	
37	17/05/2018 23:50	
38	18/05/2018 11:50	
39	18/05/2018 23:50	
40	19/05/2018 11:50	
41	19/05/2018 23:50	
42	20/05/2018 11:50	
43	20/05/2018 23:50	
44	21/05/2018 11:50	
45	21/05/2018 23:50	
46	22/05/2018 11:30	**1 éch./6h à 05h30, 11h30, 17h30, 23h30**
47	22/05/2018 17:30	
48	22/05/2018 23:30	
49	23/05/2018 05:30	
50	23/05/2018 11:30	
51	23/05/2018 17:30	
52	23/05/2018 23:30	
53	24/05/2018 05:30	
54	24/05/2018 11:30	
55	24/05/2018 17:30	
56	24/05/2018 23:30	
57	25/05/2018 05:30	
58	25/05/2018 11:45	**1 éch./8h à 03h45, 11h45, 19h45**
59	25/05/2018 19:45	
60	26/05/2018 03:45	
61	26/05/2018 11:45	
62	26/05/2018 19:45	
63	27/05/2018 03:45	
64	27/05/2018 11:45	
65	27/05/2018 19:45	
66	28/05/2018 03:45	
67	28/05/2018 11:45	

AYRISSAC		
N°éch	Date prélèvement	Pas de temps /remarques
67	28/05/2018 11:45	1 éch./8h à 03h45, 11h45, 19h45
68	28/05/2018 19:45	
69	29/05/2018 03:45	
70	29/05/2018 11:45	
71	29/05/2018 19:45	
72	30/05/2018 03:45	
73	30/05/2018 11:45	
74	30/05/2018 19:45	
75	31/05/2018 03:45	
76	31/05/2018 11:45	
77	31/05/2018 19:45	
78	01/06/2018 03:45	
79	01/06/2018 11:45	
80	01/06/2018 15:30	1 éch./12h à 03h30 et 15h30
81	02/06/2018 03:30	
82	02/06/2018 15:30	
83	03/06/2018 03:30	
84	03/06/2018 15:30	
85	04/06/2018 03:30	
86	04/06/2018 15:30	
87	05/06/2018 03:30	
88	05/06/2018 15:30	
89	06/06/2018 03:30	
90	06/06/2018 15:30	
91	07/06/2018 03:30	
92	07/06/2018 15:30	
93	08/06/2018 03:30	
94	08/06/2018 15:30	
95	09/06/2018 03:30	
96	09/06/2018 15:30	
97	10/06/2018 03:30	
98	10/06/2018 15:30	
99	11/06/2018 03:30	
100	11/06/2018 15:30	

AYRISSAC		
N°éch	Date prélèvement	Pas de temps /remarques
101	12/06/2018 03:30	1 éch./12h à 03h30 et 15h30
102	12/06/2018 15:30	
103	13/06/2018 03:30	
104	13/06/2018 15:30	
105	14/06/2018 03:30	
106	14/06/2018 15:30	
107	15/06/2018 03:30	
108	15/06/2018 15:30	
109	16/06/2018 03:30	
110	16/06/2018 15:30	
111	17/06/2018 03:30	
112	17/06/2018 15:30	
113	18/06/2018 03:30	
114	18/06/2018 15:30	
115	22/06/2018 13:55	1 éch./24h à 13h55 Pas d'échantillons entre le 18/06, 15h30 et le 22/06, 13h55 : problème de batterie
116	23/06/2018 13:55	
117	24/06/2018 13:55	
118	25/06/2018 13:55	
119	26/06/2018 13:55	

ANNEXE 2

Résultats d'analyses en laboratoire des échantillons

Annexe : Résultats d'analyses

LANDENOUZE – ANALYSES POUR L'EOSINE

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
1	27/04/2018 08:00		négatif	négatif	0.000
2	28/04/2018 08:00				0.000
3	29/04/2018 08:00		négatif	négatif	0.000
4	30/04/2018 08:00				0.000
5	01/05/2018 08:00		négatif	négatif	0.000
6	02/05/2018 08:00				0.000
7	02/05/2018 11:20		négatif	négatif	0.000
8	02/05/2018 23:20				0.000
9	03/05/2018 11:20		négatif	négatif	0.000
10	03/05/2018 23:20				0.000
11	04/05/2018 11:20		négatif	négatif	0.000
12	04/05/2018 23:20				0.000
13	05/05/2018 11:20		négatif	négatif	0.000
14	05/05/2018 23:20				0.000
15	06/05/2018 11:20		négatif	négatif	0.000
16	06/05/2018 23:20				0.000
17	07/05/2018 11:20				0.000
18	07/05/2018 23:20				0.000
19	08/05/2018 11:20		négatif	négatif	0.000
20	08/05/2018 23:20				0.000
21	09/05/2018 11:20		négatif	négatif	0.000
22	09/05/2018 23:20				0.000
23	10/05/2018 11:20		négatif	négatif	0.000

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
24	10/05/2018 23:20				0.000
25	11/05/2018 11:20		négatif	négatif	0.000
26	11/05/2018 23:20				0.000
27	12/05/2018 11:20		négatif	négatif	0.000
28	12/05/2018 23:20				0.000
29	13/05/2018 11:20		négatif	négatif	0.000
30	13/05/2018 23:20				0.000
31	14/05/2018 11:20		négatif	négatif	0.000
32	14/05/2018 23:20				0.000
33	15/05/2018 11:20		négatif	négatif	0.000
34	15/05/2018 23:20				0.000
35	16/05/2018 11:20		négatif	négatif	0.000
36	16/05/2018 23:20				0.000
37	17/05/2018 11:20		négatif	négatif	0.000
38	17/05/2018 23:20				0.000
39	18/05/2018 11:20		négatif	négatif	0.000
40	18/05/2018 23:20				0.000
41	19/05/2018 11:20		négatif	négatif	0.000
42	19/05/2018 23:20				0.000
43	20/05/2018 11:20		négatif	négatif	0.000
44	20/05/2018 23:20				0.000
45	21/05/2018 11:20		négatif	négatif	0.000
46	21/05/2018 23:20				0.000

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
47	22/05/2018 11:20		négatif	négatif	0.000
48	22/05/2018 23:20				0.000
49	23/05/2018 11:20		négatif	négatif	0.000
50	23/05/2018 23:20				0.000
51	24/05/2018 11:20		négatif	négatif	0.000
52	25/05/2018 09:30	0.556	positif	positif	0.315
53	25/05/2018 11:20	0.537	positif	positif	0.296
54	25/05/2018 23:20	0.687	positif	positif	0.446
55	26/05/2018 11:20	0.931	positif	positif	0.690
56	26/05/2018 23:20				
57	27/05/2018 11:20	0.854			0.613
58	27/05/2018 23:20				
59	28/05/2018 11:20	1.299			1.058
60	28/05/2018 23:20		positif	positif	
61	29/05/2018 11:20	3.627			3.386
62	29/05/2018 23:20				
63	30/05/2018 11:20	3.471			3.230
64	30/05/2018 23:20				
65	31/05/2018 11:20	3.233	positif	positif	2.992
66	31/05/2018 23:20				
67	01/06/2018 11:20	3.192			2.951
68	01/06/2018 23:20				
69	02/06/2018 11:20	2.174			1.933

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
70	02/06/2018 23:20		positif	positif	
71	03/06/2018 11:20	1.567			1.326
72	03/06/2018 23:20				
73	04/06/2018 11:20	1.251			1.010
74	04/06/2018 23:20				
75	05/06/2018 11:20	0.993	positif	positif	0.752
76	05/06/2018 23:20				
77	06/06/2018 11:20	0.952			0.711
78	06/06/2018 23:20				
79	07/06/2018 11:20	3.613			3.372
80	07/06/2018 23:20		positif	positif	
81	08/06/2018 11:20	5.964			5.723
82	08/06/2018 23:20				
83	09/06/2018 11:20	3.959			3.718
84	09/06/2018 23:20				
85	10/06/2018 11:20	0.836	positif	positif	0.595
86	10/06/2018 23:20				
87	11/06/2018 11:20	0.522			0.281
88	11/06/2018 23:20				
89	12/06/2018 11:20	1.186			0.945
90	12/06/2018 23:20				
91	13/06/2018 11:20	0.967			0.726
92	13/06/2018 23:20				

N° d'éch.	Date et heure de prélèvement	C° Brute en µg/L	Spectre émission	Spectre excitation	C° nette en µg/L
93	14/06/2018 11:20	0.922			0.681
94	14/06/2018 23:20				
95	15/06/2018 11:20	0.882			0.641
96	15/06/2018 23:20				
97	16/06/2018 11:20	0.916			0.675
98	16/06/2018 23:20				
99	17/06/2018 11:20	1.011			0.770
100	17/06/2018 23:20				
101	18/06/2018 11:20	1.182			0.941
102	18/06/2018 23:20				
103	19/06/2018 11:20	1.683			1.442
104	19/06/2018 23:20				
105	20/06/2018 11:20	2.133			1.892
106	20/06/2018 23:20				
107	21/06/2018 11:20	2.341			2.100
108	21/06/2018 23:20				
109	22/06/2018 11:20	2.714			2.473
110	23/06/2018 11:20				
111	24/06/2018 11:20	1.965			1.724
112	25/06/2018 11:20				
113	26/06/2018 11:20	1.441			1.200

MONTBRUN – ANALYSES POUR L'EOSINE

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
1	29/04/2018 08:00		négatif	négatif	0.000
2	02/05/2018 11:40				0.000
3	02/05/2018 23:40		négatif	négatif	0.000
4	03/05/2018 11:40				0.000
5	03/05/2018 23:40		négatif	négatif	0.000
6	04/05/2018 11:40				0.000
7	04/05/2018 23:40		négatif	négatif	0.000
8	05/05/2018 11:40				0.000
9	05/05/2018 23:40		négatif	négatif	0.000
10	06/05/2018 11:40				0.000
11	06/05/2018 23:40		négatif	négatif	0.000
12	07/05/2018 11:40				0.000
13	07/05/2018 23:40		négatif	négatif	0.000
14	08/05/2018 11:40				0.000
15	08/05/2018 23:40		négatif	négatif	0.000
16	09/05/2018 11:40				0.000
17	09/05/2018 23:40		négatif	négatif	0.000
18	10/05/2018 11:40				0.000
19	10/05/2018 23:40		négatif	négatif	0.000
20	11/05/2018 11:40				0.000
21	11/05/2018 23:40		négatif	négatif	0.000

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
22	12/05/2018 11:40				0.000
23	12/05/2018 23:40		négatif	négatif	0.000
24	13/05/2018 11:40				0.000
25	13/05/2018 23:40		négatif	négatif	0.000
26	14/05/2018 16:45		négatif	négatif	0.000
27	15/05/2018 04:45				0.000
28	15/05/2018 16:45		négatif	négatif	0.000
29	16/05/2018 04:45				0.000
30	16/05/2018 16:45		négatif	négatif	0.000
31	17/05/2018 04:45				0.000
32	17/05/2018 16:45		négatif	négatif	0.000
33	18/05/2018 04:45				0.000
34	18/05/2018 16:45		négatif	négatif	0.000
35	19/05/2018 04:45				0.000
36	19/05/2018 16:45		négatif	négatif	0.000
37	20/05/2018 04:45				0.000
38	20/05/2018 16:45		négatif	négatif	0.000
39	21/05/2018 04:45				0.000
40	21/05/2018 16:45		négatif	négatif	0.000
41	22/05/2018 04:45				0.000
42	22/05/2018 16:45		négatif	négatif	0.000

N° d éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
43	23/05/2018 04:45				0.000
44	23/05/2018 16:45		négatif	négatif	0.000
45	23/05/2018 19:30				0.000
46	24/05/2018 07:30		négatif	négatif	0.000
47	24/05/2018 19:30				0.000
48	25/05/2018 07:30		négatif	négatif	0.000
49	25/05/2018 09:45				0.000
50	25/05/2018 21:45		négatif	négatif	0.000
51	26/05/2018 09:45				0.000
52	26/05/2018 21:45				0.000
53	27/05/2018 09:45				0.000
54	27/05/2018 21:45				0.000
55	28/05/2018 09:45		négatif	négatif	0.000
56	28/05/2018 21:45				0.000
57	29/05/2018 09:45				0.000
58	29/05/2018 21:45				0.000
59	30/05/2018 09:45				0.000
60	30/05/2018 21:45		négatif	négatif	0.000
61	31/05/2018 09:45				0.000
62	31/05/2018 21:45				0.000
63	01/06/2018 09:45				0.000
64	01/06/2018 11:13				0.000

N° d éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
65	01/06/2018 23:13		négatif	négatif	0.000
66	02/06/2018 11:13				0.000
67	02/06/2018 23:13				0.000
68	03/06/2018 11:13				0.000
69	03/06/2018 23:13				0.000
70	04/06/2018 11:13		négatif	négatif	0.000
71	04/06/2018 23:13				0.000
72	05/06/2018 11:13				0.000
73	05/06/2018 23:13				0.000
74	06/06/2018 11:13				0.000
75	06/06/2018 23:13		négatif	négatif	0.000
76	07/06/2018 11:13				0.000
77	07/06/2018 23:13				0.000
78	08/06/2018 11:13				0.000
79	08/06/2018 23:13				0.000
80	09/06/2018 11:13		négatif	négatif	0.000
81	09/06/2018 23:13				
82	10/06/2018 11:13				
83	10/06/2018 23:13				

MONTBRUN – ANALYSES POUR L'URANINE

N° d'éch.	Date et heure de prélèvement	C° Brute en µg/L	Spectre émission	Spectre excitation	C° nette en µg/L
26	14/05/2018 16:45		négatif	négatif	0.000
27	15/05/2018 04:45				0.000
28	15/05/2018 16:45		négatif	négatif	0.000
29	16/05/2018 04:45				0.000
30	16/05/2018 16:45		négatif	négatif	0.000
31	17/05/2018 04:45				0.000
32	17/05/2018 16:45		négatif	négatif	0.000
33	18/05/2018 04:45				0.000
34	18/05/2018 16:45		négatif	négatif	0.000
35	19/05/2018 04:45				0.000
36	19/05/2018 16:45		négatif	négatif	0.000
37	20/05/2018 04:45				0.000
38	20/05/2018 16:45		négatif	négatif	0.000
39	21/05/2018 04:45				0.000
40	21/05/2018 16:45		négatif	négatif	0.000
41	22/05/2018 04:45				0.000
42	22/05/2018 16:45		négatif	négatif	0.000
43	23/05/2018 04:45				0.000
44	23/05/2018 16:45		négatif	négatif	0.000
45	23/05/2018 19:30				0.000
46	24/05/2018 07:30		négatif	négatif	0.000
47	24/05/2018 19:30				0.000
48	25/05/2018 07:30		négatif	négatif	0.000

MONTBRUN – ANALYSES POUR LA NAPHTIONATE

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
1	29/04/2018 08:00		négatif	négatif	0.000
2	02/05/2018 11:40				0.000
3	02/05/2018 23:40		négatif	négatif	0.000
4	03/05/2018 11:40				0.000
5	03/05/2018 23:40		négatif	négatif	0.000
6	04/05/2018 11:40				0.000
7	04/05/2018 23:40		négatif	négatif	0.000
8	05/05/2018 11:40				0.000
9	05/05/2018 23:40		négatif	négatif	0.000
10	06/05/2018 11:40				0.000
11	06/05/2018 23:40		négatif	négatif	0.000
12	07/05/2018 11:40				0.000
13	07/05/2018 23:40		négatif	négatif	0.000
14	08/05/2018 11:40				0.000
15	08/05/2018 23:40		négatif	négatif	0.000
16	09/05/2018 11:40				0.000
17	09/05/2018 23:40		négatif	négatif	0.000
18	10/05/2018 11:40				0.000
19	10/05/2018 23:40		négatif	négatif	0.000
20	11/05/2018 11:40				0.000
21	11/05/2018 23:40		négatif	négatif	0.000
22	12/05/2018 11:40				0.000

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
23	12/05/2018 23:40		négatif	négatif	0.000
24	13/05/2018 11:40				0.000
25	13/05/2018 23:40		négatif	négatif	0.000
26	14/05/2018 16:45		négatif	négatif	0.000
27	15/05/2018 04:45				0.000
28	15/05/2018 16:45		négatif	négatif	0.000
29	16/05/2018 04:45				0.000
30	16/05/2018 16:45		négatif	négatif	0.000
31	17/05/2018 04:45				0.000
32	17/05/2018 16:45		négatif	négatif	0.000
33	18/05/2018 04:45				0.000
34	18/05/2018 16:45		négatif	négatif	0.000
35	19/05/2018 04:45				0.000
36	19/05/2018 16:45		négatif	négatif	0.000
37	20/05/2018 04:45				0.000
38	20/05/2018 16:45		négatif	négatif	0.000
39	21/05/2018 04:45				0.000
40	21/05/2018 16:45		négatif	négatif	0.000
41	22/05/2018 04:45				0.000
42	22/05/2018 16:45		négatif	négatif	0.000
43	23/05/2018 04:45				0.000
44	23/05/2018 16:45		négatif	négatif	0.000

N° d éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
45	23/05/2018 19:30				0.000
46	24/05/2018 07:30		négatif	négatif	0.000
47	24/05/2018 19:30				0.000
48	25/05/2018 07:30		négatif	négatif	0.000
49	25/05/2018 09:45				0.000
50	25/05/2018 21:45		négatif	négatif	0.000
51	26/05/2018 09:45				0.000
52	26/05/2018 21:45				0.000
53	27/05/2018 09:45				0.000
54	27/05/2018 21:45				0.000
55	28/05/2018 09:45		négatif	négatif	0.000
56	28/05/2018 21:45				0.000
57	29/05/2018 09:45				0.000
58	29/05/2018 21:45				0.000
59	30/05/2018 09:45				0.000
60	30/05/2018 21:45		négatif	négatif	0.000
61	31/05/2018 09:45				0.000
62	31/05/2018 21:45				0.000
63	01/06/2018 09:45				0.000
64	01/06/2018 11:13				0.000
65	01/06/2018 23:13		négatif	négatif	0.000
66	02/06/2018 11:13				0.000

N° d éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
67	02/06/2018 23:13				0.000
68	03/06/2018 11:13				0.000
69	03/06/2018 23:13				0.000
70	04/06/2018 11:13		négatif	négatif	0.000
71	04/06/2018 23:13				0.000
72	05/06/2018 11:13				0.000
73	05/06/2018 23:13				0.000
74	06/06/2018 11:13				0.000
75	06/06/2018 23:13		négatif	négatif	0.000
76	07/06/2018 11:13				0.000
77	07/06/2018 23:13				0.000
78	08/06/2018 11:13				0.000
79	08/06/2018 23:13				0.000
80	09/06/2018 11:13		négatif	négatif	0.000
81	09/06/2018 23:13				0.000
82	10/06/2018 11:13				0.000
83	10/06/2018 23:13				0.000
84	11/06/2018 11:30				0.000
85	11/06/2018 23:30				0.000
86	12/06/2018 11:30		négatif	négatif	0.000
87	12/06/2018 23:30				0.000
88	13/06/2018 11:30				0.000

N° d'éch.	Date et heure de prélèvement	C° Brute en µg/L	Spectre émission	Spectre excitation	C° nette en µg/L
89	13/06/2018 23:30				0.000
90	14/06/2018 11:30				0.000
91	14/06/2018 23:30				0.000
92	15/06/2018 11:30		négatif	négatif	0.000
93	15/06/2018 23:30				0.000
94	16/06/2018 11:30				0.000
95	16/06/2018 23:30				0.000
96	17/06/2018 11:30				0.000
97	17/06/2018 23:30				0.000
98	18/06/2018 11:30		négatif	négatif	0.000
99	18/06/2018 23:30				0.000
100	19/06/2018 11:30				0.000
101	19/06/2018 23:30				0.000
102	20/06/2018 11:30				0.000
103	20/06/2018 23:30				0.000
104	21/06/2018 11:30		négatif	négatif	0.000
105	21/06/2018 23:30				0.000
106	22/06/2018 10:15				0.000
107	23/06/2018 10:15				0.000
108	24/06/2018 10:15				0.000
109	25/06/2018 10:15				0.000
110	26/06/2018 10:15		négatif	négatif	0.000

BONS – ANALYSES POUR LA SULFORHODAMINE B

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
1	29/04/2018 11:00		négatif	négatif	0.000
2	30/04/2018 11:00				0.000
3	01/05/2018 11:00		négatif	négatif	0.000
4	02/05/2018 11:00				0.000
5	02/05/2018 12:08		négatif	négatif	0.000
6	02/05/2018 18:08				0.000
7	03/05/2018 00:08		négatif	négatif	0.000
8	03/05/2018 06:08				0.000
9	03/05/2018 12:08		négatif	négatif	0.000
10	03/05/2018 18:08		négatif	négatif	0.000
11	04/05/2018 00:08	836.136	positif	positif	834.336
12	04/05/2018 06:08	238.834			237.034
13	04/05/2018 12:08	95.13			93.330
14	04/05/2018 18:08	58.203			56.403
15	05/05/2018 00:08	43.509			41.709
16	05/05/2018 06:08	30.276			28.476
17	05/05/2018 12:08	23.839			22.039
18	05/05/2018 18:08	19.359			17.559
19	06/05/2018 00:08	16.837			15.037
20	06/05/2018 06:08	14.895			13.095
21	06/05/2018 12:08	12.647			10.847

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
22	06/05/2018 18:08	11.33			9.530
23	07/05/2018 00:08	10.317			8.517
24	07/05/2018 06:08	9.574			7.774
25	07/05/2018 12:08	8.647			6.847
26	07/05/2018 18:08	7.730			5.930
27	08/05/2018 00:08	7.376			5.576
28	08/05/2018 06:08	6.637			4.837
29	09/05/2018 18:08	4.922			3.122
30	10/05/2018 00:08	4.75			2.950
31	10/05/2018 06:08	4.362			2.562
32	10/05/2018 12:08	4.238			2.438
33	10/05/2018 18:08	4.322			2.522
34	11/05/2018 00:08	4.224			2.424
35	11/05/2018 06:08	9.751			7.951
36	11/05/2018 12:08	4.975			3.175
37	11/05/2018 18:08	5.112			3.312
38	12/05/2018 00:08	5.006			3.206
39	12/05/2018 06:08	4.547			2.747
40	12/05/2018 12:08	4.314			2.514
41	12/05/2018 18:08	4.176			2.376

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
42	13/05/2018 00:08	4.164			2.364
43	13/05/2018 06:08	3.804			2.004
44	13/05/2018 12:08	3.737			1.937
45	13/05/2018 18:08	3.616			1.816
46	14/05/2018 00:08	3.546			1.746
47	14/05/2018 06:08	3.476			1.676
48	14/05/2018 12:08	3.388			1.588
49	14/05/2018 18:08	3.134			1.334
50	15/05/2018 00:08	3.076			1.276
51	15/05/2018 06:08	3.112			1.312
52	15/05/2018 12:08	3.102			1.302
53	15/05/2018 18:08	3.081			1.281
54	16/05/2018 00:08	3.264			1.464
55	16/05/2018 06:08	3.895			2.095
56	16/05/2018 12:08	4.096			2.296
57	16/05/2018 18:08	3.943			2.143
58	17/05/2018 00:08	3.631			1.831
59	17/05/2018 06:08	3.486			1.686
60	17/05/2018 12:08	3.313			1.513
61	17/05/2018 18:08	3.272			1.472
62	18/05/2018 00:08	3.38			1.580

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
63	18/05/2018 06:08	3.069			1.269
64	18/05/2018 12:08	2.976			1.176
65	18/05/2018 18:08	2.983			1.183
66	19/05/2018 00:08	2.915			1.115
67	19/05/2018 06:08	2.958			1.158
68	19/05/2018 12:08	2.848			1.048
69	19/05/2018 18:08	2.762			0.962
70	20/05/2018 00:08	2.712			0.912
71	20/05/2018 06:08	2.797			0.997
72	20/05/2018 12:08	2.773			0.973
73	20/05/2018 18:08	2.838			1.038
74	21/05/2018 00:08	2.733			0.933
75	21/05/2018 06:08	2.624			0.824
76	21/05/2018 12:08	2.501			0.701
77	21/05/2018 18:08	2.465			0.665
78	22/05/2018 00:08	2.417			0.617
79	22/05/2018 19:20	2.172			0.372
80	23/05/2018 01:20	2.139			0.339
81	23/05/2018 07:20	2.199			0.399
82	23/05/2018 13:20	2.106			0.306

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
83*	23/05/2018 19:20				
84	24/05/2018 01:20	2.050			0.250
85	24/05/2018 07:20	2.083			0.283
86	24/05/2018 13:20	2.088			0.288
87	24/05/2018 19:20	2.098			0.298
88	25/05/2018 01:20	2.124			0.324
89	25/05/2018 07:20	1.980	positif	positif	0.180
90	25/05/2018 13:20	2.002			0.202
91	26/05/2018 01:20				
92	26/05/2018 13:20				
93	27/05/2018 01:20				
94	27/05/2018 13:20				
95	28/05/2018 01:20	1.939			0.139
96	28/05/2018 13:20				
97	29/05/2018 01:20				
98	29/05/2018 13:20				
99	30/05/2018 01:20				
100	30/05/2018 13:20	1.971	positif très faible	positif très faible	0.171
101	31/05/2018 01:20				
102	31/05/2018 13:20				
103	01/06/2018 01:20				

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N° d'éch	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
104	01/06/2018 13:20				
105	02/06/2018 01:20	1.869			
106	02/06/2018 13:20				
107	03/06/2018 01:20				
108	03/06/2018 13:20				
109	04/06/2018 01:20				
110	04/06/2018 13:20	1.919			
111	05/06/2018 01:20				
112	05/06/2018 13:20				
113	06/06/2018 01:20				
114	06/06/2018 13:20				
115	07/06/2018 01:20	1.957			
116	07/06/2018 13:20				
117	08/06/2018 01:20				
118	08/06/2018 13:20				
119	09/06/2018 01:20				
120	09/06/2018 13:20	1.800	négatif	négatif	0.000
121	10/06/2018 01:20				
122	10/06/2018 13:20				
123	11/06/2018 01:20				

BONS – ANALYSES POUR L'URANINE

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
1	29/04/2018 11:00		négatif	négatif	0.000
2	30/04/2018 11:00				0.000
3	01/05/2018 11:00		négatif	négatif	0.000
4	02/05/2018 11:00				0.000
5	02/05/2018 12:08		négatif	négatif	0.000
6	02/05/2018 18:08				0.000
7	03/05/2018 00:08		négatif	négatif	0.000
8	03/05/2018 06:08				0.000
9	03/05/2018 12:08		négatif	négatif	0.000
10	03/05/2018 18:08				0.000
11	04/05/2018 00:08		négatif	négatif	0.000
12	04/05/2018 06:08				0.000
13	04/05/2018 12:08		négatif	négatif	0.000
14	04/05/2018 18:08				0.000
15	05/05/2018 00:08		négatif	négatif	0.000
16	05/05/2018 06:08				0.000
17	05/05/2018 12:08		négatif	négatif	0.000
18	05/05/2018 18:08				0.000
19	06/05/2018 00:08		négatif	négatif	0.000
20	06/05/2018 06:08				0.000
21	06/05/2018 12:08		négatif	négatif	0.000

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
22	06/05/2018 18:08				0.000
23	07/05/2018 00:08		négatif	négatif	0.000
24	07/05/2018 06:08				0.000
25	07/05/2018 12:08		négatif	négatif	0.000
26	07/05/2018 18:08				0.000
27	08/05/2018 00:08		négatif	négatif	0.000
28	08/05/2018 06:08		négatif	négatif	0.000
29	09/05/2018 18:08		négatif	négatif	0.000
30	10/05/2018 00:08				0.000
31	10/05/2018 06:08		négatif	négatif	0.000
32	10/05/2018 12:08	0.115	positif très très faible	positif très très faible	0.041
33	10/05/2018 18:08	0.233	positif	positif	0.159
34	11/05/2018 00:08	0.593			0.519
35	11/05/2018 06:08	2.045			1.971
36	11/05/2018 12:08	5.828			5.754
37	11/05/2018 18:08	12.639			12.565
38	12/05/2018 00:08	20.224			20.15
39	12/05/2018 06:08	29.236			29.162
40	12/05/2018 12:08	41.506			41.432
41	12/05/2018 18:08	55.201			55.127

N° d éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
42	13/05/2018 00:08	73.747			73.673
43	13/05/2018 06:08	87.1002			87.0262
44	13/05/2018 12:08	94.902			94.828
45	13/05/2018 18:08	95.029			94.955
46	14/05/2018 00:08	94.591			94.517
47	14/05/2018 06:08	90.628			90.554
48	14/05/2018 12:08	84.423			84.349
49	14/05/2018 18:08	80.544			80.47
50	15/05/2018 00:08	68.359			68.285
51	15/05/2018 06:08	55.398			55.324
52	15/05/2018 12:08	47.684			47.61
53	15/05/2018 18:08	39.25			39.176
54	16/05/2018 00:08	34.229			34.155
55	16/05/2018 06:08	31.606			31.532
56	16/05/2018 12:08	27.431			27.357
57	16/05/2018 18:08	23.313			23.239
58	17/05/2018 00:08	19.801			19.727
59	17/05/2018 06:08	18.348			18.274
60	17/05/2018 12:08	16.487			16.413
61	17/05/2018 18:08	14.794			14.72
62	18/05/2018 00:08	13.806			13.732

N° d éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
63	18/05/2018 06:08	13.391			13.317
64	18/05/2018 12:08	13.051			12.977
65	18/05/2018 18:08	12.459			12.385
66	19/05/2018 00:08	13.215			13.141
67	19/05/2018 06:08	13.166			13.092
68	19/05/2018 12:08	13.59			13.516
69	19/05/2018 18:08	13.414			13.34
70	20/05/2018 00:08	13.143			13.069
71	20/05/2018 06:08	12.513			12.439
72	20/05/2018 12:08	12.865			12.791
73	20/05/2018 18:08	12.333			12.259
74	21/05/2018 00:08	12.126			12.052
75	21/05/2018 06:08	11.896			11.822
76	21/05/2018 12:08	11.889			11.815
77	21/05/2018 18:08	11.809			11.735
78	22/05/2018 00:08	11.585			11.511
79	22/05/2018 19:20	2.616			2.542
80	23/05/2018 01:20	2.437			2.363
81	23/05/2018 07:20	2.757			2.683
82	23/05/2018 13:20	3.146			3.072

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
83*	23/05/2018 19:20				
84	24/05/2018 01:20	3.685			3.611
85	24/05/2018 07:20	3.909			3.835
86	24/05/2018 13:20	3.918			3.844
87	24/05/2018 19:20	4.063			3.989
88	25/05/2018 01:20	4.357			4.283
89	25/05/2018 07:20	4.382	positif	positif	4.308
90	25/05/2018 13:20	4.703			4.629
91	26/05/2018 01:20				
92	26/05/2018 13:20				
93	27/05/2018 01:20				
94	27/05/2018 13:20				
95	28/05/2018 01:20	5.833			5.759
96	28/05/2018 13:20				
97	29/05/2018 01:20				
98	29/05/2018 13:20				
99	30/05/2018 01:20				
100	30/05/2018 13:20	1.52			1.446
101	31/05/2018 01:20				
102	31/05/2018 13:20				
103	01/06/2018 01:20				

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N° d'éch	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
104	01/06/2018 13:20				
105	02/06/2018 01:20	1.366			1.292
106	02/06/2018 13:20				
107	03/06/2018 01:20				
108	03/06/2018 13:20				
109	04/06/2018 01:20				
110	04/06/2018 13:20	2.775			2.701
111	05/06/2018 01:20				
112	05/06/2018 13:20				
113	06/06/2018 01:20				
114	06/06/2018 13:20				
115	07/06/2018 01:20	2.796			2.722
116	07/06/2018 13:20				
117	08/06/2018 01:20				
118	08/06/2018 13:20				
119	09/06/2018 01:20				
120	09/06/2018 13:20	1.386	positif	positif	1.312
121	10/06/2018 01:20				
122	10/06/2018 13:20				
123	11/06/2018 01:20				
124	11/06/2018 13:20				

N° d'éch	Date et heure de prélèvement	C° Brute en µg/L	Spectre émission	Spectre excitation	C° nette en µg/L
125	12/06/2018 01:20	1.990			1.916
126	12/06/2018 13:20				
127	13/06/2018 01:20				
128	13/06/2018 13:20				
129	14/06/2018 01:20				
130	14/06/2018 13:20				
131	15/06/2018 01:20	2.461			2.387
132	15/06/2018 13:20				
133	16/06/2018 01:20				
134	16/06/2018 13:20				
135	17/06/2018 01:20				
136	17/06/2018 13:20				
137	18/06/2018 01:20	2.674			2.600
138	18/06/2018 13:20				
139	19/06/2018 01:20				
140	19/06/2018 13:20				
141	20/06/2018 01:20				
142	20/06/2018 13:20				
143	21/06/2018 01:20	2.791			2.717
144	21/06/2018 13:20				
145	22/06/2018 01:20				
146	22/06/2018 13:20				
147	23/06/2018 13:20				
148	24/06/2018 13:20				
149	25/06/2018 13:20	2.892			2.818
150	26/06/2018 13:20				

BONS – ANALYSES POUR LA NAPHTIONATE

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
1	29/04/2018 11:00		négatif	négatif	0.000
2	30/04/2018 11:00				0.000
3	01/05/2018 11:00		négatif	négatif	0.000
4	02/05/2018 11:00				0.000
5	02/05/2018 12:08		négatif	négatif	0.000
6	02/05/2018 18:08				0.000
7	03/05/2018 00:08		négatif	négatif	0.000
8	03/05/2018 06:08				0.000
9	03/05/2018 12:08		négatif	négatif	0.000
10	03/05/2018 18:08				0.000
11	04/05/2018 00:08		négatif	négatif	0.000
12	04/05/2018 06:08				0.000
13	04/05/2018 12:08		négatif	négatif	0.000
14	04/05/2018 18:08				0.000
15	05/05/2018 00:08		négatif	négatif	0.000
16	05/05/2018 06:08				0.000
17	05/05/2018 12:08		négatif	négatif	0.000
18	05/05/2018 18:08				0.000
19	06/05/2018 00:08		négatif	négatif	0.000
20	06/05/2018 06:08				0.000
21	06/05/2018 12:08		négatif	négatif	0.000

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
22	06/05/2018 18:08				0.000
23	07/05/2018 00:08		négatif	négatif	0.000
24	07/05/2018 06:08				0.000
25	07/05/2018 12:08		négatif	négatif	0.000
26	07/05/2018 18:08				0.000
27	08/05/2018 00:08		négatif	négatif	0.000
28	08/05/2018 06:08		négatif	négatif	0.000
29	09/05/2018 18:08		négatif	négatif	0.000
30	10/05/2018 00:08				0.000
31	10/05/2018 06:08		négatif	négatif	0.000
32	10/05/2018 12:08				0.000
33	10/05/2018 18:08		négatif	négatif	0.000
34	11/05/2018 00:08				0.000
35	11/05/2018 06:08		négatif	négatif	0.000
36	11/05/2018 12:08				0.000
37	11/05/2018 18:08		négatif	négatif	0.000
38	12/05/2018 00:08				0.000
39	12/05/2018 06:08		négatif	négatif	0.000
40	12/05/2018 12:08				0.000
41	12/05/2018 18:08		négatif	négatif	0.000

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
42	13/05/2018 00:08				0.000
43	13/05/2018 06:08		négatif	négatif	0.000
44	13/05/2018 12:08				0.000
45	13/05/2018 18:08		négatif	négatif	0.000
46	14/05/2018 00:08				0.000
47	14/05/2018 06:08		négatif	négatif	0.000
48	14/05/2018 12:08		négatif	négatif	0.000
49	14/05/2018 18:08		négatif	négatif	0.000
50	15/05/2018 00:08				0.000
51	15/05/2018 06:08		négatif	négatif	0.000
52	15/05/2018 12:08				0.000
53	15/05/2018 18:08		négatif	négatif	0.000
54	16/05/2018 00:08				0.000
55	16/05/2018 06:08		négatif	négatif	0.000
56	16/05/2018 12:08				0.000
57	16/05/2018 18:08		négatif	négatif	0.000
58	17/05/2018 00:08				0.000
59	17/05/2018 06:08		négatif	négatif	0.000
60	17/05/2018 12:08				0.000
61	17/05/2018 18:08		négatif	négatif	0.000
62	18/05/2018 00:08				0.000

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
63	18/05/2018 06:08		négatif	négatif	0.000
64	18/05/2018 12:08				0.000
65	18/05/2018 18:08		négatif	négatif	0.000
66	19/05/2018 00:08				0.000
67	19/05/2018 06:08		négatif	négatif	0.000
68	19/05/2018 12:08		négatif	négatif	0.000
69	19/05/2018 18:08		négatif	négatif	0.000
70	20/05/2018 00:08				0.000
71	20/05/2018 06:08		négatif	négatif	0.000
72	20/05/2018 12:08				0.000
73	20/05/2018 18:08		négatif	négatif	0.000
74	21/05/2018 00:08				0.000
75	21/05/2018 06:08		négatif	négatif	0.000
76	21/05/2018 12:08				0.000
77	21/05/2018 18:08		négatif	négatif	0.000
78	22/05/2018 00:08				0.000
79	22/05/2018 19:20		négatif	négatif	0.000
80	23/05/2018 01:20				0.000
81	23/05/2018 07:20		négatif	négatif	0.000
82	23/05/2018 13:20				0.000

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
83*	23/05/2018 19:20				
84	24/05/2018 01:20				0.000
85	24/05/2018 07:20		négatif	négatif	0.000
86	24/05/2018 13:20				0.000
87	24/05/2018 19:20		négatif	négatif	0.000
88	25/05/2018 01:20				0.000
89	25/05/2018 07:20		négatif	négatif	0.000
90	25/05/2018 13:20				0.000
91	26/05/2018 01:20				0.000
92	26/05/2018 13:20		négatif	négatif	0.000
93	27/05/2018 01:20				0.000
94	27/05/2018 13:20				0.000
95	28/05/2018 01:20				0.000
96	28/05/2018 13:20				0.000
97	29/05/2018 01:20		négatif	négatif	0.000
98	29/05/2018 13:20				0.000
99	30/05/2018 01:20				0.000
100	30/05/2018 13:20				0.000
101	31/05/2018 01:20				0.000
102**	31/05/2018 13:20		négatif	négatif	0.000
103	01/06/2018 01:20				0.000

* cassé ** Bruit de font

N° d'éch	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
104	01/06/2018 13:20				0.000
105	02/06/2018 01:20				0.000
106	02/06/2018 13:20				0.000
107	03/06/2018 01:20		négatif	négatif	0.000
108	03/06/2018 13:20				0.000
109	04/06/2018 01:20				0.000
110	04/06/2018 13:20				0.000
111	05/06/2018 01:20				0.000
112	05/06/2018 13:20		négatif	négatif	0.000
113	06/06/2018 01:20				0.000
114	06/06/2018 13:20				0.000
115	07/06/2018 01:20				0.000
116	07/06/2018 13:20				0.000
117**	08/06/2018 01:20		négatif	négatif	0.000
118	08/06/2018 13:20				0.000
119	09/06/2018 01:20				0.000
120	09/06/2018 13:20				0.000
121	10/06/2018 01:20				0.000
122	10/06/2018 13:20		négatif	négatif	0.000
123	11/06/2018 01:20				0.000
124	11/06/2018 13:20				0.000

N° d'éch	Date et heure de prélèvement	C° Brute en µg/L	Spectre émission	Spectre excitation	C° nette en µg/L
125	12/06/2018 01:20				0.000
126	12/06/2018 13:20				0.000
127	13/06/2018 01:20				0.000
128**	13/06/2018 13:20		négatif	négatif	0.000
129	14/06/2018 01:20				0.000
130	14/06/2018 13:20				0.000
131	15/06/2018 01:20				0.000
132	15/06/2018 13:20				0.000
133	16/06/2018 01:20				0.000
134	16/06/2018 13:20		négatif	négatif	0.000
135	17/06/2018 01:20				0.000
136	17/06/2018 13:20				0.000
137	18/06/2018 01:20				0.000
138	18/06/2018 13:20				0.000
139	19/06/2018 01:20				0.000
140	19/06/2018 13:20		négatif	négatif	0.000
141	20/06/2018 01:20				0.000
142	20/06/2018 13:20				0.000
143	21/06/2018 01:20				0.000
144	21/06/2018 13:20				0.000
145	22/06/2018 01:20				0.000
146	22/06/2018 13:20		négatif	négatif	0.000
147	23/06/2018 13:20				0.000
148	24/06/2018 13:20				0.000
149	25/06/2018 13:20				0.000
150	26/06/2018 13:20				0.000

AYRISSAC – ANALYSES POUR L'URANINE

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
1	27/04/2018 08:00		négatif	négatif	0.000
2	28/04/2018 08:00				0.000
3	29/04/2018 08:00				0.000
4	30/04/2018 08:00				0.000
5	01/05/2018 08:00		négatif	négatif	0.000
6	02/05/2018 08:00				0.000
7	03/05/2018 08:00				0.000
8	03/05/2018 11:50				0.000
9	03/05/2018 23:50		négatif	négatif	0.000
10	04/05/2018 11:50				0.000
11	04/05/2018 23:50				0.000
12	05/05/2018 11:50				0.000
13	05/05/2018 23:50		négatif	négatif	0.000
14	06/05/2018 11:50				0.000
15	06/05/2018 23:50				0.000
16	07/05/2018 11:50				0.000
17	07/05/2018 23:50		négatif	négatif	0.000
18	08/05/2018 11:50				0.000
19	08/05/2018 23:50				0.000
20	09/05/2018 11:50				0.000

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
21	09/05/2018 23:50		négatif	négatif	0.000
22	10/05/2018 11:50				0.000
23	10/05/2018 23:50				0.000
24	11/05/2018 11:50				0.000
25	11/05/2018 23:50		négatif	négatif	0.000
26	12/05/2018 11:50				0.000
27	12/05/2018 23:50		négatif	négatif	0.000
28	13/05/2018 11:50				0.000
29	13/05/2018 23:50				0.000
30	14/05/2018 11:50		négatif	négatif	0.000
31	14/05/2018 23:50				0.000
32	15/05/2018 11:50		négatif	négatif	0.000
33	15/05/2018 23:50				0.000
34	16/05/2018 11:50		négatif	négatif	0.000
35	16/05/2018 23:50				0.000
36	17/05/2018 11:50		négatif	négatif	0.000
37	17/05/2018 23:50				0.000
38	18/05/2018 11:50		négatif	négatif	0.000
39	18/05/2018 23:50		négatif	négatif	0.000
40	19/05/2018 11:50	0.196	positif	positif	0.139

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
41	19/05/2018 23:50	19.604			19.547
42	20/05/2018 11:50	21.226			21.169
43	20/05/2018 23:50	33.594			33.537
44	21/05/2018 11:50	55.313			55.256
45	21/05/2018 23:50	94.464			94.407
46	22/05/2018 11:30	116.212			116.155
47	22/05/2018 17:30	111.092			111.035
48	22/05/2018 23:30	107.552			107.495
49	23/05/2018 05:30	101.262			101.205
50	23/05/2018 11:30	95.988			95.931
51	23/05/2018 17:30	92.984			92.927
52	23/05/2018 23:30	83.125			83.068
53	24/05/2018 05:30	69.163			69.106
54	24/05/2018 11:30	63.578			63.521
55	24/05/2018 17:30	53.833			53.776
56	24/05/2018 23:30	48.149			48.092
57	25/05/2018 05:30	43.086	positif	positif	43.029
58	25/05/2018 11:45	44.458			44.401
59	25/05/2018 19:45	38.888			38.831
60	26/05/2018 03:45	34.191			34.134

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
61	26/05/2018 11:45	31.921			31.864
62	26/05/2018 19:45	30.496			30.439
63	27/05/2018 03:45	27.675			27.618
64	27/05/2018 11:45	26.251			26.194
65	27/05/2018 19:45	23.966			23.909
66	28/05/2018 03:45	23.247			23.19
67	28/05/2018 11:45	21.357			21.3
68	28/05/2018 19:45	20.539			20.482
69	29/05/2018 03:45	19.27			19.213
70	29/05/2018 11:45	17.253			17.196
71	29/05/2018 19:45	11.925			11.868
72	30/05/2018 03:45	13.75			13.693
73	30/05/2018 11:45	13.957			13.9
74	30/05/2018 19:45	12.084			12.027
75	31/05/2018 03:45	9.953			9.896
76	31/05/2018 11:45	9.369			9.312
77	31/05/2018 19:45	12.802			12.745
78	01/06/2018 03:45	12.102			12.045
79	01/06/2018 11:45	11.94			11.883
80	01/06/2018 15:30	12.466			12.409

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
81	02/06/2018 03:30	10.523			10.466
82	02/06/2018 15:30	9.29			9.233
83	03/06/2018 03:30	7.942			7.885
84	03/06/2018 15:30	7.192			7.135
85	04/06/2018 03:30	6.78			6.723
86	04/06/2018 15:30	7.499			7.442
87	05/06/2018 03:30	8.089			8.032
88	05/06/2018 15:30	7.799			7.742
89	06/06/2018 03:30	6.804			6.747
90	06/06/2018 15:30	6.077			6.02
91	07/06/2018 03:30	5.47			5.413
92	07/06/2018 15:30	4.858			4.801
93	08/06/2018 03:30	4.516			4.459
94	08/06/2018 15:30	4.42			4.363
95	09/06/2018 03:30	4.267			4.21
96	09/06/2018 15:30	4.319			4.262
97	10/06/2018 03:30	4.155			4.098
98	10/06/2018 15:30	2.642			2.585
99	11/06/2018 03:30	2.921	positif	positif	2.864
100	11/06/2018 15:30				

N° d'éch	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
101	12/06/2018 03:30				
102	12/06/2018 15:30				
103	13/06/2018 03:30				
104	13/06/2018 15:30				
105	14/06/2018 03:30	2.64			2.583
106	14/06/2018 15:30				
107	15/06/2018 03:30				
108	15/06/2018 15:30				
109	16/06/2018 03:30				
110	16/06/2018 15:30	2.403			2.346
111	17/06/2018 03:30				
112	17/06/2018 15:30				
113	18/06/2018 03:30				
114	18/06/2018 15:30				
115	22/06/2018 13:55	2.041			1.984
116	23/06/2018 13:55				
117	24/06/2018 13:55				
118	25/06/2018 13:55				
119	26/06/2018 13:55				

AYRISSAC – ANALYSES POUR LA NAPHTIONATE

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
1	27/04/2018 08:00		négatif	négatif	0.000
2	28/04/2018 08:00				0.000
3	29/04/2018 08:00		négatif	négatif	0.000
4	30/04/2018 08:00				0.000
5	01/05/2018 08:00		négatif	négatif	0.000
6	02/05/2018 08:00				0.000
7	03/05/2018 08:00		négatif	négatif	0.000
8	03/05/2018 11:50				0.000
9	03/05/2018 23:50		négatif	négatif	0.000
10	04/05/2018 11:50				0.000
11	04/05/2018 23:50		négatif	négatif	0.000
12	05/05/2018 11:50				0.000
13	05/05/2018 23:50		négatif	négatif	0.000
14	06/05/2018 11:50				0.000
15	06/05/2018 23:50		négatif	négatif	0.000
16	07/05/2018 11:50				0.000
17	07/05/2018 23:50		négatif	négatif	0.000
18	08/05/2018 11:50				0.000
19	08/05/2018 23:50		négatif	négatif	0.000
20	09/05/2018 11:50				0.000

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
21	09/05/2018 23:50		négatif	négatif	0.000
22	10/05/2018 11:50				0.000
23	10/05/2018 23:50		négatif	négatif	0.000
24	11/05/2018 11:50				0.000
25	11/05/2018 23:50		négatif	négatif	0.000
26	12/05/2018 11:50				0.000
27	12/05/2018 23:50		négatif	négatif	0.000
28	13/05/2018 11:50				0.000
29	13/05/2018 23:50		négatif	négatif	0.000
30	14/05/2018 11:50		négatif	négatif	0.000
31	14/05/2018 23:50				0.000
32	15/05/2018 11:50		négatif	négatif	0.000
33	15/05/2018 23:50				0.000
34	16/05/2018 11:50		négatif	négatif	0.000
35	16/05/2018 23:50				0.000
36	17/05/2018 11:50		négatif	négatif	0.000
37	17/05/2018 23:50				0.000
38	18/05/2018 11:50		négatif	négatif	0.000
39	18/05/2018 23:50				0.000
40	19/05/2018 11:50		négatif	négatif	0.000

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
41	19/05/2018 23:50				0.000
42	20/05/2018 11:50		négatif	négatif	0.000
43	20/05/2018 23:50				0.000
44	21/05/2018 11:50		négatif	négatif	0.000
45	21/05/2018 23:50				0.000
46	22/05/2018 11:30		négatif	négatif	0.000
47	22/05/2018 17:30				0.000
48	22/05/2018 23:30		négatif	négatif	0.000
49	23/05/2018 05:30				0.000
50	23/05/2018 11:30		négatif	négatif	0.000
51	23/05/2018 17:30				0.000
52	23/05/2018 23:30		négatif	négatif	0.000
53	24/05/2018 05:30				0.000
54	24/05/2018 11:30		négatif	négatif	0.000
55	24/05/2018 17:30				0.000
56	24/05/2018 23:30		négatif	négatif	0.000
57	25/05/2018 05:30		négatif	négatif	0.000
58	25/05/2018 11:45		négatif	négatif	0.000
59	25/05/2018 19:45				0.000
60	26/05/2018 03:45				0.000

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
61	26/05/2018 11:45				0.000
62	26/05/2018 19:45				0.000
63	27/05/2018 03:45		négatif	négatif	0.000
64	27/05/2018 11:45				0.000
65	27/05/2018 19:45				0.000
66	28/05/2018 03:45				0.000
67	28/05/2018 11:45				0.000
68	28/05/2018 19:45		négatif	négatif	0.000
69	29/05/2018 03:45				0.000
70	29/05/2018 11:45				0.000
71	29/05/2018 19:45				0.000
72	30/05/2018 03:45				0.000
73	30/05/2018 11:45		négatif	négatif	0.000
74	30/05/2018 19:45				0.000
75	31/05/2018 03:45				0.000
76	31/05/2018 11:45				0.000
77	31/05/2018 19:45				0.000
78	01/06/2018 03:45		négatif	négatif	0.000
79	01/06/2018 11:45				0.000
80	01/06/2018 15:30				0.000

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
81	02/06/2018 03:30				0.000
82	02/06/2018 15:30				0.000
83	03/06/2018 03:30		négatif	négatif	0.000
84	03/06/2018 15:30				0.000
85	04/06/2018 03:30				0.000
86	04/06/2018 15:30				0.000
87	05/06/2018 03:30				0.000
88	05/06/2018 15:30		négatif	négatif	0.000
89	06/06/2018 03:30				0.000
90	06/06/2018 15:30				0.000
91	07/06/2018 03:30				0.000
92	07/06/2018 15:30				0.000
93	08/06/2018 03:30		négatif	négatif	0.000
94	08/06/2018 15:30				0.000
95	09/06/2018 03:30				0.000
96	09/06/2018 15:30				0.000
97	10/06/2018 03:30				0.000
98	10/06/2018 15:30		négatif	négatif	0.000
99	11/06/2018 03:30				0.000
100	11/06/2018 15:30				0.000

N° d'éch	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
101	12/06/2018 03:30				0.000
102	12/06/2018 15:30				0.000
103	13/06/2018 03:30				0.000
104	13/06/2018 15:30		négatif	négatif	0.000
105	14/06/2018 03:30				0.000
106	14/06/2018 15:30				0.000
107	15/06/2018 03:30				0.000
108	15/06/2018 15:30				0.000
109	16/06/2018 03:30				0.000
110	16/06/2018 15:30		négatif	négatif	0.000
111	17/06/2018 03:30				0.000
112	17/06/2018 15:30				0.000
113	18/06/2018 03:30				0.000
114	18/06/2018 15:30				0.000
115	22/06/2018 13:55				0.000
116	23/06/2018 13:55		négatif	négatif	0.000
117	24/06/2018 13:55				0.000
118	25/06/2018 13:55				0.000
119	26/06/2018 13:55				0.000

MONTBRUN – ECOLE

N° d'éch.	Date et heure de prélèvement	C° Brute en µg/L	Spectre émission	Spectre excitation	C° nette en µg/L
EOSINE					
1	05/05/2018 09:15		négatif	négatif	0.000
2	09/05/2018 10:10		négatif	négatif	0.000
3	13/05/2018 09:30		négatif	négatif	0.000
4	17/05/2018 08:15		négatif	négatif	0.000
5	21/05/2018 08:21		négatif	négatif	0.000
6	25/05/2018 09:55		négatif	négatif	0.000
7	01/06/2018 11:35		négatif	négatif	0.000
8	11/06/2018 12:20		négatif	négatif	0.000
URANINE					
4	17/05/2018 08:15		négatif	négatif	0.000
5	21/05/2018 08:21		négatif	négatif	0.000
6	25/05/2018 09:55		négatif	négatif	0.000
NAPHTIONATE					
1	05/05/2018 09:15		négatif	négatif	0.000
2	09/05/2018 10:10		négatif	négatif	0.000
3	13/05/2018 09:30		négatif	négatif	0.000
4	17/05/2018 08:15		négatif	négatif	0.000
5	21/05/2018 08:21		négatif	négatif	0.000
6	25/05/2018 09:55		négatif	négatif	0.000
7	01/06/2018 11:35		négatif	négatif	0.000
8	11/06/2018 12:20		négatif	négatif	0.000
9	22/06/2018 10:35		négatif	négatif	0.000
10	26/06/2018 13:09		négatif	négatif	0.000

SAINT-AFFRE

N° d'éch.	Date et heure de prélèvement	C° Brute en µg/L	Spectre émission	Spectre excitation	C° nette en µg/L
URANINE					
blanc	27/04/2018 10:20		négatif	négatif	0.000
1	04/05/2018 13:00		négatif	négatif	0.000
2	09/05/2018 13:40		négatif	négatif	0.000
3	11/05/2018 18:50		négatif	négatif	0.000
4	15/05/2018 09:00		négatif	négatif	0.000
5	17/05/2018 08:30		négatif	négatif	0.000
6	21/05/2018 08:37		négatif	négatif	0.000
7	25/05/2018 10:05		négatif	négatif	0.000
NAPHTIONATE					
blanc	27/04/2018 10:20		négatif	négatif	0.000
1	04/05/2018 13:00		négatif	négatif	0.000
2	09/05/2018 13:40		négatif	négatif	0.000
3	11/05/2018 18:50		négatif	négatif	0.000
4	15/05/2018 09:00		négatif	négatif	0.000
5	17/05/2018 08:30		négatif	négatif	0.000
6	21/05/2018 08:37		négatif	négatif	0.000
7	25/05/2018 10:05		négatif	négatif	0.000
8	01/06/2018 11:50		négatif	négatif	0.000
9	11/06/2018 12:10		négatif	négatif	0.000
10	22/06/2018 10:45		négatif	négatif	0.000
11	26/06/2018 13:18		négatif	négatif	0.000
SULFORHODAMINE B					
blanc	27/04/2018 10:20		négatif	négatif	0.000
1	04/05/2018 13:00		négatif	négatif	0.000
2	09/05/2018 13:40		négatif	négatif	0.000
3	11/05/2018 18:50		négatif	négatif	0.000

BUAL

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
URANINE					
blanc	27/04/2018 13:00		négatif	négatif	0.000
1	05/05/2018 10:10		négatif	négatif	0.000
2	09/05/2018 15:35		négatif	négatif	0.000
3	13/05/2018 10:40		négatif	négatif	0.000
4	18/05/2018 08:15	0.323	positif	positif	0.266
5	21/05/2018 09:39		négatif	négatif	0.000
6	25/05/2018 11:00		négatif	négatif	0.000
NAPHTIONATE					
blanc	27/04/2018 13:00		négatif	négatif	0.000
1	05/05/2018 10:10		négatif	négatif	0.000
2	09/05/2018 15:35		négatif	négatif	0.000
3	13/05/2018 10:40		négatif	négatif	0.000
4	18/05/2018 08:15		négatif	négatif	0.000
5	21/05/2018 09:39		négatif	négatif	0.000
6	25/05/2018 11:00		négatif	négatif	0.000
7	01/06/2018 14:10		négatif	négatif	0.000
8	11/06/2018 16:05		négatif	négatif	0.000
9	22/06/2018 13:10		négatif	négatif	0.000
10	26/06/2018 15:15		négatif	négatif	0.000

PESQUIE

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
URANINE					
blanc	27/04/2018 12:37		négatif	négatif	0.000
1	05/05/2018 11:40		négatif	négatif	0.000
2	09/05/2018 16:00		négatif	négatif	0.000
3	13/05/2018 11:00		négatif	négatif	0.000
4	17/05/2018 09:45		négatif	négatif	0.000
5	21/05/2018 10:05		négatif	négatif	0.000
6	25/05/2018 11:10		négatif	négatif	0.000
NAPHTIONATE					
blanc	27/04/2018 12:37		négatif	négatif	0.000
1	05/05/2018 11:40		négatif	négatif	0.000
2	09/05/2018 16:00		négatif	négatif	0.000
3	13/05/2018 11:00		négatif	négatif	0.000
4	17/05/2018 09:45		négatif	négatif	0.000
5	21/05/2018 10:05		négatif	négatif	0.000
6	25/05/2018 11:10		négatif	négatif	0.000
7	01/06/2018 14:30		négatif	négatif	0.000
8	11/06/2018 15:50		négatif	négatif	0.000
9	22/06/2018 13:20		négatif	négatif	0.000
10	26/06/2018 15:30		négatif	négatif	0.000

CADRIEU

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
EOSINE					
blanc	27/04/2018 10:00		négatif	négatif	0.000
1	05/05/2018 08:55		négatif	négatif	0.000
2	09/05/2018 09:50		négatif	négatif	0.000
3	13/05/2018 09:15		négatif	négatif	0.000
4	17/05/2018 08:00		négatif	négatif	0.000
5	21/05/2018 08:04		négatif	négatif	0.000
6	25/05/2018 09:40		négatif	négatif	0.000
7	01/06/2018 10:40		négatif	négatif	0.000
8	11/06/2018 13:30		négatif	négatif	0.000

LACAUNHE

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
EOSINE					
blanc	28/04/2018 15:20		négatif	négatif	0.000
1	05/05/2018 11:20		négatif	négatif	0.000
2	09/05/2018 16:40		négatif	négatif	0.000
3	13/05/2018 09:11		négatif	négatif	0.000
4	17/05/2018 10:30		négatif	négatif	0.000
5	21/05/2018 11:45		négatif	négatif	0.000
6	25/05/2018 12:40		négatif	négatif	0.000
7	01/06/2018 16:20		négatif	négatif	0.000
8	11/06/2018 17:00		négatif	négatif	0.000

BONS « HAUT »

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
URANINE					
1	04/05/2018 12:00		négatif	négatif	0.000
2	11/05/2018 19:00	399.125			399.041
3	15/05/2018 13:30	415.7			415.616
NAPHTIONATE					
1	04/05/2018 12:00		négatif	négatif	0.000
2	11/05/2018 19:00		négatif	négatif	0.000
3	15/05/2018 13:30		négatif	négatif	0.000
SULFORHODAMINE B					
1	04/05/2018 12:00		négatif	négatif	0.000
2	11/05/2018 19:00		négatif	négatif	0.000

BONS « CONFLUENCE »

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
URANINE					
1	04/05/2018 15:00		négatif	négatif	0.000
2	11/05/2018 19:15	20.323			20.239
3	15/05/2018 12:05	82.608			82.524
NAPHTIONATE					
1	04/05/2018 15:00		négatif	négatif	0.000
2	11/05/2018 19:15		négatif	négatif	0.000
3	15/05/2018 12:05		négatif	négatif	0.000
SULFORHODAMINE B					
1	04/05/2018 15:00	68.028			67.349
2	11/05/2018 19:15	4.179			3.500
3	15/05/2018 12:05	2.510			1.831

LA MALEFIE

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
URANINE					
1	21/05/2018 11:10		négatif	négatif	0.000
2	25/05/2018 12:15		négatif	négatif	0.000
NAPHTIONATE					
1	21/05/2018 11:10		négatif	négatif	0.000
2	25/05/2018 12:15		négatif	négatif	0.000
3	01/06/2018 16:00		négatif	négatif	0.000
4	11/06/2018 16:20		négatif	négatif	0.000

LARROQUE-TOIRAC

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
URANINE					
1	04/05/2018 12:20		négatif	négatif	0.000
2	11/05/2018 19:25		positif ?	positif ?	
3	15/05/2018 12:00		négatif	négatif	0.000
SULFORHODAMINE B					
1	04/05/2018 12:20		négatif	négatif	0.000
2	11/05/2018 19:25		négatif	négatif	0.000

SAINT-PREGNE

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
URANINE					
1	25/05/2018 12:05		négatif	négatif	0.000
NAPHTIONATE					
1	25/05/2018 12:05		négatif	négatif	0.000

SAINT-PIERRE-TOIRAC

N° d'éch.	Date et heure de prélèvement	C° Brute en .tg/L	Spectre émission	Spectre excitation	C° nette en .tg/L
URANINE					
1	04/05/2018 12:40		négatif	négatif	0.000
2	11/05/2018 19:35		négatif	négatif	0.000
3	15/05/2018 11:50		négatif	négatif	0.000
SULFORHODAMINE B					
1	04/05/2018 12:40		négatif	négatif	0.000
2	11/05/2018 19:35		négatif	négatif	0.000

ANNEXE 3a

Valeurs brutes – Fluorimètre de Bons

timestamp_txt	Temp	LED1	LED2	LED3	Turbidité
	°C	mV	mV	mV	NTU
2018-04-27T11:23:39+02:00	13.37327099	0.847429276	0.668614388	1.002550125	0.622110588
2018-04-27T11:38:31+02:00	13.12133694	0.86352253	0.699907303	0.967383385	0.687439848
2018-04-27T11:53:31+02:00	13.14328575	0.822692871	0.66280365	0.97081089	0.68514407
2018-04-27T12:08:31+02:00	13.16323853	0.856816292	0.637172699	0.969171524	0.718897084
2018-04-27T12:23:31+02:00	13.19137192	0.842512131	0.663698196	0.989139557	0.790964517
2018-04-27T12:38:31+02:00	13.21765804	0.849067688	0.664740562	0.958592415	0.861858861
2018-04-27T12:53:31+02:00	13.23433208	0.855922699	0.672190666	0.986605644	0.993750557
2018-04-27T13:08:31+02:00	13.23254395	0.76949501	0.647455215	0.98049736	0.80138219
2018-04-27T13:23:31+02:00	13.30375671	0.94503212	0.631511688	0.981241226	0.990857792
2018-04-27T13:38:31+02:00	13.27188301	0.809729576	0.695586205	0.978409767	0.978077734
2018-04-27T13:53:31+02:00	13.26672745	0.798851013	0.641494751	0.965893745	0.845983255
2018-04-27T14:08:31+02:00	13.26832199	0.697225571	0.680238724	0.98928833	0.87653243
2018-04-27T14:23:31+02:00	13.26817322	0.841022491	0.66340065	0.95277977	1.290456501
2018-04-27T14:38:31+02:00	13.25945568	0.798254967	0.677257538	0.97110939	1.104862182
2018-04-27T14:53:31+02:00	13.25921726	0.770986557	0.690817833	0.980496407	1.079930705
2018-04-27T15:08:31+02:00	13.25760746	0.863968849	0.700653076	0.987797737	1.334961937
2018-04-27T15:23:31+02:00	13.25796509	0.808685303	0.683814049	0.959337234	1.31023082
2018-04-27T15:38:31+02:00	13.24610424	0.828207016	0.673086166	0.97990036	1.063377333
2018-04-27T15:53:31+02:00	13.24057579	0.806302071	0.679791451	0.966936111	1.094279462
2018-04-27T16:08:31+02:00	13.2440033	0.828951836	0.700950623	0.991523743	1.538554912
2018-04-27T16:23:31+02:00	13.22907257	0.790953636	0.711232185	0.946969032	1.115574351
2018-04-27T16:38:31+02:00	13.22899723	0.812411308	0.666231155	0.984371185	1.350873107
2018-04-27T16:53:31+02:00	13.22530174	0.774562836	0.649690628	0.974684715	1.281054255
2018-04-27T17:08:31+02:00	13.22478104	0.822246552	0.642538071	0.970065117	1.323587132
2018-04-27T17:23:31+02:00	13.22209835	0.851452827	0.645815849	1.008808136	1.182581947
2018-04-27T17:38:31+02:00	13.22020626	0.800639153	0.672489166	0.94473362	1.176755671
2018-04-27T17:53:31+02:00	13.21852207	0.846982002	0.68917942	0.932067871	1.198920292
2018-04-27T18:08:31+02:00	13.21521378	0.814496994	0.689774513	0.957696915	1.72006078
2018-04-27T18:23:31+02:00	13.21081829	0.787079811	0.714808464	0.938773155	1.667287775
2018-04-27T18:38:31+02:00	13.20898533	0.782012939	0.685006142	0.957399368	1.559432703
2018-04-27T18:53:31+02:00	13.20162392	0.808984756	0.675916672	0.927745819	1.607661853
2018-04-27T19:08:31+02:00	13.1949482	0.782907486	0.69975853	0.922829628	1.432188339
2018-04-27T19:23:31+02:00	13.18830299	0.793785095	0.712871552	0.939517975	1.851473592
2018-04-27T19:38:31+02:00	13.17891502	0.79974556	0.674575806	0.956058502	1.541641175
2018-04-27T19:53:31+02:00	13.17183685	0.791400909	0.705718994	0.928491592	1.632237486
2018-04-27T20:08:31+02:00	13.16556358	0.77113533	0.714509964	0.930130959	1.644126379
2018-04-27T20:23:31+02:00	13.15841103	0.79944706	0.68917942	0.927745819	1.76294119
2018-04-27T20:38:31+02:00	13.15255451	0.767856598	0.7085495	0.941902161	1.864003972
2018-04-27T20:53:31+02:00	13.14719009	0.792444229	0.694245338	0.934749603	1.731451649
2018-04-27T21:08:31+02:00	13.14049911	0.818223	0.719874382	0.924020767	1.936179584
2018-04-27T21:23:31+02:00	13.13434505	0.835209846	0.722706795	0.925510406	2.01369607
2018-04-27T21:38:31+02:00	13.1256876	0.811516762	0.701397896	0.903160095	2.10030268
2018-04-27T21:53:31+02:00	13.11877346	0.789016724	0.724196434	0.900178909	2.022741129
2018-04-27T22:08:31+02:00	13.11357307	0.910162926	0.737905502	0.926852226	2.368003991
2018-04-27T22:23:31+02:00	13.10946083	0.852496147	0.750868797	0.913440704	2.0074837
2018-04-27T22:38:31+02:00	13.10232258	0.823438644	0.764429092	0.929533958	2.059792908
2018-04-27T22:53:31+02:00	13.09569168	0.822096825	0.795125961	0.944137573	2.759440416
2018-04-27T23:08:31+02:00	13.09034252	0.822842598	0.737756729	0.906288147	2.003366536

2018-04-27T23:23:31+02:00	13.08444118	0.781416893	0.793189049	0.90822506	2.151951668
2018-04-27T23:38:31+02:00	13.07761669	0.773965836	0.788122177	0.921935081	3.793214082
2018-04-27T23:53:31+02:00	13.07041931	0.798553467	0.773518562	0.89973259	2.261793829
2018-04-28T00:08:31+02:00	13.06156826	0.768453598	0.736564636	0.932961464	2.464117087
2018-04-28T00:23:31+02:00	13.05490685	0.834911346	0.787973404	0.921190262	2.575803664
2018-04-28T00:38:31+02:00	13.04619026	0.780225754	0.754743576	0.913440704	2.417608731
2018-04-28T00:53:31+02:00	13.03908253	0.783949852	0.758022308	0.917464256	2.467331317
2018-04-28T01:08:31+02:00	13.03143787	0.809877396	0.781417847	0.91716671	2.569127317
2018-04-28T01:23:31+02:00	13.02421093	0.838935852	0.790060043	0.918954849	3.231308972
2018-04-28T01:38:31+02:00	13.01683521	0.782161713	0.772624969	0.919849396	2.772947797
2018-04-28T01:53:31+02:00	13.01443577	0.787824631	0.776946068	0.924617767	2.761052143
2018-04-28T02:08:31+02:00	13.01185799	0.877081871	0.797063828	0.948309898	2.834040812
2018-04-28T02:23:31+02:00	13.00910091	0.794679642	0.782608986	0.89839077	2.913273627
2018-04-28T02:38:31+02:00	13.00650787	0.788419724	0.811815262	0.883340836	3.028976851
2018-04-28T02:53:31+02:00	13.00366211	0.852793694	0.863372803	0.900178909	2.985173634
2018-04-28T03:08:31+02:00	13.00232124	0.823587418	0.81747818	0.90852356	3.519283182
2018-04-28T03:23:31+02:00	13.00151634	0.778287888	0.831782341	0.887512207	3.335941786
2018-04-28T03:38:31+02:00	12.9999218	0.84295845	0.824183464	0.89943409	3.395294406
2018-04-28T03:53:31+02:00	12.99831295	0.755042076	0.850260735	0.924765587	3.344711935
2018-04-28T04:08:31+02:00	12.99755287	0.84474659	0.825673103	0.902711868	3.355474887
2018-04-28T04:23:31+02:00	12.99600315	0.836253166	0.843852997	0.906140327	3.603604547
2018-04-28T04:38:31+02:00	12.99558544	0.826717377	0.766962051	0.901222229	4.118535241
2018-04-28T04:53:31+02:00	12.99507904	0.797062874	0.805109978	0.907629967	4.193297554
2018-04-28T05:08:31+02:00	12.99303818	0.848620415	0.80809021	0.89943409	4.417779091
2018-04-28T05:23:31+02:00	12.99101067	0.776201248	0.825078011	0.888109207	4.244970608
2018-04-28T05:38:31+02:00	12.98978901	0.80570507	0.81613636	0.901669502	4.345122997
2018-04-28T05:53:31+02:00	12.98847771	0.796765327	0.632255554	0.894367218	1.727714971
2018-04-28T06:08:31+02:00	12.98739052	0.829249382	0.657290459	0.905990601	2.472966879
2018-04-28T06:23:31+02:00	12.98639202	0.937133789	0.731348991	0.898093224	3.172535498
2018-04-28T06:38:31+02:00	12.98682404	0.769048691	0.685453415	0.919401169	1.801960361
2018-04-28T06:53:31+02:00	12.98365021	0.808983803	0.682920456	0.884980202	1.824366101
2018-04-28T07:08:31+02:00	12.98144436	0.787675858	0.71644783	0.918656349	1.791108424
2018-04-28T07:23:31+02:00	12.98165321	0.850558281	0.705122948	0.920890808	1.728832203
2018-04-28T07:38:31+02:00	12.98138523	0.837742805	0.732242584	0.915527344	1.909684319
2018-04-28T07:53:31+02:00	12.98290443	0.858306885	0.692754745	0.913589478	1.822385527
2018-04-28T08:08:31+02:00	12.98639202	0.891536713	0.744462013	0.929533958	2.186886814
2018-04-28T08:23:31+02:00	12.98744965	0.828057289	0.739544868	0.90852356	2.107681826
2018-04-28T08:38:31+02:00	12.99034023	0.820309639	0.727326393	0.894218445	1.735260728
2018-04-28T08:53:31+02:00	12.99641991	0.804662704	0.721067429	0.910461426	1.996474633
2018-04-28T09:08:31+02:00	13.0002203	0.844150543	0.736116409	0.896901131	2.042855588
2018-04-28T09:23:31+02:00	13.00297642	0.840723991	0.774115562	0.910907745	2.011472136
2018-04-28T09:38:31+02:00	13.00802803	0.855922699	0.757723808	0.889897346	1.974184406
2018-04-28T09:53:31+02:00	13.01233482	0.836550713	0.745654106	0.933558464	2.055489516
2018-04-28T10:08:31+02:00	13.01625347	0.870377541	0.775009155	0.896901131	2.301733094
2018-04-28T10:23:31+02:00	13.02121544	0.836700439	0.750273705	0.922232628	2.180974364
2018-04-28T10:38:31+02:00	13.02701187	0.877827644	0.74505806	0.901520729	2.190662993
2018-04-28T10:53:31+02:00	13.03502941	0.840276718	0.779628754	0.894664764	2.404295846
2018-04-28T11:08:31+02:00	13.04192829	0.838786125	0.789463043	0.90852356	3.009458812
2018-04-28T11:23:31+02:00	13.05043697	0.832229614	0.821054459	0.892728806	3.010351089
2018-04-28T11:38:31+02:00	13.05525017	0.821649551	0.813602448	0.908374786	3.256295624

2018-04-28T11:53:31+02:00	13.06402683	0.821352005	0.839978218	0.905395508	3.193977
2018-04-28T12:08:31+02:00	13.07585812	0.795573235	0.809878349	0.887214661	3.282720905
2018-04-28T12:23:31+02:00	13.0826683	0.805407524	0.814050674	0.921040535	3.939814217
2018-04-28T12:38:31+02:00	13.09505081	0.830293655	0.775158882	0.891685486	3.662983768
2018-04-28T12:53:31+02:00	13.10840225	0.848024368	0.703037262	0.902414322	2.039085931
2018-04-28T13:08:31+02:00	13.12002563	0.812262535	0.676959038	0.917762756	1.811860585
2018-04-28T13:23:31+02:00	13.1398592	0.850855827	0.63598156	0.905245781	1.19735897
2018-04-28T13:38:31+02:00	13.15002155	0.882297516	0.644028664	0.890195847	1.07967705
2018-04-28T13:53:31+02:00	13.16343212	0.777393341	0.69037056	0.905394554	1.263327256
2018-04-28T14:08:31+02:00	13.17201519	0.819861412	0.655352592	0.899285316	1.293585504
2018-04-28T14:23:31+02:00	13.17876625	0.789165497	0.685154915	0.892877579	1.26398159
2018-04-28T14:38:31+02:00	13.18183517	0.797808647	0.665634155	0.910610199	1.41206332
2018-04-28T14:53:31+02:00	13.18886852	0.817477226	0.683218002	0.887065887	1.321839621
2018-04-28T15:08:31+02:00	13.19205761	0.836997986	0.702440262	0.896603584	1.58141374
2018-04-28T15:23:31+02:00	13.1968708	0.859350204	0.710487366	0.891685486	1.488642618
2018-04-28T15:38:31+02:00	13.19780922	0.802874565	0.694245338	0.870376587	1.432207008
2018-04-28T15:53:31+02:00	13.19760132	0.766963005	0.678598404	0.870675087	1.533496394
2018-04-28T16:08:31+02:00	13.19919491	0.820159912	0.748188019	0.904798508	1.598868754
2018-04-28T16:23:31+02:00	13.20353127	0.756531715	0.711084366	0.882596016	1.912456251
2018-04-28T16:38:31+02:00	13.20722675	0.826120377	0.7085495	0.916272163	1.704240722
2018-04-28T16:53:31+02:00	13.20886612	0.80809021	0.742076874	0.894218445	1.753102874
2018-04-28T17:08:31+02:00	13.21206951	0.807941437	0.731349945	0.919997215	1.757353036
2018-04-28T17:23:31+02:00	13.21510983	0.748187065	0.703782082	0.903457642	1.761072483
2018-04-28T17:38:31+02:00	13.21922207	0.825674057	0.749081612	0.89734745	1.814134245
2018-04-28T17:53:31+02:00	13.22571945	0.902711868	0.733137131	0.879466057	2.115300956
2018-04-28T18:08:31+02:00	13.22402096	0.845044136	0.745505333	0.891238213	1.952580758
2018-04-28T18:23:31+02:00	13.219491	0.806749344	0.741035461	0.885426521	2.0717122
2018-04-28T18:38:31+02:00	13.21521378	0.894963264	0.721216202	0.88125515	2.312928271
2018-04-28T18:53:31+02:00	13.2140522	0.811069489	0.749677658	0.881850243	2.653124942
2018-04-28T19:08:31+02:00	13.2102375	0.762194633	0.767857552	0.891239166	2.402966266
2018-04-28T19:23:31+02:00	13.20618439	0.845938683	0.757723808	0.908374786	2.451185565
2018-04-28T19:38:31+02:00	13.20202637	0.827610016	0.777095795	0.873505592	2.459664353
2018-04-28T19:53:31+02:00	13.19728756	0.825674057	0.757724762	0.887811661	2.378930681
2018-04-28T20:08:31+02:00	13.19313049	0.832676888	0.833272934	0.890791893	2.35349861
2018-04-28T20:23:31+02:00	13.18740845	0.748634338	0.769794464	0.896603584	2.086171784
2018-04-28T20:38:31+02:00	13.18147755	0.801980972	0.703929901	0.881851196	2.548138591
2018-04-28T20:53:31+02:00	13.17270088	0.794529915	0.65296936	0.904052734	1.729931168
2018-04-28T21:08:31+02:00	13.16346264	0.849367142	0.686198235	0.905692101	1.420320653
2018-04-28T21:23:31+02:00	13.15666771	0.803321838	0.696777344	0.900328636	1.372725969
2018-04-28T21:38:31+02:00	13.15169048	0.77888298	0.707208633	0.897198677	1.4595606
2018-04-28T21:53:31+02:00	13.14502907	0.802278519	0.696480751	0.894368172	1.422088828
2018-04-28T22:08:31+02:00	13.14151287	0.759959221	0.693798065	0.905692101	1.685057586
2018-04-28T22:23:31+02:00	13.142869	0.803023338	0.713318825	0.886470795	1.764241902
2018-04-28T22:38:31+02:00	13.13994789	0.79065609	0.731200218	0.873059273	1.816315973
2018-04-28T22:53:31+02:00	13.13652134	0.781715393	0.717490196	0.882447243	2.032062061
2018-04-28T23:08:31+02:00	13.13383865	0.7799263	0.702142715	0.88095665	2.382013063
2018-04-28T23:23:31+02:00	13.13114166	0.786185265	0.728517532	0.912099838	1.850648482
2018-04-28T23:38:31+02:00	13.12907028	0.811070442	0.762194633	0.882744789	1.980156215
2018-04-28T23:53:31+02:00	13.12537479	0.851154327	0.741630554	0.867992401	2.38173615
2018-04-29T00:08:31+02:00	13.12293148	0.790804863	0.71510601	0.901222229	2.155045209

2018-04-29T00:23:31+02:00	13.12063599	0.970513344	0.739544868	0.872612	2.172539473
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2018-04-29T00:53:31+02:00	13.11618042	0.832825661	0.737458229	0.892430305	2.308538806
2018-04-29T01:08:31+02:00	13.11567402	0.801086426	0.776052475	0.890940666	2.272505523
2018-04-29T01:23:31+02:00	13.11436272	0.809132576	0.757127762	0.901072502	2.343829915
2018-04-29T01:38:31+02:00	13.11337948	0.754743576	0.784844398	0.87112236	2.429464442
2018-04-29T01:53:31+02:00	13.11239624	0.804215431	0.774413109	0.859946251	2.655457197
2018-04-29T02:08:31+02:00	13.11093521	0.818223	0.82626915	0.873952866	2.76549946
2018-04-29T02:23:31+02:00	13.1099968	0.815242767	0.804662704	0.878125191	2.624198809
2018-04-29T02:38:31+02:00	13.1095047	0.762640953	0.794977188	0.860095024	2.87773076
2018-04-29T02:53:31+02:00	13.10977364	0.800639153	0.79810524	0.87186718	2.994140952
2018-04-29T03:08:31+02:00	13.1096096	0.838488579	0.780373573	0.851303101	2.742748264
2018-04-29T03:23:31+02:00	13.10966873	0.828354836	0.830888748	0.855624199	2.761479032
2018-04-29T03:38:31+02:00	13.11066723	0.784248352	0.802725792	0.869035721	2.93463094
2018-04-29T03:53:31+02:00	13.1101017	0.847578049	0.814645767	0.865906715	3.227867153
2018-04-29T04:08:31+02:00	13.11054802	0.849068642	0.799149513	0.875293732	3.012523101
2018-04-29T04:23:31+02:00	13.11105537	0.763534546	0.831782341	0.878870964	3.089742899
2018-04-29T04:38:31+02:00	13.11048889	0.963657379	0.819415092	0.865609169	3.406583329
2018-04-29T04:53:31+02:00	13.11044407	0.786482811	0.839978218	0.8895998	3.257244987
2018-04-29T05:08:31+02:00	13.11165047	0.821799278	0.854283333	0.850855827	3.487907004
2018-04-29T05:23:31+02:00	13.11154652	0.790804863	0.844896317	0.870526314	3.753184002
2018-04-29T05:38:31+02:00	13.11124897	0.813454628	0.817625999	0.875293732	3.738392331
2018-04-29T05:53:31+02:00	13.11145687	0.804960251	0.855772972	0.868589401	3.572320893
2018-04-29T06:08:31+02:00	13.11120415	0.802874565	0.848174095	0.870227814	3.77354337
2018-04-29T06:23:31+02:00	13.11208344	0.814050674	0.87052536	0.864863396	4.044989356
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2018-04-29T07:08:31+02:00	13.11315632	0.82522583	0.855624199	0.849514961	4.06467781
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2018-04-29T08:53:31+02:00	13.08995438	0.850111008	0.910014153	0.849515915	4.235189144
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2018-04-29T10:08:31+02:00	13.08596134	0.791847229	0.949054718	0.865906715	4.476879356
2018-04-29T10:23:31+02:00	13.08815193	0.865609169	0.92521286	0.875889778	4.646926894
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2018-04-29T10:53:31+02:00	13.08654213	0.820904732	0.964552879	0.841916084	4.604047213
2018-04-29T11:08:31+02:00	13.08760071	0.85383606	0.960677147	0.858754158	4.695323547
2018-04-29T11:23:31+02:00	13.08925438	0.892877579	0.974684715	0.84370327	5.026507634
2018-04-29T11:38:31+02:00	13.08757019	0.943541527	0.966936111	0.864565849	4.788133058
2018-04-29T11:53:31+02:00	13.08967209	0.92521286	0.979304314	0.848174095	4.953293296
2018-04-29T12:08:31+02:00	13.08861351	0.956505775	0.974983215	0.866055489	5.973683416
2018-04-29T12:23:31+02:00	13.08770466	0.949651718	0.994802475	0.889897346	5.159291348
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2018-04-29T13:08:31+02:00	13.08539486	0.861138344	0.785886765	0.917315483	2.157383702
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2018-04-29T13:53:31+02:00	13.07523251	0.865310669	0.712126732	0.930726051	1.503863889
2018-04-29T14:08:31+02:00	13.07012177	0.826865196	0.695586205	0.952630997	1.694392171
2018-04-29T14:23:31+02:00	13.06623268	0.918060303	0.700056076	0.973791122	2.032705962
2018-04-29T14:38:31+02:00	13.06319237	0.868588448	0.723749161	0.97259903	1.848300464
2018-04-29T14:53:31+02:00	13.05970573	0.893474579	0.692158699	0.991523743	1.875875908
2018-04-29T15:08:31+02:00	13.05828953	0.856369972	0.691413879	0.965148926	1.84129394
2018-04-29T15:23:31+02:00	13.05525017	0.932663918	0.735521317	0.961870193	1.970436729
2018-04-29T15:38:31+02:00	13.05399799	0.866502762	0.718384743	0.967383385	2.004359342
2018-04-29T15:53:31+02:00	13.05331326	0.842809677	0.7255373	0.964104652	2.096604397
2018-04-29T16:08:31+02:00	13.05209064	0.877082825	0.712275505	0.974088669	2.303558414
2018-04-29T16:23:31+02:00	13.04966164	0.801532745	0.734329224	0.946074486	2.358775999
2018-04-29T16:38:31+02:00	13.04785919	0.869334221	0.745505333	0.945478439	2.420009728
2018-04-29T16:53:31+02:00	13.04590702	0.822991371	0.764578819	0.934898376	2.622182264
2018-04-29T17:08:31+02:00	13.04525185	0.8349123	0.740736961	0.927895546	2.512347723
2018-04-29T17:23:31+02:00	13.04429817	0.85383606	0.725984573	0.91508007	2.449283153
2018-04-29T17:38:31+02:00	13.04473019	0.868886948	0.752656937	0.919550896	2.512994566
2018-04-29T17:53:31+02:00	13.04456615	0.874251366	0.760853767	0.90912056	2.580464725
2018-04-29T18:08:31+02:00	13.04309082	0.880361557	0.727771759	0.915527344	2.576783776
2018-04-29T18:23:31+02:00	13.03951454	0.782161713	0.71778965	0.938624382	2.371251862
2018-04-29T18:38:31+02:00	13.03295803	0.892877579	0.80704689	0.995546341	2.057310191
2018-04-29T18:53:31+02:00	13.0326004	0.834017754	0.787973404	0.951588631	2.11069981
2018-04-29T19:08:31+02:00	13.0314827	0.863671303	0.716000557	0.959038734	1.375276118
2018-04-29T19:23:31+02:00	13.03081226	0.836103439	0.673383713	0.968575478	1.409329167
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2018-04-29T19:53:31+02:00	13.03271961	0.857412338	0.669360161	0.940710068	1.475340913
2018-04-29T20:08:31+02:00	13.03346443	0.817328453	0.68888092	0.920594215	1.672630892
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2018-04-29T20:53:31+02:00	13.02519417	0.846981049	0.677556038	0.917762756	1.597625393
2018-04-29T21:08:31+02:00	13.02424049	0.827162743	0.718384743	0.917315483	1.635218061
2018-04-29T21:23:31+02:00	13.02297401	0.838786125	0.719725609	0.91791153	1.747460139
2018-04-29T21:38:31+02:00	13.02206516	0.954419136	0.76204586	0.91791153	3.235867256
2018-04-29T21:53:31+02:00	13.01901054	0.829546928	0.72449398	0.938474655	2.087533429
2018-04-29T22:08:31+02:00	13.01565742	0.820607185	0.751018524	0.89064312	2.090697654
2018-04-29T22:23:31+02:00	13.01087475	0.822096825	0.642388344	0.88095665	1.676730089
2018-04-29T22:38:31+02:00	13.00723839	0.802724838	0.68128109	0.879318237	1.862885172
2018-04-29T22:53:31+02:00	13.00065231	0.855773926	0.644922256	0.874847412	1.403698418
2018-04-29T23:08:31+02:00	12.99364853	0.792444229	0.670403481	0.863373756	1.378409281
2018-04-29T23:23:31+02:00	12.98332214	0.773966789	0.679343224	0.909865379	1.162818778
2018-04-29T23:38:31+02:00	12.97286129	0.7805233	0.683963776	0.875144958	3.73137044
2018-04-29T23:53:31+02:00	12.96360779	0.81613636	0.675171852	0.893026352	1.386916619
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2018-04-30T00:53:31+02:00	12.94992828	0.814349174	2.490282059	0.882447243	1.568421255
2018-04-30T01:08:31+02:00	12.94520473	0.810028076	0.672340393	0.861287117	1.564675642

2018-04-30T01:23:31+02:00	12.9409132	0.804215431	0.655501366	0.886172295	2.561378648
2018-04-30T01:38:31+02:00	12.93733692	0.793784142	0.66071701	0.874697685	1.72960157
2018-04-30T01:53:31+02:00	12.93398476	0.774414063	0.756978989	0.880807877	2.031878023
2018-04-30T02:08:31+02:00	12.93106365	0.78931427	0.71644783	0.874996185	2.637726357
2018-04-30T02:23:31+02:00	12.92598248	0.80704689	0.721365929	0.878572464	4.166325584
2018-04-30T02:38:31+02:00	12.92388153	0.780076027	0.730455399	0.892727852	2.224434133
2018-04-30T02:53:31+02:00	12.92163086	0.776202202	0.697523117	0.890493393	1.736909329
2018-04-30T03:08:31+02:00	12.92113972	0.804662704	0.685603142	0.874697685	1.742129208
2018-04-30T03:23:31+02:00	12.9204092	0.788568497	0.706315041	0.886768341	1.999249579
2018-04-30T03:38:31+02:00	12.92055893	0.822692871	0.682025909	0.892281532	2.090881821
2018-04-30T03:53:31+02:00	12.92006683	0.820011139	0.68128109	0.87082386	2.376660661
2018-04-30T04:08:31+02:00	12.92000675	0.793189049	0.713765144	0.880063057	2.280710053
2018-04-30T04:23:31+02:00	12.91894913	0.78856945	0.701397896	0.883490562	2.488099598
2018-04-30T04:38:31+02:00	12.91804028	0.826120377	0.725239754	0.864267349	2.370606437
2018-04-30T04:53:31+02:00	12.92045403	0.78856945	0.694542885	0.87216568	2.362541356
2018-04-30T05:08:31+02:00	12.92537117	0.804662704	0.712275505	0.895112038	2.395452338
2018-04-30T05:23:31+02:00	12.93003559	0.803917885	0.693350792	0.89034462	2.371104444
2018-04-30T05:38:31+02:00	12.93401432	0.822246552	0.733734131	0.877677917	2.464080197
2018-04-30T05:53:31+02:00	12.93805218	0.823587418	0.723003387	0.875890732	2.569903779
2018-04-30T06:08:31+02:00	12.94307423	0.800341606	0.728816032	0.87186718	2.511293951
2018-04-30T06:23:31+02:00	12.94702339	0.80004406	0.718235016	0.886023521	2.710871324
2018-04-30T06:38:31+02:00	12.95210457	0.795275688	0.734627724	0.8893013	2.711574887
2018-04-30T06:53:31+02:00	12.9550848	0.814496994	0.730008125	0.878721237	2.759810855
2018-04-30T07:08:31+02:00	12.95861626	0.791698456	0.703483582	0.856667519	2.787736411
2018-04-30T07:23:31+02:00	12.96308613	0.795572281	0.724047661	0.865756989	2.823027878
2018-04-30T07:38:31+02:00	12.96712494	0.794232368	0.774264336	0.891835213	3.188992738
2018-04-30T07:53:31+02:00	12.97135639	0.883787155	0.75235939	0.8895998	2.856624934
2018-04-30T08:08:31+02:00	12.97396469	0.823140144	0.756531715	0.857710838	3.314661709
2018-04-30T08:23:31+02:00	12.97615433	0.805557251	0.733434677	0.868738174	2.890306701
2018-04-30T08:38:31+02:00	12.97739124	0.806450844	0.737010956	0.864267349	3.002144014
2018-04-30T08:53:31+02:00	12.9807148	0.79095459	0.751317024	0.879317284	3.166957583
2018-04-30T09:08:31+02:00	12.98360538	0.913739204	0.767111778	0.851750374	2.976819593
2018-04-30T09:23:31+02:00	12.98567677	0.806450844	0.770389557	0.866353989	2.988831391
2018-04-30T09:38:31+02:00	12.99051952	0.794977188	0.758916855	0.867843628	3.158664965
2018-04-30T09:53:31+02:00	12.9940958	0.827163696	0.726431847	0.87052536	2.562728361
2018-04-30T10:08:31+02:00	12.99585438	0.818520546	0.736266136	0.861287117	3.200058465
2018-04-30T10:23:31+02:00	13.00232124	0.826120377	0.71823597	0.860691071	2.271362366
2018-04-30T10:38:31+02:00	13.01072502	0.865608215	0.708699226	0.88825798	2.239472118
2018-04-30T10:53:31+02:00	13.01844406	0.832676888	0.693649292	0.894665718	2.296550532
2018-04-30T11:08:31+02:00	13.0171032	0.793636322	0.723749161	0.877976418	2.270624655
2018-04-30T11:23:31+02:00	13.02540302	0.782162666	0.705122948	0.8729105	2.12632615
2018-04-30T11:38:31+02:00	13.04550457	0.788719177	0.714957237	0.877976418	2.261923139
2018-04-30T11:53:31+02:00	13.04392529	0.815689087	0.74475956	0.895261765	2.449965993
2018-04-30T12:08:31+02:00	13.06247711	0.836103439	0.749975204	0.901669502	2.38884352
2018-04-30T12:23:31+02:00	13.07581329	0.802129745	0.764727592	0.894814491	3.319092441
2018-04-30T12:38:31+02:00	13.09533405	0.816583633	0.822990417	0.886917114	2.874855738
2018-04-30T12:53:31+02:00	13.11260414	0.819562912	0.736713409	0.905245781	2.600794256
2018-04-30T13:08:31+02:00	13.1271925	0.871271133	0.769644737	0.897943497	3.084485142
2018-04-30T13:23:31+02:00	13.14113998	0.869184494	0.550598145	0.867843628	2.696723292
2018-04-30T13:38:31+02:00	13.13371944	0.801832199	0.760107994	0.871718407	2.627826036

2018-04-30T13:53:31+02:00	13.10944557	0.82582283	0.794977188	0.88021183	2.954043678
2018-04-30T14:08:31+02:00	13.09682465	0.803470612	0.81717968	0.92551136	2.957217684
2018-04-30T14:23:31+02:00	13.10689735	0.836253166	0.791549683	0.87946701	2.948884205
2018-04-30T14:38:31+02:00	13.09779263	0.847726822	0.790207863	0.900923729	3.134144086
2018-04-30T14:53:31+02:00	13.08920956	0.826418877	0.794529915	0.855029106	3.022923081
2018-04-30T15:08:31+02:00	13.08523083	0.830442429	0.836401939	0.887811661	3.085023607
2018-04-30T15:23:31+02:00	13.0807457	0.831484795	0.804066658	0.902564049	3.269898452
2018-04-30T15:38:31+02:00	13.08465004	0.813454628	0.839978218	0.883192062	3.439896418
2018-04-30T15:53:31+02:00	13.08727264	0.904352188	0.830441475	0.890939713	4.122055407
2018-04-30T16:08:31+02:00	13.09417152	0.865906715	0.840723038	0.89943409	3.615340577
2018-04-30T16:23:31+02:00	13.08539486	0.816882133	0.839530945	0.910460472	3.757311298
2018-04-30T16:38:31+02:00	13.0798521	0.821053505	0.860839844	0.8895998	3.719307644
2018-04-30T16:53:31+02:00	13.06977844	0.851750374	0.859201431	0.907629013	3.826809098
2018-04-30T17:08:31+02:00	13.08564854	0.87946701	0.822842598	0.919550896	3.814942917
2018-04-30T17:23:31+02:00	13.08909035	0.875442505	0.88021183	0.910907745	4.084556194
2018-04-30T17:38:31+02:00	13.09236908	0.864267349	0.837296486	0.897199631	4.244951899
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2018-04-30T18:08:31+02:00	13.09031296	0.903755188	0.848025322	0.893919945	4.203263919
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2018-04-30T18:38:31+02:00	13.08162498	0.927746773	0.86247921	0.906289101	4.423856964
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2018-04-30T21:23:31+02:00	13.04012489	0.853687286	0.918060303	0.889897346	5.353278168
2018-04-30T21:38:31+02:00	13.03553581	0.854730606	0.915378571	0.883936882	5.271169402
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2018-04-30T22:23:31+02:00	13.01866722	0.824332237	0.960529327	0.864713669	5.641467947
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2018-05-01T01:08:31+02:00	12.98642159	0.852197647	1.029670715	0.884830475	6.995241827
2018-05-01T01:23:31+02:00	12.9855423	0.820159912	0.856220245	0.912695885	4.965543094
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2018-05-01T02:23:31+02:00	12.9819212	0.856518745	0.719279289	0.920891762	1.994176834
2018-05-01T02:38:31+02:00	12.98220444	0.833720207	0.694245338	0.910610199	2.284231968
2018-05-01T02:53:31+02:00	12.98290443	0.821799278	0.719576836	0.919103622	2.184050071
2018-05-01T03:08:31+02:00	12.98327732	0.914632797	0.704675674	0.905990601	2.298598121
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2018-05-01T05:38:31+02:00	12.96177483	0.867545128	0.739544868	0.970959663	2.544976174
2018-05-01T05:53:31+02:00	12.95973396	0.855625153	0.75444603	0.959783554	2.937395842
2018-05-01T06:08:31+02:00	12.96044922	0.915378571	0.749677658	0.952184677	2.644129996
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2018-05-01T06:38:31+02:00	12.95685768	0.87946701	0.721216202	0.940412521	2.178285389
2018-05-01T06:53:31+02:00	12.95472717	0.844597816	0.738650322	0.939219475	2.205216089
2018-05-01T07:08:31+02:00	12.95468235	0.889748573	0.733285904	0.960677147	2.828886371
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2018-05-01T10:53:31+02:00	12.96588802	0.878125191	0.748335838	0.967680931	2.540668424
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2018-05-01T13:38:31+02:00	13.04875278	0.951737404	0.834465027	1.012235641	3.617169064
2018-05-01T13:53:31+02:00	13.05234432	1.105517387	0.887960434	1.000464439	5.411840094
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2018-05-01T17:08:31+02:00	13.07435322	0.897496223	1.8332901	1.147836685	37.73721173
2018-05-01T17:23:31+02:00	13.07043457	0.898093224	1.880377769	1.146347046	37.85721716
2018-05-01T17:38:31+02:00	13.0692873	0.886768341	1.63331604	1.114904404	27.8823052
2018-05-01T17:53:31+02:00	13.06718636	0.934749603	1.794248581	1.147239685	33.35630594
2018-05-01T18:08:31+02:00	13.06654549	0.887065887	1.820921898	1.157223701	35.81825468
2018-05-01T18:23:31+02:00	13.06101704	0.910162926	1.883655548	1.181960106	40.66480208
2018-05-01T18:38:31+02:00	13.05620384	0.91686821	1.911222458	1.193284988	39.45297189
2018-05-01T18:53:31+02:00	13.05150986	0.920444489	1.952648163	1.183897018	35.66283852
2018-05-01T19:08:31+02:00	13.0496769	0.861138344	1.977682114	1.225917816	34.08865395
2018-05-01T19:23:31+02:00	13.0494833	0.837146759	1.86920166	1.226514816	28.50476076
2018-05-01T19:38:31+02:00	13.04973698	0.880509377	1.943857193	1.260042191	30.53938333
2018-05-01T19:53:31+02:00	13.04858971	0.909268379	1.80751133	1.298786163	30.46030863
2018-05-01T20:08:31+02:00	13.04620552	0.880360603	1.763998985	1.286417007	29.08315518
2018-05-01T20:23:31+02:00	13.04288197	0.926107407	1.754015923	1.301169395	28.49273804
2018-05-01T20:38:31+02:00	13.03783035	0.881701469	1.742988586	1.34438324	31.3071554
2018-05-01T20:53:31+02:00	13.0314827	0.955015182	1.785160065	1.405923843	30.12881736
2018-05-01T21:08:31+02:00	13.0245533	0.98124218	1.839548111	1.4343853	32.91599437
2018-05-01T21:23:31+02:00	13.01608944	1.011938095	1.854747772	1.48698616	35.49928788
2018-05-01T21:38:31+02:00	13.00822163	1.001506805	1.845210075	1.582354546	31.45515429
2018-05-01T21:48:31+02:00	13.00692558	1.003294945	1.913606644	1.627206802	30.60679643
2018-05-01T21:58:31+02:00	13.00156116	0.991522789	1.836567879	1.686513901	30.34165236
2018-05-01T22:08:31+02:00	12.99637604	1.030265808	1.838356972	1.751184464	31.94203958
2018-05-01T22:18:31+02:00	12.99104118	1.073330879	1.645535469	1.861005783	26.58672889
2018-05-01T22:28:31+02:00	12.98624229	1.036971092	1.660585403	1.929253578	25.60182053
2018-05-01T22:38:31+02:00	12.98062515	1.074522018	1.682936668	1.994222641	22.74643272
2018-05-01T22:48:31+02:00	12.97670555	1.121759415	1.81555748	2.080649376	25.1904231
2018-05-01T22:58:31+02:00	12.97189331	1.17987442	1.829266548	2.15083313	25.59063164
2018-05-01T23:08:31+02:00	12.96681213	1.175105095	1.839250565	2.229213715	23.87847136
2018-05-01T23:18:31+02:00	12.9625349	1.450926781	1.763105392	2.3239851	26.09117539
2018-05-01T23:28:31+02:00	12.95906258	1.775324821	1.482814789	2.398193359	18.75495489
2018-05-01T23:38:31+02:00	12.95451832	1.662075996	1.471042633	2.442747116	13.6260549
2018-05-01T23:48:31+02:00	12.95064354	1.978725433	1.530796051	2.516359329	15.94973734
2018-05-01T23:58:31+02:00	12.94559288	1.967250824	1.625567436	2.593397141	19.77921527
2018-05-02T00:08:31+02:00	12.94195652	1.944303513	1.637488365	2.619773865	16.53668976
2018-05-02T00:18:31+02:00	12.93754578	1.953840256	1.685023308	2.619326591	17.39098064
2018-05-02T00:28:31+02:00	12.93571281	2.011507034	1.76012516	2.671480179	19.0380083
2018-05-02T00:38:31+02:00	12.93328381	1.965015411	1.817047119	2.680420876	18.9941438
2018-05-02T00:48:31+02:00	12.93230057	1.903474808	1.850276947	2.722291946	20.39167103
2018-05-02T00:58:31+02:00	12.93022919	1.95145607	1.892000198	2.724380493	19.73992478
2018-05-02T01:08:31+02:00	12.92754745	1.96784687	1.884252548	2.737791061	21.28858753
2018-05-02T01:18:31+02:00	12.92605686	1.908093452	1.926720619	2.725273132	20.51529971

2018-05-02T01:28:31+02:00	12.92413521	1.929552078	1.946985245	2.762377739	20.14334457
2018-05-02T01:38:31+02:00	12.92329979	1.910924911	1.888572693	2.76759243	21.41016407
2018-05-02T01:48:31+02:00	12.92063332	1.890510559	1.944005966	2.747774124	20.54229245
2018-05-02T01:58:31+02:00	12.91982841	1.82390213	2.005249023	2.727062225	21.09024758
2018-05-02T02:08:31+02:00	12.91881466	1.815110207	2.039522171	2.748519897	21.26755856
2018-05-02T02:18:31+02:00	12.9164753	1.791119576	1.993924141	2.714097977	21.92998213
2018-05-02T02:28:31+02:00	12.91540241	1.796782494	2.002417564	2.75090313	22.67215077
2018-05-02T02:38:31+02:00	12.91470242	1.776367188	2.05978775	2.746433258	22.35177558
2018-05-02T02:48:31+02:00	12.912467	1.751333237	2.019107819	2.70381546	22.66273602
2018-05-02T02:58:31+02:00	12.91090202	1.883357048	2.001821518	2.722740173	23.61921266
2018-05-02T03:08:31+02:00	12.91033649	1.887680054	2.052336693	2.68742466	23.2281335
2018-05-02T03:18:31+02:00	12.90856266	1.831501007	2.057402611	2.688169479	25.53521995
2018-05-02T03:28:31+02:00	12.9065361	1.85310936	2.048165321	2.66864872	24.34254873
2018-05-02T03:38:31+02:00	12.90386963	1.909434319	1.745968819	2.665071487	26.36051159
2018-05-02T03:48:31+02:00	12.90237904	1.987516403	1.714675903	2.662688255	20.14911191
2018-05-02T03:58:31+02:00	12.90129089	1.957565308	1.707523346	2.639889717	18.41526789
2018-05-02T04:08:31+02:00	12.89999485	1.94132328	1.751482964	2.627672195	18.0364643
2018-05-02T04:18:31+02:00	12.89725304	1.954138756	1.733451843	2.610683441	18.67944904
2018-05-02T04:28:31+02:00	12.89425755	1.866370201	1.765340805	2.61530304	18.4246385
2018-05-02T04:38:31+02:00	12.89281273	1.885294914	1.766980171	2.589820862	18.58328653
2018-05-02T04:48:31+02:00	12.89147186	1.840441704	1.759976387	2.562403679	19.087473
2018-05-02T04:58:31+02:00	12.88981724	1.85251236	1.756102562	2.544373512	19.27178563
2018-05-02T05:08:31+02:00	12.88844681	1.791565895	1.78068924	2.525746346	19.90454946
2018-05-02T05:18:31+02:00	12.88580894	1.79708004	1.803339005	2.51427269	20.64129026
2018-05-02T05:28:31+02:00	12.88436317	1.790225983	1.811682701	2.506375313	19.98220776
2018-05-02T05:38:31+02:00	12.88342476	1.763105392	1.817048073	2.467185974	20.89112468
2018-05-02T05:48:31+02:00	12.88168144	1.752674103	1.851171494	2.467782021	21.46007184
2018-05-02T05:58:31+02:00	12.87873077	1.815706253	1.799465179	2.480148315	21.5121091
2018-05-02T06:08:31+02:00	12.87814999	1.829415321	1.744031906	2.455562592	24.64557638
2018-05-02T06:18:31+02:00	12.87747955	1.916736603	1.753271103	2.44244957	20.68122377
2018-05-02T06:28:31+02:00	12.87615299	1.96889019	1.771748543	2.455413818	20.72585458
2018-05-02T06:38:31+02:00	12.87509537	1.87903595	1.853704453	2.45153904	21.25364561
2018-05-02T06:48:31+02:00	12.87427521	1.855642319	1.47789669	2.412646294	13.8299679
2018-05-02T06:58:31+02:00	12.87253189	1.920461655	1.447350502	2.41354084	19.40754028
2018-05-02T07:08:31+02:00	12.87187672	1.900494576	1.443475723	2.425163269	13.33290991
2018-05-02T07:18:31+02:00	12.87020779	1.879185677	1.464783669	2.42322731	12.78254606
2018-05-02T07:28:31+02:00	12.86990929	1.875609398	1.480429649	2.397001266	13.16114686
2018-05-02T07:38:31+02:00	12.86888123	1.905261993	1.517385483	2.392977715	13.26403076
2018-05-02T07:48:31+02:00	12.86968613	1.835227013	1.451224327	2.563744545	13.58766813
2018-05-02T07:58:31+02:00	12.86940289	1.92418766	1.371801376	2.412796021	14.6867999
2018-05-02T08:08:31+02:00	12.86891079	1.982301712	1.429766655	2.417564392	14.66428899
2018-05-02T08:18:31+02:00	12.86907482	1.891255379	1.391322136	2.365112305	14.98116017
2018-05-02T08:28:31+02:00	12.87007332	1.92388916	1.384914398	2.395510674	15.15724056
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2018-05-02T08:58:31+02:00	12.87633133	1.825540543	1.449137688	2.367050171	15.56607746
2018-05-02T09:08:31+02:00	12.87974453	1.858025551	1.446753502	2.372860909	15.19148187
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2018-05-02T09:28:31+02:00	12.88403606	1.83373642	1.492947578	2.356170654	16.00116753
2018-05-02T09:38:31+02:00	12.88908768	1.766234398	1.5060606	2.348125458	15.6352766

2018-05-02T09:48:31+02:00	12.8934536	1.814662933	1.541077614	2.378970146	16.07560983
2018-05-02T09:58:31+02:00	12.90001011	1.816152573	1.573562622	2.365708351	17.03150076
2018-05-02T10:08:31+02:00	12.9053297	1.791418076	1.60574913	2.357363701	16.80649792
2018-05-02T10:18:31+02:00	12.91182613	1.846403122	1.609921455	2.356320381	16.79495135
2018-05-02T10:28:31+02:00	12.91659451	1.734495163	1.591145515	2.352744102	16.67454308
2018-05-02T10:38:31+02:00	12.92292786	1.774282455	1.662373543	2.318770409	17.73811142
2018-05-02T10:48:31+02:00	12.93441677	1.748352051	1.65909481	2.350956917	17.71976493
2018-05-02T10:58:31+02:00	12.94350624	1.803636551	1.669823647	2.323091507	18.34216914
2018-05-02T11:08:31+02:00	12.94898987	1.750289917	1.661032677	2.312362671	19.27286285
2018-05-02T11:18:31+02:00	12.95878029	1.710802078	1.751929283	2.31385231	19.42724986
2018-05-02T11:28:31+02:00	12.97071552	1.724809647	1.716762543	2.318470955	19.63183509
2018-05-02T11:38:31+02:00	12.98472309	1.720786095	1.729130745	2.325178146	19.4800212
2018-05-02T11:48:31+02:00	12.99619675	1.706183434	1.698583603	2.307295799	20.04024439
2018-05-02T11:58:31+02:00	13.01002502	1.718103409	1.707374573	2.301632881	20.66186487
2018-05-02T12:08:31+02:00	13.02325726	1.716464996	1.713335991	2.282857895	22.03176785
2018-05-02T12:18:31+02:00	13.03586388	2.030879021	1.088679314	2.345293999	3.796241064
2018-05-02T12:28:31+02:00	13.04404449	1.88842392	1.064390182	2.336353302	5.133823521
2018-05-02T12:38:31+02:00	13.05375957	1.8879776	1.042037964	2.312212944	3.849496099
2018-05-02T12:48:31+02:00	13.06252193	1.897215843	1.077354431	2.26050663	4.066137789
2018-05-02T12:58:31+02:00	13.06837845	1.867414474	1.069008827	2.241581917	4.83006147
2018-05-02T13:08:31+02:00	13.07667828	1.823008537	1.122355461	2.213716507	3.749542118
2018-05-02T13:18:31+02:00	13.08745193	1.975745201	1.088082314	2.220421791	4.441960338
2018-05-02T13:28:31+02:00	13.09508133	1.863986015	1.132339478	2.191215515	4.670747885
2018-05-02T13:38:31+02:00	13.09990883	1.872180939	1.12623024	2.137273788	4.264047432
2018-05-02T13:48:31+02:00	13.09797192	1.883059502	1.143217087	2.142935753	4.174042822
2018-05-02T13:58:31+02:00	13.09779263	1.83433342	1.11475563	2.106279373	4.258275448
2018-05-02T14:08:31+02:00	13.09409714	1.827627182	1.174957275	2.079457283	4.343866331
2018-05-02T14:18:31+02:00	13.09055138	1.784563065	1.153648376	2.090186119	4.608460225
2018-05-02T14:28:31+02:00	13.0849781	1.827628136	1.185982704	2.06008625	4.416953582
2018-05-02T14:38:31+02:00	13.08222103	1.782626152	1.228451729	2.028048515	4.225539713
2018-05-02T14:48:31+02:00	13.07839203	1.790672302	1.202076912	2.0131464	4.463481528
2018-05-02T14:58:31+02:00	13.07637978	1.763999939	1.234412193	2.00480175	4.729862573
2018-05-02T15:08:31+02:00	13.07529259	1.738667488	1.222044945	1.986473083	4.389998856
2018-05-02T15:18:31+02:00	13.07417488	1.747906685	1.229047775	1.966357231	4.54698462
2018-05-02T15:28:31+02:00	13.07429409	1.706183434	1.242756844	1.947730064	4.536716366
2018-05-02T15:38:31+02:00	13.07074738	1.751184464	1.26108551	1.913010597	4.516029428
2018-05-02T15:48:31+02:00	13.0708065	1.678616524	1.268535614	1.912265778	4.829103495
2018-05-02T15:58:31+02:00	13.07147789	1.719742775	1.249610901	1.872777939	4.943884428
2018-05-02T16:08:31+02:00	13.06888485	1.694560051	1.304746628	1.881718636	5.209258125
2018-05-02T16:18:31+02:00	13.06559181	1.679808617	1.301319122	1.865476608	5.011862601
2018-05-02T16:28:31+02:00	13.06447411	1.699328423	1.319944382	1.8329916	4.978454744
2018-05-02T16:38:31+02:00	13.0651741	1.67965889	1.288205147	1.782477379	6.26546355
2018-05-02T16:48:31+02:00	13.06504059	1.663864136	1.33499527	1.778007507	5.156540509
2018-05-02T16:58:31+02:00	13.06496525	1.606046677	1.310110092	1.757294655	5.125987891
2018-05-02T17:08:31+02:00	13.06633663	1.637935638	1.308620453	1.705288887	5.697262576
2018-05-02T17:18:31+02:00	13.06410122	1.646876335	1.333803177	1.72465992	5.564053075
2018-05-02T17:28:31+02:00	13.06605339	1.607686043	1.388788223	1.672952652	5.65825743
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2018-05-02T17:48:31+02:00	13.06159782	1.579075813	1.362264633	1.679509163	5.624282483
2018-05-02T17:58:31+02:00	13.05904961	1.588911057	1.381635666	1.671165466	5.783875694

2018-05-02T18:08:31+02:00	13.06171703	1.57997036	1.40577507	1.650155067	5.652213713
2018-05-02T18:18:31+02:00	13.05751514	1.54167366	1.408755302	1.59740448	5.773084313
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2018-05-02T18:38:31+02:00	13.05469894	1.527964592	1.416652679	1.575946808	5.778526861
2018-05-02T18:48:31+02:00	13.05200195	1.577884674	1.468658447	1.601725578	6.507222095
2018-05-02T18:58:31+02:00	13.04872322	1.557767868	1.456588745	1.563578606	6.603168223
2018-05-02T19:08:31+02:00	13.04577255	1.463443756	1.457184792	1.566707611	6.431428583
2018-05-02T19:18:31+02:00	13.04291153	1.505911827	1.500397682	1.547485352	6.368544521
2018-05-02T19:28:31+02:00	13.04133224	1.51619339	1.531689644	1.485050201	6.660613087
2018-05-02T19:38:31+02:00	13.0405426	1.478343964	1.502334595	1.518875122	6.939406804
2018-05-02T19:48:31+02:00	13.03800964	1.460313797	1.49816227	1.483112335	6.746067186
2018-05-02T19:58:31+02:00	13.0364151	1.449883461	1.49637413	1.465826988	7.544133278
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2018-05-02T20:18:31+02:00	13.0309763	1.473575592	1.520961761	1.439004898	7.140864314
2018-05-02T20:28:31+02:00	13.02810001	1.443624496	1.526027679	1.405477524	7.152766186
2018-05-02T20:43:31+02:00	13.01878738	1.424253464	1.52349472	1.405179977	7.266428434
2018-05-02T20:58:31+02:00	13.01226044	1.409053802	1.538693428	1.377314568	7.553253829
2018-05-02T21:13:31+02:00	13.0056591	1.448988914	1.550912857	1.342445374	7.910017686
2018-05-02T21:28:31+02:00	12.99940014	1.407265663	1.57892704	1.344382286	7.841174022
2018-05-02T21:43:31+02:00	12.9935894	1.442432404	1.599491119	1.282244682	8.676124723
2018-05-02T21:58:31+02:00	12.98844814	1.401603699	1.579374313	1.249909401	8.357414699
2018-05-02T22:13:31+02:00	12.98277092	1.387000084	1.586526871	1.264064789	8.626018927
2018-05-02T22:28:31+02:00	12.97777939	1.344532013	1.572966576	1.205801964	9.0605244
2018-05-02T22:43:31+02:00	12.97350216	1.510828972	1.594424248	1.225322723	8.293023984
2018-05-02T22:53:31+02:00	12.97375584	1.359581947	1.577138901	1.190006256	8.557535223
2018-05-02T23:08:31+02:00	12.96640968	1.364351273	1.587867737	1.161992073	8.343645431
2018-05-02T23:23:31+02:00	12.96320534	1.593977928	1.597106934	1.183003426	8.857521913
2018-05-02T23:33:31+02:00	12.96313095	1.371801376	1.614391327	1.155882835	8.843059308
2018-05-02T23:48:31+02:00	12.9569025	1.338273048	1.621842384	1.120567322	9.328490036
2018-05-03T00:03:31+02:00	12.95307255	1.363306999	1.40637207	1.158117294	6.940204329
2018-05-03T00:18:31+02:00	12.95034599	1.477748871	1.453608513	1.076459885	8.058097896
2018-05-03T00:33:31+02:00	12.94846821	1.471936226	1.213401794	1.50680542	5.738731362
2018-05-03T00:43:31+02:00	12.94986916	1.420825958	1.183599472	1.491010666	5.611838582
2018-05-03T00:53:31+02:00	12.94882584	1.374334335	1.256614685	1.432149887	5.57964618
2018-05-03T01:08:31+02:00	12.94244862	1.333355904	1.242905617	1.635998726	4.833860685
2018-05-03T01:18:31+02:00	12.94380379	1.666397095	1.007914543	1.631826401	5.371514831
2018-05-03T01:28:31+02:00	12.94234371	1.41590786	1.016407967	1.619606972	2.822119516
2018-05-03T01:38:31+02:00	12.9404068	1.348257065	1.041442871	1.576691628	3.055241366
2018-05-03T01:48:31+02:00	12.93927383	1.361221313	1.083016396	1.55106163	2.681966681
2018-05-03T01:58:31+02:00	12.93869305	1.363009453	1.099705696	1.568049431	2.806993131
2018-05-03T02:08:31+02:00	12.93520641	1.336783409	1.121908188	1.553445816	3.151897824
2018-05-03T02:18:31+02:00	12.93486404	1.386702538	1.109093666	1.490413666	3.210474738
2018-05-03T02:28:31+02:00	12.93279266	1.404582977	1.064986229	1.494437218	3.236239223
2018-05-03T02:38:31+02:00	12.93092918	1.390427589	1.030713081	1.507699966	2.647812883
2018-05-03T02:48:31+02:00	12.92967796	1.345575333	1.06140995	1.510828972	3.084651628
2018-05-03T02:58:31+02:00	12.92768097	1.374184608	1.074969292	1.466125488	3.130240566
2018-05-03T03:08:31+02:00	12.92657852	1.377760887	1.098959923	1.475811005	3.431437484
2018-05-03T03:18:31+02:00	12.9258337	1.341999054	1.109539986	1.435577393	3.085395588
2018-05-03T03:33:31+02:00	12.91889	1.358538628	0.992118835	1.539140701	2.517726538
2018-05-03T03:43:31+02:00	12.92069244	1.303404808	0.992714882	1.53467083	2.814593315

2018-05-03T03:53:31+02:00	12.91875553	1.317411423	0.981986046	1.4890728	2.830703687
2018-05-03T04:03:31+02:00	12.91882992	1.30712986	0.99703598	1.510530472	2.962971033
2018-05-03T04:13:31+02:00	12.91726494	1.325458527	0.976472855	1.498609543	3.006005759
2018-05-03T04:23:31+02:00	12.9162817	1.330078125	0.990778923	1.474321365	2.959073664
2018-05-03T04:33:31+02:00	12.91461277	1.302659988	1.042484283	1.47923851	3.069862351
2018-05-03T04:43:31+02:00	12.91279507	1.331120491	1.03488636	1.440048218	3.301258462
2018-05-03T04:58:31+02:00	12.90757942	1.340359688	1.058280945	1.473426819	3.623382664
2018-05-03T05:13:31+02:00	12.90415192	1.344978333	1.103132248	1.422018051	3.776176367
2018-05-03T05:28:31+02:00	12.90361595	1.322627068	1.065432549	1.411289215	3.908455568
2018-05-03T05:43:31+02:00	12.90164852	1.28909874	1.083313942	1.401901245	2.67683847
2018-05-03T05:58:31+02:00	12.90060616	1.300722122	1.092105865	1.384914398	3.270177622
2018-05-03T06:13:31+02:00	12.89841557	1.302659035	1.156330109	1.3799963	3.40052862
2018-05-03T06:28:31+02:00	12.89741707	1.316070557	0.960529327	1.346767426	4.409318181
2018-05-03T06:43:31+02:00	12.89528656	1.274347305	0.973642349	1.373737335	3.075714485
2018-05-03T06:58:31+02:00	12.8945713	1.258998871	0.984519005	1.349747658	3.020081013
2018-05-03T07:13:31+02:00	12.8957634	1.285969734	1.016259193	1.329778671	3.065774495
2018-05-03T07:28:31+02:00	12.89667225	1.266896248	0.992119789	1.302957535	3.018874414
2018-05-03T07:43:31+02:00	12.89725304	1.332909584	0.99912262	1.312047005	3.157846301
2018-05-03T07:58:31+02:00	12.89720821	1.282394409	1.026093483	1.304298401	3.968690962
2018-05-03T08:13:31+02:00	12.90103817	1.284481049	1.04263401	1.291185379	3.972096061
2018-05-03T08:28:31+02:00	12.90440559	1.319646835	1.045465469	1.272409439	3.208725775
2018-05-03T08:43:31+02:00	12.90872669	1.560152054	1.062601089	1.233816147	3.357914768
2018-05-03T08:53:31+02:00	12.91584969	1.277029037	1.066177368	1.23500824	3.562509437
2018-05-03T09:08:31+02:00	12.91894913	1.254380226	1.106559753	1.249014854	4.219975863
2018-05-03T09:23:31+02:00	12.93055725	1.291335106	1.115501404	1.213252068	3.787292305
2018-05-03T09:38:31+02:00	12.93638325	1.313984871	1.127570152	1.180321693	3.808964277
2018-05-03T09:53:31+02:00	12.94590569	1.255125046	1.155883789	1.181364059	7.414320648
2018-05-03T10:08:31+02:00	12.95967388	1.252292633	1.172125816	1.139343262	4.142934082
2018-05-03T10:23:31+02:00	12.9734726	1.274198532	1.179427147	1.112818718	4.788602788
2018-05-03T10:38:31+02:00	12.99361897	1.209378242	1.052915573	1.266301155	4.417890984
2018-05-03T10:53:31+02:00	13.00388527	1.211463928	1.114904404	1.31443119	3.695371085
2018-05-03T11:08:31+02:00	13.01826572	1.22517395	0.923871994	1.248866081	2.750103021
2018-05-03T11:23:31+02:00	13.03732395	1.233368874	0.955313683	1.217126846	3.286834144
2018-05-03T11:38:31+02:00	13.05629349	1.197606087	0.90882206	1.250207901	2.646462049
2018-05-03T11:53:31+02:00	13.07408524	1.199245453	0.949055672	1.253335953	2.610562201
2018-05-03T12:08:31+02:00	13.09046173	1.199245453	0.987351418	1.245737076	3.825407454
2018-05-03T12:23:31+02:00	13.10536289	1.194030762	0.981987	1.259744644	2.850635376
2018-05-03T12:38:31+02:00	13.11847591	1.206695557	0.982583046	1.229643822	2.977915023
2018-05-03T12:53:31+02:00	13.12319946	1.151561737	1.027435303	1.215338707	3.137935424
2018-05-03T13:08:31+02:00	13.12376595	1.166463852	1.065581322	1.182704926	3.129979796
2018-05-03T13:23:31+02:00	13.12842941	1.233219147	1.066923141	1.206547737	3.34489784
2018-05-03T13:38:31+02:00	13.1279974	1.245588303	1.1618433	1.227855682	3.240089926
2018-05-03T13:53:31+02:00	13.13611889	1.19775486	1.168251038	1.183897972	3.570698334
2018-05-03T14:08:31+02:00	13.13386822	1.155286789	1.229495049	1.146197319	3.73207988
2018-05-03T14:23:31+02:00	13.13257217	1.211762428	1.243055344	1.119524002	3.795698699
2018-05-03T14:38:31+02:00	13.13205051	1.163929939	1.270622253	1.10611248	4.387186188
2018-05-03T14:53:31+02:00	13.13182735	1.175403595	1.28865242	1.112372398	4.750218022
2018-05-03T15:08:31+02:00	13.12913036	1.183151245	1.313388824	1.118034363	4.944731264
2018-05-03T15:23:31+02:00	13.13197613	1.230985641	1.335441589	1.132935524	4.304589658
2018-05-03T15:38:31+02:00	13.12938309	1.1241436	1.32665062	1.098662376	4.508728657

2018-05-03T15:53:31+02:00	13.1288166	1.182704926	1.366735458	1.093745232	4.753920231
2018-05-03T16:08:31+02:00	13.12947273	1.130252838	1.421719551	1.096576691	4.592272213
2018-05-03T16:23:31+02:00	13.12728214	1.189857483	1.394748688	1.092106819	4.907629337
2018-05-03T16:38:31+02:00	13.1258812	1.187623024	1.416057587	1.074075699	4.8588349
2018-05-03T16:53:31+02:00	13.1221714	1.073032379	0.977664948	1.286417007	2.968131615
2018-05-03T17:08:31+02:00	13.12261772	1.112222672	0.990479469	1.302063942	2.77016896
2018-05-03T17:23:31+02:00	13.11761093	1.137852669	0.988393784	1.284778595	3.110928019
2018-05-03T17:38:31+02:00	13.11616611	1.095235825	1.032799721	1.285522461	2.970675402
2018-05-03T17:53:31+02:00	13.11454201	1.143813133	1.073629379	1.276136398	3.449512781
2018-05-03T18:08:31+02:00	13.11095047	1.091509819	1.098514557	1.242756844	3.318590121
2018-05-03T18:23:31+02:00	13.10776138	1.143068314	1.25378418	1.23396492	5.61754174
2018-05-03T18:38:31+02:00	13.10439396	1.207590103	1.5984478	1.227408409	3.291152403
2018-05-03T18:53:31+02:00	13.10129452	1.338273048	2.38657093	1.245140076	3.191745508
2018-05-03T19:08:31+02:00	13.09759903	1.601279259	4.007071495	1.191944122	3.575752779
2018-05-03T19:18:31+02:00	13.09771824	1.984984398	5.941688538	1.213104248	3.41943812
2018-05-03T19:28:31+02:00	13.09758377	2.416969299	8.81254673	1.196861267	3.906435686
2018-05-03T19:38:31+02:00	13.09545326	3.078281403	12.95909214	1.219213486	3.623700325
2018-05-03T19:48:31+02:00	13.09400749	4.095137596	19.18479919	1.162737846	3.500210898
2018-05-03T19:58:31+02:00	13.09204102	5.545318604	27.51871872	1.205504417	3.860336368
2018-05-03T20:08:31+02:00	13.09078979	7.327795029	38.75955963	1.214742661	4.024610801
2018-05-03T20:18:31+02:00	13.08888245	9.804368973	53.07152939	1.192092896	3.692757761
2018-05-03T20:28:31+02:00	13.08754063	12.93718719	71.85786438	1.20580101	3.927153724
2018-05-03T20:38:31+02:00	13.08591652	16.81163788	94.5761795	1.187026024	3.772310574
2018-05-03T20:48:31+02:00	13.08411407	21.4479866	121.9128113	1.205504417	4.64606226
2018-05-03T20:58:31+02:00	13.08228111	26.8264122	153.7950287	1.205503464	4.262379767
2018-05-03T21:08:31+02:00	13.08038807	32.96583939	191.0212708	1.209974289	4.086278497
2018-05-03T21:18:31+02:00	13.07894325	40.00350571	232.3095551	1.233517647	3.949145838
2018-05-03T21:28:31+02:00	13.07770634	47.47018433	277.3003235	1.239030838	3.980569163
2018-05-03T21:38:31+02:00	13.07496452	55.5776062	324.3587646	1.247078896	4.077256034
2018-05-03T21:48:31+02:00	13.07272911	64.13072205	373.0210571	1.249909401	4.942642602
2018-05-03T21:58:31+02:00	13.07170105	72.90483093	424.8283997	1.239478111	4.326092125
2018-05-03T22:08:31+02:00	13.06985283	81.4232254	473.2142639	1.275539398	4.28511449
2018-05-03T22:18:31+02:00	13.06903362	90.33039093	522.873291	1.280755043	4.346416635
2018-05-03T22:28:31+02:00	13.06787109	98.44765472	570.4587402	1.287906647	4.441717307
2018-05-03T22:38:31+02:00	13.06602383	105.963501	613.8007813	1.298636436	4.451472928
2018-05-03T22:48:31+02:00	13.06556129	112.8040237	654.1672363	1.313388824	5.160384172
2018-05-03T22:58:31+02:00	13.06441402	119.1718903	691.972229	1.314728737	4.982029699
2018-05-03T23:08:31+02:00	13.06362438	124.2928162	719.0403442	1.319199562	4.754991355
2018-05-03T23:18:31+02:00	13.06320763	129.1741333	744.7911987	1.331269264	4.745124365
2018-05-03T23:28:31+02:00	13.06232834	132.7815704	763.8598633	1.326054573	5.421329433
2018-05-03T23:38:31+02:00	13.06083775	151.4652405	822.5142822	1.366884232	4.089873159
2018-05-03T23:48:31+02:00	13.05946732	152.1195526	792.0709229	1.375227928	3.77776451
2018-05-03T23:58:31+02:00	13.05860329	152.9262848	795.4816284	1.392364502	3.462576001
2018-05-04T00:08:31+02:00	13.05727673	152.0246277	787.1030273	1.228302956	3.751745789
2018-05-04T00:18:31+02:00	13.05602455	150.9790192	778.68927	1.233071327	3.778717595
2018-05-04T00:28:31+02:00	13.05507088	149.4289856	751.8204956	1.38759613	4.388648692
2018-05-04T00:38:31+02:00	13.05428123	146.495697	735.8104248	1.386850357	4.292198885
2018-05-04T00:48:31+02:00	13.05375957	143.4433441	724.4674683	1.372843742	4.183070009
2018-05-04T00:58:31+02:00	13.05326843	140.3720703	709.0829468	1.363605499	4.152223618
2018-05-04T01:08:31+02:00	13.05237389	136.6662903	689.5765381	1.386106491	5.743738634

2018-05-04T01:18:31+02:00	13.05082417	132.4042664	663.4146118	1.362114906	4.815358336
2018-05-04T01:28:31+02:00	13.0504818	128.263092	642.6516113	1.356899261	4.432448301
2018-05-04T01:38:31+02:00	13.04917049	122.0557022	637.078186	1.306533813	4.9839868
2018-05-04T01:48:31+02:00	13.04876804	123.0456009	639.8065186	1.272707939	5.865797392
2018-05-04T01:58:31+02:00	13.04721832	118.3031464	611.0230103	1.218170166	4.512275694
2018-05-04T02:08:31+02:00	13.04550457	113.286972	583.1461792	1.202821732	5.590747293
2018-05-04T02:18:31+02:00	13.04446125	108.3245926	557.5610352	1.221000671	4.449277851
2018-05-04T02:28:31+02:00	13.0425539	103.6116486	510.2270813	1.194477081	4.500038688
2018-05-04T02:38:31+02:00	13.04222679	98.40891266	503.7805176	1.190304756	3.950549152
2018-05-04T02:48:31+02:00	13.04131699	93.91650391	479.09021	1.210867882	4.030916797
2018-05-04T02:58:31+02:00	13.04133224	90.13310242	460.8781433	1.212358475	3.842824685
2018-05-04T03:08:31+02:00	13.04192829	86.40036011	465.0445557	1.31443119	2.543645632
2018-05-04T03:18:31+02:00	13.0415411	82.2973175	443.3746643	1.269429207	3.173185748
2018-05-04T03:28:31+02:00	13.0405426	78.58946991	423.7294312	1.301169395	2.443593635
2018-05-04T03:38:31+02:00	13.04040813	74.72694397	403.0050354	1.269728661	2.475442561
2018-05-04T03:48:31+02:00	13.03869438	71.24796295	384.2107849	1.278370857	2.677116202
2018-05-04T03:58:31+02:00	13.03876972	68.0398941	365.4770508	1.256465912	2.894109582
2018-05-04T04:08:31+02:00	13.0384264	68.67691803	357.4702148	1.190900803	2.518336505
2018-05-04T04:18:31+02:00	13.03847122	65.04416656	334.2884827	1.24439621	3.05459128
2018-05-04T04:28:31+02:00	13.03863525	61.33392334	307.7347412	1.250207901	4.18473731
2018-05-04T04:38:31+02:00	13.03780079	58.84975433	297.1509094	1.360625267	3.015903136
2018-05-04T04:48:31+02:00	13.0369072	55.8735466	285.2232971	1.321286201	2.862949521
2018-05-04T04:58:31+02:00	13.03555107	53.53078079	272.9241638	1.31577301	2.866547318
2018-05-04T05:08:31+02:00	13.03586388	51.30976105	257.7076721	1.296549797	3.247290134
2018-05-04T05:18:31+02:00	13.03483582	49.73590469	246.7988281	1.278966904	2.856309711
2018-05-04T05:28:31+02:00	13.03419495	47.8887558	236.2486725	1.297890663	2.954136806
2018-05-04T05:38:31+02:00	13.03213882	46.043396	226.1708679	1.266301155	3.191968322
2018-05-04T05:48:31+02:00	13.03140831	44.57920837	216.2967529	1.2715168	3.156916743
2018-05-04T05:58:31+02:00	13.03143787	43.782444	205.9067688	1.19030571	4.10909964
2018-05-04T06:08:31+02:00	13.03064823	42.61806488	216.9695435	1.154691696	2.040887889
2018-05-04T06:18:31+02:00	13.02951622	41.21154785	209.5773926	1.17227459	2.082381808
2018-05-04T06:28:31+02:00	13.0282793	40.03465271	208.5512848	1.241713524	2.217155477
2018-05-04T06:38:31+02:00	13.02684879	38.59549713	204.5986023	1.24260807	4.438827381
2018-05-04T06:48:31+02:00	13.02661037	38.42621994	202.1226349	1.128018379	1.932397023
2018-05-04T06:58:31+02:00	13.026968	37.23129654	195.0836182	1.109391212	1.94361783
2018-05-04T07:08:31+02:00	13.02740002	36.08509827	188.78862	1.069008827	2.370772282
2018-05-04T07:18:31+02:00	13.02818966	35.405159	182.6530762	1.043528557	1.685148484
2018-05-04T07:28:31+02:00	13.02772713	34.47398376	177.5607452	1.056194305	1.659309934
2018-05-04T07:38:31+02:00	13.02833843	33.5499649	172.1496887	1.056641579	1.704094495
2018-05-04T07:48:31+02:00	13.0294714	32.66155624	167.6043854	1.028776169	1.753047533
2018-05-04T07:58:31+02:00	13.02956009	31.88431358	163.1510315	1.044571877	1.625452787
2018-05-04T08:08:31+02:00	13.02902412	31.07473183	158.6847076	1.049786568	1.603712796
2018-05-04T08:18:31+02:00	13.03015614	30.307621	154.7492981	1.036524773	2.167198424
2018-05-04T08:28:31+02:00	13.0286665	29.64496613	150.8441467	1.028329849	1.771242127
2018-05-04T08:38:31+02:00	13.02914333	28.85267258	147.1613312	1.022964478	1.849437834
2018-05-04T08:48:31+02:00	13.03023148	27.95606613	140.8276062	1.139938354	2.699556634
2018-05-04T08:58:31+02:00	13.03164673	27.50262642	134.3029785	1.267493248	2.457836023
2018-05-04T09:08:31+02:00	13.03274918	27.23544884	143.664917	1.246481895	1.088191223
2018-05-04T09:18:31+02:00	13.03269005	27.0658741	141.6339111	1.244544983	1.066799921
2018-05-04T09:28:31+02:00	13.03368759	26.63433456	138.2815857	1.264810562	1.566540002

2018-05-04T09:38:31+02:00	13.03657913	26.01653481	135.3408508	1.262277603	1.357045624
2018-05-04T09:48:31+02:00	13.04079628	25.59065628	133.2671967	1.261979103	1.184723695
2018-05-04T09:58:31+02:00	13.0450573	25.11412048	130.5563812	1.231133461	1.353767704
2018-05-04T10:08:31+02:00	13.04759121	24.64517975	127.7375183	1.239776611	1.256255741
2018-05-04T10:18:31+02:00	13.05273151	24.19814301	125.3268127	1.231431961	1.171437835
2018-05-04T10:28:31+02:00	13.06192589	23.67034531	122.2468872	1.226961136	1.442125667
2018-05-04T10:38:31+02:00	13.06489086	23.26414108	119.8449783	1.219361305	1.436071775
2018-05-04T10:48:31+02:00	13.07135773	22.82813072	117.6804276	1.226216316	1.511549264
2018-05-04T10:58:31+02:00	13.07235622	22.36843109	115.247818	1.234412193	3.294576908
2018-05-04T11:08:31+02:00	13.08304024	22.0638504	112.7883759	1.231581688	1.79259311
2018-05-04T11:18:31+02:00	13.09064007	21.59848785	110.9749069	1.223534584	1.429563425
2018-05-04T11:28:31+02:00	13.09721184	21.25591278	108.7683487	1.232475281	1.486288596
2018-05-04T11:38:31+02:00	13.10057926	20.87563324	106.4085922	1.211763382	1.472841202
2018-05-04T11:48:31+02:00	13.11302185	20.28942108	103.8642197	1.185833931	1.658541333
2018-05-04T11:58:31+02:00	13.11920547	19.77503395	104.095192	1.1618433	1.333105974
2018-05-04T12:08:31+02:00	13.12828064	19.5726738	102.3332825	1.182406425	1.50191115
2018-05-04T12:18:31+02:00	13.13066483	19.19910431	102.1517792	1.156777382	1.567142446
2018-05-04T12:28:31+02:00	13.1400671	18.92641258	99.43067932	1.137106895	1.472859417
2018-05-04T12:38:31+02:00	13.15784454	18.47386551	99.36035156	1.11654377	1.399980799
2018-05-04T12:48:31+02:00	13.15690613	18.12458038	97.7361145	1.101196289	1.267090013
2018-05-04T12:58:31+02:00	13.1595726	17.91104507	96.18655396	1.106560707	1.226653901
2018-05-04T13:08:31+02:00	13.16213608	17.61242676	94.59555054	1.113116264	1.259655036
2018-05-04T13:18:31+02:00	13.16496754	17.35508347	92.85956573	1.079738617	1.328700925
2018-05-04T13:28:31+02:00	13.16286659	17.10325623	91.3515625	1.086442947	1.391580269
2018-05-04T13:38:31+02:00	13.15994549	16.75426865	89.78054047	1.091957092	1.446101236
2018-05-04T13:48:31+02:00	13.15973663	16.55012512	88.35777283	1.091212273	1.553294647
2018-05-04T13:58:31+02:00	13.15777016	16.34374237	87.16181183	1.086442947	1.701092223
2018-05-04T14:08:31+02:00	13.15800858	16.08326912	85.9300766	1.076013565	1.875618477
2018-05-04T14:18:31+02:00	13.15689087	15.85766602	84.65692139	1.084357262	1.689432096
2018-05-04T14:28:31+02:00	13.15651798	15.66484642	83.5368042	1.100749016	1.470396701
2018-05-04T14:38:31+02:00	13.15531158	15.53103352	81.94282532	1.092850685	1.748284574
2018-05-04T14:48:31+02:00	13.15565395	15.28412056	80.58369446	1.06215477	1.784400023
2018-05-04T14:58:31+02:00	13.15586281	15.01560307	79.35836792	1.082570076	1.953076847
2018-05-04T15:08:31+02:00	13.15599632	15.17906857	71.2142868	1.119971275	4.053935156
2018-05-04T15:18:31+02:00	13.15613079	15.31541348	78.13408661	1.098959923	1.684343521
2018-05-04T15:28:31+02:00	13.15814209	15.0553875	76.99877167	1.082121849	1.89224615
2018-05-04T15:38:31+02:00	13.16393948	14.89192295	76.00993347	1.108795166	1.53126834
2018-05-04T15:48:31+02:00	13.16528034	14.68881989	75.20705414	1.100600243	1.866793059
2018-05-04T15:58:31+02:00	13.16194248	14.50598145	74.0683136	1.079441071	1.836964785
2018-05-04T16:08:31+02:00	13.16119766	14.33730125	73.07365417	1.064687729	2.023972312
2018-05-04T16:18:31+02:00	13.16155529	14.12779045	72.06455231	1.087188721	1.657279085
2018-05-04T16:28:31+02:00	13.16116714	14.03808594	71.24200439	1.058132172	1.792446704
2018-05-04T16:38:31+02:00	13.1585598	13.83840942	70.2686615	1.066327095	1.709623206
2018-05-04T16:48:31+02:00	13.15769577	13.74453354	69.43836212	1.053660393	1.878188129
2018-05-04T16:58:31+02:00	13.15569878	13.53368187	68.43551636	1.04412365	1.794444316
2018-05-04T17:08:31+02:00	13.15543079	13.36932087	67.79253387	1.063495636	2.340176307
2018-05-04T17:18:31+02:00	13.15502834	13.29883957	67.04405212	1.054853439	2.622940655
2018-05-04T17:28:31+02:00	13.15444756	13.0333004	66.20272827	1.07154274	2.006951045
2018-05-04T17:38:31+02:00	13.15388107	12.98904419	65.64587402	1.059323311	1.980064489
2018-05-04T17:48:31+02:00	13.15352345	12.80531311	64.44021606	1.04501915	2.399477211

2018-05-04T17:58:31+02:00	13.15355301	12.67075539	63.72660446	1.032203674	1.874976783
2018-05-04T18:08:31+02:00	13.15237617	12.53813362	63.00926208	1.030714035	1.885271789
2018-05-04T18:18:31+02:00	13.15037918	12.35559654	62.32530212	1.051277161	2.107258771
2018-05-04T18:28:31+02:00	13.14821815	12.25724792	61.57606888	1.039356232	1.946133762
2018-05-04T18:38:31+02:00	13.14507389	12.12462807	60.91191864	1.03428936	2.066304446
2018-05-04T18:48:31+02:00	13.14415073	12.0435648	60.41109848	1.004636765	2.480985402
2018-05-04T18:58:31+02:00	13.14201927	11.87428856	59.62565613	1.020581245	2.027447588
2018-05-04T19:08:31+02:00	13.1400671	11.81081009	59.04659653	1.018792152	2.356359068
2018-05-04T19:18:31+02:00	13.13880062	11.89604473	58.30064392	1.024305344	2.306934362
2018-05-04T19:28:31+02:00	13.13585091	11.56970978	57.70966339	1.006572723	2.213231004
2018-05-04T19:38:31+02:00	13.13354111	11.46495438	56.96207047	0.988095284	2.2622181
2018-05-04T19:48:31+02:00	13.13167763	11.37301254	56.30448914	0.999271393	2.453919372
2018-05-04T19:58:31+02:00	13.12865353	11.27287674	55.80395508	1.007914543	2.426250993
2018-05-04T20:08:31+02:00	13.12665653	11.1369791	55.12729263	1.001060486	2.585458415
2018-05-04T20:18:31+02:00	13.12500191	11.02358246	54.62199402	0.977516174	2.773744745
2018-05-04T20:28:31+02:00	13.12272263	10.96442318	54.12593079	0.991672516	2.648738245
2018-05-04T20:38:31+02:00	13.1203537	10.87903881	53.67129898	0.967384338	2.601885431
2018-05-04T20:48:31+02:00	13.11932468	10.77562618	53.06542206	1.010894775	2.72018728
2018-05-04T20:58:31+02:00	13.11725426	10.68100357	52.48278046	0.982135773	2.613578403
2018-05-04T21:08:31+02:00	13.115942	10.58578587	52.03157806	0.967532158	2.941701051
2018-05-04T21:18:31+02:00	13.11349869	10.49488735	51.55831146	0.957400322	2.738747181
2018-05-04T21:28:31+02:00	13.11169529	10.40399075	51.05346298	0.957846642	3.007640052
2018-05-04T21:38:31+02:00	13.11075687	10.32784557	50.68272018	0.952780724	2.795149739
2018-05-04T21:48:31+02:00	13.1089983	10.23173237	49.81681824	0.95307827	3.046808122
2018-05-04T21:58:31+02:00	13.10716534	10.48356342	46.83688354	0.989437103	4.095714126
2018-05-04T22:08:31+02:00	13.10595894	10.56626511	47.94985199	0.968725204	3.354134355
2018-05-04T22:18:31+02:00	13.10485649	10.6839838	47.14205933	1.045316696	3.025931623
2018-05-04T22:28:31+02:00	13.102561	10.28329277	48.28378677	1.033991814	2.77120639
2018-05-04T22:38:31+02:00	13.10169697	10.59055424	49.32001495	1.036823273	2.089851713
2018-05-04T22:48:31+02:00	13.10069847	10.45107841	48.59700775	1.021325111	2.619295599
2018-05-04T22:58:31+02:00	13.09850788	10.32918739	48.16576767	1.01745224	2.334272266
2018-05-04T23:08:31+02:00	13.09777832	10.18047333	47.31312561	0.993759155	2.601404725
2018-05-04T23:18:31+02:00	13.09634781	10.21996212	50.05061722	1.03458786	1.578526301
2018-05-04T23:28:31+02:00	13.09524441	10.15380001	48.34070969	1.02490139	1.521243518
2018-05-04T23:38:31+02:00	13.09482765	10.00061607	47.81141663	1.02624321	2.446641685
2018-05-04T23:48:31+02:00	13.09280109	9.928643227	47.35276031	1.03354454	1.627793554
2018-05-04T23:58:31+02:00	13.09242821	9.866207123	46.94119263	1.00880909	1.901313661
2018-05-05T00:08:31+02:00	13.09095287	9.670703888	46.40355682	1.02519989	1.601464117
2018-05-05T00:18:31+02:00	13.08998489	9.587705612	46.03937149	1.006424904	2.976744981
2018-05-05T00:28:31+02:00	13.08777905	9.701251984	44.23350143	0.929832458	2.089777765
2018-05-05T00:38:31+02:00	13.08590126	9.531676292	45.78083801	1.057088852	1.294676505
2018-05-05T00:48:31+02:00	13.08351707	9.410678864	46.53245163	1.065283775	1.628177447
2018-05-05T00:58:31+02:00	13.08138657	9.362547874	46.00733566	1.068264008	1.296331906
2018-05-05T01:08:31+02:00	13.07858562	9.382665634	45.56149292	1.063495636	1.470579312
2018-05-05T01:18:31+02:00	13.0759182	9.171664238	44.82105255	1.073181152	1.387809769
2018-05-05T01:28:31+02:00	13.07237148	9.068399429	44.15720749	1.066774368	1.562757548
2018-05-05T01:38:31+02:00	13.06970406	9.001642227	43.68349838	1.02490139	1.516715424
2018-05-05T01:48:31+02:00	13.06678391	9.017586708	38.56912231	1.039356232	2.331412484
2018-05-05T01:58:31+02:00	13.06302834	8.982567787	41.68927765	1.058876038	2.492904655
2018-05-05T02:08:31+02:00	13.06089783	8.904636383	40.73500824	1.012086868	2.803490276

2018-05-05T02:18:31+02:00	13.05760479	8.808820724	39.65273666	1.02728653	2.820951567
2018-05-05T02:28:31+02:00	13.05480289	8.724480629	39.21643066	1.014918327	2.293267969
2018-05-05T02:38:31+02:00	13.05176353	8.748323441	38.75240326	1.028179169	2.055305426
2018-05-05T02:48:31+02:00	13.04926014	8.704364777	36.79424667	1.02624321	3.765753694
2018-05-05T02:58:31+02:00	13.04756069	8.639842987	36.37954712	1.044273376	2.698815701
2018-05-05T03:08:31+02:00	13.04437256	8.615850449	37.17735291	1.045166969	2.530204404
2018-05-05T03:18:31+02:00	13.04167557	8.535682678	37.65135956	1.019388199	2.096880432
2018-05-05T03:28:31+02:00	13.04183865	8.495599747	39.8908577	1.040398598	1.395898635
2018-05-05T03:38:31+02:00	13.04157066	8.377283096	39.37601852	1.036375999	1.045001233
2018-05-05T03:48:31+02:00	13.04125786	8.326471329	38.89545822	1.013278961	1.251275611
2018-05-05T03:58:31+02:00	13.04090023	8.276700974	38.34932709	1.012236595	1.942680782
2018-05-05T04:08:31+02:00	13.04058743	8.197277069	38.90842056	1.053959846	1.872279468
2018-05-05T04:18:31+02:00	13.04040813	8.150785446	38.36184692	1.032053947	0.744400534
2018-05-05T04:28:31+02:00	13.04060173	8.094609261	37.80275726	1.040249825	0.825719857
2018-05-05T04:38:31+02:00	13.04115391	7.960647583	36.9127121	1.091957092	1.489956779
2018-05-05T04:48:31+02:00	13.04127312	8.015930176	36.50754929	1.057684898	2.059535828
2018-05-05T04:58:31+02:00	13.0421524	7.827877045	36.08450317	1.07154274	1.685643275
2018-05-05T05:08:31+02:00	13.04227066	7.821321487	35.61079407	1.084804535	1.709202773
2018-05-05T05:18:31+02:00	13.04222679	7.725954056	35.26434326	1.080780983	1.590149801
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2018-05-05T05:48:31+02:00	13.04301643	7.58737278	34.32571793	1.04472065	1.678139332
2018-05-05T05:58:31+02:00	13.04246521	7.545501709	34.11650848	1.047849655	1.581468477
2018-05-05T06:08:31+02:00	13.04323959	7.451921463	33.80745697	1.056491852	1.760357659
2018-05-05T06:18:31+02:00	13.04346275	7.421075821	33.58259583	1.086145401	1.6909325
2018-05-05T06:28:31+02:00	13.0433588	7.324813843	33.31840134	1.06289959	1.512279249
2018-05-05T06:38:31+02:00	13.04379082	7.402599335	32.99653625	1.026540756	1.579092831
2018-05-05T06:48:31+02:00	13.04468536	7.257610321	32.77674103	1.038461685	1.752461291
2018-05-05T06:58:31+02:00	13.04507256	7.726848602	32.55531311	1.047998428	1.617315504
2018-05-05T07:08:31+02:00	13.04420853	7.195472717	32.33998871	1.039802551	2.139653544
2018-05-05T07:18:31+02:00	13.04529572	7.146895409	32.00366974	1.022964478	1.877123616
2018-05-05T07:28:31+02:00	13.04556465	7.098317146	31.77732277	1.043527603	1.807973837
2018-05-05T07:38:31+02:00	13.04551983	6.996841431	31.56855583	1.007169724	1.921104011
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2018-05-05T07:58:31+02:00	13.04620552	6.900877953	31.10229874	1.016706467	1.735370915
2018-05-05T08:08:31+02:00	13.04639912	6.913990021	30.70369339	1.012235641	1.897973074
2018-05-05T08:18:31+02:00	13.04660702	6.887020111	30.46959496	1.030266762	1.951019156
2018-05-05T08:28:31+02:00	13.04712868	6.801783562	30.23475456	1.026093483	1.891218093
2018-05-05T08:38:31+02:00	13.04779911	6.784350395	30.00170135	1.006872177	2.40937328
2018-05-05T08:48:31+02:00	13.04751587	6.742031097	29.79800034	1.027435303	1.938824099
2018-05-05T08:58:31+02:00	13.04799271	6.716251373	29.6117363	0.996739388	2.202839534
2018-05-05T09:08:31+02:00	13.04826164	6.649046898	29.45691299	1.026988029	1.961949133
2018-05-05T09:18:31+02:00	13.04943848	6.610302925	29.2100029	0.998973846	2.117914476
2018-05-05T09:28:31+02:00	13.05091381	6.555765152	29.03282738	1.005381584	2.096162555
2018-05-05T09:38:31+02:00	13.05220985	6.523281097	28.82748795	1.009405136	2.467239089
2018-05-05T09:48:31+02:00	13.05264282	6.463527679	28.61887169	1.028776169	2.147551705
2018-05-05T09:58:31+02:00	13.05358124	6.480664253	28.48461151	1.018792152	2.400344973
2018-05-05T10:08:31+02:00	13.0554142	6.417183876	28.27480507	0.989884377	2.055728692
2018-05-05T10:18:31+02:00	13.05666542	6.369054794	28.11968231	1.000910759	2.027667857
2018-05-05T10:28:31+02:00	13.05867767	6.346701622	27.94459343	1.020282745	2.110460949

2018-05-05T10:38:31+02:00	13.06144905	6.285310745	27.74193764	0.978112221	2.266882387
2018-05-05T10:48:31+02:00	13.0633564	6.248802185	27.61363983	0.967233658	2.290723391
2018-05-05T10:58:31+02:00	13.06654549	6.289780617	27.60902023	0.969618797	2.202803219
2018-05-05T11:08:31+02:00	13.06900406	6.214380264	27.62511444	0.999868393	2.305311058
2018-05-05T11:18:31+02:00	13.07082176	6.19903183	27.52661705	0.987500191	2.179850765
2018-05-05T11:28:31+02:00	13.073102	6.167590141	27.39995575	0.975728035	2.677282558
2018-05-05T11:38:31+02:00	13.07435322	6.456226349	27.06482887	0.979751587	2.436113412
2018-05-05T11:48:31+02:00	13.07548618	6.338209152	26.95202637	0.952482224	3.047885664
2018-05-05T11:58:31+02:00	13.07655907	6.370992661	28.14128876	0.987201691	1.885437167
2018-05-05T12:08:31+02:00	13.0784359	6.316900253	27.98289108	0.98094368	1.786819238
2018-05-05T12:18:31+02:00	13.0799408	6.271749496	27.82642937	0.973492622	1.869582248
2018-05-05T12:28:31+02:00	13.08228111	6.287396431	27.71571159	0.949054718	2.146336629
2018-05-05T12:38:31+02:00	13.08371162	6.213485718	27.3288765	0.967234612	2.18583717
2018-05-05T12:48:31+02:00	13.08520126	6.101429939	26.7475853	0.953227043	2.205806111
2018-05-05T12:58:31+02:00	13.08625984	6.093530655	26.57160187	0.953227043	2.542480771
2018-05-05T13:08:31+02:00	13.08886719	6.109178543	27.14201736	1.017748833	2.201623691
2018-05-05T13:18:31+02:00	13.0937252	5.993396759	26.98153305	1.021623611	2.218648425
2018-05-05T13:28:31+02:00	13.10028172	6.095468521	26.35702324	0.973939896	1.887308967
2018-05-05T13:38:31+02:00	13.10184574	6.071926117	26.14796066	0.98928833	1.793051566
2018-05-05T13:48:31+02:00	13.10503483	6.047040939	26.01951218	0.981092453	2.18005304
2018-05-05T13:58:31+02:00	13.10959435	6.055832863	25.83533478	0.973492622	1.927053042
2018-05-05T14:08:31+02:00	13.11701584	5.952418327	25.34806824	0.953971863	2.505878579
2018-05-05T14:18:31+02:00	13.12151527	5.992204666	26.42199326	1.007616043	2.058027266
2018-05-05T14:28:31+02:00	13.12541962	5.908309937	26.73789787	0.921190262	2.508521641
2018-05-05T14:38:31+02:00	13.13133526	5.869865417	26.5949955	0.922381401	1.703966547
2018-05-05T14:48:31+02:00	13.13692284	5.851685524	26.38936043	0.917613029	1.71412814
2018-05-05T14:58:31+02:00	13.1400528	5.830079079	26.27462196	0.955461502	1.614005726
2018-05-05T15:08:31+02:00	13.14152813	5.852877617	26.15139008	0.932812691	2.207297926
2018-05-05T15:18:31+02:00	13.14677334	5.769728661	26.03009415	0.920594215	1.793436353
2018-05-05T15:28:31+02:00	13.15121365	5.763918877	25.87586594	0.949203491	2.410906206
2018-05-05T15:38:31+02:00	13.15419388	5.624740601	26.17359161	0.965744019	1.324296215
2018-05-05T15:48:31+02:00	13.15517712	5.56379509	26.04499435	0.97990036	1.517372557
2018-05-05T15:58:31+02:00	13.15726376	5.518346786	25.84457397	0.993310928	1.172617877
2018-05-05T16:08:31+02:00	13.15839577	5.505233765	26.28654099	0.939816475	0.732400258
2018-05-05T16:18:31+02:00	13.16109276	5.580336571	25.98628616	0.915527344	1.512480207
2018-05-05T16:28:31+02:00	13.16553307	5.367994308	26.20741844	1.021474838	1.082303627
2018-05-05T16:38:31+02:00	13.16919899	5.367397308	26.08895493	1.02549839	1.155869406
2018-05-05T16:48:31+02:00	13.16933346	5.622804642	26.38503647	1.001804352	1.308247579
2018-05-05T16:58:31+02:00	13.17322254	5.691200256	25.40216064	0.977367401	1.118275266
2018-05-05T17:08:31+02:00	13.17222404	5.664526939	25.90328217	1.037568092	0.688928058
2018-05-05T17:18:31+02:00	13.16915417	5.665271759	25.58380508	1.027584076	0.818590153
2018-05-05T17:28:31+02:00	13.17439938	5.686729431	25.41899872	0.986904144	0.729347395
2018-05-05T17:38:31+02:00	13.17587471	5.701780319	25.16433716	1.008063316	0.850973961
2018-05-05T17:48:31+02:00	13.17541313	5.748420715	25.42391586	0.978113174	0.790892671
2018-05-05T17:58:31+02:00	13.17512989	5.645305634	24.83800125	0.976622581	0.981566119
2018-05-05T18:08:31+02:00	13.17438507	5.72726059	24.68466759	0.980646133	1.208254332
2018-05-05T18:18:31+02:00	13.17101669	5.533247948	25.25553131	0.98958683	0.788320149
2018-05-05T18:28:31+02:00	13.16824532	5.539060593	24.98924637	1.014172554	0.753780138
2018-05-05T18:38:31+02:00	13.16699409	5.542039871	24.82786751	1.014619827	0.975492741
2018-05-05T18:48:31+02:00	13.16529465	5.56349659	24.67140388	1.025945663	0.863588709

2018-05-05T18:58:31+02:00	13.16308975	5.477218628	24.35192299	1.029372215	0.977662237
2018-05-05T19:08:31+02:00	13.16085434	5.566626549	24.24269867	0.993162155	1.070222756
2018-05-05T19:18:31+02:00	13.15964794	5.493015289	24.05583954	1.014769554	1.05215171
2018-05-05T19:28:31+02:00	13.15827656	5.516112328	23.81890869	1.011044502	1.09781281
2018-05-05T19:38:31+02:00	13.15642929	5.477518082	24.12110519	1.006126404	0.861588478
2018-05-05T19:48:31+02:00	13.15370178	5.421936035	24.39424133	0.974088669	0.575128057
2018-05-05T19:58:31+02:00	13.15197372	5.364120483	24.1820507	0.989884377	0.78403946
2018-05-05T20:08:31+02:00	13.14969349	5.369783401	24.03095245	0.994354248	2.354347526
2018-05-05T20:18:31+02:00	13.14766693	5.316138268	23.9063797	1.005977631	0.537127059
2018-05-05T20:28:31+02:00	13.14511871	5.373806	23.01514244	0.975728035	1.124983178
2018-05-05T20:38:31+02:00	13.1423769	5.283952713	23.37634468	0.986605644	0.955454637
2018-05-05T20:48:31+02:00	13.13880062	5.329400063	23.29409218	1.002251625	1.24324313
2018-05-05T20:58:31+02:00	13.13549232	5.238353729	23.24625778	0.977664948	0.908260675
2018-05-05T21:08:31+02:00	13.13251305	5.183815002	23.14210129	0.995844841	1.953995208
2018-05-05T21:18:31+02:00	13.12865353	5.228668213	23.0371933	0.973642349	1.571125824
2018-05-05T21:28:31+02:00	13.12610531	5.199164391	22.95375061	0.972301483	0.978113824
2018-05-05T21:38:31+02:00	13.12302017	5.134492874	22.89399719	0.985116005	1.291420327
2018-05-05T21:48:31+02:00	13.12042809	5.155950546	22.74781418	0.949353218	1.390997235
2018-05-05T21:58:31+02:00	13.11710453	5.156993866	22.62085724	0.963061333	1.022290609
2018-05-05T22:08:31+02:00	13.115242	5.115866661	22.54545975	0.943987846	1.100856974
2018-05-05T22:18:31+02:00	13.11135292	5.09113121	22.49255943	0.965147972	1.020716389
2018-05-05T22:28:31+02:00	13.10975838	5.137473106	22.34235382	0.948011398	1.059339434
2018-05-05T22:38:31+02:00	13.10558605	5.174131393	21.38063431	0.992863655	1.488825749
2018-05-05T22:48:31+02:00	13.10242748	5.206912994	21.18080902	0.981389999	1.496143933
2018-05-05T22:58:31+02:00	13.09934235	5.132108688	21.21418762	0.953525543	1.946758172
2018-05-05T23:08:31+02:00	13.0964222	5.11810112	21.11911774	0.965595245	1.40464547
2018-05-05T23:18:31+02:00	13.09321785	5.086065292	20.93493843	0.951886177	1.439444777
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2018-05-05T23:38:31+02:00	13.08807755	5.053581238	20.85402679	0.975877762	1.380722772
2018-05-05T23:48:31+02:00	13.08560371	5.056410789	20.74316216	0.993608475	1.372926471
2018-05-05T23:58:31+02:00	13.08275795	5.055070877	20.71127319	0.949353218	1.502969518
2018-05-06T00:08:31+02:00	13.08065605	4.986524582	20.64958191	0.950842857	1.354678529
2018-05-06T00:18:31+02:00	13.07682705	4.995614052	20.67417145	0.959933281	1.381342081
2018-05-06T00:28:31+02:00	13.0744276	4.99323082	20.59504318	0.959634781	1.385222236
2018-05-06T00:38:31+02:00	13.07232666	4.968195915	20.48596764	0.969618797	1.375913555
2018-05-06T00:48:31+02:00	13.06992722	4.943758965	20.39611435	0.924319267	1.371542093
2018-05-06T00:58:31+02:00	13.06869125	4.918128967	20.31430435	0.960975647	1.449000445
2018-05-06T01:08:31+02:00	13.06743908	4.91842556	20.2472496	0.94354248	1.662969453
2018-05-06T01:18:31+02:00	13.06727505	4.857480049	20.1137352	0.922828674	1.360633275
2018-05-06T01:28:31+02:00	13.06483173	4.879384995	20.00331879	0.939219475	1.570449437
2018-05-06T01:38:31+02:00	13.06259632	4.844963074	19.9203186	0.927448273	1.824091005
2018-05-06T01:48:31+02:00	13.06167221	4.861205101	19.87114334	0.962763786	1.592873036
2018-05-06T01:58:31+02:00	13.06159782	4.8278265	19.79559708	0.904947281	1.490030126
2018-05-06T02:08:31+02:00	13.06033134	4.777163506	19.67489624	0.921190262	1.674790554
2018-05-06T02:18:31+02:00	13.05972004	4.852415085	19.68190193	0.900626183	1.808615434
2018-05-06T02:28:31+02:00	13.05939293	4.870145798	19.56179619	0.907629967	1.687802868
2018-05-06T02:38:31+02:00	13.05946732	4.858522415	19.53959465	0.92625618	1.76660557
2018-05-06T02:48:31+02:00	13.05848312	4.753171921	19.77771568	0.937431335	1.470469559
2018-05-06T02:58:31+02:00	13.05884171	4.732162476	19.67117119	0.980496407	1.788414105
2018-05-06T03:08:31+02:00	13.05825996	4.731714249	19.5047245	0.931470871	1.908362304

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2018-05-06T03:38:31+02:00	13.05633736	4.709215164	19.29014969	0.938774109	1.699902317
2018-05-06T03:48:31+02:00	13.05520535	4.666596413	20.09913254	0.943094254	1.307701711
2018-05-06T03:58:31+02:00	13.05405807	4.653036118	20.02149963	0.957399368	1.134013118
2018-05-06T04:08:31+02:00	13.05197144	4.629195213	19.89409447	0.919848442	1.558774676
2018-05-06T04:18:31+02:00	13.05161381	4.604458809	19.76505089	0.896156311	1.208799206
2018-05-06T04:28:31+02:00	13.05085373	4.61161232	19.65447998	0.919549942	1.115392903
2018-05-06T04:38:31+02:00	13.05063057	4.596113205	19.52960968	0.897497177	1.241897753
2018-05-06T04:48:31+02:00	13.05024338	4.561841011	19.43960953	0.88035965	1.216645176
2018-05-06T04:58:31+02:00	13.05072021	4.556179047	19.29744911	0.908673286	1.425880615
2018-05-06T05:08:31+02:00	13.05107784	4.539340019	19.21713257	0.878572464	1.165050284
2018-05-06T05:18:31+02:00	13.05046654	4.506856918	19.15335655	0.904500961	1.355843885
2018-05-06T05:28:31+02:00	13.05006409	4.50223732	19.05456352	0.900178909	1.328536919
2018-05-06T05:38:31+02:00	13.0496769	4.505067825	18.9200058	0.897794724	1.376988402
2018-05-06T05:48:31+02:00	13.04926014	4.497765541	18.02265739	0.84504509	1.897972604
2018-05-06T05:58:31+02:00	13.04857445	4.511178017	18.42811584	0.910610199	1.524913246
2018-05-06T06:08:31+02:00	13.04850006	4.505217552	18.41813278	0.882745743	1.508372848
2018-05-06T06:18:31+02:00	13.04805279	4.459768295	19.21579361	0.949353218	0.713457615
2018-05-06T06:28:31+02:00	13.04683113	4.436522484	19.16065979	0.957847595	1.013733786
2018-05-06T06:38:31+02:00	13.04514694	4.430412292	19.0529232	0.959038734	1.233648521
2018-05-06T06:48:31+02:00	13.04426765	4.389883041	18.97826767	0.940859795	1.025293774
2018-05-06T06:58:31+02:00	13.04298592	4.402697563	18.86203766	0.954866409	1.028840022
2018-05-06T07:08:31+02:00	13.04295635	4.396884918	18.80988312	0.929832458	0.756997104
2018-05-06T07:18:31+02:00	13.04176426	4.379600525	18.72405624	0.951439857	0.944021539
2018-05-06T07:28:31+02:00	13.04174995	4.380196571	18.64671707	0.919252396	0.77143241
2018-05-06T07:38:31+02:00	13.0425396	4.336387634	18.57623291	0.927746773	1.001091616
2018-05-06T07:48:31+02:00	13.04139233	4.388838768	18.51096725	0.943541527	0.811587132
2018-05-06T07:58:31+02:00	13.04340363	4.298389435	18.43169403	0.928044319	0.886126047
2018-05-06T08:08:31+02:00	13.04569817	4.319847107	18.32798004	0.946969032	1.090002864
2018-05-06T08:18:31+02:00	13.04590702	4.324018478	18.26405525	0.9442873	1.055374185
2018-05-06T08:28:31+02:00	13.04851437	4.289745331	18.1756897	0.94473362	1.423674583
2018-05-06T08:38:31+02:00	13.05399799	4.255025864	18.12145233	0.941753387	0.921001449
2018-05-06T08:48:31+02:00	13.05994415	4.288852692	18.05752563	0.919401169	0.957027007
2018-05-06T08:58:31+02:00	13.06508446	4.228949547	17.95366287	0.919998169	0.967469453
2018-05-06T09:08:31+02:00	13.0699873	4.229395866	17.83534813	0.929086685	1.295604083
2018-05-06T09:18:31+02:00	13.07468128	4.219562531	17.77470016	0.924765587	0.998307158
2018-05-06T09:28:31+02:00	13.08156586	4.163981438	17.65042496	0.91791153	1.282527689
2018-05-06T09:38:31+02:00	13.08894157	4.202425957	17.56489182	0.938773155	0.901025541
2018-05-06T09:48:31+02:00	13.09600449	4.20123291	17.50126266	0.93415451	1.002411921
2018-05-06T09:58:31+02:00	13.10187531	4.123002052	17.40276718	0.903308868	2.192984046
2018-05-06T10:08:31+02:00	13.10840225	4.12940979	17.40187454	0.904201508	1.181673973
2018-05-06T10:18:31+02:00	13.11498833	4.097372055	17.27729988	0.933408737	1.054668308
2018-05-06T10:28:31+02:00	13.12208176	4.124791145	16.93636131	0.922531128	1.526794233
2018-05-06T10:38:31+02:00	13.12833977	4.027486801	16.82341003	0.906437874	1.492347379
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2018-05-06T10:58:31+02:00	13.14291382	4.078298569	16.80374146	0.899582863	1.116897873
2018-05-06T11:08:31+02:00	13.1487999	3.990680695	16.67767715	0.878870964	1.816994255
2018-05-06T11:18:31+02:00	13.1567564	4.040748596	16.5651741	0.897497177	2.009413898
2018-05-06T11:28:31+02:00	13.16356659	4.08411026	16.53060341	0.848620415	1.485595814

2018-05-06T11:38:31+02:00	13.1742363	4.003643036	16.47934341	0.883936882	1.525680312
2018-05-06T11:48:31+02:00	13.18386173	4.021822929	16.41869545	0.863820076	1.501363982
2018-05-06T11:58:31+02:00	13.19634914	4.036128044	16.37265015	0.864565849	1.502002267
2018-05-06T12:08:31+02:00	13.20384407	3.971755981	16.27057838	0.86203289	1.622435189
2018-05-06T12:18:31+02:00	13.21530342	3.817975044	16.47383118	0.876039505	1.91427418
2018-05-06T12:28:31+02:00	13.2261219	3.906488419	16.4103508	0.884831429	1.439007388
2018-05-06T12:38:31+02:00	13.23845959	3.831833839	16.34046364	0.876933098	1.394550569
2018-05-06T12:48:31+02:00	13.24719238	3.836453438	16.45207405	0.886321068	1.461549381
2018-05-06T12:58:31+02:00	13.25972366	3.861783981	16.38457108	0.879764557	1.329192481
2018-05-06T13:08:31+02:00	13.27596569	3.882944107	16.31230164	0.88974762	1.265872034
2018-05-06T13:18:31+02:00	13.28755951	3.922134399	16.23347473	0.883490562	1.284746059
2018-05-06T13:28:31+02:00	13.30022526	3.934204102	16.06926346	0.917017937	1.721763881
2018-05-06T13:38:31+02:00	13.30438232	3.890396118	16.01099777	0.887364388	1.813070629
2018-05-06T13:48:31+02:00	13.30591774	3.903209686	16.00489044	0.89004612	1.546536203
2018-05-06T13:58:31+02:00	13.31853867	3.931969643	16.07909775	0.952184677	1.636572144
2018-05-06T14:08:31+02:00	13.31657219	3.899038315	16.01740646	0.949502945	1.245078422
2018-05-06T14:18:31+02:00	13.31391907	3.883243561	15.95363045	0.938624382	1.264090491
2018-05-06T14:28:31+02:00	13.31067085	3.863274574	15.92978859	0.915377617	1.366096755
2018-05-06T14:38:31+02:00	13.30299664	3.874599457	15.87420654	0.925064087	1.349070699
2018-05-06T14:48:31+02:00	13.29845238	3.853886604	15.81132507	0.913440704	1.476526816
2018-05-06T14:58:31+02:00	13.29547119	3.869384766	15.77362442	0.926405907	1.244623896
2018-05-06T15:08:31+02:00	13.30013561	3.91155529	15.50599861	0.91686821	2.11990235
2018-05-06T15:18:31+02:00	13.29289341	3.815144539	15.62997627	0.91656971	1.927438504
2018-05-06T15:28:31+02:00	13.28891563	3.820358276	15.69494629	0.942498207	1.473717397
2018-05-06T15:38:31+02:00	13.28735065	3.811120033	15.66275978	0.884086609	1.261309389
2018-05-06T15:48:31+02:00	13.28374481	3.799943924	15.66633511	0.86247921	1.165921267
2018-05-06T15:58:31+02:00	13.28431034	3.785043716	15.65128517	0.859052658	1.02466061
2018-05-06T16:08:31+02:00	13.28735065	3.853441238	15.51464081	0.877082825	1.08051036
2018-05-06T16:18:31+02:00	13.28307343	3.81231308	15.42955685	0.849962234	1.554700854
2018-05-06T16:28:31+02:00	13.27857399	3.810525894	15.26787949	0.885576248	1.340623389
2018-05-06T16:38:31+02:00	13.27411842	3.792644501	15.22734642	0.867247581	1.230923399
2018-05-06T16:48:31+02:00	13.27705383	3.771038055	15.18607044	0.877977371	1.387554182
2018-05-06T16:58:31+02:00	13.27447605	3.778636932	15.11976147	0.889450073	1.334452625
2018-05-06T17:08:31+02:00	13.27247906	3.799797058	15.02901268	0.874996185	1.575255394
2018-05-06T17:18:31+02:00	13.27340317	3.759116173	15.01083374	0.868886948	1.280072454
2018-05-06T17:28:31+02:00	13.27517605	3.762842178	14.9972744	0.874548912	1.576918428
2018-05-06T17:38:31+02:00	13.27565289	3.762245178	14.94526768	0.86203289	1.328063539
2018-05-06T17:48:31+02:00	13.27431202	3.727376938	14.92351341	0.857412338	1.32673521
2018-05-06T17:58:31+02:00	13.27404404	3.745258331	14.87284946	0.859498978	1.646833519
2018-05-06T18:08:31+02:00	13.27545929	3.730505943	14.83842659	0.844597816	1.498352075
2018-05-06T18:18:31+02:00	13.27489281	3.732890129	14.7998333	0.852197647	1.35376817
2018-05-06T18:28:31+02:00	13.27353668	3.711580276	14.73829174	0.879317284	1.356299312
2018-05-06T18:38:31+02:00	13.26902199	3.677309036	14.9995079	0.874101639	1.893035527
2018-05-06T18:48:31+02:00	13.26550579	3.720968246	15.19292641	0.868439674	1.374583664
2018-05-06T18:58:31+02:00	13.26483536	3.736019135	15.0173912	0.891983986	1.387280873
2018-05-06T19:08:31+02:00	13.26422405	3.679693222	14.89743614	0.902861595	1.455876458
2018-05-06T19:18:31+02:00	13.26234627	3.671496391	14.80355835	0.891387939	1.21978761
2018-05-06T19:28:31+02:00	13.26066208	3.672986984	14.87240219	0.915676117	1.322040412
2018-05-06T19:38:31+02:00	13.25783157	3.654508591	15.01247215	0.893324852	1.10478934
2018-05-06T19:48:31+02:00	13.25359917	3.67581749	14.93737221	0.891536713	1.123514628

2018-05-06T19:58:31+02:00	13.2499485	3.643183708	14.84423923	0.894814491	1.309448321
2018-05-06T20:08:31+02:00	13.24476337	3.638565063	14.49882984	0.886172295	1.410568852
2018-05-06T20:18:31+02:00	13.24132061	3.658532143	14.69329071	0.880062103	1.312814074
2018-05-06T20:28:31+02:00	13.23749161	3.603547096	14.66393471	0.897794724	1.195942711
2018-05-06T20:38:31+02:00	13.23482418	3.605783463	14.63055611	0.895261765	1.450058854
2018-05-06T20:48:31+02:00	13.23205185	3.622620583	14.61744308	0.860691071	1.396627722
2018-05-06T20:58:31+02:00	13.22756672	3.577619553	14.5529213	0.887810707	1.903535003
2018-05-06T21:08:31+02:00	13.22497463	3.60354805	14.53653049	0.875443459	1.350745394
2018-05-06T21:18:31+02:00	13.2209959	3.606826782	14.51164436	0.873059273	1.457536863
2018-05-06T21:28:31+02:00	13.21873093	3.557056427	14.44354725	0.885725021	1.429818257
2018-05-06T21:38:31+02:00	13.21381378	3.574043274	14.41538334	0.874101639	1.540855686
2018-05-06T21:48:31+02:00	13.20937252	3.553032875	14.40450573	0.883638382	1.347140642
2018-05-06T21:58:31+02:00	13.20757008	3.528594971	14.34296322	0.889152527	1.684013666
2018-05-06T22:08:31+02:00	13.20627308	3.53932476	14.33387375	0.912248611	1.564730833
2018-05-06T22:18:31+02:00	13.20323372	3.536046982	14.29334259	0.887514114	1.372343154
2018-05-06T22:28:31+02:00	13.20046234	3.52933979	14.22703171	0.856518745	1.579257037
2018-05-06T22:38:31+02:00	13.19873333	3.544092178	14.15669823	0.876486778	1.50362651
2018-05-06T22:48:31+02:00	13.19487381	3.510267258	14.16415024	0.889450073	1.384876183
2018-05-06T22:58:31+02:00	13.1927433	3.461092949	14.16027546	0.869482994	1.478770705
2018-05-06T23:08:31+02:00	13.18891335	3.438144684	14.09336948	0.867248535	1.460947463
2018-05-06T23:18:31+02:00	13.18606758	3.51160717	14.09471035	0.86039257	1.491617622
2018-05-06T23:28:31+02:00	13.18347454	3.518313408	13.99904442	0.852793694	1.426955892
2018-05-06T23:38:31+02:00	13.1806879	3.461540222	14.02586651	0.855922699	1.559122162
2018-05-06T23:48:31+02:00	13.1785574	3.492832184	13.96551704	0.855922699	1.531249641
2018-05-06T23:58:31+02:00	13.17657566	3.453940392	13.95046711	0.860840797	1.448982704
2018-05-07T00:08:31+02:00	13.17541313	3.40312767	13.86061287	0.860839844	1.469977307
2018-05-07T00:18:31+02:00	13.17319298	3.447382927	13.84213448	0.858455658	1.773678736
2018-05-07T00:28:31+02:00	13.17030144	3.42339325	13.82455254	0.844449043	1.645333129
2018-05-07T00:38:31+02:00	13.16888618	3.408342361	13.7464695	0.85234642	1.596437272
2018-05-07T00:48:31+02:00	13.16685963	3.417879105	13.73797703	0.849068642	1.965329578
2018-05-07T00:58:31+02:00	13.16532516	3.42100811	13.692976	0.832528114	1.648443056
2018-05-07T01:08:31+02:00	13.16259766	3.427118301	13.67345428	0.853985786	1.80610352
2018-05-07T01:18:31+02:00	13.16098881	3.42234993	13.63009167	0.836700439	1.638949815
2018-05-07T01:28:31+02:00	13.15791893	3.40148735	13.61876774	0.861585617	1.760174733
2018-05-07T01:38:31+02:00	13.15484905	3.38435173	13.58047104	0.839978218	1.695728194
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2018-05-07T01:58:31+02:00	13.15014076	3.473013878	14.01498985	0.812411308	2.061705964
2018-05-07T02:08:31+02:00	13.14702606	3.466903687	13.98727322	0.814945221	1.405502496
2018-05-07T02:18:31+02:00	13.14443398	3.490596771	13.92781734	0.78231144	1.230087611
2018-05-07T02:28:31+02:00	13.14403152	3.589094162	13.92558289	0.787228584	1.127285882
2018-05-07T02:38:31+02:00	13.1436739	3.393589973	13.84899139	0.786036491	1.039155618
2018-05-07T02:48:31+02:00	13.14349461	3.467797279	13.86269951	0.810175896	1.158645418
2018-05-07T02:58:31+02:00	13.14175129	3.428010941	13.80771351	0.81688118	1.125328043
2018-05-07T03:08:31+02:00	13.13933754	3.398507118	13.80696964	0.773518562	1.090764461
2018-05-07T03:18:31+02:00	13.13903904	3.408043861	13.76152039	0.80913353	1.187264725
2018-05-07T03:28:31+02:00	13.13821983	3.438145638	13.73067474	0.781118393	1.120540993
2018-05-07T03:38:31+02:00	13.13684845	3.448127747	13.67866993	0.804365158	1.152730842
2018-05-07T03:48:31+02:00	13.13664055	3.470033646	13.60744095	0.794231415	1.417749914
2018-05-07T03:58:31+02:00	13.1359396	3.410429001	13.55677891	0.777542114	1.090745908
2018-05-07T04:08:31+02:00	13.13514996	3.370047569	13.55454254	0.796914101	1.199664946

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2018-05-07T04:28:31+02:00	13.13391304	3.341733932	13.47422695	0.800937653	1.312668746
2018-05-07T04:38:31+02:00	13.13370514	3.435760498	13.42490387	0.803172112	1.155506682
2018-05-07T04:48:31+02:00	13.13319778	3.3764534	13.42281723	0.791698456	1.30009737
2018-05-07T04:58:31+02:00	13.13254261	3.357679367	13.3694706	0.800937653	1.440083363
2018-05-07T05:08:31+02:00	13.13109684	3.367513657	13.31120682	0.787079811	1.249348916
2018-05-07T05:18:31+02:00	13.13069439	3.319234848	13.28036118	0.770390511	1.448891197
2018-05-07T05:28:31+02:00	13.13041115	3.340244293	13.26948357	0.764131546	1.335672093
2018-05-07T05:38:31+02:00	13.13054562	3.34679985	13.1924448	0.764430046	1.446684335
2018-05-07T05:48:31+02:00	13.12953186	3.399848938	13.06146336	0.803769112	1.607661853
2018-05-07T05:58:31+02:00	13.12969589	3.31193161	13.02331638	0.760555267	1.420520847
2018-05-07T06:08:31+02:00	13.12847424	3.343522072	12.98561764	0.773072243	1.459743646
2018-05-07T06:18:31+02:00	13.12762451	3.303438187	12.94851303	0.751167297	1.445955112
2018-05-07T06:28:31+02:00	13.12789345	3.293602943	12.90917397	0.815690041	1.702025791
2018-05-07T06:38:31+02:00	13.12623882	3.307312012	12.88935661	0.765472412	1.51918041
2018-05-07T06:48:31+02:00	13.12576199	3.304481506	12.87296391	0.778139114	1.652065003
2018-05-07T06:58:31+02:00	13.12431717	3.297924042	12.81559563	0.788718224	1.456934517
2018-05-07T07:08:31+02:00	13.12346745	3.313124657	12.79994774	0.752210617	1.673545812
2018-05-07T07:18:31+02:00	13.12392998	3.257990837	12.74228096	0.764578819	1.574378283
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2018-05-07T07:48:31+02:00	13.12403393	3.23846817	12.63305569	0.784545898	1.581212569
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2018-05-07T08:38:31+02:00	13.12723732	3.27557373	12.45126057	0.779032707	1.771901702
2018-05-07T08:48:31+02:00	13.12847424	3.229827881	12.39761639	0.751912117	1.74513367
2018-05-07T08:58:31+02:00	13.12914467	3.184081078	12.35887337	0.771284103	1.573300037
2018-05-07T09:08:31+02:00	13.1308136	3.191828728	12.34769821	0.760704994	1.858371622
2018-05-07T09:18:31+02:00	13.1311121	3.197641373	12.34203529	0.761598587	1.636261246
2018-05-07T09:28:31+02:00	13.13333225	3.161280632	12.26872253	0.740289688	1.648644426
2018-05-07T09:38:31+02:00	13.13526917	3.188997269	12.22789288	0.783652306	1.774466875
2018-05-07T09:48:31+02:00	13.13792133	3.200321198	12.19004345	0.747740746	1.955703584
2018-05-07T09:58:31+02:00	13.14131927	3.170967102	12.13401604	0.72479248	1.680207334
2018-05-07T10:08:31+02:00	13.14647484	3.133118629	12.12030697	0.741034508	1.696552502
2018-05-07T10:18:31+02:00	13.15550518	3.16664505	12.07858372	0.762194633	1.681561828
2018-05-07T10:28:31+02:00	13.16459465	3.168134689	12.05503941	0.731349945	2.026252122
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2018-05-07T10:48:31+02:00	13.17156887	3.150104523	12.01033592	0.757723808	1.62905526
2018-05-07T10:58:31+02:00	13.17751408	3.13848114	11.95132732	0.733584404	1.79288639
2018-05-07T11:08:31+02:00	13.18111992	3.108829498	11.90692139	0.760852814	1.627720052
2018-05-07T11:18:31+02:00	13.18526268	3.107337952	11.87816334	0.745505333	1.936767246
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2018-05-07T11:48:31+02:00	13.20931339	3.106594086	11.75418472	0.738947868	1.837130058
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2018-05-07T12:08:31+02:00	13.22822285	3.091841698	11.85178852	0.801086426	1.853124779
2018-05-07T12:18:31+02:00	13.23899651	3.103614807	11.86639118	0.812709808	1.86490297
2018-05-07T12:28:31+02:00	13.24872684	3.098397255	11.81274605	0.778139114	1.749347255

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2018-05-07T12:58:31+02:00	13.28518963	3.126113892	11.60845184	0.799448013	1.966027507
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2018-05-07T13:58:31+02:00	13.32877541	2.990961075	11.38716984	0.757575035	2.370828036
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2018-05-07T14:38:31+02:00	13.34023476	3.001242638	11.20105362	0.755935669	2.007942953
2018-05-07T14:48:31+02:00	13.33655453	2.965927124	11.21953201	0.794977188	2.22144901
2018-05-07T14:58:31+02:00	13.34056282	2.985746384	11.14368343	0.762343407	2.114951362
2018-05-07T15:08:31+02:00	13.33044434	2.981274605	11.15173054	0.762343407	2.092831853
2018-05-07T15:18:31+02:00	13.32719612	2.963096619	11.07871628	0.771284103	2.094911465
2018-05-07T15:28:31+02:00	13.32558727	2.941935539	11.09883213	0.742077827	2.01191353
2018-05-07T15:38:31+02:00	13.31917953	2.958625793	11.04593372	0.766664505	2.231233585
2018-05-07T15:48:31+02:00	13.3170042	2.934337616	11.00748825	0.755042076	2.130448887
2018-05-07T15:58:31+02:00	13.30527687	2.932548523	10.98096275	0.746697426	2.116018995
2018-05-07T16:08:31+02:00	13.30098534	2.918243408	10.91182137	0.729709625	2.096696252
2018-05-07T16:18:31+02:00	13.29906273	2.921224594	10.96427536	0.733286858	2.073698992
2018-05-07T16:28:31+02:00	13.29764748	2.924949646	10.95667458	0.741333008	2.082731739
2018-05-07T16:38:31+02:00	13.29290867	2.905726433	10.9271698	0.758022308	1.976977404
2018-05-07T16:48:31+02:00	13.28833389	2.874285698	10.8477478	0.752806664	1.950211329
2018-05-07T16:58:31+02:00	13.28746986	2.88710022	10.83359051	0.732093811	2.195378728
2018-05-07T17:08:31+02:00	13.28740978	2.896636963	10.80200005	0.730008125	2.054294116
2018-05-07T17:18:31+02:00	13.28946686	2.842396736	10.80378914	0.759363174	2.026859266
2018-05-07T17:28:31+02:00	13.29100132	2.879201889	10.78113937	0.747442245	2.096640668
2018-05-07T17:38:31+02:00	13.28878117	2.924501419	10.74790859	0.756532669	2.093016025
2018-05-07T17:48:31+02:00	13.28980923	2.870858192	10.73807526	0.768751144	2.098683631
2018-05-07T17:58:31+02:00	13.29128456	2.885313034	10.69501114	0.742673874	2.056886917
2018-05-07T18:08:31+02:00	13.29199982	2.898426056	10.65120029	0.737905502	2.07930973
2018-05-07T18:18:31+02:00	13.29410076	2.859086037	10.61245823	0.730604172	2.063434956
2018-05-07T18:28:31+02:00	13.29039001	2.850891113	10.61126709	0.735967636	2.001344731
2018-05-07T18:38:31+02:00	13.28948116	2.836436272	10.54525471	0.733435631	2.211388637
2018-05-07T18:48:31+02:00	13.28933239	2.85819149	10.55985737	0.750124931	2.51382643
2018-05-07T18:58:31+02:00	13.28855705	2.85044384	10.53944206	0.732689857	2.285301645
2018-05-07T19:08:31+02:00	13.28693295	2.835094452	10.47283459	0.75340271	1.964043318
2018-05-07T19:18:31+02:00	13.28365517	2.861768723	10.45584774	0.738800049	2.043480743
2018-05-07T19:28:31+02:00	13.28045082	2.842247009	10.46582985	0.745505333	2.251009787
2018-05-07T19:38:31+02:00	13.27671146	2.886205673	10.44139194	0.736713409	2.112025099
2018-05-07T19:48:31+02:00	13.27474403	2.82153511	10.41382599	0.748634338	2.068879725
2018-05-07T19:58:31+02:00	13.27161503	2.834648132	10.36718464	0.71585083	2.297509404
2018-05-07T20:08:31+02:00	13.26735306	2.776234627	10.37970257	0.763386726	2.271122598
2018-05-07T20:18:31+02:00	13.26218224	2.85059166	10.35883904	0.72628212	2.131001177
2018-05-07T20:28:31+02:00	13.26498413	2.793073654	10.32590961	0.732243538	2.233611368
2018-05-07T20:38:31+02:00	13.26173592	2.841949463	10.43632698	0.813304901	1.976518326
2018-05-07T20:48:31+02:00	13.25105095	2.828835487	10.40846157	0.845492363	3.28636864

2018-05-07T20:58:31+02:00	13.24260235	2.846122742	10.68472862	0.787973404	1.306501006
2018-05-07T21:08:31+02:00	13.23996449	2.846568108	10.67981148	0.836253166	1.645625806
2018-05-07T21:18:31+02:00	13.23004055	2.823472977	10.67161465	0.859945297	1.370959256
2018-05-07T21:28:31+02:00	13.21871567	2.839564323	10.66386795	0.815838814	1.435251192
2018-05-07T21:38:31+02:00	13.22039986	2.855360031	10.60500813	0.838339806	1.405575276
2018-05-07T21:48:31+02:00	13.22323036	2.800672531	10.56075096	0.830292702	1.320311116
2018-05-07T21:58:31+02:00	13.22105503	2.8310709	10.56983948	0.832528114	1.415271208
2018-05-07T22:08:31+02:00	13.21789646	2.848356247	10.53661156	0.853837013	1.580737716
2018-05-07T22:18:31+02:00	13.21610832	2.828538895	10.51828289	0.832080841	1.236501699
2018-05-07T22:28:31+02:00	13.21771717	2.778022766	10.48549938	0.825971603	1.353986785
2018-05-07T22:38:31+02:00	13.21223354	2.76863575	10.45629406	0.814944267	1.293294015
2018-05-07T22:48:31+02:00	13.20837402	2.780109406	10.40354347	0.814795494	1.193528141
2018-05-07T22:58:31+02:00	13.20546913	2.826601028	10.39564705	0.822841644	1.389194061
2018-05-07T23:08:31+02:00	13.20181751	2.809911728	10.38312817	0.815242767	1.261818503
2018-05-07T23:18:31+02:00	13.19913578	2.796649933	10.34498215	0.830590248	1.313432657
2018-05-07T23:28:31+02:00	13.19834614	2.777576447	10.32561111	0.814199448	1.343353891
2018-05-07T23:38:31+02:00	13.19800282	2.769083023	10.32292938	0.820309639	1.126179773
2018-05-07T23:48:31+02:00	13.19429302	2.7219944	10.2473793	0.814497948	1.47271323
2018-05-07T23:58:31+02:00	13.1932497	2.762525558	10.27554226	0.780820847	1.421395831
2018-05-08T00:08:31+02:00	13.19101429	2.73197937	10.24380302	0.846684456	1.370740577
2018-05-08T00:18:31+02:00	13.18694687	2.719611168	10.20968056	0.801086426	1.379429146
2018-05-08T00:28:31+02:00	13.18511391	2.699047089	10.19552231	0.81643486	1.285764258
2018-05-08T00:38:31+02:00	13.18412971	2.849250793	10.16855335	0.813305855	1.361343746
2018-05-08T00:48:31+02:00	13.18283367	2.734512329	10.17034149	0.793486595	1.792996195
2018-05-08T00:58:31+02:00	13.18039036	2.762376785	10.12682915	0.832080841	1.277763031
2018-05-08T01:08:31+02:00	13.17796135	2.741962433	10.11863422	0.796765327	1.358684653
2018-05-08T01:18:31+02:00	13.17745399	2.734959602	10.1046257	0.80809021	1.501710692
2018-05-08T01:28:31+02:00	13.1770525	2.794116974	10.0684166	0.804961205	2.272081203
2018-05-08T01:38:31+02:00	13.17515945	2.70545578	10.18866825	0.815986633	1.395716714
2018-05-08T01:48:31+02:00	13.17434025	2.720504761	10.17033958	0.782907486	1.244187518
2018-05-08T01:58:31+02:00	13.17153835	2.707094193	10.15543938	0.796765327	1.351802066
2018-05-08T02:08:31+02:00	13.16948223	2.714842796	10.13547134	0.791400909	1.478315288
2018-05-08T02:18:31+02:00	13.1683197	2.702177048	10.11341858	0.78096962	1.493332705
2018-05-08T02:28:31+02:00	13.16712761	2.679229736	10.05962372	0.790506363	1.332759299
2018-05-08T02:38:31+02:00	13.165802	2.702773094	10.06588268	0.777394295	1.527013467
2018-05-08T02:48:31+02:00	13.16389465	2.651064873	10.06394577	0.765622139	1.817031338
2018-05-08T02:58:31+02:00	13.16259766	2.653300285	10.03429413	0.787824631	1.476673012
2018-05-08T03:08:31+02:00	13.16080952	2.646296501	10.01357937	0.767260551	1.391781301
2018-05-08T03:18:31+02:00	13.16007996	2.6512146	10.00329971	0.790953636	1.376806073
2018-05-08T03:28:31+02:00	13.15820217	2.659858704	9.962171555	0.803917885	1.39968924
2018-05-08T03:38:31+02:00	13.15663719	2.689212799	9.973793983	0.77158165	1.39373055
2018-05-08T03:48:31+02:00	13.15546036	2.65881443	9.939669609	0.782906532	1.419536214
2018-05-08T03:58:31+02:00	13.15340424	2.5965271	9.921193123	0.787079811	1.563141536
2018-05-08T04:08:31+02:00	13.15215206	2.62290287	9.909122467	0.797808647	1.414687943
2018-05-08T04:18:31+02:00	13.15069199	2.695173264	9.875148773	0.778436661	1.418260413
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2018-05-08T04:38:31+02:00	13.14802456	2.709180832	9.822696686	0.760852814	1.445991527
2018-05-08T04:48:31+02:00	13.146698	2.639592171	9.80109024	0.769645691	1.48610594
2018-05-08T04:58:31+02:00	13.14686203	2.667010307	9.740442276	0.748038292	1.555011374
2018-05-08T05:08:31+02:00	13.14643002	2.595186234	9.705425262	0.800639153	1.581724385

2018-05-08T05:18:31+02:00	13.14604282	2.594291687	9.703337669	0.77113533	1.82887716
2018-05-08T05:28:31+02:00	13.14555073	2.616941452	9.74640274	0.768304825	1.717735198
2018-05-08T05:38:31+02:00	13.14494038	2.60442543	9.685605049	0.759512901	1.7324039
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2018-05-08T05:58:31+02:00	13.14459705	2.615750313	9.640306473	0.761896133	1.904783155
2018-05-08T06:08:31+02:00	13.14602757	2.651215553	9.602009773	0.761002541	1.648955381
2018-05-08T06:18:31+02:00	13.14462757	2.627372742	9.599626541	0.770688057	1.593001246
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2018-05-08T06:58:31+02:00	13.14364338	2.597720146	9.520053864	0.741929054	1.718009426
2018-05-08T07:08:31+02:00	13.14473152	2.600401878	9.517818451	0.726878166	1.701403411
2018-05-08T07:18:31+02:00	13.14522362	2.599954605	9.474604607	0.727773666	1.708763125
2018-05-08T07:28:31+02:00	13.14486599	2.572090149	9.480267525	0.746548653	1.643741928
2018-05-08T07:38:31+02:00	13.14489555	2.581625938	9.460299492	0.763237953	1.633938449
2018-05-08T07:48:31+02:00	13.14528275	2.588629723	9.433479309	0.745505333	1.598557561
2018-05-08T07:58:31+02:00	13.14577484	2.55107975	9.394435883	0.764728546	1.914090411
2018-05-08T08:08:31+02:00	13.14610291	2.573132515	9.40263176	0.749677658	1.713212224
2018-05-08T08:18:31+02:00	13.14710045	2.572982788	9.372234344	0.748634338	1.715885474
2018-05-08T08:28:31+02:00	13.1473093	2.540200233	9.341091156	0.735819817	1.694428723
2018-05-08T08:38:31+02:00	13.14771175	2.577602386	9.351223946	0.753998756	1.722972436
2018-05-08T08:48:31+02:00	13.1493063	2.629905701	9.319334984	0.731348038	1.800237084
2018-05-08T08:58:31+02:00	13.15046883	2.512485504	9.265095711	0.736564636	1.770838692
2018-05-08T09:08:31+02:00	13.15271854	2.538413048	9.231864929	0.714510918	2.259268534
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2018-05-08T09:28:31+02:00	13.15441704	2.551823616	9.211301804	0.729262352	1.961452989
2018-05-08T09:38:31+02:00	13.15535641	2.5424366	9.178369522	0.720322609	1.848814204
2018-05-08T09:48:31+02:00	13.15546036	2.52530098	9.191781044	0.706612587	1.945619379
2018-05-08T09:58:31+02:00	13.15687561	2.589224815	9.13113308	0.703484535	1.843292854
2018-05-08T10:08:31+02:00	13.15853024	2.526343346	9.09581852	0.751465797	1.839056083
2018-05-08T10:18:31+02:00	13.16040802	2.491026878	9.091943741	0.732392311	2.024230223
2018-05-08T10:28:31+02:00	13.16164398	2.544521332	9.066164017	0.745802879	1.980340136
2018-05-08T10:38:31+02:00	13.16323853	2.501308441	9.074956894	0.74431324	1.875142138
2018-05-08T10:48:31+02:00	13.16417789	2.490729332	8.998214722	0.708848	2.043609728
2018-05-08T10:58:31+02:00	13.16469955	2.580881119	9.035915375	0.711083412	2.026969399
2018-05-08T11:08:31+02:00	13.1651907	2.51397419	8.979737282	0.735818863	2.243121244
2018-05-08T11:18:31+02:00	13.16535473	2.461671829	8.957386017	0.703186035	2.098517818
2018-05-08T11:28:31+02:00	13.16530991	2.525448799	8.979589462	0.694394112	2.698593849
2018-05-08T11:38:31+02:00	13.1655035	2.513080597	8.929073334	0.702887535	2.149871615
2018-05-08T11:48:31+02:00	13.1654892	2.497583389	8.925200462	0.70840168	2.1822267
2018-05-08T11:58:31+02:00	13.1668148	2.496092796	8.932053566	0.713616371	2.094451261
2018-05-08T12:08:31+02:00	13.16805172	2.480746269	8.890629768	0.711083412	2.043370587
2018-05-08T12:18:31+02:00	13.16909504	2.49534893	8.885861397	0.710337639	2.290483572
2018-05-08T12:28:31+02:00	13.16891575	2.432466507	8.862317085	0.711381912	2.099069901
2018-05-08T12:38:31+02:00	13.16860294	2.440662384	8.868276596	0.69901371	2.244558948
2018-05-08T12:48:31+02:00	13.16894627	2.463012695	8.860081673	0.68828392	2.041862789
2018-05-08T12:58:31+02:00	13.16997433	2.47031498	8.814632416	0.717788696	2.208661475
2018-05-08T13:08:31+02:00	13.17219448	2.455114365	8.785276413	0.686049461	2.149300823
2018-05-08T13:18:31+02:00	13.17288017	2.503394127	8.976161003	0.713467598	1.708799684
2018-05-08T13:28:31+02:00	13.17551708	2.48596096	8.95753479	0.700950623	2.01976302

2018-05-08T13:38:31+02:00	13.18459225	2.456009865	8.952915192	0.690221786	1.705504285
2018-05-08T13:48:31+02:00	13.19001579	2.472400665	8.902251244	0.710636139	1.920865232
2018-05-08T13:58:31+02:00	13.19260883	2.48536396	8.847862244	0.661761284	9.677921117
2018-05-08T14:08:31+02:00	13.19599152	2.396105766	8.937864304	0.796169281	1.670691002
2018-05-08T14:18:31+02:00	13.19947815	2.431125641	8.905679703	0.777394295	1.836304634
2018-05-08T14:28:31+02:00	13.20642281	2.393424988	8.903443336	0.790953636	1.422599363
2018-05-08T14:38:31+02:00	13.20728683	2.468378067	8.772462845	0.780225754	1.259436786
2018-05-08T14:48:31+02:00	13.20286083	2.465397835	8.739679337	0.801384926	1.710209567
2018-05-08T14:58:31+02:00	13.2071228	2.437381744	8.737296104	0.778436661	1.239154071
2018-05-08T15:08:31+02:00	13.20582581	2.484321594	8.70317173	0.685899734	1.40934783
2018-05-08T15:18:31+02:00	13.20880699	2.556293488	8.688569069	0.693053246	1.656913763
2018-05-08T15:28:31+02:00	13.22665787	2.607404709	9.051413536	0.710784912	1.190605244
2018-05-08T15:38:31+02:00	13.22934055	2.448260307	8.828491211	0.72658062	1.096018967
2018-05-08T15:48:31+02:00	13.23542023	2.446473122	8.79451561	0.710040092	1.128482532
2018-05-08T15:58:31+02:00	13.23580742	2.429634094	8.768140793	0.74356842	1.244551322
2018-05-08T16:08:31+02:00	13.24015808	2.427995682	8.682311058	0.737459183	1.572386466
2018-05-08T16:18:31+02:00	13.24026299	2.425760269	8.650870323	0.735967636	1.352256995
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2018-05-08T16:38:31+02:00	13.24407768	2.417713165	8.609592438	0.778436661	1.344992999
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2018-05-08T16:58:31+02:00	13.23834038	2.385825157	8.630155563	0.77292347	1.393439488
2018-05-08T17:08:31+02:00	13.24012852	2.372711182	8.609145164	0.797212601	1.274271847
2018-05-08T17:18:31+02:00	13.24552345	2.341270447	8.605271339	0.795870781	1.631524434
2018-05-08T17:28:31+02:00	13.24491215	2.382844925	8.548646927	0.763684273	1.45044123
2018-05-08T17:38:31+02:00	13.24237919	2.389251709	8.58530426	0.792294502	1.362435575
2018-05-08T17:48:31+02:00	13.24026299	2.448260307	8.412004471	0.814795494	1.587116005
2018-05-08T17:58:31+02:00	13.23752117	2.400426865	8.464902878	0.83565712	1.512333928
2018-05-08T18:08:31+02:00	13.23880291	2.464056969	8.409917831	0.805854797	1.57863577
2018-05-08T18:18:31+02:00	13.24324322	2.371966362	8.378178596	0.776201248	1.388792949
2018-05-08T18:28:31+02:00	13.24595547	2.397895813	8.396208763	0.776947021	2.007722737
2018-05-08T18:38:31+02:00	13.24513531	2.394616127	8.334070206	0.786483765	1.610550549
2018-05-08T18:48:31+02:00	13.24091816	2.347826958	8.329748154	0.77083683	1.839605916
2018-05-08T18:58:31+02:00	13.23364639	2.389550209	8.291304588	0.748485565	1.608319895
2018-05-08T19:08:31+02:00	13.22902775	2.364813805	8.281169891	0.733584404	1.512334396
2018-05-08T19:18:31+02:00	13.22920609	2.362728119	8.280277252	0.747591019	1.537513722
2018-05-08T19:28:31+02:00	13.22737312	2.391040802	8.24838829	0.755638123	1.641455401
2018-05-08T19:38:31+02:00	13.22454262	2.394765854	8.183419228	0.756085396	1.574469502
2018-05-08T19:48:31+02:00	13.22276878	2.442448616	8.206218719	0.796913147	1.849969897
2018-05-08T19:58:31+02:00	13.22455692	2.396255493	8.043348312	0.828504562	1.99592276
2018-05-08T20:08:31+02:00	13.22321606	2.394169807	8.428096771	0.793040276	0.867446417
2018-05-08T20:18:31+02:00	13.22053337	2.373754501	8.419603348	0.824183464	0.910353299
2018-05-08T20:28:31+02:00	13.21952057	2.346784592	8.376091957	0.832528114	1.007114319
2018-05-08T20:38:31+02:00	13.21563148	2.347826958	8.355080605	0.77918148	0.939506664
2018-05-08T20:48:31+02:00	13.21411133	2.341420174	8.335411072	0.793636322	0.968987672
2018-05-08T20:58:31+02:00	13.21104145	2.313256264	8.326023102	0.795125961	1.065767509
2018-05-08T21:08:31+02:00	13.20835972	2.348124504	8.300393105	0.769496918	1.063323097
2018-05-08T21:18:31+02:00	13.20579624	2.336651802	8.251220703	0.794231415	1.418989772
2018-05-08T21:28:31+02:00	13.20378494	2.403110504	8.230805397	0.773817062	1.451955351
2018-05-08T21:38:31+02:00	13.20283127	2.389103889	8.259713173	0.787078857	1.349052522
2018-05-08T21:48:31+02:00	13.20111752	2.352296829	8.156896591	0.779927254	2.256761242

2018-05-08T21:58:31+02:00	13.20187759	2.362430573	8.156746864	0.773966789	1.329811241
2018-05-08T22:08:31+02:00	13.1977644	2.32219696	8.089988708	0.750571251	1.65523003
2018-05-08T22:18:31+02:00	13.19140244	2.382843971	8.055121422	0.811367989	1.353622271
2018-05-08T22:28:31+02:00	13.19047832	2.326518059	8.016973495	0.854879379	1.541933398
2018-05-08T22:38:31+02:00	13.195261	2.386868477	7.93963623	0.803024292	1.419591278
2018-05-08T22:48:31+02:00	13.20086384	2.410263062	7.882416725	0.842362404	1.365532154
2018-05-08T22:58:31+02:00	13.21001339	2.394914627	7.835925102	0.86948204	1.391034082
2018-05-08T23:08:31+02:00	13.21154785	2.371967316	7.759630203	0.906884193	1.597808363
2018-05-08T23:18:31+02:00	13.220191	2.379268646	7.692724228	0.860393524	1.38861105
2018-05-08T23:28:31+02:00	13.21549702	2.293289185	7.719843864	0.828504562	1.239117787
2018-05-08T23:38:31+02:00	13.19967175	2.307445526	7.718950272	0.811517715	1.410295438
2018-05-08T23:48:31+02:00	13.18514347	2.365409851	7.752627373	0.810325623	1.328082176
2018-05-08T23:58:31+02:00	13.17481709	2.246499062	7.791817665	0.778436661	1.759038724
2018-05-09T00:08:31+02:00	13.16770935	2.282261848	7.751285553	0.798106194	1.258218977
2018-05-09T00:18:31+02:00	13.16347694	2.273469925	7.749795914	0.786334038	1.285363867
2018-05-09T00:28:31+02:00	13.16019917	2.265572548	7.790326118	0.774264336	1.120414756
2018-05-09T00:38:31+02:00	13.15762138	2.293288231	7.790327072	0.766814232	1.587554409
2018-05-09T00:48:31+02:00	13.15699482	2.277643204	7.77930069	0.784993172	1.232431757
2018-05-09T00:58:31+02:00	13.15556431	2.279281616	7.76961422	0.771432877	1.32899213
2018-05-09T01:08:31+02:00	13.15452194	2.297312737	7.757394791	0.806450844	1.201153821
2018-05-09T01:18:31+02:00	13.15414906	2.324432373	7.737874985	0.766813278	1.136117074
2018-05-09T01:28:31+02:00	13.15289688	2.406089783	7.716864586	0.765173912	1.263981124
2018-05-09T01:38:31+02:00	13.1521225	2.299398422	7.701367378	0.786632538	1.354969866
2018-05-09T01:48:31+02:00	13.14829254	2.30625248	7.709563255	0.766664505	1.396354371
2018-05-09T01:58:31+02:00	13.14614677	2.26750946	7.772892952	0.823736191	1.748156547
2018-05-09T02:08:31+02:00	13.14570045	2.234577179	7.736980438	0.824033737	1.319219153
2018-05-09T02:18:31+02:00	13.14444828	2.336353302	7.713884354	0.818520546	1.365622602
2018-05-09T02:28:31+02:00	13.14215374	2.293437958	7.647871017	0.81509304	1.403771196
2018-05-09T02:38:31+02:00	13.13941193	2.27838707	7.702112198	0.812858582	1.450970678
2018-05-09T02:48:31+02:00	13.13632774	2.269446373	7.685869217	0.814944267	1.301716606
2018-05-09T02:58:31+02:00	13.13549232	2.293289185	7.644594193	0.823438644	1.352821001
2018-05-09T03:08:31+02:00	13.13398743	2.279877663	7.708071709	0.812262535	1.519235562
2018-05-09T03:18:31+02:00	13.13221455	2.284198761	7.668733597	0.794529915	1.180149412
2018-05-09T03:28:31+02:00	13.13017273	2.227574348	7.65174675	0.810623169	1.212613016
2018-05-09T03:38:31+02:00	13.12989044	2.256483078	7.564276695	0.78961277	1.754293195
2018-05-09T03:48:31+02:00	13.1288023	2.299398422	7.544606209	0.807642937	1.65217506
2018-05-09T03:58:31+02:00	13.12808704	2.269744873	7.499307632	0.790060043	1.668714628
2018-05-09T04:08:31+02:00	13.12713337	2.264380455	7.483510971	0.7799263	1.715611254
2018-05-09T04:18:31+02:00	13.12665653	2.263635635	7.456541061	0.774264336	1.908693158
2018-05-09T04:28:31+02:00	13.12454033	2.254247665	7.45043087	0.777095795	1.55663742
2018-05-09T04:38:31+02:00	13.12449551	2.232789993	7.474870682	0.777244568	1.634139308
2018-05-09T04:48:31+02:00	13.12319946	2.183020592	7.441491127	0.756978989	1.762024654
2018-05-09T04:58:31+02:00	13.12261772	2.23264122	7.430912018	0.786483765	1.733961005
2018-05-09T05:08:31+02:00	13.122365	2.200304985	7.403642654	0.791400909	2.149705703
2018-05-09T05:18:31+02:00	13.12111282	2.196878433	7.384270668	0.781119347	1.65352854
2018-05-09T05:28:31+02:00	13.12015915	2.186447144	7.411689758	0.775456429	1.543065834
2018-05-09T05:38:31+02:00	13.11911678	2.254545212	7.388889313	0.766515732	1.560674882
2018-05-09T05:48:31+02:00	13.11838627	2.229808807	7.36847496	0.751465797	1.511220259
2018-05-09T05:58:31+02:00	13.11843109	2.419352531	7.353574753	0.755935669	1.771296544
2018-05-09T06:08:31+02:00	13.11714935	2.212970734	7.308571815	0.746101379	1.770032766

2018-05-09T06:18:31+02:00	13.11677742	2.191811562	7.258504868	0.796764374	1.8049485
2018-05-09T06:28:31+02:00	13.1156292	2.216845512	7.43374157	0.742525101	1.217571426
2018-05-09T06:38:31+02:00	13.11410999	2.22429657	7.158220291	0.766664505	1.12792041
2018-05-09T06:48:31+02:00	13.11293221	2.189428329	7.457285881	0.7255373	1.016176047
2018-05-09T06:58:31+02:00	13.1127243	2.172886848	7.436276436	0.738054276	1.042883642
2018-05-09T07:08:31+02:00	13.11226177	2.189576149	7.359683037	0.723302841	1.118528658
2018-05-09T07:18:31+02:00	13.11099529	2.242326736	7.274747849	0.731646538	1.466894049
2018-05-09T07:28:31+02:00	13.1111145	2.243220329	7.278175354	0.736862183	1.423710984
2018-05-09T07:38:31+02:00	13.10941601	2.212674141	7.220505714	0.742077827	1.466073056
2018-05-09T07:48:31+02:00	13.10902786	2.223700523	7.232278824	0.723153114	1.319073808
2018-05-09T07:58:31+02:00	13.10904312	2.201348305	7.220060349	0.751317024	1.425132506
2018-05-09T08:08:31+02:00	13.10819435	2.248734474	7.186532974	0.684559822	1.378135548
2018-05-09T08:18:31+02:00	13.107687	2.198517799	7.182956696	0.752807617	1.543504412
2018-05-09T08:28:31+02:00	13.10835743	2.167224884	7.191151619	0.725090981	1.919598023
2018-05-09T08:38:31+02:00	13.10917759	2.200752258	7.165521622	0.715851784	1.417403673
2018-05-09T08:48:31+02:00	13.10884953	2.225934982	7.155538559	0.710934639	1.476325972
2018-05-09T08:58:31+02:00	13.10971355	2.159326553	7.158220291	0.712275505	1.424732087
2018-05-09T09:08:31+02:00	13.10935593	2.171993256	7.147789001	0.752061844	1.508993444
2018-05-09T09:18:31+02:00	13.10949039	2.186745644	7.131099701	0.720471382	1.486434815
2018-05-09T09:28:31+02:00	13.1102953	2.16886425	7.113815308	0.686347961	1.488624399
2018-05-09T09:38:31+02:00	13.11066723	2.215058327	7.10651207	0.696331978	1.704845317
2018-05-09T09:48:31+02:00	13.11114407	2.283901215	7.101297379	0.710636139	1.511403454
2018-05-09T09:58:31+02:00	13.11215782	2.1602211	7.082076073	0.709145546	1.703802042
2018-05-09T10:08:31+02:00	13.11305141	2.169311523	7.084012985	0.711082458	1.599727469
2018-05-09T10:18:31+02:00	13.115242	2.177357674	7.153749466	0.730454445	1.498352075
2018-05-09T10:28:31+02:00	13.1162405	2.156496048	7.140785217	0.745951653	1.713688461
2018-05-09T10:38:31+02:00	13.11691093	2.112835884	7.158816338	0.73462677	1.732367328
2018-05-09T10:48:31+02:00	13.11814785	2.147704124	7.115751266	0.776648521	1.744162494
2018-05-09T10:58:31+02:00	13.11974239	2.249181747	7.11545372	0.753998756	1.871362064
2018-05-09T11:08:31+02:00	13.12063599	2.11522007	7.117390633	0.741481781	1.607405845
2018-05-09T11:18:31+02:00	13.12212658	2.192556381	7.117540359	0.717639923	1.639425078
2018-05-09T11:28:31+02:00	13.12421227	2.119243622	7.102190971	0.751464844	1.642607786
2018-05-09T11:38:31+02:00	13.12670135	2.145468712	7.104278564	0.763386726	1.649028905
2018-05-09T11:48:31+02:00	13.1285038	2.145469666	7.123351097	0.749230385	1.776702795
2018-05-09T11:58:31+02:00	13.13337708	2.126246452	7.059425354	0.731051445	1.75530109
2018-05-09T12:08:31+02:00	13.1370573	2.182573318	7.036031723	0.727474213	2.418310729
2018-05-09T12:18:31+02:00	13.13614845	2.192706108	7.033647537	0.738352776	1.698419062
2018-05-09T12:28:31+02:00	13.13756371	2.139210701	7.105023384	0.708550453	1.380831896
2018-05-09T12:38:31+02:00	13.13868141	2.149641037	7.048547745	0.717043877	2.377177128
2018-05-09T12:48:31+02:00	13.14127445	2.154111862	7.117390633	0.708996773	1.279835968
2018-05-09T12:58:31+02:00	13.14289856	2.108961105	7.095486641	0.710637093	1.313833249
2018-05-09T13:08:31+02:00	13.14446354	2.124011993	7.093549728	0.738054276	1.31688995
2018-05-09T13:18:31+02:00	13.14643002	2.098381996	7.118284225	0.770389557	1.413047365
2018-05-09T13:28:31+02:00	13.14784622	2.144723892	7.093847275	0.796020508	1.746727629
2018-05-09T13:38:31+02:00	13.14960384	2.116710663	7.090419769	0.800340652	1.397556936
2018-05-09T13:48:31+02:00	13.15116882	2.103001595	7.083565712	0.782907486	1.336072841
2018-05-09T13:58:31+02:00	13.15195847	2.07901001	7.092952728	0.802576065	1.416528747
2018-05-09T14:08:31+02:00	13.15391064	2.067089081	7.083415985	0.77918148	1.329265166
2018-05-09T14:18:31+02:00	13.15693569	2.153367043	7.058232307	0.74505806	1.354369015
2018-05-09T14:28:31+02:00	13.1577549	2.137273788	7.062257767	0.769495964	1.305791215

2018-05-09T14:38:31+02:00	13.1580534	2.083778381	7.058530807	0.768303871	1.368263826
2018-05-09T14:48:31+02:00	13.1595726	2.119392395	7.085055351	0.782310486	1.414159743
2018-05-09T14:58:31+02:00	13.1608696	2.080052376	7.061660767	0.760256767	1.352439248
2018-05-09T15:08:31+02:00	13.1668005	2.138317108	7.091611862	0.784545898	1.395643946
2018-05-09T15:18:31+02:00	13.16890144	2.093762398	7.06881237	0.789016724	1.429818257
2018-05-09T15:28:31+02:00	13.16717243	2.053976059	7.052719116	0.784844398	1.420848906
2018-05-09T15:38:31+02:00	13.16705322	2.090186119	7.07879734	0.772028923	1.497548893
2018-05-09T15:48:31+02:00	13.17152405	2.076029778	7.056145668	0.783354759	1.442727868
2018-05-09T15:58:31+02:00	13.17536831	2.114772797	7.071345329	0.771432877	1.482967702
2018-05-09T16:08:31+02:00	13.17912292	2.096891403	7.074773788	0.761002541	1.508117227
2018-05-09T16:18:31+02:00	13.1772604	2.043992043	7.082670212	0.775902748	1.702263872
2018-05-09T16:28:31+02:00	13.17618752	2.146214485	7.054806709	0.783800125	2.156168489
2018-05-09T16:38:31+02:00	13.17696285	2.05978775	7.028133392	0.750869751	1.593074241
2018-05-09T16:48:31+02:00	13.17770767	2.091676712	7.04228878	0.788122177	1.506784932
2018-05-09T16:58:31+02:00	13.17867661	2.107470512	7.043183327	0.769197464	1.556911471
2018-05-09T17:08:31+02:00	13.17918301	2.117305756	7.038713455	0.718235016	1.518450345
2018-05-09T17:18:31+02:00	13.17909336	2.127438545	7.039011002	0.759960175	1.520440515
2018-05-09T17:28:31+02:00	13.17852783	2.034902573	7.040650368	0.769197464	1.516222812
2018-05-09T17:38:31+02:00	13.17933178	2.048015594	7.039903641	0.761002541	1.528967439
2018-05-09T17:48:31+02:00	13.18030071	2.099871635	7.030515671	0.736117363	1.830435836
2018-05-09T17:58:31+02:00	13.1800766	2.082139969	7.053911209	0.76219368	1.95041352
2018-05-09T18:08:31+02:00	13.18052387	2.071857452	7.043629646	0.800043106	1.674552097
2018-05-09T18:18:31+02:00	13.18053913	2.080053329	7.040054321	0.74505806	1.629512664
2018-05-09T18:28:31+02:00	13.1803751	2.082586288	7.080583572	0.75384903	1.574360039
2018-05-09T18:38:31+02:00	13.17994308	2.087204933	7.048994064	0.764429092	1.610330569
2018-05-09T18:48:31+02:00	13.17946625	2.121180534	7.063299179	0.722855568	1.670544377
2018-05-09T18:58:31+02:00	13.17900467	2.136528015	6.987154961	0.723450661	1.360287367
2018-05-09T19:08:31+02:00	13.17924309	2.091229439	6.984324455	0.73418045	1.384256837
2018-05-09T19:18:31+02:00	13.17852783	2.118349075	6.976425171	0.749826431	1.535084969
2018-05-09T19:28:31+02:00	13.17831898	2.100616455	6.969272614	0.721364975	1.481271119
2018-05-09T19:38:31+02:00	13.17796135	2.089738846	6.969272614	0.723898888	1.470579312
2018-05-09T19:48:31+02:00	13.17824459	2.083628654	6.971508026	0.713467598	1.450459906
2018-05-09T19:58:31+02:00	13.1782589	2.096445084	6.964801788	0.728368759	1.790576778
2018-05-09T20:08:31+02:00	13.17875099	2.071707726	6.94468689	0.712722778	1.900946185
2018-05-09T20:18:31+02:00	13.1775589	2.10538578	6.956905365	0.709741592	1.539559182
2018-05-09T20:28:31+02:00	13.17735004	2.129077911	6.920843124	0.702738762	1.542627258
2018-05-09T20:38:31+02:00	13.17651558	2.133548737	6.950647354	0.730008125	2.137554464
2018-05-09T20:48:31+02:00	13.17533875	2.079307556	6.918013573	0.735819817	1.594993212
2018-05-09T20:58:31+02:00	13.17477226	2.079903603	6.92650795	0.705122948	1.480522806
2018-05-09T21:08:31+02:00	13.17347622	2.07692337	6.87182045	0.713318825	1.591210071
2018-05-09T21:18:31+02:00	13.17271614	2.106428146	6.882845879	0.712424278	1.490905627
2018-05-09T21:28:31+02:00	13.17173195	2.10478878	6.877482414	0.744908333	2.10050524
2018-05-09T21:38:31+02:00	13.17159843	2.042949677	6.873011589	0.704676628	1.661432647
2018-05-09T21:48:31+02:00	13.17079353	2.093762398	6.870031357	0.70840168	1.602579321
2018-05-09T21:58:31+02:00	13.16955662	2.084672928	6.82652092	0.689178467	1.79087052
2018-05-09T22:08:31+02:00	13.16948223	2.078861237	6.812512398	0.729113579	1.532783464
2018-05-09T22:18:31+02:00	13.16787338	2.065748215	6.766617775	0.69975853	1.905865906
2018-05-09T22:28:31+02:00	13.16736603	2.127140045	6.915629387	0.72479248	1.108976759
2018-05-09T22:38:31+02:00	13.16621876	2.080798149	6.914437294	0.735372543	1.101454974
2018-05-09T22:48:31+02:00	13.16575718	2.068281174	6.885974884	0.714510918	1.036947488

2018-05-09T22:58:31+02:00	13.16502666	2.10687542	6.876140594	0.71644783	1.116390178
2018-05-09T23:08:31+02:00	13.16426659	2.145468712	6.885678291	0.71719265	1.060480172
2018-05-09T23:18:31+02:00	13.16340256	2.04131031	6.886123657	0.706017494	1.223420379
2018-05-09T23:28:31+02:00	13.16219521	2.146512032	6.832778931	0.75310421	1.302061695
2018-05-09T23:38:31+02:00	13.16143608	2.141446114	6.8254776	0.749527931	1.218661371
2018-05-09T23:48:31+02:00	13.16063118	2.056658745	6.819665909	0.725090027	1.274562771
2018-05-09T23:58:31+02:00	13.16033268	2.076774597	6.763935089	0.709444046	1.319820103
2018-05-10T00:08:31+02:00	13.15896225	2.089440346	6.76080513	0.738203049	1.314906476
2018-05-10T00:18:31+02:00	13.15684605	2.089888573	6.755887985	0.742822647	1.207491425
2018-05-10T00:28:31+02:00	13.15464115	2.045780182	6.739795685	0.737010956	1.307356122
2018-05-10T00:38:31+02:00	13.15127277	2.125501633	6.725639343	0.734776497	1.400326939
2018-05-10T00:48:31+02:00	13.14929104	2.149045944	6.742925644	0.716299057	1.453779069
2018-05-10T00:58:31+02:00	13.14707088	2.044737816	6.704181671	0.723154068	1.327645143
2018-05-10T01:08:31+02:00	13.14334583	2.082586288	6.682574272	0.712126732	1.570175797
2018-05-10T01:18:31+02:00	13.14093208	2.029389381	6.648302078	0.720173836	1.422452829
2018-05-10T01:28:31+02:00	13.13778782	2.07826519	6.626695633	0.73537159	1.363073339
2018-05-10T01:38:31+02:00	13.13504601	2.099721909	6.616861343	0.742673874	1.368828452
2018-05-10T01:48:31+02:00	13.13218498	2.079754829	6.633847237	0.745803833	1.386916619
2018-05-10T01:58:31+02:00	13.1283102	2.056509972	6.729066849	0.74461174	0.968119848
2018-05-10T02:08:31+02:00	13.12611961	2.025813103	6.711631775	0.747740746	0.788266269
2018-05-10T02:18:31+02:00	13.1231842	2.125352859	6.658137321	0.784248352	1.034865937
2018-05-10T02:28:31+02:00	13.12258816	2.047866821	6.705373764	0.773072243	1.14030668
2018-05-10T02:38:31+02:00	13.12121773	1.962483406	6.699562073	0.787823677	1.036367905
2018-05-10T02:48:31+02:00	13.11940002	1.935511589	6.665437698	0.753551483	1.059683368
2018-05-10T02:58:31+02:00	13.11637497	2.033114433	6.666928291	0.761002541	1.143806644
2018-05-10T03:08:31+02:00	13.11440754	1.999438286	6.61745739	0.773519516	1.200700135
2018-05-10T03:18:31+02:00	13.11218739	1.996308327	6.624609947	0.793636322	1.078626738
2018-05-10T03:28:31+02:00	13.10932636	2.047568321	6.557254791	0.749081612	2.048464258
2018-05-10T03:38:31+02:00	13.10581017	1.994520187	6.508678436	0.758766174	1.162963702
2018-05-10T03:48:31+02:00	13.10294914	2.035796165	6.456672668	0.765473366	1.242588115
2018-05-10T03:58:31+02:00	13.09981918	2.044290543	6.529838562	0.757872581	0.933024593
2018-05-10T04:08:31+02:00	13.09666061	1.9423666	6.532967567	0.738501549	0.918763665
2018-05-10T04:18:31+02:00	13.09378433	1.966654778	6.471276283	0.764280319	1.07806519
2018-05-10T04:28:31+02:00	13.08958244	1.949668884	6.571113586	0.77947998	9.519818665
2018-05-10T04:38:31+02:00	13.08628941	1.970678329	6.510316849	0.76219368	1.005884158
2018-05-10T04:48:31+02:00	13.08354759	1.935213089	6.481706619	0.756233215	0.947128047
2018-05-10T04:58:31+02:00	13.08107376	1.96188736	6.50674057	0.784397125	0.75516406
2018-05-10T05:08:31+02:00	13.07654381	1.965165138	6.508081436	0.763237	0.79875504
2018-05-10T05:18:31+02:00	13.07354832	1.97932148	6.39855957	0.762939453	1.073808119
2018-05-10T05:28:31+02:00	13.07067299	2.011805534	6.425530434	0.701397896	0.956737501
2018-05-10T05:38:31+02:00	13.0671711	2.02253437	6.454139709	0.744908333	0.872854761
2018-05-10T05:48:31+02:00	13.06463814	2.028942108	6.444602966	0.773221016	1.194435858
2018-05-10T05:58:31+02:00	13.06454849	2.022385597	6.413161278	0.866950035	1.117223655
2018-05-10T06:08:31+02:00	13.06353474	1.975893974	6.399898529	0.764876366	0.95863412
2018-05-10T06:18:31+02:00	13.06225395	1.955032349	6.389915466	0.739544868	1.180930042
2018-05-10T06:28:31+02:00	13.06092739	1.951604843	6.36041069	0.751465797	1.112094008
2018-05-10T06:38:31+02:00	13.06036091	1.974850655	6.348044395	0.756830215	0.865337552
2018-05-10T06:48:31+02:00	13.05982494	1.980364799	6.351919174	0.728816032	1.118891578
2018-05-10T06:58:31+02:00	13.05930328	1.979619026	6.328821182	0.760704994	0.89555939
2018-05-10T07:08:31+02:00	13.05915451	1.990943909	6.302743912	0.740885735	1.051282751

2018-05-10T07:18:31+02:00	13.05869198	2.055168152	6.255060196	0.800191879	1.147724311
2018-05-10T07:28:31+02:00	13.05870724	2.008826256	6.243883133	0.72792244	1.168044204
2018-05-10T07:38:31+02:00	13.05879688	2.01418972	6.32584095	0.752210617	1.021006312
2018-05-10T07:48:31+02:00	13.05939293	1.985579491	6.310790062	0.777691841	1.044874731
2018-05-10T07:58:31+02:00	13.06088257	1.994669914	6.300956726	0.785141945	1.016230228
2018-05-10T08:08:31+02:00	13.06220913	2.036690712	6.28068924	0.776797295	1.111640654
2018-05-10T08:18:31+02:00	13.06377316	2.027898788	6.302743912	0.774264336	1.192511685
2018-05-10T08:28:31+02:00	13.06350517	1.982151985	6.320476532	0.722705841	1.128337243
2018-05-10T08:38:31+02:00	13.06329632	2.043843269	6.304084778	0.767856598	1.018708746
2018-05-10T08:48:31+02:00	13.06308842	2.005846024	6.26415062	0.754148483	1.118184769
2018-05-10T08:58:31+02:00	13.06734943	2.014785767	6.297080994	0.745206833	0.95453344
2018-05-10T09:08:31+02:00	13.0726099	2.011805534	6.295740128	0.733434677	0.85829005
2018-05-10T09:18:31+02:00	13.07214832	2.035797119	6.281435013	0.727921486	1.144332728
2018-05-10T09:28:31+02:00	13.07238674	2.006590843	6.260275841	0.729412079	1.040584983
2018-05-10T09:38:31+02:00	13.07377243	2.03430748	6.337613106	0.744164467	0.916218754
2018-05-10T09:48:31+02:00	13.07617092	2.057105064	6.342529297	0.768006325	0.782546679
2018-05-10T09:58:31+02:00	13.07979202	2.074986458	6.341188431	0.748634338	1.14531201
2018-05-10T10:08:31+02:00	13.08099937	2.043843269	6.347447395	0.759960175	1.029400981
2018-05-10T10:18:31+02:00	13.08922482	2.05919075	6.339101791	0.750571251	0.845856881
2018-05-10T10:28:31+02:00	13.09041691	2.048462868	6.347894669	0.773817062	0.880752379
2018-05-10T10:38:31+02:00	13.09224987	2.256185532	6.20797348	0.771582603	1.152187023
2018-05-10T10:48:31+02:00	13.09958076	2.089142799	6.268173218	0.787823677	1.314852441
2018-05-10T10:58:31+02:00	13.10122013	2.084523201	6.165206909	0.804066658	1.149810731
2018-05-10T11:08:31+02:00	13.10651016	2.111495018	6.32613945	0.776052475	0.936058188
2018-05-10T11:18:31+02:00	13.10510921	2.140402794	6.351172447	0.777244568	0.911688846
2018-05-10T11:28:31+02:00	13.1134243	2.158284187	6.294100761	0.772177696	0.801850702
2018-05-10T11:38:31+02:00	13.10922241	2.179593086	6.208569527	0.737160683	1.250566992
2018-05-10T11:48:31+02:00	13.10601807	2.126097679	6.162524223	0.776648521	1.13258051
2018-05-10T11:58:31+02:00	13.1139307	2.157538414	6.300657272	0.786632538	0.796164465
2018-05-10T12:08:31+02:00	13.11938477	2.138763428	6.270557404	0.784546852	1.088970415
2018-05-10T12:18:31+02:00	13.1309185	2.235472679	6.340890884	0.753849983	1.366860908
2018-05-10T12:28:31+02:00	13.12583733	2.162903786	6.229131699	0.768453598	1.2519298
2018-05-10T12:38:31+02:00	13.1298151	2.145469666	6.188303947	0.777691841	1.225200583
2018-05-10T12:48:31+02:00	13.13681889	2.140254021	6.255655289	0.79974556	0.934866541
2018-05-10T12:58:31+02:00	13.14263058	2.198964119	6.257295609	0.763237953	0.952113079
2018-05-10T13:08:31+02:00	13.15470028	2.202540398	6.257741928	0.749230385	1.090546463
2018-05-10T13:18:31+02:00	13.15738297	2.28732872	6.260126114	0.783354759	1.024696738
2018-05-10T13:28:31+02:00	13.15067673	2.302676201	6.273835182	0.751167297	0.95139079
2018-05-10T13:38:31+02:00	13.15149689	2.218336105	6.30036068	0.768899918	1.10466268
2018-05-10T13:48:31+02:00	13.15316582	2.210736275	6.233304977	0.766366959	1.08393418
2018-05-10T13:58:31+02:00	13.16256809	2.25961113	6.236732483	0.760107994	1.05604392
2018-05-10T14:08:31+02:00	13.16827583	2.254097939	6.215126038	0.793933868	1.072993472
2018-05-10T14:18:31+02:00	13.16440105	2.196432114	6.241500854	0.756830215	1.05988222
2018-05-10T14:28:31+02:00	13.16270256	2.354681969	6.279200554	0.743717194	1.181910027
2018-05-10T14:38:31+02:00	13.16483307	2.270489693	6.297080994	0.775009155	0.931399956
2018-05-10T14:48:31+02:00	13.16703892	2.309530258	6.261617661	0.791848183	0.830185591
2018-05-10T14:58:31+02:00	13.16873741	2.316682816	6.309299469	0.775754929	0.874693553
2018-05-10T15:08:31+02:00	13.1706295	2.308488846	6.311237335	0.800043106	0.806853598
2018-05-10T15:18:31+02:00	13.174757	2.376735687	6.272197723	0.792444229	0.921814252
2018-05-10T15:28:31+02:00	13.17465305	2.364963531	6.285309792	0.78096962	0.888777135

2018-05-10T15:38:31+02:00	13.17176247	2.379118919	6.270706177	0.785290718	0.988941266
2018-05-10T15:48:31+02:00	13.17177677	2.407729149	6.292164803	0.775306702	0.765247896
2018-05-10T15:58:31+02:00	13.17013836	2.415180206	6.296038628	0.77053833	1.261490882
2018-05-10T16:08:31+02:00	13.17059994	2.452433586	6.252527237	0.754743576	0.929919579
2018-05-10T16:18:31+02:00	13.17335701	2.412348747	6.276816368	0.792294502	0.865841916
2018-05-10T16:28:31+02:00	13.17407227	2.458690643	6.274431229	0.770539284	0.824063607
2018-05-10T16:38:31+02:00	13.17360973	2.435595512	6.279200554	0.774114609	0.891897072
2018-05-10T16:48:31+02:00	13.17191124	2.560764313	6.248653412	0.742822647	0.960043804
2018-05-10T16:58:31+02:00	13.17118073	2.530216217	7.924437523	0.745355606	0.947019392
2018-05-10T17:08:31+02:00	13.17267132	2.491325378	6.135255814	0.775606155	0.833643932
2018-05-10T17:18:31+02:00	13.17602348	2.565533638	6.294845581	0.766218185	0.872259388
2018-05-10T17:28:31+02:00	13.17660522	2.562999725	6.303339958	0.778585434	0.581222
2018-05-10T17:38:31+02:00	13.17633724	2.582818985	6.305276871	0.785141945	0.507360605
2018-05-10T17:48:31+02:00	13.17828941	2.561807632	6.305576324	0.774413109	0.531381409
2018-05-10T17:58:31+02:00	13.17773724	2.64108181	6.322861671	0.804066658	0.563943539
2018-05-10T18:08:31+02:00	13.17597961	2.640634537	6.300210953	0.756681442	0.559317558
2018-05-10T18:18:31+02:00	13.17708206	2.628416061	6.301253319	0.776201248	0.598976428
2018-05-10T18:28:31+02:00	13.17939186	2.732128143	6.313473701	0.759363174	0.62343554
2018-05-10T18:38:31+02:00	13.1773653	2.676099777	6.305575371	0.770539284	0.827034583
2018-05-10T18:48:31+02:00	13.17662048	2.752542496	6.310343742	0.768006325	0.871232043
2018-05-10T18:58:31+02:00	13.17392254	2.764911652	6.317645073	0.785141945	0.761508803
2018-05-10T19:08:31+02:00	13.17554665	2.794265747	6.309151649	0.77918148	0.939073509
2018-05-10T19:18:31+02:00	13.17568111	2.789944649	6.312875748	0.765919685	0.915966489
2018-05-10T19:28:31+02:00	13.17380333	2.840608597	6.315260887	0.783949852	0.761131464
2018-05-10T19:38:31+02:00	13.1727457	2.838671684	6.308258057	0.786930084	0.905157042
2018-05-10T19:48:31+02:00	13.17182159	2.850592613	6.318689346	0.769048691	0.674258787
2018-05-10T19:58:31+02:00	13.17136002	2.906024933	6.330460548	0.766665459	0.69841865
2018-05-10T20:08:31+02:00	13.16973591	2.883522987	6.29767704	0.791996956	1.15929892
2018-05-10T20:18:31+02:00	13.16945267	2.959220886	6.348788261	0.780820847	0.848288956
2018-05-10T20:28:31+02:00	13.1675005	3.007351875	6.319583893	0.78931427	0.946568129
2018-05-10T20:38:31+02:00	13.16532516	2.96696949	6.303488731	0.774711609	0.76629077
2018-05-10T20:48:31+02:00	13.16362572	3.023445129	6.319433212	0.777543068	0.916724212
2018-05-10T20:58:31+02:00	13.16127205	3.103316307	6.291717529	0.759064674	0.774327352
2018-05-10T21:08:31+02:00	13.15951347	3.068148613	6.336867332	0.792443275	0.876261947
2018-05-10T21:18:31+02:00	13.15611649	3.120004654	6.335525513	0.769198418	0.748011775
2018-05-10T21:28:31+02:00	13.15419388	3.200768471	6.335080147	0.758915901	0.761401123
2018-05-10T21:38:31+02:00	13.15125847	3.167689323	6.35474968	0.751018524	0.746286833
2018-05-10T21:48:31+02:00	13.14766693	3.23876667	6.321222305	0.761598587	0.987947167
2018-05-10T21:58:31+02:00	13.1428833	3.301203728	6.327628136	0.77918148	1.040802287
2018-05-10T22:08:31+02:00	13.13804054	3.296880722	6.322115898	0.77947998	0.868365678
2018-05-10T22:18:31+02:00	13.13394356	3.383755684	6.354452133	0.768601418	0.774291906
2018-05-10T22:28:31+02:00	13.12929344	3.392845154	6.344168663	0.749677658	0.767243467
2018-05-10T22:38:31+02:00	13.12519646	3.417879105	6.377101898	0.761598587	0.763827685
2018-05-10T22:48:31+02:00	13.12074089	3.865807533	6.398260117	0.773817062	0.804189664
2018-05-10T22:58:31+02:00	13.11691093	3.491937637	6.365031242	0.77009201	0.59645491
2018-05-10T23:08:31+02:00	13.11226177	3.586709976	6.348490715	0.789165497	0.768520212
2018-05-10T23:18:31+02:00	13.10850716	3.67432785	6.405563354	0.751763344	0.840596594
2018-05-10T23:28:31+02:00	13.10424519	3.700704575	6.357580185	0.756382942	0.884682842
2018-05-10T23:38:31+02:00	13.10142899	3.813653946	6.411820412	0.771582603	0.557227731
2018-05-10T23:48:31+02:00	13.09822464	3.816187859	6.425380707	0.746101379	0.648971246

2018-05-10T23:58:31+02:00	13.09449959	3.857761383	6.469936371	0.766366959	0.590196361
2018-05-11T00:08:31+02:00	13.08962727	3.917515755	6.464868546	0.758319855	0.736046577
2018-05-11T00:18:31+02:00	13.08558846	3.995746613	6.467402458	0.751763344	0.668074109
2018-05-11T00:28:31+02:00	13.08248901	4.091114044	6.441770554	0.768155098	0.680301429
2018-05-11T00:38:31+02:00	13.07894325	4.151313782	6.440729141	0.770390511	0.691690678
2018-05-11T00:48:31+02:00	13.07578373	4.19080162	6.4438591	0.748634338	0.676267367
2018-05-11T00:58:31+02:00	13.07339954	4.280656815	6.461143494	0.753551483	1.068339077
2018-05-11T01:08:31+02:00	13.07046413	4.349946976	6.452054024	0.766665459	0.629736678
2018-05-11T01:18:31+02:00	13.06769276	4.462600708	6.456226349	0.768601418	0.772511369
2018-05-11T01:28:31+02:00	13.06237316	4.511774063	6.455928802	0.760853767	0.667446346
2018-05-11T01:38:31+02:00	13.05912399	4.556476593	6.462931633	0.743567467	0.683924159
2018-05-11T01:48:31+02:00	13.05505657	4.703402519	6.446092606	0.792444229	0.681287987
2018-05-11T01:58:31+02:00	13.05241871	4.791021347	6.498844147	0.784695625	0.829519409
2018-05-11T02:08:31+02:00	13.0489769	4.896371841	6.486474991	0.787823677	0.709724118
2018-05-11T02:18:31+02:00	13.04559422	4.977285385	6.458312988	0.771731377	0.805071478
2018-05-11T02:28:31+02:00	13.04252434	5.076975822	6.458461761	0.756978989	0.675334665
2018-05-11T02:38:31+02:00	13.03818798	5.178301811	6.472914696	0.789761543	0.82795289
2018-05-11T02:48:31+02:00	13.03516293	5.282461166	6.484985352	0.761598587	0.745423934
2018-05-11T02:58:31+02:00	13.03133392	5.395561218	6.462634087	0.801980972	0.796560133
2018-05-11T03:08:31+02:00	13.02921772	5.512833595	6.624162674	0.788719177	0.893466597
2018-05-11T03:18:31+02:00	13.02742958	5.586892128	6.482006073	0.802725792	0.93822524
2018-05-11T03:28:31+02:00	13.02598381	5.749166489	6.497055054	0.782906532	0.84504607
2018-05-11T03:38:31+02:00	13.02619267	5.896538734	6.49943924	0.795125961	0.99733044
2018-05-11T03:48:31+02:00	13.0268631	5.994290352	6.49630928	0.803024292	0.86598635
2018-05-11T03:58:31+02:00	13.02710152	6.151945114	6.503761292	0.806450844	0.957459881
2018-05-11T04:08:31+02:00	13.02759361	6.227343559	6.534457207	0.79944706	1.143280566
2018-05-11T04:18:31+02:00	13.02657986	6.335824013	6.514490128	0.785142899	0.872223389
2018-05-11T04:28:31+02:00	13.02599907	6.487815857	6.524921417	0.803470612	0.920929365
2018-05-11T04:38:31+02:00	13.02413654	6.77958107	6.472915649	0.805854797	1.38762694
2018-05-11T04:48:31+02:00	13.0220499	6.863772392	6.506144524	0.818371773	0.958796916
2018-05-11T04:58:31+02:00	13.01994896	7.052869797	6.52521801	0.824033737	1.062019122
2018-05-11T05:08:31+02:00	13.01890564	7.223935127	6.524175644	0.85234642	0.964235204
2018-05-11T05:18:31+02:00	13.01793766	7.399320602	6.553232193	0.827758789	0.972872739
2018-05-11T05:28:31+02:00	13.01751995	7.583647728	6.558299065	0.835805893	0.953811109
2018-05-11T05:38:31+02:00	13.01673031	7.749349594	6.555616379	0.857562065	0.964904052
2018-05-11T05:48:31+02:00	13.01538944	7.979869843	6.600767136	0.859200478	1.060027304
2018-05-11T05:58:31+02:00	13.01383972	8.096545219	6.575434685	0.832527161	1.559852684
2018-05-11T06:08:31+02:00	13.01343727	8.314250946	6.589740753	0.864118576	1.28414595
2018-05-11T06:18:31+02:00	13.01284122	8.48710537	6.603449821	0.868439674	1.05278525
2018-05-11T06:28:31+02:00	13.0136013	8.718819618	6.5903368	0.862329483	0.98462117
2018-05-11T06:38:31+02:00	13.01242447	8.845181465	6.57036972	0.847726822	1.12831914
2018-05-11T06:48:31+02:00	13.01108265	9.118169785	6.634742737	0.866055489	0.995667291
2018-05-11T06:58:31+02:00	13.00950336	9.299665451	6.649942398	0.890493393	1.038123353
2018-05-11T07:08:31+02:00	13.0076704	9.488910675	6.619094849	0.846385956	1.609727735
2018-05-11T07:18:31+02:00	13.00795364	9.796172142	6.658582687	0.881701469	1.08047419
2018-05-11T07:28:31+02:00	13.00714874	9.96604538	6.674378395	0.90643692	1.323532157
2018-05-11T07:38:31+02:00	13.00649357	10.20118618	6.666481972	0.883936882	1.195525324
2018-05-11T07:48:31+02:00	13.00448227	10.49414253	6.691067696	0.905841827	0.968788756
2018-05-11T07:58:31+02:00	13.00561428	10.6960535	6.691216469	0.899582863	1.071780105
2018-05-11T08:08:31+02:00	13.00713444	10.94087887	6.716996193	0.876039505	1.2152828

2018-05-11T08:18:31+02:00	13.01325893	11.2219162	6.737857819	0.91508007	1.42152323
2018-05-11T08:28:31+02:00	13.01334763	11.50503731	6.699264526	0.916272163	1.100567023
2018-05-11T08:38:31+02:00	13.01910019	11.81229877	6.687939644	0.932365417	1.058506496
2018-05-11T08:48:31+02:00	13.02461338	12.04416084	6.717443466	0.939965248	1.072939225
2018-05-11T08:58:31+02:00	13.03134823	12.39895821	6.723403931	0.935048103	1.140940909
2018-05-11T09:08:31+02:00	13.03820324	12.72365475	6.756931305	0.93430233	1.960167261
2018-05-11T09:18:31+02:00	13.04660702	12.70577431	6.790309906	0.973045349	1.305427939
2018-05-11T09:28:31+02:00	13.05673981	12.99172688	6.81623745	0.963807106	1.413813056
2018-05-11T09:38:31+02:00	13.06498051	13.33713531	6.825476646	0.956953049	1.479628299
2018-05-11T09:48:31+02:00	13.07287788	13.69208145	6.796867371	0.965147972	1.340696089
2018-05-11T09:58:31+02:00	13.07736301	14.131217	6.86079216	0.958442688	1.327062747
2018-05-11T10:08:31+02:00	13.08171463	14.44995499	6.876290321	0.982284546	1.330648536
2018-05-11T10:18:31+02:00	13.08660221	15.0176878	6.919353485	0.995993614	1.367681021
2018-05-11T10:28:31+02:00	13.08628941	15.58616829	6.959289551	1.001059532	1.370394609
2018-05-11T10:38:31+02:00	13.0869894	15.8908968	7.005781174	1.020431519	1.615304155
2018-05-11T10:48:31+02:00	13.09074497	16.27027893	7.007568359	1.012831688	1.441451116
2018-05-11T10:58:31+02:00	13.09794235	16.56726074	7.204115868	1.04293251	1.071762023
2018-05-11T11:08:31+02:00	13.10193539	16.95439148	7.202475548	1.029669762	0.97186096
2018-05-11T11:18:31+02:00	13.10235214	16.76082611	7.269234657	0.956505775	1.169314757
2018-05-11T11:28:31+02:00	13.10637569	17.04320145	7.282197952	0.973045349	1.365222116
2018-05-11T11:38:31+02:00	13.11136818	17.38607788	7.306487083	0.960379601	1.267235689
2018-05-11T11:48:31+02:00	13.11728382	17.84354401	7.352828979	0.982433319	1.156087227
2018-05-11T11:58:31+02:00	13.12543488	18.15184975	7.380694389	0.975430489	1.196832342
2018-05-11T12:08:31+02:00	13.13406181	18.72688675	7.382930756	0.972747803	1.579147566
2018-05-11T12:18:31+02:00	13.14157295	18.93818474	7.421672821	0.996142387	1.321185075
2018-05-11T12:28:31+02:00	13.15102005	19.24678802	7.479488373	0.984072685	1.306501006
2018-05-11T12:38:31+02:00	13.16210651	19.47879791	7.494538307	0.96186924	1.088988504
2018-05-11T12:48:31+02:00	13.16940784	19.7868042	7.493943214	0.969916344	1.163435173
2018-05-11T12:58:31+02:00	13.17943668	20.13578987	7.521659851	0.995248795	1.128301501
2018-05-11T13:08:31+02:00	13.19214725	20.31311417	7.591397285	1.004934311	1.181220457
2018-05-11T13:18:31+02:00	13.20634747	20.46793747	7.682442665	1.02728653	1.557496523
2018-05-11T13:28:31+02:00	13.21922207	21.4272728	7.427632332	1.160800934	1.656290847
2018-05-11T13:38:31+02:00	13.22756672	21.75778198	7.480531693	1.155286789	1.769482509
2018-05-11T13:48:31+02:00	13.22814846	22.13850403	7.502437592	1.171977043	1.758818748
2018-05-11T13:58:31+02:00	13.23328876	22.44755745	7.431508064	1.164525986	1.881124307
2018-05-11T14:08:31+02:00	13.23843002	22.87179375	7.452964783	1.161694527	1.849473994
2018-05-11T14:18:31+02:00	13.23771477	23.27993393	7.510036469	1.185386658	1.982453145
2018-05-11T14:28:31+02:00	13.2388773	23.77852821	7.562934875	1.192390442	2.051001794
2018-05-11T14:38:31+02:00	13.23859406	24.32763672	7.617622375	1.201033592	1.857381119
2018-05-11T14:48:31+02:00	13.24017334	24.8929863	7.655619621	1.201182365	1.880426661
2018-05-11T14:58:31+02:00	13.24357128	25.36758614	7.71373558	1.208930969	2.029193753
2018-05-11T15:08:31+02:00	13.24594021	25.81551743	7.749943733	1.223981857	2.043517461
2018-05-11T15:18:31+02:00	13.24424171	26.43301964	7.774979591	1.231431961	1.991457574
2018-05-11T15:28:31+02:00	13.24565697	27.07377243	7.861106873	1.23530674	1.865747492
2018-05-11T15:38:31+02:00	13.24674511	27.64508057	8.291006088	1.230984688	1.45897738
2018-05-11T15:48:31+02:00	13.25051498	28.38566971	8.102805138	1.214742661	1.445061569
2018-05-11T15:58:31+02:00	13.25368881	29.6664257	8.441804886	1.300126076	1.149719712
2018-05-11T16:08:31+02:00	13.25203514	30.27126312	8.529127121	1.303106308	0.953467984
2018-05-11T16:18:31+02:00	13.24644661	30.57003021	8.609592438	1.272559166	0.942270269
2018-05-11T16:28:31+02:00	13.24112701	31.26293373	8.653551102	1.306980133	1.070710958

2018-05-11T16:38:31+02:00	13.23792362	31.78358078	8.673221588	1.294315338	0.990333412
2018-05-11T16:48:31+02:00	13.23613548	32.83679581	8.759797096	1.370310783	0.840056125
2018-05-11T16:58:31+02:00	13.23492813	33.4785881	8.776039124	1.391619682	0.852235115
2018-05-11T17:08:31+02:00	13.23363209	34.23825073	8.834005356	1.420974731	0.960784277
2018-05-11T17:18:31+02:00	13.23191833	34.888237	8.90284729	1.400411606	0.880661901
2018-05-11T17:28:31+02:00	13.2312479	35.57011414	8.949489594	1.428873062	1.012431208
2018-05-11T17:38:31+02:00	13.23315525	36.29684448	9.036659241	1.443475723	1.027899239
2018-05-11T17:48:31+02:00	13.22932529	36.93029022	9.064077377	1.44258213	0.991960724
2018-05-11T17:58:31+02:00	13.2233057	37.49311066	9.102075577	1.485347748	1.079495736
2018-05-11T18:08:31+02:00	13.22005653	37.69635773	9.158699989	1.455396652	1.053038761
2018-05-11T18:18:31+02:00	13.21548271	38.38241196	9.220094681	1.464635849	0.964560376
2018-05-11T18:28:31+02:00	13.20859814	38.97488403	9.334384918	1.501441002	0.833914121
2018-05-11T18:38:31+02:00	13.20371056	39.63858032	9.373128891	1.493394852	0.834039994
2018-05-11T18:48:31+02:00	13.20308495	40.39317322	9.495318413	1.494884491	0.776971163
2018-05-11T18:58:31+02:00	13.20128155	40.9780426	9.488165855	1.507699013	0.792907618
2018-05-11T19:08:31+02:00	13.19997025	41.56872559	9.544938087	1.531393051	0.755828895
2018-05-11T19:18:31+02:00	13.19831657	42.16566849	9.572357178	1.527517319	0.819652057
2018-05-11T19:28:31+02:00	13.19548512	44.0442543	9.607970238	1.526921272	0.937664976
2018-05-11T19:38:31+02:00	13.19287682	44.56937408	9.650289536	1.557320595	0.787421236
2018-05-11T19:48:31+02:00	13.19022465	45.04486847	9.645372391	1.536906242	0.86843813
2018-05-11T19:58:31+02:00	13.18919659	45.56089783	9.515731812	1.545697212	0.968861383
2018-05-11T20:08:31+02:00	13.18764687	46.06858063	9.568332672	1.579076767	0.867193994
2018-05-11T20:18:31+02:00	13.18685722	46.56866455	9.59381485	1.566558838	0.893989323
2018-05-11T20:28:31+02:00	13.18472672	46.87190247	9.606779099	1.562535286	0.963494672
2018-05-11T20:38:31+02:00	13.18179035	47.24308777	9.59515667	1.581757545	0.916092621
2018-05-11T20:48:31+02:00	13.17828941	47.96028137	10.01819992	1.571923256	0.598010602
2018-05-11T20:58:31+02:00	13.17496586	48.4487381	10.06126404	1.617074013	0.529972196
2018-05-11T21:08:31+02:00	13.17222404	49.03391266	10.08138084	1.648962975	1.151025566
2018-05-11T21:18:31+02:00	13.16876698	50.35027695	10.07527065	1.586079597	1.137313936
2018-05-11T21:28:31+02:00	13.16571236	50.54533768	10.14262486	1.634210587	0.882068492
2018-05-11T21:38:31+02:00	13.16140556	51.42882538	9.857564926	1.679062843	1.228070983
2018-05-11T21:48:31+02:00	13.15888786	51.70807648	9.937883377	1.6531353	1.133868277
2018-05-11T21:58:31+02:00	13.15529633	52.35210419	9.90182209	1.656860352	1.143606985
2018-05-11T22:08:31+02:00	13.15245056	52.81851196	9.945780754	1.67921257	1.431404213
2018-05-11T22:18:31+02:00	13.14921665	52.63343048	10.02356434	1.700520515	1.760229611
2018-05-11T22:28:31+02:00	13.14534283	53.21949387	10.05664539	1.720934868	1.210560786
2018-05-11T22:38:31+02:00	13.14172173	53.37610626	10.06677818	1.703649521	1.171728662
2018-05-11T22:48:31+02:00	13.13823509	53.92879105	10.08942795	1.685619354	1.150680988
2018-05-11T22:58:31+02:00	13.13719177	55.50399017	10.13875103	1.699774742	1.389667471
2018-05-11T23:08:31+02:00	13.13364506	56.4783783	9.731501579	1.812428474	1.752699539
2018-05-11T23:18:31+02:00	13.13120079	57.38899231	9.747297287	1.834481239	1.688388112
2018-05-11T23:28:31+02:00	13.12875748	57.97952652	9.826869011	1.839399338	2.018549783
2018-05-11T23:38:31+02:00	13.12628365	58.37291336	10.56328392	1.813471794	1.100947439
2018-05-11T23:48:31+02:00	13.1231699	58.58376312	10.53854847	1.819431305	0.960748201
2018-05-11T23:58:31+02:00	13.12062168	59.27861023	10.5749073	1.848637581	0.980806785
2018-05-12T00:08:31+02:00	13.11765575	60.00995255	10.62125015	1.854598045	1.02339431
2018-05-12T00:18:31+02:00	13.1139307	60.90670776	10.70320511	1.86994648	1.104771246
2018-05-12T00:28:31+02:00	13.11071205	61.6887207	10.7052927	1.893937111	1.072956843
2018-05-12T00:38:31+02:00	13.10801506	62.07645035	10.71646881	1.873970032	1.097014919
2018-05-12T00:48:31+02:00	13.10542202	62.17777252	10.7096138	1.894980431	1.115827729

2018-05-12T00:58:31+02:00	13.10192013	62.49621201	10.73807526	1.900047302	1.108867255
2018-05-12T01:08:31+02:00	13.1003561	63.06752396	10.79037762	1.895427704	1.17437777
2018-05-12T01:18:31+02:00	13.09883595	64.08661652	10.85147285	1.921356201	1.177899129
2018-05-12T01:28:31+02:00	13.0964222	64.99111938	10.90452099	1.917331696	3.299602097
2018-05-12T01:38:31+02:00	13.09333706	65.25829315	11.22117043	1.933873177	0.706224429
2018-05-12T01:48:31+02:00	13.09049129	65.74704742	11.27019501	1.921653748	0.71148306
2018-05-12T01:58:31+02:00	13.08950806	66.18395233	11.29537964	1.944750786	0.616061644
2018-05-12T02:08:31+02:00	13.08888245	66.88788605	11.32801247	1.970678329	0.669938198
2018-05-12T02:18:31+02:00	13.08633423	67.5356369	11.38731956	2.017766953	0.721069257
2018-05-12T02:28:31+02:00	13.08450127	68.27146149	11.43649197	2.006441116	0.648863701
2018-05-12T02:38:31+02:00	13.08338356	68.85305023	11.42710495	1.958459854	0.657983682
2018-05-12T02:48:31+02:00	13.08150578	69.51272583	11.46212196	2.003163338	0.938567782
2018-05-12T02:58:31+02:00	13.07946396	70.25435638	11.5203867	2.025365829	1.515876023
2018-05-12T03:08:31+02:00	13.07879353	70.6882782	11.53647804	2.048761368	0.77898534
2018-05-12T03:18:31+02:00	13.07564926	71.7219696	11.56076813	2.041905403	0.917283273
2018-05-12T03:28:31+02:00	13.07390594	72.17421722	11.63795662	2.041459084	0.813585229
2018-05-12T03:38:31+02:00	13.07281876	72.90020752	11.62171459	2.068281174	1.066328912
2018-05-12T03:48:31+02:00	13.07187939	74.2599411	11.62454605	2.078712463	0.862218759
2018-05-12T03:58:31+02:00	13.0703001	75.15341187	11.66522598	2.108662605	0.767836729
2018-05-12T04:08:31+02:00	13.07058334	75.79817963	11.71887016	2.120584488	0.855713417
2018-05-12T04:18:31+02:00	13.06924248	76.4857254	11.76625443	2.085566521	1.231704317
2018-05-12T04:28:31+02:00	13.06946564	76.93215942	11.76997948	2.127885818	0.841569182
2018-05-12T04:38:31+02:00	13.06870556	77.57276917	11.78786087	2.122819901	0.926146079
2018-05-12T04:48:31+02:00	13.0687952	78.20680237	11.80246353	2.126544952	1.067669167
2018-05-12T04:58:31+02:00	13.06721592	78.67977142	11.83003235	2.130866051	0.998126162
2018-05-12T05:08:31+02:00	13.0663662	79.3147049	11.88486767	2.163648605	1.010025728
2018-05-12T05:18:31+02:00	13.06544209	80.12771606	11.88233471	2.163946152	0.943678492
2018-05-12T05:28:31+02:00	13.06444359	80.97827148	12.00333214	2.146959305	0.854091401
2018-05-12T05:38:31+02:00	13.06293869	81.97457123	12.02300167	2.194345474	0.930226003
2018-05-12T05:48:31+02:00	13.06118107	82.86401367	12.06874847	2.20626545	0.865643953
2018-05-12T05:58:31+02:00	13.06080818	83.08798218	11.99185944	2.200454712	0.96846309
2018-05-12T06:08:31+02:00	13.06018257	84.77880859	12.00050163	2.132504463	0.959284845
2018-05-12T06:18:31+02:00	13.05976486	84.87567139	12.02151108	2.146363258	1.201281188
2018-05-12T06:28:31+02:00	13.05948162	85.6600647	12.07053757	2.170651436	0.904002305
2018-05-12T06:38:31+02:00	13.05864716	86.47561646	12.11881638	2.181082726	0.935697177
2018-05-12T06:48:31+02:00	13.05837917	87.16404724	12.11911488	2.168119431	0.903803693
2018-05-12T06:58:31+02:00	13.0580368	87.56593323	12.16754246	2.172887802	1.002954035
2018-05-12T07:08:31+02:00	13.05851364	87.96438599	12.10763931	2.29716301	1.110100115
2018-05-12T07:18:31+02:00	13.05843925	89.3647995	12.20956421	2.326369286	0.944690074
2018-05-12T07:28:31+02:00	13.05828953	89.72942352	12.16381836	2.350359917	1.046015116
2018-05-12T07:38:31+02:00	13.05928802	90.76699829	12.1980896	2.340227127	1.17437777
2018-05-12T07:48:31+02:00	13.06186581	91.69772339	12.25695038	2.346932411	0.953540123
2018-05-12T07:58:31+02:00	13.06419086	92.10124969	12.3037405	2.363175392	0.989176373
2018-05-12T08:08:31+02:00	13.06760311	92.63172913	12.30209923	2.392083168	1.068863885
2018-05-12T08:18:31+02:00	13.06991291	93.20005798	12.35097599	2.401322365	1.104825993
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2018-05-12T08:38:31+02:00	13.07058334	94.65113831	12.52248955	2.42218399	1.007457863
2018-05-12T08:48:31+02:00	13.07013607	95.56174469	12.58090019	2.393424034	1.00163464
2018-05-12T08:58:31+02:00	13.07012177	96.63731384	12.63394928	2.420097351	1.102397685
2018-05-12T09:08:31+02:00	13.07089615	97.87738037	12.66375256	2.458690643	1.009085334

2018-05-12T09:18:31+02:00	13.07444286	98.96218872	12.65928078	2.480446815	0.968571799
2018-05-12T09:28:31+02:00	13.07456207	99.96577454	13.21002865	2.513975143	0.749251946
2018-05-12T09:38:31+02:00	13.0761261	102.1532745	13.20987892	2.55748558	1.213357864
2018-05-12T09:48:31+02:00	13.07864475	103.3917084	13.32283115	2.532601357	0.757248787
2018-05-12T09:58:31+02:00	13.08402443	103.389473	13.26292706	2.535581589	0.713062878
2018-05-12T10:08:31+02:00	13.08923912	104.8953857	13.19691467	2.630352974	0.748388974
2018-05-12T10:18:31+02:00	13.092309	106.2026672	13.20376968	2.633481979	0.658341967
2018-05-12T10:28:31+02:00	13.09506607	107.3801498	13.21658516	2.692639351	0.738813071
2018-05-12T10:38:31+02:00	13.09572124	108.493721	13.29034615	2.683550835	0.747922076
2018-05-12T10:48:31+02:00	13.09736061	109.5937195	13.30614185	2.692789078	0.816789041
2018-05-12T10:58:31+02:00	13.10020638	110.6095276	13.38422298	2.704561234	0.703316801
2018-05-12T11:08:31+02:00	13.10658455	111.5314713	13.46811676	2.728849411	0.713206251
2018-05-12T11:18:31+02:00	13.11004162	112.7581329	13.50119686	2.765209198	0.664632578
2018-05-12T11:28:31+02:00	13.11407948	113.4164581	13.56601715	2.727656364	0.700768643
2018-05-12T11:38:31+02:00	13.11916161	113.8392029	13.57108307	2.775787354	0.729419116
2018-05-12T11:48:31+02:00	13.12583733	114.5134811	13.57868195	2.775490761	0.709580301
2018-05-12T11:58:31+02:00	13.12808704	114.914032	13.62174702	2.802759171	0.706224429
2018-05-12T12:08:31+02:00	13.13117123	116.5439224	13.71547604	2.809315681	0.914666379
2018-05-12T12:18:31+02:00	13.13586521	117.4616776	13.7548151	2.837627411	0.739298242
2018-05-12T12:28:31+02:00	13.14334583	117.5689697	13.72844028	2.843439102	0.751605907
2018-05-12T12:38:31+02:00	13.15036392	118.4724274	13.77031231	2.870262146	0.771145184
2018-05-12T12:48:31+02:00	13.15844059	119.4803467	13.85197067	2.873391151	0.716401511
2018-05-12T12:58:31+02:00	13.16069031	119.9446564	13.84973621	2.860129356	0.845352313
2018-05-12T13:08:31+02:00	13.1636858	119.7680893	13.87462139	2.875776291	0.82996983
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2018-05-12T13:28:31+02:00	13.17742443	120.9245605	13.86374187	2.908558846	0.824405638
2018-05-12T13:38:31+02:00	13.17270088	122.3148346	13.95046806	2.929865837	0.798089414
2018-05-12T13:48:31+02:00	13.16604042	122.9003143	14.10290623	2.954751968	0.818553743
2018-05-12T13:58:31+02:00	13.16387939	123.8422089	14.21555805	2.938807487	0.701468712
2018-05-12T14:08:31+02:00	13.16422272	123.9325104	14.18039227	2.909898758	1.181419799
2018-05-12T14:18:31+02:00	13.16663647	124.3600311	14.26085758	2.909898758	0.801580282
2018-05-12T14:28:31+02:00	13.16854382	124.4069672	14.23522758	2.912135124	0.796200392
2018-05-12T14:38:31+02:00	13.1680069	124.4287109	14.22286034	2.922416687	0.779326955
2018-05-12T14:48:31+02:00	13.16764927	125.5297699	14.28499794	2.963245392	0.770012414
2018-05-12T14:58:31+02:00	13.16873741	127.0961685	14.34385777	2.967119217	0.900249632
2018-05-12T15:08:31+02:00	13.16802216	127.7859573	14.39765072	2.973526001	0.804873828
2018-05-12T15:18:31+02:00	13.16724682	128.1291199	14.4389267	2.978443146	1.22412864
2018-05-12T15:28:31+02:00	13.16557789	128.6524506	14.45457363	2.983062744	1.708836243
2018-05-12T15:38:31+02:00	13.16355133	128.896225	14.42179012	2.984404564	0.986970676
2018-05-12T15:48:31+02:00	13.16064644	129.3176422	14.45829964	2.989321709	0.873539683
2018-05-12T15:58:31+02:00	13.15866375	130.3253937	14.51700974	2.999752045	0.891301878
2018-05-12T16:08:31+02:00	13.15800858	131.3476257	14.55470943	3.061741829	0.894368443
2018-05-12T16:18:31+02:00	13.15796375	132.5148315	14.64322281	3.05846405	1.336746197
2018-05-12T16:28:31+02:00	13.15867901	133.7605591	14.67630291	3.053992271	0.952944051
2018-05-12T16:38:31+02:00	13.15911102	134.3980408	14.75825977	3.082007408	1.098972557
2018-05-12T16:48:31+02:00	13.1567564	135.7893524	14.79133987	3.180503845	1.330957923
2018-05-12T16:58:31+02:00	13.15347862	136.8200836	14.84587765	3.178417206	1.016121403
2018-05-12T17:08:31+02:00	13.15146637	137.8850555	14.94139481	3.188698769	1.218806451
2018-05-12T17:18:31+02:00	13.14882946	138.7874756	14.97432709	3.192574501	0.941764504
2018-05-12T17:28:31+02:00	13.14644527	139.9877625	15.13525963	3.253371239	0.97310776

2018-05-12T17:38:31+02:00	13.14555073	141.6027527	15.18204689	3.291219711	0.923926043
2018-05-12T17:48:31+02:00	13.14394188	144.6652527	15.53147984	3.341734886	0.788643892
2018-05-12T17:58:31+02:00	13.13702774	148.103241	15.52864933	3.1749897	0.900069051
2018-05-12T18:08:31+02:00	13.12977028	149.1579437	15.61969566	3.38643837	1.437676565
2018-05-12T18:18:31+02:00	13.12240982	151.1687012	16.091465	3.551542282	0.55485304
2018-05-12T18:28:31+02:00	13.11869907	153.1000519	16.12588882	3.522933006	0.643758588
2018-05-12T18:38:31+02:00	13.11400509	154.1869354	16.14511108	3.538280487	0.735364185
2018-05-12T18:48:31+02:00	13.1106081	154.1768036	16.12395096	3.552436829	0.84900989
2018-05-12T18:58:31+02:00	13.1074791	156.9347076	16.08669662	3.606378555	0.692856688
2018-05-12T19:08:31+02:00	13.10490036	156.8968658	16.16328812	3.628282547	0.583152553
2018-05-12T19:18:31+02:00	13.10300827	157.4559479	16.22542953	3.622770309	0.62791075
2018-05-12T19:28:31+02:00	13.10420036	159.1685486	16.35194016	3.652422905	0.764079416
2018-05-12T19:38:31+02:00	13.10288906	162.303299	16.5490799	3.736615181	0.614021476
2018-05-12T19:48:31+02:00	13.10221863	165.2853241	16.65994644	3.793089867	0.85203676
2018-05-12T19:58:31+02:00	13.10192013	168.0803375	16.89568329	3.850757599	0.848758046
2018-05-12T20:08:31+02:00	13.10189056	169.4028015	16.99060059	3.849714279	1.101980144
2018-05-12T20:18:31+02:00	13.09956646	169.8167725	16.93770218	3.890842438	3.119850193
2018-05-12T20:28:31+02:00	13.0962429	171.8056183	17.08716202	3.917217255	0.789148163
2018-05-12T20:38:31+02:00	13.09473801	174.2543335	17.14259338	3.926456451	0.946748911
2018-05-12T20:48:31+02:00	13.09277153	174.6425018	17.16226387	3.95670414	0.887784919
2018-05-12T20:58:31+02:00	13.09134102	174.6656036	17.16181564	3.922284126	0.926651658
2018-05-12T21:08:31+02:00	13.08931446	175.2196198	17.15138626	3.952236176	0.911436147
2018-05-12T21:18:31+02:00	13.08816719	174.6056976	17.10906601	3.926009178	0.914829006
2018-05-12T21:28:31+02:00	13.0869751	174.6803589	17.09043884	3.935991287	1.259109645
2018-05-12T21:38:31+02:00	13.0851717	174.6980896	17.1989193	3.756731987	0.883456667
2018-05-12T21:48:31+02:00	13.08442688	174.9812012	17.1868515	3.798156738	0.900177122
2018-05-12T21:58:31+02:00	13.08323479	176.1896973	17.2696991	3.78549099	1.052694876
2018-05-12T22:08:31+02:00	13.08241463	176.3105469	16.84427261	3.75553894	1.084368725
2018-05-12T22:18:31+02:00	13.08187866	176.1075897	16.81774902	3.751070023	1.152821866
2018-05-12T22:28:31+02:00	13.08140182	175.8782501	16.78407288	3.74779129	1.14750699
2018-05-12T22:38:31+02:00	13.08099937	176.8988342	16.83697128	3.746301651	1.17532139
2018-05-12T22:48:31+02:00	13.08044815	178.881897	17.19966507	3.838389397	1.12500128
2018-05-12T22:58:31+02:00	13.0793457	179.710083	17.08880043	3.900826454	1.22387426
2018-05-12T23:08:31+02:00	13.07806396	181.4515991	17.21814156	3.941506386	1.079223999
2018-05-12T23:18:31+02:00	13.07688618	182.9555664	17.32125854	3.935842514	1.157865593
2018-05-12T23:28:31+02:00	13.07611179	183.9338226	17.39204025	3.950000763	1.182472748
2018-05-12T23:38:31+02:00	13.07454681	185.1558685	17.43733788	3.970414162	1.063286476
2018-05-12T23:48:31+02:00	13.07329559	186.6774139	17.53821945	4.022568703	0.962536764
2018-05-12T23:58:31+02:00	13.07050896	189.6694336	17.67411804	4.056393623	1.016827153
2018-05-13T00:08:31+02:00	13.06791592	191.8524475	17.87975502	4.13015461	1.376678769
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2018-05-13T00:28:31+02:00	13.06070423	200.5328217	18.39086151	4.27335453	1.055700013
2018-05-13T00:38:31+02:00	13.05752945	206.3283234	18.74670219	4.38243103	1.026668978
2018-05-13T00:48:31+02:00	13.05595016	210.9849548	19.07408142	4.471986771	1.116806915
2018-05-13T00:58:31+02:00	13.05303001	214.0870819	19.25095749	4.515647888	1.115900587
2018-05-13T01:08:31+02:00	13.0522995	214.9811401	20.07991028	4.551559448	0.898661835
2018-05-13T01:18:31+02:00	13.05167389	214.9724884	20.09853745	4.572719574	1.060842191
2018-05-13T01:28:31+02:00	13.05283642	214.2892761	19.98871613	4.557668686	0.728988334
2018-05-13T01:38:31+02:00	13.04642868	213.7331696	19.96457672	4.571228981	0.852127173
2018-05-13T01:48:31+02:00	13.04292679	216.3396912	20.13370514	4.541725159	0.974860743

2018-05-13T01:58:31+02:00	13.03493977	221.6956024	20.5160675	4.628599167	1.152622171
2018-05-13T02:08:31+02:00	13.02962017	229.9556122	21.04744148	4.774033546	0.908386784
2018-05-13T02:18:31+02:00	13.02887535	235.6760254	21.41133118	5.030780792	0.98836276
2018-05-13T02:28:31+02:00	13.02812958	229.17836	20.8793602	4.947035789	1.373035581
2018-05-13T02:38:31+02:00	13.0281601	228.7054138	20.8614769	4.986971855	1.165794451
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2018-05-13T02:58:31+02:00	13.03166199	224.9200745	20.33948898	5.016921997	1.422526096
2018-05-13T03:08:31+02:00	13.03403091	222.2088013	20.08498001	4.974901199	1.43408475
2018-05-13T03:18:31+02:00	13.03496933	221.0500793	20.1712532	4.929901123	1.288929314
2018-05-13T03:28:31+02:00	13.03699589	225.7838745	20.55943298	4.808455467	0.92143488
2018-05-13T03:38:31+02:00	13.03765202	225.8995209	20.5880394	4.760921478	1.101055997
2018-05-13T03:48:31+02:00	13.03756237	226.3812714	20.58014297	4.758983612	1.02335772
2018-05-13T03:58:31+02:00	13.03820324	227.7900238	21.01197624	4.790126801	1.386023482
2018-05-13T04:08:31+02:00	13.0371151	225.2496796	20.75716782	4.642307281	1.512845672
2018-05-13T04:18:31+02:00	13.03684711	226.92099	20.56315613	4.858374596	1.142065454
2018-05-13T04:28:31+02:00	13.035923	226.3876801	21.31193924	4.976838112	0.805305526
2018-05-13T04:38:31+02:00	13.03362846	228.8532257	21.46154785	4.988015175	0.960170068
2018-05-13T04:48:31+02:00	13.03143787	230.6480713	21.61696434	5.045384407	0.855316672
2018-05-13T04:58:31+02:00	13.02970982	233.0815735	21.69609261	5.069673538	1.790649979
2018-05-13T05:08:31+02:00	13.02678871	233.6882019	21.68089294	5.323290825	1.08697747
2018-05-13T05:18:31+02:00	13.02415085	241.4761505	22.34816742	5.429833412	0.765445791
2018-05-13T05:28:31+02:00	13.02170753	243.1906738	22.39823151	5.458890915	2.51889111
2018-05-13T05:38:31+02:00	13.01947212	245.1160431	22.54530716	5.476177216	0.827520932
2018-05-13T05:48:31+02:00	13.01647758	245.414978	22.80235291	5.471408844	0.740663195
2018-05-13T05:58:31+02:00	13.01299	248.3366547	23.0395813	5.531757355	0.699351094
2018-05-13T06:08:31+02:00	13.01062107	250.2387695	23.15655327	5.56543541	0.680140295
2018-05-13T06:18:31+02:00	13.00902653	254.4020233	23.43818665	5.630254745	0.740591451
2018-05-13T06:28:31+02:00	13.00542068	256.8337097	23.63666916	5.665421486	0.662499934
2018-05-13T06:38:31+02:00	13.0043478	256.8057251	23.62236404	5.664824486	0.845928831
2018-05-13T06:48:31+02:00	13.00407982	257.6151428	23.56320572	5.656331062	0.97233053
2018-05-13T06:58:31+02:00	13.00364685	259.232666	23.70968246	5.684048653	0.721823528
2018-05-13T07:08:31+02:00	13.00077152	264.8724365	24.05837059	5.800127983	0.769041233
2018-05-13T07:18:31+02:00	12.99805927	269.8288574	24.34879303	5.89907074	1.134013118
2018-05-13T07:28:31+02:00	12.99683762	272.2322998	24.49139786	5.950630188	0.943335447
2018-05-13T07:38:31+02:00	12.99779129	274.5032349	24.64071083	5.962698936	0.722649523
2018-05-13T07:48:31+02:00	12.99591351	277.6835938	24.85811615	6.014406204	0.796865523
2018-05-13T07:58:31+02:00	12.99397659	279.6888428	25.01398468	6.07311821	0.922012488
2018-05-13T08:08:31+02:00	12.99373817	281.0344238	25.07686424	6.056576729	1.137531213
2018-05-13T08:18:31+02:00	12.99151802	285.8303528	25.4127388	6.157606125	0.769346853
2018-05-13T08:28:31+02:00	12.99078751	289.0430298	25.64698601	6.201713562	0.859857795
2018-05-13T08:38:31+02:00	12.99001312	291.7845459	25.80821609	6.267876625	0.837317924
2018-05-13T08:48:31+02:00	12.98955059	294.9042664	25.99164772	6.341636658	0.859497919
2018-05-13T08:58:31+02:00	12.99029541	297.6734924	26.17582703	6.374419212	0.860668914
2018-05-13T09:08:31+02:00	12.9897747	299.1353149	26.26120949	6.40913868	0.741992788
2018-05-13T09:18:31+02:00	12.99105549	301.7111206	26.272686	6.351024628	0.928149944
2018-05-13T09:28:31+02:00	12.99414063	303.2723083	26.35389519	6.370394707	0.831914953
2018-05-13T09:38:31+02:00	12.99549675	306.0309448	26.5242157	6.434322357	0.975909142
2018-05-13T09:48:31+02:00	12.99665833	308.5860596	26.71942139	6.487071037	0.843082298
2018-05-13T09:58:31+02:00	12.99688244	309.9916992	26.81657791	6.462930679	0.845838894
2018-05-13T10:08:31+02:00	12.9997282	310.7409363	26.80063057	6.485580444	0.933060646

2018-05-13T10:18:31+02:00	13.00038433	312.048645	26.88303566	6.536096573	0.827754659
2018-05-13T10:28:31+02:00	13.00311089	314.2905273	27.05350494	6.557554245	0.812217056
2018-05-13T10:38:31+02:00	13.00257492	315.4230042	26.75831413	6.594359398	1.442143873
2018-05-13T10:48:31+02:00	13.00449657	317.1476746	26.65251541	6.620435715	1.104698868
2018-05-13T10:58:31+02:00	13.00774479	319.2888184	27.472229	6.946474075	0.926326775
2018-05-13T11:08:31+02:00	13.01193237	334.0305176	27.37849808	7.003248215	0.920929365
2018-05-13T11:18:31+02:00	13.01221561	334.4227295	28.09792709	7.045717239	0.60432442
2018-05-13T11:28:31+02:00	13.01269245	334.7396851	28.06291199	7.05137825	0.688192898
2018-05-13T11:38:31+02:00	13.01695442	334.4470215	27.27851486	7.033198357	1.06439115
2018-05-13T11:48:31+02:00	13.01774406	335.8468628	27.61110687	7.048995018	0.827592387
2018-05-13T11:58:31+02:00	13.01848888	338.329834	27.74417496	7.187425613	0.837300402
2018-05-13T12:08:31+02:00	13.03043938	338.1742554	27.71034622	7.176995277	1.002954035
2018-05-13T12:18:31+02:00	13.0333004	337.774292	27.71347809	7.168054581	0.833067597
2018-05-13T12:28:31+02:00	13.03012657	339.2034607	27.7438755	7.218421936	0.801796341
2018-05-13T12:38:31+02:00	13.03394127	339.122406	27.72763252	7.181018829	0.778373939
2018-05-13T12:48:31+02:00	13.04313564	340.2805481	27.82300186	7.150024414	1.020101351
2018-05-13T12:58:31+02:00	13.04806805	341.2055969	27.71660995	7.050783157	0.840542639
2018-05-13T13:08:31+02:00	13.05004978	343.5860596	27.5868187	7.130055428	1.268944726
2018-05-13T13:18:31+02:00	13.05118179	341.8905945	27.48668289	7.095486641	0.880589888
2018-05-13T13:28:31+02:00	13.05879688	340.6330872	27.91807175	7.119178772	0.850415358
2018-05-13T13:38:31+02:00	13.0539093	344.045166	27.80288315	7.121114731	0.838831335
2018-05-13T13:48:31+02:00	13.04128742	344.3922119	27.81063461	7.217376709	0.877325887
2018-05-13T13:58:31+02:00	13.04268837	342.1032715	27.88066673	6.833076477	0.771990298
2018-05-13T14:08:31+02:00	13.05587578	340.0012817	27.48072052	6.699562073	1.042557903
2018-05-13T14:18:31+02:00	13.06712627	338.5676575	27.52616882	6.70596981	1.060099614
2018-05-13T14:28:31+02:00	13.06889915	336.3019104	27.3473568	7.065087318	0.677342853
2018-05-13T14:38:31+02:00	13.07587337	330.4405518	26.94248962	6.928444862	0.722182514
2018-05-13T14:48:31+02:00	13.07788467	332.3799133	27.00686264	6.984174728	0.677324951
2018-05-13T14:58:31+02:00	13.07697582	337.0004883	27.28790092	7.0594244	0.602768389
2018-05-13T15:08:31+02:00	13.08012009	341.8043518	27.59516335	7.138550758	0.754193744
2018-05-13T15:18:31+02:00	13.07813835	344.5105286	27.72182274	7.1690979	0.689376692
2018-05-13T15:28:31+02:00	13.07788467	344.95755	27.76801491	7.179081917	1.411133414
2018-05-13T15:38:31+02:00	13.08292198	345.0603943	27.74521637	7.191747665	0.663359765
2018-05-13T15:48:31+02:00	13.08794308	342.0934143	27.56759644	7.172972679	0.747005319
2018-05-13T15:58:31+02:00	13.08833027	340.6509705	27.41396523	7.116793633	0.751713557
2018-05-13T16:08:31+02:00	13.07062817	342.3988647	27.58398819	7.181913376	1.073011555
2018-05-13T16:18:31+02:00	13.07585812	346.3469238	28.39147949	7.403195381	0.617296074
2018-05-13T16:28:31+02:00	13.07986641	354.1198425	28.85892868	7.566213608	0.647591987
2018-05-13T16:38:31+02:00	13.08017921	352.4811401	28.72720337	7.494688988	0.610711285
2018-05-13T16:48:31+02:00	13.08684063	343.5057373	28.03832245	7.32481575	0.645048257
2018-05-13T16:58:31+02:00	13.09165382	338.4405518	27.68218613	7.222890854	0.615417305
2018-05-13T17:08:31+02:00	13.09390354	334.4367371	27.41992378	7.141082764	0.594899301
2018-05-13T17:18:31+02:00	13.09435081	333.8293762	27.41158295	7.160157204	0.661943855
2018-05-13T17:28:31+02:00	13.09320354	334.7508545	27.39280319	7.127820969	0.960567823
2018-05-13T17:38:31+02:00	13.09418678	334.9153748	27.4537487	7.110834122	0.578022853
2018-05-13T17:48:31+02:00	13.09637737	336.6118469	28.00241089	7.159410477	0.562461055
2018-05-13T17:58:31+02:00	13.09691334	336.2357788	25.74265099	6.981193542	0.616580469
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2018-05-13T18:18:31+02:00	13.09394836	334.4510498	27.44853401	6.936639786	0.690667985
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2018-05-13T18:48:31+02:00	13.0969286	335.5342102	27.39906502	6.980597496	0.697646993
2018-05-13T18:58:31+02:00	13.09616852	333.9554138	27.25690651	6.92486763	0.784362705
2018-05-13T19:08:31+02:00	13.09758377	333.2735596	27.17822838	6.938129425	0.742280237
2018-05-13T19:18:31+02:00	13.09518528	333.6037598	27.16109085	6.930083275	0.815421212
2018-05-13T19:28:31+02:00	13.09466362	333.2504883	27.11951828	6.926060677	0.707857296
2018-05-13T19:38:31+02:00	13.09177303	333.4241943	27.12652206	6.906539917	0.801328752
2018-05-13T19:48:31+02:00	13.09020805	334.0241394	27.19715118	6.97955513	0.715054989
2018-05-13T19:58:31+02:00	13.08861351	336.4627075	27.54286194	7.154791832	0.78641367
2018-05-13T20:08:31+02:00	13.08678055	336.5315552	27.44212914	7.113367081	0.611426976
2018-05-13T20:18:31+02:00	13.08493328	336.0696106	27.33841324	7.124393463	0.5828844
2018-05-13T20:28:31+02:00	13.08289146	335.9876404	27.38371277	7.066578865	0.698974439
2018-05-13T20:38:31+02:00	13.07958412	337.4891052	27.44391441	7.148384094	0.567963154
2018-05-13T20:48:31+02:00	13.07678223	336.0025635	27.39384842	7.104724884	0.604682071
2018-05-13T20:58:31+02:00	13.07432365	336.7479248	27.37537003	7.114411354	0.677468627
2018-05-13T21:08:31+02:00	13.07016563	336.9116821	27.39116478	7.082969666	0.699853614
2018-05-13T21:18:31+02:00	13.06663418	337.7124634	27.38624763	7.108449936	0.604252753
2018-05-13T21:28:31+02:00	13.06214905	339.0258484	27.48191452	7.122904778	0.707426788
2018-05-13T21:38:31+02:00	13.05897522	338.1795959	27.42454529	7.08028698	0.623077204
2018-05-13T21:48:31+02:00	13.05681419	338.2693176	27.39459229	7.115900993	0.632368747
2018-05-13T21:58:31+02:00	13.05469894	337.6184387	27.38088608	7.071792603	0.783139732
2018-05-13T22:08:31+02:00	13.05186749	336.9019775	27.33528519	7.092208862	0.718232499
2018-05-13T22:18:31+02:00	13.04888725	336.7154236	27.32381058	7.057040215	1.604846289
2018-05-13T22:28:31+02:00	13.04598141	336.6723633	27.32306862	7.009506226	0.713942425
2018-05-13T22:38:31+02:00	13.04157066	335.6194458	27.23365974	6.995946884	0.693107897
2018-05-13T22:48:31+02:00	13.03718948	336.5274048	27.29773521	7.0047369	1.080745934
2018-05-13T22:58:31+02:00	13.03297234	335.7911377	27.24855995	6.988645554	0.799060909
2018-05-13T23:08:31+02:00	13.02890491	334.3836975	27.14812851	6.946026802	0.806493757
2018-05-13T23:18:31+02:00	13.02529907	334.2758179	27.13471603	6.917266846	0.804117793
2018-05-13T23:28:31+02:00	13.02145386	333.8010559	27.13665581	6.940960884	0.774111915
2018-05-13T23:38:31+02:00	13.01835442	333.9950562	27.11206818	6.935596466	0.678185182
2018-05-13T23:48:31+02:00	13.01424217	332.2714539	27.00641823	6.917416573	0.781809059
2018-05-13T23:58:31+02:00	13.01036739	333.1774597	27.39399719	6.893573761	0.732777747
2018-05-14T00:08:31+02:00	13.00671673	333.2915955	27.39414597	6.867648125	0.734376488
2018-05-14T00:18:31+02:00	13.00407982	333.272644	27.37760544	6.885529518	0.781700858
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2018-05-14T00:48:31+02:00	12.99603271	331.2717285	27.19193649	6.798952103	0.853821072
2018-05-14T00:58:31+02:00	12.99449825	331.3200378	27.2189064	6.775707245	0.727138837
2018-05-14T01:08:31+02:00	12.99238205	330.7388611	27.19462013	6.781667709	1.029817419
2018-05-14T01:18:31+02:00	12.99104118	330.8615112	27.15140533	6.806404114	0.889227773
2018-05-14T01:28:31+02:00	12.99010181	329.8795166	27.0906105	6.764382362	0.805305526
2018-05-14T01:38:31+02:00	12.98719597	329.1742554	26.98078918	6.781518936	1.015307302
2018-05-14T01:48:31+02:00	12.98513985	317.5905151	27.49249268	6.388575554	1.499885579
2018-05-14T01:58:31+02:00	12.98297977	334.7933044	26.73730087	6.531328201	0.916580059
2018-05-14T02:08:31+02:00	12.98068428	334.3436279	26.72761536	6.526410103	1.010279004
2018-05-14T02:18:31+02:00	12.97935867	332.166687	26.58248138	6.518363953	0.908224182
2018-05-14T02:28:31+02:00	12.97788334	332.9186401	26.57472992	6.50867939	1.009700223
2018-05-14T02:38:31+02:00	12.97719765	332.1747437	26.36104774	6.424338341	0.808077357
2018-05-14T02:48:31+02:00	12.97894096	328.3392029	26.10370636	6.375163078	0.868077253

2018-05-14T02:58:31+02:00	12.97831535	327.3912964	26.02845383	6.354748726	0.847838782
2018-05-14T03:08:31+02:00	12.97757053	331.4515991	25.98836899	6.377399445	1.038232231
2018-05-14T03:18:31+02:00	12.97734642	331.2501221	25.99000931	6.330310822	0.911273995
2018-05-14T03:28:31+02:00	12.97605038	331.0682068	25.97227859	6.331801414	0.983120457
2018-05-14T03:38:31+02:00	12.97561836	330.1437073	25.92250824	6.326883316	0.903497002
2018-05-14T03:48:31+02:00	12.97445583	327.8671265	25.78750229	6.238222122	0.881599469
2018-05-14T03:58:31+02:00	12.9752903	327.0976257	25.71806335	6.232707977	0.874279079
2018-05-14T04:08:31+02:00	12.97506714	325.4743042	25.6198616	6.19843483	1.002357756
2018-05-14T04:18:31+02:00	12.97442627	323.9440918	25.50229263	6.170272827	0.873287682
2018-05-14T04:28:31+02:00	12.97409821	323.1051636	25.44880104	6.157756805	1.053527712
2018-05-14T04:38:31+02:00	12.97432137	322.5031738	25.36743927	6.150156021	1.068990915
2018-05-14T04:48:31+02:00	12.97381496	321.5098572	25.31916046	6.113649368	1.138274975
2018-05-14T04:58:31+02:00	12.97426224	320.9355469	25.30992126	6.100236893	0.931002472
2018-05-14T05:08:31+02:00	12.9742918	319.5801392	25.15688324	6.090551376	0.956105314
2018-05-14T05:18:31+02:00	12.97380066	319.7371826	25.25538254	6.08041954	0.973035588
2018-05-14T05:28:31+02:00	12.97445583	318.6269226	25.12410355	6.081759453	1.069480031
2018-05-14T05:38:31+02:00	12.97430706	317.4129333	25.00846863	6.068945885	1.195107941
2018-05-14T05:48:31+02:00	12.97597599	315.479187	24.94856644	6.010233879	1.237210133
2018-05-14T05:58:31+02:00	12.97557354	314.8487244	24.8596077	6.029159546	0.952637001
2018-05-14T06:08:31+02:00	12.9757967	314.2121277	24.85141373	6.032585144	1.41184449
2018-05-14T06:18:31+02:00	12.97587204	313.6278687	24.78837967	5.996973038	1.045254702
2018-05-14T06:28:31+02:00	12.97552872	313.4793091	24.75619316	6.020069122	1.013986619
2018-05-14T06:38:31+02:00	12.97572231	312.6372375	24.73443604	5.995332718	1.054469014
2018-05-14T06:48:31+02:00	12.97712326	310.7374878	24.55994606	5.967468262	1.042612115
2018-05-14T06:58:31+02:00	12.97847939	310.1351929	24.54116821	5.97238636	1.072830266
2018-05-14T07:08:31+02:00	12.97879219	308.585022	24.40795517	5.910545349	1.095764763
2018-05-14T07:18:31+02:00	12.98059559	307.1746216	24.37770271	5.926639557	1.059447898
2018-05-14T07:28:31+02:00	12.98017788	307.0145874	24.34417725	5.902945518	1.192783575
2018-05-14T07:38:31+02:00	12.98169804	306.8742065	24.33597946	5.884916306	1.171746316
2018-05-14T07:48:31+02:00	12.983531	307.7304077	24.21513367	5.796699524	1.283309346
2018-05-14T07:58:31+02:00	12.98470783	306.1254272	24.11976624	5.808620453	1.035336165
2018-05-14T08:08:31+02:00	12.98587036	305.3864746	24.05494308	5.7718153	1.110172965
2018-05-14T08:18:31+02:00	12.98710728	304.410614	23.94139481	5.766750336	1.310103197
2018-05-14T08:28:31+02:00	12.988657	302.9084167	23.85199165	5.730836868	1.064354992
2018-05-14T08:38:31+02:00	12.9911747	302.1872253	23.69254684	5.70967865	1.035770726
2018-05-14T08:48:31+02:00	12.99458694	301.3886414	23.69999695	5.746186256	1.271835597
2018-05-14T08:58:31+02:00	12.9956007	299.8162842	23.58734512	5.69924736	1.176047586
2018-05-14T09:08:31+02:00	12.99773121	300.2944641	23.69254875	5.693584442	1.13631624
2018-05-14T09:18:31+02:00	12.99805927	300.2314148	23.69537735	5.691498756	1.186847408
2018-05-14T09:28:31+02:00	13.00027943	300.0695801	23.69612312	5.688964844	1.108650104
2018-05-14T09:38:31+02:00	13.00212765	299.2026367	23.5334053	5.694032669	1.348943456
2018-05-14T09:48:31+02:00	13.00194836	298.463562	23.51612091	5.664676666	1.275435085
2018-05-14T09:58:31+02:00	13.00247002	297.236908	23.43848228	5.61699295	1.149901285
2018-05-14T10:08:31+02:00	13.00294685	295.7809143	23.3474369	5.560666084	1.262927028
2018-05-14T10:18:31+02:00	13.00623989	294.828125	23.27129173	5.534290314	1.181728805
2018-05-14T10:28:31+02:00	13.00546551	293.4606323	23.15923691	5.551874161	1.173198616
2018-05-14T10:38:31+02:00	13.00452614	291.1278687	23.02154922	5.499868393	1.235992823
2018-05-14T10:48:31+02:00	13.00147152	290.3364563	22.92394638	5.47140789	1.226218134
2018-05-14T10:58:31+02:00	13.00045872	290.0694275	22.91157913	5.455465317	1.18808171
2018-05-14T11:08:31+02:00	13.0002346	288.8403625	22.93139839	5.469621658	2.030646722

2018-05-14T11:18:31+02:00	13.00263405	288.316925	22.10065651	5.390644073	1.702501953
2018-05-14T11:28:31+02:00	13.0061655	285.8988953	23.50986099	5.789548874	1.179151339
2018-05-14T11:38:31+02:00	13.00811768	271.1160583	23.43371582	5.629360199	1.374620501
2018-05-14T11:48:31+02:00	13.00707436	268.9242249	23.1350975	5.53592968	1.169133115
2018-05-14T11:58:31+02:00	13.00831127	267.2061157	23.04390144	5.431921005	1.233757361
2018-05-14T12:08:31+02:00	13.00959301	272.0129395	21.96967506	5.297363281	1.461585338
2018-05-14T12:18:31+02:00	13.00974178	272.7554626	21.96192741	5.410612106	1.448106858
2018-05-14T12:28:31+02:00	13.0092802	287.5767822	21.89114761	5.631148338	1.520111464
2018-05-14T12:38:31+02:00	13.01039791	285.9984131	21.74928665	5.58018589	1.594042844
2018-05-14T12:48:31+02:00	13.01579189	282.2732849	21.27185249	5.487353325	1.729473576
2018-05-14T12:58:31+02:00	13.01829529	280.391449	21.08469391	5.416721344	1.71306551
2018-05-14T13:08:31+02:00	13.01634312	279.7512817	20.94239044	5.456954002	1.644125911
2018-05-14T13:18:31+02:00	13.01681995	275.7173767	22.94093513	5.300788879	0.901079116
2018-05-14T13:28:31+02:00	13.01647758	275.2599182	22.87074661	5.336105347	0.900682384
2018-05-14T13:38:31+02:00	13.01844406	273.4081421	23.02840233	5.331932068	0.868834084
2018-05-14T13:48:31+02:00	13.02132034	270.8757019	22.90159416	5.311966896	0.934793971
2018-05-14T13:58:31+02:00	13.02152824	270.4494934	22.81427383	5.271882057	0.873719685
2018-05-14T14:08:31+02:00	13.02099228	269.3931885	22.71577835	5.259512901	1.01440338
2018-05-14T14:18:31+02:00	13.01914406	268.3416138	22.68135452	5.223453522	1.087738555
2018-05-14T14:28:31+02:00	13.01834011	267.2748108	22.57406616	5.200803757	0.826710046
2018-05-14T14:38:31+02:00	13.02058983	264.7894592	22.36187363	5.180686951	1.043517519
2018-05-14T14:48:31+02:00	13.02227402	263.2662964	22.27142715	5.167275429	0.766829708
2018-05-14T14:58:31+02:00	13.02219963	262.2962036	22.16368866	5.167126656	0.795822692
2018-05-14T15:08:31+02:00	13.02251244	260.6993713	22.06310654	5.074738503	0.838579096
2018-05-14T15:18:31+02:00	13.02202034	260.1820068	22.00156403	5.071311951	0.891644956
2018-05-14T15:28:31+02:00	13.02221394	258.7401733	21.91990471	5.058942795	0.886793651
2018-05-14T15:38:31+02:00	13.02257156	258.4064026	21.85255051	5.051940918	0.863535184
2018-05-14T15:48:31+02:00	13.0196209	259.2034607	21.86283493	5.077273369	1.05595354
2018-05-14T15:58:31+02:00	13.01750565	268.6998291	21.71873856	5.496441841	1.565717264
2018-05-14T16:08:31+02:00	13.01656628	262.492157	21.90217209	5.530416489	1.47968295
2018-05-14T16:18:31+02:00	13.01607513	264.9682617	22.2849865	5.254447937	1.250566992
2018-05-14T16:28:31+02:00	13.01684952	265.8452148	22.16219902	5.711466789	0.925424231
2018-05-14T16:38:31+02:00	13.01689434	263.2865295	21.97205925	5.663783073	0.927138757
2018-05-14T16:48:31+02:00	13.0194273	261.1123047	21.78624344	5.588978767	1.105695927
2018-05-14T16:58:31+02:00	13.01820564	259.2220764	21.73274803	5.517601013	1.048060558
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2018-05-14T17:38:31+02:00	13.02272034	255.8639679	21.40626144	5.450993538	1.336855239
2018-05-14T17:48:31+02:00	13.02407646	254.440155	21.2499485	5.525350571	1.854995793
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2018-05-14T18:28:31+02:00	13.0310955	251.9117279	21.05519104	5.433113098	1.05553733
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2018-05-14T18:48:31+02:00	13.03318119	250.6131134	20.91884613	5.365162849	1.398012686
2018-05-14T18:58:31+02:00	13.03407574	250.1277771	20.90468979	5.517453194	6.216297454
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2018-05-14T19:18:31+02:00	13.03657913	257.4545288	20.95103455	5.378871918	0.934017433
2018-05-14T19:28:31+02:00	13.03698158	255.6296997	20.85700798	5.338788033	0.904669739

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2018-05-14T19:58:31+02:00	13.03938007	250.8468781	20.51398087	5.279333115	0.875991928
2018-05-14T20:08:31+02:00	13.0405426	250.1887207	20.460186	5.266516685	0.932500912
2018-05-14T20:18:31+02:00	13.04049778	249.130722	20.40699005	5.256534576	1.110299176
2018-05-14T20:28:31+02:00	13.04097462	248.4478149	20.3192215	5.203037262	0.772313435
2018-05-14T20:38:31+02:00	13.03991699	248.6828003	20.35275078	5.193055153	0.909342544
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2018-05-14T21:28:31+02:00	13.04066181	248.9312134	20.36034966	5.122423172	0.949963817
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2018-05-14T21:48:31+02:00	13.04265881	247.3966827	20.26259804	5.365163803	1.027211845
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2018-05-14T22:38:31+02:00	13.04626465	240.278244	19.80185699	5.180538177	1.091633678
2018-05-14T22:48:31+02:00	13.04771042	237.7972107	19.63391876	5.174577713	1.192456842
2018-05-14T22:58:31+02:00	13.04882813	236.4557953	19.60009193	5.128829956	1.104952655
2018-05-14T23:08:31+02:00	13.04939365	234.532196	19.48773956	5.059540749	1.676912802
2018-05-14T23:18:31+02:00	13.05061531	232.2568054	19.40846443	5.071759224	1.100929346
2018-05-14T23:28:31+02:00	13.05119705	231.1098633	19.30221939	5.029737473	1.163398942
2018-05-14T23:38:31+02:00	13.05127144	230.5758057	19.28731918	4.997402191	1.222112703
2018-05-14T23:48:31+02:00	13.05118179	230.9541473	19.23590851	5.044787407	1.106348271
2018-05-14T23:58:31+02:00	13.05213547	230.4342346	19.22488403	5.038529396	1.193183278
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2018-05-15T00:18:31+02:00	13.05374527	228.1022034	19.09404945	4.986970901	1.258073325
2018-05-15T00:28:31+02:00	13.05374527	227.1713409	18.99063492	4.988908768	1.146182654
2018-05-15T00:38:31+02:00	13.0535965	226.3765106	18.95964241	4.955976486	1.152567835
2018-05-15T00:48:31+02:00	13.05314922	226.1728058	18.96187592	4.923790932	1.163798418
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2018-05-15T01:08:31+02:00	13.05234432	225.0851593	18.81167221	4.923789978	1.207546283
2018-05-15T01:18:31+02:00	13.05314922	227.5857239	18.75087547	4.920660019	1.24151629
2018-05-15T01:28:31+02:00	13.0535965	227.3365784	18.69454956	4.913806915	1.977749282
2018-05-15T01:38:31+02:00	13.05347633	226.40065	18.61930084	4.897712708	1.671148682
2018-05-15T01:48:31+02:00	13.05474377	225.5837555	18.59292412	4.848093033	1.343190309
2018-05-15T01:58:31+02:00	13.05425167	225.0470276	18.57832146	4.857778549	1.29949663
2018-05-15T02:08:31+02:00	13.0536108	224.4804688	18.57221031	4.838109016	1.285528213
2018-05-15T02:18:31+02:00	13.05508614	223.6780548	18.41261864	4.74721241	1.254874213
2018-05-15T02:28:31+02:00	13.05481815	223.1395111	18.33662415	4.74631691	1.503754545
2018-05-15T02:38:31+02:00	13.05495167	223.1961365	18.34929085	4.732758522	1.307883356
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2018-05-15T02:58:31+02:00	13.05596542	221.9367065	18.27150536	4.693864822	1.274654005
2018-05-15T03:08:31+02:00	13.05694866	221.4624023	18.17479706	4.683286667	1.298896827
2018-05-15T03:18:31+02:00	13.05608463	220.4476318	18.09358597	4.658996582	1.307938316
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2018-05-15T03:38:31+02:00	13.05755997	222.6565857	17.98793602	4.761070251	1.374037634
2018-05-15T03:48:31+02:00	13.0574255	221.5880127	17.91193962	4.750638962	1.227180826

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2018-05-15T04:18:31+02:00	13.05863285	218.2531281	18.33260155	4.807859421	1.08851774
2018-05-15T04:28:31+02:00	13.05884171	216.6624451	18.50694275	4.785358429	0.603555324
2018-05-15T04:38:31+02:00	13.0595417	215.525177	18.3276825	4.751831055	1.757371328
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2018-05-15T04:58:31+02:00	13.06012249	214.3955231	18.20713234	4.704146385	0.645818416
2018-05-15T05:08:31+02:00	13.05995846	214.2958374	18.2016201	4.648118019	0.882158512
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2018-05-15T05:28:31+02:00	13.06088257	210.552063	17.93503761	4.608929634	0.781809059
2018-05-15T05:38:31+02:00	13.0620451	211.9575348	17.82387543	4.590600014	2.168745687
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2018-05-15T05:58:31+02:00	13.06244755	209.4398346	17.64893532	4.530996323	1.283982073
2018-05-15T06:08:31+02:00	13.06161308	208.4240265	17.57770729	4.515201569	0.940554205
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2018-05-15T07:08:31+02:00	13.06348991	201.7925568	17.14050674	4.384963989	0.866833589
2018-05-15T07:18:31+02:00	13.06459332	200.2711639	17.06615067	4.35590744	0.967072098
2018-05-15T07:28:31+02:00	13.06492043	199.2794952	16.97808456	4.33817482	0.929179179
2018-05-15T07:38:31+02:00	13.06559181	199.2094421	16.97108269	4.309862137	0.915063708
2018-05-15T07:48:31+02:00	13.0653677	197.7525635	16.85261917	4.290341377	0.928601473
2018-05-15T07:58:31+02:00	13.06626225	195.7656403	16.69481468	3.973245621	0.974643756
2018-05-15T08:08:31+02:00	13.06651497	194.2744904	16.5784359	3.920196533	1.075311799
2018-05-15T08:18:31+02:00	13.06702232	193.8694763	16.53447723	3.904401779	0.921886338
2018-05-15T08:28:31+02:00	13.06594944	193.4021759	16.46488953	3.898739815	0.962193106
2018-05-15T08:38:31+02:00	13.0664854	192.1518097	16.36281586	3.862679482	0.983048269
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2018-05-15T09:18:31+02:00	13.06824398	189.3460846	16.09802246	3.806501389	1.030125003
2018-05-15T09:28:31+02:00	13.06781197	188.3818207	15.98730755	3.799348831	0.946261125
2018-05-15T09:38:31+02:00	13.06812477	187.6035309	15.9654026	3.777442932	0.967813153
2018-05-15T09:48:31+02:00	13.06836319	186.7589417	15.85647392	3.748983383	1.224201652
2018-05-15T09:58:31+02:00	13.06888485	185.4304962	15.76140594	3.728866577	0.928709619
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2018-05-15T10:18:31+02:00	13.07041931	183.3406067	15.65247917	3.723502159	0.952131576
2018-05-15T10:28:31+02:00	13.0728035	182.3678741	15.56888199	3.705174446	1.156994748
2018-05-15T10:38:31+02:00	13.07426357	181.3219452	15.5204525	3.657938004	1.158082958
2018-05-15T10:48:31+02:00	13.07536697	180.7530212	15.48543549	3.657787323	1.190151649
2018-05-15T10:58:31+02:00	13.07621574	181.0672913	15.47202492	3.627837181	1.601080376
2018-05-15T11:08:31+02:00	13.07845116	180.4105988	15.56322098	3.610850334	0.868708098
2018-05-15T11:18:31+02:00	13.07933044	179.0281982	15.49065208	3.61233902	1.107399649
2018-05-15T11:28:31+02:00	13.08120823	177.5114288	15.37889194	3.577620506	0.959176621
2018-05-15T11:38:31+02:00	13.08365154	176.5066376	15.28054428	3.654956818	1.106003539
2018-05-15T11:48:31+02:00	13.085186	175.1522675	15.22600651	3.607274055	0.782654422
2018-05-15T11:58:31+02:00	13.08841991	174.4562378	15.18860531	3.605633736	1.166520047
2018-05-15T12:08:31+02:00	13.09111691	173.3092957	15.11171532	3.57538414	0.760466068

2018-05-15T12:18:31+02:00	13.0918026	171.7771606	15.01038647	3.554672241	0.71351138
2018-05-15T12:28:31+02:00	13.09402275	171.3489075	14.80772972	3.376454353	1.01552495
2018-05-15T12:38:31+02:00	13.09770393	170.4916382	14.77479935	3.399847984	1.009247853
2018-05-15T12:48:31+02:00	13.10189056	169.9742737	14.83514977	3.738105774	1.082194647
2018-05-15T12:58:31+02:00	13.1031723	168.7216797	14.74693298	3.716945648	1.048259824
2018-05-15T13:08:31+02:00	13.10479641	167.6468658	14.70148659	3.678351402	1.209616062
2018-05-15T13:18:31+02:00	13.10691261	166.2117157	14.59106731	3.631264687	1.064626644
2018-05-15T13:28:31+02:00	13.10853672	165.3936462	14.54159546	3.636628151	1.048422481
2018-05-15T13:38:31+02:00	13.11056328	164.3009491	14.45531845	3.622323036	1.085491975
2018-05-15T13:48:31+02:00	13.11214256	162.6940155	14.31852627	3.554970741	1.133505712
2018-05-15T13:58:31+02:00	13.11470604	162.1604004	14.27173615	3.570466042	1.055048358
2018-05-15T14:08:31+02:00	13.1169405	161.0088348	14.20274448	3.52129364	1.228779771
2018-05-15T14:18:31+02:00	13.1193552	161.1915131	14.23269463	3.447383881	1.061765562
2018-05-15T14:28:31+02:00	13.12570286	159.3369141	14.13837051	3.415941238	1.019197334
2018-05-15T14:38:31+02:00	13.13127613	158.0207062	14.03257179	3.427864075	1.08726734
2018-05-15T14:48:31+02:00	13.13738537	156.8020782	14.1119957	3.371536255	0.958164698
2018-05-15T14:58:31+02:00	13.13728142	155.7159424	14.01454258	3.341286659	1.260618324
2018-05-15T15:08:31+02:00	13.13951588	156.3428345	13.86135769	3.433971405	1.272544491
2018-05-15T15:18:31+02:00	13.14647484	155.8385773	13.62964439	3.369600296	1.173743123
2018-05-15T15:28:31+02:00	13.14587879	154.8056335	13.7890873	3.373325348	1.291948343
2018-05-15T15:38:31+02:00	13.14586449	154.154007	13.62785721	3.454387665	1.178498049
2018-05-15T15:48:31+02:00	13.15027428	152.469574	13.5283165	3.43844223	1.082231283
2018-05-15T15:58:31+02:00	13.15240574	151.9400024	13.49344921	3.415495872	1.174668613
2018-05-15T16:08:31+02:00	13.15191364	151.2682495	13.59447861	3.411323547	0.974498945
2018-05-15T16:18:31+02:00	13.1516304	150.2668915	13.47720623	3.391056061	1.100675581
2018-05-15T16:28:31+02:00	13.1531353	148.794342	13.37930584	3.356040001	1.023448036
2018-05-15T16:38:31+02:00	13.15440273	148.1948853	13.33832741	3.159790993	1.099389145
2018-05-15T16:48:31+02:00	13.15455151	147.2219849	13.3401165	3.156215668	1.032929942
2018-05-15T16:58:31+02:00	13.15371704	146.1590729	13.18559074	3.234148979	0.963079314
2018-05-15T17:08:31+02:00	13.1540451	145.0787506	13.08664703	3.211499214	1.137023771
2018-05-15T17:18:31+02:00	13.15470028	143.838089	13.13835335	3.145784378	0.9970777
2018-05-15T17:28:31+02:00	13.15434265	143.0383301	13.12062263	3.151893616	1.238681919
2018-05-15T17:38:31+02:00	13.15428352	143.4333649	13.00886345	3.205835342	1.425296781
2018-05-15T17:48:31+02:00	13.15312099	143.4925232	12.96132755	3.291517258	1.006716145
2018-05-15T17:58:31+02:00	13.15332985	142.9872284	12.94433975	3.240406036	0.931129112
2018-05-15T18:08:31+02:00	13.15315056	142.1047668	12.8531456	3.253667831	0.953070756
2018-05-15T18:18:31+02:00	13.15291214	141.0128174	12.90261841	3.352016449	0.969168548
2018-05-15T18:28:31+02:00	13.15344906	140.5677185	12.55124855	3.301351547	1.324078178
2018-05-15T18:38:31+02:00	13.15283775	140.0460205	12.56391335	3.2682724	1.372252696
2018-05-15T18:48:31+02:00	13.15335941	139.5742645	12.51280212	3.231913567	1.1759384
2018-05-15T18:58:31+02:00	13.15282249	139.0057831	12.42801571	3.242939949	1.128518739
2018-05-15T19:08:31+02:00	13.15213776	138.7488861	12.40342712	3.224312782	1.297477445
2018-05-15T19:18:31+02:00	13.15188408	138.2292786	12.7696991	3.263355255	0.952077011
2018-05-15T19:28:31+02:00	13.15002155	137.7248688	12.67448139	3.197044373	1.026813495
2018-05-15T19:38:31+02:00	13.14963436	137.958374	12.39433956	3.217459679	1.121575039
2018-05-15T19:48:31+02:00	13.14827824	137.5964355	12.38525009	3.201663971	1.044023978
2018-05-15T19:58:31+02:00	13.14605808	136.9614868	12.35574436	3.181099892	1.163127207
2018-05-15T20:08:31+02:00	13.14456749	136.3562012	12.2775135	3.207624435	1.333378564
2018-05-15T20:18:31+02:00	13.14359856	134.6792297	12.68386745	3.115385056	0.674240887
2018-05-15T20:28:31+02:00	13.14216805	134.7445068	12.76269627	3.113150597	0.782060456

2018-05-15T20:38:31+02:00	13.1418705	134.5852051	12.70621872	3.122835159	0.549657284
2018-05-15T20:48:31+02:00	13.13970947	134.7389679	12.76344013	3.10286808	0.602017192
2018-05-15T20:58:31+02:00	13.13889027	134.1052246	12.71426582	3.114640236	0.739334112
2018-05-15T21:08:31+02:00	13.13780212	133.3506317	12.69891834	3.084391594	0.701074118
2018-05-15T21:18:31+02:00	13.13641644	133.3120422	12.59684658	3.044157028	0.70491415
2018-05-15T21:28:31+02:00	13.13516521	132.9813995	12.56197548	3.037899971	0.635806478
2018-05-15T21:38:31+02:00	13.13464355	132.235733	12.60831833	3.033727646	0.699081923
2018-05-15T21:48:31+02:00	13.1337347	131.8536682	12.60176277	3.020167351	0.764456786
2018-05-15T21:58:31+02:00	13.1331234	131.4899292	12.60340118	2.993345261	0.671659204
2018-05-15T22:08:31+02:00	13.13257217	131.0607758	12.5972929	2.984405518	0.658933307
2018-05-15T22:18:31+02:00	13.13228893	130.7032928	12.59490776	2.98649025	0.66509831
2018-05-15T22:28:31+02:00	13.13158894	130.3762207	12.58268929	2.977252007	0.785262463
2018-05-15T22:38:31+02:00	13.13084412	129.9041595	12.53962517	3.002733231	0.881869988
2018-05-15T22:48:31+02:00	13.13139534	129.4225464	12.56331825	3.058016777	0.817905278
2018-05-15T22:58:31+02:00	13.13064957	129.4456482	12.52219009	3.063827515	0.927897145
2018-05-15T23:08:31+02:00	13.13050079	128.8712006	12.45632744	3.06785202	0.840542178
2018-05-15T23:18:31+02:00	13.1298151	128.3590546	12.4663105	3.086627007	0.889083716
2018-05-15T23:28:31+02:00	13.12942791	127.806366	12.41519928	2.966075897	0.869230965
2018-05-15T23:38:31+02:00	13.12774467	128.1452179	12.71203136	2.98500061	0.557620905
2018-05-15T23:48:31+02:00	13.12772942	129.1604462	12.82885742	3.020913124	0.51951977
2018-05-15T23:58:31+02:00	13.12871265	128.7487183	12.77908611	2.99557972	0.41563349
2018-05-16T00:08:31+02:00	13.12761021	127.3472672	12.72782707	2.9404459	0.656621685
2018-05-16T00:18:31+02:00	13.12746143	126.9435959	12.69847202	2.941936493	0.616938269
2018-05-16T00:28:31+02:00	13.12786293	126.6956329	12.71680069	2.944619179	0.644170359
2018-05-16T00:38:31+02:00	13.12813187	126.3034286	12.73751259	2.915709496	0.625672718
2018-05-16T00:48:31+02:00	13.12863827	126.0712662	12.70860386	2.895892143	0.801598248
2018-05-16T00:58:31+02:00	13.12833977	124.803772	12.66777515	2.889633179	0.605684297
2018-05-16T01:08:31+02:00	13.1285038	123.9298248	12.62888336	2.891273499	0.642128523
2018-05-16T01:18:31+02:00	13.12853432	122.9122314	11.9094553	2.834648132	2.877118714
2018-05-16T01:28:31+02:00	13.12898064	122.3894882	11.97427368	2.835988045	1.207510021
2018-05-16T01:38:31+02:00	13.12926388	124.3615189	12.44112778	2.93061161	0.984259291
2018-05-16T01:48:31+02:00	13.12984562	124.0451584	12.30776215	2.887248039	0.995685343
2018-05-16T01:58:31+02:00	13.13075447	124.4346771	12.29599094	2.775341034	0.947398993
2018-05-16T02:08:31+02:00	13.13047123	124.2725601	12.64512634	2.837778091	0.539678823
2018-05-16T02:18:31+02:00	13.1309185	123.7748489	12.64765835	2.917349815	0.458925769
2018-05-16T02:28:31+02:00	13.13032246	123.6706924	12.65391827	2.900362968	0.580239386
2018-05-16T02:38:31+02:00	13.13066483	123.1552658	12.65570545	2.885460854	0.524620572
2018-05-16T02:48:31+02:00	13.13066483	122.5726242	12.64229298	2.900808334	0.6068828
2018-05-16T02:58:31+02:00	13.12926388	122.007431	12.64825535	2.834945679	0.661890174
2018-05-16T03:08:31+02:00	13.12908554	121.1307907	12.62396526	2.840459824	0.580560819
2018-05-16T03:18:31+02:00	13.12768459	121.1749039	12.64900017	2.823770523	0.55267465
2018-05-16T03:28:31+02:00	13.12534523	121.8260803	12.67298985	2.804548264	0.698920697
2018-05-16T03:38:31+02:00	13.12412357	122.6267242	12.80993176	2.942978859	0.75451718
2018-05-16T03:48:31+02:00	13.12251377	119.4514389	12.94389343	3.050863266	0.597420455
2018-05-16T03:58:31+02:00	13.12254333	117.4372482	12.90276623	3.024935722	0.512619181
2018-05-16T04:08:31+02:00	13.12129211	121.9512558	12.62649918	2.873539925	0.862921954
2018-05-16T04:18:31+02:00	13.12077045	121.1529999	12.66077232	2.869218826	0.758776867
2018-05-16T04:28:31+02:00	13.12026405	120.4876709	12.65749359	2.868772507	0.835913392
2018-05-16T04:38:31+02:00	13.11972713	120.1097641	12.70398426	2.840907097	0.773410833
2018-05-16T04:48:31+02:00	13.11989117	118.1425171	12.59744072	2.813488007	0.94080708

2018-05-16T04:58:31+02:00	13.11899757	117.4612274	12.57851791	2.820492744	0.867698843
2018-05-16T05:08:31+02:00	13.11781979	117.4490128	12.57285595	2.779960632	0.870745609
2018-05-16T05:18:31+02:00	13.1182518	117.6179962	12.61696243	2.809464455	0.832959708
2018-05-16T05:28:31+02:00	13.1180439	118.930191	12.58820343	2.807229996	0.946261125
2018-05-16T05:38:31+02:00	13.11710453	118.3813782	12.60340118	2.812295914	0.81351334
2018-05-16T05:48:31+02:00	13.11665726	118.1174774	12.60653114	2.793073654	0.768052128
2018-05-16T05:58:31+02:00	13.11528683	117.9274902	12.63111877	2.797245979	0.879471392
2018-05-16T06:08:31+02:00	13.11495876	117.8373413	12.64125061	2.811847687	0.806025648
2018-05-16T06:18:31+02:00	13.11264896	117.7191772	12.89412308	2.790094376	0.819580156
2018-05-16T06:28:31+02:00	13.11163616	116.9644318	12.65257645	2.771467209	0.959465218
2018-05-16T06:38:31+02:00	13.11048889	117.4074402	12.84196854	2.789794922	0.646642248
2018-05-16T06:48:31+02:00	13.11099529	117.3724213	12.86700249	2.792776108	0.737861144
2018-05-16T06:58:31+02:00	13.1106081	117.3242874	12.8865242	2.80410099	0.724068057
2018-05-16T07:08:31+02:00	13.10953522	117.2849503	12.87192154	2.807079315	0.697611166
2018-05-16T07:18:31+02:00	13.11014557	116.4567413	12.75569248	2.780406952	0.729760711
2018-05-16T07:28:31+02:00	13.11004162	116.3329239	12.81797981	2.764165878	0.742370381
2018-05-16T07:38:31+02:00	13.10987759	116.4028015	12.85567856	2.760440826	0.920911344
2018-05-16T07:48:31+02:00	13.11166573	116.1506805	12.84405518	2.752542496	1.230196909
2018-05-16T07:58:31+02:00	13.11185932	115.6899338	12.83779716	2.762079239	0.836975778
2018-05-16T08:08:31+02:00	13.11200905	115.6063461	12.85135746	2.73138237	0.660599579
2018-05-16T08:18:31+02:00	13.11294746	115.5898056	12.84331131	2.711862564	0.709724118
2018-05-16T08:28:31+02:00	13.11418438	117.4940186	12.88816452	2.946257591	0.743915292
2018-05-16T08:38:31+02:00	13.1154356	117.2575455	12.87773323	2.893060684	0.670458161
2018-05-16T08:48:31+02:00	13.11688137	116.7385254	12.87281513	2.924948692	0.622862525
2018-05-16T08:58:31+02:00	13.11863995	116.821228	12.88056374	2.924054146	0.600550342
2018-05-16T09:08:31+02:00	13.12023354	120.8348541	13.13045692	2.987236977	0.720818296
2018-05-16T09:18:31+02:00	13.12354183	125.1131287	13.36753273	3.07738781	0.816465514
2018-05-16T09:28:31+02:00	13.12682056	127.3570938	13.48376179	3.07708931	0.640964375
2018-05-16T09:38:31+02:00	13.12993431	128.625473	13.54873276	3.13073349	0.709293586
2018-05-16T09:48:31+02:00	13.13413715	129.3669739	13.57600021	3.133863449	0.691152463
2018-05-16T09:58:31+02:00	13.13766861	130.3233185	13.63545704	3.124475479	0.689394601
2018-05-16T10:08:31+02:00	13.14134884	130.9731598	13.61519051	3.141016006	0.718555598
2018-05-16T10:18:31+02:00	13.14556599	131.0495911	13.63173103	3.159790993	0.671068085
2018-05-16T10:28:31+02:00	13.14978313	131.5271912	13.65318871	3.172456741	0.774003737
2018-05-16T10:38:31+02:00	13.15365696	131.0850677	13.59492493	3.139526367	0.83838081
2018-05-16T10:48:31+02:00	13.15867901	131.0574951	13.60475922	3.122091293	0.749880328
2018-05-16T10:58:31+02:00	13.16475868	131.0345459	13.5545435	3.138034821	0.777510721
2018-05-16T11:08:31+02:00	13.17146397	128.3137512	13.68507671	3.090649605	0.813207352
2018-05-16T11:18:31+02:00	13.17673874	127.9397278	13.66525841	3.100334167	0.866490723
2018-05-16T11:28:31+02:00	13.18164158	127.358139	13.58553696	3.107337952	0.830870227
2018-05-16T11:38:31+02:00	13.18541145	124.5485229	13.58524036	3.08677578	0.650637217
2018-05-16T11:48:31+02:00	13.19028473	124.0791473	13.50626278	3.060251236	0.815691733
2018-05-16T11:58:31+02:00	13.19582748	124.0228119	13.46409225	3.075600624	1.064554327
2018-05-16T12:08:31+02:00	13.20160961	125.0687256	13.42013454	3.111063004	0.825305903
2018-05-16T12:18:31+02:00	13.20746517	124.6862183	13.37200356	3.091395378	1.911667147
2018-05-16T12:28:31+02:00	13.2131424	123.6639862	13.33043098	3.046542168	0.843298594
2018-05-16T12:38:31+02:00	13.2193718	122.9162445	13.26993084	3.033281326	0.841677556
2018-05-16T12:48:31+02:00	13.22498894	122.4811401	13.30167007	3.015398979	0.854487672
2018-05-16T12:58:31+02:00	13.23068142	122.4559555	13.26009655	3.024487495	0.74767046
2018-05-16T13:08:31+02:00	13.2350769	122.4502945	13.16383553	2.978295326	0.801022403

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2018-05-16T13:28:31+02:00	13.24978447	121.3443222	13.07338524	2.936721802	0.892168121
2018-05-16T13:38:31+02:00	13.2632103	121.5276108	13.07263947	2.942383766	1.097957545
2018-05-16T13:48:31+02:00	13.2696476	122.086853	13.0712986	2.974720001	0.886126047
2018-05-16T13:58:31+02:00	13.2791996	121.4374619	13.03151321	2.927631378	1.072613277
2018-05-16T14:08:31+02:00	13.28946686	121.0860901	12.94225407	2.953558922	0.824189449
2018-05-16T14:18:31+02:00	13.29676819	120.5493469	12.89144135	2.917051315	0.833175486
2018-05-16T14:28:31+02:00	13.30225182	119.9333344	12.82930374	2.911984444	0.893719185
2018-05-16T14:38:31+02:00	13.30505276	119.536972	12.77342415	2.889632225	1.037164312
2018-05-16T14:48:31+02:00	13.30591774	118.6536331	12.70905113	2.879798889	0.878642349
2018-05-16T14:58:31+02:00	13.30780983	118.3798904	12.67150116	2.872496605	1.122137089
2018-05-16T15:08:31+02:00	13.31314468	118.1519089	12.62023926	2.887101173	0.86850966
2018-05-16T15:18:31+02:00	13.31795788	117.5510941	12.5688324	2.855508804	1.133885918
2018-05-16T15:28:31+02:00	13.32579517	117.0395355	12.53008842	2.854167938	0.862020815
2018-05-16T15:38:31+02:00	13.33202457	116.4288788	12.44530106	2.80246067	0.912446953
2018-05-16T15:48:31+02:00	13.34193325	115.8148117	12.3794384	2.807676315	1.211033155
2018-05-16T15:58:31+02:00	13.3541975	115.1096802	12.34039688	2.781747818	0.89563143
2018-05-16T16:08:31+02:00	13.36483669	114.4623718	12.25471592	2.75060463	0.948139249
2018-05-16T16:18:31+02:00	13.37325573	114.0102768	12.21790886	2.76759243	1.01422232
2018-05-16T16:28:31+02:00	13.37875462	113.678421	12.16784096	2.744048119	1.020408869
2018-05-16T16:38:31+02:00	13.38794804	113.3096237	12.11881638	2.741516113	0.944762198
2018-05-16T16:48:31+02:00	13.39580154	112.7445679	12.03641224	2.747625351	1.253129322
2018-05-16T16:58:31+02:00	13.39863205	112.1476288	11.94238663	2.680273056	1.247640492
2018-05-16T17:08:31+02:00	13.40082264	111.4457855	11.84493351	2.655387878	0.988416908
2018-05-16T17:18:31+02:00	13.409585	110.5482864	11.81125641	2.622753143	1.121701743
2018-05-16T17:28:31+02:00	13.4165287	109.9430008	11.85357571	2.613217354	1.127213472
2018-05-16T17:38:31+02:00	13.42256355	109.2587433	11.73704815	2.602786064	1.139381353
2018-05-16T17:48:31+02:00	13.43202591	146.203949	11.43172455	2.631991386	1.755246215
2018-05-16T17:58:31+02:00	13.44376755	109.3099976	11.46674156	2.620518684	1.413703871
2018-05-16T18:08:31+02:00	13.45038414	108.6288681	11.63378334	2.518296242	1.112945973
2018-05-16T18:18:31+02:00	13.45196342	109.7556915	11.64928055	2.46852684	0.775173001
2018-05-16T18:28:31+02:00	13.45312595	108.8292847	11.71916771	2.450048447	0.666729573
2018-05-16T18:38:31+02:00	13.45042896	108.2199783	11.55331707	2.415925026	1.57046768
2018-05-16T18:48:31+02:00	13.44425964	108.0192566	11.56643009	2.646892548	1.169441582
2018-05-16T18:58:31+02:00	13.43822479	108.5962296	11.45914078	2.638845444	0.716276048
2018-05-16T19:08:31+02:00	13.43017769	107.7328644	11.32100868	2.684594154	0.590285616
2018-05-16T19:18:31+02:00	13.42484379	107.0964355	11.26035976	2.693532944	1.019214932
2018-05-16T19:28:31+02:00	13.41898727	106.4152985	11.19673347	2.651363373	0.836543719
2018-05-16T19:38:31+02:00	13.41454697	105.4927673	11.12476063	2.675652504	1.289256166
2018-05-16T19:48:31+02:00	13.41232681	104.6538391	11.08869839	2.628117561	0.901692465
2018-05-16T19:58:31+02:00	13.4092865	103.7713852	11.01464081	2.619475365	0.782024542
2018-05-16T20:08:31+02:00	13.40633583	102.8241196	10.92061329	2.641529083	0.795858619
2018-05-16T20:18:31+02:00	13.40319252	102.4709625	10.86682129	2.58639431	1.440284089
2018-05-16T20:28:31+02:00	13.40027142	101.4846573	10.79112244	2.561211586	0.803416137
2018-05-16T20:38:31+02:00	13.40067387	100.9930725	10.73330688	2.526492119	0.940879198
2018-05-16T20:48:31+02:00	13.39353657	100.0398407	10.66833687	2.51486969	0.92822204
2018-05-16T20:58:31+02:00	13.38957214	99.34394836	10.57744122	2.484917641	0.948410663
2018-05-16T21:08:31+02:00	13.38572788	98.21907043	10.5199213	2.464652061	0.86960939
2018-05-16T21:18:31+02:00	13.38064671	97.57861328	10.4661293	2.455115318	0.888650625
2018-05-16T21:28:31+02:00	13.37607193	96.7773819	10.39996815	2.435744286	0.859479925

2018-05-16T21:38:31+02:00	13.37212372	95.77185059	10.34677029	2.393126488	1.063522428
2018-05-16T21:48:31+02:00	13.3672657	94.9203949	10.21727848	2.397000313	1.349107521
2018-05-16T21:58:31+02:00	13.36535835	94.34416962	10.16989422	2.408623695	0.877452361
2018-05-16T22:08:31+02:00	13.36666965	93.09664917	10.13502598	2.360791206	0.938983365
2018-05-16T22:18:31+02:00	13.36106682	92.92871094	10.04740715	2.366304398	0.998144216
2018-05-16T22:28:31+02:00	13.3582201	91.96803284	9.980946541	2.346783638	1.037616495
2018-05-16T22:38:31+02:00	13.35652161	91.44231415	9.927899361	2.354829788	0.941312372
2018-05-16T22:48:31+02:00	13.35327339	90.75999451	9.879916191	2.32189846	0.972457292
2018-05-16T22:58:31+02:00	13.34919071	90.1590271	9.8367033	2.313405991	1.027085392
2018-05-16T23:08:31+02:00	13.34600163	89.60932159	9.787082672	2.315341949	1.026488332
2018-05-16T23:18:31+02:00	13.34312534	88.99733734	9.759069443	2.274810791	0.935715205
2018-05-16T23:28:31+02:00	13.34144211	88.51647949	9.692908287	2.255588531	0.989194422
2018-05-16T23:38:31+02:00	13.33858109	87.83280945	9.651929855	2.244114876	0.976017407
2018-05-16T23:48:31+02:00	13.3338871	87.37101746	9.606629372	2.253949165	1.04315517
2018-05-16T23:58:31+02:00	13.32692814	87.02024841	9.562074661	2.240092278	0.926290728
2018-05-17T00:08:31+02:00	13.31724262	86.27086639	9.512454033	2.175719261	1.158463814
2018-05-17T00:18:31+02:00	13.30967236	85.60821533	9.46491909	2.194941521	1.037236586
2018-05-17T00:28:31+02:00	13.30368233	85.1702652	9.441972733	2.201795578	1.167354821
2018-05-17T00:38:31+02:00	13.30018044	84.84854889	9.406507492	2.202987671	1.300151856
2018-05-17T00:48:31+02:00	13.29828835	84.30450439	9.343029022	2.181381226	0.993714454
2018-05-17T00:58:31+02:00	13.29913712	83.72605133	9.305179596	2.200753212	1.061620473
2018-05-17T01:08:31+02:00	13.30177498	83.33146667	9.270310402	2.166480064	1.025999667
2018-05-17T01:18:31+02:00	13.30195332	82.94418335	9.227246284	2.16886425	0.992991477
2018-05-17T01:28:31+02:00	13.30004597	82.41400146	9.173601151	2.154856682	1.044331656
2018-05-17T01:38:31+02:00	13.29740906	82.00034332	9.139777184	2.147256851	1.131800624
2018-05-17T01:48:31+02:00	13.29530811	81.52410889	9.101926804	2.140850067	1.209779714
2018-05-17T01:58:31+02:00	13.29480076	81.08079529	9.087026596	2.14204216	1.164451521
2018-05-17T02:08:31+02:00	13.29657459	80.66758728	9.064971924	2.105981827	1.029925814
2018-05-17T02:18:31+02:00	13.30174541	80.68531799	9.132922173	2.121775627	1.262509118
2018-05-17T02:28:31+02:00	13.30530643	80.02191925	8.987634659	2.110749245	1.087357779
2018-05-17T02:38:31+02:00	13.30693054	79.29756927	8.946656227	2.100170135	1.147017093
2018-05-17T02:48:31+02:00	13.30804825	79.22649384	8.891820908	2.092570305	1.063558122
2018-05-17T02:58:31+02:00	13.30988121	78.68260193	8.874386787	2.079307556	1.041743333
2018-05-17T03:08:31+02:00	13.31105804	78.41288757	8.843391418	2.070516586	0.963837878
2018-05-17T03:18:31+02:00	13.31123734	78.03604126	8.796154976	2.083331108	0.974860743
2018-05-17T03:28:31+02:00	13.30989647	77.71268463	8.783937454	2.082139015	0.946586161
2018-05-17T03:38:31+02:00	13.30810738	77.3796463	8.738786697	2.109110832	1.009754396
2018-05-17T03:48:31+02:00	13.30709457	77.1740036	8.700342178	2.064853668	1.103919423
2018-05-17T03:58:31+02:00	13.30606651	77.05778503	8.663534164	2.100467682	1.159044392
2018-05-17T04:08:31+02:00	13.3048296	76.74291992	8.633584976	2.102255821	1.064173736
2018-05-17T04:18:31+02:00	13.30286217	76.42536926	8.621214867	2.097486496	1.000965235
2018-05-17T04:28:31+02:00	13.30117893	76.23896027	8.644760132	2.067536354	0.955726098
2018-05-17T04:38:31+02:00	13.29877949	75.68984985	8.608846664	2.075732231	0.962139453
2018-05-17T04:48:31+02:00	13.2977066	75.46827698	8.6040802	2.063959122	1.101943957
2018-05-17T04:58:31+02:00	13.29715538	75.07011414	8.55892849	2.063066483	1.189461506
2018-05-17T05:08:31+02:00	13.29694653	74.78326416	8.543878555	2.035797119	0.969403549
2018-05-17T05:18:31+02:00	13.29818344	74.30553436	8.492171288	2.028643608	1.018835176
2018-05-17T05:28:31+02:00	13.30043411	74.07039642	8.46594429	2.03236866	2.427654648
2018-05-17T05:38:31+02:00	13.30183411	73.40892792	8.350758553	1.998394012	1.330666242
2018-05-17T05:48:31+02:00	13.30180454	72.65999603	8.386521339	2.005993843	1.197922323

2018-05-17T05:58:31+02:00	13.29958439	72.13503265	8.338838577	2.006292343	1.24258858
2018-05-17T06:08:31+02:00	13.29721546	71.78500366	8.272527695	1.970678329	1.543832647
2018-05-17T06:18:31+02:00	13.29478645	71.3968277	8.229314804	1.946836472	1.40120163
2018-05-17T06:28:31+02:00	13.29776669	71.07749939	8.265523911	1.968443871	1.282618005
2018-05-17T06:38:31+02:00	13.29474163	70.78483582	8.236020088	1.96158886	1.155815067
2018-05-17T06:48:31+02:00	13.29463768	70.29980469	8.200704575	1.958758354	1.143588876
2018-05-17T06:58:31+02:00	13.29635048	70.01145935	8.156149864	1.918971062	1.187410648
2018-05-17T07:08:31+02:00	13.29834747	69.54550934	8.120388031	1.930148125	1.145076126
2018-05-17T07:18:31+02:00	13.30193901	69.06435394	8.070171356	1.912564278	1.173071318
2018-05-17T07:28:31+02:00	13.30637932	68.58750916	8.057654381	1.890808105	1.172435759
2018-05-17T07:38:31+02:00	13.30959797	68.07073975	8.014440536	1.899451256	1.192784039
2018-05-17T07:48:31+02:00	13.31235504	67.59539032	7.963926315	1.882464409	1.617040736
2018-05-17T07:58:31+02:00	13.31762981	67.29081726	7.930397987	1.890659332	1.203605467
2018-05-17T08:08:31+02:00	13.32238293	66.87000275	7.923841476	1.899898529	1.209162303
2018-05-17T08:18:31+02:00	13.32560158	66.43489075	7.892251015	1.868308067	1.233648986
2018-05-17T08:28:31+02:00	13.32922268	65.93868256	7.843821526	1.86160183	1.495504773
2018-05-17T08:38:31+02:00	13.33451271	65.35575104	7.822067261	1.857578278	1.233321536
2018-05-17T08:48:31+02:00	13.34025002	64.9604187	7.791519165	1.857876778	1.218243804
2018-05-17T08:58:31+02:00	13.34419823	64.50593567	7.727294922	1.870393753	1.220913872
2018-05-17T09:08:31+02:00	13.34810257	64.19941711	7.710010529	1.867115974	1.263545056
2018-05-17T09:18:31+02:00	13.35191727	63.72824097	7.693320274	1.849383354	1.290802452
2018-05-17T09:28:31+02:00	13.3580265	63.20595551	7.667093277	1.838505745	1.321930932
2018-05-17T09:38:31+02:00	13.36379337	62.79185486	7.632225037	1.832842827	1.234138769
2018-05-17T09:48:31+02:00	13.36924744	62.43824768	7.59735775	1.829117775	1.318327523
2018-05-17T09:58:31+02:00	13.37504387	61.93041611	7.572471619	1.809447289	1.303008023
2018-05-17T10:08:31+02:00	13.38066196	61.50350189	7.549822807	1.825690269	1.587901578
2018-05-17T10:18:31+02:00	13.38610077	61.12575912	7.499754906	1.795440674	1.369629476
2018-05-17T10:28:31+02:00	13.39544392	60.71046448	7.487833977	1.803338051	1.358812384
2018-05-17T10:38:31+02:00	13.40436935	60.30500031	7.44298172	1.78769207	1.295440638
2018-05-17T10:48:31+02:00	13.40864563	59.78956985	7.413924217	1.778453827	1.413995498
2018-05-17T10:58:31+02:00	13.41226673	59.36086273	7.348655701	1.756400108	1.707005498
2018-05-17T11:08:31+02:00	13.41427898	59.10307312	7.322877884	1.775622368	1.297059274
2018-05-17T11:18:31+02:00	13.42436695	58.74991226	7.308124542	1.767724991	1.392200158
2018-05-17T11:28:31+02:00	13.44530296	58.01945877	7.277428627	1.743585587	1.442216697
2018-05-17T11:38:31+02:00	13.46264744	57.36038208	7.270872116	1.736134529	1.936877257
2018-05-17T11:48:31+02:00	13.47392845	56.80113983	7.231384277	1.734643936	1.381852269
2018-05-17T11:58:31+02:00	13.48820305	56.30254745	7.219760895	1.710354805	1.391544354
2018-05-17T12:08:31+02:00	13.52018166	55.77683258	7.131994247	1.713633537	1.422270828
2018-05-17T12:18:31+02:00	13.55561638	55.03430939	7.088482857	1.685321808	1.426773411
2018-05-17T12:28:31+02:00	13.58780289	53.58234406	7.302463531	1.721530914	1.189933684
2018-05-17T12:38:31+02:00	13.61086941	54.07288361	7.217377663	1.756101608	0.830167611
2018-05-17T12:48:31+02:00	13.62584496	53.45910645	7.188768387	1.723171234	0.773014956
2018-05-17T12:58:31+02:00	13.63852596	53.05513382	7.152557373	1.710355759	0.865463527
2018-05-17T13:08:31+02:00	13.64967251	52.60080338	7.143468857	1.705288887	0.96309689
2018-05-17T13:18:31+02:00	13.65782356	52.24570465	7.113218307	1.705884933	1.061004892
2018-05-17T13:28:31+02:00	13.66566086	52.03723907	7.112174034	1.720040321	0.922355359
2018-05-17T13:38:31+02:00	13.66934204	51.79434967	7.06940937	1.701116562	1.012739137
2018-05-17T13:48:31+02:00	13.67145729	51.45549774	7.065833092	1.682043076	1.021693613
2018-05-17T13:58:31+02:00	13.67017651	51.22571945	7.0600214	1.667141914	0.873756147
2018-05-17T14:08:31+02:00	13.67364788	51.11843872	7.046461105	1.667886734	1.302480369

2018-05-17T14:18:31+02:00	13.67798424	51.03081131	7.008462906	1.664608955	1.024877377
2018-05-17T14:28:31+02:00	13.67790985	50.98223495	7.002651215	1.662969589	0.93820675
2018-05-17T14:38:31+02:00	13.67089176	50.86422348	6.999969482	1.677274704	1.001182351
2018-05-17T14:48:31+02:00	13.65456009	50.99415588	7.022619247	1.663565636	0.936690079
2018-05-17T14:58:31+02:00	13.63855553	50.70373535	6.98938942	1.671910286	1.169986049
2018-05-17T15:08:31+02:00	13.62565136	50.51016998	6.984173775	1.647472382	1.061294604
2018-05-17T15:18:31+02:00	13.61042213	50.51419449	6.960033417	1.646280289	1.021657024
2018-05-17T15:28:31+02:00	13.59909821	50.39558029	6.960630417	1.607983589	1.550773651
2018-05-17T15:38:31+02:00	13.57941341	50.22645187	6.962865829	1.635551453	1.033165278
2018-05-17T15:48:31+02:00	13.55984783	50.0530014	6.93470192	1.658052444	1.038214162
2018-05-17T15:58:31+02:00	13.55153275	49.78448105	6.901323318	1.639127731	0.97972264
2018-05-17T16:08:31+02:00	13.55050468	50.98924255	6.858855247	1.642852783	1.076959734
2018-05-17T16:18:31+02:00	13.55206966	50.7257843	6.812213898	1.6531353	1.092811832
2018-05-17T16:28:31+02:00	13.55698681	50.46651077	6.818174362	1.611114502	0.98021034
2018-05-17T16:38:31+02:00	13.55677795	50.23941422	6.817876816	1.633465767	1.080238617
2018-05-17T16:48:31+02:00	13.55245686	50.02975464	6.921142578	1.589209557	1.00412995
2018-05-17T16:58:31+02:00	13.5467205	49.81607056	6.787776947	1.589805603	1.663427083
2018-05-17T17:08:31+02:00	13.53910542	50.4484787	6.751865387	1.651644707	1.561990045
2018-05-17T17:18:31+02:00	13.53161049	50.2297287	6.719827652	1.695454597	1.061874032
2018-05-17T17:28:31+02:00	13.52487469	50.02066803	6.677509308	1.67816925	1.006047128
2018-05-17T17:38:31+02:00	13.52161217	49.75840378	6.65411377	1.69634819	0.973830875
2018-05-17T17:48:31+02:00	13.52120972	49.68777084	6.673038483	1.651197433	1.189824469
2018-05-17T17:58:31+02:00	13.52064323	49.24386597	6.738603592	1.654327393	0.829195312
2018-05-17T18:08:31+02:00	13.52417469	48.94867325	6.706565857	1.713335037	0.835174719
2018-05-17T18:18:31+02:00	13.52234173	48.93332672	6.718040466	1.670718193	1.017550513
2018-05-17T18:28:31+02:00	13.51405716	48.84272766	6.679297447	1.637189865	0.838687
2018-05-17T18:38:31+02:00	13.50389385	48.68581772	6.662308693	1.656711578	0.890833672
2018-05-17T18:48:31+02:00	13.49413395	48.42683792	6.672292709	1.624524117	0.816483488
2018-05-17T18:58:31+02:00	13.48422432	48.18841934	6.639213562	1.638084412	0.822910775
2018-05-17T19:08:31+02:00	13.47525406	47.92317963	6.624609947	1.616329193	1.005160521
2018-05-17T19:18:31+02:00	13.46418285	48.21911621	6.610453606	1.546741486	0.868726096
2018-05-17T19:28:31+02:00	13.45224667	47.88949966	6.592273712	1.537651062	0.797082016
2018-05-17T19:38:31+02:00	13.44211388	47.61994171	6.565301895	1.542269707	1.092358193
2018-05-17T19:48:31+02:00	13.43570614	47.37973022	6.540119171	1.528114319	0.856848314
2018-05-17T19:58:31+02:00	13.43005943	47.11613083	6.520895958	1.545995712	1.010260946
2018-05-17T20:08:31+02:00	13.42338371	46.86385345	6.510913849	1.535415649	0.839659539
2018-05-17T20:18:31+02:00	13.4149189	46.71841812	6.483346939	1.548082352	0.870240721
2018-05-17T20:28:31+02:00	13.4080801	46.38284683	6.512255669	1.534373283	0.911688846
2018-05-17T20:38:31+02:00	13.40112114	46.10776901	6.457417488	1.50710392	0.937990409
2018-05-17T20:48:31+02:00	13.39375973	45.94266129	6.459056854	1.509934425	0.961489149
2018-05-17T20:58:31+02:00	13.38627911	45.7912674	6.408691406	1.566558838	1.322877126
2018-05-17T21:08:31+02:00	13.37705517	45.50740051	6.439685822	1.610816002	0.780873474
2018-05-17T21:18:31+02:00	13.3672657	44.79005814	6.410778046	1.60649395	0.858344029
2018-05-17T21:28:31+02:00	13.35768414	45.26689529	6.407499313	1.659989357	1.245950266
2018-05-17T21:38:31+02:00	13.34504795	44.97602463	6.401240349	1.644640923	0.737735142
2018-05-17T21:48:31+02:00	13.33521271	44.88050842	6.392747879	1.632422447	0.827466535
2018-05-17T21:58:31+02:00	13.32452869	44.72344971	6.35102272	1.659095764	1.432972474
2018-05-17T22:08:31+02:00	13.31326389	44.41440201	6.332396507	1.647472382	0.500089488
2018-05-17T22:18:31+02:00	13.30506802	44.20712662	6.364434242	1.645982742	0.566944647
2018-05-17T22:28:31+02:00	13.29600811	44.03501511	6.333143234	1.626164436	0.600013943

2018-05-17T22:38:31+02:00	13.28854275	43.82237625	6.308258057	1.638234138	0.609118961
2018-05-17T22:48:31+02:00	13.28079414	43.58515167	6.268024445	1.62318325	0.829105414
2018-05-17T22:58:31+02:00	13.27338791	43.4462738	6.266533852	1.63435936	0.601337446
2018-05-17T23:08:31+02:00	13.26499844	43.15957642	6.220638275	1.603216171	0.615507095
2018-05-17T23:18:31+02:00	13.25620747	43.01250076	6.204992294	1.592784882	0.720135748
2018-05-17T23:28:31+02:00	13.24927807	42.85171509	6.195605278	1.628398895	0.719004633
2018-05-17T23:38:31+02:00	13.24239349	42.80596924	6.196350098	1.617967606	0.932555453
2018-05-17T23:48:31+02:00	13.23690987	42.7025528	6.173998833	1.589804649	0.727515808
2018-05-17T23:58:31+02:00	13.23072624	42.5863266	6.192774773	1.578778267	0.717586311
2018-05-18T00:08:31+02:00	13.22615147	42.3704071	6.141364098	1.585186005	0.909847919
2018-05-18T00:18:31+02:00	13.22192001	42.22705841	6.148071289	1.582354546	1.037526614
2018-05-18T00:28:31+02:00	13.21750832	41.97299194	6.114990234	1.57967186	0.678149835
2018-05-18T00:38:31+02:00	13.21101189	41.89208221	6.149112701	1.569241524	0.851514583
2018-05-18T00:48:31+02:00	13.20572186	41.74336624	6.085783005	1.569241524	0.732185078
2018-05-18T00:58:31+02:00	13.19925499	41.680336	6.132274628	1.565963745	0.919232652
2018-05-18T01:08:31+02:00	13.1924305	41.49258423	6.076098442	1.572370529	0.763594363
2018-05-18T01:18:31+02:00	13.18585873	41.33686447	6.061493874	1.541078568	0.717550463
2018-05-18T01:28:31+02:00	13.17842293	41.24909592	6.039291382	1.541376114	0.932537427
2018-05-18T01:38:31+02:00	13.17159843	41.12779999	6.029009819	1.556575775	1.232031757
2018-05-18T01:48:31+02:00	13.16773891	40.92499542	6.032884598	1.558661461	0.861678452
2018-05-18T01:58:31+02:00	13.16249371	40.75735474	6.019622803	1.564175606	0.789418031
2018-05-18T02:08:31+02:00	13.15586281	40.63844681	5.970894814	1.566707611	0.916164697
2018-05-18T02:18:31+02:00	13.15048313	40.55842972	5.985498428	1.520364761	0.800734944
2018-05-18T02:28:31+02:00	13.14613247	41.06670761	5.939752579	1.543909073	0.934884106
2018-05-18T02:38:31+02:00	13.14328575	40.90726471	5.894749641	1.56223774	1.019612753
2018-05-18T02:48:31+02:00	13.13963509	40.75735474	5.918889999	1.545547485	0.957803501
2018-05-18T02:58:31+02:00	13.13449478	40.67391205	5.869121552	1.540781021	1.025619391
2018-05-18T03:08:31+02:00	13.12996483	40.52474976	5.877316475	1.510976791	0.877019857
2018-05-18T03:18:31+02:00	13.12720776	40.40851974	5.902201653	1.557469368	1.026415611
2018-05-18T03:28:31+02:00	13.12378025	40.3213501	5.835144997	1.534819603	1.106185416
2018-05-18T03:38:31+02:00	13.11770058	40.18828583	5.842149734	1.497119904	1.263254191
2018-05-18T03:48:31+02:00	13.11238098	40.09306335	5.839914322	1.507699966	0.906383871
2018-05-18T03:58:31+02:00	13.10835743	39.93526459	5.805791855	1.516342163	1.714878599
2018-05-18T04:08:31+02:00	13.10515404	39.76628113	5.809663773	1.472830772	1.114033225
2018-05-18T04:18:31+02:00	13.10332108	39.56124115	5.800872803	1.496821404	1.179659666
2018-05-18T04:28:31+02:00	13.10232258	39.27886581	5.837976456	1.53362751	1.245041669
2018-05-18T04:38:31+02:00	13.10174179	39.16501999	5.814729691	1.500993729	1.223856589
2018-05-18T04:48:31+02:00	13.10148811	38.50653839	5.887598038	1.514852524	1.184378891
2018-05-18T04:58:31+02:00	13.10163689	39.24116516	5.823224068	1.52319622	0.936978987
2018-05-18T05:08:31+02:00	13.10065365	39.14505005	5.821884155	1.495927811	0.973216481
2018-05-18T05:18:31+02:00	13.09990883	38.96087265	5.831419945	1.499206543	0.754912392
2018-05-18T05:28:31+02:00	13.09882069	38.85910034	5.83514595	1.526623726	1.144550499
2018-05-18T05:38:31+02:00	13.09664536	38.75762177	5.754827499	1.503080368	0.784776664
2018-05-18T05:48:31+02:00	13.09195137	38.62485504	5.773454666	1.521260262	0.907538675
2018-05-18T05:58:31+02:00	13.08345795	38.35424805	5.733669281	1.512169838	0.892258164
2018-05-18T06:08:31+02:00	13.07705021	37.87577057	5.708785057	1.475811005	1.025203454
2018-05-18T06:18:31+02:00	13.07183456	37.72452545	5.725920677	1.503825188	0.942630873
2018-05-18T06:28:31+02:00	13.07007694	38.46347046	5.695522308	1.521855354	0.781809059
2018-05-18T06:38:31+02:00	13.06895924	38.6129303	5.695371628	1.465082169	0.733388818
2018-05-18T06:48:31+02:00	13.06852722	38.63051224	5.70029068	1.484454155	0.76386358

2018-05-18T06:58:31+02:00	13.06679821	38.54751587	5.665719986	1.485646248	0.736244308
2018-05-18T07:08:31+02:00	13.06584454	38.27362823	5.676150322	1.476555824	1.041127551
2018-05-18T07:18:31+02:00	13.06533813	38.04803085	5.703866005	1.495778084	0.648003809
2018-05-18T07:28:31+02:00	13.0643549	38.0332756	5.659311295	1.489370346	0.593844117
2018-05-18T07:38:31+02:00	13.06672382	38.02865601	5.617440224	1.53288269	0.871827401
2018-05-18T07:48:31+02:00	13.07223701	37.87592316	5.609839439	1.492053032	0.836075238
2018-05-18T07:58:31+02:00	13.07775116	37.71498871	5.612075806	1.48728466	0.748047655
2018-05-18T08:08:31+02:00	13.0815506	37.57789993	5.58957386	1.513063431	0.664166394
2018-05-18T08:18:31+02:00	13.08912086	37.48685074	5.540400505	1.515746117	0.718555598
2018-05-18T08:28:31+02:00	13.10153294	37.09882355	5.595235825	1.506059647	0.590660945
2018-05-18T08:38:31+02:00	13.11424351	36.92031097	5.574227333	1.515597343	0.508429756
2018-05-18T08:48:31+02:00	13.12690926	36.80109787	5.557686806	1.485794067	0.459441737
2018-05-18T08:58:31+02:00	13.14401627	36.61155701	5.545466423	1.506507874	0.509464041
2018-05-18T09:08:31+02:00	13.16481781	36.57668686	5.583465576	1.503676414	0.536609472
2018-05-18T09:18:31+02:00	13.1937561	36.33335114	5.512238503	1.464486122	0.672179655
2018-05-18T09:28:31+02:00	13.22568989	36.19179153	5.483478546	1.490712166	0.59016066
2018-05-18T09:38:31+02:00	13.26082611	36.00642014	5.477816582	1.482218742	0.540821041
2018-05-18T09:48:31+02:00	13.29530811	35.91329193	5.463064194	1.463294029	0.62058936
2018-05-18T09:58:31+02:00	13.33104038	35.51542664	5.440711021	1.500397682	0.556692156
2018-05-18T10:08:31+02:00	13.3672657	36.0642395	5.491822243	1.504122734	2.996665823
2018-05-18T10:18:31+02:00	13.40514374	35.78007126	5.405097961	1.477897644	0.500267397
2018-05-18T10:28:31+02:00	13.44001293	35.61183929	5.389600754	1.472085953	0.511299985
2018-05-18T10:38:31+02:00	13.47151375	35.46655273	5.389749527	1.456887245	0.493603982
2018-05-18T10:48:31+02:00	13.50061607	35.33825302	5.367546082	1.469105721	0.505346545
2018-05-18T10:58:31+02:00	13.52624607	35.13723373	5.346686363	1.428872108	0.513903072
2018-05-18T11:08:31+02:00	13.5492382	34.99433517	5.326569557	1.445711136	0.617063798
2018-05-18T11:18:31+02:00	13.57179832	34.86096954	5.340278625	1.439749718	0.588086606
2018-05-18T11:28:31+02:00	13.58909893	34.70614624	5.314201355	1.432746887	0.576343126
2018-05-18T11:38:31+02:00	13.60872364	34.48396683	5.284996033	1.443177223	0.609727208
2018-05-18T11:48:31+02:00	13.62921333	34.35284042	5.237459183	1.459866524	1.088426834
2018-05-18T11:58:31+02:00	13.6465435	34.16716766	5.230456352	1.454204559	0.439046377
2018-05-18T12:08:31+02:00	13.66120529	33.91504288	5.231946945	1.438260078	0.434710215
2018-05-18T12:18:31+02:00	13.67381191	33.80418015	5.232692719	1.446307182	0.492641951
2018-05-18T12:28:31+02:00	13.69348145	33.6386261	5.210489273	1.426041603	0.403120416
2018-05-18T12:38:31+02:00	13.70966434	33.61672211	5.156846046	1.430809021	0.519305889
2018-05-18T12:48:31+02:00	13.71517754	33.52820969	5.15669632	1.431852341	0.43991726
2018-05-18T12:58:31+02:00	13.71504402	33.42926788	5.174427986	1.401305199	0.517112626
2018-05-18T13:08:31+02:00	13.72188377	33.32659531	5.149543762	1.383722305	0.531970145
2018-05-18T13:18:31+02:00	13.73483276	33.18413925	5.126745224	1.433342934	0.454301011
2018-05-18T13:28:31+02:00	13.74048042	32.98088837	5.121231079	1.413076401	0.808113296
2018-05-18T13:38:31+02:00	13.74511433	32.86212921	5.135536194	1.413524628	0.407787584
2018-05-18T13:48:31+02:00	13.74883938	32.89520645	5.125402451	1.430958748	0.511621049
2018-05-18T13:58:31+02:00	13.74955463	32.83083725	5.109757423	1.416653633	0.546425467
2018-05-18T14:08:31+02:00	13.7506876	33.114254	5.119443893	1.438408852	0.934288295
2018-05-18T14:18:31+02:00	13.74240208	33.15880585	5.132408142	1.437216759	0.80613346
2018-05-18T14:28:31+02:00	13.73301411	32.46545792	5.126745224	1.455099106	1.080111557
2018-05-18T14:38:31+02:00	13.73137569	33.13660431	5.103796005	1.493543625	0.626979725
2018-05-18T14:48:31+02:00	13.71945477	33.24359512	5.122274399	1.479089737	0.872511844
2018-05-18T14:58:31+02:00	13.7096796	33.20619202	5.064160347	1.494586945	0.638904871
2018-05-18T15:08:31+02:00	13.70054436	33.13109207	5.106628418	1.482665062	0.589963843

2018-05-18T15:18:31+02:00	13.68348312	33.08445358	5.11914444	1.468359947	0.57082153
2018-05-18T15:28:31+02:00	13.6702652	33.01084137	5.076974869	1.48028183	0.640068712
2018-05-18T15:38:31+02:00	13.66394806	33.39573669	5.093069077	1.497865677	0.757482527
2018-05-18T15:48:31+02:00	13.65521526	33.03482819	5.063117027	1.481921196	0.624760093
2018-05-18T15:58:31+02:00	13.65259266	32.70759964	5.100071907	1.474023819	0.490148006
2018-05-18T16:08:31+02:00	13.64466572	33.05092239	5.060583115	1.469105721	0.568641874
2018-05-18T16:18:31+02:00	13.62539864	33.19322968	5.10901165	1.457333565	0.463729317
2018-05-18T16:28:31+02:00	13.60580349	33.06880951	5.080700874	1.450478554	0.732741423
2018-05-18T16:38:31+02:00	13.59246635	32.98983002	5.076826096	1.431257248	0.663037669
2018-05-18T16:48:31+02:00	13.59191513	33.01247787	5.045829773	1.469105721	0.428669391
2018-05-18T16:58:31+02:00	13.59626675	33.17415619	5.040763855	1.447647095	0.466416173
2018-05-18T17:08:31+02:00	13.60140705	32.7625885	5.021839142	1.438856125	0.590857766
2018-05-18T17:18:31+02:00	13.60003662	32.7113266	5.040616035	1.479237556	0.343820227
2018-05-18T17:28:31+02:00	13.59508896	32.72548676	5.020797729	1.473426819	0.368071441
2018-05-18T17:38:31+02:00	13.58972454	32.58824539	5.004852295	1.483708382	0.361589359
2018-05-18T17:48:31+02:00	13.5789957	32.50449753	5.025565147	1.451969147	0.510943328
2018-05-18T17:58:31+02:00	13.57069588	32.44235992	5.003362656	1.442134857	0.598636703
2018-05-18T18:08:31+02:00	13.56217289	32.41926193	4.987119675	1.446604729	0.478590678
2018-05-18T18:18:31+02:00	13.5520401	32.3538475	5.032718658	1.453011513	0.38478157
2018-05-18T18:28:31+02:00	13.54174328	32.21556473	5.006492615	1.456141472	0.489203894
2018-05-18T18:38:31+02:00	13.52880859	32.15447235	4.990249634	1.453607559	0.529561617
2018-05-18T18:48:31+02:00	13.51576996	32.08696747	4.985780716	1.425296783	0.442672321
2018-05-18T18:58:31+02:00	13.50618935	31.98355484	4.976094246	1.450627327	0.546122483
2018-05-18T19:08:31+02:00	13.49648857	31.88490677	4.962832451	1.422762871	0.56437202
2018-05-18T19:18:31+02:00	13.48507404	31.83871651	4.976094246	1.439452171	0.625744437
2018-05-18T19:28:31+02:00	13.47000885	31.79237366	4.962981224	1.420825958	0.590732807
2018-05-18T19:38:31+02:00	13.45616531	31.71682549	4.950314522	1.436024666	0.540607214
2018-05-18T19:48:31+02:00	13.44488525	31.74364662	4.957764626	1.442581177	0.544533585
2018-05-18T19:58:31+02:00	13.43515491	31.69298363	4.942417145	1.413822174	0.501817995
2018-05-18T20:08:31+02:00	13.4272728	31.63650513	4.955976486	1.415311813	0.494494218
2018-05-18T20:18:31+02:00	13.42113304	31.71339798	4.943907738	1.408456802	0.48366535
2018-05-18T20:28:31+02:00	13.41442776	31.61728287	4.931093216	1.396388054	0.695888782
2018-05-18T20:38:31+02:00	13.40863132	31.51133728	4.910827637	1.403838158	1.070222756
2018-05-18T20:48:31+02:00	13.40255165	31.31791878	4.901437759	1.386255264	0.531024474
2018-05-18T20:58:31+02:00	13.39635277	31.32387924	4.935115814	1.408457756	0.475083749
2018-05-18T21:08:31+02:00	13.38869286	31.23670769	4.91037941	1.404880524	1.006915232
2018-05-18T21:18:31+02:00	13.38116837	31.30421066	4.89264679	1.387446404	0.820516258
2018-05-18T21:28:31+02:00	13.37240601	31.25533676	4.90069294	1.361370087	0.559406714
2018-05-18T21:38:31+02:00	13.36453819	31.2182312	4.904270172	1.403689384	0.524941803
2018-05-18T21:48:31+02:00	13.3582058	31.179636	4.880577087	1.360327721	0.723026445
2018-05-18T21:58:31+02:00	13.34621048	31.11571121	4.883259773	1.390277863	0.628000348
2018-05-18T22:08:31+02:00	13.33682251	31.06132126	4.87476635	1.350939751	0.527064263
2018-05-18T22:18:31+02:00	13.32762814	30.99635124	4.913955688	1.386106491	0.549210524
2018-05-18T22:28:31+02:00	13.31944752	30.90441132	4.881917953	1.374631882	0.589266759
2018-05-18T22:38:31+02:00	13.31144524	31.14506531	4.89249897	1.405179024	0.632833766
2018-05-18T22:48:31+02:00	13.30691528	30.83169556	4.910230637	1.371056557	0.908946194
2018-05-18T22:58:31+02:00	13.30457592	30.93495941	4.892796516	1.386851311	0.497594335
2018-05-18T23:08:31+02:00	13.30044842	30.83780289	4.881173134	1.401006699	0.67113968
2018-05-18T23:18:31+02:00	13.29641056	30.40596771	4.859565735	1.394748688	0.46479678
2018-05-18T23:28:31+02:00	13.29310226	30.57166672	4.868358612	1.391470909	0.282773495

2018-05-18T23:38:31+02:00	13.29018211	30.48971367	4.860759735	1.406669617	0.282509078
2018-05-18T23:48:31+02:00	13.29062843	30.5406723	4.845113754	1.434386253	0.454905662
2018-05-18T23:58:31+02:00	13.29024124	30.21001816	4.853159904	1.422911644	0.517879299
2018-05-19T00:08:31+02:00	13.2869482	30.16426849	4.887879372	1.404732704	0.653199293
2018-05-19T00:18:31+02:00	13.28350639	30.20078087	4.867911339	1.399665833	0.504508846
2018-05-19T00:28:31+02:00	13.27797794	30.86000443	4.865973473	1.404285431	0.520358192
2018-05-19T00:38:31+02:00	13.27091408	30.78847885	4.850030899	1.39877224	0.563943539
2018-05-19T00:48:31+02:00	13.26373196	30.80263519	4.877001762	1.390129089	0.472556072
2018-05-19T00:58:31+02:00	13.25675869	30.78624725	4.868507385	1.399219513	0.425986554
2018-05-19T01:08:31+02:00	13.24774361	30.77298355	4.871040344	1.403987885	0.516577406
2018-05-19T01:18:31+02:00	13.24030781	30.72768593	4.862100601	1.394748688	0.582294564
2018-05-19T01:28:31+02:00	13.23316956	30.6725502	4.858673096	1.384168625	0.637919871
2018-05-19T01:38:31+02:00	13.22717953	30.65481567	4.855244637	1.400709152	0.703316801
2018-05-19T01:48:31+02:00	13.21963978	30.55051041	4.868060112	1.389235497	0.461451755
2018-05-19T01:58:31+02:00	13.2132616	30.51459694	4.875213623	1.417994499	0.497683965
2018-05-19T02:08:31+02:00	13.2065115	30.49671745	4.890859604	1.380890846	0.470989794
2018-05-19T02:18:31+02:00	13.20022392	30.40238953	4.854946136	1.402198792	0.523086619
2018-05-19T02:28:31+02:00	13.19448662	30.34755707	4.825143814	1.419186592	0.633210324
2018-05-19T02:38:31+02:00	13.18793011	30.1608429	4.863739967	1.389533043	0.486674736
2018-05-19T02:48:31+02:00	13.18198395	30.29554939	4.871189117	1.41546154	0.489132534
2018-05-19T02:58:31+02:00	13.17730522	30.37512398	4.857927322	1.429468155	2.136763198
2018-05-19T03:08:31+02:00	13.17073441	30.72216988	4.852861404	1.419037819	0.469903826
2018-05-19T03:18:31+02:00	13.1656971	30.71457291	4.823207855	1.408905029	0.369381724
2018-05-19T03:28:31+02:00	13.16122723	30.67150497	4.834383011	1.432001114	0.623256142
2018-05-19T03:38:31+02:00	13.15556431	30.64736557	4.849732399	1.401454926	0.491359378
2018-05-19T03:48:31+02:00	13.15149689	30.65720367	4.830210686	1.416056633	0.428100463
2018-05-19T03:58:31+02:00	13.14580441	30.55200195	4.842877388	1.394152641	0.400459188
2018-05-19T04:08:31+02:00	13.1410656	30.4716835	4.840642929	1.412630081	0.490218913
2018-05-19T04:18:31+02:00	13.13549232	30.54529381	4.850476265	1.40577507	0.367717074
2018-05-19T04:28:31+02:00	13.12974072	30.55796051	4.870593071	1.402647018	0.457431666
2018-05-19T04:38:31+02:00	13.12373543	30.47227859	4.86299324	1.385211945	0.341980338
2018-05-19T04:48:31+02:00	13.11863995	30.47644806	4.867464066	1.395792007	0.443792507
2018-05-19T04:58:31+02:00	13.11363316	30.4302578	4.871189117	1.401602745	0.395509869
2018-05-19T05:08:31+02:00	13.10732937	30.48911476	4.84645462	1.408607483	0.385792056
2018-05-19T05:18:31+02:00	13.10229301	30.06309509	4.87312603	1.410841942	0.468231346
2018-05-19T05:28:31+02:00	13.09829903	30.36513901	4.863589287	1.395792007	0.383877328
2018-05-19T05:38:31+02:00	13.09315872	30.2851181	4.859269142	1.395195961	0.420480941
2018-05-19T05:48:31+02:00	13.08889675	30.30449104	4.849582672	1.387447357	0.467821787
2018-05-19T05:58:31+02:00	13.08545494	30.32103348	4.841982841	1.38759613	0.490914084
2018-05-19T06:08:31+02:00	13.08073139	30.28869629	4.875361443	1.393258095	0.389178337
2018-05-19T06:18:31+02:00	13.07746792	30.29167747	4.842878342	1.404285431	0.444752548
2018-05-19T06:28:31+02:00	13.07490444	30.30404282	4.897416115	1.393705368	0.549264226
2018-05-19T06:38:31+02:00	13.07086658	30.36841965	4.825143814	1.389086723	0.608940108
2018-05-19T06:48:31+02:00	13.07006168	30.36215973	4.858821869	1.381485939	0.554978067
2018-05-19T06:58:31+02:00	13.06901836	30.36856842	4.854500771	1.400857925	0.543141492
2018-05-19T07:08:31+02:00	13.06860161	30.25278282	4.824995041	1.355409622	0.477166196
2018-05-19T07:18:31+02:00	13.06860161	30.27543259	4.854499817	1.369417191	0.551745842
2018-05-19T07:28:31+02:00	13.07088089	30.16754913	4.835575104	1.36256218	0.469085567
2018-05-19T07:38:31+02:00	13.07545567	30.29167938	4.824399948	1.365542412	0.511192964
2018-05-19T07:48:31+02:00	13.08248901	30.40060616	4.857330322	1.417547226	0.683421883

2018-05-19T07:58:31+02:00	13.09248829	29.83898163	4.83795929	1.392663002	0.44523247
2018-05-19T08:08:31+02:00	13.10577965	29.90230942	4.855991364	1.394599915	0.531220868
2018-05-19T08:18:31+02:00	13.12024879	29.81692505	4.857032776	1.425445557	0.390596926
2018-05-19T08:28:31+02:00	13.13485241	29.81767273	4.849731445	1.398324966	0.429379776
2018-05-19T08:38:31+02:00	13.15166092	29.69086456	4.870741844	1.4346838	0.299439096
2018-05-19T08:48:31+02:00	13.16784286	29.77550125	4.853010178	1.434832573	0.314902814
2018-05-19T08:58:31+02:00	13.1829977	29.70889282	4.853902817	1.407265663	0.34610212
2018-05-19T09:08:31+02:00	13.19794369	29.80008698	4.81903553	1.431853294	0.82310898
2018-05-19T09:18:31+02:00	13.21028137	29.72751808	4.840044975	1.388192177	0.406119305
2018-05-19T09:28:31+02:00	13.22057819	29.8666935	4.858374596	1.385510445	0.426448563
2018-05-19T09:38:31+02:00	13.23077106	29.8747406	4.801898956	1.388489723	0.397177068
2018-05-19T09:48:31+02:00	13.24133587	30.06100655	4.809945107	1.406968117	0.501497055
2018-05-19T09:58:31+02:00	13.25136375	30.0934906	4.831254005	1.402944565	0.47163019
2018-05-19T10:08:31+02:00	13.26277828	30.44202805	4.835278511	1.415014267	0.384019145
2018-05-19T10:18:31+02:00	13.27472878	30.44620323	4.817246437	1.452266693	0.460419968
2018-05-19T10:28:31+02:00	13.28521919	30.11613846	4.835128784	1.405179977	0.290936508
2018-05-19T10:38:31+02:00	13.29661942	30.16695595	4.839301109	1.398921013	0.292382829
2018-05-19T10:48:31+02:00	13.30743694	30.09959984	4.832446098	1.403390884	0.42211511
2018-05-19T10:58:31+02:00	13.31937313	30.55527878	4.830359459	1.41620636	0.338407737
2018-05-19T11:08:31+02:00	13.33186054	30.51832199	4.852116585	1.41620636	0.204744909
2018-05-19T11:18:31+02:00	13.34469032	30.43636703	4.854053497	1.396089554	0.469209945
2018-05-19T11:28:31+02:00	13.35774326	30.49180031	4.830212593	1.402795792	0.398897766
2018-05-19T11:38:31+02:00	13.36844254	30.2822876	4.81829071	1.427680969	0.270105571
2018-05-19T11:48:31+02:00	13.37940979	30.25203705	4.79087162	1.401901245	0.23137778
2018-05-19T11:58:31+02:00	13.39161396	30.24309921	4.81829071	1.426339149	0.483148854
2018-05-19T12:08:31+02:00	13.4052639	30.2943573	4.770904541	1.419335365	0.360739676
2018-05-19T12:18:31+02:00	13.42049217	30.25666046	4.807412148	1.401453972	0.34967668
2018-05-19T12:28:31+02:00	13.43548298	30.25308228	4.777162552	1.384168625	0.371224296
2018-05-19T12:38:31+02:00	13.45276833	30.31387711	4.780738831	1.382082939	0.371808895
2018-05-19T12:48:31+02:00	13.46889114	30.18200302	4.7734375	1.388043404	0.420107934
2018-05-19T12:58:31+02:00	13.49194336	30.05370331	4.776567459	1.429170609	0.459210165
2018-05-19T13:08:31+02:00	13.51124001	30.04476166	4.780441284	1.448541641	0.767135309
2018-05-19T13:18:31+02:00	13.53289223	29.86073494	4.774778366	1.443922043	0.377957536
2018-05-19T13:28:31+02:00	13.55399227	29.7643261	4.749445915	1.436620712	0.343148191
2018-05-19T13:38:31+02:00	13.58231926	29.56837463	4.761219025	1.430511475	0.911580744
2018-05-19T13:48:31+02:00	13.61291122	29.49536133	4.728286743	1.442879677	0.463142199
2018-05-19T13:58:31+02:00	13.63332558	29.41876602	4.70027256	1.419336319	0.549603581
2018-05-19T14:08:31+02:00	13.65397835	29.58208275	4.713684082	1.412034035	0.382034024
2018-05-19T14:18:31+02:00	13.65755463	29.69086075	4.728586197	1.398921013	0.303092173
2018-05-19T14:28:31+02:00	13.65587139	29.85432816	4.747808456	1.394003868	0.394747039
2018-05-19T14:38:31+02:00	13.65940285	29.93717957	4.768074036	1.413374901	0.369151811
2018-05-19T14:48:31+02:00	13.6554985	30.03686523	4.781335831	1.40816021	0.644420955
2018-05-19T14:58:31+02:00	13.65853882	30.04357147	4.756152153	1.417547226	0.303833142
2018-05-19T15:08:31+02:00	13.6641264	30.06964874	4.75630188	1.431405067	0.332254864
2018-05-19T15:18:31+02:00	13.65993881	30.16740036	4.777610779	1.405923843	0.320131251
2018-05-19T15:28:31+02:00	13.63931561	30.23073196	4.750191689	1.401006699	0.453376534
2018-05-19T15:38:31+02:00	13.61860371	30.37139893	4.758834839	1.398622513	0.397194552
2018-05-19T15:48:31+02:00	13.61124229	30.42265892	4.762113571	1.402646065	0.402605995
2018-05-19T15:58:31+02:00	13.61516094	30.43592072	4.753024101	1.428127289	0.598440058
2018-05-19T16:08:31+02:00	13.61326885	30.48196602	4.765093803	1.394003868	0.471132179

2018-05-19T16:18:31+02:00	13.59873962	30.46855354	4.768669128	1.422911644	0.356313514
2018-05-19T16:28:31+02:00	13.57966614	30.5822506	4.763454437	1.412033081	0.357287172
2018-05-19T16:38:31+02:00	13.56005669	30.59178543	4.755109787	1.416356087	0.39018927
2018-05-19T16:48:31+02:00	13.5422945	30.70384407	4.757344246	1.389980316	0.530881976
2018-05-19T16:58:31+02:00	13.5249939	30.73290062	4.760921478	1.429616928	0.525244772
2018-05-19T17:08:31+02:00	13.51083851	30.7819252	4.734545708	1.450925827	0.54180293
2018-05-19T17:18:31+02:00	13.48735428	30.27364731	4.741699219	1.440941811	0.85111788
2018-05-19T17:28:31+02:00	13.45232105	30.91886711	4.753320694	1.448691368	0.541124422
2018-05-19T17:38:31+02:00	13.42040253	30.89904785	4.744231224	1.401007652	0.742675311
2018-05-19T17:48:31+02:00	13.39726162	30.9067955	4.772096634	1.473874092	0.674258787
2018-05-19T17:58:31+02:00	13.38331413	30.90232849	4.717708588	1.431107521	0.531809372
2018-05-19T18:08:31+02:00	13.37192917	30.84555054	4.750490189	1.495778084	0.531649056
2018-05-19T18:18:31+02:00	13.36075401	30.76553345	4.735588074	1.464336395	0.877488365
2018-05-19T18:28:31+02:00	13.35212612	30.74407578	4.716514587	1.463591576	1.26778116
2018-05-19T18:38:31+02:00	13.34834099	30.78371429	4.761219025	1.436769485	0.494690558
2018-05-19T18:48:31+02:00	13.34543514	30.80025291	4.731267929	1.424699783	0.701899602
2018-05-19T18:58:31+02:00	13.34585285	30.8060627	4.737823486	1.426190376	0.952456194
2018-05-19T19:08:31+02:00	13.34738731	30.70235252	4.715621948	1.417547226	0.930117853
2018-05-19T19:18:31+02:00	13.35109806	30.78624725	4.722177505	1.434087753	0.596365178
2018-05-19T19:28:31+02:00	13.35319901	30.87475967	4.692674637	1.449435234	0.503866902
2018-05-19T19:38:31+02:00	13.35598564	30.86626434	4.676729202	1.433342934	0.493390092
2018-05-19T19:48:31+02:00	13.35881615	30.90888214	4.707574844	1.428127289	0.551853257
2018-05-19T19:58:31+02:00	13.36066437	30.96938324	4.685967445	1.414716721	0.495385171
2018-05-19T20:08:31+02:00	13.36045551	31.26993561	4.768371582	1.399368286	0.6975216
2018-05-19T20:18:31+02:00	13.35673046	31.28096581	4.715323448	1.356451988	0.55871039
2018-05-19T20:28:31+02:00	13.35085964	31.26248741	4.709810257	1.351833344	0.545747299
2018-05-19T20:38:31+02:00	13.34474945	31.22716904	4.685968399	1.368522644	0.537983635
2018-05-19T20:48:31+02:00	13.3385067	31.24847794	4.688055038	1.38133812	0.660474789
2018-05-19T20:58:31+02:00	13.33130932	31.25310135	4.66510582	1.373737335	0.642074877
2018-05-19T21:08:31+02:00	13.32514	31.18917465	4.661380768	1.399814606	0.657499705
2018-05-19T21:18:31+02:00	13.32086372	31.10438538	4.664361954	1.377463341	0.671461857
2018-05-19T21:28:31+02:00	13.31052208	31.12420464	4.651993752	1.386404037	0.694022739
2018-05-19T21:38:31+02:00	13.30369759	31.11481857	4.671513557	1.372098923	0.831986877
2018-05-19T21:48:31+02:00	13.29825783	31.09797668	4.667938232	1.387745857	0.771037015
2018-05-19T21:58:31+02:00	13.29420471	31.14327621	4.649312019	1.350342751	0.799187127
2018-05-19T22:08:31+02:00	13.29110527	31.0748806	4.636943817	1.406222343	0.745208673
2018-05-19T22:18:31+02:00	13.29073334	31.05163574	4.641711235	1.3802948	0.766668624
2018-05-19T22:28:31+02:00	13.28927231	31.01855469	4.639774323	1.376122475	0.685950788
2018-05-19T22:38:31+02:00	13.28770828	30.96044159	4.653930664	1.365691185	0.724570947
2018-05-19T22:48:31+02:00	13.28676987	30.9707222	4.631728172	1.387744904	0.747149293
2018-05-19T22:58:31+02:00	13.28431034	30.852705	4.622191429	1.367330551	0.901945567
2018-05-19T23:08:31+02:00	13.27922916	30.84883118	4.638731956	1.359134674	0.741040774
2018-05-19T23:18:31+02:00	13.27164459	30.81336594	4.62919426	1.382976532	0.735526045
2018-05-19T23:28:31+02:00	13.26368713	30.80516815	4.628002167	1.345723152	0.711250092
2018-05-19T23:38:31+02:00	13.25483608	30.78833199	4.623382568	1.367777824	0.822551242
2018-05-19T23:48:31+02:00	13.24720669	30.76359558	4.608182907	1.377463341	0.830275953
2018-05-19T23:58:31+02:00	13.23871326	30.73409081	4.61801815	1.341551781	0.781449003
2018-05-20T00:08:31+02:00	13.23179913	30.71427345	4.623085022	1.366287231	0.835156737
2018-05-20T00:18:31+02:00	13.22604752	30.72232056	4.597455025	1.341700554	0.829159353
2018-05-20T00:28:31+02:00	13.2232008	30.72217178	4.617124557	1.361519814	0.846181579

2018-05-20T00:38:31+02:00	13.22232151	30.65735245	4.598647118	1.350045204	0.865697481
2018-05-20T00:48:31+02:00	13.22178555	30.66376114	4.621149063	1.335888863	1.117930914
2018-05-20T00:58:31+02:00	13.22004223	30.59282875	4.597007751	1.320094109	0.785406131
2018-05-20T01:08:31+02:00	13.22028065	30.55482864	4.59253788	1.364946365	1.012955847
2018-05-20T01:18:31+02:00	13.21959496	30.49388504	4.580617905	1.343637466	0.897344722
2018-05-20T01:28:31+02:00	13.22084618	30.50997925	4.568994522	1.348108292	3.205340771
2018-05-20T01:38:31+02:00	13.22075748	30.52383804	4.619062424	1.327097893	0.939127595
2018-05-20T01:48:31+02:00	13.21952057	30.45916367	4.593431473	1.343935966	0.777510721
2018-05-20T01:58:31+02:00	13.21981812	30.45514297	4.589111328	1.378805161	1.364329774
2018-05-20T02:08:31+02:00	13.2178812	30.42086983	4.597305298	1.333057404	0.913295163
2018-05-20T02:18:31+02:00	13.21522903	30.4141655	4.578978539	1.326053619	0.973812369
2018-05-20T02:28:31+02:00	13.21153355	30.32684326	4.597902298	1.322478294	0.872584304
2018-05-20T02:38:31+02:00	13.20780849	30.26157761	4.620553017	1.31651783	0.958959712
2018-05-20T02:48:31+02:00	13.20412731	30.22998428	4.590303421	1.339166641	0.902739059
2018-05-20T02:58:31+02:00	13.19953823	30.19153976	4.590004921	1.315325737	1.086470087
2018-05-20T03:08:31+02:00	13.19436741	30.08320999	4.580915451	1.325458527	1.543339828
2018-05-20T03:18:31+02:00	13.1876173	29.89351654	4.602222443	1.343637466	0.866112328
2018-05-20T03:28:31+02:00	13.18204403	29.96921539	4.643499374	1.29744339	0.904164428
2018-05-20T03:38:31+02:00	13.17678356	29.94701195	4.584192276	1.29729557	0.966168231
2018-05-20T03:48:31+02:00	13.17131519	29.98322296	4.592536926	1.312195778	0.974680306
2018-05-20T03:58:31+02:00	13.16572762	29.89873314	4.606992722	1.316815376	1.159697435
2018-05-20T04:08:31+02:00	13.16010952	29.88442612	4.579723358	1.333654404	1.005160984
2018-05-20T04:18:31+02:00	13.15236092	30.01838875	4.623085022	1.313686371	0.844199302
2018-05-20T04:28:31+02:00	13.14626598	29.92644882	4.655570984	1.332611084	1.11901874
2018-05-20T04:38:31+02:00	13.14027596	29.90126801	4.599243164	1.321136475	1.045924292
2018-05-20T04:48:31+02:00	13.13534355	29.94850159	4.640222549	1.336485863	1.197087056
2018-05-20T04:58:31+02:00	13.13036728	29.96012688	4.585384369	1.390129089	0.782042959
2018-05-20T05:08:31+02:00	13.12567329	29.97234344	4.631429672	1.342743874	0.720548952
2018-05-20T05:18:31+02:00	13.11902714	29.93643188	4.61965847	1.364647865	0.661818142
2018-05-20T05:28:31+02:00	13.11230659	29.79472351	4.636497498	1.362413406	0.627803049
2018-05-20T05:38:31+02:00	13.10703182	29.79487228	4.62174511	1.340658188	0.66950819
2018-05-20T05:48:31+02:00	13.10124969	29.63423729	4.631877899	1.338571548	0.753816483
2018-05-20T05:58:31+02:00	13.09607887	29.65480042	4.631132126	1.349001884	0.57119683
2018-05-20T06:08:31+02:00	13.09268188	29.60339165	4.653633118	1.365542412	0.672358647
2018-05-20T06:18:31+02:00	13.08710861	29.46063995	4.609375954	1.361966133	0.652052616
2018-05-20T06:28:31+02:00	13.08189297	29.40923119	4.631728172	1.356601715	0.601605542
2018-05-20T06:38:31+02:00	13.07719994	29.32578087	4.6476717	1.375526428	0.636254129
2018-05-20T06:48:31+02:00	13.07274437	29.28078079	4.610420227	1.358091354	0.634911196
2018-05-20T06:58:31+02:00	13.06861687	29.26126099	4.654526711	1.354067802	0.740088326
2018-05-20T07:08:31+02:00	13.0643549	29.20642471	4.634858131	1.354663849	0.676015828
2018-05-20T07:18:31+02:00	13.06171703	29.18779945	4.613400459	1.341104507	0.693448664
2018-05-20T07:28:31+02:00	13.06135941	29.11642265	4.642307281	1.336037636	0.638009269
2018-05-20T07:38:31+02:00	13.06126976	28.99736214	4.618465424	1.341999054	0.601194126
2018-05-20T07:48:31+02:00	13.06253624	28.92538834	4.616975784	1.370609283	0.636468903
2018-05-20T07:58:31+02:00	13.06612778	28.94654846	4.627407074	1.33439827	0.854487672
2018-05-20T08:08:31+02:00	13.07153702	28.82286835	4.647672653	1.319944382	0.719202265
2018-05-20T08:18:31+02:00	13.07801914	28.89200974	4.621892929	1.293718338	0.803146166
2018-05-20T08:28:31+02:00	13.08800316	28.81199265	4.602671623	1.342892647	0.974806612
2018-05-20T08:38:31+02:00	13.10046005	28.79262161	4.601776123	1.3253088	0.680767848
2018-05-20T08:48:31+02:00	13.11783504	28.75790024	4.598498344	1.325904846	0.724211476

2018-05-20T08:58:31+02:00	13.13163376	28.68100739	4.632174492	1.329630852	0.71080116
2018-05-20T09:08:31+02:00	13.15084076	28.63466835	4.62740612	1.317113876	1.275817251
2018-05-20T09:18:31+02:00	13.17332649	28.59100533	4.61205864	1.354664803	0.783553678
2018-05-20T09:28:31+02:00	13.20001507	28.50964737	4.623682022	1.336336136	0.916218754
2018-05-20T09:38:31+02:00	13.2281189	28.43886566	4.613548279	1.337230682	0.787888189
2018-05-20T09:48:31+02:00	13.2568922	28.41472435	4.603415489	1.310408592	1.015271182
2018-05-20T09:58:31+02:00	13.28630733	28.30252075	4.622637749	1.312643051	0.807645166
2018-05-20T10:08:31+02:00	13.31733131	28.17571259	4.624724388	1.299381256	0.809013173
2018-05-20T10:18:31+02:00	13.34719372	28.14650536	4.634558678	1.329183578	1.036476779
2018-05-20T10:28:31+02:00	13.38180923	28.09241486	4.594176292	1.310706139	0.762479319
2018-05-20T10:38:31+02:00	13.41344452	28.00583649	4.628599167	1.322627068	0.982325466
2018-05-20T10:48:31+02:00	13.44475174	28.01820755	4.61235714	1.299828529	0.928492865
2018-05-20T10:58:31+02:00	13.47249794	27.93863297	4.616975784	1.296699524	0.849784805
2018-05-20T11:08:31+02:00	13.49627972	27.93133163	4.615782738	1.284927368	0.926543517
2018-05-20T11:18:31+02:00	13.51974869	27.86964417	4.601777077	1.312644005	0.871196044
2018-05-20T11:28:31+02:00	13.54128075	27.80556488	4.617124557	1.281351089	0.853622708
2018-05-20T11:38:31+02:00	13.56358814	27.68009949	4.59954071	1.27047348	0.774453484
2018-05-20T11:48:31+02:00	13.58450985	27.59993172	4.613399506	1.285672188	0.9031723
2018-05-20T11:58:31+02:00	13.60578823	27.50039291	4.561097145	1.275688171	0.87218739
2018-05-20T12:08:31+02:00	13.62179184	27.47654915	4.607736588	1.266449928	0.908963748
2018-05-20T12:18:31+02:00	13.63733387	27.42573738	4.613548279	1.265405655	0.908512893
2018-05-20T12:28:31+02:00	13.65423203	27.38595009	4.606842995	1.273900986	0.912627589
2018-05-20T12:38:31+02:00	13.66488647	27.31949234	4.57435894	1.252292633	0.900448227
2018-05-20T12:48:31+02:00	13.67463207	27.63360596	4.60118103	1.24335289	0.849586462
2018-05-20T12:58:31+02:00	13.68154621	27.64061165	4.561245918	1.278817177	1.031789416
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2018-05-20T13:18:31+02:00	13.7004261	27.48981094	4.590749741	1.310259819	0.926507008
2018-05-20T13:28:31+02:00	13.70671368	27.26897812	4.600137711	1.26913166	0.72692277
2018-05-20T13:38:31+02:00	13.71222687	27.29981995	4.54679203	1.295208931	0.784147208
2018-05-20T13:48:31+02:00	13.71487999	27.33453941	4.546194077	1.292823792	0.914594306
2018-05-20T13:58:31+02:00	13.71170616	27.37358475	4.578232765	1.331716537	0.861137691
2018-05-20T14:08:31+02:00	13.71035004	27.49517441	4.578530312	1.307577133	0.794437208
2018-05-20T14:18:31+02:00	13.70407677	27.61200142	4.577784538	1.301020622	0.833481635
2018-05-20T14:28:31+02:00	13.69345188	27.76443863	4.602521896	1.318305969	0.786377291
2018-05-20T14:38:31+02:00	13.68561363	27.8365612	4.575997353	1.304894447	0.823955283
2018-05-20T14:48:31+02:00	13.66436481	27.94206238	4.587322235	1.326948166	0.761706677
2018-05-20T14:58:31+02:00	13.64877796	28.03161621	4.596859932	1.303851128	0.863318776
2018-05-20T15:08:31+02:00	13.63088226	28.03787613	4.632472992	1.304745674	0.766829708
2018-05-20T15:18:31+02:00	13.63080788	28.04651833	4.611014366	1.318454742	0.857947719
2018-05-20T15:28:31+02:00	13.62699318	28.11104202	4.639774323	1.296103477	0.755074342
2018-05-20T15:38:31+02:00	13.61897564	28.53467941	4.562139511	1.320690155	1.27298063
2018-05-20T15:48:31+02:00	13.5982933	28.44318771	4.656017303	1.273751259	0.838128574
2018-05-20T15:58:31+02:00	13.58161831	28.72943687	4.661530495	1.316666603	0.779273089
2018-05-20T16:08:31+02:00	13.56670284	28.76624298	4.657806396	1.322627068	0.786593262
2018-05-20T16:18:31+02:00	13.55151844	28.69158936	4.650800705	1.324266434	0.878876381
2018-05-20T16:28:31+02:00	13.5404911	28.65821075	4.668683052	1.347213745	0.895793982
2018-05-20T16:38:31+02:00	13.53257942	28.67430496	4.692672729	1.318157196	0.741651532
2018-05-20T16:48:31+02:00	13.52134323	28.77265358	4.67240715	1.320838928	0.598332922
2018-05-20T16:58:31+02:00	13.5066061	28.73703957	4.688501358	1.303107262	0.609423083
2018-05-20T17:08:31+02:00	13.49133301	28.71990204	4.670767784	1.280158997	0.739064623

2018-05-20T17:18:31+02:00	13.47780228	28.7252655	4.684626579	1.312643051	0.810417631
2018-05-20T17:28:31+02:00	13.46634293	28.73614311	4.667043686	1.305788994	0.975926724
2018-05-20T17:38:31+02:00	13.45895195	28.63481712	4.673003197	1.304745674	0.751443972
2018-05-20T17:48:31+02:00	13.4562254	28.11714935	4.670172691	1.361370087	0.871340037
2018-05-20T17:58:31+02:00	13.45364761	28.46002769	4.670769691	1.347661018	0.87011427
2018-05-20T18:08:31+02:00	13.45115852	29.38002396	4.660784721	1.38893795	0.778193928
2018-05-20T18:18:31+02:00	13.44591331	29.35648155	4.684179306	1.322329521	0.647806382
2018-05-20T18:28:31+02:00	13.44524288	28.80945969	4.702358246	1.343935966	0.443436854
2018-05-20T18:38:31+02:00	13.44302273	28.78472137	4.680156708	1.365393639	0.576307213
2018-05-20T18:48:31+02:00	13.44227791	28.4335022	4.671514511	1.369267464	0.519680239
2018-05-20T18:58:31+02:00	13.44020653	28.49772644	4.669427872	1.348853111	0.735920582
2018-05-20T19:08:31+02:00	13.43813515	28.55628967	4.68358326	1.379549026	0.789741323
2018-05-20T19:18:31+02:00	13.43642139	28.26571655	4.641264915	1.367033005	0.890598185
2018-05-20T19:28:31+02:00	13.43369484	28.67668915	4.647522926	1.350641251	0.594416338
2018-05-20T19:38:31+02:00	13.42876244	28.67147446	4.679559708	1.349299431	0.820390429
2018-05-20T19:48:31+02:00	13.42424774	28.71125793	4.7026577	1.339614868	0.769904708
2018-05-20T19:58:31+02:00	13.41791439	28.7662468	4.684627533	1.35213089	0.643794354
2018-05-20T20:08:31+02:00	13.4117012	28.6856308	4.678666115	1.344531059	0.971282216
2018-05-20T20:18:31+02:00	13.40661907	28.7298851	4.630386353	1.31726265	0.560585658
2018-05-20T20:28:31+02:00	13.40158272	28.73063087	4.668086052	1.31443119	0.557513467
2018-05-20T20:38:31+02:00	13.39615917	29.43053818	4.660189629	1.349896431	0.647090287
2018-05-20T20:48:31+02:00	13.39131546	29.42234421	4.65571785	1.333355904	0.698920697
2018-05-20T20:58:31+02:00	13.38510227	29.42889786	4.66704464	1.320987701	0.731448508
2018-05-20T21:08:31+02:00	13.37714481	29.41712761	4.632622719	1.338273048	0.978764839
2018-05-20T21:18:31+02:00	13.3697834	29.42398453	4.661679268	1.344085693	0.801238459
2018-05-20T21:28:31+02:00	13.3618412	29.44990921	4.664509773	1.340954781	0.804693687
2018-05-20T21:38:31+02:00	13.3543911	29.40863419	4.625170708	1.354068756	0.717855631
2018-05-20T21:48:31+02:00	13.34330463	29.32250595	4.634559631	1.321583748	0.766200565
2018-05-20T21:58:31+02:00	13.33452797	29.33069992	4.647224426	1.287758827	0.727856925
2018-05-20T22:08:31+02:00	13.3256321	29.4844799	4.652441025	1.287460327	0.963675063
2018-05-20T22:18:31+02:00	13.31856823	29.37197876	4.598794937	1.317411423	0.934830487
2018-05-20T22:28:31+02:00	13.3130846	29.4171257	4.614740372	1.280456543	0.859425483
2018-05-20T22:38:31+02:00	13.30959797	29.42725754	4.597307205	1.272111893	1.003876709
2018-05-20T22:48:31+02:00	13.30697536	29.40714264	4.659145355	1.282096863	0.827628806
2018-05-20T22:58:31+02:00	13.30634975	29.56628799	4.637539864	1.34438324	0.638349673
2018-05-20T23:08:31+02:00	13.30502319	29.56584167	4.625319481	1.345425606	0.770300091
2018-05-20T23:18:31+02:00	13.30566406	29.72871017	4.61965847	1.356005669	0.962717613
2018-05-20T23:28:31+02:00	13.30603695	29.47211075	4.605949402	1.372546196	0.651909285
2018-05-20T23:38:31+02:00	13.30420399	29.50415039	4.595368385	1.362710953	0.579774515
2018-05-20T23:48:31+02:00	13.30344391	29.52903366	4.615337372	1.365095139	0.571321931
2018-05-20T23:58:31+02:00	13.3010149	29.48716354	4.603266716	1.379847527	0.610908241
2018-05-21T00:08:31+02:00	13.29830265	29.20910645	4.612356186	1.375079155	1.104698868
2018-05-21T00:18:31+02:00	13.29475594	28.97143555	4.590600014	1.371055603	0.320502333
2018-05-21T00:28:31+02:00	13.28949642	29.35707664	4.596411705	1.381635666	0.532469828
2018-05-21T00:38:31+02:00	13.28639698	29.61605835	4.595070839	1.35317421	0.465188066
2018-05-21T00:48:31+02:00	13.28484726	29.50966454	4.605501175	1.348554611	0.376787762
2018-05-21T00:58:31+02:00	13.28389359	29.18258095	4.574655533	1.366287231	0.613269762
2018-05-21T01:08:31+02:00	13.28325272	29.29210663	4.564225197	1.380145073	0.531149846
2018-05-21T01:18:31+02:00	13.28249264	29.26483727	4.565865517	1.365541458	0.436558133
2018-05-21T01:28:31+02:00	13.28159904	29.73332977	4.533082008	1.391172409	0.56680173

2018-05-21T01:38:31+02:00	13.28098774	29.77013588	4.571229935	1.353621483	0.433111039
2018-05-21T01:48:31+02:00	13.27934837	29.73869705	4.532784462	1.368372917	0.500356808
2018-05-21T01:58:31+02:00	13.27425194	29.80157852	4.57346344	1.396536827	0.459939956
2018-05-21T02:08:31+02:00	13.2678299	29.70963669	4.552900314	1.338422775	0.382920259
2018-05-21T02:18:31+02:00	13.26014137	29.71902275	4.567951202	1.375079155	0.487939282
2018-05-21T02:28:31+02:00	13.25026131	29.76104546	4.550964355	1.398176193	0.433501554
2018-05-21T02:38:31+02:00	13.24079895	29.8471756	4.553347588	1.367926598	0.561674804
2018-05-21T02:48:31+02:00	13.23111343	29.80366516	4.537701607	1.365095139	0.567444749
2018-05-21T02:58:31+02:00	13.22075748	29.85954094	4.522801399	1.396089554	0.673434003
2018-05-21T03:08:31+02:00	13.21241283	29.74674034	4.51937294	1.354814529	0.429380004
2018-05-21T03:18:31+02:00	13.20283127	29.79636383	4.519968987	1.368522644	0.424991857
2018-05-21T03:28:31+02:00	13.19544029	29.75702286	4.49150753	1.379698753	0.813729468
2018-05-21T03:38:31+02:00	13.18837738	29.82616425	4.498511314	1.358985901	0.708719247
2018-05-21T03:48:31+02:00	13.18241692	29.7239418	4.504621506	1.365691185	0.580078327
2018-05-21T03:58:31+02:00	13.17434025	29.80843163	4.510879517	1.364796638	0.575574781
2018-05-21T04:08:31+02:00	13.16735172	29.74316406	4.498064995	1.370758057	0.470366501
2018-05-21T04:18:31+02:00	13.16173363	29.70725441	4.496275902	1.368671417	0.578594985
2018-05-21T04:28:31+02:00	13.15516281	29.71008682	4.469752312	1.33395195	0.44525022
2018-05-21T04:38:31+02:00	13.15000629	29.71395874	4.493593216	1.36107254	0.504651654
2018-05-21T04:48:31+02:00	13.14429951	29.67759705	4.494338989	1.383572578	0.380314533
2018-05-21T04:58:31+02:00	13.13915825	29.65733337	4.468560219	1.364796638	0.552692249
2018-05-21T05:08:31+02:00	13.13446426	29.72140884	4.474372864	1.339466095	0.445445469
2018-05-21T05:18:31+02:00	13.1303072	29.60070801	4.43875885	1.340657234	0.405338821
2018-05-21T05:28:31+02:00	13.12762451	29.62335968	4.452615738	1.341550827	0.677378657
2018-05-21T05:38:31+02:00	13.12433147	29.56822395	4.446954727	1.346617699	0.463266545
2018-05-21T05:48:31+02:00	13.1223793	29.56181908	4.452764511	1.338124275	0.516791493
2018-05-21T05:58:31+02:00	13.12196255	29.61009789	4.45827961	1.337230682	0.481955896
2018-05-21T06:08:31+02:00	13.12059212	29.63051414	4.426688194	1.335740089	0.521695432
2018-05-21T06:18:31+02:00	13.12074089	29.51994705	4.439651489	1.347064972	0.603090304
2018-05-21T06:28:31+02:00	13.1185503	29.57269669	4.418193817	1.34408474	0.493425664
2018-05-21T06:38:31+02:00	13.11679173	29.51085663	4.423856735	1.360625267	0.495064771
2018-05-21T06:48:31+02:00	13.11631489	29.51830673	4.388093948	1.358539581	0.489845001
2018-05-21T06:58:31+02:00	13.11379623	29.53901672	4.380345345	1.341701508	0.75865079
2018-05-21T07:08:31+02:00	13.1131115	29.52680016	4.387498856	1.36256218	0.598421973
2018-05-21T07:18:31+02:00	13.11346912	29.50862122	4.418491364	1.344532013	0.490379879
2018-05-21T07:28:31+02:00	13.11317062	29.48120499	4.40180397	1.350492477	0.495100346
2018-05-21T07:38:31+02:00	13.11376667	29.43024063	4.40225029	1.327842712	0.771288797
2018-05-21T07:48:31+02:00	13.11655331	29.44722748	4.377812386	1.352726936	0.546461341
2018-05-21T07:58:31+02:00	13.1195631	29.10107422	4.386603355	1.320391655	0.536984071
2018-05-21T08:08:31+02:00	13.12252903	29.19659042	4.387795448	1.340359688	0.60686471
2018-05-21T08:18:31+02:00	13.12895107	29.24561691	4.355312347	1.334845543	0.89858979
2018-05-21T08:28:31+02:00	13.13962078	29.18228531	4.357398033	1.337975502	0.618513374
2018-05-21T08:38:31+02:00	13.15382099	29.22013474	4.350839615	1.348555565	0.561389254
2018-05-21T08:48:31+02:00	13.17115116	29.15143967	4.34711647	1.318603516	0.597206192
2018-05-21T08:58:31+02:00	13.19035912	29.00168419	4.325656891	1.376718521	0.619193517
2018-05-21T09:08:31+02:00	13.20929813	29.01568794	4.334747314	1.34438324	0.677378657
2018-05-21T09:18:31+02:00	13.22899723	29.02567291	4.330129623	1.361965179	0.720961702
2018-05-21T09:28:31+02:00	13.25647545	28.89171219	4.31999588	1.355260849	0.534807134
2018-05-21T09:38:31+02:00	13.28891563	28.77444077	4.313886642	1.323074341	0.652840608
2018-05-21T09:48:31+02:00	13.31594563	28.69620895	4.310756683	1.319199562	0.699656556

2018-05-21T09:58:31+02:00	13.34935379	28.71543121	4.288106918	1.337825775	0.615095255
2018-05-21T10:08:31+02:00	13.38374615	28.59681892	4.273802757	1.292377472	0.564336809
2018-05-21T10:18:31+02:00	13.41505337	28.56194878	4.275144577	1.316220284	0.563210975
2018-05-21T10:28:31+02:00	13.42849445	28.52946663	4.283934593	1.323223114	0.597867528
2018-05-21T10:38:31+02:00	13.45308113	28.37911224	4.222690582	1.31726265	0.573662588
2018-05-21T10:48:31+02:00	13.4837923	28.34007263	4.233271599	1.319199562	0.579953416
2018-05-21T10:58:31+02:00	13.50440121	28.30937576	4.217475891	1.318454742	0.71406788
2018-05-21T11:08:31+02:00	13.5219841	28.46121597	4.222989082	1.342445374	0.892312189
2018-05-21T11:18:31+02:00	13.53679562	27.91643143	4.266201973	1.327544212	0.800176617
2018-05-21T11:28:31+02:00	13.55578041	27.7052803	4.210918427	1.353770256	0.905120552
2018-05-21T11:38:31+02:00	13.56995106	27.64403915	4.213601112	1.347512245	0.779812221
2018-05-21T11:48:31+02:00	13.58020306	27.82881355	4.25696373	1.337528229	0.987061845
2018-05-21T11:58:31+02:00	13.58988857	28.44542313	4.225671768	1.341253281	0.798161734
2018-05-21T12:08:31+02:00	13.59823322	28.41800499	4.227310181	1.316666603	0.798953118
2018-05-21T12:18:31+02:00	13.61149597	28.06782722	4.211514473	1.314282417	0.707013745
2018-05-21T12:28:31+02:00	13.62812519	27.907938	4.195868492	1.312195778	0.945375725
2018-05-21T12:38:31+02:00	13.64728832	27.72763252	4.200190544	1.301616669	0.746861804
2018-05-21T12:48:31+02:00	13.66436481	27.61706734	4.205256462	1.289844513	0.698597788
2018-05-21T12:58:31+02:00	13.67910194	27.56744576	4.21091938	1.288057327	0.758040196
2018-05-21T13:08:31+02:00	13.69401836	27.48623276	4.190206528	1.305936813	0.764528579
2018-05-21T13:18:31+02:00	13.69085884	27.40159798	4.206300735	1.283138275	0.756655701
2018-05-21T13:28:31+02:00	13.7004261	27.3294754	4.181564331	1.293122292	1.192856544
2018-05-21T13:38:31+02:00	13.70084286	27.28015137	4.156381607	1.285224915	0.683224924
2018-05-21T13:48:31+02:00	13.7072506	27.26629448	4.168897629	1.280456543	0.806223304
2018-05-21T13:58:31+02:00	13.70640087	27.45375061	4.201383591	1.307725906	0.621018686
2018-05-21T14:08:31+02:00	13.70917225	27.59396935	4.162043571	1.291930199	0.758992672
2018-05-21T14:18:31+02:00	13.69997883	27.71750259	4.159510612	1.293420792	0.852811735
2018-05-21T14:28:31+02:00	13.69214058	27.75669098	4.187226295	1.330375671	0.534806905
2018-05-21T14:38:31+02:00	13.67908669	27.80884552	4.200338364	1.331120491	0.675227259
2018-05-21T14:48:31+02:00	13.66804504	27.86830139	4.184841156	1.321285248	0.631222846
2018-05-21T14:58:31+02:00	13.65764427	27.90644646	4.204809189	1.30787468	0.797837908
2018-05-21T15:08:31+02:00	13.64968681	27.96977997	4.182309151	1.315325737	0.58410026
2018-05-21T15:18:31+02:00	13.64439774	28.02074051	4.200040817	1.315921783	1.634322377
2018-05-21T15:28:31+02:00	13.6391077	28.01492691	4.187226295	1.31621933	0.549924886
2018-05-21T15:38:31+02:00	13.63365364	28.05352211	4.166959763	1.302211761	0.68100106
2018-05-21T15:48:31+02:00	13.62934685	28.04636765	4.213153839	1.316965103	0.890635124
2018-05-21T15:58:31+02:00	13.62678432	28.06425095	4.1733675	1.33529377	0.693484486
2018-05-21T16:08:31+02:00	13.62116623	27.97320557	4.175455093	1.310854912	0.604628721
2018-05-21T16:18:31+02:00	13.61539936	28.01612091	4.187672615	1.330971718	0.602500053
2018-05-21T16:28:31+02:00	13.60946846	27.98959541	4.196465492	1.315624237	0.572501155
2018-05-21T16:38:31+02:00	13.6087389	28.15410423	4.181713104	1.325756073	0.893773213
2018-05-21T16:48:31+02:00	13.60872364	28.15931892	4.21270752	1.321136475	0.652787402
2018-05-21T16:58:31+02:00	13.60696602	28.06067276	4.172177315	1.320541382	0.587836027
2018-05-21T17:08:31+02:00	13.60812759	28.01179695	4.205108643	1.32381916	0.664739948
2018-05-21T17:18:31+02:00	13.59091663	28.07676888	4.13924408	1.33365345	0.644492948
2018-05-21T17:28:31+02:00	13.59193039	28.09107208	4.142672539	1.31592083	0.615023562
2018-05-21T17:38:31+02:00	13.58674431	27.99943161	4.172176361	1.327991486	0.661280886
2018-05-21T17:48:31+02:00	13.58242321	28.04055786	4.196464539	1.320392609	0.696534551
2018-05-21T17:58:31+02:00	13.57811737	28.06812477	4.156230927	1.337528229	0.682417814
2018-05-21T18:08:31+02:00	13.5687294	28.02759552	4.172176361	1.303404808	0.935624606

2018-05-21T18:18:31+02:00	13.55610752	28.07184982	4.157871246	1.292078972	0.724768612
2018-05-21T18:28:31+02:00	13.54244328	28.0748291	4.180371284	1.29908371	0.773967831
2018-05-21T18:38:31+02:00	13.52909184	28.0599308	4.151611328	1.301765442	0.830870227
2018-05-21T18:48:31+02:00	13.51729012	28.13786125	4.169642448	1.301616669	0.800320805
2018-05-21T18:58:31+02:00	13.50793266	28.09286118	4.197210312	1.314579964	0.951228022
2018-05-21T19:08:31+02:00	13.50051117	28.06201553	4.195273399	1.297593117	1.01778577
2018-05-21T19:18:31+02:00	13.49174976	28.07349014	4.176646233	1.276880264	0.758596954
2018-05-21T19:28:31+02:00	13.48191452	28.1174469	4.12911129	1.318902016	1.176973117
2018-05-21T19:38:31+02:00	13.4740324	28.05203247	4.19318676	1.303106308	0.589713477
2018-05-21T19:48:31+02:00	13.46450996	28.06842232	4.181862831	1.285373688	0.599369956
2018-05-21T19:58:31+02:00	13.4545269	28.02178192	4.20182991	1.303852081	0.666191775
2018-05-21T20:08:31+02:00	13.44344044	28.19701767	4.160851479	1.256465912	0.613788768
2018-05-21T20:18:31+02:00	13.43250275	28.20581055	4.177242279	1.318603516	0.706296101
2018-05-21T20:28:31+02:00	13.42283154	28.12147331	4.179328918	1.316666603	0.765373536
2018-05-21T20:38:31+02:00	13.41453171	28.07661819	4.169940948	1.332312584	0.49798661
2018-05-21T20:48:31+02:00	13.40769196	28.24053001	4.150867462	1.347809792	0.466344881
2018-05-21T20:58:31+02:00	13.40037537	28.16304588	4.174411774	1.332909584	0.566194397
2018-05-21T21:08:31+02:00	13.39618874	28.16453552	4.164130211	1.353621483	0.613699442
2018-05-21T21:18:31+02:00	13.39183712	28.14754677	4.159360886	1.347661018	0.517772479
2018-05-21T21:28:31+02:00	13.39064503	28.097332	4.161746025	1.331121445	0.576610988
2018-05-21T21:38:31+02:00	13.38905144	28.07900238	4.19348526	1.300424576	0.577004436
2018-05-21T21:48:31+02:00	13.38568306	28.03549194	4.169046402	1.340508461	0.616329874
2018-05-21T21:58:31+02:00	13.3831501	27.99853516	4.176647186	1.321286201	0.697395748
2018-05-21T22:08:31+02:00	13.37957382	27.92790413	4.186332703	1.320242882	0.684928734
2018-05-21T22:18:31+02:00	13.37480545	27.86964417	4.13715744	1.329482079	0.549800111
2018-05-21T22:28:31+02:00	13.3710947	27.92164612	4.127770424	1.326799393	0.623775322
2018-05-21T22:38:31+02:00	13.36990261	27.96083832	4.098117828	1.311004639	0.544694435
2018-05-21T22:48:31+02:00	13.36775684	27.87917709	4.098863602	1.315624237	0.578523382
2018-05-21T22:58:31+02:00	13.37185478	27.92313766	4.107803345	1.356750488	0.948843913
2018-05-21T23:08:31+02:00	13.38042355	27.85757065	4.108101845	1.358389854	0.913331198
2018-05-21T23:18:31+02:00	13.37607193	27.78515244	4.099308968	1.357942581	0.789129742
2018-05-21T23:28:31+02:00	13.36953068	27.66505051	4.099309921	1.381337166	0.872295387
2018-05-21T23:38:31+02:00	13.37064838	27.78768539	4.089772224	1.395493507	1.033943098
2018-05-21T23:48:31+02:00	13.37841129	27.94444466	4.081726074	1.470745087	0.88560296
2018-05-21T23:58:31+02:00	13.39936256	27.83969116	4.096923828	1.563876152	2.097708071
2018-05-22T00:08:31+02:00	13.43427563	27.26808167	4.168153763	1.831800461	7.847445925
2018-05-22T00:18:31+02:00	13.42770481	27.22561264	4.017502785	1.540482521	1.733319592
2018-05-22T00:28:31+02:00	13.39568233	26.8799057	4.005581856	1.482367516	1.435633943
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2018-05-22T00:58:31+02:00	13.34713364	26.55461311	4.031955719	1.415460587	1.219369569
2018-05-22T01:08:31+02:00	13.33959389	26.59305954	4.038811684	1.38819313	1.273381398
2018-05-22T01:18:31+02:00	13.33826828	26.5467186	4.05758667	1.408011436	1.370540549
2018-05-22T01:28:31+02:00	13.34343815	26.31977081	4.040300369	1.418888092	1.266726525
2018-05-22T01:38:31+02:00	13.3772049	27.37492371	3.951935768	1.492053032	1.518596171
2018-05-22T01:48:31+02:00	13.42405415	28.454216	3.931671143	1.507401466	1.546481495
2018-05-22T01:58:31+02:00	13.45086098	29.04400253	3.882497787	1.445859909	1.719950617
2018-05-22T02:08:31+02:00	13.45194912	28.77101135	3.836750984	1.38908577	1.939577273
2018-05-22T02:18:31+02:00	13.44530296	28.13696861	3.779380798	1.336186409	1.883693202
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2018-05-22T02:48:31+02:00	13.46120262	27.53511047	3.737808228	1.18091774	3.337245425
2018-05-22T02:58:31+02:00	13.46521091	27.30548477	3.769994736	1.128465652	4.421173855
2018-05-22T03:08:31+02:00	13.46647739	27.19745064	3.679394722	1.115054131	4.643357782
2018-05-22T03:18:31+02:00	13.46634293	27.01818848	3.678947449	1.13383007	5.137910715
2018-05-22T03:28:31+02:00	13.46541977	26.6911087	3.628581047	1.098215103	6.064289078
2018-05-22T03:38:31+02:00	13.46774387	27.67875862	3.626942635	1.11624527	6.588694621
2018-05-22T03:48:31+02:00	13.47497082	27.22829437	3.714115143	1.138747215	5.885082424
2018-05-22T03:58:31+02:00	13.48333073	27.02236366	3.733337402	1.13323307	7.978783973
2018-05-22T04:08:31+02:00	13.49188423	26.91194153	3.761946678	1.151263237	8.700979619
2018-05-22T04:18:31+02:00	13.49709892	26.43853378	3.779829025	1.139194489	8.594363992
2018-05-22T04:28:31+02:00	13.50210571	27.53764343	3.828107834	1.09910965	10.91023085
2018-05-22T04:38:31+02:00	13.49972153	27.35465622	4.18350029	1.262277603	11.84261751
2018-05-22T04:48:31+02:00	13.48625088	26.58784485	3.686248779	1.235604286	12.89613542
2018-05-22T04:58:31+02:00	13.47070885	25.70778275	3.672689438	1.233517647	17.60120347
2018-05-22T05:08:31+02:00	13.46127701	23.76645851	3.980995178	1.220703125	22.61819661
2018-05-22T05:18:31+02:00	13.45463085	23.33074951	4.091561317	1.166015625	29.96475102
2018-05-22T05:28:31+02:00	13.44682312	22.36619568	4.088878632	1.201182365	30.52663677
2018-05-22T05:38:31+02:00	13.44172668	20.79188919	4.232228279	1.199245453	27.39056614
2018-05-22T05:48:31+02:00	13.44005775	20.91914368	4.378408432	1.206546783	23.65255719
2018-05-22T05:58:31+02:00	13.44239712	21.6776123	4.186182022	1.249014854	21.27946953
2018-05-22T06:08:31+02:00	13.44233704	21.83154297	4.214346886	1.275241852	26.37270222
2018-05-22T06:18:31+02:00	13.44676304	21.68923569	4.249363899	1.26078701	29.89931838
2018-05-22T06:28:31+02:00	13.45166588	20.73466873	4.184096336	1.248568535	21.61563804
2018-05-22T06:38:31+02:00	13.4442749	20.2029953	4.050134659	1.259594917	19.33012671
2018-05-22T06:48:31+02:00	13.43518448	19.83866119	3.885328293	1.166164398	22.36419739
2018-05-22T06:58:31+02:00	13.42761517	19.49831772	3.786385536	1.233517647	19.51229746
2018-05-22T07:08:31+02:00	13.42111778	19.65209579	3.688185692	1.225769997	18.67408634
2018-05-22T07:18:31+02:00	13.41690159	19.2423172	3.571511269	1.204311371	19.72959214
2018-05-22T07:28:31+02:00	13.41299725	19.3730011	3.481358528	1.141428947	19.00669767
2018-05-22T07:38:31+02:00	13.41077709	19.23635483	3.316402435	1.119822502	20.75503174
2018-05-22T07:48:31+02:00	13.40977859	19.26660538	3.270208359	1.17987442	21.30749203
2018-05-22T07:58:31+02:00	13.40773678	18.95233917	3.253071785	1.242160797	17.29812185
2018-05-22T08:08:31+02:00	13.40569592	18.84415627	3.541559219	1.395047188	23.07533845
2018-05-22T08:18:31+02:00	13.40250683	18.77397156	3.674179077	1.784711838	27.16167257
2018-05-22T08:28:31+02:00	13.39758968	18.79751587	3.650337219	2.210289001	25.65563753
2018-05-22T08:38:31+02:00	13.39232922	18.98437881	3.668964386	2.555847168	24.60354
2018-05-22T08:48:31+02:00	13.3851614	18.8347702	3.688782692	2.5591259	22.9627249
2018-05-22T08:58:31+02:00	13.38402939	18.66102028	3.612339973	2.692937851	19.8933908
2018-05-22T09:08:31+02:00	13.37946987	18.59069061	3.706068039	2.69606781	17.80233882
2018-05-22T09:18:31+02:00	13.37812805	18.59545517	3.87638855	2.654641151	18.03124365
2018-05-22T09:28:31+02:00	13.38115311	18.51454544	4.164725304	2.524256706	18.29906331
2018-05-22T09:38:31+02:00	13.38660717	18.47401237	4.41163826	2.52336216	17.99566724
2018-05-22T09:48:31+02:00	13.39055634	18.74983215	4.641860962	2.626031876	17.84118694
2018-05-22T09:58:31+02:00	13.40325165	18.76071167	4.986673355	2.561807632	17.38057336
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2018-05-22T10:18:31+02:00	13.42937374	19.14531136	6.013662338	2.528577805	19.48180314
2018-05-22T10:28:31+02:00	13.43689823	18.93907547	6.287246704	2.508759499	22.0657468
2018-05-22T10:38:31+02:00	13.4637804	18.53197861	6.482005119	2.597272873	23.98637484
2018-05-22T10:48:31+02:00	13.46179867	19.19359016	6.549655914	2.737641335	26.76725024

2018-05-22T10:58:31+02:00	13.46726704	19.18420219	6.573647499	2.892464638	26.58225346
2018-05-22T11:08:31+02:00	13.45369244	19.46553802	6.551892281	2.970397949	30.06916898
2018-05-22T11:18:31+02:00	13.46981525	19.40742111	6.3718853	3.134609222	30.50208079
2018-05-22T11:28:31+02:00	13.48255539	19.21772766	6.057024002	3.224908829	31.31068095
2018-05-22T11:38:31+02:00	13.46664143	18.85279846	5.754232407	3.28674984	29.92314593
2018-05-22T11:48:31+02:00	13.45196342	18.33021736	5.458742142	3.373771667	30.92272165
2018-05-22T11:58:31+02:00	13.45007133	19.01954651	5.207658768	3.447680473	29.92644236
2018-05-22T12:08:31+02:00	13.45030975	18.94816971	5.052833557	3.462881088	24.66583417
2018-05-22T12:18:31+02:00	13.45433331	18.70438385	4.906206131	3.456175804	23.17794078
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2018-05-22T12:58:31+02:00	13.4925251	17.83162308	4.590898514	3.369896889	20.54609954
2018-05-22T13:08:31+02:00	13.46908474	17.67829132	4.478990555	3.376602173	20.59951381
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2018-05-22T13:28:31+02:00	13.43221951	17.14661789	4.270225525	3.32161808	19.63324613
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2018-05-22T14:08:31+02:00	13.43901443	15.60181332	3.923773766	3.201215744	17.63544483
2018-05-22T14:18:31+02:00	13.4363327	15.33061218	3.862381935	3.198534012	17.45618205
2018-05-22T14:28:31+02:00	13.43438053	15.03035355	3.824682236	3.153831482	16.06717682
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2018-05-22T14:58:31+02:00	13.42602062	14.14373589	3.697424889	3.096611023	15.11147507
2018-05-22T15:08:31+02:00	13.4285984	13.86344337	3.593416214	3.065318108	16.17414149
2018-05-22T15:18:31+02:00	13.43227959	13.45083046	3.572105408	3.037154198	14.75585682
2018-05-22T15:28:31+02:00	13.42922401	13.28825951	3.54722023	2.995728493	16.2801146
2018-05-22T15:38:31+02:00	13.42897129	13.17590427	3.526358604	3.012568474	14.66968889
2018-05-22T15:48:31+02:00	13.42424774	12.92452145	3.524422646	2.932250977	15.27984377
2018-05-22T15:58:31+02:00	13.41815281	12.81499863	3.466306686	2.915709496	14.51681316
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2018-05-22T16:18:31+02:00	13.41943455	12.26440048	3.432481766	2.872794151	14.53281312
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2018-05-22T16:48:31+02:00	13.40739441	11.9261446	3.388525009	2.796649933	14.30180227
2018-05-22T16:58:31+02:00	13.40474224	11.88293076	3.36632061	2.755820274	16.86384698
2018-05-22T17:08:31+02:00	13.40462303	11.7456913	3.383009911	2.743453026	14.51926074
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2018-05-22T17:28:31+02:00	13.40313244	11.59355164	3.337711334	2.727658272	14.08037346
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2018-05-22T17:48:31+02:00	13.40237236	11.30133915	3.289134026	2.633184433	13.68572616
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2018-05-22T18:08:31+02:00	13.40748405	11.23845673	3.276467323	2.591758728	13.39141893
2018-05-22T18:18:31+02:00	13.39605427	11.11313725	3.262162209	2.598165512	12.93895057
2018-05-22T18:28:31+02:00	13.38343334	10.71855354	3.294050217	2.549290657	13.85590878
2018-05-22T18:38:31+02:00	13.37812805	10.57401276	3.241746902	2.541840553	13.05271466
2018-05-22T18:48:31+02:00	13.37574387	10.69992733	3.276021004	2.453773499	12.94891451
2018-05-22T18:58:31+02:00	13.37079716	10.61171341	3.25888443	2.494305611	13.27109743
2018-05-22T19:08:31+02:00	13.36763763	10.40235138	3.269612312	2.446620941	13.24489939

2018-05-22T19:18:31+02:00	13.36799526	9.897799492	3.24845314	2.417564392	13.43687781
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2018-05-22T19:38:31+02:00	13.3605299	10.13726044	3.250538826	2.4327631	13.50433199
2018-05-22T19:48:31+02:00	13.35886097	10.18226242	3.2293787	2.39715004	14.50207626
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2018-05-22T20:18:31+02:00	13.34945869	9.964108467	3.22163105	2.364813805	13.32394247
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2018-05-22T20:38:31+02:00	13.34135246	9.98169136	3.191232681	2.321600914	13.45181428
2018-05-22T20:48:31+02:00	13.33765697	9.79483223	3.181100845	2.311020851	13.32156083
2018-05-22T20:58:31+02:00	13.33318615	9.454935074	3.204345703	2.317577362	14.13698171
2018-05-22T21:08:31+02:00	13.32855225	9.269416809	3.233700752	2.294182777	14.67998167
2018-05-22T21:18:31+02:00	13.32215977	9.308904648	3.228784561	2.270192146	14.05106492
2018-05-22T21:28:31+02:00	13.31648254	9.087026596	3.255904198	2.223104477	14.26537729
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2018-05-22T21:48:31+02:00	13.30344391	9.239017487	3.204048157	2.25246048	13.21159746
2018-05-22T21:58:31+02:00	13.29581451	8.974969864	3.154724121	2.230554581	12.06798637
2018-05-22T22:08:31+02:00	13.28891563	8.855313301	3.162176132	2.203732491	13.60597907
2018-05-22T22:18:31+02:00	13.28308868	8.998661041	3.191976547	2.20656395	13.62969829
2018-05-22T22:28:31+02:00	13.27693462	8.833258629	3.191082954	2.203286171	14.272732
2018-05-22T22:38:31+02:00	13.27267265	8.821785927	3.176778793	2.182126045	13.84881291
2018-05-22T22:48:31+02:00	13.26924515	8.862167358	3.179311752	2.179593086	14.1041971
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2018-05-22T23:08:31+02:00	13.26130295	8.527636528	3.07559967	2.112388611	16.27758049
2018-05-22T23:18:31+02:00	13.25812912	8.701086998	2.899317741	2.232492447	11.78563805
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2018-05-22T23:38:31+02:00	13.25170708	8.971542358	2.887397766	2.328604698	9.006622088
2018-05-22T23:48:31+02:00	13.24801159	8.891076088	2.855957031	2.316386223	10.24034235
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2018-05-23T00:48:31+02:00	13.23732758	8.905827522	2.836883545	2.258568764	10.06538039
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2018-05-23T01:08:31+02:00	13.23479462	8.687376022	2.827643394	2.204478264	10.95394726
2018-05-23T01:18:31+02:00	13.23147106	8.692443848	2.828389168	2.202391624	10.27946064
2018-05-23T01:28:31+02:00	13.22877407	8.67530632	2.821386337	2.188235283	10.12230128
2018-05-23T01:38:31+02:00	13.22820759	8.64773941	2.832561493	2.177506447	10.14876797
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2018-05-23T01:58:31+02:00	13.22880363	8.496940613	2.82153511	2.138465881	9.914634034
2018-05-23T02:08:31+02:00	13.227314	8.533149719	2.861470222	2.099573135	9.713388208
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2018-05-23T02:38:31+02:00	13.22174072	8.309335709	2.839715004	2.052186966	9.805130914
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2018-05-23T02:58:31+02:00	13.2237072	7.840543747	2.863109589	2.035349846	10.21115974
2018-05-23T03:08:31+02:00	13.22387123	8.037388802	2.878904343	2.02402401	10.68545381
2018-05-23T03:18:31+02:00	13.22312641	8.228569984	2.889335632	2.015084267	10.23131228
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2018-05-23T03:58:31+02:00	13.21357536	8.166432381	2.895892143	1.950115204	10.643904
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2018-05-23T04:18:31+02:00	13.21010303	8.193702698	2.91317749	1.946092606	11.12407146
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2018-05-23T04:38:31+02:00	13.21363449	8.173435211	2.909005165	1.914650917	10.91003768
2018-05-23T04:48:31+02:00	13.2152586	8.30411911	2.892464638	1.912861824	10.61989994
2018-05-23T04:58:31+02:00	13.21740437	8.274316788	2.925098419	1.88693428	11.3614897
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2018-05-23T05:18:31+02:00	13.21716595	8.217544556	2.952516556	1.85176754	11.64607423
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2018-05-23T05:38:31+02:00	13.21670437	8.209348679	2.944022179	1.817196846	10.91021015
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2018-05-23T05:58:31+02:00	13.21780682	8.054227829	2.943723679	1.821816444	11.26132389
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2018-05-23T06:28:31+02:00	13.22217274	7.842183113	2.958476067	1.779943466	11.74118706
2018-05-23T06:38:31+02:00	13.22342491	7.752775192	2.982318878	1.771747589	11.66183274
2018-05-23T06:48:31+02:00	13.22324562	7.900892258	2.95832634	1.720786095	11.90973462
2018-05-23T06:58:31+02:00	13.2243042	7.719994545	2.977549553	1.735240936	13.11956807
2018-05-23T07:08:31+02:00	13.2258091	7.673352242	2.970694542	1.710355759	11.84217193
2018-05-23T07:18:31+02:00	13.22714996	7.724165916	2.969652176	1.740902901	11.76476271
2018-05-23T07:28:31+02:00	13.22938538	7.555782318	2.967119217	1.690238953	11.86581197
2018-05-23T07:38:31+02:00	13.23120308	7.594377518	2.952814102	1.688152313	12.31585472
2018-05-23T07:48:31+02:00	13.23299122	7.462054253	2.933591843	1.704692841	12.43449295
2018-05-23T07:58:31+02:00	13.23521137	7.552951813	2.961009026	1.663863182	12.23796757
2018-05-23T08:08:31+02:00	13.23434734	7.528812408	2.975165367	1.666247368	12.79301136
2018-05-23T08:18:31+02:00	13.23488331	7.590204239	2.990663528	1.640469551	12.63600487
2018-05-23T08:28:31+02:00	13.23749161	7.547288895	2.983808517	1.655518532	12.82457719
2018-05-23T08:38:31+02:00	13.24185753	7.622242928	2.977550507	1.6695261	12.89261309
2018-05-23T08:48:31+02:00	13.24693871	7.625370979	2.969353676	1.642853737	12.47501939
2018-05-23T08:58:31+02:00	13.2578764	7.534175873	2.985447884	1.626759529	12.67428891
2018-05-23T09:08:31+02:00	13.27087021	7.565916061	2.971887589	1.62318325	12.54879695
2018-05-23T09:18:31+02:00	13.2856369	7.476657867	2.93239975	1.608878136	12.69418766
2018-05-23T09:28:31+02:00	13.30128288	7.361768723	2.960412979	1.587121964	12.59874983
2018-05-23T09:38:31+02:00	13.30356312	7.849932671	2.987532616	1.605897903	12.58676411
2018-05-23T09:48:31+02:00	13.3127718	7.621794701	2.959220886	1.590699196	13.60336374
2018-05-23T09:58:31+02:00	13.31995392	7.809250832	2.982914925	1.62348175	14.26516267
2018-05-23T10:08:31+02:00	13.31575203	7.744581223	2.978593826	1.609175682	14.25893281
2018-05-23T10:18:31+02:00	13.31299591	7.822065353	2.978294373	1.598596573	14.86407608
2018-05-23T10:28:31+02:00	13.31353188	7.818490982	2.962053299	1.581608772	14.96779009
2018-05-23T10:38:31+02:00	13.32585526	7.60749054	2.980381012	1.57758522	20.90065161
2018-05-23T10:48:31+02:00	13.32479668	7.495880127	3.00317955	1.537353516	14.7845491
2018-05-23T10:58:31+02:00	13.33798504	7.822363853	2.966226578	1.578033447	14.41818895
2018-05-23T11:08:31+02:00	13.35623837	7.808356285	2.954154968	1.537501335	14.58091368
2018-05-23T11:18:31+02:00	13.36662483	7.608085632	2.962797165	1.520067215	15.46060335
2018-05-23T11:28:31+02:00	13.37614632	7.684082031	2.919434547	1.534968376	15.23416242
2018-05-23T11:38:31+02:00	13.39356613	7.756650925	2.887397766	1.538843155	14.30015474
2018-05-23T11:48:31+02:00	13.39445972	7.890313148	2.889633179	1.538991928	14.83978604

2018-05-23T11:58:31+02:00	13.40581512	7.824897766	2.883821487	1.531839371	15.40842743
2018-05-23T12:08:31+02:00	13.42010498	8.004158974	2.894104004	1.503973961	15.15885521
2018-05-23T12:18:31+02:00	13.42683983	7.950663567	2.902299881	1.542121887	17.10661375
2018-05-23T12:28:31+02:00	13.41493416	8.007287979	2.907365799	1.53288269	15.2579843
2018-05-23T12:38:31+02:00	13.41237164	7.918775558	2.914369583	1.492797852	16.70480835
2018-05-23T12:48:31+02:00	13.42681026	7.85246563	2.936423302	1.508593559	16.52353004
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2018-05-23T13:08:31+02:00	13.42707825	7.800161362	2.936868668	1.537352562	16.00410911
2018-05-23T13:18:31+02:00	13.43511009	7.75948143	2.890824318	1.473277092	15.84209966
2018-05-23T13:28:31+02:00	13.43700314	7.733552933	2.900212288	1.490413666	15.68399232
2018-05-23T13:38:31+02:00	13.43537903	7.712989807	2.907664299	1.47819519	16.5182878
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2018-05-23T13:58:31+02:00	13.43800163	7.67856884	2.8860569	1.477450371	16.15512589
2018-05-23T14:08:31+02:00	13.43663025	7.711052895	2.910048485	1.47193718	16.34418775
2018-05-23T14:18:31+02:00	13.43314362	7.750540733	2.904831886	1.460463524	16.25513321
2018-05-23T14:28:31+02:00	13.42001534	7.733106613	2.895594597	1.483708382	16.62700197
2018-05-23T14:38:31+02:00	13.41064262	7.716863632	2.910643578	1.440793037	16.44273032
2018-05-23T14:48:31+02:00	13.41445732	7.615983009	2.900659561	1.429468155	16.36566496
2018-05-23T14:58:31+02:00	13.39755917	7.730872154	2.888440132	1.420825958	16.52830918
2018-05-23T15:08:31+02:00	13.37870979	7.663369179	2.901853561	1.441240311	16.81360055
2018-05-23T15:18:31+02:00	13.38173485	7.703303337	2.896785736	1.415312767	17.16850361
2018-05-23T15:28:31+02:00	13.38294125	7.764250755	2.913773537	1.439600945	17.2024084
2018-05-23T15:38:31+02:00	13.37955856	7.796882629	2.959220886	1.402199745	17.49555416
2018-05-23T15:48:31+02:00	13.38005066	7.828474045	2.96995163	1.425445557	18.02432556
2018-05-23T15:58:31+02:00	13.38988495	7.84903717	2.958774567	1.437067986	19.83501641
2018-05-23T16:08:31+02:00	13.3923893	7.768421173	2.95862484	1.426487923	18.25687986
2018-05-23T16:18:31+02:00	13.38715839	7.830708504	2.954303741	1.408755302	18.45853859
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2018-05-23T17:18:31+02:00	13.34752178	7.68765831	2.973377228	1.414418221	19.85717322
2018-05-23T17:28:31+02:00	13.34099483	7.634462357	2.993195534	1.388489723	19.87582088
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2018-05-23T17:48:31+02:00	13.34130764	7.383227348	2.979486465	1.364647865	20.36066361
2018-05-23T17:58:31+02:00	13.34571838	7.361621857	2.981870651	1.399964333	20.25576198
2018-05-23T18:08:31+02:00	13.35011387	7.295609474	2.979188919	1.382827759	20.80379196
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2018-05-23T18:38:31+02:00	13.34647846	7.232577324	2.988577843	1.351088524	21.12565165
2018-05-23T18:48:31+02:00	13.34047318	7.217676163	3.01465416	1.369714737	20.97031884
2018-05-23T18:58:31+02:00	13.33455753	7.279216766	2.966821671	1.340658188	21.45580855
2018-05-23T19:08:31+02:00	13.32889462	7.278619766	2.961307526	1.343935966	21.14543675
2018-05-23T19:18:31+02:00	13.32011795	7.330030441	2.996326447	1.3422966	21.55335368
2018-05-23T19:28:31+02:00	13.31396389	7.276387215	2.973526001	1.356154442	21.74028445
2018-05-23T19:38:31+02:00	13.30772018	7.236749649	2.990365982	1.346469879	21.09433551
2018-05-23T19:48:31+02:00	13.30462074	7.269978523	2.956985474	1.356154442	21.46005372
2018-05-23T19:58:31+02:00	13.30320549	7.207541466	2.945661545	1.346021652	21.47823641
2018-05-23T20:08:31+02:00	13.30138779	7.181614876	2.974569321	1.334100723	21.49927202

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2018-05-23T20:28:31+02:00	13.29661942	7.193983078	2.93075943	1.333504677	22.34089383
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2018-05-23T20:48:31+02:00	13.29249191	7.239282608	2.937167168	1.306533813	22.64113439
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2018-05-23T21:08:31+02:00	13.28757381	7.242560387	2.889334679	1.308172226	22.70084144
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2018-05-23T21:28:31+02:00	13.2861433	7.276534081	2.795755386	1.289993286	22.50508542
2018-05-23T21:38:31+02:00	13.28392315	7.27936554	2.821534157	1.312792778	22.65793291
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2018-05-23T21:58:31+02:00	13.27885723	7.162242889	2.784877777	1.276880264	23.59992829
2018-05-23T22:08:31+02:00	13.27635384	7.255374908	2.766996384	1.289099693	23.02844693
2018-05-23T22:18:31+02:00	13.27288151	7.249861717	2.783536911	1.295209885	23.07346814
2018-05-23T22:28:31+02:00	13.27009487	7.26848793	2.780556679	1.290739059	23.28644888
2018-05-23T22:38:31+02:00	13.26619053	7.684677124	2.669542313	1.238584518	31.62762268
2018-05-23T22:48:31+02:00	13.26224232	7.986128807	2.78562355	1.271515846	17.25161935
2018-05-23T22:58:31+02:00	13.25799561	7.881671906	2.781450272	1.312791824	17.24004332
2018-05-23T23:08:31+02:00	13.25285435	7.31483078	2.813041687	1.294464111	17.21591654
2018-05-23T23:18:31+02:00	13.24899483	7.387698174	2.80454731	1.298337936	16.90744762
2018-05-23T23:28:31+02:00	13.24430084	7.575006485	2.827346802	1.323223114	17.42429325
2018-05-23T23:38:31+02:00	13.23921967	7.358939171	2.847761154	1.337974548	18.06834772
2018-05-23T23:48:31+02:00	13.23555374	7.791520119	2.844632149	1.33529377	18.72921869
2018-05-23T23:58:31+02:00	13.23193359	7.782876968	2.820342064	1.340210915	18.54503349
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2018-05-24T00:18:31+02:00	13.22670269	8.072107315	2.819746971	1.347661018	17.90902045
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2018-05-24T00:48:31+02:00	13.2183733	8.511394501	2.899618149	1.350939751	17.66502314
2018-05-24T00:58:31+02:00	13.21543789	8.300840378	2.925247192	1.313835144	16.87943621
2018-05-24T01:08:31+02:00	13.21171188	8.32229805	2.881586075	1.342743874	16.40581386
2018-05-24T01:18:31+02:00	13.20917892	8.471460342	2.907067299	1.322477341	16.89798846
2018-05-24T01:28:31+02:00	13.20575142	8.463858604	2.955049515	1.339018822	17.58688385
2018-05-24T01:38:31+02:00	13.20193672	8.444787025	2.947300911	1.338869095	18.8392422
2018-05-24T01:48:31+02:00	13.19982147	8.371471405	2.955199242	1.34304142	17.72800977
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2018-05-24T02:08:31+02:00	13.19608116	8.136482239	2.897380829	1.367777824	18.93820498
2018-05-24T02:18:31+02:00	13.19246006	8.140207291	2.962350845	1.38133812	18.28556924
2018-05-24T02:28:31+02:00	13.19083595	8.12336731	2.93970108	1.353621483	19.090824
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2018-05-24T02:48:31+02:00	13.18679714	8.274763107	2.960115433	1.340806961	18.93877236
2018-05-24T02:58:31+02:00	13.18374252	8.230359077	2.94908905	1.367480278	18.92841522
2018-05-24T03:08:31+02:00	13.17968941	8.254051208	3.005563736	1.340359688	19.74718001
2018-05-24T03:18:31+02:00	13.17621803	8.14869976	3.042817116	1.385211945	20.22945037
2018-05-24T03:28:31+02:00	13.17346096	8.343160629	3.036706924	1.382231712	19.86936933
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2018-05-24T03:48:31+02:00	13.1699295	8.312464714	3.017931938	1.37120533	20.390827
2018-05-24T03:58:31+02:00	13.16858864	8.416324615	3.013908386	1.367181778	21.02703076
2018-05-24T04:08:31+02:00	13.1675005	8.438527107	3.054440498	1.337975502	20.92911054
2018-05-24T04:18:31+02:00	13.16742611	8.380264282	3.065765381	1.322477341	21.02039059
2018-05-24T04:28:31+02:00	13.16805172	8.570404053	3.055184364	1.31726265	21.30259983

2018-05-24T04:38:31+02:00	13.16827583	8.753090858	2.944917679	1.308768272	19.54112557
2018-05-24T04:48:31+02:00	13.16729164	9.054095268	2.872944832	1.258552551	17.38451831
2018-05-24T04:58:31+02:00	13.16469955	9.1658535	2.892463684	1.414715767	17.2545079
2018-05-24T05:08:31+02:00	13.16082478	9.279102325	2.761781693	1.394301414	15.12976841
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2018-05-24T05:28:31+02:00	13.15419388	9.468198776	2.899467468	1.483857155	12.98473036
2018-05-24T05:38:31+02:00	13.15148163	9.001343727	2.816171646	1.498311996	7.874040168
2018-05-24T05:48:31+02:00	13.14963436	9.184181213	2.849996567	1.432746887	8.133350391
2018-05-24T05:58:31+02:00	13.14762211	9.387881279	2.754627228	1.418889046	13.13791687
2018-05-24T06:08:31+02:00	13.14607239	9.376703262	2.890825272	1.448095322	8.46327485
2018-05-24T06:18:31+02:00	13.14595318	9.440481186	2.827346802	1.549869537	7.482178494
2018-05-24T06:28:31+02:00	13.14574432	9.522139549	2.685338974	1.590102196	7.07526481
2018-05-24T06:38:31+02:00	13.14458275	9.556263924	2.796948433	1.593380928	6.552089749
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2018-05-24T06:58:31+02:00	13.15066242	9.786039352	2.82093811	1.560747147	6.553435563
2018-05-24T07:08:31+02:00	13.15648842	9.558498383	2.837330818	1.703799248	6.897751414
2018-05-24T07:18:31+02:00	13.16611481	9.537339211	2.839862823	1.689493179	5.880619662
2018-05-24T07:28:31+02:00	13.17408657	9.685754776	2.705156326	1.670420647	4.665036162
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2018-05-24T07:48:31+02:00	13.18314648	9.685456276	2.745837212	1.675784111	6.764991959
2018-05-24T07:58:31+02:00	13.18564987	9.663553238	2.692491531	1.680701256	5.108416067
2018-05-24T08:08:31+02:00	13.18855572	9.698272705	2.722144127	1.6698246	5.006121529
2018-05-24T08:18:31+02:00	13.19177437	9.65625	2.694278717	1.658647537	5.043582939
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2018-05-24T08:38:31+02:00	13.20411301	9.777545929	2.733767509	1.620947838	5.286212177
2018-05-24T08:48:31+02:00	13.21214485	9.693056107	2.727061272	1.62422657	5.126534687
2018-05-24T08:58:31+02:00	13.2240057	9.672492027	2.701877594	1.640469551	5.275448741
2018-05-24T09:08:31+02:00	13.24026299	9.715705872	2.73033905	1.670717239	5.459608256
2018-05-24T09:18:31+02:00	13.2598877	9.776801109	2.68593502	1.64404583	5.481572586
2018-05-24T09:28:31+02:00	13.27937889	9.740889549	2.73123455	1.639127731	5.676880943
2018-05-24T09:38:31+02:00	13.29818344	9.747743607	2.69547081	1.627058029	5.464401846
2018-05-24T09:48:31+02:00	13.31444073	9.716749191	2.733618736	1.605003357	5.832884706
2018-05-24T09:58:31+02:00	13.32896996	9.665041924	2.72467804	1.62318325	5.621336522
2018-05-24T10:08:31+02:00	13.34594154	9.687393188	2.762971878	1.611262321	5.781909537
2018-05-24T10:18:31+02:00	13.36181164	9.647607803	2.737045288	1.590550423	6.002663179
2018-05-24T10:28:31+02:00	13.37598228	9.677111626	2.747476578	1.60753727	5.847421051
2018-05-24T10:38:31+02:00	13.38858891	9.661763191	2.737492561	1.539290428	6.349292234
2018-05-24T10:48:31+02:00	13.40080833	9.646116257	2.739131927	1.542568207	5.993033492
2018-05-24T10:58:31+02:00	13.41223717	9.642839432	2.775489807	1.586229324	6.021808578
2018-05-24T11:08:31+02:00	13.42380047	9.594708443	2.716778755	1.602768898	6.521083803
2018-05-24T11:18:31+02:00	13.42999935	9.592621803	2.756267548	1.593232155	6.099849154
2018-05-24T11:28:31+02:00	13.43373966	9.577721596	2.763569832	1.567154884	6.194938086
2018-05-24T11:38:31+02:00	13.43689823	9.541065216	2.733170509	1.547933578	6.156957646
2018-05-24T11:48:31+02:00	13.43813515	9.486228943	2.754480362	1.540481567	6.069833116
2018-05-24T11:58:31+02:00	13.42983532	9.52973938	2.787262917	1.559257507	6.271561588
2018-05-24T12:08:31+02:00	13.41791439	9.546131134	2.790689468	1.530051231	6.395682327
2018-05-24T12:18:31+02:00	13.40752792	9.541809082	2.67654705	1.537948608	6.201773906
2018-05-24T12:28:31+02:00	13.39888573	9.516179085	2.711565018	1.527518272	6.129167661
2018-05-24T12:38:31+02:00	13.39428139	9.487866402	2.668498993	1.514404297	6.093035903
2018-05-24T12:48:31+02:00	13.38955784	9.493530273	2.710222244	1.50680542	6.113344499

2018-05-24T12:58:31+02:00	13.38630867	9.50992012	2.666859627	1.28969574	6.346166463
2018-05-24T13:08:31+02:00	13.38435745	9.601861954	2.653747559	1.417844772	6.476961858
2018-05-24T13:18:31+02:00	13.38474464	9.594559669	2.692340851	1.427083969	6.463881261
2018-05-24T13:28:31+02:00	13.3877697	9.60260582	2.692192078	1.415460587	6.482801582
2018-05-24T13:38:31+02:00	13.39361095	9.634643555	2.689510345	1.448691368	6.710861196
2018-05-24T13:48:31+02:00	13.39897537	9.595750809	2.687425613	1.415312767	6.711695857
2018-05-24T13:58:31+02:00	13.40495014	9.595454216	2.681911469	1.405477524	6.577920856
2018-05-24T14:08:31+02:00	13.41450214	9.645372391	2.693385124	1.397579193	6.159759908
2018-05-24T14:18:31+02:00	13.41804886	9.791851044	2.67773819	1.474321365	6.126063413
2018-05-24T14:28:31+02:00	13.41991138	9.826420784	2.669542313	1.423060417	5.930995307
2018-05-24T14:38:31+02:00	13.42026901	9.791999817	2.669542313	1.4346838	5.658974952
2018-05-24T14:48:31+02:00	13.42369652	9.786635399	2.674757957	1.4343853	6.22260357
2018-05-24T14:58:31+02:00	13.42457581	9.752809525	2.665369987	1.44272995	5.806781062
2018-05-24T15:08:31+02:00	13.43125153	9.778291702	2.683996201	1.435875893	5.937803408
2018-05-24T15:18:31+02:00	13.42459011	9.787828445	2.664327621	1.424402237	5.81560772
2018-05-24T15:28:31+02:00	13.42530537	9.780824661	2.67773819	1.435428619	5.980757288
2018-05-24T15:38:31+02:00	13.42792797	9.745657921	2.668498993	1.391918182	5.660259148
2018-05-24T15:48:31+02:00	13.4295969	9.765177727	2.67699337	1.38759613	5.975631031
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2018-05-24T16:08:31+02:00	13.42189312	10.03280354	2.62096405	1.382678986	5.640825907
2018-05-24T16:18:31+02:00	13.41782475	9.861886024	2.721696854	1.559703827	6.804022189
2018-05-24T16:28:31+02:00	13.41781044	10.05619717	2.688020706	1.535564423	5.601453623
2018-05-24T16:38:31+02:00	13.41998577	10.092556	2.685487747	1.497268677	5.558880129
2018-05-24T16:48:31+02:00	13.41603661	10.12876511	2.642274857	1.389234543	5.709314172
2018-05-24T16:58:31+02:00	13.40732002	10.22428322	2.710968018	1.353919029	7.039268472
2018-05-24T17:08:31+02:00	13.3964119	10.17704678	2.697557449	1.294166565	5.074424688
2018-05-24T17:18:31+02:00	13.39151001	10.09941196	2.687127113	1.349896431	4.792570523
2018-05-24T17:28:31+02:00	13.39034748	9.975582123	2.6518116	1.298337936	4.617080809
2018-05-24T17:38:31+02:00	13.38794804	10.17108631	2.647787094	1.309662819	5.024285985
2018-05-24T17:48:31+02:00	13.38854408	10.1815176	2.665221214	1.312643051	4.590019514
2018-05-24T17:58:31+02:00	13.38844013	10.17913246	2.660155296	1.287161827	4.908211118
2018-05-24T18:08:31+02:00	13.38724804	10.1555891	2.672224998	1.266449928	4.878904828
2018-05-24T18:18:31+02:00	13.389781	10.14188004	2.666116714	1.227259636	5.123049495
2018-05-24T18:28:31+02:00	13.39000511	10.12459373	2.689660072	1.260042191	5.061940064
2018-05-24T18:38:31+02:00	13.38471508	10.1175909	2.65881443	1.26212883	5.002714751
2018-05-24T18:48:31+02:00	13.38000584	10.1259346	2.684593201	1.270771027	5.076683579
2018-05-24T18:58:31+02:00	13.37818813	10.02863121	2.667902946	1.273900032	5.383132462
2018-05-24T19:08:31+02:00	13.37467098	9.970217705	2.670288086	1.270622253	6.824337811
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2018-05-24T19:28:31+02:00	13.35887623	10.08108234	2.657324791	1.348405838	5.908585605
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2018-05-24T19:48:31+02:00	13.34650803	10.19895172	2.64987278	1.55210495	6.202493274
2018-05-24T19:58:31+02:00	13.34147167	10.18062305	2.655833244	1.509636879	6.3564937
2018-05-24T20:08:31+02:00	13.33665848	10.10388184	2.655386925	1.536310196	6.212662599
2018-05-24T20:18:31+02:00	13.33314133	10.10477543	2.759545326	1.53496933	6.367161957
2018-05-24T20:28:31+02:00	13.3320694	10.07050323	2.775193214	1.542866707	6.359733126
2018-05-24T20:38:31+02:00	13.32549763	10.0097065	2.763866425	1.506507874	6.728264331
2018-05-24T20:48:31+02:00	13.32186127	10.25572395	2.769082069	1.474916458	6.295164938
2018-05-24T20:58:31+02:00	13.31837463	10.22666645	2.755224228	1.463890076	6.181229278
2018-05-24T21:08:31+02:00	13.31628895	10.24559116	2.78502655	1.46225071	6.577541151

2018-05-24T21:18:31+02:00	13.31399345	10.36465073	2.742261887	1.159161568	6.900505332
2018-05-24T21:28:31+02:00	13.310462	10.36509895	2.65911293	1.47849369	4.552316038
2018-05-24T21:38:31+02:00	13.30462074	10.36167145	2.636313438	1.531839371	4.38562863
2018-05-24T21:48:31+02:00	13.30015087	10.86071205	2.554656029	1.54167366	3.603847654
2018-05-24T21:58:31+02:00	13.29505444	10.968894	2.596079826	1.497566223	4.72360428
2018-05-24T22:08:31+02:00	13.29140377	10.92925644	2.647043228	1.481324196	4.065726195
2018-05-24T22:18:31+02:00	13.28825951	10.93208694	2.611280441	1.482366562	3.653540386
2018-05-24T22:28:31+02:00	13.28343201	10.99094772	2.63258934	1.46985054	3.808253974
2018-05-24T22:38:31+02:00	13.27955723	11.07037163	2.591014862	1.466125488	3.736785985
2018-05-24T22:48:31+02:00	13.27519131	11.08154678	2.568364143	1.47894001	3.724274327
2018-05-24T22:58:31+02:00	13.27249432	11.08944321	2.60487175	1.463741302	3.89648937
2018-05-24T23:08:31+02:00	13.26918602	11.12222672	2.629012108	1.463145256	3.746907704
2018-05-24T23:18:31+02:00	13.26653385	11.14621735	2.635418892	1.442879677	4.030785539
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2018-05-24T23:38:31+02:00	13.26175022	10.39311314	2.585947037	1.454353333	4.409300414
2018-05-24T23:48:31+02:00	13.26076698	10.39877605	2.601295471	1.464634895	4.012186886
2018-05-24T23:58:31+02:00	13.26064777	10.38029671	2.594143867	1.441240311	4.273362403
2018-05-25T00:08:31+02:00	13.2607069	10.42395782	2.608299255	1.409947395	4.071434942
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2018-05-25T00:28:31+02:00	13.25736904	10.41337776	2.607851982	1.442133904	4.318799372
2018-05-25T00:38:31+02:00	13.25698185	10.39281559	2.608448029	1.403093338	4.215273125
2018-05-25T00:48:31+02:00	13.2565794	10.40086269	2.598762512	1.413524628	4.306351346
2018-05-25T00:58:31+02:00	13.25428486	10.37180519	2.60517025	1.418889046	4.372144667
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2018-05-25T01:18:31+02:00	13.24957657	10.35243416	2.590864182	1.399517059	4.344654026
2018-05-25T01:28:31+02:00	13.2474308	10.36018085	2.577602386	1.354366302	4.345254041
2018-05-25T01:38:31+02:00	13.24675941	10.36733437	2.577156067	1.385211945	4.681606263
2018-05-25T01:48:31+02:00	13.24549294	10.38119221	2.533197403	1.296550751	4.519239294
2018-05-25T01:58:31+02:00	13.24576187	10.31726646	2.560168266	1.267045975	4.543680025
2018-05-25T02:08:31+02:00	13.24641705	10.27241421	2.539157867	1.294165611	4.893594934
2018-05-25T02:18:31+02:00	13.24731064	10.26213264	2.564490318	1.270026207	5.060791906
2018-05-25T02:28:31+02:00	13.24658108	10.53363132	2.588182449	1.393855095	5.007420651
2018-05-25T02:38:31+02:00	13.24608898	10.54942513	2.572536469	1.360029221	5.27269621
2018-05-25T02:48:31+02:00	13.24379444	10.54018688	2.573877335	1.359730721	5.321901272
2018-05-25T02:58:31+02:00	13.24075508	10.5504694	2.610682487	1.366585732	5.333365315
2018-05-25T03:08:31+02:00	13.23843002	10.53214073	2.548544884	1.350492477	5.439345475
2018-05-25T03:18:31+02:00	13.23649311	10.38506699	2.579540253	1.356303215	4.861543693
2018-05-25T03:28:31+02:00	13.2353754	10.55896282	2.602487564	1.409203529	4.535101165
2018-05-25T03:38:31+02:00	13.23391533	10.57416344	2.571791649	1.410097122	4.622095662
2018-05-25T03:48:31+02:00	13.2319479	10.5674572	2.598464012	1.385062218	4.898692884
2018-05-25T03:58:31+02:00	13.23004055	10.57565212	2.599209785	1.408905029	4.619278095
2018-05-25T04:08:31+02:00	13.22884846	10.4114418	2.478509903	1.43423748	3.217598936
2018-05-25T04:18:31+02:00	13.22759724	9.794830322	2.400725365	1.376122475	2.026987755
2018-05-25T04:28:31+02:00	13.22726917	10.45435715	2.42427063	1.422018051	2.420821892
2018-05-25T04:38:31+02:00	13.22579384	10.46598053	2.416968346	1.37925148	2.281687169
2018-05-25T04:48:31+02:00	13.22364807	10.47059822	2.418755531	1.395195961	2.311010215
2018-05-25T04:58:31+02:00	13.220891	10.47968864	2.398192406	1.393258095	3.131392146
2018-05-25T05:08:31+02:00	13.21749401	10.58697701	2.451986313	1.385062218	2.66445312
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2018-05-25T05:28:31+02:00	13.21139908	10.59427834	2.425610542	1.384019852	2.72837361

2018-05-25T05:38:31+02:00	13.20722675	10.69456387	2.421140671	1.407414436	2.121356415
2018-05-25T05:48:31+02:00	13.20469379	10.63287258	2.433509827	1.37090683	2.236652097
2018-05-25T05:58:31+02:00	13.20345688	10.56850052	2.419202805	1.336932182	2.396098405
2018-05-25T06:08:31+02:00	13.20210075	10.54495525	2.417861938	1.374781609	2.429520231
2018-05-25T06:18:31+02:00	13.1991806	10.63495922	2.649276733	1.346916199	2.633617926
2018-05-25T06:28:31+02:00	13.19758606	10.61141586	2.422035217	1.353025436	2.643963219
2018-05-25T06:38:31+02:00	13.19599152	10.58772182	2.39685154	1.318603516	2.711260084
2018-05-25T06:48:31+02:00	13.19503784	10.59397984	2.408026695	1.320093155	3.004036842
2018-05-25T06:58:31+02:00	13.19518661	10.09091759	2.406388283	1.307278633	2.373374804
2018-05-25T07:08:31+02:00	13.19602108	10.06647873	2.40549469	1.311748505	2.249774886
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2018-05-25T07:28:31+02:00	13.19855499	10.58533859	2.389251709	1.341104507	2.495085151
2018-05-25T07:38:31+02:00	13.20120716	10.7176609	2.390295029	1.371354103	2.323202962
2018-05-25T07:48:31+02:00	13.20452976	10.56015587	2.418010712	1.352876663	2.961300308
2018-05-25T07:58:31+02:00	13.20846367	10.68472862	2.38671875	1.382231712	2.498060524
2018-05-25T08:08:31+02:00	13.21415615	10.78411865	2.361089706	1.389086723	2.395766155
2018-05-25T08:18:31+02:00	13.22129345	10.90228462	2.378821373	1.39847374	2.135272114
2018-05-25T08:28:31+02:00	13.22907257	10.75252914	2.381056786	1.40816021	2.013751599
2018-05-25T08:38:31+02:00	13.2388916	10.79827499	2.389698982	1.381934166	2.78845898
2018-05-25T08:48:31+02:00	13.25182629	10.30921936	2.355426788	1.388788223	1.600696636
2018-05-25T08:58:31+02:00	13.26484966	10.89364338	2.338587761	1.46090889	1.932396553
2018-05-25T09:08:31+02:00	13.28258228	10.88634109	2.348274231	1.448243141	1.806708493
2018-05-25T09:18:31+02:00	13.30390549	10.93655872	2.311468124	1.468212128	2.203447462
2018-05-25T09:28:31+02:00	13.31879234	10.87263298	2.35915184	1.444667816	1.924886031
2018-05-25T09:38:31+02:00	13.33005714	10.94013405	2.388358116	1.441836357	1.909280616
2018-05-25T09:48:31+02:00	13.34039879	10.86875916	2.336949348	1.430660248	1.999451894
2018-05-25T09:58:31+02:00	13.35293007	10.8489399	2.40415287	1.41516304	2.067205243
2018-05-25T10:08:31+02:00	13.36808491	10.99407768	2.404898643	1.426935196	2.544126064
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2018-05-25T10:28:31+02:00	13.40359497	10.91703796	2.411603928	1.360624313	2.499724009
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2018-05-25T11:28:31+02:00	13.44592857	10.9519062	2.344399452	1.354366302	3.260910558
2018-05-25T11:38:31+02:00	13.44691181	10.93596268	2.308040619	1.367926598	1.572934701
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2018-05-25T11:58:31+02:00	13.46020412	10.95652485	2.292096138	1.340358734	1.627775295
2018-05-25T12:08:31+02:00	13.47696781	10.91212082	2.319812775	1.337528229	1.712882704
2018-05-25T12:18:31+02:00	13.48596764	10.83165359	2.271681786	1.277477264	1.930707481
2018-05-25T12:28:31+02:00	13.4836731	10.85996628	2.354681969	1.340955734	2.033661937
2018-05-25T12:38:31+02:00	13.47818947	10.81213379	2.377033234	1.269132614	2.191952721
2018-05-25T12:48:31+02:00	13.47327232	11.25261211	2.466141701	1.281351089	2.314809533
2018-05-25T12:58:31+02:00	13.46446609	11.20611954	2.432168007	1.326500893	3.752829229
2018-05-25T13:08:31+02:00	13.45361805	11.20731163	2.43201828	1.317858696	2.460237545
2018-05-25T13:18:31+02:00	13.44211388	11.08959293	2.608149529	1.288056374	2.474001323
2018-05-25T13:28:31+02:00	13.43485737	11.38031387	2.437532425	1.222192764	2.726725387
2018-05-25T13:38:31+02:00	13.43128109	11.38150787	2.45124054	1.235157967	2.92050961
2018-05-25T13:48:31+02:00	13.42640781	11.38940525	2.411903381	1.213253021	2.640114172

2018-05-25T13:58:31+02:00	13.41764641	11.47150993	2.356767654	1.313387871	1.680957901
2018-05-25T14:08:31+02:00	13.40867615	11.4428997	2.337099075	1.286268234	1.952011317
2018-05-25T14:18:31+02:00	13.39900494	11.50414467	2.392827988	1.177340508	1.741470372
2018-05-25T14:28:31+02:00	13.3932085	11.48328304	2.382247925	1.155286789	1.718870088
2018-05-25T14:38:31+02:00	13.38984108	11.41607666	2.379119873	1.258998871	1.690310217
2018-05-25T14:48:31+02:00	13.38833618	11.50771999	2.342313766	1.282095909	2.288252055
2018-05-25T14:58:31+02:00	13.38179398	10.63928032	2.450942039	1.294166565	2.047912507
2018-05-25T15:08:31+02:00	13.37529755	11.53513813	2.282410622	1.351088524	1.995702106
2018-05-25T15:18:31+02:00	13.37060356	11.57566833	2.333820343	1.21578598	2.736782973
2018-05-25T15:28:31+02:00	13.37063313	11.6118784	2.443789482	1.158118248	3.034437542
2018-05-25T15:38:31+02:00	13.37131882	11.66865349	2.453923225	1.12623024	3.143252635
2018-05-25T15:48:31+02:00	13.37300205	11.85923767	2.482234955	1.120567322	2.887097527
2018-05-25T15:58:31+02:00	13.37699604	11.68996048	2.429932594	1.141280174	2.852842318
2018-05-25T16:08:31+02:00	13.38613033	11.65717793	2.416372299	1.126080513	2.864915049
2018-05-25T16:18:31+02:00	13.3885746	11.66299057	2.465248108	1.127571106	2.851488431
2018-05-25T16:28:31+02:00	13.39483261	11.68414974	2.438276291	1.124441147	2.965774635
2018-05-25T16:38:31+02:00	13.39972019	11.67580414	2.437232971	1.150072098	2.969542975
2018-05-25T16:48:31+02:00	13.40560627	11.65464592	2.472549438	1.138895988	2.88932371
2018-05-25T16:58:31+02:00	13.4117012	11.5853548	2.469419479	1.165270805	2.597167982
2018-05-25T17:08:31+02:00	13.41295242	11.60070324	2.484172821	1.140088081	2.505804294
2018-05-25T17:18:31+02:00	13.41503906	11.56702709	2.503097534	1.15200901	2.518484147
2018-05-25T17:28:31+02:00	13.41405487	11.56643009	2.488494873	1.134126663	2.606880641
2018-05-25T17:38:31+02:00	13.41128349	11.61381531	2.428590775	1.100748062	2.125257918
2018-05-25T17:48:31+02:00	13.40718555	11.61932945	2.404302597	1.1785326	2.065752577
2018-05-25T17:58:31+02:00	13.40411568	11.58669567	2.3950634	1.21518898	2.384302114
2018-05-25T18:08:31+02:00	13.40176201	11.62335205	2.36794281	1.215636253	2.160827215
2018-05-25T18:18:31+02:00	13.3985281	11.62096977	2.311020851	1.338421822	1.261891101
2018-05-25T18:28:31+02:00	13.39511585	11.89053059	2.323836327	1.317858696	1.075456466
2018-05-25T18:38:31+02:00	13.39261246	11.82332706	2.290904045	1.319795609	1.203768635
2018-05-25T18:48:31+02:00	13.39115238	11.94238758	2.34216404	1.311153412	1.271453459
2018-05-25T18:58:31+02:00	13.3911972	11.8541708	2.350658417	1.2873106	1.129842608
2018-05-25T19:08:31+02:00	13.39195633	11.89634228	2.448558807	1.283287048	52.1018901
2018-05-25T19:18:31+02:00	13.3917923	12.16143322	2.359747887	1.231431961	1.699902317
2018-05-25T19:28:31+02:00	13.38614559	12.20583916	2.354383469	1.218616486	1.490631856
2018-05-25T19:38:31+02:00	13.3803339	12.23638725	2.410859108	1.301170349	1.944756595
2018-05-25T19:48:31+02:00	13.3745966	12.24890327	2.404899597	1.282691956	1.561880603
2018-05-25T19:58:31+02:00	13.37006664	12.28988075	2.381205559	1.259297371	1.445153071
2018-05-25T20:08:31+02:00	13.36693764	12.28228188	2.394617081	1.28030777	1.590278006
2018-05-25T20:18:31+02:00	13.36433029	12.28302765	2.374499321	1.26212883	1.341952506
2018-05-25T20:28:31+02:00	13.36339092	12.30224991	2.369433403	1.264513016	1.260473132
2018-05-25T20:38:31+02:00	13.36218452	12.30597591	2.363622665	1.266449928	1.406941785
2018-05-25T20:48:31+02:00	13.35474873	12.37764931	2.363175392	1.281202316	1.559286318
2018-05-25T20:58:31+02:00	13.3479681	12.37213612	2.383291245	1.244246483	1.376095881
2018-05-25T21:08:31+02:00	13.34106922	12.44634438	2.363473892	1.247226715	1.521864239
2018-05-25T21:18:31+02:00	13.3340807	12.41296577	2.398639679	1.241863251	1.305354818
2018-05-25T21:28:31+02:00	13.3320837	12.43829632	2.392084122	1.259297371	2.051038987
2018-05-25T21:38:31+02:00	13.32348633	12.45006847	2.401768684	1.253931999	1.394368187
2018-05-25T21:48:31+02:00	13.31880665	12.48672676	2.396255493	1.25244236	1.481782144
2018-05-25T21:58:31+02:00	13.31186295	12.62813759	2.395212173	1.225322723	1.521334662
2018-05-25T22:08:31+02:00	13.30523205	12.30150509	2.410560608	1.336634636	2.055471154

2018-05-25T22:18:31+02:00	13.29977798	12.2775135	2.432315826	1.349746704	2.004101493
2018-05-25T22:28:31+02:00	13.29401112	12.21150208	2.444833755	1.331865311	1.796313871
2018-05-25T22:38:31+02:00	13.28761864	12.19809055	2.475529671	1.305490494	1.947989142
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2018-05-25T22:58:31+02:00	13.27270317	12.52859879	2.413689613	1.346021652	1.684892657
2018-05-25T23:08:31+02:00	13.26517773	12.59446144	2.482087135	1.313240051	1.713725023
2018-05-25T23:18:31+02:00	13.25796509	12.79607487	2.502946854	1.291036606	2.512236998
2018-05-25T23:28:31+02:00	13.25032139	12.8445034	2.505033493	1.295656204	2.443298104
2018-05-25T23:38:31+02:00	13.24309444	12.85701942	2.52321434	1.260339737	2.116129245
2018-05-25T23:48:31+02:00	13.2378788	12.90082932	2.509654045	1.249462128	2.62218179
2018-05-25T23:58:31+02:00	13.2319479	12.88220215	2.540946007	1.263022423	2.519907579
2018-05-26T00:08:31+02:00	13.2281332	12.95030212	2.54064846	1.255125046	2.229796566
2018-05-26T00:18:31+02:00	13.2241993	12.96833134	2.513677597	1.27017498	2.238255776
2018-05-26T00:28:31+02:00	13.22166634	12.97369671	2.549440384	1.248567581	2.291257794
2018-05-26T00:38:31+02:00	13.21855164	12.99858189	2.528875351	1.258104324	2.253369217
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2018-05-26T00:58:31+02:00	13.21460342	13.0425396	2.556592941	1.248121262	2.462934716
2018-05-26T01:08:31+02:00	13.21220398	13.06652927	2.552419662	1.248419762	2.294356164
2018-05-26T01:18:31+02:00	13.20947742	13.04730797	2.529173851	1.305044174	2.29310179
2018-05-26T01:28:31+02:00	13.20748043	12.77819347	2.461372375	1.298636436	1.836341257
2018-05-26T01:38:31+02:00	13.20470905	12.76701736	2.443492889	1.293123245	1.749200467
2018-05-26T01:48:31+02:00	13.20211601	12.82632351	2.428442001	1.318753242	1.826419963
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2018-05-26T02:08:31+02:00	13.19533539	12.86134052	2.438872337	1.285523415	1.839441107
2018-05-26T02:18:31+02:00	13.19214725	12.70100498	2.448261261	1.327991486	2.127393453
2018-05-26T02:28:31+02:00	13.18804932	12.7696991	2.435445786	1.294463158	2.191252917
2018-05-26T02:38:31+02:00	13.18430901	12.7492857	2.450942039	1.331120491	2.17130519
2018-05-26T02:48:31+02:00	13.1803751	12.77148628	2.484471321	1.2879076	2.139616783
2018-05-26T02:58:31+02:00	13.17703724	12.77223206	2.466142654	1.29774189	2.22010319
2018-05-26T03:08:31+02:00	13.17426586	12.71426773	2.49534893	1.301168442	2.261775423
2018-05-26T03:18:31+02:00	13.17140484	12.74257946	2.466439247	1.289844513	2.420895639
2018-05-26T03:28:31+02:00	13.16955662	12.81216812	2.469421387	1.273453712	2.270919644
2018-05-26T03:38:31+02:00	13.16641235	12.95059967	2.498477936	1.304447174	2.466851257
2018-05-26T03:48:31+02:00	13.16380501	13.05997372	2.495199203	1.282840729	1.82568573
2018-05-26T03:58:31+02:00	13.16089916	12.97131157	2.515315056	1.270175934	2.291497615
2018-05-26T04:08:31+02:00	13.15762138	12.97071552	2.481043816	1.266747475	2.230164546
2018-05-26T04:18:31+02:00	13.15389538	12.97369576	2.475678444	1.275539398	1.934673777
2018-05-26T04:28:31+02:00	13.15067673	12.99366379	2.505629539	1.272857666	2.34353422
2018-05-26T04:38:31+02:00	13.14795017	13.01005459	2.490431786	1.268386841	1.928063237
2018-05-26T04:48:31+02:00	13.14702606	13.07085228	2.478956223	1.27881813	2.041549746
2018-05-26T04:58:31+02:00	13.14386749	13.12017345	2.501010895	1.267642021	2.004763055
2018-05-26T05:08:31+02:00	13.14173603	13.11138248	2.508908272	1.254826546	2.003293135
2018-05-26T05:18:31+02:00	13.13991833	13.04805374	2.530366898	1.27196312	2.087882439
2018-05-26T05:28:31+02:00	13.13895035	13.09320354	2.492368698	1.271217346	2.112080222
2018-05-26T05:38:31+02:00	13.13811493	13.14818859	2.470911026	1.302659988	1.682568229
2018-05-26T05:48:31+02:00	13.13802624	13.19021034	2.55718708	1.273602486	1.565315487
2018-05-26T05:58:31+02:00	13.13838387	13.27440166	2.530813217	1.2709198	1.490139446
2018-05-26T06:08:31+02:00	13.13808537	13.23834133	2.558826447	1.2709198	1.497585338
2018-05-26T06:18:31+02:00	13.13914394	13.74810982	2.559124947	1.236200333	1.349726495
2018-05-26T06:28:31+02:00	13.14090157	13.42654228	2.562403679	1.258552551	1.431258591

2018-05-26T06:38:31+02:00	13.14270496	13.4488945	2.575516701	1.246631622	1.59093541
2018-05-26T06:48:31+02:00	13.1449995	13.38168907	2.542882919	1.213550568	1.325934314
2018-05-26T06:58:31+02:00	13.14723492	13.45902824	2.554505348	1.247823715	1.489628353
2018-05-26T07:08:31+02:00	13.14857578	13.43295002	2.584009171	1.208185196	1.425242645
2018-05-26T07:18:31+02:00	13.14996147	13.43250275	2.585947037	1.223981857	1.465872246
2018-05-26T07:28:31+02:00	13.15265846	13.4189415	2.588479996	1.224429131	1.544399346
2018-05-26T07:38:31+02:00	13.15657806	13.47482109	2.600103378	1.264660835	1.885987333
2018-05-26T07:49:26+02:00	13.15912628	13.53845024	2.60457325	1.23396492	2.148380305
2018-05-26T07:58:31+02:00	13.16326904	13.45172596	2.592206001	1.18836689	1.731817825
2018-05-26T08:08:31+02:00	13.16553307	13.77358913	2.593250275	1.197457314	1.630810452
2018-05-26T08:18:31+02:00	13.16915417	13.90546513	2.533494949	1.309514046	1.432060451
2018-05-26T08:28:31+02:00	13.17551708	13.54604912	2.504437447	1.234560966	1.30202537
2018-05-26T08:38:31+02:00	13.18605232	14.11616802	2.524108887	1.229792595	1.37522156
2018-05-26T08:48:38+02:00	13.19587231	13.89861107	2.531111717	1.177936554	1.318873493
2018-05-26T08:58:31+02:00	13.20616913	13.87879181	2.514123917	1.309812546	1.305172716
2018-05-26T09:08:31+02:00	13.22324562	13.80085945	2.501308441	1.301467896	1.349252476
2018-05-26T09:18:31+02:00	13.24172306	13.87506771	2.490132332	1.294463158	1.344191382
2018-05-26T09:28:31+02:00	13.26358318	13.85077858	2.485961914	1.296848297	1.556783798
2018-05-26T09:38:31+02:00	13.2884531	13.8255949	2.485513687	1.296103477	1.446757632
2018-05-26T09:48:31+02:00	13.31368065	13.81963444	2.479255676	1.287311554	1.590369246
2018-05-26T09:58:31+02:00	13.34087563	13.99323463	2.48640728	1.32456398	1.547230112
2018-05-26T10:08:31+02:00	13.36622238	13.71055794	2.484172821	1.271367073	1.349835562
2018-05-26T10:18:31+02:00	13.38841057	13.92289925	2.481191635	1.272707939	1.681945552
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2018-05-26T10:38:31+02:00	13.43081856	13.46483898	2.509654045	1.222491264	1.728960665
2018-05-26T10:48:31+02:00	13.45440769	13.66689777	2.505630493	1.227258682	1.65036406
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2018-05-26T11:08:31+02:00	13.48850155	13.62711143	2.503990173	1.227110863	2.798930374
2018-05-26T11:18:31+02:00	13.50423717	13.61832047	2.494752884	1.203716278	1.682751425
2018-05-26T11:28:31+02:00	13.51942158	13.54232407	2.558826447	1.20684433	1.709861312
2018-05-26T11:38:31+02:00	13.53187847	13.42326355	2.519041061	1.211017609	1.785426632
2018-05-26T11:48:31+02:00	13.55272484	13.41044998	2.516656876	1.207590103	1.954729716
2018-05-26T11:58:31+02:00	13.57240963	13.43727112	2.544819832	1.206845284	2.294780115
2018-05-26T12:08:31+02:00	13.58465862	13.36932182	2.53275013	1.201182365	2.020388
2018-05-26T12:18:31+02:00	13.59981346	13.34682178	2.546012878	1.206100464	2.005645772
2018-05-26T12:28:31+02:00	13.60779953	13.2802124	2.538263321	1.197010994	2.01711538
2018-05-26T12:38:31+02:00	13.60014057	13.35293102	2.523363113	1.17957592	2.135806055
2018-05-26T12:48:31+02:00	13.58421135	13.45396137	2.531707764	1.189857483	2.029506748
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2018-05-26T13:08:31+02:00	13.527915	13.68865395	2.577453613	1.149475098	2.076292864
2018-05-26T13:18:31+02:00	13.50276184	13.75675106	2.580583572	1.174211502	2.175762458
2018-05-26T13:28:31+02:00	13.487607	13.77850819	2.5965271	1.169741631	2.579595377
2018-05-26T13:38:31+02:00	13.48414993	13.82648849	2.567022324	1.181811333	2.138880639
2018-05-26T13:48:31+02:00	13.4799633	13.86821365	2.582519531	1.157969475	2.769019591
2018-05-26T13:58:31+02:00	13.46361637	13.7516861	2.561063766	1.163781166	2.140850146
2018-05-26T14:08:31+02:00	13.44954967	13.77746582	2.569556236	1.133084297	2.499631277
2018-05-26T14:18:31+02:00	13.44458771	13.78491497	2.580881119	1.148731232	2.275842566
2018-05-26T14:28:31+02:00	13.44504929	13.8969717	2.591461182	1.150072098	2.250014598
2018-05-26T14:38:31+02:00	13.44338036	13.83945274	2.603382111	1.146346092	2.229446514
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2018-05-26T14:58:31+02:00	13.44181633	13.79460144	2.599507332	1.137107849	2.377472456
2018-05-26T15:08:31+02:00	13.44403648	13.7680769	2.593547821	1.155138016	2.186408201
2018-05-26T15:18:31+02:00	13.46051693	13.82842636	2.579390526	1.135766029	2.22493182
2018-05-26T15:28:31+02:00	13.47029209	13.74170113	2.623498917	1.162290573	2.462583318
2018-05-26T15:38:31+02:00	13.47333145	13.71085644	2.607554436	1.104175568	2.257185018
2018-05-26T15:48:31+02:00	13.47790623	13.70772648	2.596229553	1.169741631	2.339566993
2018-05-26T15:58:31+02:00	13.48134899	13.77895546	2.616643906	1.159757614	2.599850853
2018-05-26T16:08:31+02:00	13.48795033	13.66853809	2.609193802	1.182854652	2.371547644
2018-05-26T16:18:31+02:00	13.49732304	13.64737797	2.591757774	1.175106049	2.398812689
2018-05-26T16:28:31+02:00	13.5019865	13.64007568	2.592354774	1.1782341	2.462491094
2018-05-26T16:38:31+02:00	13.49799347	13.72322369	2.619325638	1.178533554	2.561359711
2018-05-26T16:48:31+02:00	13.49131775	13.67524147	2.570748329	1.176000595	2.503124872
2018-05-26T16:58:31+02:00	13.48598289	13.68328953	2.597122192	1.172870636	2.657030385
2018-05-26T17:08:31+02:00	13.48513412	13.72814178	2.598614693	1.162290573	2.507227544
2018-05-26T17:18:31+02:00	13.48049927	13.68492794	2.616047859	1.171827316	3.562901442
2018-05-26T17:28:31+02:00	13.48091698	13.68969727	2.529918671	1.197904587	1.719089942
2018-05-26T17:38:31+02:00	13.48029041	13.7501955	2.547502518	1.210123062	1.682385033
2018-05-26T17:48:31+02:00	13.46944237	13.7999649	2.538709641	1.234412193	1.927732772
2018-05-26T17:58:31+02:00	13.45604706	13.76897049	2.543180466	1.230239868	1.734748244
2018-05-26T18:08:31+02:00	13.45223236	13.80294609	2.574323654	1.216828346	1.639242464
2018-05-26T18:18:31+02:00	13.44852161	13.8434763	2.545565605	1.235902786	1.786709442
2018-05-26T18:28:31+02:00	13.44588375	13.90606117	2.556144714	1.204460144	1.719200104
2018-05-26T18:38:31+02:00	13.44099617	13.86821365	2.57656002	1.232772827	1.800512093
2018-05-26T18:48:31+02:00	13.43312836	13.89354515	2.592355728	1.202523232	1.719511372
2018-05-26T18:58:31+02:00	13.42409897	13.82157326	2.549887657	1.215189934	1.853492028
2018-05-26T19:08:31+02:00	13.41840649	13.99010372	2.601445198	1.177936554	2.066911412
2018-05-26T19:18:31+02:00	13.41536617	14.04687691	2.620816231	1.180470467	2.02158291
2018-05-26T19:28:31+02:00	13.40690231	14.35801315	2.575963974	1.195371628	1.445681539
2018-05-26T19:38:31+02:00	13.40056992	14.40823174	2.583713531	1.199691772	1.625342773
2018-05-26T19:48:31+02:00	13.39708233	14.42864513	2.581327438	1.19701004	1.556272175
2018-05-26T19:58:31+02:00	13.38972187	14.38483524	2.575963974	1.177340508	1.480960489
2018-05-26T20:08:31+02:00	13.38241959	14.37842751	2.596229553	1.164228439	1.560199708
2018-05-26T20:18:31+02:00	13.37879944	14.41404247	2.6126194	1.170337677	1.631816583
2018-05-26T20:28:31+02:00	13.37192917	14.37261772	2.581626892	1.165121078	1.565881904
2018-05-26T20:38:31+02:00	13.36789131	14.36382484	2.567619324	1.163780212	1.597168673
2018-05-26T20:48:31+02:00	13.36252689	14.33730125	2.599359512	1.133680344	1.659273401
2018-05-26T20:58:31+02:00	13.35667038	14.36084557	2.596526146	1.14262104	1.673307829
2018-05-26T21:08:31+02:00	13.35196209	14.33655643	2.59578228	1.131296158	1.879857743
2018-05-26T21:18:31+02:00	13.35145569	14.41270161	2.599955559	1.116246223	1.68276923
2018-05-26T21:28:31+02:00	13.35142517	14.3715744	2.626031876	1.114904404	1.619070861
2018-05-26T21:38:31+02:00	13.34530067	14.26756382	2.60546875	1.109391212	1.660572688
2018-05-26T21:48:31+02:00	13.34354305	14.29513168	2.604424477	1.129805565	1.788560971
2018-05-26T21:58:31+02:00	13.3469553	14.31092644	2.620666504	1.100450516	2.086264098
2018-05-26T22:08:31+02:00	13.34203815	13.76897144	2.634078979	0.282377243	14.10671799
2018-05-26T22:18:31+02:00	13.33911705	14.06058598	2.619325638	1.237838745	1.917376695
2018-05-26T22:28:31+02:00	13.33417034	14.37023354	2.510547638	1.240671158	1.035680385
2018-05-26T22:38:31+02:00	13.33032513	14.49733925	2.55182457	1.20714283	1.455821828
2018-05-26T22:48:31+02:00	13.32482719	14.36486912	2.55122757	1.193732262	1.55795297
2018-05-26T22:58:31+02:00	13.31727219	14.18635178	2.556890488	0.590533257	4.546590526
2018-05-26T23:08:31+02:00	13.31023884	14.42625999	2.556741714	1.21578598	1.546463259

2018-05-26T23:18:31+02:00	13.30403996	14.9713459	2.564935684	1.18896389	1.298642099
2018-05-26T23:28:31+02:00	13.30143166	14.40793324	2.617835999	1.238883018	1.971226888
2018-05-26T23:38:31+02:00	13.29225349	14.29796314	2.635866165	1.214296341	2.078500167
2018-05-26T23:48:31+02:00	13.28830433	14.38274956	2.537964821	1.119077682	1.339622377
2018-05-26T23:58:31+02:00	13.2850256	14.43043423	2.573728561	1.120418549	1.453761327
2018-05-27T00:08:31+02:00	13.28226948	14.39243603	2.55748558	1.149922371	1.568842228
2018-05-27T00:18:31+02:00	13.28033257	14.91174126	2.559720993	1.208930969	1.409730418
2018-05-27T00:28:31+02:00	13.27826118	14.90235329	2.589076042	1.221447945	1.508774272
2018-05-27T00:38:31+02:00	13.27607059	14.8743391	2.573431015	1.227259636	1.530044486
2018-05-27T00:48:31+02:00	13.27474403	14.89788246	2.563148499	1.2162323	1.460107871
2018-05-27T00:58:31+02:00	13.27231503	14.89415836	2.583415031	1.221150398	1.629164812
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2018-05-27T01:18:31+02:00	13.26836681	14.91531658	2.604574203	1.20609951	1.598557561
2018-05-27T01:28:31+02:00	13.26669788	14.92500305	2.589820862	1.222193718	1.535012037
2018-05-27T01:38:31+02:00	13.26572895	14.88879395	2.583562851	1.196562767	1.82438441
2018-05-27T01:48:31+02:00	13.26413441	14.80325985	2.623350143	1.206845284	1.810815306
2018-05-27T01:58:31+02:00	13.26285267	14.83768177	2.606212616	1.189857483	1.693476979
2018-05-27T02:08:31+02:00	13.26160145	14.82486725	2.620965004	1.181811333	1.931900593
2018-05-27T02:18:31+02:00	13.260499	14.8458786	2.606511116	1.187771797	1.757206232
2018-05-27T02:28:31+02:00	13.25981331	14.83589458	2.498626709	1.20773983	1.107018719
2018-05-27T02:38:31+02:00	13.25774193	14.84915638	2.610980988	1.212059975	1.134666301
2018-05-27T02:48:31+02:00	13.25696754	14.86092758	2.506970406	1.210421562	1.279817812
2018-05-27T02:58:31+02:00	13.25500011	14.89043331	2.503097534	1.188069344	1.324696883
2018-05-27T03:08:31+02:00	13.25271988	14.96165943	2.510696411	1.206100464	1.438716107
2018-05-27T03:18:31+02:00	13.25033569	14.93737125	2.485216141	1.199394226	0.933205318
2018-05-27T03:28:31+02:00	13.24702835	14.95629597	2.489983559	1.195817947	1.012124207
2018-05-27T03:38:31+02:00	13.24365997	14.95078182	2.522170067	1.204907417	0.982632725
2018-05-27T03:48:31+02:00	13.2413063	14.98296928	2.524703026	1.192540169	0.971986795
2018-05-27T03:58:31+02:00	13.24023342	14.99280357	2.494604111	1.185983658	0.970197844
2018-05-27T04:08:31+02:00	13.24053097	15.09264183	2.5038414	1.192391396	1.166556281
2018-05-27T04:18:31+02:00	13.2401886	15.14539146	2.515762329	1.169890404	1.204894556
2018-05-27T04:28:31+02:00	13.24011421	15.1468811	2.515465736	1.16139698	1.335508532
2018-05-27T04:38:31+02:00	13.24188709	15.19054222	2.524555206	1.183300972	1.122553874
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2018-05-27T04:58:31+02:00	13.24196148	15.23852348	2.49639225	1.18002224	1.534518351
2018-05-27T05:08:31+02:00	13.24112701	15.12512589	2.543925285	1.148134232	3.528382137
2018-05-27T05:18:31+02:00	13.24056053	15.22421932	2.519488335	1.204461098	1.486033532
2018-05-27T05:28:31+02:00	13.23924923	15.21989822	2.546161652	1.191496849	1.328519213
2018-05-27T05:38:31+02:00	13.23802757	15.24746513	2.534090996	1.178086281	1.303244608
2018-05-27T05:48:31+02:00	13.23780441	15.19367027	2.538561821	1.177639008	1.223474789
2018-05-27T05:58:31+02:00	13.2371788	15.22511196	2.5585289	1.197458267	1.47229382
2018-05-27T06:08:31+02:00	13.23647785	15.2407589	2.543627739	1.166015625	1.992375902
2018-05-27T06:18:31+02:00	13.23643303	15.220047	2.558677673	1.1788311	1.244623896
2018-05-27T06:28:31+02:00	13.23521137	15.2061882	2.570449829	1.156330109	1.281726956
2018-05-27T06:38:31+02:00	13.2342577	15.17504406	2.580881119	1.168847084	1.266908036
2018-05-27T06:48:31+02:00	13.2332592	15.15403366	2.607702255	1.137405396	1.319929113
2018-05-27T06:58:31+02:00	13.23354244	15.1520977	2.539753914	1.130848885	1.351164891
2018-05-27T07:08:31+02:00	13.23352718	15.13793945	2.570301056	1.130253792	1.474939234
2018-05-27T07:18:31+02:00	13.23549461	15.14941502	2.569257736	1.139939308	1.860243234
2018-05-27T07:28:31+02:00	13.23641872	15.08131695	2.55107975	1.107304573	1.359430996

2018-05-27T07:38:31+02:00	13.23871326	15.08414841	2.546161652	1.124739647	1.309630437
2018-05-27T07:48:31+02:00	13.24222946	15.06850243	2.577453613	1.136213303	1.363109703
2018-05-27T07:58:31+02:00	13.24488258	15.0398922	2.56091404	1.157969475	1.361197362
2018-05-27T08:08:31+02:00	13.2491436	15.00830078	2.552569389	1.131743431	1.304317634
2018-05-27T08:18:31+02:00	13.25365925	15.07282257	2.580137253	1.141131401	1.42099497
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2018-05-27T08:48:31+02:00	13.26879883	15.02022266	2.58564949	1.156627655	1.429544756
2018-05-27T08:58:31+02:00	13.27182388	14.98132896	2.560466766	1.119821548	1.327080917
2018-05-27T09:08:31+02:00	13.27627945	15.0004034	2.588183403	1.136959076	1.353330941
2018-05-27T09:18:31+02:00	13.28377438	14.99816799	2.563148499	1.125038147	1.515619905
2018-05-27T09:28:31+02:00	13.29676819	14.93483829	2.568066597	1.102685928	1.533313135
2018-05-27T09:38:31+02:00	13.29892921	15.00591564	2.586842537	1.106858253	1.511804898
2018-05-27T09:48:31+02:00	13.30403996	14.98043537	2.574771881	1.121312141	1.357665149
2018-05-27T09:58:31+02:00	13.31368065	14.9293251	2.575665474	1.09762001	1.37443818
2018-05-27T10:08:31+02:00	13.32966995	14.92664242	2.596675873	1.127123833	1.354697175
2018-05-27T10:18:31+02:00	13.33014679	15.00055218	2.565382957	1.129955292	1.929917724
2018-05-27T10:28:31+02:00	13.33293343	14.92723751	2.570898056	1.123101234	1.403753001
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2018-05-27T10:48:31+02:00	13.33336544	14.891325	2.544075966	1.122951508	1.468262395
2018-05-27T10:58:31+02:00	13.33266449	14.8245697	2.563148499	1.014322281	1.641565441
2018-05-27T11:08:31+02:00	13.33577919	14.84647369	2.55957222	1.070648193	1.649430713
2018-05-27T11:18:31+02:00	13.34555435	14.86286545	2.556741714	1.07184124	1.748559387
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2018-05-27T11:38:31+02:00	13.36713123	14.82814503	2.564787865	1.087487221	1.71907166
2018-05-27T11:48:31+02:00	13.37638474	14.90995407	2.587585449	1.064538956	1.624684565
2018-05-27T11:58:31+02:00	13.38036346	14.68926716	2.616792679	1.105814934	1.751655099
2018-05-27T12:08:31+02:00	13.38291168	14.67958069	2.583414078	1.081228256	1.79983396
2018-05-27T12:18:31+02:00	13.37945461	14.72294235	2.573131561	1.082718849	1.740371231
2018-05-27T12:28:31+02:00	13.37395573	14.81562901	2.582967758	1.074820518	1.896320455
2018-05-27T12:38:31+02:00	13.37739849	14.8455801	2.5591259	1.088679314	1.563634504
2018-05-27T12:48:31+02:00	13.38611507	14.7169838	2.570152283	1.070946693	1.74896223
2018-05-27T12:58:31+02:00	13.40010738	14.73858929	2.554656029	1.076311111	1.417786312
2018-05-27T13:08:31+02:00	13.40936089	14.80340958	2.575666428	1.076012611	1.49274917
2018-05-27T13:18:31+02:00	13.41769123	14.76779652	2.591609955	1.111477852	1.620021582
2018-05-27T13:28:31+02:00	13.41776562	14.77792835	2.569555283	1.114905357	1.563305235
2018-05-27T13:38:31+02:00	13.419837	14.74678421	2.531855583	1.094042778	1.671002524
2018-05-27T13:48:31+02:00	13.42353249	14.7241354	2.526045799	1.08927536	1.724675137
2018-05-27T13:58:31+02:00	13.42119312	14.78731728	2.528577805	1.130551338	1.842871185
2018-05-27T14:08:31+02:00	13.42421722	14.85526657	2.557933807	1.043230057	1.701824267
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2018-05-27T14:38:31+02:00	13.45343876	14.6570797	2.555549622	1.031160355	2.178948313
2018-05-27T14:48:31+02:00	13.46786308	14.55381393	2.55137825	1.050233841	1.575548234
2018-05-27T14:58:31+02:00	13.47683334	14.56201077	2.550035477	1.006126404	1.613036836
2018-05-27T15:08:31+02:00	13.47598457	14.56633186	2.565531731	1.014619827	1.589363733
2018-05-27T15:18:31+02:00	13.47257233	14.58481026	2.561061859	1.029520988	1.636462581
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2018-05-27T15:38:31+02:00	13.47148418	14.53354931	2.572089195	1.018494606	1.71171088
2018-05-27T15:48:31+02:00	13.47450924	14.53742409	2.561509132	0.985712051	1.57569372

2018-05-27T15:58:31+02:00	13.48471642	14.54576969	2.551674843	1.047699928	1.647802889
2018-05-27T16:08:31+02:00	13.49605656	14.51730824	2.560764313	0.984072685	1.841256845
2018-05-27T16:18:31+02:00	13.50222492	14.50583267	2.537369728	1.005827904	1.705486006
2018-05-27T16:28:31+02:00	13.50291061	14.53980827	2.5424366	0.990330696	1.762574856
2018-05-27T16:38:31+02:00	13.49925995	14.54427814	2.552568436	0.98854351	2.030940896
2018-05-27T16:48:31+02:00	13.50362587	14.5894289	2.527236938	0.998228073	1.725865457
2018-05-27T16:58:31+02:00	13.49945354	14.52013779	2.550333023	1.019089699	1.785884575
2018-05-27T17:08:31+02:00	13.49546051	14.5097084	2.582221985	1.008361816	1.650784608
2018-05-27T17:18:31+02:00	13.48906708	14.50330067	2.560317993	1.005827904	1.784400023
2018-05-27T17:28:31+02:00	13.4901104	14.52997398	2.544224739	0.996292114	1.724656853
2018-05-27T17:38:31+02:00	13.49270344	14.51328278	2.549886703	1.007019997	1.762519976
2018-05-27T17:48:31+02:00	13.4919281	14.52773857	2.570449829	0.976920128	1.84586095
2018-05-27T17:58:31+02:00	13.49253941	14.56335258	2.558081627	0.993906975	1.779873359
2018-05-27T18:08:31+02:00	13.48903751	14.54994011	2.55748558	0.998526573	1.700012449
2018-05-27T18:18:31+02:00	13.48795033	14.52371502	2.548248291	0.998825073	1.77629933
2018-05-27T18:28:31+02:00	13.48312187	14.52148056	2.543031693	0.99912262	1.78597607
2018-05-27T18:38:31+02:00	13.4745388	14.49018764	2.540945053	0.982880592	1.816223971
2018-05-27T18:48:31+02:00	13.46693897	14.5439806	2.555995941	1.015215874	1.814958957
2018-05-27T18:58:31+02:00	13.45768547	14.57944489	2.600550652	1.012682915	1.818112848
2018-05-27T19:08:31+02:00	13.44916248	14.58779049	2.585650444	0.966638565	1.72101288
2018-05-27T19:18:31+02:00	13.44075775	14.55530548	2.564042091	0.997036934	1.82990438
2018-05-27T19:28:31+02:00	13.43193626	14.58555412	2.556741714	0.981390953	1.681158897
2018-05-27T19:38:31+02:00	13.42582703	14.53965855	2.572834015	0.986308098	1.757554716
2018-05-27T19:48:31+02:00	13.41806316	14.61342049	2.565382957	0.994205475	1.726598225
2018-05-27T19:58:31+02:00	13.41095543	14.59956169	2.602487564	0.968575478	2.099198501
2018-05-27T20:08:31+02:00	13.40296841	14.55530453	2.54109478	0.976621628	1.624391978
2018-05-27T20:18:31+02:00	13.39854336	14.5223732	2.544075966	0.982135773	1.599983915
2018-05-27T20:28:31+02:00	13.39241886	14.50747204	2.5418396	0.983625412	1.561917551
2018-05-27T20:38:31+02:00	13.38507271	14.46708965	2.577007294	0.98973465	1.530026254
2018-05-27T20:48:31+02:00	13.37806892	14.46291733	2.554356575	0.971704483	1.616163078
2018-05-27T20:58:31+02:00	13.37556553	14.48839951	2.528131485	1.005679131	1.704881874
2018-05-27T21:08:31+02:00	13.37072277	14.4420557	2.55018425	0.958741188	1.855307633
2018-05-27T21:18:31+02:00	13.36666965	14.42372704	2.543479919	0.982434273	1.602195573
2018-05-27T21:28:31+02:00	13.36433029	14.44026947	2.551973343	0.983923912	1.973174096
2018-05-27T21:38:31+02:00	13.36270523	14.40450478	2.568365097	0.951141357	1.423929857
2018-05-27T21:48:31+02:00	13.36127472	14.39839554	2.537668228	0.97990036	1.62411765
2018-05-27T21:58:31+02:00	13.35941219	14.38245201	2.575219154	0.967681885	1.599160763
2018-05-27T22:08:31+02:00	13.35641766	14.38185501	2.5585289	0.987052917	1.703344149
2018-05-27T22:18:31+02:00	13.35377979	14.36352634	2.574027061	1.002251625	1.572678826
2018-05-27T22:28:31+02:00	13.34972668	14.34773159	2.571494102	0.966637611	1.739089234
2018-05-27T22:38:31+02:00	13.34601593	14.3450489	2.555549622	0.985860825	1.674991063
2018-05-27T22:48:31+02:00	13.34290218	14.33208561	2.520830154	1.008063316	1.633023585
2018-05-27T22:58:31+02:00	13.33978748	14.31122494	2.57760334	0.952929497	1.977105814
2018-05-27T23:08:31+02:00	13.33709049	14.31211948	2.581625938	0.961273193	1.630372235
2018-05-27T23:18:31+02:00	13.3328886	14.22837448	2.552569389	0.966340065	1.68156136
2018-05-27T23:28:31+02:00	13.3297739	14.27009678	2.58609581	0.959634781	1.69307398
2018-05-27T23:38:31+02:00	13.32662964	14.27799511	2.581178665	0.973045349	1.995665409
2018-05-27T23:48:31+02:00	13.32481194	14.29825974	2.575218201	0.960975647	1.823779294
2018-05-27T23:58:31+02:00	13.32266617	14.19335651	2.589822769	0.967532158	1.78579261
2018-05-28T00:08:31+02:00	13.31989479	14.23299408	2.580881119	0.97051239	1.983629154

2018-05-28T00:18:31+02:00	13.31756973	14.20170021	2.581775665	0.95203495	1.828162152
2018-05-28T00:28:31+02:00	13.31497765	14.19842243	2.606808662	0.946819305	1.852207605
2018-05-28T00:38:31+02:00	13.31251907	14.23910236	2.561211586	0.949203491	1.980909778
2018-05-28T00:48:31+02:00	13.30932999	14.22584152	2.604424477	0.956505775	2.079935157
2018-05-28T00:58:31+02:00	13.3077507	14.23567581	2.593696594	0.943541527	1.878885285
2018-05-28T01:08:31+02:00	13.30341434	14.17264366	2.585798264	0.944137573	1.922022002
2018-05-28T01:18:31+02:00	13.2986908	14.2495327	2.603530884	0.951438904	1.859270554
2018-05-28T01:28:31+02:00	13.29430962	14.26100731	2.583861351	0.933408737	1.979972764
2018-05-28T01:38:31+02:00	13.28909397	14.19782639	2.607553482	0.962316513	2.004928681
2018-05-28T01:48:31+02:00	13.28527927	14.2034893	2.593994141	0.941604614	1.99893717
2018-05-28T01:58:31+02:00	13.28091335	14.25996494	2.582372665	0.959933281	1.92652045
2018-05-28T02:08:31+02:00	13.27762032	14.23582458	2.62200737	0.924020767	2.015167119
2018-05-28T02:18:31+02:00	13.27496719	14.21868706	2.596079826	0.944286346	1.966927674
2018-05-28T02:28:31+02:00	13.27143574	14.23433304	2.599208832	0.946075439	1.975011289
2018-05-28T02:38:31+02:00	13.26803875	14.23388767	2.608894348	0.942499161	2.116681443
2018-05-28T02:48:31+02:00	13.26370239	14.2541523	2.640485764	0.940262794	1.95085411
2018-05-28T02:58:31+02:00	13.26154137	14.24267769	2.590269089	0.952928543	2.254512147
2018-05-28T03:08:31+02:00	13.25724983	14.19559193	2.607554436	0.96321106	2.116295093
2018-05-28T03:18:31+02:00	13.25443363	14.23701668	2.602189064	0.959188461	2.039306231
2018-05-28T03:28:31+02:00	13.25049973	14.17964745	2.619624138	0.97155571	2.093715505
2018-05-28T03:38:31+02:00	13.24722195	14.14775848	2.626478195	0.937580109	2.067646934
2018-05-28T03:48:31+02:00	13.24418163	14.13896751	2.635418892	0.953674316	1.998863772
2018-05-28T03:58:31+02:00	13.24112701	14.11154938	2.610981941	0.939666748	2.039821679
2018-05-28T04:08:31+02:00	13.23825073	14.10320377	2.598464012	0.942349434	2.11896377
2018-05-28T04:18:31+02:00	13.23452568	14.10692978	2.612321854	0.949650764	2.214372951
2018-05-28T04:28:31+02:00	13.2327528	14.15982819	2.609937668	0.921189308	2.143188257
2018-05-28T04:38:31+02:00	13.23285675	14.10722733	2.613067627	0.952332497	2.099989891
2018-05-28T04:48:31+02:00	13.23182869	14.08919716	2.608150482	0.937581062	2.305808717
2018-05-28T04:58:31+02:00	13.23232079	14.12451363	2.592057228	0.953227997	2.206137204
2018-05-28T05:08:31+02:00	13.23184395	14.03108215	2.589076996	0.868885994	1.97205327
2018-05-28T05:18:31+02:00	13.2322464	13.97103024	2.626031876	0.939070702	2.041531387
2018-05-28T05:28:31+02:00	13.23211193	13.99934196	2.625734329	0.902414322	2.100652685
2018-05-28T05:38:31+02:00	13.23078537	14.08398056	2.6135149	0.932514191	1.906802046
2018-05-28T05:48:31+02:00	13.22935486	14.14641666	2.600401878	0.92595768	1.88903422
2018-05-28T05:58:31+02:00	13.22765636	14.13851929	2.601146698	0.949949265	1.996125066
2018-05-28T06:08:31+02:00	13.22594261	14.10961151	2.57968998	0.9439888	2.752640879
2018-05-28T06:18:31+02:00	13.22333527	14.10484314	2.573430061	0.93564415	2.00053593
2018-05-28T06:28:31+02:00	13.22096634	14.06520653	2.579837799	0.955163956	1.974239908
2018-05-28T06:38:31+02:00	13.21952057	14.05715847	2.597272873	0.943392754	1.988958099
2018-05-28T06:48:31+02:00	13.21870041	14.05000687	2.605169296	0.926852226	1.963124842
2018-05-28T06:58:31+02:00	13.21896935	14.04687786	2.616792679	0.928342819	1.975544675
2018-05-28T07:08:31+02:00	13.21993732	14.01573372	2.627521515	0.933707237	1.984308895
2018-05-28T07:18:31+02:00	13.22115993	13.98995495	2.584606171	0.93564415	2.108381428
2018-05-28T07:28:31+02:00	13.22264957	13.99293518	2.582221985	0.945329666	2.012409513
2018-05-28T07:38:31+02:00	13.22560024	13.96596432	2.578050613	0.916869164	2.032337884
2018-05-28T07:48:31+02:00	13.22835732	13.93288326	2.576560974	0.952184677	1.92848537
2018-05-28T07:58:31+02:00	13.23342323	13.92513561	2.609641075	0.91791153	1.974901225
2018-05-28T08:08:31+02:00	13.23612022	13.9275198	2.599955559	0.924616814	1.983297988
2018-05-28T08:18:31+02:00	13.24024773	13.87193775	2.594291687	0.921935081	2.010718761
2018-05-28T08:28:31+02:00	13.24576187	13.9853363	2.613664627	0.93355751	2.101222683

2018-05-28T08:38:31+02:00	13.24953175	13.85807991	2.589969635	0.931471825	2.108528415
2018-05-28T08:48:31+02:00	13.25358486	13.92364502	2.583266258	0.91612339	2.03235624
2018-05-28T08:58:31+02:00	13.25799561	13.90978718	2.599061012	0.919997215	2.030572825
2018-05-28T09:08:31+02:00	13.26182461	13.88624382	2.610534668	0.950991631	2.254936385
2018-05-28T09:18:31+02:00	13.26490974	13.9309473	2.594441414	0.952482224	2.068033062
2018-05-28T09:28:31+02:00	13.2671299	13.88296509	2.636313438	0.944584846	2.17416038
2018-05-28T09:38:31+02:00	13.26967812	13.88192177	2.573431015	0.965148926	2.093899208
2018-05-28T09:48:31+02:00	13.27286625	13.87536621	2.607554436	0.936985016	2.143188257
2018-05-28T09:58:31+02:00	13.27604103	13.87402439	2.576112747	0.9436903	2.001234162
2018-05-28T10:08:31+02:00	13.27921486	13.87849331	2.590268135	0.945479393	2.135603412
2018-05-28T10:18:31+02:00	13.28340149	13.92587948	2.582669258	0.94324398	1.996713638
2018-05-28T10:28:31+02:00	13.28507042	13.87327957	2.592355728	0.970661163	2.056022484
2018-05-28T10:38:31+02:00	13.28787231	13.83319569	2.583711624	0.930875778	2.071657103
2018-05-28T10:48:31+02:00	13.29348946	13.82484913	2.577155113	0.931770325	2.112742639
2018-05-28T10:58:31+02:00	13.29903316	13.79475117	2.600699425	0.911653519	2.146483682
2018-05-28T11:08:31+02:00	13.30257988	13.81576061	2.565236092	0.951290131	2.132934217
2018-05-28T11:18:31+02:00	13.30409908	13.80294609	2.604722023	0.927448273	2.410333306
2018-05-28T11:28:31+02:00	13.303936	13.87670612	2.578050613	0.933707237	2.07316544
2018-05-28T11:38:31+02:00	13.30411434	13.80354118	2.558976173	0.946521759	2.137389047
2018-05-28T11:48:31+02:00	13.3056345	13.78581047	2.565236092	0.928789139	2.039141477
2018-05-28T11:58:31+02:00	13.31326389	13.78342438	2.591461182	0.93489933	2.077047306
2018-05-28T12:08:31+02:00	13.31278706	13.70593929	2.58803463	0.942647934	2.145415671
2018-05-28T12:18:31+02:00	13.31792736	13.71964741	2.579093933	0.931619644	2.252171563
2018-05-28T12:28:31+02:00	13.32607841	13.75109005	2.602933884	0.920890808	2.215036145
2018-05-28T12:38:31+02:00	13.32767296	13.65199661	2.604275703	0.936240196	2.22736416
2018-05-28T12:48:31+02:00	13.32893944	13.72814083	2.594739914	0.930429459	2.152080819
2018-05-28T12:58:31+02:00	13.3335886	13.69848824	2.557188034	0.950842857	2.084203066
2018-05-28T13:08:31+02:00	13.33938503	13.70281029	2.564190865	0.899583817	2.151693839
2018-05-28T13:18:31+02:00	13.33428955	13.64707947	2.561359406	0.932216644	2.175264575
2018-05-28T13:28:31+02:00	13.33387184	13.65780735	2.589970589	0.90912056	2.223623215
2018-05-28T13:38:31+02:00	13.33449745	13.60908222	2.608896255	0.906437874	2.239600925
2018-05-28T13:48:31+02:00	13.33464718	13.63009262	2.568065643	0.919699669	2.672987263
2018-05-28T13:58:31+02:00	13.33528709	13.60326958	2.590417862	0.914931297	2.325306397
2018-05-28T14:08:31+02:00	13.3400259	13.57778931	2.588183403	0.938921928	2.520018312
2018-05-28T14:18:31+02:00	13.34463024	13.59820461	2.609640121	0.960082054	2.388732935
2018-05-28T14:28:31+02:00	13.34613609	13.54321861	2.597867966	0.911653519	2.514954048
2018-05-28T14:38:31+02:00	13.3467617	14.13747692	2.668797493	1.019090652	3.403155822
2018-05-28T14:48:31+02:00	13.34711933	14.18948174	2.574324608	0.972747803	2.999154149
2018-05-28T14:58:31+02:00	13.34932423	14.14299011	2.543627739	0.960379601	2.678541369
2018-05-28T15:08:31+02:00	13.34589767	14.1154232	2.598612785	0.993311882	2.776468645
2018-05-28T15:18:31+02:00	13.34647846	14.13434696	2.627372742	0.986308098	2.458334483
2018-05-28T15:28:31+02:00	13.34807301	13.95955658	2.529471397	0.973939896	2.569348893
2018-05-28T15:38:31+02:00	13.34555435	13.96134472	2.522171021	0.990480423	2.655271923
2018-05-28T15:48:31+02:00	13.34616566	13.93333149	2.543926239	0.97885704	2.760886131
2018-05-28T15:58:31+02:00	13.34737206	13.94122791	2.534984589	0.986605644	2.682170488
2018-05-28T16:08:31+02:00	13.35006905	13.92990398	2.529472351	1.063346863	1.877747477
2018-05-28T16:18:31+02:00	13.35501671	14.21347332	2.535134315	1.004487991	2.777358125
2018-05-28T16:28:31+02:00	13.36024666	14.15878487	2.521575928	0.982433319	2.143243399
2018-05-28T16:38:31+02:00	13.35862255	14.19201374	2.526938438	0.957996368	2.259084012
2018-05-28T16:48:31+02:00	13.35734177	14.18054008	2.532749176	0.964253426	2.154326845

2018-05-28T16:58:31+02:00	13.35716248	14.16712952	2.539008141	0.954270363	2.164896438
2018-05-28T17:08:31+02:00	13.35567284	13.57257462	2.537370682	1.000613213	1.751985266
2018-05-28T17:18:31+02:00	13.35133648	13.58836937	2.514273643	0.985116005	1.636443852
2018-05-28T17:28:31+02:00	13.35003948	13.57555389	2.54943943	0.964105606	2.082179762
2018-05-28T17:38:31+02:00	13.34479427	13.60714436	2.520830154	0.957250595	1.54728482
2018-05-28T17:48:31+02:00	13.3410244	13.62472725	2.495796204	0.99942112	1.773403828
2018-05-28T17:58:31+02:00	13.33767128	13.69684982	2.472549438	0.983774185	1.760412537
2018-05-28T18:08:31+02:00	13.33546638	13.68776035	2.486110687	0.968873978	1.714567352
2018-05-28T18:18:31+02:00	13.33166695	13.68209839	2.482533455	0.943094254	1.781064115
2018-05-28T18:28:31+02:00	13.32801628	13.68209839	2.516806602	0.975131989	1.67702243
2018-05-28T18:38:31+02:00	13.32522964	13.64320469	2.506821632	0.893622398	1.654900781
2018-05-28T18:48:31+02:00	13.32347107	13.67524147	2.523363113	0.967383385	1.651864091
2018-05-28T18:58:31+02:00	13.32397747	13.66585541	2.504138947	0.976026535	2.211148556
2018-05-28T19:08:31+02:00	13.32370949	13.63396645	2.517551422	0.947267532	1.855161105
2018-05-28T19:18:31+02:00	13.32211494	13.60818768	2.516507149	0.940561295	1.724016461
2018-05-28T19:28:31+02:00	13.32174206	13.60729218	2.46882534	0.959932327	1.931827257
2018-05-28T19:38:31+02:00	13.32549763	13.59880066	2.499222755	0.960529327	1.949145837
2018-05-28T19:48:31+02:00	13.32651043	13.60148239	2.509950638	0.951737404	1.835498
2018-05-28T19:58:31+02:00	13.32661533	13.56005764	2.492665291	0.944436073	1.799210271
2018-05-28T20:08:31+02:00	13.3285675	13.58017349	2.486408234	0.912249565	1.779249838
2018-05-28T20:18:31+02:00	13.32622719	13.55618191	2.520382881	0.928640366	1.812318691
2018-05-28T20:28:31+02:00	13.32320309	13.53681183	2.501159668	0.947415352	1.792794887
2018-05-28T20:38:31+02:00	13.31938839	13.55901337	2.506376266	0.921786308	1.855510048
2018-05-28T20:48:31+02:00	13.31681061	13.50626278	2.494900703	0.929385185	2.016748313
2018-05-28T20:58:31+02:00	13.31493282	13.53487396	2.513230324	0.918953896	1.942827945
2018-05-28T21:08:31+02:00	13.31356144	13.52816868	2.519935608	0.968129158	1.94784197
2018-05-28T21:18:31+02:00	13.30889797	13.51937675	2.551376343	0.914633751	1.962867595
2018-05-28T21:28:31+02:00	13.3061409	13.50194168	2.535730362	0.954716682	1.939117939
2018-05-28T21:38:31+02:00	13.30192375	13.50626278	2.541543007	0.919848442	1.911372939
2018-05-28T21:48:31+02:00	13.29882431	13.46692371	2.517700195	0.936239243	1.929054642
2018-05-28T21:58:31+02:00	13.29548645	13.56095028	2.521871567	0.932812691	2.272246872
2018-05-28T22:08:31+02:00	13.2935791	13.54664612	2.520084381	0.925660133	1.92200367
2018-05-28T22:18:31+02:00	13.2897644	13.55647945	2.533792496	0.915229797	2.019450532
2018-05-28T22:28:31+02:00	13.28742504	13.54992294	2.536325455	0.933111191	2.432253427
2018-05-28T22:38:31+02:00	13.28304386	13.55797005	2.539306641	0.941157341	2.10352297
2018-05-28T22:48:31+02:00	13.28046608	13.51937675	2.528130531	0.925361633	1.990832345
2018-05-28T22:58:31+02:00	13.27787304	13.53651333	2.540200233	0.904351234	2.01158272
2018-05-28T23:08:31+02:00	13.27548885	13.48137856	2.529769897	0.902712822	2.085675361
2018-05-28T23:18:31+02:00	13.27413368	13.49076653	2.525895119	0.933855057	1.955997487
2018-05-28T23:28:31+02:00	13.27222633	13.51058578	2.529025078	0.908374786	2.052528591
2018-05-28T23:38:31+02:00	13.27179337	13.49002171	2.51531601	0.931322098	2.07736001
2018-05-28T23:48:31+02:00	13.26933479	13.47124577	2.516805649	0.945180893	1.998955519
2018-05-28T23:58:31+02:00	13.26920128	13.45202255	2.528876305	0.91791153	2.008053532
2018-05-29T00:08:31+02:00	13.27005005	13.46424198	2.540201187	0.902711868	2.03178624
2018-05-29T00:18:31+02:00	13.26926041	13.42594528	2.536773682	0.888406754	2.113607653
2018-05-29T00:28:31+02:00	13.26829147	13.40657425	2.537519455	0.912398338	2.146943694
2018-05-29T00:38:31+02:00	13.26815796	13.41104603	2.530068398	0.907331467	2.240928165
2018-05-29T00:48:31+02:00	13.2740736	13.34398842	2.55092907	0.938624382	2.255102494
2018-05-29T00:58:31+02:00	13.27985573	13.391078	2.561659813	0.89764595	2.335545146
2018-05-29T01:08:31+02:00	13.28189659	13.36961937	2.561956406	0.928044319	2.252816633

2018-05-29T01:18:31+02:00	13.2904501	13.36455345	2.540200233	0.962018967	2.490095487
2018-05-29T01:28:31+02:00	13.29673862	13.36187172	2.555847168	0.941455841	2.209969389
2018-05-29T01:38:31+02:00	13.29469681	13.30643845	2.536623955	0.940710068	2.346671183
2018-05-29T01:48:31+02:00	13.28966045	13.26277924	2.530366898	0.919402122	2.176461667
2018-05-29T01:58:31+02:00	13.28818512	13.22328949	2.551078796	0.957399368	2.232173839
2018-05-29T02:08:31+02:00	13.31272697	13.51192665	2.543479919	1.155286789	2.550616147
2018-05-29T02:18:31+02:00	13.32728577	13.28349209	2.526939392	1.170635223	2.473373182
2018-05-29T02:28:31+02:00	13.32245731	13.05624771	2.548693657	1.128166199	2.446881428
2018-05-29T02:38:31+02:00	13.31247425	13.02108097	2.533943176	1.098215103	2.396264766
2018-05-29T02:48:31+02:00	13.30444241	12.96624565	2.532600403	1.114904404	2.744508181
2018-05-29T02:58:31+02:00	13.30466557	12.88279819	2.533943176	1.123696327	2.634580588
2018-05-29T03:08:31+02:00	13.30505276	12.80024719	2.544819832	1.086593628	2.556810303
2018-05-29T03:18:31+02:00	13.29977798	12.69564056	2.503097534	1.074374199	2.668414908
2018-05-29T03:28:31+02:00	13.2965889	12.64900017	2.506672859	1.070349693	2.525398014
2018-05-29T03:38:31+02:00	13.2956953	12.55542088	2.511142731	1.087337494	2.708593308
2018-05-29T03:48:31+02:00	13.30380154	12.50162792	2.463459015	1.083761215	2.607195129
2018-05-29T03:58:31+02:00	13.3130703	12.46064854	2.489089966	1.090019226	2.67296878
2018-05-29T04:08:31+02:00	13.33211327	12.37600994	2.482682228	1.07958889	2.823139406
2018-05-29T04:18:31+02:00	13.35206604	12.39061451	2.447068214	1.046211243	2.908283186
2018-05-29T04:28:31+02:00	13.35996437	12.12775612	2.435594559	1.04412365	2.30912903
2018-05-29T04:38:31+02:00	13.35807133	12.04565144	2.349466324	1.049190521	2.410352213
2018-05-29T04:48:31+02:00	13.35534477	11.9845562	2.319514275	1.04233551	2.463784603
2018-05-29T04:58:31+02:00	13.3499651	11.8418045	2.291798592	1.014322281	2.466019789
2018-05-29T05:08:31+02:00	13.34547997	11.76819229	2.304911613	1.027882576	2.411460202
2018-05-29T05:18:31+02:00	13.34482384	11.76372147	2.339482307	1.01611042	4.074954021
2018-05-29T05:28:31+02:00	13.3451519	11.7543354	2.292990685	0.989735603	2.440084194
2018-05-29T05:38:31+02:00	13.34574795	11.64466095	2.30446434	0.947862625	2.36972052
2018-05-29T05:48:31+02:00	13.33530235	11.44900894	2.297759056	0.981987	2.600978959
2018-05-29T05:58:31+02:00	13.31250381	10.56507301	2.323091507	0.93460083	3.99922088
2018-05-29T06:08:31+02:00	13.29742336	8.65146637	2.317130089	0.846088409	6.846743469
2018-05-29T06:18:31+02:00	13.29129982	7.446706772	2.469867706	0.784994125	14.00270744
2018-05-29T06:28:31+02:00	13.29067326	6.609707832	2.49579525	0.723154068	12.8964623
2018-05-29T06:38:31+02:00	13.28730583	5.856305122	2.559573174	0.690816879	16.37266191
2018-05-29T06:48:31+02:00	13.2820158	4.821866035	2.589224815	0.647902489	20.76599036
2018-05-29T06:58:31+02:00	13.30529118	4.317015648	2.608747482	0.629127502	20.79477721
2018-05-29T07:08:31+02:00	13.34486866	6.327926636	2.652704239	0.842064857	22.60535695
2018-05-29T07:18:31+02:00	13.34212685	5.14387989	2.742856979	0.923723221	24.80037347
2018-05-29T07:28:31+02:00	13.33016205	4.453956604	2.801567078	0.856667519	24.76391995
2018-05-29T07:38:31+02:00	13.3210125	4.008413315	2.753735542	0.856072426	24.07263139
2018-05-29T07:48:31+02:00	13.31761456	3.765522003	2.796947479	0.822692871	25.20648868
2018-05-29T07:58:31+02:00	13.31391907	3.836452484	2.742558479	0.771432877	27.56300206
2018-05-29T08:08:31+02:00	13.31134129	3.90961647	2.749860764	0.825226784	32.71864132
2018-05-29T08:18:31+02:00	13.30718422	4.308223724	2.948640823	1.550465584	41.34806647
2018-05-29T08:28:31+02:00	13.29532242	6.238670349	3.686100006	2.603381157	67.47498028
2018-05-29T08:38:31+02:00	13.27928925	6.27189827	4.036425591	3.032834053	79.20439134
2018-05-29T08:48:31+02:00	13.28197098	6.30661869	4.05520153	3.028362274	80.28556066
2018-05-29T08:58:31+02:00	13.3130703	6.142108917	3.992616653	2.957283974	73.82973995
2018-05-29T09:08:31+02:00	13.35874176	6.741286278	3.933309555	2.846420288	76.63160374
2018-05-29T09:18:31+02:00	13.40880966	7.063001633	4.08351326	2.684741974	86.41524514
2018-05-29T09:28:31+02:00	13.45615101	9.444653511	3.299713135	1.092999458	62.68507482

2018-05-29T09:38:31+02:00	13.49845505	9.554027557	2.998411179	1.594424248	63.93914533
2018-05-29T09:48:31+02:00	13.5328474	9.791106224	3.131628036	2.210438728	72.58842947
2018-05-29T09:58:31+02:00	13.56144238	10.02803516	3.997682571	2.942681313	83.27559616
2018-05-29T10:08:31+02:00	13.57780361	10.30623913	2.966373444	2.609491348	96.78694594
2018-05-29T10:18:31+02:00	13.59085751	9.997634888	3.145039558	3.045200348	93.3922586
2018-05-29T10:28:31+02:00	13.60505867	9.318142891	3.349035263	3.668367386	93.3955277
2018-05-29T10:38:31+02:00	13.63430882	9.234846115	3.055483818	3.619491577	89.57391384
2018-05-29T10:48:31+02:00	13.67886353	9.142310143	2.831668854	3.452598572	83.45673648
2018-05-29T10:58:31+02:00	13.71978188	9.077936172	2.402664185	2.891122818	80.66907684
2018-05-29T11:08:31+02:00	13.78171158	8.932501793	2.15038681	3.006756783	77.78346444
2018-05-29T11:18:31+02:00	13.80203629	8.999406815	1.986026764	3.131627083	76.79077385
2018-05-29T11:28:31+02:00	13.83312035	9.168535233	2.187639236	3.636180878	80.51953725
2018-05-29T11:38:31+02:00	13.84864712	9.102226257	2.136826515	3.526062965	73.27439831
2018-05-29T11:48:31+02:00	13.86350441	9.287893295	1.717359543	3.500579834	74.05908905
2018-05-29T11:58:31+02:00	13.89394665	9.251982689	1.583695412	3.504306793	70.92119166
2018-05-29T12:08:31+02:00	13.92254257	9.195208549	1.523793221	3.390460968	73.69394471
2018-05-29T12:18:31+02:00	13.94458103	9.125024796	1.504421234	3.363043785	68.49751575
2018-05-29T12:28:31+02:00	13.94102001	8.992702484	1.586228371	3.287344933	70.55595315
2018-05-29T12:38:31+02:00	13.95072079	8.91327858	3.826319695	3.209560394	60.9199777
2018-05-29T12:48:31+02:00	13.9655323	8.866041183	3.731995583	3.221481323	61.46313514
2018-05-29T12:58:31+02:00	13.9672308	8.788704872	3.698766708	3.191232681	60.12587546
2018-05-29T13:08:31+02:00	13.96037674	8.723140717	3.58551693	3.162920952	61.99333983
2018-05-29T13:18:31+02:00	13.96434021	7.675588608	2.544075012	3.780275345	65.10035607
2018-05-29T13:28:31+02:00	13.96274567	7.17863369	4.1031847	4.977582932	55.51318566
2018-05-29T13:38:31+02:00	13.97024059	6.457864761	4.190057755	4.948676109	57.2507478
2018-05-29T13:48:31+02:00	13.9665451	7.441044807	4.322677612	4.992783546	50.99248717
2018-05-29T13:58:31+02:00	13.97326565	6.799250603	4.342048645	4.995911598	49.5812516
2018-05-29T14:08:31+02:00	13.99527454	7.080734253	4.389732361	4.976242065	51.07969624
2018-05-29T14:18:31+02:00	14.00682354	7.123649597	4.358590126	4.933029175	49.90735254
2018-05-29T14:28:31+02:00	14.01989174	7.15106678	4.351735115	4.903525352	51.60741635
2018-05-29T14:38:31+02:00	14.01826763	6.747543335	4.286617279	4.84719944	47.31454836
2018-05-29T14:48:31+02:00	14.02170944	6.472020149	4.224479675	4.833638191	46.62944214
2018-05-29T14:58:31+02:00	14.0224247	6.240904808	4.237592697	4.72769165	45.7025433
2018-05-29T15:08:31+02:00	14.01908684	5.973576546	4.262625694	4.687904358	47.3398979
2018-05-29T15:18:31+02:00	14.00642109	5.718320847	4.180074692	4.633665085	47.70633426
2018-05-29T15:28:31+02:00	13.98986626	5.579740524	4.178284645	4.527122498	45.92175876
2018-05-29T15:38:31+02:00	13.97727394	5.452484131	4.157571793	4.476308823	45.72667356
2018-05-29T15:48:31+02:00	13.97326565	5.444734573	4.105419159	4.395097733	47.09645761
2018-05-29T15:58:31+02:00	13.97122478	5.251169205	4.081726074	4.331171989	44.36905764
2018-05-29T16:08:31+02:00	13.96255207	5.107223511	4.023909569	4.273802757	47.60929406
2018-05-29T16:18:31+02:00	13.94550514	5.037338257	4.010050774	4.123151779	44.34154595
2018-05-29T16:28:31+02:00	13.92871094	4.872382164	3.950895309	4.085897446	45.38098609
2018-05-29T16:38:31+02:00	13.91786385	4.734100342	3.916322708	4.023015976	44.43959436
2018-05-29T16:48:31+02:00	13.90908623	4.722772598	3.847480774	3.959386826	43.95751583
2018-05-29T16:58:31+02:00	13.89968395	4.64484024	3.818273544	3.887117386	44.69397169
2018-05-29T17:08:31+02:00	13.89291859	4.486739159	3.803373337	3.817827225	41.65735151
2018-05-29T17:18:31+02:00	13.87639332	4.381090164	3.771037102	3.725140572	41.62086243
2018-05-29T17:28:31+02:00	13.85687256	4.285425186	3.716052055	3.632307053	41.22294048
2018-05-29T17:38:31+02:00	13.83778477	4.2122612	3.722757339	3.592073441	41.61312196
2018-05-29T17:48:31+02:00	13.82376289	4.354715347	3.669261932	3.527700424	41.31891793

2018-05-29T17:58:31+02:00	13.80641747	4.172771454	3.672986031	3.469735146	40.9443077
2018-05-29T18:08:31+02:00	13.79156113	3.73035717	3.622322083	3.379732132	39.89964389
2018-05-29T18:18:31+02:00	13.77637672	4.014969826	3.580152512	3.301947594	40.49546012
2018-05-29T18:28:31+02:00	13.76383018	3.87400341	3.583730698	3.232955933	39.16931122
2018-05-29T18:38:31+02:00	13.76192284	3.765820503	3.543943405	3.177373886	40.75908598
2018-05-29T18:48:31+02:00	13.75764656	3.664642334	3.540367126	3.127456665	41.97264656
2018-05-29T18:58:31+02:00	13.74892902	3.618597984	3.510266304	3.070234299	38.2636076
2018-05-29T19:08:31+02:00	13.73475838	3.522784233	3.487766266	3.02255249	38.5487554
2018-05-29T19:18:31+02:00	13.72177887	3.52173996	3.476142883	2.982765198	38.35223075
2018-05-29T19:28:31+02:00	13.70961952	3.4478302	3.441870689	2.951324463	37.55150318
2018-05-29T19:38:31+02:00	13.69741535	3.390907288	3.450363159	2.885909081	37.83796736
2018-05-29T19:48:31+02:00	13.68783379	3.311335564	3.450065613	2.915114403	38.14311967
2018-05-29T19:58:31+02:00	13.67792511	3.32102108	3.40357399	3.018974304	37.18507816
2018-05-29T20:08:31+02:00	13.66820908	3.750622749	3.382413864	2.976805687	38.48442539
2018-05-29T20:18:31+02:00	13.66007328	3.661810875	3.368257523	2.942978859	37.89140249
2018-05-29T20:28:31+02:00	13.65655708	3.73914814	3.365427017	2.894996643	37.19777396
2018-05-29T20:38:31+02:00	13.65102863	3.653019905	3.338604927	2.851187706	37.75397431
2018-05-29T20:48:31+02:00	13.64339924	3.602802277	3.369749069	2.819598198	37.95760621
2018-05-29T20:58:31+02:00	13.63684273	3.453641891	3.364085197	2.806484222	36.9556362
2018-05-29T21:08:31+02:00	13.62849808	3.508180618	3.377796173	2.889185905	37.65486671
2018-05-29T21:18:31+02:00	13.62234306	3.344266891	3.347545624	2.829582214	37.50060618
2018-05-29T21:28:31+02:00	13.61495209	3.203451157	3.401189804	2.854317665	37.96455128
2018-05-29T21:38:31+02:00	13.61121273	3.148019791	3.391950607	2.84031105	38.11882259
2018-05-29T21:48:31+02:00	13.60389614	3.038794518	3.38584137	2.761334419	38.26288541
2018-05-29T21:58:31+02:00	13.59511948	3.015697479	3.358721733	2.771318436	37.99346015
2018-05-29T22:08:31+02:00	13.58610344	2.980232239	3.361104965	2.698898315	37.41711834
2018-05-29T22:18:31+02:00	13.57789326	2.953558922	3.32131958	2.686233521	37.46899151
2018-05-29T22:28:31+02:00	13.56868458	2.916007996	3.282576561	2.671629906	33.47712999
2018-05-29T22:38:31+02:00	13.56087589	2.833008766	3.232508659	2.62469101	34.84631754
2018-05-29T22:48:31+02:00	13.55321693	2.800523758	3.239214897	2.646893501	33.97725446
2018-05-29T22:58:31+02:00	13.54436588	2.784430504	3.253818512	2.578794479	34.15126226
2018-05-29T23:08:31+02:00	13.53631878	2.770274162	3.218650818	2.578645706	35.10307891
2018-05-29T23:18:31+02:00	13.53038883	2.740174294	3.22267437	2.548396111	35.27090141
2018-05-29T23:28:31+02:00	13.52377224	2.717971802	3.240704536	2.525746346	35.59588187
2018-05-29T23:38:31+02:00	13.52009201	2.683401108	3.27497673	2.493858337	35.90836332
2018-05-29T23:48:31+02:00	13.51587486	2.65017128	3.207324982	2.478807449	36.51285807
2018-05-29T23:58:31+02:00	13.51256657	2.54914093	3.227740288	2.408177376	36.00379064
2018-05-30T00:08:31+02:00	13.50888634	2.510100365	3.233998299	2.40310955	36.51539401
2018-05-30T00:18:31+02:00	13.50678539	2.508312225	3.209858894	2.3956604	35.6795896
2018-05-30T00:28:31+02:00	13.50188255	2.491175652	3.19421196	2.35050869	35.54907163
2018-05-30T00:38:31+02:00	13.49745655	2.461969376	3.166347504	2.336651802	34.41959325
2018-05-30T00:48:31+02:00	13.49157143	2.390891075	3.181099892	2.336949348	35.47776736
2018-05-30T00:58:31+02:00	13.48671341	2.38776207	3.179162979	2.275855064	35.93519512
2018-05-30T01:08:31+02:00	13.4819746	2.33471489	3.196895599	2.253354073	37.16592201
2018-05-30T01:18:31+02:00	13.47900963	2.339035034	3.16903019	2.290904999	35.39744789
2018-05-30T01:28:31+02:00	13.47513485	2.34216404	3.142059326	2.220571518	35.22239113
2018-05-30T01:38:31+02:00	13.47081375	2.616792679	3.168880463	2.212822914	35.35396538
2018-05-30T01:48:31+02:00	13.46574688	2.410709381	3.155022621	2.2149086	35.67177076
2018-05-30T01:58:31+02:00	13.46239471	2.731084824	3.145038605	2.175868034	33.87385223
2018-05-30T02:08:31+02:00	13.4583416	3.488958359	3.087818146	2.158285141	35.48077972

2018-05-30T02:18:31+02:00	13.45686626	3.518760681	3.094672203	2.137422562	35.76604282
2018-05-30T02:28:31+02:00	13.45513725	3.446640015	3.056973457	2.109110832	35.46279576
2018-05-30T02:38:31+02:00	13.45528698	3.537237167	3.05116272	2.115071297	41.26562544
2018-05-30T02:48:31+02:00	13.4517107	3.456323624	3.025531769	2.145468712	38.10343307
2018-05-30T02:58:31+02:00	13.45117378	3.226996422	3.046990395	2.123415947	36.39313872
2018-05-30T03:08:31+02:00	13.44746399	3.209711075	3.024785995	2.112090111	36.24743202
2018-05-30T03:18:31+02:00	13.44586945	3.293156624	3.042072296	2.049803734	36.62408472
2018-05-30T03:28:31+02:00	13.44311237	3.106445313	3.041477203	2.093911171	36.6275633
2018-05-30T03:38:31+02:00	13.44066811	3.206133842	2.994239807	2.035945892	36.624265
2018-05-30T03:48:31+02:00	13.4375248	3.183036804	2.973526955	2.035945892	36.62398229
2018-05-30T03:58:31+02:00	13.43546772	3.151596069	2.972482681	2.043694496	37.10357765
2018-05-30T04:08:31+02:00	13.43356037	3.179014206	2.985001564	2.021192551	37.17148886
2018-05-30T04:18:31+02:00	13.43192196	3.130435944	2.964735985	2.000034332	37.4434626
2018-05-30T04:28:31+02:00	13.42789841	3.16560173	2.910345078	1.992732048	34.55991081
2018-05-30T04:38:31+02:00	13.42701912	3.092140198	2.907068253	2.01657486	35.09388556
2018-05-30T04:48:31+02:00	13.42450047	3.138630867	2.897829056	1.968592644	35.82531717
2018-05-30T04:58:31+02:00	13.42222118	3.019421577	2.936423302	1.981258392	37.10439746
2018-05-30T05:08:31+02:00	13.41731834	3.014951706	2.929718018	1.975446701	37.27938395
2018-05-30T05:18:31+02:00	13.41545582	3.39552784	2.926141739	1.937598228	37.82815595
2018-05-30T05:28:31+02:00	13.41195393	3.135501862	2.929569244	1.938193321	38.0997324
2018-05-30T05:38:31+02:00	13.41223717	3.276468277	2.912432671	1.953244209	37.32374375
2018-05-30T05:48:31+02:00	13.40636635	3.109127998	2.95817852	1.918673515	38.18805956
2018-05-30T05:58:31+02:00	13.40451813	3.001987457	2.946704865	1.921504974	37.50288608
2018-05-30T06:08:31+02:00	13.40271568	2.919883728	2.946407318	1.90615654	37.3393398
2018-05-30T06:18:31+02:00	13.40046501	3.335773468	2.951473236	1.903325081	37.6607108
2018-05-30T06:28:31+02:00	13.39796162	3.365875244	2.910643578	1.995862007	38.74377054
2018-05-30T06:38:31+02:00	13.39462376	3.305225372	2.942978859	1.986771584	38.17393283
2018-05-30T06:48:31+02:00	13.39034748	3.298967361	2.949386597	2.011656761	38.66299385
2018-05-30T06:58:31+02:00	13.3864584	3.298371315	2.925247192	1.975745201	38.62102327
2018-05-30T07:08:31+02:00	13.38227081	3.220438957	2.896188736	1.973212242	38.26677538
2018-05-30T07:18:31+02:00	13.38045311	3.238768578	2.904535294	1.968592644	37.68278328
2018-05-30T07:28:31+02:00	13.37949944	3.215074539	2.869517326	1.983195305	38.25044829
2018-05-30T07:38:31+02:00	13.38221169	3.237575531	2.888887405	1.936554909	38.53973404
2018-05-30T07:48:31+02:00	13.38471508	3.241301537	2.866834641	2.010464668	38.35647804
2018-05-30T07:58:31+02:00	13.38751602	3.260821342	2.809017181	1.971721649	34.90795347
2018-05-30T08:08:31+02:00	13.38955784	3.293455124	2.811847687	1.955330849	36.27583288
2018-05-30T08:18:31+02:00	13.39232922	3.236382484	2.815872192	1.944749832	36.08539278
2018-05-30T08:28:31+02:00	13.39408779	3.227293015	2.820790291	1.949816704	36.52013817
2018-05-30T08:38:31+02:00	13.39681435	3.267377853	2.859085083	1.892148972	36.73680204
2018-05-30T08:48:31+02:00	13.39855766	3.225356102	2.841651917	1.911670685	36.86096073
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2018-05-30T09:08:31+02:00	13.39904976	3.174692154	2.85059166	1.972168922	36.86446465
2018-05-30T09:18:31+02:00	13.39904976	3.207325935	2.839416504	1.962333679	37.12253186
2018-05-30T09:28:31+02:00	13.40037537	3.218054771	2.843736649	1.950263977	37.91622381
2018-05-30T09:38:31+02:00	13.40009308	3.20479393	2.809019089	1.967996597	37.66259732
2018-05-30T09:48:31+02:00	13.39969063	3.234148026	2.829730988	2.013892174	37.79553117
2018-05-30T09:58:31+02:00	13.39857292	3.217905045	2.838671684	1.991540909	38.09004998
2018-05-30T10:08:31+02:00	13.39978027	3.23072052	2.856552124	1.992136002	37.74736276
2018-05-30T10:18:31+02:00	13.39751434	3.218501091	2.828090668	2.011805534	37.17601451
2018-05-30T10:28:31+02:00	13.39974976	3.172904968	2.814680099	1.996308327	36.8988242

2018-05-30T10:38:31+02:00	13.39663601	3.191233635	2.788454056	2.000331879	37.04545454
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2018-05-30T10:58:31+02:00	13.40141869	3.199726105	2.781301498	2.020895958	37.77394044
2018-05-30T11:08:31+02:00	13.40900326	3.15785408	2.760887146	2.00584507	38.59046063
2018-05-30T11:18:31+02:00	13.42342758	3.151445389	2.783535957	2.000779152	38.40092577
2018-05-30T11:28:31+02:00	13.44747829	3.134757042	2.769530296	1.96024704	38.16614124
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2018-05-30T11:48:31+02:00	13.45425797	3.192276001	2.753734589	1.960546494	39.6528977
2018-05-30T11:58:31+02:00	13.44499016	3.134757042	2.791583061	1.960396767	38.94633257
2018-05-30T12:08:31+02:00	13.44473648	3.16754055	2.739429474	1.9426651	39.33219835
2018-05-30T12:18:31+02:00	13.44344044	3.196299553	2.745538712	1.982003212	39.53522947
2018-05-30T12:28:31+02:00	13.45230675	3.188998222	2.741814613	1.96009922	39.19832465
2018-05-30T12:38:31+02:00	13.45036888	3.141909599	2.752840042	1.977682114	40.54267873
2018-05-30T12:48:31+02:00	13.44947529	3.150253296	2.727955818	1.963228226	39.45520232
2018-05-30T12:58:31+02:00	13.44509411	3.168582916	2.692640305	1.988559723	39.36689214
2018-05-30T13:08:31+02:00	13.44670391	3.070234299	2.715141296	1.932829857	41.08858898
2018-05-30T13:18:31+02:00	13.44147301	3.352313995	2.673565865	1.963376999	39.93216433
2018-05-30T13:28:31+02:00	13.44069862	3.390610695	2.610385895	1.972317696	40.32716996
2018-05-30T13:38:31+02:00	13.4323988	3.513545036	2.610832214	1.934170723	40.35689454
2018-05-30T13:48:31+02:00	13.42950726	3.569871902	2.545566559	2.002120018	40.67010224
2018-05-30T13:58:31+02:00	13.42175865	3.548413277	2.573132515	2.027303696	40.37578366
2018-05-30T14:08:31+02:00	13.42101383	3.516822815	2.565831184	1.964866638	47.76162938
2018-05-30T14:18:31+02:00	13.41971779	3.620534897	2.520233154	1.903175354	41.50613081
2018-05-30T14:28:31+02:00	13.42061138	3.677905083	2.453178406	1.726299286	41.73597937
2018-05-30T14:38:31+02:00	13.41973209	3.735720634	2.425312042	1.768618584	40.32638482
2018-05-30T14:48:31+02:00	13.41675186	3.697872162	2.519190788	1.726299286	40.67180866
2018-05-30T14:58:31+02:00	13.41699028	3.734678268	2.545415878	1.729726791	40.14866555
2018-05-30T15:08:31+02:00	13.42344284	3.775060654	2.487154007	1.709759712	38.5089971
2018-05-30T15:18:31+02:00	13.42740631	3.737657547	2.474338531	1.693964005	36.18822026
2018-05-30T15:28:31+02:00	13.41864491	3.750026703	2.452879906	1.691282272	35.98341872
2018-05-30T15:38:31+02:00	13.40980816	3.741533279	2.442002296	1.694858551	36.11380982
2018-05-30T15:48:31+02:00	13.41106033	3.79309082	2.440660477	1.728981972	36.33671661
2018-05-30T15:58:31+02:00	13.41533661	3.739595413	2.45183754	1.716763496	36.33009313
2018-05-30T16:08:31+02:00	13.41676712	3.73840332	2.426803589	1.748651505	36.07419654
2018-05-30T16:18:31+02:00	13.41202831	3.589391708	2.443789482	1.750141144	37.37637515
2018-05-30T16:28:31+02:00	13.40942097	3.540664673	2.445877075	1.781881332	38.26537614
2018-05-30T16:38:31+02:00	13.40021229	5.635620117	2.294481277	1.894831657	36.88315654
2018-05-30T16:48:31+02:00	13.39465332	5.574076653	2.295970917	1.929253578	37.71716423
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2018-05-30T17:08:31+02:00	13.38380623	5.265325546	2.142638206	1.91554451	38.57731394
2018-05-30T17:18:31+02:00	13.37605667	5.351901054	2.124459267	1.883805275	40.17118469
2018-05-30T17:28:31+02:00	13.36850262	5.221664429	2.193152428	1.853704453	39.23487892
2018-05-30T17:38:31+02:00	13.361022	5.820692062	2.131908417	1.948178291	32.11081458
2018-05-30T17:48:31+02:00	13.355896	5.679875374	2.133995056	1.955329895	32.30011288
2018-05-30T17:58:31+02:00	13.35161972	5.630552292	2.16886425	1.910477638	31.95910418
2018-05-30T18:08:31+02:00	13.34655285	5.623995781	2.144277573	1.917928696	32.20275635
2018-05-30T18:18:31+02:00	13.34664249	5.546658516	2.159773827	1.91450119	31.85589331
2018-05-30T18:28:31+02:00	13.34981632	5.514174461	2.163499832	1.838953018	32.32656807
2018-05-30T18:38:31+02:00	13.35452461	5.42715168	2.115368843	1.824050903	31.88590476
2018-05-30T18:48:31+02:00	13.35847378	5.216599464	2.137571335	1.787543297	32.52980011

2018-05-30T18:58:31+02:00	13.36135006	5.104393005	2.13295269	1.747012138	32.8781209
2018-05-30T19:08:31+02:00	13.36416626	4.915743828	2.139360428	1.710206985	32.99282764
2018-05-30T19:18:31+02:00	13.36833858	4.772246361	2.120285988	1.723319054	32.53298737
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2018-05-30T19:38:31+02:00	13.38249397	4.691034317	2.092720032	1.654326439	32.09909914
2018-05-30T19:48:31+02:00	13.3967104	4.433543205	2.112686157	1.592188835	33.78988605
2018-05-30T19:58:31+02:00	13.39986897	4.387349129	2.15247345	1.56953907	37.00042559
2018-05-30T20:08:31+02:00	13.40608311	4.576295853	2.100914955	1.574009895	33.44262135
2018-05-30T20:18:31+02:00	13.41181946	5.271882057	2.119094849	1.562684059	33.26704117
2018-05-30T20:28:31+02:00	13.41620064	5.547702789	2.115816116	1.638531685	30.85783573
2018-05-30T20:38:31+02:00	13.41755676	5.781202316	2.134143829	1.663714409	31.1394645
2018-05-30T20:48:31+02:00	13.42360687	5.504786491	2.230703354	1.686811447	31.66338001
2018-05-30T20:58:31+02:00	13.42737675	6.075055122	2.347975731	1.693070412	31.40272899
2018-05-30T21:08:31+02:00	13.42755508	6.144047737	2.375245094	1.711249352	30.05076726
2018-05-30T21:18:31+02:00	13.4321003	6.229578972	2.422929764	1.700073242	32.23988963
2018-05-30T21:28:31+02:00	13.4385376	6.572009087	2.307593346	1.569986343	28.52053399
2018-05-30T21:38:31+02:00	13.44534779	6.860344887	2.354234695	1.557618141	25.5127248
2018-05-30T21:48:31+02:00	13.45290279	6.835758209	2.324878693	1.349896431	23.47849956
2018-05-30T21:58:31+02:00	13.45708942	6.861239433	2.420843124	1.382976532	22.4315769
2018-05-30T22:08:31+02:00	13.46516609	6.856620789	2.553612709	1.435727119	24.55743833
2018-05-30T22:18:31+02:00	13.47450924	6.883144379	2.707093239	1.827329636	15.26000751
2018-05-30T22:28:31+02:00	13.47382355	6.696879387	2.503543854	1.897663116	15.34468511
2018-05-30T22:38:31+02:00	13.47178268	6.642043114	2.642721176	2.000033379	13.30213741
2018-05-30T22:48:31+02:00	13.47005367	6.589443207	2.321154594	2.019554138	12.80026335
2018-05-30T22:58:31+02:00	13.46929359	6.513745308	2.308190346	2.037584305	25.70101325
2018-05-30T23:08:31+02:00	13.46923447	6.316452026	2.365410805	2.139061928	10.94178045
2018-05-30T23:18:31+02:00	13.46905518	6.283819199	2.038925171	2.103000641	11.98059111
2018-05-30T23:28:31+02:00	13.4669838	6.275325775	2.292245865	2.134292603	12.09511485
2018-05-30T23:38:31+02:00	13.46597099	6.072670937	2.054124832	2.118497849	10.66252341
2018-05-30T23:48:31+02:00	13.46431637	6.786734581	1.955926895	2.099126816	11.13689712
2018-05-30T23:58:31+02:00	13.46161938	5.844831467	2.196133614	2.149790764	10.6300558
2018-05-31T00:08:31+02:00	13.45892239	5.843191147	2.023280144	2.11447525	11.63708729
2018-05-31T00:18:31+02:00	13.45567417	5.782247543	2.071857452	2.119243622	21.42148785
2018-05-31T00:28:31+02:00	13.45112896	5.690605164	2.150238037	2.12356472	11.06209621
2018-05-31T00:38:31+02:00	13.44466209	5.625038147	2.079904556	2.097934723	11.38879881
2018-05-31T00:48:31+02:00	13.439044	5.605816841	1.975149155	2.086461067	9.034854942
2018-05-31T00:58:31+02:00	13.43551254	5.542934418	1.946836472	1.994222641	10.97833926
2018-05-31T01:08:31+02:00	13.43458939	5.469768524	1.967400551	2.161115646	11.55549454
2018-05-31T01:18:31+02:00	13.43594456	5.331336975	2.024323463	2.036244392	10.24385804
2018-05-31T01:28:31+02:00	13.4391489	5.25459671	1.801997185	2.019405365	8.807557072
2018-05-31T01:38:31+02:00	13.44090652	5.264730453	1.938790321	2.085715294	9.760023529
2018-05-31T01:48:31+02:00	13.44244194	5.374401093	5.402714729	2.142489433	10.32796304
2018-05-31T01:58:31+02:00	13.44354439	5.728007317	1.982896805	2.393871307	12.58492704
2018-05-31T02:08:31+02:00	13.44589901	6.033628464	2.158432961	2.865195274	14.72098597
2018-05-31T02:18:31+02:00	13.44983292	6.397813797	2.348423004	3.16798687	19.07174902
2018-05-31T02:28:31+02:00	13.45635986	6.809384346	2.670436859	3.266929626	20.8180272
2018-05-31T02:38:31+02:00	13.46351242	6.889998436	2.8699646	3.653616905	21.34369261
2018-05-31T02:48:31+02:00	13.47282505	7.218420029	2.659558296	3.72946167	20.36307703
2018-05-31T02:58:31+02:00	13.48386669	7.003248215	2.93970108	3.742574692	20.72389018
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2018-05-31T03:18:31+02:00	13.50149536	6.964952469	2.817809105	3.66762352	21.92156445
2018-05-31T03:28:31+02:00	13.50852871	6.955862999	2.878159523	3.582536697	20.82849419
2018-05-31T03:38:31+02:00	13.51606846	6.874948502	2.94178772	3.620535851	20.55673903
2018-05-31T03:48:31+02:00	13.52205849	6.993560791	2.863854408	3.294348717	21.83224563
2018-05-31T03:58:31+02:00	13.52411461	6.830394745	2.915560722	3.463030815	20.66856171
2018-05-31T04:08:31+02:00	13.52336979	6.742030144	2.98529911	3.516376495	21.11527849
2018-05-31T04:18:31+02:00	13.52383232	6.78837204	3.204047203	3.558994293	18.55851554
2018-05-31T04:28:31+02:00	13.52471161	6.765275955	3.0495224	3.614724159	19.81101526
2018-05-31T04:38:31+02:00	13.52424908	7.347017288	3.111958504	3.579854012	22.8956696
2018-05-31T04:48:31+02:00	13.52332497	7.019639015	3.063529968	3.676861763	19.51276905
2018-05-31T04:58:31+02:00	13.52214813	6.961673737	3.209560394	3.785193443	20.6517745
2018-05-31T05:08:31+02:00	13.51930237	6.982088089	3.088266373	3.835857391	21.73857479
2018-05-31T05:18:31+02:00	13.51782703	6.979255676	2.971142769	3.873556137	21.28538384
2018-05-31T05:28:31+02:00	13.51690292	7.017999649	2.890230179	3.799200058	20.81849977
2018-05-31T05:38:31+02:00	13.51480198	7.078648567	2.937017441	3.790854454	20.44803686
2018-05-31T05:48:31+02:00	13.51389313	6.994902611	2.879499435	3.834366798	20.77559186
2018-05-31T05:58:31+02:00	13.51270103	6.928741455	3.062487602	3.70085144	19.2006212
2018-05-31T06:08:31+02:00	13.51282024	6.919354439	2.812892914	3.860591888	17.67039445
2018-05-31T06:18:31+02:00	13.51214981	7.040500641	2.688914299	3.701150894	18.25492337
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2018-05-31T06:58:31+02:00	13.51468277	6.863473892	2.845674515	3.687589645	17.00781279
2018-05-31T07:08:31+02:00	13.51498032	6.850956917	2.575963974	3.63066864	18.05491911
2018-05-31T07:18:31+02:00	13.51401234	6.726385117	2.667308807	3.511755943	17.27040019
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2018-05-31T07:38:31+02:00	13.51669407	6.766914368	2.5044384	3.38494873	17.89502722
2018-05-31T07:48:31+02:00	13.51757336	6.760359764	2.678781509	3.282278061	18.11126413
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2018-05-31T08:38:31+02:00	13.52040482	6.426721573	2.629756927	3.365427017	15.8675834
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2018-05-31T09:18:31+02:00	13.52545643	6.275325775	2.431123734	3.137142181	14.19963118
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2018-05-31T09:48:31+02:00	13.52395153	6.364136696	2.31415081	3.138036728	14.38099357
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2018-05-31T10:08:31+02:00	13.52344418	6.065219879	2.721846581	3.03953743	15.41368023
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2018-05-31T10:28:31+02:00	13.53578281	6.248205185	2.402961731	2.831220627	13.25643878
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2018-05-31T10:48:31+02:00	13.53594685	6.024092674	2.688020706	2.94923687	13.15096389
2018-05-31T10:58:31+02:00	13.54491711	5.925445557	2.292841911	3.024339676	12.50190301
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2018-05-31T11:18:31+02:00	13.53789902	5.869120598	2.406388283	2.907365799	12.81763278
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2018-05-31T12:08:31+02:00	13.54868698	5.675107956	2.361683846	2.87607193	11.12072065
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2018-05-31T12:38:31+02:00	13.55101204	5.565286636	2.143383026	2.832859993	10.79827754
2018-05-31T12:48:31+02:00	13.54679489	5.541294098	2.200156212	2.745092392	11.16860325
2018-05-31T12:58:31+02:00	13.54916382	5.505680084	2.37658596	2.84045887	11.61120594
2018-05-31T13:08:31+02:00	13.54955101	5.4290905	2.265275002	2.759099007	10.88149255
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2018-05-31T13:58:31+02:00	13.52918148	5.355625153	2.394616127	2.678781509	11.12359023
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2018-05-31T14:18:31+02:00	13.5135498	5.265176773	2.723484039	2.709478378	12.32935883
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2018-05-31T14:48:31+02:00	13.51682854	5.461572647	2.426654816	2.315342903	11.53062167
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2018-05-31T15:08:31+02:00	13.55084801	5.131066322	2.35885334	2.553165436	11.16580925
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2018-05-31T15:28:31+02:00	13.53542519	5.086659431	2.19613266	2.485216141	9.297224193
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2018-05-31T16:18:31+02:00	13.54123688	5.007534027	2.404600143	2.45958519	10.04262552
2018-05-31T16:28:31+02:00	13.52719975	5.178153992	2.094357491	2.267807007	8.854096703
2018-05-31T16:38:31+02:00	13.52262497	5.031375885	2.15143013	2.322494507	9.133736851
2018-05-31T16:48:31+02:00	13.52095604	5.055815697	2.045780182	2.346933365	9.011560127
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2018-05-31T17:38:31+02:00	13.51842308	4.850029945	2.227275848	2.362132072	9.568591939
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2018-05-31T18:18:31+02:00	13.50747013	4.872529984	2.07796669	2.225190163	8.502251834
2018-05-31T18:28:31+02:00	13.4994688	4.933922768	2.158432961	2.146959305	9.759965574
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2018-05-31T18:48:31+02:00	13.47255707	4.932136536	2.045780182	2.174079895	8.524532608
2018-05-31T18:58:31+02:00	13.47136497	4.88147068	2.028048515	2.152173996	7.889616665
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2018-05-31T19:38:31+02:00	13.45597172	4.848539352	2.257675171	2.218783379	8.671440802
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2018-05-31T19:58:31+02:00	13.4465847	4.836618423	2.145171165	2.182274818	9.348799676
2018-05-31T20:08:31+02:00	13.44162178	4.94420433	2.129673958	2.14248848	8.81354368
2018-05-31T20:18:31+02:00	13.44077301	4.788041115	1.978129387	2.205223083	9.398948066
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2018-05-31T20:38:31+02:00	13.43575096	4.834234238	2.084524155	2.281964302	9.624834716
2018-05-31T20:48:31+02:00	13.42999935	4.974007607	2.056062698	2.218931198	9.024939975
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2018-05-31T21:38:31+02:00	13.40867615	4.95702076	2.069770813	2.23204422	9.590642746
2018-05-31T21:48:31+02:00	13.40724564	4.93705368	2.095549583	2.290010452	9.495203163
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2018-05-31T22:38:31+02:00	13.38420773	4.993527412	2.071111679	2.338886261	9.410293722
2018-05-31T22:48:31+02:00	13.3824501	5.022585869	1.969784737	2.28673172	9.401976021
2018-05-31T22:58:31+02:00	13.379529	5.04761982	2.14234066	2.203136444	10.28251631
2018-05-31T23:08:31+02:00	13.37745762	5.125255585	2.132058144	2.317428589	9.565198206
2018-05-31T23:18:31+02:00	13.37480545	5.088150024	2.05978775	2.298802376	10.60412954
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2018-05-31T23:38:31+02:00	13.37055874	5.044042587	2.019703865	2.317131042	9.468846572
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2018-05-31T23:58:31+02:00	13.36328697	5.05566597	2.046376228	2.321302414	10.43788445
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2018-06-01T00:18:31+02:00	13.35789299	5.070716858	2.034157753	2.343356133	10.77609064
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2018-06-01T01:58:31+02:00	13.34367657	5.066990852	2.142935753	2.261847496	11.09797379
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2018-06-01T02:18:31+02:00	13.35155964	5.056858063	2.047419548	2.260505676	10.31602817
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2018-06-01T02:38:31+02:00	13.35616398	5.039125443	2.090483665	2.287327766	10.54410995
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2018-06-01T02:58:31+02:00	13.359025	5.030184746	2.135335922	2.228766441	11.39828024
2018-06-01T03:08:31+02:00	13.355196	4.959256172	2.102404594	2.262293816	11.10394436
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2018-06-01T03:38:31+02:00	13.35220051	4.950164795	2.085119247	2.225637436	10.8012786
2018-06-01T03:48:31+02:00	13.35088921	4.933177948	2.081841469	2.234875679	11.18100734
2018-06-01T03:58:31+02:00	13.34892178	4.884601593	2.036988258	2.211332321	10.36128643
2018-06-01T04:08:31+02:00	13.34865379	4.892648697	2.034902573	2.158433914	10.51795863

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2018-06-01T04:28:31+02:00	13.34740257	4.873423576	2.011507034	2.12326622	10.78234362
2018-06-01T04:38:31+02:00	13.34412384	4.865824699	2.077669144	2.104491234	10.94980849
2018-06-01T04:48:31+02:00	13.34527111	4.875658989	2.073794365	2.080649376	10.77127906
2018-06-01T04:58:31+02:00	13.34463024	4.857778549	2.045631409	2.11492157	10.84602145
2018-06-01T05:08:31+02:00	13.34400463	4.820674896	2.154111862	2.056806564	11.03419482
2018-06-01T05:18:31+02:00	13.34142685	4.90054512	2.093613625	2.011358261	10.87177303
2018-06-01T05:28:31+02:00	13.34105396	4.808156967	2.069622993	2.000331879	10.732375
2018-06-01T05:38:31+02:00	13.34038353	4.818141937	2.067684174	2.017915726	10.95387038
2018-06-01T05:48:31+02:00	13.3413372	4.77448082	2.054720879	1.977682114	10.57666619
2018-06-01T05:58:31+02:00	13.34023476	4.759728432	2.065748215	2.017468452	10.92982595
2018-06-01T06:08:31+02:00	13.34005547	4.761816025	2.049058914	1.994073868	10.61130319
2018-06-01T06:18:31+02:00	13.33482552	4.798322678	2.070069313	1.980812073	10.95874056
2018-06-01T06:28:31+02:00	13.33105564	4.802495956	2.112239838	1.976788521	11.98678795
2018-06-01T06:38:31+02:00	13.32907391	4.754216194	2.118945122	1.94132328	10.82358135
2018-06-01T06:48:31+02:00	13.3305788	4.745720863	2.115071297	1.90615654	10.90127927
2018-06-01T06:58:31+02:00	13.3299675	4.770755768	2.128630638	1.885592461	11.51706691
2018-06-01T07:08:31+02:00	13.32953548	4.760325432	2.119838715	1.815259933	10.94079877
2018-06-01T07:18:31+02:00	13.33138371	4.734397888	2.144724846	1.86190033	10.93854662
2018-06-01T07:28:31+02:00	13.33422947	4.698783875	2.089142799	1.868308067	11.09240858
2018-06-01T07:38:31+02:00	13.33618164	4.720986366	2.11387825	1.825541496	10.99048756
2018-06-01T07:48:31+02:00	13.33887863	4.721731186	2.110898018	1.831799507	10.75894697
2018-06-01T07:58:31+02:00	13.34014511	4.697143555	2.128630638	1.783668518	10.79995048
2018-06-01T08:08:31+02:00	13.34089088	4.685073853	2.125948906	1.743882179	13.03759972
2018-06-01T08:18:31+02:00	13.34466076	4.69893074	2.119243622	1.81347084	11.00929832
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2018-06-01T08:38:31+02:00	13.35240936	4.630684853	2.101212502	1.784860611	10.81116963
2018-06-01T08:48:31+02:00	13.35442066	4.653780937	2.107620239	1.766383171	11.44886111
2018-06-01T08:58:31+02:00	13.35737133	4.616677284	2.141296387	1.703351974	10.88283968
2018-06-01T09:08:31+02:00	13.35960579	4.657507896	2.148001671	1.705288887	11.42196908
2018-06-01T09:18:31+02:00	13.36231804	4.687606812	2.136230469	1.708269119	10.84273034
2018-06-01T09:28:31+02:00	13.36579037	4.579573631	2.110451698	1.705289841	10.83339712
2018-06-01T09:38:31+02:00	13.36815929	4.645734787	2.184510231	1.696795464	11.7039389
2018-06-01T09:48:31+02:00	13.37117004	4.618764877	2.183914185	1.716762543	11.01699955
2018-06-01T09:58:31+02:00	13.3748951	4.573314667	2.148300171	1.65909481	11.81344262
2018-06-01T10:08:31+02:00	13.37929058	4.653185844	2.253502846	1.792758942	10.91481169
2018-06-01T10:18:31+02:00	13.38453579	4.637091637	2.174674988	1.834630966	10.37764328
2018-06-01T10:28:31+02:00	13.39362526	4.537553787	2.004355431	1.754760742	8.435822714
2018-06-01T10:38:31+02:00	13.40569592	4.506408691	2.005994797	1.785160065	8.085914072
2018-06-01T10:48:31+02:00	13.42226601	4.545450211	2.031772614	1.74164772	8.162396464
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2018-06-01T11:08:31+02:00	13.45993614	4.504470825	2.04205513	1.725852013	8.050561164
2018-06-01T11:18:31+02:00	13.45890808	4.521757126	2.036392212	1.767873764	8.09778241
2018-06-01T11:28:31+02:00	13.46276665	4.515349388	2.047121048	1.722425461	8.261635123
2018-06-01T11:38:31+02:00	13.47462845	4.515647888	2.031177521	1.689195633	8.308069575
2018-06-01T11:48:31+02:00	13.48225784	4.515201569	2.054572105	1.660287857	8.27396933
2018-06-01T11:58:31+02:00	13.49394035	4.533976555	2.049207687	1.673399925	8.131670859
2018-06-01T12:08:31+02:00	13.49800873	4.492253304	2.00584507	1.680553436	8.637966379
2018-06-01T12:18:31+02:00	13.49976635	4.471689224	2.055316925	1.651943207	8.341640034
2018-06-01T12:28:31+02:00	13.49522209	4.462599754	2.027451515	1.666843414	8.047357431

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2018-06-01T12:48:31+02:00	13.4952364	4.47243309	2.115667343	1.617222786	8.316242821
2018-06-01T12:58:31+02:00	13.50349236	4.448592186	2.077371597	1.607983589	8.163235832
2018-06-01T13:08:31+02:00	13.50766373	4.391521454	2.020448685	1.602619171	8.164857901
2018-06-01T13:18:31+02:00	13.51240253	4.466772079	2.064108849	1.584887505	8.173312357
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2018-06-01T13:38:31+02:00	13.5044899	4.385412216	2.058297157	1.583695412	8.466007882
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2018-06-01T13:58:31+02:00	13.49619007	4.345773697	2.097040176	1.552552223	8.326840037
2018-06-01T14:08:31+02:00	13.51086807	4.39360714	2.06887722	1.559704781	8.464861453
2018-06-01T14:18:31+02:00	13.52366829	4.389732361	2.107024193	1.560747147	8.522983836
2018-06-01T14:28:31+02:00	13.52269936	4.39390564	2.11447525	1.544952393	9.355659121
2018-06-01T14:38:31+02:00	13.52007675	4.339962959	2.118050575	1.542568207	8.748956706
2018-06-01T14:48:31+02:00	13.51350594	4.381387711	2.17735672	1.526474953	8.685549564
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2018-06-01T15:08:31+02:00	13.51363945	4.370361328	2.145767212	1.517832756	8.69224248
2018-06-01T15:18:31+02:00	13.51095772	4.34681797	2.13235569	1.515746117	8.522678584
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2018-06-01T15:38:31+02:00	13.50849915	4.297792435	2.166032791	1.498610497	8.85013675
2018-06-01T15:48:31+02:00	13.50475883	4.351735115	2.20581913	1.486241341	8.740140813
2018-06-01T15:58:31+02:00	13.51067448	4.315822601	2.196580887	1.493841171	9.581516332
2018-06-01T16:08:31+02:00	13.51214981	4.323720932	2.206861496	1.483112335	9.120026825
2018-06-01T16:18:31+02:00	13.513237	4.329532623	2.215206146	1.481026649	9.093855445
2018-06-01T16:28:31+02:00	13.4973526	4.33743	2.184807777	1.485942841	9.005245253
2018-06-01T16:38:31+02:00	13.4822731	4.332512856	2.165734291	1.453608513	9.057481118
2018-06-01T16:48:31+02:00	13.48203468	4.352629662	2.202540398	1.457482338	9.45429764
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2018-06-01T17:18:31+02:00	13.48653412	4.395096779	2.157092094	1.409501076	9.564585629
2018-06-01T17:28:31+02:00	13.48268986	4.297792435	2.188980103	1.469105721	9.607613099
2018-06-01T17:38:31+02:00	13.4734211	4.335493088	2.213120461	1.438557625	9.51190055
2018-06-01T17:48:31+02:00	13.46360111	4.278571129	2.282411575	1.467913628	9.97414109
2018-06-01T17:58:31+02:00	13.4684	4.296005249	2.208948135	1.455246925	9.92626591
2018-06-01T18:08:31+02:00	13.46243954	4.257411003	2.237260818	1.46180439	10.10814637
2018-06-01T18:18:31+02:00	13.45463085	4.27469635	2.213567734	1.465230942	9.676406824
2018-06-01T18:28:31+02:00	13.44324684	4.322230339	2.256334305	1.454651833	9.96143327
2018-06-01T18:38:31+02:00	13.43847847	4.266500473	2.254694939	1.456588745	10.89706423
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2018-06-01T18:58:31+02:00	13.43095303	4.263073921	2.2695961	1.484751701	10.14060471
2018-06-01T19:08:31+02:00	13.42530537	4.262029648	2.244263649	1.438558578	9.9441941
2018-06-01T19:18:31+02:00	13.42055225	4.255622864	2.267956734	1.446307182	10.10238624
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2018-06-01T19:48:31+02:00	13.40088272	4.24683094	2.275705338	1.452713966	10.18330539
2018-06-01T19:58:31+02:00	13.39367008	4.259496689	2.262890816	1.435577393	10.13338274
2018-06-01T20:08:31+02:00	13.38933372	4.235208511	2.256185532	1.441836357	10.01468863
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2018-06-01T20:28:31+02:00	13.38189888	4.256071091	2.262293816	1.428873062	10.29856052
2018-06-01T20:38:31+02:00	13.37887383	4.196912766	2.266168594	1.416802406	10.56224364
2018-06-01T20:48:31+02:00	13.37647438	4.141927719	2.272873878	1.432598114	10.96869305

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2018-06-01T21:08:31+02:00	13.37064838	4.178881645	2.263784409	1.434236526	10.60522552
2018-06-01T21:18:31+02:00	13.3674736	4.167705536	2.282410622	1.424253464	10.7946972
2018-06-01T21:28:31+02:00	13.36370373	4.187672615	2.332180977	1.412034035	10.79694944
2018-06-01T21:38:31+02:00	13.35994911	4.159211159	2.304315567	1.435726166	11.17675063
2018-06-01T21:48:31+02:00	13.35601521	4.151761055	2.316385269	1.429021835	11.00277231
2018-06-01T21:58:31+02:00	13.35249805	4.381090164	2.29537487	1.436919212	11.15675579
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2018-06-01T22:28:31+02:00	13.34546471	4.20197773	2.317875862	1.398921013	11.59087909
2018-06-01T22:38:31+02:00	13.34354305	4.149972916	2.304761887	1.408904076	11.55231266
2018-06-01T22:48:31+02:00	13.34036922	4.174858093	2.289116859	1.402795792	11.45421842
2018-06-01T22:58:31+02:00	13.33905792	4.133134842	2.310872078	1.412182808	11.71701629
2018-06-01T23:08:31+02:00	13.33560085	4.113763809	2.30446434	1.408905029	11.46008017
2018-06-01T23:18:31+02:00	13.33396149	4.088729858	2.321303368	1.373588562	11.45473955
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2018-06-01T23:38:31+02:00	13.33162212	4.135965347	2.305953979	1.405030251	12.04474149
2018-06-01T23:48:31+02:00	13.32913303	4.104375839	2.304166794	1.393854141	11.7394141
2018-06-01T23:58:31+02:00	13.32870102	4.09513855	2.217144012	1.422614098	10.60805263
2018-06-02T00:08:31+02:00	13.32658577	4.039855003	2.234429359	1.427084923	10.11481125
2018-06-02T00:18:31+02:00	13.32543755	3.951489449	2.219528198	1.429170609	9.914346092
2018-06-02T00:28:31+02:00	13.32229424	3.996937752	2.240836143	1.447945595	10.08312425
2018-06-02T00:38:31+02:00	13.32186127	3.96609211	2.25082016	1.409948349	10.01476628
2018-06-02T00:48:31+02:00	13.31838989	3.977119446	2.265275002	1.414418221	10.04683129
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2018-06-02T01:08:31+02:00	13.31532001	3.978162766	2.269148827	1.390278816	10.51411333
2018-06-02T01:18:31+02:00	13.31455994	3.983229637	2.232491493	1.428723335	10.57466642
2018-06-02T01:28:31+02:00	13.31220531	3.944784164	2.235174179	1.396535873	10.77791815
2018-06-02T01:38:31+02:00	13.31070042	3.955961227	2.266168594	1.400411606	10.8445976
2018-06-02T01:48:31+02:00	13.30702019	4.001707077	2.281963348	1.396834373	10.76443025
2018-06-02T01:58:31+02:00	13.30569363	3.939270973	2.243965149	1.382380486	10.75065324
2018-06-02T02:08:31+02:00	13.30262375	3.907532692	2.301336288	1.384914398	11.47648545
2018-06-02T02:18:31+02:00	13.30189419	3.859400749	2.320110321	1.387000084	11.6862124
2018-06-02T02:28:31+02:00	13.29915237	3.86565876	2.333521843	1.386702538	11.41742146
2018-06-02T02:38:31+02:00	13.29758739	3.928543091	2.334713936	1.371949196	11.62842641
2018-06-02T02:48:31+02:00	13.29495049	3.918259621	2.335309982	1.355558395	11.41240909
2018-06-02T02:58:31+02:00	13.29521847	3.895610809	2.356171608	1.371055603	11.56261068
2018-06-02T03:08:31+02:00	13.29578495	3.891289711	2.344697952	1.360624313	10.87922106
2018-06-02T03:18:31+02:00	13.29541206	3.885329247	2.363472939	1.351088524	11.05786157
2018-06-02T03:28:31+02:00	13.29201508	3.862679482	2.380013466	1.354963303	11.59734028
2018-06-02T03:38:31+02:00	13.2899437	3.877281189	2.370030403	1.365095139	11.80122836
2018-06-02T03:48:31+02:00	13.28906441	3.836899757	2.357810974	1.348405838	11.62034731
2018-06-02T03:58:31+02:00	13.28778267	3.867595673	2.381055832	1.336782455	11.54683648
2018-06-02T04:08:31+02:00	13.28553295	3.880708694	2.379566193	1.346767426	11.63994006
2018-06-02T04:18:31+02:00	13.28472805	3.852844238	2.414881706	1.349449158	12.03566633
2018-06-02T04:28:31+02:00	13.2848177	3.854929924	2.418309212	1.334846497	12.25670287
2018-06-02T04:38:31+02:00	13.28685856	3.859699249	2.41383934	1.346468925	12.59312366
2018-06-02T04:48:31+02:00	13.28809547	3.831982613	2.412051201	1.346767426	12.08920499
2018-06-02T04:58:31+02:00	13.28961563	3.807544708	2.401023865	1.323074341	12.07095991
2018-06-02T05:08:31+02:00	13.28971958	3.823190689	2.408177376	1.32694912	12.23422042

2018-06-02T05:18:31+02:00	13.28723145	3.825574875	2.417713165	1.330524445	12.770459
2018-06-02T05:28:31+02:00	13.28265667	3.8297472	2.446920395	1.31651783	12.70888339
2018-06-02T05:38:31+02:00	13.27928925	3.829152107	2.436786652	1.323371887	13.00553252
2018-06-02T05:48:31+02:00	13.27843952	3.816932678	2.438724518	1.324415207	12.95260969
2018-06-02T05:58:31+02:00	13.27814198	3.800243378	2.430678368	1.30668354	13.38047492
2018-06-02T06:08:31+02:00	13.27951241	3.780127525	2.474336624	1.29848671	13.99597868
2018-06-02T06:18:31+02:00	13.2802124	3.733486176	2.489089966	1.295804977	14.02528567
2018-06-02T06:28:31+02:00	13.28109169	3.797560692	2.458245277	1.319795609	13.8859255
2018-06-02T06:38:31+02:00	13.28165817	3.771037102	2.486408234	1.302957535	14.32596726
2018-06-02T06:48:31+02:00	13.28274632	3.751217842	2.47672081	1.302659035	14.38497297
2018-06-02T06:58:31+02:00	13.28355026	3.747790337	2.494901657	1.280755043	14.79655728
2018-06-02T07:08:31+02:00	13.28314877	3.760904312	2.476275444	1.26883316	15.15891295
2018-06-02T07:18:31+02:00	13.28270149	3.761797905	2.502351761	1.267343521	15.29252339
2018-06-02T07:28:31+02:00	13.28206062	3.705918312	2.47970295	1.259595871	15.21848955
2018-06-02T07:38:31+02:00	13.28377438	3.718286514	2.488941193	1.27017498	15.46850034
2018-06-02T07:48:31+02:00	13.28375912	3.751217842	2.529918671	1.323371887	15.6018635
2018-06-02T07:58:31+02:00	13.28550243	3.750473022	2.520084381	1.281350136	15.79033265
2018-06-02T08:08:31+02:00	13.28828907	3.752707481	2.503246307	1.265256882	15.80935268
2018-06-02T08:18:31+02:00	13.29208946	3.765522957	2.484173775	1.250654221	15.62060541
2018-06-02T08:28:31+02:00	13.29910755	3.710091591	2.510250092	1.280755043	15.79776834
2018-06-02T08:38:31+02:00	13.3066473	3.752857208	2.50652504	1.253484726	15.91774314
2018-06-02T08:48:31+02:00	13.3175106	3.700703621	2.546162605	1.277327538	16.10200279
2018-06-02T08:58:31+02:00	13.33579445	3.819465637	2.529174805	1.265109062	16.15658614
2018-06-02T09:08:31+02:00	13.34604645	3.686993599	2.526789665	1.256168365	16.08211619
2018-06-02T09:18:31+02:00	13.36190128	3.713071823	2.527683258	1.229793549	16.31156452
2018-06-02T09:28:31+02:00	13.37596798	3.667324066	2.527980804	1.245737076	16.27742485
2018-06-02T09:38:31+02:00	13.384655	3.678202629	2.535881042	1.24260807	16.34062161
2018-06-02T09:48:31+02:00	13.38948345	3.657489777	2.461522102	1.214146614	15.22893144
2018-06-02T09:58:31+02:00	13.37932014	3.680736542	2.497434616	1.229494095	20.00585999
2018-06-02T10:08:31+02:00	13.38802242	3.65763855	2.519636154	1.260489464	16.45579022
2018-06-02T10:18:31+02:00	13.40919685	3.6124897	2.530665398	1.231134415	16.55472501
2018-06-02T10:28:31+02:00	13.42441177	3.625602722	2.516210556	1.230836868	16.31721577
2018-06-02T10:38:31+02:00	13.43399239	3.611742973	2.514720917	1.187771797	17.04426332
2018-06-02T10:48:31+02:00	13.44026661	3.591776848	2.511888504	1.266896248	16.78250825
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2018-06-02T11:18:31+02:00	13.43798637	3.626644135	2.505928993	1.185090065	16.46614176
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2018-06-02T11:38:31+02:00	13.41430855	3.636180878	2.533941269	1.202075958	17.51580724
2018-06-02T11:48:31+02:00	13.41463661	3.557206154	2.550483704	1.196116447	17.37016628
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2018-06-02T12:08:31+02:00	13.43365002	3.590882301	2.536028862	1.177340508	17.46274521
2018-06-02T12:18:31+02:00	13.44078827	3.569274902	2.555549622	1.185983658	17.36622144
2018-06-02T12:28:31+02:00	13.43968487	3.561526299	2.545267105	1.199841499	17.68612059
2018-06-02T12:38:31+02:00	13.44464684	3.558397293	2.486110687	1.154393196	15.75394919
2018-06-02T12:48:31+02:00	13.45258904	3.633052826	2.493708611	1.205652237	15.68161662
2018-06-02T12:58:31+02:00	13.44242668	3.619044304	2.473890305	1.155138016	15.95287206
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2018-06-02T13:18:31+02:00	13.46495724	3.580897331	2.498776436	1.172720909	15.7872368
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2018-06-02T13:58:31+02:00	13.47105217	3.640652657	2.523363113	1.175850868	16.27625557
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2018-06-02T14:18:31+02:00	13.46775913	3.663898468	2.550035477	1.150667191	16.31569719
2018-06-02T14:28:31+02:00	13.46905518	3.64825058	2.546012878	1.15349865	16.41715837
2018-06-02T14:38:31+02:00	13.47078419	3.656298637	2.550185204	1.126081467	17.35503487
2018-06-02T14:48:31+02:00	13.47281075	3.640652657	2.545714378	1.132637024	17.13007219
2018-06-02T14:58:31+02:00	13.47661018	3.66553688	2.567620277	1.139491081	18.03210641
2018-06-02T15:08:31+02:00	13.47842789	3.677457809	2.543927193	1.119971275	18.34684582
2018-06-02T15:18:31+02:00	13.48091698	3.666579247	2.559274673	1.09910965	18.17195157
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2018-06-02T15:38:31+02:00	13.46926403	3.650485992	2.552718163	1.119821548	18.56581268
2018-06-02T15:48:31+02:00	13.46017456	3.681035042	2.562254906	1.121014595	18.84581916
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2018-06-02T16:08:31+02:00	13.44370842	3.648698807	2.549141884	1.086891174	18.36726544
2018-06-02T16:18:31+02:00	13.44963932	3.681629181	2.551228523	1.092553139	18.2242611
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2018-06-02T17:08:31+02:00	13.45525646	3.67432785	2.505779266	1.038164139	18.74446466
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2018-06-02T17:38:31+02:00	13.45413971	3.607870102	2.525597572	1.035183907	19.43346203
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2018-06-02T18:28:31+02:00	13.42618465	3.608316422	2.527236938	1.059621811	19.49054632
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2018-06-02T18:48:31+02:00	13.41414452	3.578215599	2.516359329	1.035481453	19.83685759
2018-06-02T18:58:31+02:00	13.41538143	3.557800293	2.515762329	1.027136803	20.9473772
2018-06-02T19:08:31+02:00	13.41067219	3.58447361	2.499818802	1.032501221	20.14236427
2018-06-02T19:18:31+02:00	13.40839291	3.551095963	2.494604111	1.064390182	19.77415601
2018-06-02T19:28:31+02:00	13.40202999	3.560780525	2.512634277	1.048148155	19.74023996
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2018-06-02T20:18:31+02:00	13.37887383	3.490895271	2.51486969	0.985563278	20.23494325
2018-06-02T20:28:31+02:00	13.37689209	3.515779495	2.524405479	0.996142387	20.02759304
2018-06-02T20:38:31+02:00	13.37444782	3.4861269	2.509503365	0.985116005	20.46998002
2018-06-02T20:48:31+02:00	13.37131882	3.520846367	2.494752884	0.951438904	20.63922962
2018-06-02T20:58:31+02:00	13.3682642	3.502220154	2.476125717	0.986754417	20.64990884
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2018-06-02T21:18:31+02:00	13.36267567	3.464222908	2.486557007	0.994951248	20.78224765
2018-06-02T21:28:31+02:00	13.36029148	3.488511086	2.487154007	0.986009598	21.21996514
2018-06-02T21:38:31+02:00	13.35808659	3.491044044	2.482383728	0.975728035	21.34727091
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2018-06-02T22:28:31+02:00	13.34089088	3.38643837	2.496541977	0.931322098	21.68028804
2018-06-02T22:38:31+02:00	13.33941555	3.402233124	2.491921425	0.944883347	21.88326626
2018-06-02T22:48:31+02:00	13.33448315	3.383458138	2.499223709	0.96946907	21.75157351
2018-06-02T22:58:31+02:00	13.32984829	3.399402618	2.504437447	0.973195076	21.77222295
2018-06-02T23:08:31+02:00	13.32737541	3.405958176	2.49475193	0.940859795	22.35903958
2018-06-02T23:18:31+02:00	13.32445431	3.369749069	2.523511887	0.916719437	22.08122988
2018-06-02T23:28:31+02:00	13.32290459	3.381073952	2.532897949	0.922679901	22.67468949
2018-06-02T23:38:31+02:00	13.32008839	3.4311409	2.522021294	0.948309898	22.35287807
2018-06-02T23:48:31+02:00	13.31730175	3.353804588	2.483874321	0.946819305	22.78525056
2018-06-02T23:58:31+02:00	13.31433678	3.632902145	2.484024048	0.949054718	22.68882904
2018-06-03T00:08:31+02:00	13.31081963	3.58402729	2.492218971	0.918806076	22.83334625
2018-06-03T00:18:31+02:00	13.30818272	3.562717438	2.49445343	0.919252396	22.99741895
2018-06-03T00:28:31+02:00	13.30722904	3.561824799	2.491325378	0.928640366	23.00638223
2018-06-03T00:38:31+02:00	13.30603695	3.551243782	2.457350731	0.931174278	22.89102224
2018-06-03T00:48:31+02:00	13.30456161	3.513395309	2.447962761	0.920295715	23.77470558
2018-06-03T00:58:31+02:00	13.30238533	3.492235184	2.490133286	0.923574448	23.0728568
2018-06-03T01:08:31+02:00	13.30018044	3.478229523	2.491026878	0.891387939	23.30464313
2018-06-03T01:18:31+02:00	13.29903316	3.472866058	2.474932671	0.916273117	23.48120063
2018-06-03T01:28:31+02:00	13.29706573	3.481804848	2.466739655	0.920445442	23.32996852
2018-06-03T01:38:31+02:00	13.29574013	3.499686241	2.467781067	0.904202461	24.02758667
2018-06-03T01:48:31+02:00	13.29477119	3.513098717	2.467037201	0.911205292	23.87391463
2018-06-03T01:58:31+02:00	13.29290867	3.468245506	2.458841324	0.947266579	23.75790311
2018-06-03T02:08:31+02:00	13.29185104	3.44052887	2.484767914	0.914484978	24.01271176
2018-06-03T02:18:31+02:00	13.29128456	3.411024094	2.471059799	0.903904915	23.90253608
2018-06-03T02:28:31+02:00	13.29039001	3.427714348	2.440958023	0.898540497	22.44661463
2018-06-03T02:38:31+02:00	13.28991318	3.388971329	2.445280075	0.908226013	22.67228789
2018-06-03T02:48:31+02:00	13.29094124	3.386885643	2.413689613	0.889897346	22.82741857
2018-06-03T02:58:31+02:00	13.29217815	3.343521118	2.429485321	0.892430305	23.94997702
2018-06-03T03:08:31+02:00	13.29454803	3.368556976	2.405197144	0.917464256	22.80628383
2018-06-03T03:18:31+02:00	13.2948904	3.588199615	2.402216911	0.938028336	22.94332094
2018-06-03T03:28:31+02:00	13.29503918	3.461836815	2.443790436	0.931471825	23.36846287
2018-06-03T03:38:31+02:00	13.29511452	3.428458214	2.407432556	0.933558464	23.16781104
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2018-06-03T03:58:31+02:00	13.29424953	3.519355774	2.438426971	0.929236412	23.56832248
2018-06-03T04:08:31+02:00	13.29268551	3.504455566	2.406240463	0.915527344	23.57015774
2018-06-03T04:18:31+02:00	13.29077816	3.48404026	2.407878876	0.974684715	22.63223623
2018-06-03T04:28:31+02:00	13.28732109	3.486424446	2.40415287	0.951140404	22.38462744
2018-06-03T04:38:31+02:00	13.28468323	4.009305954	2.32159996	0.946819305	19.2026771
2018-06-03T04:48:31+02:00	13.28311825	3.973394394	2.311020851	0.940710068	19.12793493
2018-06-03T04:58:31+02:00	13.28344631	3.976373672	2.291351318	0.91686821	19.26300948
2018-06-03T05:08:31+02:00	13.28575611	3.997385025	2.288222313	0.945925713	19.57603218
2018-06-03T05:18:31+02:00	13.28891563	3.961771011	2.299099922	0.931918144	19.54091084
2018-06-03T05:28:31+02:00	13.29131413	3.876834869	2.316683769	0.942499161	19.55917569
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2018-06-03T05:58:31+02:00	13.29493523	3.823787689	2.284347534	0.918953896	20.10412964
2018-06-03T06:08:31+02:00	13.2942791	3.803818703	2.272873878	0.891834259	20.37078959

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2018-06-03T06:58:31+02:00	13.28815556	3.675519943	2.283602715	0.928342819	21.06936373
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2018-06-03T07:18:31+02:00	13.29708099	3.771483421	2.183765411	0.904947281	20.48318688
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2018-06-03T07:38:31+02:00	13.30722904	3.894269943	2.175868034	0.904947281	20.41219745
2018-06-03T07:48:31+02:00	13.31092453	3.866552353	2.162009239	0.903756142	20.65870445
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2018-06-03T08:08:31+02:00	13.31795788	3.947020531	2.092570305	0.929534912	19.68068358
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2018-06-03T08:38:31+02:00	13.33141327	3.820209503	2.067237854	0.895410538	20.16023694
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2018-06-03T08:58:31+02:00	13.34661293	3.725587845	2.075582504	0.871569633	20.32993297
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2018-06-03T09:18:31+02:00	13.3646574	3.667175293	2.070070267	0.882595062	20.87613972
2018-06-03T09:28:31+02:00	13.37081146	5.049855232	2.039223671	0.955908775	45.71262057
2018-06-03T09:38:31+02:00	13.37304688	14.51760483	1.72630024	1.182704926	9.504903286
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2018-06-03T09:58:31+02:00	13.37780094	5.373358727	1.759082794	1.238584518	3.747785996
2018-06-03T10:08:31+02:00	13.38185406	5.487650871	2.210438728	1.264810562	12.7177587
2018-06-03T10:18:31+02:00	13.38537025	5.485713959	1.643300056	1.214146614	2.769501063
2018-06-03T10:28:31+02:00	13.38662243	5.487053871	1.619606972	1.221150398	2.88936075
2018-06-03T10:38:31+02:00	13.39592075	5.484819412	1.614242554	1.254081726	2.776024144
2018-06-03T10:48:31+02:00	13.41032982	5.704313278	1.67027092	1.221895218	3.449176926
2018-06-03T10:58:31+02:00	13.42436695	5.521775246	1.659690857	1.224129677	3.186464263
2018-06-03T11:08:31+02:00	13.44384289	5.506128311	1.666993141	1.212955475	2.894369823
2018-06-03T11:18:31+02:00	13.46524048	5.471855164	1.700819016	1.26078701	3.36800754
2018-06-03T11:28:31+02:00	13.4747324	5.488098145	1.728237152	1.211463928	3.570343074
2018-06-03T11:38:31+02:00	13.47587967	5.489141464	1.759380341	1.19701004	4.043978483
2018-06-03T11:48:31+02:00	13.46825027	5.446673393	1.760572433	1.186729431	3.815653732
2018-06-03T11:58:31+02:00	13.46661186	5.353242874	1.784860611	1.230687141	4.159789127
2018-06-03T12:08:31+02:00	13.46903992	5.312114716	1.810937881	1.220106125	4.156792125
2018-06-03T12:18:31+02:00	13.4816618	5.365312576	1.833438873	1.195221901	4.150743161
2018-06-03T12:28:31+02:00	13.49297142	5.295276642	1.891106606	1.214742661	4.317674892
2018-06-03T12:38:31+02:00	13.49978161	5.26338768	1.883804321	1.200735092	4.388030271
2018-06-03T12:48:31+02:00	13.51326752	5.178749084	1.906454086	1.187175751	6.080771429
2018-06-03T12:58:31+02:00	13.52652931	5.232244492	1.907497406	1.208782196	4.926593085
2018-06-03T13:08:31+02:00	13.53639412	5.191415787	1.911223412	1.208334923	5.54362787
2018-06-03T13:18:31+02:00	13.53962708	5.20929718	1.940876007	1.202375412	5.451872295
2018-06-03T13:28:31+02:00	13.53220654	5.237758636	1.937002182	1.189857483	5.943324802
2018-06-03T13:38:31+02:00	13.52524757	5.158037186	1.97902298	1.208334923	5.779169333
2018-06-03T13:48:31+02:00	13.52293777	5.195289612	1.897960663	1.182854652	5.874039924
2018-06-03T13:58:31+02:00	13.52201366	5.166679382	1.887827873	1.200437546	6.108461231
2018-06-03T14:08:31+02:00	13.52044964	5.104393005	1.927465439	1.199245453	5.30187873
2018-06-03T14:18:31+02:00	13.51608372	5.123912811	1.854150772	1.182853699	5.69767847
2018-06-03T14:28:31+02:00	13.50814056	5.159824371	1.875162125	1.212954521	5.564789593

2018-06-03T14:38:31+02:00	13.50447559	5.087851524	1.882761955	1.203417778	5.498594087
2018-06-03T14:48:31+02:00	13.50091362	5.092918396	1.903027534	1.192837715	5.501802026
2018-06-03T14:58:31+02:00	13.4973526	5.147755623	1.921653748	1.158714294	5.427818185
2018-06-03T15:08:31+02:00	13.49575806	5.125701904	1.918227196	1.18821907	5.611365824
2018-06-03T15:18:31+02:00	13.49703979	5.097091675	1.868456841	1.197158813	4.767210146
2018-06-03T15:28:31+02:00	13.49943924	5.119740486	1.883805275	1.171380997	5.129171287
2018-06-03T15:38:31+02:00	13.49842548	5.052238464	1.858771324	1.178235054	5.238882504
2018-06-03T15:48:31+02:00	13.49659252	5.003661156	1.832098007	1.150965691	5.035336664
2018-06-03T15:58:31+02:00	13.49614525	4.993677139	1.843421936	1.205504417	5.677616905
2018-06-03T16:08:31+02:00	13.49419403	4.987716675	1.863390923	1.181214333	5.226482405
2018-06-03T16:18:31+02:00	13.48738384	5.011112213	1.867413521	1.177490234	5.206960001
2018-06-03T16:28:31+02:00	13.48754787	4.973859787	1.868606567	1.145303726	5.079583639
2018-06-03T16:38:31+02:00	13.48192978	4.977882385	1.887680054	1.158565521	5.365385221
2018-06-03T16:48:31+02:00	13.47790623	4.918128967	1.88067627	1.163631439	5.20812739
2018-06-03T16:58:31+02:00	13.47458363	4.909784317	1.854001999	1.174658775	5.392883079
2018-06-03T17:08:31+02:00	13.4711113	4.940479279	1.867562294	1.172125816	5.513352006
2018-06-03T17:18:31+02:00	13.46685028	4.885791779	1.8879776	1.139789581	5.7123562
2018-06-03T17:28:31+02:00	13.45951843	4.850030899	1.875609398	1.117438316	5.682453435
2018-06-03T17:38:31+02:00	13.4519186	4.812628746	1.916288376	1.1621418	6.111091341
2018-06-03T17:48:31+02:00	13.44475174	4.802942276	1.897514343	1.160502434	5.67814591
2018-06-03T17:58:31+02:00	13.43758392	4.957765579	1.913756371	1.126826286	5.85848054
2018-06-03T18:08:31+02:00	13.43242836	4.874915123	1.88842392	1.139492035	5.920423867
2018-06-03T18:18:31+02:00	13.43154907	4.839898109	1.909732819	1.191348076	6.484185821
2018-06-03T18:28:31+02:00	13.4277935	4.764795303	1.85951519	1.174062729	6.690271572
2018-06-03T18:38:31+02:00	13.42846489	4.707426071	1.904964447	1.140535355	6.671371239
2018-06-03T18:48:31+02:00	13.42737675	4.760175705	1.867264748	1.180768013	6.727257616
2018-06-03T18:58:31+02:00	13.42399406	4.7029562	1.908390999	1.169591904	6.766832717
2018-06-03T19:08:31+02:00	13.41988182	4.665254593	1.873225212	1.152903557	7.090660188
2018-06-03T19:18:31+02:00	13.4180336	4.704743385	1.886338234	1.139640808	7.311455497
2018-06-03T19:28:31+02:00	13.41559029	4.595965385	1.929253578	1.11609745	7.345262922
2018-06-03T19:38:31+02:00	13.41249084	4.681497574	1.944602013	1.138001442	7.353407141
2018-06-03T19:48:31+02:00	13.40624714	4.626511574	1.963674545	1.142173767	7.223045187
2018-06-03T19:58:31+02:00	13.4023428	4.654229164	1.96054554	1.146942139	7.355690686
2018-06-03T20:08:31+02:00	13.39861774	4.605054855	1.950263977	1.140832901	7.084711152
2018-06-03T20:18:31+02:00	13.39323807	4.598647118	1.978279114	1.14366436	7.446658329
2018-06-03T20:28:31+02:00	13.38844013	4.57540226	1.98870945	1.148730278	7.863267849
2018-06-03T20:38:31+02:00	13.38525105	4.583299637	2.018809319	1.147538185	7.76340904
2018-06-03T20:48:31+02:00	13.37993145	4.565865517	2.019554138	1.123696327	7.742237564
2018-06-03T20:58:31+02:00	13.37581825	4.608482361	2.037882805	1.122355461	7.653909933
2018-06-03T21:08:31+02:00	13.3721981	4.648566246	2.048760414	1.150072098	8.303621316
2018-06-03T21:18:31+02:00	13.36810017	4.926175117	2.046973228	1.131593704	8.048730734
2018-06-03T21:28:31+02:00	13.36407661	4.72888279	2.062767029	1.119225502	7.98913995
2018-06-03T21:38:31+02:00	13.36225891	4.633069992	2.010018349	1.147985458	8.223322148
2018-06-03T21:48:31+02:00	13.36126041	4.611761093	2.015084267	1.127868652	8.25291118
2018-06-03T21:58:31+02:00	13.36181164	4.61131382	2.035498619	1.077651978	8.407666096
2018-06-03T22:08:31+02:00	13.36194611	4.581212997	2.036988258	1.108795166	8.377945647
2018-06-03T22:18:31+02:00	13.36045551	4.606842995	2.031326294	1.098960876	8.531966433
2018-06-03T22:28:31+02:00	13.35845852	4.688650131	2.040863037	1.121908188	8.584560411
2018-06-03T22:38:31+02:00	13.35611916	4.670023918	2.083182335	1.115947723	9.171421214
2018-06-03T22:48:31+02:00	13.35331821	4.699975967	2.082586288	1.098363876	9.02381002

2018-06-03T22:58:31+02:00	13.35100842	4.697888374	2.072453499	1.080036163	9.647195703
2018-06-03T23:08:31+02:00	13.34984589	4.673152924	2.074092865	1.106559753	9.130940878
2018-06-03T23:18:31+02:00	13.3476553	4.730522156	2.037137985	1.105516434	8.473669115
2018-06-03T23:28:31+02:00	13.3438406	4.687458992	2.048611641	1.088380814	8.29306211
2018-06-03T23:38:31+02:00	13.33975792	4.632325172	2.039819717	1.092403412	8.466102765
2018-06-03T23:48:31+02:00	13.3358984	4.722029686	2.091675758	1.102388382	8.433110506
2018-06-03T23:58:31+02:00	13.33251572	4.717260361	2.049952507	1.07988739	8.640967265
2018-06-04T00:08:31+02:00	13.32920837	4.686415672	2.064257622	1.081973076	8.961073194
2018-06-04T00:18:31+02:00	13.32828426	4.725754738	1.972764015	1.096575737	8.690445157
2018-06-04T00:28:31+02:00	13.32682419	4.675239563	1.167207718	1.092105865	7.057589527
2018-06-04T00:38:31+02:00	13.32630253	4.664360046	1.164972305	1.087188721	7.051811568
2018-06-04T00:48:31+02:00	13.32560158	4.648864746	1.177787781	1.085549355	8.318705595
2018-06-04T00:58:31+02:00	13.32531834	4.668682098	1.204908371	1.054704666	7.310350933
2018-06-04T01:08:31+02:00	13.32516956	4.653930664	1.202672958	1.105219841	7.205682682
2018-06-04T01:18:31+02:00	13.32581043	4.612207413	1.19879818	1.05202198	7.285317383
2018-06-04T01:28:31+02:00	13.3261385	4.671961784	1.236646652	1.086145401	7.36177959
2018-06-04T01:38:31+02:00	13.32688332	4.604459763	1.213848114	1.110583305	7.457717839
2018-06-04T01:48:31+02:00	13.32679367	4.573910713	1.20773983	1.059621811	8.232426362
2018-06-04T01:58:31+02:00	13.32558727	4.609524727	1.915693283	1.073182106	8.316242821
2018-06-04T02:08:31+02:00	13.32469273	4.615486145	1.953244209	1.083612442	8.356728273
2018-06-04T02:18:31+02:00	13.32394791	4.590005875	1.9420681	1.073330879	8.315497834
2018-06-04T02:28:31+02:00	13.32303905	4.592090607	1.97097683	1.077353477	8.438267928
2018-06-04T02:38:31+02:00	13.32177258	4.58210659	1.995265007	1.087039948	8.55776419
2018-06-04T02:48:31+02:00	13.32142925	4.553497314	1.93372345	1.073032379	8.418878926
2018-06-04T02:58:31+02:00	13.31991005	4.791469574	2.004504204	1.074373245	8.906805348
2018-06-04T03:08:31+02:00	13.31999874	4.829019547	2.000183105	1.040101051	9.049977425
2018-06-04T03:18:31+02:00	13.31940269	4.906059265	1.971572876	1.06215477	9.284887033
2018-06-04T03:28:31+02:00	13.32022285	4.925130844	1.970529556	1.07884407	9.260480928
2018-06-04T03:38:31+02:00	13.320714	5.05462265	2.021938324	1.075416565	9.38323476
2018-06-04T03:48:31+02:00	13.32227898	5.056857109	1.999437332	1.05381012	9.228378466
2018-06-04T03:58:31+02:00	13.32357502	5.029291153	2.010166168	1.063942909	9.251823905
2018-06-04T04:08:31+02:00	13.32394791	5.021543503	2.012849808	1.026540756	9.501222642
2018-06-04T04:18:31+02:00	13.32330704	5.066990852	2.051591873	1.051425934	9.257033586
2018-06-04T04:28:31+02:00	13.32165337	5.136429787	2.045184135	1.065879822	9.498691365
2018-06-04T04:38:31+02:00	13.32046127	5.131066322	2.021193504	1.070648193	10.34237596
2018-06-04T04:48:31+02:00	13.31873226	5.105436325	2.013147354	1.03324604	9.866978627
2018-06-04T04:58:31+02:00	13.31830025	5.123317719	2.029240608	1.01745224	9.759141443
2018-06-04T05:08:31+02:00	13.31655693	5.321501732	2.010464668	1.039057732	8.915969979
2018-06-04T05:18:31+02:00	13.31597519	5.041807175	1.997797966	1.025647163	9.150415176
2018-06-04T05:28:31+02:00	13.31455994	4.994273186	2.018809319	1.03324604	9.211371396
2018-06-04T05:38:31+02:00	13.31098366	4.952548981	2.03341198	1.036077499	9.611929218
2018-06-04T05:48:31+02:00	13.3074522	4.946439743	2.03236866	1.018344879	9.418534121
2018-06-04T05:58:31+02:00	13.30427837	4.991888046	2.037286758	1.027882576	15.42735531
2018-06-04T06:08:31+02:00	13.30202866	5.023181915	2.072303772	1.011490822	9.257684802
2018-06-04T06:18:31+02:00	13.30174541	5.006789207	2.062023163	1.022070885	9.356866799
2018-06-04T06:28:31+02:00	13.30077648	4.868060112	2.061128616	1.00851059	9.649459086
2018-06-04T06:38:31+02:00	13.30113411	4.921554565	2.038031578	1.040994644	9.327820035
2018-06-04T06:48:31+02:00	13.30217743	4.906505585	2.058298111	0.99733448	9.246995808
2018-06-04T06:58:31+02:00	13.30488968	4.876702309	2.052783966	1.042931557	9.091460743
2018-06-04T07:08:31+02:00	13.30856991	4.90114212	2.143234253	1.018643379	9.187488725

2018-06-04T07:18:31+02:00	13.31086445	4.829019547	2.103894234	1.033395767	9.243586861
2018-06-04T07:28:31+02:00	13.31382942	4.809202194	2.116710663	1.019984245	9.650398812
2018-06-04T07:38:31+02:00	13.32056522	4.88415432	2.122074127	1.009404182	9.91204355
2018-06-04T07:48:31+02:00	13.32113171	4.940481186	2.112388611	1.034141541	9.905076072
2018-06-04T07:58:31+02:00	13.32271099	5.028547287	2.13295269	1.008659363	10.17698537
2018-06-04T08:08:31+02:00	13.32597446	5.099923134	1.983045578	1.029223442	9.375607488
2018-06-04T08:18:31+02:00	13.32759857	5.203187943	2.031177521	1.003742218	9.827984605
2018-06-04T08:28:31+02:00	13.33002758	5.173683167	1.991092682	1.040845871	9.261382245
2018-06-04T08:38:31+02:00	13.33251572	5.145519257	2.035201073	1.023859024	9.313718958
2018-06-04T08:48:31+02:00	13.33364868	5.185454369	2.013444901	1.016557693	9.420794921
2018-06-04T08:58:31+02:00	13.33577919	5.143583298	2.032816887	0.996440887	9.253144951
2018-06-04T09:08:31+02:00	13.33715057	5.283950806	2.001672745	0.9980793	9.414146018
2018-06-04T09:18:31+02:00	13.33728409	5.155800819	2.038478851	0.994652748	9.537110219
2018-06-04T09:28:31+02:00	13.3382082	5.138368607	2.020001411	1.038312912	9.589415534
2018-06-04T09:38:31+02:00	13.33859539	5.183667183	2.007931709	1.025348663	9.655250669
2018-06-04T09:48:31+02:00	13.33814812	5.154759407	2.00554657	1.003146172	9.558967455
2018-06-04T09:58:31+02:00	13.34063721	5.243867874	2.067387581	0.983476639	9.679877334
2018-06-04T10:08:31+02:00	13.34753609	5.205272675	2.083778381	1.025348663	9.762537191
2018-06-04T10:18:31+02:00	13.35704327	5.122423172	2.043247223	1.004189491	9.644797811
2018-06-04T10:28:31+02:00	13.3710947	5.091726303	2.046078682	1.009702682	9.887073332
2018-06-04T10:38:31+02:00	13.39165878	5.09113121	2.046823502	0.976324081	9.961182637
2018-06-04T10:48:31+02:00	13.41615582	5.076826096	2.053827286	1.03428936	10.0126921
2018-06-04T10:58:31+02:00	13.43461895	5.044043541	2.05069828	1.018196106	9.88856992
2018-06-04T11:08:31+02:00	13.43758392	5.064457893	2.099721909	1.013427734	8.835541299
2018-06-04T11:18:31+02:00	13.44144344	5.070566177	2.059936523	0.983923912	8.90996273
2018-06-04T11:28:31+02:00	13.44487095	5.099029541	2.062022209	0.992714882	8.891422516
2018-06-04T11:38:31+02:00	13.44543648	5.065202713	2.043545723	0.994056702	8.640413283
2018-06-04T11:48:31+02:00	13.44752312	5.09023571	2.075284958	0.996142387	8.600844438
2018-06-04T11:58:31+02:00	13.45026493	5.089343071	2.066046715	0.965744972	8.816777457
2018-06-04T12:08:31+02:00	13.47400284	5.068481445	2.081543922	1.012980461	8.869382627
2018-06-04T12:18:31+02:00	13.5066061	5.051494598	2.072454453	0.992714882	9.318412707
2018-06-04T12:28:31+02:00	13.52322102	5.055368423	2.056360245	1.019090652	9.089087626
2018-06-04T12:38:31+02:00	13.52021122	5.04523468	2.019405365	0.995547295	9.346750308
2018-06-04T12:48:31+02:00	13.49911118	5.047917366	2.041607857	1.002997398	10.04362436
2018-06-04T12:58:31+02:00	13.48660851	5.021541595	2.011656761	1.003147125	9.391570614
2018-06-04T13:08:31+02:00	13.49464035	4.779846191	2.098529816	1.011639595	10.09912077
2018-06-04T13:18:31+02:00	13.48084259	4.799365997	2.111643791	0.976622581	10.32390731
2018-06-04T13:28:31+02:00	13.4567318	4.816800117	2.118200302	0.980347633	10.20009347
2018-06-04T13:38:31+02:00	13.45346832	4.808157921	2.09718895	0.932067871	10.83027954
2018-06-04T13:48:31+02:00	13.46570206	4.936009407	2.126396179	0.95352459	10.60372483
2018-06-04T13:58:31+02:00	13.45737267	5.150436401	2.083331108	0.956058502	10.29583133
2018-06-04T14:08:31+02:00	13.4459734	5.211681366	2.100169182	0.931770325	9.583932411
2018-06-04T14:18:31+02:00	13.44268036	5.229711533	2.112835884	0.929832458	9.73947685
2018-06-04T14:28:31+02:00	13.44169712	5.253850937	2.129673958	0.91686821	9.844084916
2018-06-04T14:38:31+02:00	13.4449749	5.229413033	2.145915985	0.929237366	9.922868488
2018-06-04T14:48:31+02:00	13.4516058	5.222558022	2.137721062	0.931323051	9.820231936
2018-06-04T14:58:31+02:00	13.46369076	5.765258789	2.130867004	0.926404953	10.79998989
2018-06-04T15:08:31+02:00	13.46881676	5.351156235	2.151727676	0.857413292	8.123503921
2018-06-04T15:18:31+02:00	13.46588135	5.210189819	2.140850067	0.945478439	8.559331737
2018-06-04T15:28:31+02:00	13.46768475	5.193651199	2.173185349	0.929533958	8.464000656

2018-06-04T15:38:31+02:00	13.46896553	5.025713921	1.917778969	0.903308868	7.536230681
2018-06-04T15:48:31+02:00	13.47185707	5.149095535	1.821965218	0.875442505	4.459071868
2018-06-04T15:58:31+02:00	13.46600056	5.145071983	1.810193062	0.851304054	4.490016912
2018-06-04T16:08:31+02:00	13.46607494	5.167424202	1.8326931	0.857263565	4.402659347
2018-06-04T16:18:31+02:00	13.46340752	5.071461678	1.821220398	0.845938683	4.685684104
2018-06-04T16:28:31+02:00	13.46656704	5.106478691	1.856088638	0.87991333	4.981502606
2018-06-04T16:38:31+02:00	13.46685028	5.085914612	1.880377769	0.898093224	5.460929815
2018-06-04T16:48:31+02:00	13.46756554	5.034059525	1.845062256	0.869334221	5.477893499
2018-06-04T16:58:31+02:00	13.46018887	5.386768341	1.926422119	0.868142128	5.001134258
2018-06-04T17:08:31+02:00	13.45860958	5.390197754	1.913905144	0.850855827	5.044543021
2018-06-04T17:18:31+02:00	13.46047211	5.387366295	1.927465439	0.86143589	5.137176788
2018-06-04T17:28:31+02:00	13.45738792	5.390345573	1.92388916	0.850260735	5.076288295
2018-06-04T17:38:31+02:00	13.45407963	5.396306992	2.098381996	0.839680672	7.482617105
2018-06-04T17:48:31+02:00	13.44948959	5.371569633	2.074390411	0.818967819	7.38592717
2018-06-04T17:58:31+02:00	13.44294834	5.363077164	1.97127533	0.867098808	6.969023008
2018-06-04T18:08:31+02:00	13.43591499	5.373358727	2.005249023	0.858754158	7.032845868
2018-06-04T18:18:31+02:00	13.4289856	5.439519882	1.975745201	0.831783295	6.298290966
2018-06-04T18:28:31+02:00	13.42408371	5.422980309	1.982897758	0.887810707	6.55561646
2018-06-04T18:38:31+02:00	13.42199707	5.398839951	1.99630928	0.809282303	6.327313811
2018-06-04T18:48:31+02:00	13.42181873	5.394815445	1.973659515	0.823884964	6.679872024
2018-06-04T18:58:31+02:00	13.4195385	5.424320221	2.002567291	0.821650505	6.448715657
2018-06-04T19:08:31+02:00	13.42029858	5.289912224	2.046973228	0.97155571	7.113718062
2018-06-04T19:18:31+02:00	13.41904736	5.289614677	2.065450668	0.970662117	7.280428229
2018-06-04T19:28:31+02:00	13.41559029	5.299895287	2.041161537	0.968426704	7.338052192
2018-06-04T19:38:31+02:00	13.41003227	5.270242691	2.065747261	0.958144188	7.524558556
2018-06-04T19:48:31+02:00	13.40518856	5.251317978	2.060681343	0.926107407	7.23443779
2018-06-04T19:58:31+02:00	13.40070343	5.294234276	2.069324493	0.898986816	6.552374253
2018-06-04T20:08:31+02:00	13.39741039	5.583316803	1.888126373	0.919103622	3.774196593
2018-06-04T20:18:31+02:00	13.3924036	5.541591644	1.913756371	0.929237366	4.263785479
2018-06-04T20:28:31+02:00	13.38952827	5.590022087	1.864583015	0.812112808	4.086634556
2018-06-04T20:38:31+02:00	13.38624954	5.539357185	1.913010597	0.895410538	4.293492095
2018-06-04T20:48:31+02:00	13.38332939	5.568264961	1.933425903	0.902265549	4.059774262
2018-06-04T20:58:31+02:00	13.38149643	5.522370338	1.929103851	0.899881363	3.987154419
2018-06-04T21:08:31+02:00	13.37656403	5.531609535	1.935362816	0.912099838	4.239312049
2018-06-04T21:18:31+02:00	13.37072277	5.55261898	1.921802521	0.912548065	4.145481134
2018-06-04T21:28:31+02:00	13.36176682	5.525797844	1.951605797	0.926553726	4.286088551
2018-06-04T21:38:31+02:00	13.35527039	5.532354355	1.916140556	0.91686821	4.149601186
2018-06-04T21:48:31+02:00	13.34853458	5.515068054	1.92254734	0.922828674	4.218719707
2018-06-04T21:58:31+02:00	13.34440708	5.479156494	1.95249939	0.926404953	4.304908306
2018-06-04T22:08:31+02:00	13.34358788	5.572288513	1.953840256	0.909119606	4.298572424
2018-06-04T22:18:31+02:00	13.33472157	5.565880775	1.956671715	0.921785355	4.524232487
2018-06-04T22:28:31+02:00	13.33029556	5.593002319	1.97902298	0.90703392	4.498086559
2018-06-04T22:38:31+02:00	13.32625771	5.581230164	1.979470253	0.911652565	4.513157901
2018-06-04T22:48:31+02:00	13.32300949	5.570500374	1.957862854	0.895857811	4.773864627
2018-06-04T22:58:31+02:00	13.32031155	6.283520699	1.846253395	0.860393524	4.463087632
2018-06-04T23:08:31+02:00	13.31792736	6.302892685	1.880228996	0.85413456	4.422769212
2018-06-04T23:18:31+02:00	13.31509686	6.197542191	1.873672485	0.887811661	4.48219075
2018-06-04T23:28:31+02:00	13.31432152	6.19769001	1.808703423	0.927000999	3.83858201
2018-06-04T23:38:31+02:00	13.3119669	6.21780777	1.825839043	0.901073456	3.784452503
2018-06-04T23:48:31+02:00	13.30934429	5.994439125	1.823454857	0.946521759	3.563871672

2018-06-04T23:58:31+02:00	13.30690098	6.074159622	1.855492592	0.922829628	3.33860437
2018-06-05T00:08:31+02:00	13.30418873	6.318092346	1.887976646	1.019239426	3.645458791
2018-06-05T00:18:31+02:00	13.30193901	6.269662857	1.890212059	1.018793106	3.544307514
2018-06-05T00:28:31+02:00	13.29860115	6.372182846	1.948476791	0.9272995	3.582094857
2018-06-05T00:38:31+02:00	13.29675293	6.302892685	1.929253578	0.894666672	3.745601033
2018-06-05T00:48:31+02:00	13.29472637	6.308107376	1.914203644	0.959336281	3.951708296
2018-06-05T00:58:31+02:00	13.29560566	6.234347343	1.941174507	0.995993614	3.819036127
2018-06-05T01:08:31+02:00	13.29484558	6.109623909	1.85146904	0.9433918	3.050226238
2018-06-05T01:18:31+02:00	13.29423523	6.146579742	1.855939865	0.955164909	3.298411777
2018-06-05T01:28:31+02:00	13.29426479	6.154924393	1.863986015	0.939369202	3.198031594
2018-06-05T01:38:31+02:00	13.29526329	6.319135666	1.883655548	0.886917114	3.275053669
2018-06-05T01:48:31+02:00	13.29685783	6.264596939	1.791417122	0.903606415	2.741191822
2018-06-05T01:58:31+02:00	13.29840755	6.311386108	1.77994442	0.849514961	2.903589324
2018-06-05T02:08:31+02:00	13.29931641	6.255805969	1.797676086	0.887512207	2.73194848
2018-06-05T02:18:31+02:00	13.3005228	6.247014046	1.803339005	0.926107407	2.836803235
2018-06-05T02:28:31+02:00	13.30095482	6.257445335	1.81525898	0.892579079	2.845962919
2018-06-05T02:38:31+02:00	13.30034447	6.264299393	1.823008537	0.8893013	2.850301657
2018-06-05T02:48:31+02:00	13.29930115	6.236880302	1.805275917	0.874847412	2.953542877
2018-06-05T02:58:31+02:00	13.29781151	6.273984909	1.848340034	0.880062103	2.900231122
2018-06-05T03:08:31+02:00	13.29645538	6.247908592	1.824498177	0.891834259	3.110147741
2018-06-05T03:18:31+02:00	13.29766178	6.236136436	1.832842827	0.881999969	2.911084493
2018-06-05T03:28:31+02:00	13.29365349	6.273091316	1.827031136	0.883340836	3.0183353
2018-06-05T03:38:31+02:00	13.29442883	6.2251091	1.855939865	0.886768341	3.150521882
2018-06-05T03:48:31+02:00	13.2942791	6.262063026	1.870841026	0.86173439	3.142471195
2018-06-05T03:58:31+02:00	13.29536724	6.212293625	1.857280731	0.856667519	3.155652593
2018-06-05T04:08:31+02:00	13.29605293	6.208868027	1.877397537	0.860839844	3.206568294
2018-06-05T04:18:31+02:00	13.29702187	6.246417999	1.872926712	0.87052536	3.310901642
2018-06-05T04:28:31+02:00	13.29754257	6.238668442	1.890361786	0.874698639	3.39041375
2018-06-05T04:38:31+02:00	13.29930115	6.109177589	1.884996414	0.845491409	3.424077088
2018-06-05T04:48:31+02:00	13.29986763	6.181746483	1.894235611	0.84340477	3.678402081
2018-06-05T04:58:31+02:00	13.30105972	6.178170204	1.908093452	0.831187248	3.435946653
2018-06-05T05:08:31+02:00	13.30253506	6.19068718	1.910776138	0.852643967	3.357113388
2018-06-05T05:18:31+02:00	13.30305672	6.163269043	1.885592461	0.832080841	3.574223294
2018-06-05T05:28:31+02:00	13.30319023	6.102621078	1.809894562	0.84444809	3.07413537
2018-06-05T05:38:31+02:00	13.30472565	6.106347084	1.795291901	0.813304901	3.01491954
2018-06-05T05:48:31+02:00	13.30436802	6.085783005	1.768618584	0.824332237	3.030370409
2018-06-05T05:58:31+02:00	13.30421829	6.105602264	1.819581032	0.80809021	2.975166727
2018-06-05T06:08:31+02:00	13.30494881	6.093381882	1.813173294	0.79005909	3.27987321
2018-06-05T06:18:31+02:00	13.30511284	6.135105133	1.802444458	0.796318054	3.046176628
2018-06-05T06:28:31+02:00	13.30941963	6.090551376	1.807958603	0.787079811	3.26089198
2018-06-05T06:38:31+02:00	13.3066473	6.065219879	1.812129974	0.79840374	2.984189824
2018-06-05T06:48:31+02:00	13.30819702	6.100535393	1.857280731	0.795722008	3.456574993
2018-06-05T06:58:31+02:00	13.30822754	6.133020401	1.846701622	0.768751144	3.616198454
2018-06-05T07:08:31+02:00	13.30892754	6.141512871	1.851469994	0.776947021	3.590993655
2018-06-05T07:18:31+02:00	13.30962753	6.125867844	1.848787308	0.792741776	3.78576001
2018-06-05T07:28:31+02:00	13.31052208	6.150008202	1.867413521	0.769049644	3.66668026
2018-06-05T07:38:31+02:00	13.31095409	6.132720947	1.884102821	0.769049644	3.792336465
2018-06-05T07:48:31+02:00	13.31155014	6.235391617	1.891255379	0.781715393	3.625808375
2018-06-05T07:58:31+02:00	13.31134129	6.121397018	1.858472824	0.787973404	3.65594704
2018-06-05T08:08:31+02:00	13.31694412	6.102622032	1.873970032	0.795572281	4.449240866

2018-06-05T08:18:31+02:00	13.31473923	6.125270844	1.844913483	0.771881104	3.728831019
2018-06-05T08:28:31+02:00	13.31694412	6.110369682	1.917778969	0.788271904	3.922030186
2018-06-05T08:38:31+02:00	13.31919479	6.092785835	1.910030365	0.808537483	3.896788501
2018-06-05T08:48:31+02:00	13.3302803	6.125865936	1.903027534	0.818223	4.066605445
2018-06-05T08:58:31+02:00	13.34658241	6.067752838	1.88812542	1.071691513	5.204754522
2018-06-05T09:08:31+02:00	13.3552103	6.21676445	1.909434319	1.043827057	4.035389213
2018-06-05T09:18:31+02:00	13.3608427	6.105302811	1.825094223	1.070053101	2.973088083
2018-06-05T09:28:31+02:00	13.3702755	6.146430016	1.854896545	1.09002018	2.823621117
2018-06-05T09:38:31+02:00	13.37717438	6.113201141	1.910180092	1.087039948	2.815427584
2018-06-05T09:48:31+02:00	13.38124275	6.083547592	1.872479439	1.04263401	2.624920739
2018-06-05T09:58:31+02:00	13.38408852	6.017386436	1.849383354	1.082420349	2.438736153
2018-06-05T10:08:31+02:00	13.38955784	6.135105133	1.819133759	1.082866669	2.656364147
2018-06-05T10:18:31+02:00	13.39203072	6.153285027	1.850277901	1.084954262	2.5486749
2018-06-05T10:28:31+02:00	13.39828968	6.326288223	1.815408707	1.075566292	2.996869736
2018-06-05T10:38:31+02:00	13.40480137	6.330609322	1.815110207	1.075863838	2.578948105
2018-06-05T10:48:31+02:00	13.41261005	6.306617737	1.821070671	1.061857224	2.598962396
2018-06-05T10:58:31+02:00	13.41563416	6.300658226	1.837015152	1.040399551	2.525786076
2018-06-05T11:08:31+02:00	13.41015053	6.388425827	1.817494392	1.052469254	3.219068017
2018-06-05T11:18:31+02:00	13.40842247	6.376356125	1.807362556	1.070946693	2.812368631
2018-06-05T11:28:31+02:00	13.4125948	6.367416382	1.833140373	1.056939125	2.646073054
2018-06-05T11:38:31+02:00	13.42429256	6.358772278	1.834183693	1.046359062	2.81965407
2018-06-05T11:48:31+02:00	13.44400597	5.697755814	1.713484764	1.050233841	2.480579068
2018-06-05T11:58:31+02:00	13.45871353	5.737692833	1.737326622	1.07184124	2.239472118
2018-06-05T12:08:31+02:00	13.47570133	5.82605648	1.716763496	1.05381012	2.518096114
2018-06-05T12:18:31+02:00	13.48671341	5.7560215	1.766383171	1.053958893	2.494493777
2018-06-05T12:28:31+02:00	13.5004673	5.804598808	1.765489578	1.030415535	2.464153978
2018-06-05T12:38:31+02:00	13.50957108	5.776287079	1.801699638	1.04323101	2.690798027
2018-06-05T12:48:31+02:00	13.51417637	5.776434898	1.754015923	1.027732849	2.690668623
2018-06-05T12:58:31+02:00	13.52062798	5.770624161	1.747310638	1.022815704	2.532441092
2018-06-05T13:08:31+02:00	13.52412987	5.769282341	1.77994442	1.012981415	2.775597672
2018-06-05T13:18:31+02:00	13.52274418	5.770772934	1.750588417	1.009106636	2.533772905
2018-06-05T13:28:31+02:00	13.51966	5.764961243	1.787841797	1.036077499	2.595114555
2018-06-05T13:38:31+02:00	13.51758862	5.776434898	1.791715622	1.039803505	2.674838441
2018-06-05T13:48:31+02:00	13.51773739	5.784780502	1.789032936	1.007318497	2.67841198
2018-06-05T13:58:31+02:00	13.51894474	5.782992363	1.792907715	1.027882576	2.642260884
2018-06-05T14:08:31+02:00	13.52481556	5.795806885	1.799464226	1.006573677	2.660935975
2018-06-05T14:18:31+02:00	13.53758621	5.782544136	1.801252365	1.002251625	2.547214138
2018-06-05T14:28:31+02:00	13.54870224	5.772411346	1.800209045	0.962763786	3.018187448
2018-06-05T14:38:31+02:00	13.55549717	5.82545948	1.821517944	1.03428936	2.760830162
2018-06-05T14:48:31+02:00	13.54600525	5.801916122	1.823454857	1.023709297	2.77648762
2018-06-05T14:58:31+02:00	13.52885342	5.838573456	1.82315731	1.083165169	2.861446912
2018-06-05T15:08:31+02:00	13.51206017	6.099493027	1.82315731	1.043527603	2.749065793
2018-06-05T15:18:31+02:00	13.49532604	6.523429871	1.835078239	0.968277931	2.651014964
2018-06-05T15:28:31+02:00	13.47325706	6.500332832	1.802742004	1.058727264	2.239545722
2018-06-05T15:38:31+02:00	13.45106983	6.38127327	1.817792892	1.010448456	3.422270322
2018-06-05T15:48:31+02:00	13.43394852	6.455034256	1.832694054	1.002401352	2.433564499
2018-06-05T15:58:31+02:00	13.41885376	6.3885746	1.847147942	1.005381584	3.255533471
2018-06-05T16:08:31+02:00	13.41198349	6.483346939	1.822412491	0.995248795	3.265915821
2018-06-05T16:18:31+02:00	13.40749836	6.223320007	1.921206474	0.974238396	3.182893256
2018-06-05T16:28:31+02:00	13.40237236	6.186962128	1.906306267	0.96216774	3.570324929

2018-06-05T16:38:31+02:00	13.39943695	6.19933033	1.89781189	0.966042519	3.524392497
2018-06-05T16:48:31+02:00	13.40118027	6.185917854	1.910775185	0.972002983	3.493890347
2018-06-05T16:58:31+02:00	13.40110588	6.578117371	1.924186707	0.987201691	3.332236378
2018-06-05T17:08:31+02:00	13.40174675	6.526262283	1.84342289	1.069158554	2.892365787
2018-06-05T17:18:31+02:00	13.40323639	6.546525955	1.873970032	1.066327095	3.167905782
2018-06-05T17:28:31+02:00	13.40517426	6.549657822	1.876205444	1.062602043	3.299174667
2018-06-05T17:38:31+02:00	13.41032982	6.506144524	1.876801491	1.050532341	2.952317492
2018-06-05T17:48:31+02:00	13.4167223	6.486476898	1.896619797	1.080036163	3.238303871
2018-06-05T17:58:31+02:00	13.42113304	6.517915726	1.918822289	1.069307327	3.220147577
2018-06-05T18:08:31+02:00	13.41959858	6.557255745	1.909732819	1.044869423	3.343147955
2018-06-05T18:18:31+02:00	13.41824245	6.547719955	1.903027534	1.030117035	3.204987467
2018-06-05T18:28:31+02:00	13.41399574	6.526856422	1.884252548	1.04472065	3.280431596
2018-06-05T18:38:31+02:00	13.40740967	6.530731201	1.918375015	1.064687729	3.344544143
2018-06-05T18:48:31+02:00	13.40162754	6.539971352	1.914352417	1.041144371	3.41614048
2018-06-05T18:58:31+02:00	13.39633751	6.511062622	1.918375969	1.024306297	3.315630099
2018-06-05T19:08:31+02:00	13.39080906	6.481110573	1.919269562	1.010001183	3.475865738
2018-06-05T19:18:31+02:00	13.38806725	6.487519264	1.937896729	1.020877838	3.756004053
2018-06-05T19:28:31+02:00	13.39086914	6.449222565	1.9420681	1.01655674	3.402746167
2018-06-05T19:38:31+02:00	13.3906002	6.495119095	1.982152939	1.061857224	3.041700154
2018-06-05T19:48:31+02:00	13.38911057	6.452201843	1.951158524	1.078695297	3.267255895
2018-06-05T19:58:31+02:00	13.38934898	6.602258682	1.981854439	1.054406166	3.068283789
2018-06-05T20:08:31+02:00	13.38790321	6.488859177	1.772790909	1.006572723	2.644610901
2018-06-05T20:18:31+02:00	13.38303089	6.548463821	1.940279961	1.022518158	2.824381416
2018-06-05T20:28:31+02:00	13.38025951	6.570072174	1.927316666	1.010597229	2.719945943
2018-06-05T20:38:31+02:00	13.38413334	6.558299065	1.965314865	1.003593445	3.197119823
2018-06-05T20:48:31+02:00	13.38803768	6.53430748	1.98811245	1.004934311	3.304367301
2018-06-05T20:58:31+02:00	13.38803768	6.518811226	1.971126556	1.04472065	3.428158143
2018-06-05T21:08:31+02:00	13.38274765	6.541460991	1.987516403	1.038163185	3.110166772
2018-06-05T21:18:31+02:00	13.37681675	6.521344185	1.991093636	0.987351418	3.206047381
2018-06-05T21:28:31+02:00	13.3707819	6.527006149	1.99630928	0.990330696	3.104534647
2018-06-05T21:38:31+02:00	13.3657608	6.534457207	1.982003212	1.001656532	3.407681657
2018-06-05T21:48:31+02:00	13.36015797	6.536245346	2.030879021	1.02624321	3.319911693
2018-06-05T21:58:31+02:00	13.35412216	6.516872406	2.030879021	1.00851059	3.24198746
2018-06-05T22:08:31+02:00	13.34889221	6.532817841	2.008081436	0.998527527	3.292417463
2018-06-05T22:18:31+02:00	13.34469032	6.511509895	2.031176567	1.001655579	3.287392083
2018-06-05T22:28:31+02:00	13.34324455	6.476045609	2.019107819	0.990480423	3.482538547
2018-06-05T22:38:31+02:00	13.33512402	6.505994797	2.009570122	1.012831688	3.559339058
2018-06-05T22:48:31+02:00	13.33190536	6.534158707	2.019703865	1.000910759	3.461066897
2018-06-05T22:58:31+02:00	13.32990837	6.477386475	2.020746231	1.002698898	3.527729123
2018-06-05T23:08:31+02:00	13.32834339	6.492882729	2.008229256	0.964552879	3.689808032
2018-06-05T23:18:31+02:00	13.32736015	6.446391106	2.018958092	0.991971016	3.944901029
2018-06-05T23:28:31+02:00	13.32764339	6.445646286	2.048313141	0.956654549	3.707357732
2018-06-05T23:38:31+02:00	13.32710648	6.515086174	2.006292343	0.976621628	3.759309484
2018-06-05T23:48:31+02:00	13.32718086	6.490498543	2.025067329	0.94443512	3.793476172
2018-06-05T23:58:31+02:00	13.32730103	6.481111526	2.035051346	0.960826874	3.868710189
2018-06-06T00:08:31+02:00	13.32686806	6.475598335	2.057999611	0.940412521	3.895966251
2018-06-06T00:18:31+02:00	13.32624245	6.472318649	2.054273605	0.92551136	3.851458732
2018-06-06T00:28:31+02:00	13.32569122	6.454139709	2.068132401	0.918954849	3.920047933
2018-06-06T00:38:31+02:00	13.32543755	6.495714188	2.06962204	0.930130959	3.969103247
2018-06-06T00:48:31+02:00	13.32618332	6.415248871	1.891404152	1.020878792	2.896910537

2018-06-06T00:58:31+02:00	13.32668972	6.447731972	1.909285545	0.976324081	2.961653838
2018-06-06T01:08:31+02:00	13.32753944	6.406604767	1.9426651	0.978112221	2.922940233
2018-06-06T01:18:31+02:00	13.32782173	6.430447578	1.923441887	1.016557693	2.870144756
2018-06-06T01:28:31+02:00	13.32810497	6.470679283	1.91628933	1.011937141	2.956864168
2018-06-06T01:38:31+02:00	13.32804585	6.480068207	1.933276176	0.994503021	2.978545672
2018-06-06T01:48:31+02:00	13.32861137	6.52611351	1.967400551	0.959932327	3.322629703
2018-06-06T01:58:31+02:00	13.32858181	6.574093819	1.994072914	0.973492622	3.126261988
2018-06-06T02:08:31+02:00	13.32907391	6.58884716	2.001971245	0.982284546	3.056393173
2018-06-06T02:18:31+02:00	13.3294611	6.554871559	2.014040947	0.97960186	3.061056157
2018-06-06T02:28:31+02:00	13.33011723	6.610899925	2.037435532	0.998527527	3.694699588
2018-06-06T02:38:31+02:00	13.33040047	6.54473877	2.042203903	0.977516174	3.151562761
2018-06-06T02:48:31+02:00	13.33124924	6.563216209	2.00584507	0.955463409	3.192340156
2018-06-06T02:58:31+02:00	13.33387184	6.551892281	2.007037163	0.983922958	3.23768995
2018-06-06T03:08:31+02:00	13.33533192	6.555915833	1.9964571	0.975579262	3.40773841
2018-06-06T03:18:31+02:00	13.33428955	6.516277313	2.017765999	0.96380806	3.376649242
2018-06-06T03:28:31+02:00	13.33341026	6.632357597	2.017618179	0.969470024	2.984895125
2018-06-06T03:38:31+02:00	13.3348999	6.588399887	2.004504204	0.955760956	3.247532101
2018-06-06T03:48:31+02:00	13.33568954	6.579607964	2.042203903	0.961571693	3.052288188
2018-06-06T03:58:31+02:00	13.33545113	6.603897095	2.010762215	0.939965248	3.129162278
2018-06-06T04:08:31+02:00	13.33506393	6.642341614	2.009272575	0.947117805	2.876580743
2018-06-06T04:18:31+02:00	13.33704567	6.633548737	2.003461838	0.969916344	3.107062838
2018-06-06T04:28:31+02:00	13.33692646	6.503015518	1.95920372	0.973194122	2.710575013
2018-06-06T04:38:31+02:00	13.34328938	6.488711357	1.977980614	0.938028336	2.799690503
2018-06-06T04:48:31+02:00	13.34069633	6.518662453	1.981258392	0.953227043	2.823027878
2018-06-06T04:58:31+02:00	13.34095001	6.485432625	2.00510025	0.990479469	2.684318064
2018-06-06T05:08:31+02:00	13.34135246	6.492287636	1.991688728	0.948309898	2.793703567
2018-06-06T05:18:31+02:00	13.34103966	6.473063469	1.982896805	0.987947464	2.740135711
2018-06-06T05:28:31+02:00	13.33990669	6.49660778	1.975149155	0.973642349	2.751343723
2018-06-06T05:38:31+02:00	13.33837223	6.684213638	1.950561523	0.92521286	2.359643388
2018-06-06T05:48:31+02:00	13.33610725	6.692708015	1.927911758	0.941008568	2.279659311
2018-06-06T05:58:31+02:00	13.33464718	6.681530952	1.929402351	0.927895546	2.403502255
2018-06-06T06:08:31+02:00	13.33181572	6.668865204	1.921951294	0.940412521	2.516155025
2018-06-06T06:18:31+02:00	13.32794094	6.684213638	1.97097683	0.941157341	2.283881706
2018-06-06T06:28:31+02:00	13.32579517	6.662904739	1.924336433	0.934004784	2.851173222
2018-06-06T06:38:31+02:00	13.323843	6.720273972	1.931190491	0.917016983	2.349807779
2018-06-06T06:48:31+02:00	13.32326221	6.67005825	1.94281292	0.921637535	2.363149875
2018-06-06T06:58:31+02:00	13.3221302	6.668418884	1.958459854	0.924766541	2.347815273
2018-06-06T07:08:31+02:00	13.32108688	6.651580811	1.937597275	0.937133789	2.434340372
2018-06-06T07:18:31+02:00	13.32095242	6.722806931	1.90645504	0.957549095	2.679948544
2018-06-06T07:28:31+02:00	13.32397747	6.651132584	1.921803474	0.94294548	2.84688999
2018-06-06T07:38:31+02:00	13.32633209	6.678700447	1.919716835	0.934451103	2.575470333
2018-06-06T07:48:31+02:00	13.33072758	6.67050457	1.934171677	0.929683685	2.842310252
2018-06-06T07:58:31+02:00	13.33579445	6.697177887	1.934468269	0.948011398	2.539429761
2018-06-06T08:08:31+02:00	13.34206772	6.681830406	1.956819534	0.936836243	2.603698398
2018-06-06T08:18:31+02:00	13.34992027	6.683320999	1.940876007	0.951737404	2.842235728
2018-06-06T08:28:31+02:00	13.35376549	6.767213821	1.939832687	0.966787338	2.598241122
2018-06-06T08:38:31+02:00	13.353899	6.66975975	1.953840256	0.964403152	2.694372107
2018-06-06T08:48:31+02:00	13.35114288	6.645470619	1.940876961	0.935792923	2.679134285
2018-06-06T08:58:31+02:00	13.35070992	6.666629791	1.963525772	0.944584846	2.683225548
2018-06-06T09:08:31+02:00	13.35173798	6.646216393	1.966357231	0.931620598	2.671765485

2018-06-06T09:18:31+02:00	13.35380936	6.664096832	1.952945709	0.940710068	2.75806966
2018-06-06T09:28:31+02:00	13.35623837	6.636380196	1.977980614	0.959038734	2.805603269
2018-06-06T09:38:31+02:00	13.36170769	6.663053513	1.973509789	0.918656349	2.755234765
2018-06-06T09:48:31+02:00	13.36398697	6.638765335	1.998692513	0.919402122	2.705500879
2018-06-06T09:58:31+02:00	13.36425591	6.618647575	1.972764969	0.964551926	2.851859656
2018-06-06T10:08:31+02:00	13.36261654	6.605088234	1.979469299	0.915377617	2.711834221
2018-06-06T10:18:31+02:00	13.36318207	6.636082649	1.950710297	0.94443512	2.866398713
2018-06-06T10:28:31+02:00	13.36339092	6.577371597	1.999437332	0.927448273	2.822694242
2018-06-06T10:38:31+02:00	13.36580467	6.636382103	1.952945709	0.910461426	2.786790862
2018-06-06T10:48:31+02:00	13.37075233	6.592720032	1.98870945	0.909864426	2.836005828
2018-06-06T10:58:31+02:00	13.38194275	6.55278492	1.986026764	0.923275948	3.019023218
2018-06-06T11:08:31+02:00	13.39353657	6.572604179	1.989603043	0.894814491	3.002143063
2018-06-06T11:18:31+02:00	13.40411568	6.584525108	1.994669914	0.896751404	3.052882622
2018-06-06T11:28:31+02:00	13.41195393	6.531030655	1.972317696	0.905692101	2.867251888
2018-06-06T11:38:31+02:00	13.41655827	6.548761368	1.991092682	0.920444489	2.985897952
2018-06-06T11:48:31+02:00	13.4183321	6.523281097	1.973509789	0.903160095	2.953578988
2018-06-06T11:58:31+02:00	13.41857052	6.501823425	2.020746231	0.887960434	2.935874662
2018-06-06T12:08:31+02:00	13.41971779	6.478877068	2.003460884	0.903010368	3.078501771
2018-06-06T12:18:31+02:00	13.42163944	6.532371521	1.953393936	0.913739204	2.892384308
2018-06-06T12:28:31+02:00	13.42801762	6.478577614	1.962780952	0.902563095	2.892235669
2018-06-06T12:38:31+02:00	13.4373455	6.492584229	1.965313911	0.911206245	3.101134471
2018-06-06T12:48:31+02:00	13.44367886	6.459802628	1.993626595	0.903160095	3.057080839
2018-06-06T12:58:31+02:00	13.45613575	6.418377876	1.983195305	0.910162926	3.162959235
2018-06-06T13:08:31+02:00	13.47732544	6.418375969	2.004205704	0.885277748	2.976076798
2018-06-06T13:18:31+02:00	13.50091362	6.427914619	1.994967461	0.871419907	3.002329398
2018-06-06T13:28:31+02:00	13.50936317	6.413013458	1.988560677	0.880360603	3.065514817
2018-06-06T13:38:31+02:00	13.50402832	6.419420242	1.964717865	0.866800308	3.089223439
2018-06-06T13:48:31+02:00	13.4960413	6.367563248	1.998693466	0.867843628	3.149666149
2018-06-06T13:58:31+02:00	13.49768066	6.34327507	2.016425133	0.865459442	3.071552706
2018-06-06T14:08:31+02:00	13.50781345	6.406009674	1.989901543	0.847130775	3.200076558
2018-06-06T14:18:31+02:00	13.51417637	6.368906021	2.009718895	0.869482994	3.272355264
2018-06-06T14:28:31+02:00	13.50744057	6.372034073	2.035497665	0.871717453	3.580640274
2018-06-06T14:38:31+02:00	13.51299858	6.366520882	2.027153969	0.841915131	3.370297952
2018-06-06T14:48:31+02:00	13.51827431	6.385892868	2.027302742	0.886768341	3.405223188
2018-06-06T14:58:31+02:00	13.52563477	6.28888607	2.002120018	0.868141174	3.273713035
2018-06-06T15:08:31+02:00	13.52028561	6.25371933	1.98662281	0.892877579	3.363370583
2018-06-06T15:18:31+02:00	13.51177692	6.236135483	1.993030548	0.850409508	3.129571036
2018-06-06T15:28:31+02:00	13.50206184	6.304084778	2.018511772	0.888854027	3.112600876
2018-06-06T15:38:31+02:00	13.49450684	6.265640259	2.014338493	0.877827644	3.218305141
2018-06-06T15:48:31+02:00	13.4894104	6.285012245	1.982897758	0.868290901	3.070215259
2018-06-06T15:58:31+02:00	13.4850893	6.30632019	1.974701881	0.854730606	3.206847322
2018-06-06T16:08:31+02:00	13.47637177	6.27189827	1.992284775	0.849813461	3.246713321
2018-06-06T16:18:31+02:00	13.46550846	6.253123283	2.007633209	0.839084625	3.190797123
2018-06-06T16:28:31+02:00	13.45589733	6.227493286	1.983492851	0.850559235	3.252574457
2018-06-06T16:38:31+02:00	13.44871521	6.192625046	1.982896805	0.86352253	3.260724776
2018-06-06T16:48:31+02:00	13.44159222	6.175189972	2.01418972	0.85383606	3.350428419
2018-06-06T16:58:31+02:00	13.43369484	6.205291748	2.012997627	0.853984833	3.315034386
2018-06-06T17:08:31+02:00	13.42821121	6.163566589	1.999736786	0.845938683	3.446661383
2018-06-06T17:18:31+02:00	13.42247391	6.150604248	2.007334709	0.830143929	3.852393648
2018-06-06T17:28:31+02:00	13.42013454	6.308853149	1.994520187	0.84400177	3.414985801

2018-06-06T17:38:31+02:00	13.42089462	6.143897057	2.003162384	0.844597816	3.423667845
2018-06-06T17:48:31+02:00	13.41781044	6.145089149	2.008974075	0.849217415	3.487683195
2018-06-06T17:58:31+02:00	13.41764641	6.166399002	2.01448822	0.868737221	3.798987357
2018-06-06T18:08:31+02:00	13.41606712	6.165504456	2.000183105	0.856667519	3.409638927
2018-06-06T18:18:31+02:00	13.41597748	6.150007248	1.998991013	0.849217415	3.587187454
2018-06-06T18:28:31+02:00	13.4152174	6.130336761	1.996009827	0.823884964	3.515945335
2018-06-06T18:38:31+02:00	13.41254997	6.117969513	2.030432701	0.847875595	3.501254649
2018-06-06T18:48:31+02:00	13.41138744	6.047039986	1.949071884	0.822245598	3.06280203
2018-06-06T18:58:31+02:00	13.41091061	6.034225464	1.999288559	0.8352108	3.565177578
2018-06-06T19:08:31+02:00	13.40952492	6.048828125	2.045333862	0.840127945	4.015891871
2018-06-06T19:18:31+02:00	13.40709591	5.886257172	1.951604843	0.895261765	3.679429041
2018-06-06T19:28:31+02:00	13.40223885	5.883277893	1.963525772	0.869333267	3.483898535
2018-06-06T19:38:31+02:00	13.39653111	5.814731598	1.984089851	0.866353035	3.48367521
2018-06-06T19:48:31+02:00	13.38930416	5.822777748	1.950860023	0.872313499	3.580789266
2018-06-06T19:58:31+02:00	13.38623428	5.797743797	1.956671715	0.868141174	3.610209194
2018-06-06T20:08:31+02:00	13.3859663	5.825162888	1.962780952	0.87112236	3.721548127
2018-06-06T20:18:31+02:00	13.38920021	5.764216423	1.974255562	0.865309715	3.619426525
2018-06-06T20:28:31+02:00	13.39072037	5.750953674	1.966208458	0.87112236	3.700374676
2018-06-06T20:38:31+02:00	13.38955784	5.79029274	1.960396767	0.849663734	3.904248788
2018-06-06T20:48:31+02:00	13.38787365	5.947797775	1.941919327	0.844895363	3.208465314
2018-06-06T20:58:31+02:00	13.38510227	6.018579483	1.934170723	0.875890732	3.305857418
2018-06-06T21:08:31+02:00	13.38137722	5.991905212	1.934170723	0.879764557	3.280431596
2018-06-06T21:18:31+02:00	13.37660885	6.006508827	1.954138756	0.846683502	3.163815061
2018-06-06T21:28:31+02:00	13.37245083	5.994140625	1.971871376	0.866204262	3.214585114
2018-06-06T21:38:31+02:00	13.37000751	6.016939163	1.987517357	0.875144958	3.149833202
2018-06-06T21:48:31+02:00	13.36593914	5.981326103	1.96889019	0.849514961	3.667781199
2018-06-06T21:58:31+02:00	13.36316776	6.000102043	1.97023201	0.892727852	3.431399801
2018-06-06T22:08:31+02:00	13.3616333	5.96374321	1.973212242	0.879466057	3.348007748
2018-06-06T22:18:31+02:00	13.3626461	6.102174759	1.981555939	0.88021183	3.427394009
2018-06-06T22:28:31+02:00	13.36859131	6.120056152	1.96889019	0.874996185	3.396076473
2018-06-06T22:38:31+02:00	13.37946987	6.0993433	1.984387398	0.871717453	4.19061928
2018-06-06T22:48:31+02:00	13.38034821	6.111562729	2.000480652	0.883042336	3.587392805
2018-06-06T22:58:31+02:00	13.38557911	6.082505226	1.987963676	0.909865379	3.652606308
2018-06-06T23:08:31+02:00	13.38022995	6.118714333	2.012252808	0.877677917	3.560141195
2018-06-06T23:18:31+02:00	13.37043953	6.106643677	2.010762215	0.867396355	4.748412658
2018-06-06T23:28:31+02:00	13.36376381	6.103961945	2.055019379	0.892579079	3.938953426
2018-06-06T23:38:31+02:00	13.36006832	6.070285797	2.028644562	0.853837013	3.709672589
2018-06-06T23:48:31+02:00	13.35643196	6.054638863	1.992880821	0.829547882	3.829668398
2018-06-06T23:58:31+02:00	13.3502636	5.993099213	2.049654007	0.961125374	3.237262255
2018-06-07T00:08:31+02:00	13.34531593	5.995034218	2.04309845	0.971853256	3.104051756
2018-06-07T00:18:31+02:00	13.3411293	5.858541489	2.07930851	0.967533112	3.910156695
2018-06-07T00:28:31+02:00	13.33861065	5.811452866	2.064556122	0.953079224	3.578363878
2018-06-07T00:38:31+02:00	13.33647919	6.026327133	2.052783966	0.944584846	3.620135392
2018-06-07T00:48:31+02:00	13.33527279	6.057472229	1.968294144	0.938177109	2.897652816
2018-06-07T00:58:31+02:00	13.33677769	6.141214371	2.107471466	0.915378571	2.973496775
2018-06-07T01:08:31+02:00	13.34025002	6.141365051	1.983792305	0.939816475	3.083127572
2018-06-07T01:18:31+02:00	13.34390068	6.30632019	1.96889019	0.932066917	3.185701113
2018-06-07T01:28:31+02:00	13.35136604	6.284266472	1.992434502	0.910460472	3.33981461
2018-06-07T01:38:31+02:00	13.35120201	6.240457535	1.960695267	0.921190262	3.27073644
2018-06-07T01:48:31+02:00	13.35406303	6.212144852	1.962483406	0.927448273	3.213897026

2018-06-07T01:58:31+02:00	13.35632801	6.15507412	1.957862854	0.867247581	3.267293054
2018-06-07T02:08:31+02:00	13.35792255	6.127506256	1.993476868	0.893472672	3.284972616
2018-06-07T02:18:31+02:00	13.35881615	6.081014633	1.984685898	0.89913559	3.377077885
2018-06-07T02:28:31+02:00	13.36118603	6.027668953	1.991540909	0.884234428	3.375960268
2018-06-07T02:38:31+02:00	13.36419582	5.967617989	1.998841286	0.89973259	3.334545215
2018-06-07T02:48:31+02:00	13.36693764	5.91680336	1.966953278	0.894218445	3.385496562
2018-06-07T02:58:31+02:00	13.37066269	5.868227005	1.965015411	0.8893013	3.556727371
2018-06-07T03:08:31+02:00	13.37531185	5.825161934	1.961737633	0.892431259	3.498234143
2018-06-07T03:18:31+02:00	13.38307571	5.713998795	1.970529556	0.868141174	3.478735424
2018-06-07T03:28:31+02:00	13.39322281	5.626083374	2.009272575	0.866949081	3.936111606
2018-06-07T03:38:31+02:00	13.40474224	5.522667885	1.985579491	0.905990601	3.924236498
2018-06-07T03:48:31+02:00	13.41238594	5.510150909	2.024173737	0.876188278	4.090715168
2018-06-07T03:58:31+02:00	13.41715431	5.405991554	1.983642578	0.86382103	5.671667386
2018-06-07T04:08:31+02:00	13.42883682	5.282909393	1.931190491	0.876933098	4.781082436
2018-06-07T04:18:31+02:00	13.43709183	5.184114456	1.920015335	0.868290901	4.665975919
2018-06-07T04:28:31+02:00	13.44066811	5.052238464	2.003460884	0.826120377	5.978203345
2018-06-07T04:38:31+02:00	13.42305565	5.139112473	2.045184135	0.869631767	5.200853995
2018-06-07T04:48:31+02:00	13.40758801	4.576444626	2.074688911	0.867694855	6.304068851
2018-06-07T04:58:31+02:00	13.40174675	4.041045189	2.13339901	0.831932068	8.973014376
2018-06-07T05:08:31+02:00	13.40131474	3.799944878	2.108514786	0.806302071	10.50707554
2018-06-07T05:18:31+02:00	13.40056992	3.510712624	2.158731461	0.786930084	9.945806917
2018-06-07T05:28:31+02:00	13.39864731	3.387630463	2.199561119	0.805706024	10.65858002
2018-06-07T05:38:31+02:00	13.3939085	3.116875648	2.204627037	0.771284103	10.83786072
2018-06-07T05:48:31+02:00	13.3867712	2.961904526	2.30610466	0.806003571	13.66502646
2018-06-07T05:58:31+02:00	13.38630867	3.007947922	2.310276031	0.800490379	15.50208185
2018-06-07T06:08:31+02:00	13.42077541	3.093927383	2.358704567	0.866502762	17.07794457
2018-06-07T06:18:31+02:00	13.42454529	3.102272034	2.429187775	0.851899147	18.38013648
2018-06-07T06:28:31+02:00	13.41654396	2.80246067	2.426505089	0.88125515	17.04061456
2018-06-07T06:38:31+02:00	13.40757275	2.790838242	2.439767838	0.934004784	17.81332024
2018-06-07T06:48:31+02:00	13.40022659	2.782642365	2.416074753	0.939518929	17.70851125
2018-06-07T06:58:31+02:00	13.39861774	2.771168709	2.375841141	0.909269333	16.70275946
2018-06-07T07:08:31+02:00	13.39890099	2.869217873	2.394617081	0.918805122	19.33919674
2018-06-07T07:18:31+02:00	13.39733601	3.009588242	2.351999283	1.066773415	18.14160805
2018-06-07T07:28:31+02:00	13.39463902	3.6115942	2.538859367	1.670866966	21.39241597
2018-06-07T07:38:31+02:00	13.38955784	4.343688011	2.844631195	2.341567993	28.74141979
2018-06-07T07:48:31+02:00	13.38694954	4.796088219	3.030895233	2.765506744	29.64037743
2018-06-07T07:58:31+02:00	13.39216518	5.055070877	3.111362457	2.884269714	29.72208644
2018-06-07T08:08:31+02:00	13.40775204	5.253107071	3.190339088	2.897978783	29.05637398
2018-06-07T08:18:31+02:00	13.43138504	5.247741699	3.272443771	2.923160553	29.47553167
2018-06-07T08:28:31+02:00	13.45960808	5.287229538	3.405212402	2.821832657	29.82218331
2018-06-07T08:38:31+02:00	13.49005127	5.379616737	3.485679626	2.771615982	31.60833385
2018-06-07T08:48:31+02:00	13.51873589	5.296022415	3.609508514	2.709775925	29.08510068
2018-06-07T08:58:31+02:00	13.54525948	5.305408478	3.71962738	2.710224152	31.54922629
2018-06-07T09:08:31+02:00	13.57036781	5.331188202	3.804117203	2.700834274	32.49946665
2018-06-07T09:18:31+02:00	13.59449291	5.475729942	3.875196457	2.793670654	33.52129282
2018-06-07T09:28:31+02:00	13.61009502	5.613416672	3.824532509	2.888739586	37.52513175
2018-06-07T09:38:31+02:00	13.61963177	5.635619164	3.839582443	2.952219009	38.42627131
2018-06-07T09:48:31+02:00	13.6393013	5.710720062	3.805458069	3.010480881	43.0442646
2018-06-07T09:58:31+02:00	13.66984844	5.666316032	3.770738602	3.074705124	41.63790315
2018-06-07T10:08:31+02:00	13.69376469	5.69015789	3.690122604	3.062784195	41.02950309

2018-06-07T10:18:31+02:00	13.70470238	5.657822609	3.665387154	3.062040329	41.6561046
2018-06-07T10:28:31+02:00	13.67934036	5.574822426	3.618896484	3.031641006	41.22534702
2018-06-07T10:38:31+02:00	13.6836319	5.439818382	3.630817413	3.007947922	39.88461264
2018-06-07T10:48:31+02:00	13.70297337	5.278885841	3.51235199	2.936423302	36.73798628
2018-06-07T10:58:31+02:00	13.70291424	5.272626877	3.498494148	2.854912758	35.03585518
2018-06-07T11:08:31+02:00	13.71905231	5.15639782	3.455877304	2.87726593	35.34311652
2018-06-07T11:18:31+02:00	13.74049473	5.120187759	3.425777435	2.825557709	33.73051162
2018-06-07T11:28:31+02:00	13.72334385	5.013645172	3.379284859	2.751946449	33.43341026
2018-06-07T11:38:31+02:00	13.74189568	4.930049896	3.336518288	2.699644089	32.68428158
2018-06-07T11:48:31+02:00	13.75541115	4.876852036	3.35827446	2.704709053	31.13508791
2018-06-07T11:58:31+02:00	13.76712322	4.842132568	3.363786697	2.673715591	31.63546716
2018-06-07T12:08:31+02:00	13.75637913	4.7734375	3.30418396	2.606212616	31.2312757
2018-06-07T12:18:31+02:00	13.74930191	4.761816025	3.282426834	2.611726761	30.40699875
2018-06-07T12:28:31+02:00	13.73824501	4.718006134	3.268719673	2.611727715	31.0691889
2018-06-07T12:38:31+02:00	13.75073242	4.716217995	3.233253479	2.56091404	31.15277777
2018-06-07T12:48:31+02:00	13.77449894	4.612356186	3.218650818	2.530366898	30.06724372
2018-06-07T12:58:31+02:00	13.7735157	4.564970016	3.18676281	2.479553223	28.61414112
2018-06-07T13:08:31+02:00	13.74982262	4.497171402	3.11389637	2.41562748	29.17358791
2018-06-07T13:18:31+02:00	13.73083878	4.456192017	3.092587471	2.371668816	27.97370272
2018-06-07T13:28:31+02:00	13.71738338	4.363954544	3.077685356	2.352446556	27.55156692
2018-06-07T13:38:31+02:00	13.70654964	4.351734161	3.035963058	2.30491066	27.21061996
2018-06-07T13:48:31+02:00	13.69804192	4.270671844	3.041475296	2.249628067	26.74285932
2018-06-07T13:58:31+02:00	13.69224453	4.259646416	3.045798302	2.250522614	26.4126169
2018-06-07T14:08:31+02:00	13.68227577	4.182308197	3.001689911	2.237558365	26.23862352
2018-06-07T14:18:31+02:00	13.67785072	4.141181946	2.994835854	2.198516846	26.19885525
2018-06-07T14:28:31+02:00	13.67767143	4.116147041	3.014803886	2.221763611	25.89219413
2018-06-07T14:38:31+02:00	13.67573452	4.077553749	2.992301941	2.192706108	26.53825248
2018-06-07T14:48:31+02:00	13.67606258	4.060267448	2.997816086	2.19598484	25.37859531
2018-06-07T14:58:31+02:00	13.67923641	3.997982025	2.977399826	2.180933952	25.51612545
2018-06-07T15:08:31+02:00	13.68093491	3.97399044	2.96935463	2.171694756	26.69154568
2018-06-07T15:18:31+02:00	13.68908596	3.955661774	2.995580673	2.135783195	25.13138399
2018-06-07T15:28:31+02:00	13.6941967	3.987253189	2.989620209	2.130121231	25.0154737
2018-06-07T15:38:31+02:00	13.69407749	3.958791733	2.961307526	2.159029007	25.55121369
2018-06-07T15:48:31+02:00	13.6983099	3.96594429	2.962649345	2.164244652	24.75840941
2018-06-07T15:58:31+02:00	13.70073891	3.958791733	2.960712433	2.14248848	25.06300503
2018-06-07T16:08:31+02:00	13.68999481	3.956853867	2.962648392	2.113283157	24.99202673
2018-06-07T16:18:31+02:00	13.68266296	3.902017593	2.961457253	2.109109879	25.30422471
2018-06-07T16:28:31+02:00	13.67580891	3.864169121	2.93180275	2.096741676	25.51721245
2018-06-07T16:38:31+02:00	13.66820908	3.907830238	2.916007996	2.085416794	25.69976605
2018-06-07T16:48:31+02:00	13.65445518	3.970115662	2.908556938	2.092271805	24.91579817
2018-06-07T16:58:31+02:00	13.64395046	3.957302094	2.907962799	2.098232269	24.99161003
2018-06-07T17:08:31+02:00	13.63655949	3.927797318	2.894701004	2.072453499	25.13772674
2018-06-07T17:18:31+02:00	13.64217663	3.862679482	2.934635162	2.06857872	25.92233525
2018-06-07T17:28:31+02:00	13.64736271	3.830343246	2.910793304	2.060085297	25.14074942
2018-06-07T17:38:31+02:00	13.65062618	3.818273544	2.923458099	2.029091835	25.15137949
2018-06-07T17:48:31+02:00	13.64284706	3.786684036	2.925395012	2.043247223	25.54152551
2018-06-07T17:58:31+02:00	13.63655949	3.839432716	2.884119034	2.016573906	24.77324045
2018-06-07T18:08:31+02:00	13.63296795	3.854036331	2.897977829	2.027451515	24.5973796
2018-06-07T18:18:31+02:00	13.62738037	3.807097435	2.89544487	1.987218857	24.81143565
2018-06-07T18:28:31+02:00	13.62772274	3.787875175	2.889484406	1.984684944	24.43115485

2018-06-07T18:38:31+02:00	13.62232876	3.812761307	2.873241425	2.007930756	24.28671192
2018-06-07T18:48:31+02:00	13.61380482	3.831684113	2.930461884	2.017170906	24.43269511
2018-06-07T18:58:31+02:00	13.60896206	3.832878113	2.91362381	2.011209488	24.77027786
2018-06-07T19:08:31+02:00	13.60115433	3.834665298	2.890825272	2.002268791	24.63856644
2018-06-07T19:18:31+02:00	13.59352493	3.829895973	2.942234993	2.017914772	24.66074086
2018-06-07T19:28:31+02:00	13.58729553	3.840328217	2.899765968	1.972616196	24.724344
2018-06-07T19:38:31+02:00	13.58193207	3.807395935	2.904236794	2.027153969	24.4813544
2018-06-07T19:48:31+02:00	13.5756731	3.840923309	2.894252777	2.002865791	25.10402075
2018-06-07T19:58:31+02:00	13.56878853	3.816336632	2.91347599	2.015084267	24.91297458
2018-06-07T20:08:31+02:00	13.56339455	3.870875359	2.902895927	2.043247223	24.77414844
2018-06-07T20:18:31+02:00	13.55902863	3.817230225	2.884716988	2.030581474	25.76881446
2018-06-07T20:28:31+02:00	13.55502033	3.800540924	2.924204826	2.0514431	25.02418635
2018-06-07T20:38:31+02:00	13.55051994	3.79413414	2.927928925	2.059638977	25.12923131
2018-06-07T20:48:31+02:00	13.54819489	3.831833839	2.969205856	2.065598488	25.67912479
2018-06-07T20:58:31+02:00	13.54451466	3.899931908	2.957136154	2.094507217	25.42284584
2018-06-07T21:08:31+02:00	13.54099846	3.924072266	2.937911987	2.080946922	25.38991878
2018-06-07T21:18:31+02:00	13.53518677	3.890692711	2.936423302	2.124905586	25.27193403
2018-06-07T21:28:31+02:00	13.53238487	3.850757599	2.927481651	2.144127846	25.48744309
2018-06-07T21:38:31+02:00	13.52569485	3.884584427	2.956539154	2.156943321	26.18550033
2018-06-07T21:48:31+02:00	13.52009201	3.908723831	2.937465668	2.165884018	26.01476055
2018-06-07T21:58:31+02:00	13.51349068	3.874302864	3.005415916	2.175420761	26.36512156
2018-06-07T22:08:31+02:00	13.50824547	3.970562935	3.011971474	2.207458496	26.07758527
2018-06-07T22:18:31+02:00	13.50422192	4.172325134	2.982616425	2.214014053	27.12441275
2018-06-07T22:28:31+02:00	13.49696541	4.148035049	2.991558075	2.239197731	26.877062
2018-06-07T22:38:31+02:00	13.48957443	4.124195099	3.02404213	2.232640266	27.27506065
2018-06-07T22:48:31+02:00	13.48450756	4.070550919	3.008843422	2.259016037	27.51561877
2018-06-07T22:58:31+02:00	13.47903919	4.146844864	2.992152214	2.360046387	25.55567929
2018-06-07T23:08:31+02:00	13.47419643	4.054010391	3.002732277	2.357214928	26.61711097
2018-06-07T23:18:31+02:00	13.46914482	4.024655342	3.042518616	2.356171608	27.10565772
2018-06-07T23:28:31+02:00	13.46580696	3.900229454	3.01301384	2.378225327	26.33858675
2018-06-07T23:38:31+02:00	13.46255875	4.009604454	3.041326523	2.364962578	26.43129927
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2018-06-07T23:58:31+02:00	13.45665741	4.021524429	3.017334938	2.376139641	26.55830386
2018-06-08T00:08:31+02:00	13.45363235	3.946721077	3.02240181	2.458989143	26.57051571
2018-06-08T00:18:31+02:00	13.45098019	3.973692894	3.025234222	2.491474152	26.57273515
2018-06-08T00:28:31+02:00	13.44932652	4.064143181	3.030448914	2.515167236	26.98961805
2018-06-08T00:38:31+02:00	13.44755268	3.953427315	3.034919739	2.556591988	27.04766525
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2018-06-08T00:58:31+02:00	13.44305229	3.827810287	3.047286987	2.510846138	27.36275036
2018-06-08T01:08:31+02:00	13.44172668	3.925860405	3.039538383	2.498626709	27.1369515
2018-06-08T01:18:31+02:00	13.44083214	3.60488987	3.034323692	2.458394051	27.24879246
2018-06-08T01:28:31+02:00	13.44217396	3.627388954	3.032238007	2.479404449	27.77650355
2018-06-08T01:38:31+02:00	13.44372368	4.068613052	3.033130646	2.498179436	27.30275786
2018-06-08T01:48:31+02:00	13.44603348	3.98412323	3.053098679	2.482533455	28.19771982
2018-06-08T01:58:31+02:00	13.44662857	3.918409348	3.014802933	2.477467537	27.36395752
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2018-06-08T02:18:31+02:00	13.44320202	3.624259949	3.029108047	2.440958977	27.29017603
2018-06-08T02:28:31+02:00	13.4414587	3.674477577	3.020911217	2.446174622	27.62735225
2018-06-08T02:38:31+02:00	13.44080257	3.657042503	3.019273758	2.445578575	27.33723004
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2018-06-08T02:58:31+02:00	13.43996811	3.578960419	3.032833099	2.41562748	27.62909558
2018-06-08T03:08:31+02:00	13.44063854	3.603696823	3.035218239	2.423078537	27.4652067
2018-06-08T03:18:31+02:00	13.44199467	3.553182602	3.018230438	2.393871307	28.19823362
2018-06-08T03:28:31+02:00	13.44323158	3.44857502	3.004223824	2.392381668	27.64082808
2018-06-08T03:38:31+02:00	13.44287395	3.464073181	3.044306755	2.367645264	27.57578485
2018-06-08T03:48:31+02:00	13.4429636	3.499984741	3.034473419	2.371817589	27.3181314
2018-06-08T03:58:31+02:00	13.44111538	3.377497673	2.998113632	2.380908012	26.75546928
2018-06-08T04:08:31+02:00	13.44060898	3.375411987	2.987236023	2.339332581	26.75927258
2018-06-08T04:18:31+02:00	13.43820953	3.308803558	2.981870651	2.341270447	26.36666565
2018-06-08T04:28:31+02:00	13.43817997	3.352760315	3.002434731	2.367347717	26.71603237
2018-06-08T04:38:31+02:00	13.43791199	3.346354485	2.993344307	2.354234695	27.25887647
2018-06-08T04:48:31+02:00	13.43715191	3.262310028	3.048032761	2.292692184	26.90205104
2018-06-08T04:58:31+02:00	13.43610859	3.247262001	3.020018578	2.319514275	26.63405683
2018-06-08T05:08:31+02:00	13.43481255	3.279894829	2.999454498	2.292394638	27.23084601
2018-06-08T05:18:31+02:00	13.43517017	3.268867493	3.036855698	2.301781654	27.53555392
2018-06-08T05:28:31+02:00	13.43235397	3.256946564	3.049523354	2.298355103	28.02434214
2018-06-08T05:38:31+02:00	13.42998409	3.226846695	3.012716293	2.278536797	26.40347548
2018-06-08T05:48:31+02:00	13.42955208	3.238767624	3.022848129	2.285391808	26.83037079
2018-06-08T05:58:31+02:00	13.4277792	3.223867416	3.028213501	2.258419991	26.96038813
2018-06-08T06:08:31+02:00	13.42812157	3.194360733	2.993942261	2.238304138	27.81654706
2018-06-08T06:18:31+02:00	13.42856884	3.235191345	2.999752998	2.247392654	27.34965231
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2018-06-08T06:38:31+02:00	13.42688465	3.207772255	2.993047714	2.218186378	27.48530096
2018-06-08T06:48:31+02:00	13.4261694	3.22028923	2.975017548	2.231001854	27.72560087
2018-06-08T06:58:31+02:00	13.42459011	3.203302383	2.974868774	2.201498032	27.53537535
2018-06-08T07:08:31+02:00	13.42383003	3.200322151	2.958179474	2.163947105	26.60660106
2018-06-08T07:18:31+02:00	13.42400932	3.174394608	2.982765198	2.210438728	27.02778236
2018-06-08T07:28:31+02:00	13.42587185	3.202407837	2.966374397	2.153514862	26.87337778
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2018-06-08T08:08:31+02:00	13.43651104	3.209262848	2.938806534	2.133995056	26.41034116
2018-06-08T08:18:31+02:00	13.43908882	3.19555378	2.995282173	2.092420578	26.53888687
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2018-06-08T08:38:31+02:00	13.44504929	3.217758179	3.000944138	2.117008209	26.53754108
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2018-06-08T08:58:31+02:00	13.45188904	3.160089493	3.015100479	2.073348045	27.02835629
2018-06-08T09:08:31+02:00	13.45771599	3.134906769	3.034026146	2.074092865	27.61797613
2018-06-08T09:18:31+02:00	13.46354198	3.157108307	3.021359444	2.038031578	27.32506359
2018-06-08T09:28:31+02:00	13.4717226	3.121793747	2.964437485	2.067089081	26.38956394
2018-06-08T09:38:31+02:00	13.47836876	3.156513214	2.975315094	2.036988258	26.6531396
2018-06-08T09:48:31+02:00	13.48631096	3.147871017	2.94983387	2.039968491	25.8323892
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2018-06-08T10:08:31+02:00	13.51310349	3.110617638	2.94923687	2.00584507	26.3635795
2018-06-08T10:18:31+02:00	13.52994156	3.135353088	2.935528755	1.96918869	26.21147699
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2018-06-08T10:58:31+02:00	13.56172562	3.119111061	2.909452438	1.945495605	25.43207716
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2018-06-08T11:28:31+02:00	13.57975578	3.910661697	2.515167236	2.012551308	19.37182068
2018-06-08T11:38:31+02:00	13.58296013	3.705770493	2.520830154	1.970678329	19.48544929
2018-06-08T11:48:31+02:00	13.58960533	3.718286514	2.430379868	1.990199089	19.0806387
2018-06-08T11:58:31+02:00	13.60072231	3.351121902	2.234577179	1.994371414	16.82623812
2018-06-08T12:08:31+02:00	13.60356808	3.474802017	2.258271217	1.986920357	16.28531654
2018-06-08T12:18:31+02:00	13.60779953	3.491191864	2.278983116	1.979619026	16.44232114
2018-06-08T12:28:31+02:00	13.60961819	3.813058853	2.204924583	2.042800903	14.2188233
2018-06-08T12:38:31+02:00	13.60857487	3.815889359	2.090036392	2.063512802	12.54545272
2018-06-08T12:48:31+02:00	13.60963249	3.696382523	2.111643791	2.062619209	13.2706513
2018-06-08T12:58:31+02:00	13.60988617	3.647357941	1.983941078	2.035349846	16.60453777
2018-06-08T13:08:31+02:00	13.61572742	3.650635719	1.999437332	2.005249977	13.10680941
2018-06-08T13:18:31+02:00	13.61708355	3.665984154	2.05218792	2.000779152	13.05805565
2018-06-08T13:28:31+02:00	13.61365604	3.695487022	1.999139786	2.007185936	13.55635398
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2018-06-08T14:18:31+02:00	13.6049242	3.659576416	2.006441116	1.966953278	12.98047415
2018-06-08T14:28:31+02:00	13.59802437	3.620983124	2.018362999	1.931637764	12.97563543
2018-06-08T14:38:31+02:00	13.5920496	3.646463394	2.008378029	1.954287529	13.69912094
2018-06-08T14:48:31+02:00	13.58385372	3.576874733	2.016722679	1.922101021	12.90542082
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2018-06-08T15:08:31+02:00	13.57549477	3.585666656	2.010464668	1.908689499	13.18340871
2018-06-08T15:18:31+02:00	13.57947254	3.537535667	2.007335663	1.910776138	13.15527928
2018-06-08T15:28:31+02:00	13.58066463	3.551543236	2.030581474	1.878143311	13.23082253
2018-06-08T15:38:31+02:00	13.58252716	3.541261673	2.00510025	1.88902092	12.94349563
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2018-06-08T15:58:31+02:00	13.57437706	3.552138329	2.012551308	1.874417305	12.85390303
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2018-06-08T16:28:31+02:00	13.5469141	3.554671288	1.999734879	1.828969002	12.5497441
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2018-06-08T16:58:31+02:00	13.53789902	3.599375725	2.014935493	1.802742004	13.47653098
2018-06-08T17:08:31+02:00	13.53512669	3.60429287	2.011060715	1.807957649	12.70404878
2018-06-08T17:18:31+02:00	13.53266811	3.551095009	1.98811245	1.818836212	13.57447116
2018-06-08T17:28:31+02:00	13.5276022	3.506392479	1.98632431	1.790970802	12.98351175
2018-06-08T17:38:31+02:00	13.52450275	3.507435799	1.985580444	1.762956619	13.26060256
2018-06-08T17:48:31+02:00	13.52293777	3.51294899	2.000034332	1.76951313	12.9738561
2018-06-08T17:58:31+02:00	13.52120972	3.510117531	1.980364799	1.766830444	13.05155333
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2018-06-08T18:18:31+02:00	13.51557636	3.451555252	1.980363846	1.729428291	13.11993476
2018-06-08T18:28:31+02:00	13.51177692	3.476739883	1.994818687	1.737029076	12.90331291
2018-06-08T18:38:31+02:00	13.50662136	3.448426247	1.972019196	1.726895332	13.0030179
2018-06-08T18:48:31+02:00	13.50389385	3.435313225	1.988858223	1.721829414	13.15361616
2018-06-08T18:58:31+02:00	13.50074959	3.460347176	1.997947693	1.720041275	13.08898319
2018-06-08T19:08:31+02:00	13.49760628	3.414898872	2.01523304	1.711994171	13.3741621
2018-06-08T19:18:31+02:00	13.49495316	3.444553375	2.035648346	1.687108994	12.99092255
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2018-06-08T19:38:31+02:00	13.4917345	3.404020309	2.084076881	1.710355759	13.25225522
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2018-06-08T19:58:31+02:00	13.49036407	3.390907288	2.002268791	1.663119316	13.17781439
2018-06-08T20:08:31+02:00	13.48854637	3.394334793	1.98736763	1.655072212	13.34671838
2018-06-08T20:18:31+02:00	13.48561096	3.364683151	2.00584507	1.629144669	13.36562021
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2018-06-08T20:38:31+02:00	13.47994804	3.380776405	1.96963501	1.619607925	13.33453406
2018-06-08T20:48:31+02:00	13.47462845	3.370195389	1.991837502	1.635252953	13.17574281
2018-06-08T20:58:31+02:00	13.46907043	3.328174591	2.017915726	1.63406086	13.32138633
2018-06-08T21:08:31+02:00	13.46403313	3.335774422	2.037882805	1.613497734	13.19593571
2018-06-08T21:18:31+02:00	13.45980167	3.32996273	2.018659592	1.573711395	13.50483589
2018-06-08T21:28:31+02:00	13.45509338	3.33175087	2.031326294	1.586974144	13.62008583
2018-06-08T21:38:31+02:00	13.4514122	3.328024864	2.019702911	1.576542854	13.44968387
2018-06-08T21:48:31+02:00	13.44680786	3.316551208	2.032369614	1.571029663	14.14507144
2018-06-08T21:58:31+02:00	13.44250107	3.316402435	2.052634239	1.575052261	13.61244999
2018-06-08T22:08:31+02:00	13.43841839	3.309250832	2.045184135	1.549273491	13.78696803
2018-06-08T22:18:31+02:00	13.43397808	3.282726288	2.067089081	1.533031464	14.5958877
2018-06-08T22:28:31+02:00	13.43055058	3.287344933	2.038031578	1.537203789	13.70001209
2018-06-08T22:38:31+02:00	13.42718315	3.308504105	2.040266991	1.533478737	13.7598302
2018-06-08T22:48:31+02:00	13.42417336	3.231167793	2.052932739	1.504570007	13.80356399
2018-06-08T22:58:31+02:00	13.41977692	3.25724411	2.066045761	1.511871338	13.91066826
2018-06-08T23:08:31+02:00	13.41907692	3.247261047	2.042651176	1.484901428	13.66334155
2018-06-08T23:18:31+02:00	13.41655827	3.284514427	2.02253437	1.502781868	13.86426752
2018-06-08T23:28:31+02:00	13.41512775	3.24875164	2.021492004	1.510083199	13.66487365
2018-06-08T23:38:31+02:00	13.41241646	3.253669739	2.043395996	1.474171638	13.8290765
2018-06-08T23:48:31+02:00	13.4114027	3.245024681	2.006738663	1.458079338	13.79939509
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2018-06-09T00:38:31+02:00	13.40138912	3.234445572	2.071558952	1.454055786	14.03952277
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2018-06-09T00:58:31+02:00	13.39840889	3.198087692	2.056062698	1.415014267	14.07802553
2018-06-09T01:08:31+02:00	13.39583111	3.201514244	2.053081512	1.430809021	14.40145345
2018-06-09T01:18:31+02:00	13.39511585	3.168135643	2.065748215	1.419633865	14.47862185
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2018-06-09T01:38:31+02:00	13.39063072	3.143400192	2.047866821	1.410543442	14.39949349
2018-06-09T01:48:31+02:00	13.38766479	3.12969017	2.048761368	1.416802406	14.46796566
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2018-06-09T02:08:31+02:00	13.38562393	3.096460342	2.082735062	1.416503906	14.82713812
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2018-06-09T02:48:31+02:00	13.3797226	3.208517075	2.085716248	1.345276833	13.85738396
2018-06-09T02:58:31+02:00	13.37985706	3.237725258	2.039522171	1.381039619	13.99002456
2018-06-09T03:08:31+02:00	13.38092995	3.20464325	2.078562737	1.379101753	14.1454807
2018-06-09T03:18:31+02:00	13.38174915	3.195851326	2.089141846	1.354217529	14.29479686
2018-06-09T03:28:31+02:00	13.38252449	3.301053047	2.106725693	1.366585732	14.37357751
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2018-06-09T03:48:31+02:00	13.38078117	3.298074722	2.109854698	1.337677002	15.09250161

2018-06-09T03:58:31+02:00	13.37996101	3.286898613	2.139359474	1.341551781	14.40531574
2018-06-09T04:08:31+02:00	13.37847137	3.29315567	2.119392395	1.355409622	14.97022008
2018-06-09T04:18:31+02:00	13.38155556	3.309399605	2.09704113	1.322924614	14.75993486
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2018-06-09T04:38:31+02:00	13.37991619	3.258735657	2.152025223	1.314729691	15.42564217
2018-06-09T04:48:31+02:00	13.38048267	3.272890091	2.107471466	1.318157196	15.04193919
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2018-06-09T05:38:31+02:00	13.38160038	3.278105736	2.151578903	1.275092125	15.3370032
2018-06-09T05:48:31+02:00	13.37765121	3.240704536	2.174377441	1.252739906	15.28441413
2018-06-09T05:58:31+02:00	13.3773241	3.228187561	2.164840698	1.256913185	15.4102182
2018-06-09T06:08:31+02:00	13.37724876	3.253818512	2.17899704	1.24230957	15.32023766
2018-06-09T06:18:31+02:00	13.37787533	3.253221512	2.173931122	1.257061958	15.17098816
2018-06-09T06:28:31+02:00	13.38186836	3.251134872	2.193897247	1.251250267	15.4591431
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2018-06-09T07:18:31+02:00	13.38425255	3.205985069	2.179593086	1.223087311	15.49988432
2018-06-09T07:28:31+02:00	13.38627911	3.226100922	2.209692955	1.220107079	15.70960564
2018-06-09T07:38:31+02:00	13.38751602	3.200918198	2.188831329	1.222937584	15.77946837
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2018-06-09T08:08:31+02:00	13.39195633	3.189146996	2.215504646	1.213848114	15.64168168
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2018-06-09T08:38:31+02:00	13.39556313	3.112852097	2.245753288	1.194625854	15.62854279
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2018-06-09T09:48:31+02:00	13.47570133	3.026277542	2.211481094	1.147538185	15.16725308
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2018-06-09T10:58:31+02:00	13.51889992	2.987236023	2.214015007	1.120865822	15.78453169
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2018-06-09T14:28:31+02:00	13.55856705	3.288537979	2.224892616	1.256465912	16.3649046
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2018-06-09T15:18:31+02:00	13.56548119	3.360956192	2.118647575	1.210272789	16.5708862
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2018-06-09T15:58:31+02:00	13.54365063	3.403574944	2.123117447	1.233071327	18.25551212
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2018-06-09T17:18:31+02:00	13.52475548	3.42905426	2.005547523	1.200586319	16.83349482
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2018-06-09T18:28:31+02:00	13.51165771	3.433973312	2.075136185	1.147090912	16.28106838
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2018-06-09T18:58:31+02:00	13.4945507	3.447383881	2.006142616	1.122801781	16.89617256
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2018-06-09T19:48:31+02:00	13.46905518	3.380180359	1.992284775	1.123993874	16.87855726
2018-06-09T19:58:31+02:00	13.46555328	3.336071968	2.024620056	1.09002018	16.95362907
2018-06-09T20:08:31+02:00	13.46439171	3.380329132	2.02566433	1.128167152	17.10698546
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2018-06-09T20:38:31+02:00	13.46020412	3.40282917	2.031923294	1.130700111	15.64012325
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2018-06-09T21:18:31+02:00	13.4519043	3.361553192	2.02327919	1.10641098	15.18080783
2018-06-09T21:28:31+02:00	13.44746399	3.396571159	2.070069313	1.108348846	15.07341144
2018-06-09T21:38:31+02:00	13.44411087	3.35827446	2.059638023	1.106559753	14.82915954
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2018-06-09T21:58:31+02:00	13.43786716	3.322660446	2.084970474	1.082867622	15.82253016
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2018-06-10T00:08:31+02:00	13.40955544	3.362894058	2.106279373	1.062452316	16.70923566
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2018-06-10T00:28:31+02:00	13.4067688	3.357528687	2.130270004	1.04293251	17.04738657
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2018-06-10T01:38:31+02:00	13.40089703	3.358275414	2.120584488	1.005828857	16.62717767
2018-06-10T01:48:31+02:00	13.39940739	3.347097397	2.107620239	0.988840103	17.39412586
2018-06-10T01:58:31+02:00	13.3980217	3.341733932	2.136528015	0.976920128	17.42033003
2018-06-10T02:08:31+02:00	13.39800644	3.317594528	2.187639236	0.995546341	17.5668642
2018-06-10T02:18:31+02:00	13.39893055	3.420262337	2.181381226	0.950694084	17.62444688
2018-06-10T02:28:31+02:00	13.40070343	3.45781517	2.09569931	0.968128204	17.00244792
2018-06-10T02:38:31+02:00	13.40226841	3.478825569	2.100766182	0.956803322	16.74523661
2018-06-10T02:48:31+02:00	13.41304207	3.661959648	2.118051529	0.942349434	17.42161777
2018-06-10T02:58:31+02:00	13.42040253	3.679097176	2.13220787	0.92416954	17.03413637
2018-06-10T03:08:31+02:00	13.42029858	3.682523727	2.125054359	0.904203415	17.25464583
2018-06-10T03:18:31+02:00	13.41831684	3.331453323	2.08839798	1.06006813	19.35218712
2018-06-10T03:28:31+02:00	13.41639423	3.464073181	2.090037346	1.034439087	17.42966425
2018-06-10T03:38:31+02:00	13.41447258	3.422348976	2.08809948	1.050531387	17.35218378
2018-06-10T03:48:31+02:00	13.41517258	3.435016632	2.098978043	1.040994644	17.20924038
2018-06-10T03:58:31+02:00	13.42190838	3.443508148	2.089291573	1.019089699	17.2491606
2018-06-10T04:08:31+02:00	13.42317486	3.507137299	1.975744247	1.003742218	15.60390804
2018-06-10T04:18:31+02:00	13.42012024	3.649145126	1.865029335	1.032053947	13.41539637
2018-06-10T04:28:31+02:00	13.4159174	3.697126389	1.896172523	1.038164139	13.26695338
2018-06-10T04:38:31+02:00	13.40857124	3.723650932	1.913309097	1.038164139	13.39620281
2018-06-10T04:48:31+02:00	13.40252113	3.733486176	1.897364616	1.030862808	13.37869193

2018-06-10T04:58:31+02:00	13.39869213	3.701298714	1.904665947	0.990927696	13.42229293
2018-06-10T05:08:31+02:00	13.39565182	4.094690323	1.914053917	0.931918144	14.37324955
2018-06-10T05:18:31+02:00	13.39393806	3.717243195	1.946389198	1.007019997	13.72360135
2018-06-10T05:28:31+02:00	13.39170361	3.706962585	1.959651947	0.96946907	13.80350443
2018-06-10T05:38:31+02:00	13.3892746	3.609061241	1.990050316	0.941157341	14.51283264
2018-06-10T05:48:31+02:00	13.38666725	3.671199799	2.056211472	0.994950294	14.79543125
2018-06-10T05:58:31+02:00	13.38608551	3.779828072	2.019106865	0.955909729	15.22805729
2018-06-10T06:08:31+02:00	13.3841629	3.945381165	2.024323463	1.009852409	15.17403837
2018-06-10T06:18:31+02:00	13.38490868	3.983825684	1.929699898	0.997930527	14.38017861
2018-06-10T06:28:31+02:00	13.38605595	3.858654976	1.90481472	1.022965431	14.3499765
2018-06-10T06:38:31+02:00	13.38604069	3.828256607	1.932084084	1.029669762	14.35455787
2018-06-10T06:48:31+02:00	13.38759041	3.825873375	1.928061485	1.015961647	14.45022046
2018-06-10T06:58:31+02:00	13.38864899	3.823488235	1.95190239	1.024306297	14.42428378
2018-06-10T07:08:31+02:00	13.3902874	3.856866837	1.901537895	1.010894775	12.99204608
2018-06-10T07:18:31+02:00	13.3910923	3.791004181	2.018660545	1.033246994	13.40582825
2018-06-10T07:28:31+02:00	13.39094353	3.831535339	2.039969444	1.041889191	12.93229354
2018-06-10T07:38:31+02:00	13.39264202	3.859997749	1.942664146	1.029371262	13.33513692
2018-06-10T07:48:31+02:00	13.39781284	3.774463654	1.917034149	1.045763969	13.31553641
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2018-06-10T08:08:31+02:00	13.40448856	3.80292511	1.9420681	1.011937141	13.38634356
2018-06-10T08:18:31+02:00	13.40536785	3.796219826	1.943260193	1.002103806	13.39260102
2018-06-10T08:28:31+02:00	13.40649986	3.803521156	1.950860023	1.007616997	13.50375072
2018-06-10T08:38:31+02:00	13.40863132	3.810077667	1.951604843	1.025945663	13.63213914
2018-06-10T08:48:31+02:00	13.40912247	3.807545662	1.953542709	1.012534142	13.61390452
2018-06-10T08:58:31+02:00	13.40849686	3.795772552	1.976490021	1.012235641	13.5830171
2018-06-10T09:08:31+02:00	13.40742397	3.780125618	1.961886406	1.007616997	13.75333531
2018-06-10T09:18:31+02:00	13.40736485	3.776997566	1.932382584	0.995843887	13.15733293
2018-06-10T09:28:31+02:00	13.40594864	3.766267776	2.041459084	0.976622581	13.63370884
2018-06-10T09:38:31+02:00	13.40554619	3.72201252	2.060085297	1.001804352	13.9040183
2018-06-10T09:48:31+02:00	13.40663433	3.716499329	2.052336693	0.966638565	13.83210212
2018-06-10T09:58:31+02:00	13.40834808	3.711283684	2.087057114	0.978708267	13.71067226
2018-06-10T10:08:31+02:00	13.41053867	3.743768692	2.063363075	0.984966278	13.85253555
2018-06-10T10:18:31+02:00	13.41183472	3.765821457	2.069025993	0.973939896	13.7908847
2018-06-10T10:28:31+02:00	13.4145174	3.778339386	2.072303772	0.973642349	13.70282249
2018-06-10T10:38:31+02:00	13.41842079	3.772825241	2.065449715	0.967383385	13.82454009
2018-06-10T10:48:31+02:00	13.41998577	3.766418457	2.066940308	0.966489792	13.8725867
2018-06-10T10:58:31+02:00	13.4190321	3.799944878	2.090186119	0.99971962	13.89503932
2018-06-10T11:08:31+02:00	13.41941929	3.761947632	2.082736015	0.945925713	13.82372612
2018-06-10T11:18:31+02:00	13.42004585	3.758220673	2.084820747	0.967383385	14.04941432
2018-06-10T11:28:31+02:00	13.42068577	3.715902328	2.09644413	0.949352264	13.90969925
2018-06-10T11:38:31+02:00	13.42116261	3.747493744	2.103745461	0.963807106	14.24218714
2018-06-10T11:48:31+02:00	13.42239952	3.746599197	2.072751999	0.968129158	13.99396086
2018-06-10T11:58:31+02:00	13.42433739	3.707109451	2.094059944	0.966489792	13.99838378
2018-06-10T12:08:31+02:00	13.42611027	3.716796875	2.088546753	0.969618797	14.03209432
2018-06-10T12:18:31+02:00	13.42834568	3.733486176	2.115070343	0.9442873	14.22278144
2018-06-10T12:28:31+02:00	13.43195152	3.704875946	2.1599226	0.945031166	14.45396586
2018-06-10T12:38:31+02:00	13.43585587	3.709793091	2.097636223	0.92521286	14.43282581
2018-06-10T12:48:31+02:00	13.44974327	3.71023941	2.128630638	0.93534565	14.37823862
2018-06-10T12:58:31+02:00	13.46774387	3.704278946	2.16960907	0.936240196	14.26980083
2018-06-10T13:08:31+02:00	13.4755373	3.689378738	2.12356472	0.928044319	14.43674601

2018-06-10T13:18:31+02:00	13.47748947	3.767162323	2.142935753	0.92416954	14.31397106
2018-06-10T13:28:31+02:00	13.47593975	3.697871208	2.128183365	0.958293915	14.53034757
2018-06-10T13:38:31+02:00	13.47529888	3.664344788	2.119391441	0.89868927	14.58497233
2018-06-10T13:48:31+02:00	13.46743107	3.692656517	2.126544952	0.904053688	14.53061997
2018-06-10T13:58:31+02:00	13.46318436	3.688037872	2.155452728	0.92551136	14.62781397
2018-06-10T14:08:31+02:00	13.46465969	3.645868301	2.144425392	0.915378571	15.48035003
2018-06-10T14:18:31+02:00	13.46573257	3.669409752	2.137572289	0.875293732	14.6200261
2018-06-10T14:28:31+02:00	13.46169376	3.671050072	2.149938583	0.891834259	14.47606116
2018-06-10T14:38:31+02:00	13.45919037	3.663747787	2.120733261	0.883042336	12.83724816
2018-06-10T14:48:31+02:00	13.45989132	3.658831596	2.102404594	0.881552696	12.79684084
2018-06-10T14:58:31+02:00	13.46535969	3.675372124	2.119541168	0.910460472	12.83506136
2018-06-10T15:08:31+02:00	13.46871281	3.628731728	2.130120277	0.903903961	13.15595921
2018-06-10T15:18:31+02:00	13.47158813	4.097969055	2.110600471	0.858455658	14.82562207
2018-06-10T15:28:31+02:00	13.47336197	4.162788391	2.088994026	0.847429276	13.75253934
2018-06-10T15:38:31+02:00	13.48178101	4.239528656	2.094954491	0.84474659	14.25959454
2018-06-10T15:48:31+02:00	13.49484921	4.394501686	2.122670174	0.872015953	13.81767699
2018-06-10T15:58:31+02:00	13.50535488	4.287959099	2.088546753	0.878274918	13.86388035
2018-06-10T16:08:31+02:00	13.50490761	4.301965714	2.101659775	0.865459442	14.27882492
2018-06-10T16:18:31+02:00	13.50897598	4.302114487	2.080947876	0.844151497	14.1767364
2018-06-10T16:28:31+02:00	13.52162647	4.236251831	2.073049545	0.877082825	14.0772707
2018-06-10T16:38:31+02:00	13.52685738	4.294813156	1.872480392	0.891089439	9.149668102
2018-06-10T16:48:31+02:00	13.52189445	4.288555145	1.85981369	0.868141174	8.990985327
2018-06-10T16:58:31+02:00	13.51380348	4.327595711	1.878887177	0.829845428	9.047469374
2018-06-10T17:08:31+02:00	13.50826073	4.263370514	1.882314682	0.844747543	9.358380572
2018-06-10T17:18:31+02:00	13.50639725	4.274993896	1.882761955	0.864863396	9.173757703
2018-06-10T17:28:31+02:00	13.50592041	4.302709579	1.875013351	0.838637352	9.143770013
2018-06-10T17:38:31+02:00	13.50152493	4.284680367	1.882761955	0.829696655	9.669233179
2018-06-10T17:48:31+02:00	13.49821663	4.276037216	1.914351463	0.844597816	9.430876475
2018-06-10T17:58:31+02:00	13.49422359	4.270523071	1.887827873	0.828803062	9.479598976
2018-06-10T18:08:31+02:00	13.49022961	4.290342331	1.899898529	0.820904732	9.65001487
2018-06-10T18:18:31+02:00	13.4887991	4.269779205	1.896619797	0.8346138	9.469938873
2018-06-10T18:28:31+02:00	13.48733902	4.243700981	1.911967278	0.804961205	9.580787879
2018-06-10T18:38:31+02:00	13.47719097	4.245788574	1.924485207	0.831782341	9.642650328
2018-06-10T18:48:31+02:00	13.46807194	4.135817528	1.922995567	0.873059273	9.571162051
2018-06-10T18:58:31+02:00	13.45996571	4.070997238	1.851916313	0.862330437	9.41857239
2018-06-10T19:08:31+02:00	13.45354271	4.086494446	1.865178108	0.846683502	9.494167702
2018-06-10T19:18:31+02:00	13.44811916	4.040301323	1.86964798	0.832528114	9.757664102
2018-06-10T19:28:31+02:00	13.44414043	4.078001022	1.89676857	0.823140144	9.725357768
2018-06-10T19:38:31+02:00	13.44026661	4.039853096	1.91494751	0.841916084	9.81207665
2018-06-10T19:48:31+02:00	13.43739033	4.050285339	1.88842392	0.829845428	10.29437132
2018-06-10T19:58:31+02:00	13.43399239	4.121513367	1.912415504	0.773668289	9.557260326
2018-06-10T20:08:31+02:00	13.43226433	4.052967072	1.949816704	0.741333008	12.45155717
2018-06-10T20:18:31+02:00	13.43052101	4.080087662	1.907646179	0.773519516	10.97011838
2018-06-10T20:28:31+02:00	13.42660141	4.100800514	1.918077469	0.788718224	10.84432859
2018-06-10T20:38:31+02:00	13.42469406	4.11197567	1.981556892	0.724047661	13.82987062
2018-06-10T20:48:31+02:00	13.42326355	4.444717407	2.008975029	0.646411896	11.62838888
2018-06-10T20:58:31+02:00	13.42305565	4.359930038	1.946091652	0.58889389	12.44038708
2018-06-10T21:08:31+02:00	13.42183304	4.263669014	1.953244209	0.852496147	12.19051213
2018-06-10T21:18:31+02:00	13.42251873	4.297197342	1.961587906	0.840126991	11.90647375
2018-06-10T21:28:31+02:00	13.42169952	4.303753853	1.958459854	0.824183464	11.96354782

2018-06-10T21:38:31+02:00	13.42017937	4.272013664	1.955925941	0.832229614	11.97230904
2018-06-10T21:48:31+02:00	13.41815281	4.263520241	1.988559723	0.798254967	12.61139317
2018-06-10T21:58:31+02:00	13.41514301	4.300027847	1.966804504	0.785737991	12.6020549
2018-06-10T22:08:31+02:00	13.41298199	4.279314995	2.020002365	0.776499748	12.85957035
2018-06-10T22:18:31+02:00	13.41171551	4.249067307	1.967549324	0.745355606	13.08422252
2018-06-10T22:28:31+02:00	13.41217804	4.264115334	1.897215843	0.761151314	12.86270415
2018-06-10T22:38:31+02:00	13.41313171	4.137755394	1.862644196	0.842213631	11.99528084
2018-06-10T22:48:31+02:00	13.41049385	4.161000252	1.875609398	0.80674839	15.9014846
2018-06-10T22:58:31+02:00	13.40700722	4.097073555	1.938492775	0.884681702	11.88584294
2018-06-10T23:08:31+02:00	13.40356445	4.364997864	1.950115204	0.900327682	11.04472809
2018-06-10T23:18:31+02:00	13.40208912	4.342496872	1.976341248	0.912249565	11.18699798
2018-06-10T23:28:31+02:00	13.40097237	4.400312424	1.910627365	0.848472595	11.44299953
2018-06-10T23:38:31+02:00	13.39748478	4.465579987	1.863241196	0.815690041	10.41049213
2018-06-10T23:48:31+02:00	13.39523506	4.487483978	1.903325081	0.727325439	13.5345949
2018-06-10T23:58:31+02:00	13.39399815	4.707277298	1.86055851	0.816732407	8.595109696
2018-06-11T00:08:31+02:00	13.39283562	4.638134956	1.745372772	0.832378387	6.466327264
2018-06-11T00:18:31+02:00	13.39146519	4.654676437	1.952945709	0.949650764	6.226864955
2018-06-11T00:28:31+02:00	13.39010906	4.401802063	1.871734619	0.949203491	6.209915895
2018-06-11T00:38:31+02:00	13.38864899	4.49180603	1.855790138	0.924766541	5.735480957
2018-06-11T00:48:31+02:00	13.38891697	4.465878487	1.77934742	0.966787338	7.131245501
2018-06-11T00:58:31+02:00	13.3889761	5.020051003	1.738369942	0.839531898	6.600814975
2018-06-11T01:08:31+02:00	13.39098835	4.652291298	1.735091209	0.818819046	6.872379301
2018-06-11T01:18:31+02:00	13.39225483	4.637688637	1.775176048	0.805408478	7.201005371
2018-06-11T01:28:31+02:00	13.39323807	4.631429672	1.741945267	0.764877319	7.038680789
2018-06-11T01:38:31+02:00	13.3917923	4.658401489	1.763105392	0.769048691	7.090545351
2018-06-11T01:48:31+02:00	13.38763523	4.580617905	1.798420906	0.725984573	6.802882955
2018-06-11T01:58:31+02:00	13.38463974	4.710853577	1.760870934	0.730752945	7.108965582
2018-06-11T02:08:31+02:00	13.38115311	4.609078407	1.794993401	0.773668289	7.00922641
2018-06-11T02:18:31+02:00	13.37838173	4.57406044	1.75252533	0.823736191	7.054377479
2018-06-11T02:28:31+02:00	13.38106346	4.568099976	1.741350174	0.785887718	7.788069729
2018-06-11T02:38:31+02:00	13.38095951	4.496575356	1.762509346	0.778734207	7.677094481
2018-06-11T02:48:31+02:00	13.38016987	4.732460022	1.708119392	0.643133163	5.119735055
2018-06-11T02:58:31+02:00	13.37799454	4.697589874	1.739113808	0.620335579	5.411275094
2018-06-11T03:08:31+02:00	13.3775177	4.656165123	1.744180679	0.48995018	5.807140082
2018-06-11T03:18:31+02:00	13.37756252	4.569589615	1.762360573	0.554919243	13.32909446
2018-06-11T03:28:31+02:00	13.37742805	4.576593399	1.787840843	0.814944267	6.403642164
2018-06-11T03:38:31+02:00	13.37957382	4.545451164	1.780539513	0.786781311	6.1678257
2018-06-11T03:48:31+02:00	13.38148117	4.512070656	1.805573463	0.793933868	6.212434756
2018-06-11T03:58:31+02:00	13.38186836	4.5385952	1.818686485	0.797807693	6.33330101
2018-06-11T04:08:31+02:00	13.37945461	4.529654503	1.835226059	0.776649475	6.27461261
2018-06-11T04:18:31+02:00	13.37966347	4.747807503	1.754014969	0.83535862	5.498027871
2018-06-11T04:28:31+02:00	13.37948418	4.78148365	1.780540466	0.855922699	5.399201879
2018-06-11T04:38:31+02:00	13.3783226	4.784614563	1.778305054	0.853985786	5.429233222
2018-06-11T04:48:31+02:00	13.37961864	4.748106003	1.780241966	0.82477951	5.5624283
2018-06-11T04:58:31+02:00	13.38036346	4.807859421	1.76846981	0.832974434	5.292622075
2018-06-11T05:08:31+02:00	13.37946987	4.705636978	1.801550865	0.836849213	5.805911093
2018-06-11T05:18:31+02:00	13.37845612	4.688949585	1.799016953	0.794231415	5.370627436
2018-06-11T05:28:31+02:00	13.37608719	4.740358353	1.797377586	0.822395325	5.415782581
2018-06-11T05:38:31+02:00	13.37417984	4.707724571	1.818090439	0.809431076	5.350354591
2018-06-11T05:48:31+02:00	13.37198925	4.679858208	1.821219444	0.825375557	5.604191441

2018-06-11T05:58:31+02:00	13.37084198	4.670918465	1.804531097	0.802129745	5.817100963
2018-06-11T06:08:31+02:00	13.37082672	4.686414719	1.838057518	0.804216385	5.578116974
2018-06-11T06:18:31+02:00	13.37306213	4.671365738	1.827328682	0.819563866	5.591635679
2018-06-11T06:28:31+02:00	13.37818813	4.623234749	1.809447289	0.813900948	5.654724977
2018-06-11T06:38:31+02:00	13.3838501	4.60863018	1.82420063	0.820308685	5.997365926
2018-06-11T06:48:31+02:00	13.38987064	4.595667839	1.826435089	0.809878349	5.780303339
2018-06-11T06:58:31+02:00	13.38799286	4.589706421	1.830458641	0.804662704	5.694637628
2018-06-11T07:08:31+02:00	13.38322449	4.594772339	1.814962387	0.795722008	6.120934667
2018-06-11T07:18:31+02:00	13.38072109	4.588068008	1.824498177	0.775753975	5.85341339
2018-06-11T07:28:31+02:00	13.38092995	4.557966232	1.810491562	0.793635368	5.76108509
2018-06-11T07:38:31+02:00	13.38094521	4.561693192	1.840889931	0.795721054	5.706387291
2018-06-11T07:48:31+02:00	13.3808403	4.533975601	1.824199677	0.77083683	5.950606833
2018-06-11T07:58:31+02:00	13.37954426	4.554986954	1.85102272	0.766068459	6.112681632
2018-06-11T08:08:31+02:00	13.38042355	4.548728943	1.828670502	0.791102409	5.908849918
2018-06-11T08:18:31+02:00	13.37890339	4.550664902	1.830457687	0.793487549	5.799466281
2018-06-11T08:28:31+02:00	13.37966347	4.528165817	1.80721283	0.775605202	5.819388753
2018-06-11T08:38:31+02:00	13.38191319	4.521906853	1.839996338	0.773072243	5.864908786
2018-06-11T08:48:31+02:00	13.37841129	4.519670486	1.828819275	0.773519516	5.965700411
2018-06-11T08:58:31+02:00	13.37830734	4.500299454	1.836865425	0.752210617	6.022849928
2018-06-11T09:08:31+02:00	13.37955856	4.485399246	1.807957649	0.741630554	5.921293343
2018-06-11T09:18:31+02:00	13.38197327	4.479289055	1.846253395	0.756681442	6.046860489
2018-06-11T09:28:31+02:00	13.38355255	4.446208954	1.830309868	0.766218185	6.00300413
2018-06-11T09:38:31+02:00	13.38660717	4.454852104	1.825541496	0.778883934	5.945519069
2018-06-11T09:48:31+02:00	13.38756084	4.421621323	1.836567879	0.755786896	5.975119671
2018-06-11T09:58:31+02:00	13.39013863	4.445612907	1.85042572	0.774562836	6.09907295
2018-06-11T10:08:31+02:00	13.39221001	4.448443413	1.840442657	0.747591019	6.050361789
2018-06-11T10:18:31+02:00	13.39407253	4.335939407	1.857876778	0.746994972	6.18308473
2018-06-11T10:28:31+02:00	13.39741039	4.413722992	1.829267502	0.742375374	6.176950358
2018-06-11T10:38:31+02:00	13.40343094	4.450381279	1.824349403	0.752955437	6.15018041
2018-06-11T10:48:31+02:00	13.41022587	4.405229568	1.839399338	0.733584404	6.239988983
2018-06-11T10:58:31+02:00	13.4183321	4.455149651	1.844316483	0.73492527	6.322672192
2018-06-11T11:08:31+02:00	13.42461967	4.394799232	1.881717682	0.745951653	6.496016255
2018-06-11T11:18:31+02:00	13.43025303	4.435033798	1.826137543	0.732689857	6.321232679
2018-06-11T11:28:31+02:00	13.43595982	4.427879333	1.873373985	0.73567009	6.596376599
2018-06-11T11:38:31+02:00	13.4419651	4.388837814	1.883655548	0.752210617	6.534566712
2018-06-11T11:48:31+02:00	13.44610786	4.389285088	1.866071701	0.695287704	6.543194556
2018-06-11T11:58:31+02:00	13.44974327	4.373342514	1.875311852	0.759363174	6.550970184
2018-06-11T12:08:31+02:00	13.44877434	4.38272953	1.855791092	0.716596603	6.560168639
2018-06-11T12:18:31+02:00	13.44476604	4.398971558	1.845806122	0.741630554	6.633501315
2018-06-11T12:28:31+02:00	13.44414043	4.348308563	1.863986969	0.734030724	6.585507306
2018-06-11T12:38:31+02:00	13.44510937	4.372447968	1.868456841	0.701695442	6.725569725
2018-06-11T12:48:31+02:00	13.44454288	4.38407135	1.892148972	0.717639923	6.874847065
2018-06-11T12:58:31+02:00	13.44418526	4.364400864	1.890213013	0.717788696	6.789631502
2018-06-11T13:08:31+02:00	13.44345474	4.340111732	1.869648933	0.71510601	6.720653824
2018-06-11T13:18:31+02:00	13.44378281	4.264413834	1.842975616	0.609308243	7.919856564
2018-06-11T13:28:31+02:00	13.44412613	4.54559803	1.873672485	0.632107735	8.950394427
2018-06-11T13:38:31+02:00	13.44642067	4.528910637	1.862645149	0.647902489	8.437809204
2018-06-11T13:48:31+02:00	13.45008659	4.429368973	1.794547081	0.669956207	8.530399032
2018-06-11T13:58:31+02:00	13.44953442	4.443824768	1.803935051	0.645368576	8.598550527
2018-06-11T14:08:31+02:00	13.45117378	4.385412216	1.818984985	0.661611557	8.944902832

2018-06-11T14:18:31+02:00	13.45026493	4.399419785	1.856535912	0.659972191	9.807913121
2018-06-11T14:28:31+02:00	13.44883442	4.345029831	1.836269379	0.649244308	8.79267578
2018-06-11T14:38:31+02:00	13.45145702	4.31969738	1.831054688	0.648945808	8.186920928
2018-06-11T14:48:31+02:00	13.46534538	4.522949219	1.819580078	0.607521057	8.605661316
2018-06-11T14:58:31+02:00	13.47921753	4.562884331	1.871585846	0.722408295	9.12366578
2018-06-11T15:08:31+02:00	13.48467159	4.556030273	1.840888977	0.721812248	9.085124628
2018-06-11T15:18:31+02:00	13.48958874	4.574806213	1.86190033	0.7261343	9.403566542
2018-06-11T15:28:31+02:00	13.49118328	4.476308823	1.953989029	0.693798065	8.869650035
2018-06-11T15:38:31+02:00	13.49298668	4.491954803	1.978426933	0.712275505	8.910957073
2018-06-11T15:48:31+02:00	13.48976803	4.454553604	1.927315712	0.681430817	8.697461237
2018-06-11T15:58:31+02:00	13.48677254	4.472881317	1.945495605	0.700653076	8.751405503
2018-06-11T16:08:31+02:00	13.49638367	4.460960388	1.961141586	0.718683243	8.585248354
2018-06-11T16:18:31+02:00	13.48884392	4.446805	1.971721649	0.706612587	8.555547916
2018-06-11T16:28:31+02:00	13.48552132	4.422218323	1.998990059	0.658780098	8.667043758
2018-06-11T16:38:31+02:00	13.48884392	4.436224937	1.961886406	0.690519333	8.64582297
2018-06-11T16:48:31+02:00	13.49368668	4.470497131	1.949519157	0.69931221	8.695874357
2018-06-11T16:58:31+02:00	13.50201702	4.453062057	1.954585075	0.69797039	8.84302111
2018-06-11T17:08:31+02:00	13.49721813	4.485397339	1.914948463	0.662506104	8.771065141
2018-06-11T17:18:31+02:00	13.48951435	4.470794678	1.959650993	0.689624786	9.24398895
2018-06-11T17:28:31+02:00	13.48231697	4.456043243	1.880973816	0.687539101	8.365760476
2018-06-11T17:38:31+02:00	13.47652054	4.46468544	1.870691299	0.680983543	8.561796579
2018-06-11T17:48:31+02:00	13.46571732	4.432796478	1.873522758	0.661462784	8.628331646
2018-06-11T17:58:31+02:00	13.4522171	4.556923866	1.915693283	0.650585175	7.896308477
2018-06-11T18:08:31+02:00	13.44348526	4.62979126	1.794994354	0.611990929	7.135141845
2018-06-11T18:18:31+02:00	13.43585587	4.567950249	1.813769341	0.628977776	7.106949967
2018-06-11T18:28:31+02:00	13.42873287	4.498660088	1.728237152	0.720768929	4.494088681
2018-06-11T18:38:31+02:00	13.42573738	4.423558235	1.717209816	0.742375374	5.039385052
2018-06-11T18:48:31+02:00	13.42478371	4.452466965	1.717060089	0.748931885	4.781402956
2018-06-11T18:58:31+02:00	13.42301083	4.431159019	1.725852966	0.689476013	4.716650565
2018-06-11T19:08:31+02:00	13.42175865	4.744082451	1.736134529	0.703036308	5.139266704
2018-06-11T19:18:31+02:00	13.42035866	4.747211456	1.725405693	0.764577866	5.13924838
2018-06-11T19:28:31+02:00	13.41767597	4.719047546	1.776814461	0.765026093	4.715543116
2018-06-11T19:38:31+02:00	13.41466618	4.689694405	1.7622118	0.777989388	4.658987022
2018-06-11T19:48:31+02:00	13.41065788	4.712193489	1.794397354	0.764131546	4.788490168
2018-06-11T19:58:31+02:00	13.40672398	4.793704033	1.978725433	0.737607002	7.422143532
2018-06-11T20:08:31+02:00	13.40226841	4.706382751	1.857876778	0.795423508	5.637388515
2018-06-11T20:18:31+02:00	13.39919853	5.051343918	1.871585846	0.822841644	4.471569573
2018-06-11T20:28:31+02:00	13.39781284	4.990695953	1.831799507	0.852643967	4.737361468
2018-06-11T20:38:31+02:00	13.39623356	5.053133965	1.67936039	0.745206833	3.327991545
2018-06-11T20:48:31+02:00	13.39274597	4.858673096	1.65075016	0.76219368	3.458513435
2018-06-11T20:58:31+02:00	13.38933372	5.003065109	1.778006554	0.974983215	4.725765405
2018-06-11T21:08:31+02:00	13.38602638	4.965810776	1.791418076	0.946819305	5.134238215
2018-06-11T21:18:31+02:00	13.38160038	4.975199699	1.783668518	0.94503212	4.950452086
2018-06-11T21:28:31+02:00	13.37790489	4.998147964	1.75178051	0.801532745	4.308413952
2018-06-11T21:38:31+02:00	13.37267494	4.917233467	1.766830444	0.778436661	4.033180773
2018-06-11T21:48:31+02:00	13.3687706	4.849284172	1.779348373	0.884682655	4.094609462
2018-06-11T21:58:31+02:00	13.36552238	4.885942459	1.824349403	0.951587677	4.454831405
2018-06-11T22:08:31+02:00	13.36368942	4.886687279	1.838504791	0.945179939	4.599295385
2018-06-11T22:18:31+02:00	13.35994911	4.893094063	1.825689316	0.949352264	4.567016402
2018-06-11T22:28:31+02:00	13.35744572	4.90859127	1.817494392	0.958442688	4.55312396

2018-06-11T22:38:31+02:00	13.35375023	4.904865265	1.842230797	0.968276978	4.541614926
2018-06-11T22:48:31+02:00	13.35033798	4.875957489	1.826584816	0.950098038	4.691753427
2018-06-11T22:58:31+02:00	13.34470558	4.907548904	1.838058472	0.935196877	4.714753184
2018-06-11T23:08:31+02:00	13.34165001	4.856735229	1.838356018	0.940711021	5.095232987
2018-06-11T23:18:31+02:00	13.33776093	4.960745811	1.817195892	0.915973663	4.910300343
2018-06-11T23:28:31+02:00	13.33437824	4.985929489	1.848340988	0.929981232	5.097585662
2018-06-11T23:38:31+02:00	13.33141327	5.012303352	1.837164879	0.904798508	4.919763323
2018-06-11T23:48:31+02:00	13.32871628	4.96506691	1.838058472	0.939220428	4.934589727
2018-06-11T23:58:31+02:00	13.32697296	4.992783546	1.797676086	0.820159912	4.715090901
2018-06-12T00:08:31+02:00	13.32625771	4.982798576	1.78873539	0.820904732	4.753675788
2018-06-12T00:18:31+02:00	13.32724094	5.004554749	1.77130127	0.825674057	4.782661943
2018-06-12T00:28:31+02:00	13.32786655	5.012005806	1.780838013	0.789315224	5.154562283
2018-06-12T00:38:31+02:00	13.32965469	4.987268448	1.786201477	0.772028923	5.440439898
2018-06-12T00:48:31+02:00	13.33604717	4.953146935	1.766383171	0.744312286	5.301689538
2018-06-12T00:58:31+02:00	13.33335018	4.949419975	1.781582832	0.767856598	5.640768859
2018-06-12T01:08:31+02:00	13.33503437	4.984289169	1.755208015	0.755488396	5.591711081
2018-06-12T01:18:31+02:00	13.33661366	5.020350456	1.756548882	0.763386726	5.709616922
2018-06-12T01:28:31+02:00	13.33749294	4.980861664	1.777709007	0.758767128	5.9354388
2018-06-12T01:38:31+02:00	13.33741856	5.021541595	1.753866196	0.761151314	5.546420954
2018-06-12T01:48:31+02:00	13.33776093	5.008429527	1.754015923	0.787526131	5.706689069
2018-06-12T01:58:31+02:00	13.33701611	4.979519844	1.751929283	0.767409325	5.662545193
2018-06-12T02:08:31+02:00	13.33382702	5.002469063	1.774727821	0.760704041	5.586179754
2018-06-12T02:18:31+02:00	13.32971478	4.96640873	1.779348373	0.838191032	5.589539906
2018-06-12T02:28:31+02:00	13.32476711	4.977136612	1.792609215	0.85234642	5.566109919
2018-06-12T02:38:31+02:00	13.3187027	4.975199699	1.799165726	0.848770142	6.049679739
2018-06-12T02:48:31+02:00	13.31421757	4.968642235	1.795590401	0.842809677	5.739127993
2018-06-12T02:58:31+02:00	13.30967236	5.060881615	1.781731606	0.842511177	5.549912847
2018-06-12T03:08:31+02:00	13.30666256	4.887133598	1.765639305	0.965744019	4.239142718
2018-06-12T03:18:31+02:00	13.30299664	4.812925339	1.80721283	0.93594265	4.479075281
2018-06-12T03:28:31+02:00	13.29955482	5.056411743	1.844316483	0.956953049	4.866978736
2018-06-12T03:38:31+02:00	13.29876518	5.168616295	1.847296715	0.938774109	4.895043496
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2018-06-12T03:58:31+02:00	13.30094051	5.217342377	1.829117775	0.934153557	4.852798283
2018-06-12T04:08:31+02:00	13.3025198	5.1723423	1.828820229	0.94354248	4.872113483
2018-06-12T04:18:31+02:00	13.30485916	5.183071136	1.836866379	0.957399368	4.969006024
2018-06-12T04:28:31+02:00	13.30639458	5.177258492	1.86785984	0.943839073	5.433893738
2018-06-12T04:38:31+02:00	13.30704975	5.088598251	1.768767357	0.886172295	3.395201417
2018-06-12T04:48:31+02:00	13.30621529	5.08278656	1.756697655	0.88825798	4.021935
2018-06-12T04:58:31+02:00	13.30243015	5.185605049	1.758337021	0.928640366	3.168704998
2018-06-12T05:08:31+02:00	13.29766178	4.966556549	1.693070412	0.879317284	2.359089694
2018-06-12T05:18:31+02:00	13.29378796	5.141645432	1.690834045	0.855327606	2.338829208
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2018-06-12T05:38:31+02:00	13.28478718	5.16444397	1.752526283	0.828654289	2.470619911
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2018-06-12T05:58:31+02:00	13.28222466	5.122423172	1.710354805	0.865310669	3.184418098
2018-06-12T06:08:31+02:00	13.28296947	5.125104904	1.719295502	0.843255997	2.536878646
2018-06-12T06:18:31+02:00	13.28347588	5.169362068	1.712143898	0.904947281	2.651421983
2018-06-12T06:28:31+02:00	13.28323746	5.159228325	1.769065857	0.87186718	2.562820678
2018-06-12T06:38:31+02:00	13.28068924	5.146712303	1.728384972	0.869185448	2.639466045
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2018-06-12T06:58:31+02:00	13.27632332	5.155950546	1.729876518	0.872760773	2.664916111
2018-06-12T07:08:31+02:00	13.27486324	5.187541962	1.768917084	0.876337051	2.660602842
2018-06-12T07:18:31+02:00	13.27247906	5.147903442	1.759380341	0.834763527	3.077275547
2018-06-12T07:28:31+02:00	13.27073574	5.152970314	1.749396324	0.819265366	2.686021083
2018-06-12T07:38:31+02:00	13.27091408	5.135087967	1.75178051	0.858456612	2.743136667
2018-06-12T07:48:31+02:00	13.27318001	5.153863907	1.787693024	0.856668472	3.04543339
2018-06-12T07:58:31+02:00	13.27764988	5.220621109	1.757740974	0.835954666	2.99477264
2018-06-12T08:08:31+02:00	13.28404236	5.16533947	1.772343636	0.84400177	2.711834221
2018-06-12T08:18:31+02:00	13.28983879	5.150138855	1.766980171	0.819563866	2.699834427
2018-06-12T08:28:31+02:00	13.29611206	5.13792038	1.792162895	0.806898117	2.816576967
2018-06-12T08:38:31+02:00	13.30170059	5.133897781	1.77964592	0.838191032	2.956010791
2018-06-12T08:48:31+02:00	13.30868912	5.263237953	1.793503761	0.853240013	2.864154471
2018-06-12T08:58:31+02:00	13.31858349	5.138515472	1.755804062	0.806301117	2.872352085
2018-06-12T09:08:31+02:00	13.33193493	5.09262085	1.785456657	0.832229614	2.836970312
2018-06-12T09:18:31+02:00	13.3495779	5.099923134	1.800060272	0.836401939	3.211832309
2018-06-12T09:28:31+02:00	13.36792088	5.131065369	1.805573463	0.821203232	2.870682697
2018-06-12T09:38:31+02:00	13.38817215	5.115867615	1.811981201	0.822096825	3.007212224
2018-06-12T09:48:31+02:00	13.40351963	5.153864861	1.8166008	0.811070442	3.107954901
2018-06-12T09:58:31+02:00	13.41326523	5.143732071	1.80721283	0.792593002	2.995998001
2018-06-12T10:08:31+02:00	13.42652702	5.115270615	1.791715622	0.800043106	2.954099745
2018-06-12T10:18:31+02:00	13.43604946	5.154459953	1.822412491	0.815391541	3.031373628
2018-06-12T10:28:31+02:00	13.44417	5.130170822	1.812427521	0.827312469	3.153700708
2018-06-12T10:38:31+02:00	13.4516058	5.134045601	1.830309868	0.813752174	3.143271195
2018-06-12T10:48:31+02:00	13.45790958	5.134790421	1.831799507	0.80704689	3.084707758
2018-06-12T10:58:31+02:00	13.46690941	5.097240448	1.80646801	0.804662704	3.058585062
2018-06-12T11:08:31+02:00	13.47871113	5.131661415	1.856535912	0.828504562	3.267554115
2018-06-12T11:18:31+02:00	13.49206257	5.131660461	1.835971832	0.806153297	3.11453354
2018-06-12T11:28:31+02:00	13.4986639	5.148500443	1.836716652	0.782608986	3.236685012
2018-06-12T11:38:31+02:00	13.49610138	5.12868309	1.835227013	0.803023338	3.079003584
2018-06-12T11:48:31+02:00	13.49188423	5.134641647	1.814365387	0.801383972	3.227960495
2018-06-12T11:58:31+02:00	13.49331474	5.12614727	1.859962463	0.805109978	3.266828099
2018-06-12T12:08:31+02:00	13.49888706	5.097090721	1.841783524	0.795424461	3.250360482
2018-06-12T12:18:31+02:00	13.50243378	5.134492874	1.845807076	0.781715393	3.35945986
2018-06-12T12:28:31+02:00	13.50683022	5.12748909	1.863837242	0.775903702	3.232183373
2018-06-12T12:38:31+02:00	13.50545883	5.132705688	1.853853226	0.811517715	3.438779214
2018-06-12T12:48:31+02:00	13.49660778	5.146413803	1.837611198	0.773072243	3.604481454
2018-06-12T12:58:31+02:00	13.4871006	5.122869492	1.850276947	0.775010109	3.364823726
2018-06-12T13:08:31+02:00	13.4832859	5.131362915	1.856238365	0.782459259	3.432443483
2018-06-12T13:18:31+02:00	13.47622299	5.154759407	1.852662086	0.787228584	3.682340796
2018-06-12T13:28:31+02:00	13.46640301	5.173980713	1.863688469	0.791103363	3.366871408
2018-06-12T13:38:31+02:00	13.45537567	5.148649216	1.841187477	0.796169281	3.47334873
2018-06-12T13:48:31+02:00	13.44680786	5.123764038	1.850575447	0.793486595	3.498010793
2018-06-12T13:58:31+02:00	13.44269562	5.181432724	1.880675316	0.783949852	3.509326689
2018-06-12T14:08:31+02:00	13.44241238	5.121231079	1.879036903	0.792741776	3.709841318
2018-06-12T14:18:31+02:00	13.43958092	5.152673721	1.846551895	0.759959221	3.464942987
2018-06-12T14:28:31+02:00	13.43940163	5.140453339	1.872629166	0.797510147	3.700973074
2018-06-12T14:38:31+02:00	13.44281387	5.149244308	1.893639565	0.779628754	3.855196995
2018-06-12T14:48:31+02:00	13.45030975	5.168468475	1.882612228	0.761598587	3.494599032
2018-06-12T14:58:31+02:00	13.45609093	5.124211311	1.887381554	0.780820847	3.616759229
2018-06-12T15:08:31+02:00	13.45998001	5.137771606	1.903772354	0.795125961	3.712491767

2018-06-12T15:18:31+02:00	13.45866966	5.132109642	1.928508759	0.801980972	3.708870056
2018-06-12T15:28:31+02:00	13.45407963	5.123912811	1.900940895	0.803619385	4.156867397
2018-06-12T15:38:31+02:00	13.44825363	5.148798943	1.90541172	0.777989388	3.643312219
2018-06-12T15:48:31+02:00	13.44241238	5.134344101	1.910478592	0.768751144	3.896994782
2018-06-12T15:58:31+02:00	13.43786716	5.132108688	1.91390419	0.753998756	3.629502914
2018-06-12T16:08:31+02:00	13.43217468	5.124658585	1.928210258	0.786483765	3.681631131
2018-06-12T16:18:31+02:00	13.42451572	5.109161377	1.896619797	0.779628754	3.890114913
2018-06-12T16:28:31+02:00	13.41636467	5.112291336	1.91450119	0.77083683	3.744779649
2018-06-12T16:38:31+02:00	13.41085148	5.134941101	1.929700851	0.791549683	3.729204376
2018-06-12T16:48:31+02:00	13.40638065	5.128383636	1.911223412	0.770986557	3.988631843
2018-06-12T16:58:31+02:00	13.40492058	5.100667	1.927315712	0.777990341	4.001147677
2018-06-12T17:08:31+02:00	13.40480137	5.104541779	1.944899559	0.806152344	3.823016081
2018-06-12T17:18:31+02:00	13.40681267	5.094259262	1.973361015	0.766068459	4.15542525
2018-06-12T17:28:31+02:00	13.4118948	5.147904396	1.994818687	0.741481781	4.3675128
2018-06-12T17:38:31+02:00	13.41710949	5.318224907	1.052170753	0.779331207	9.64970752
2018-06-12T17:48:31+02:00	13.42220592	12.96818161	1.766532898	0.049471855	4.036343499
2018-06-12T17:58:31+02:00	13.42406845	10.44631004	1.784860611	0.140518188	4.063854152
2018-06-12T18:08:31+02:00	13.42552948	9.614973068	1.745373726	0.12621212	4.113068216
2018-06-12T18:18:31+02:00	13.42515659	12.66524124	1.751631737	0.138730049	4.283408217
2018-06-12T18:28:31+02:00	13.42426205	7.743984222	1.781881332	0.195949554	4.133365157
2018-06-12T18:38:31+02:00	13.42055225	5.492568016	1.792460442	0.261068344	4.02519042
2018-06-12T18:48:31+02:00	13.41573906	8.969455719	1.801401138	0.080764771	4.132335961
2018-06-12T18:58:31+02:00	13.41119385	6.465017319	1.795143127	0.165551186	4.245795711
2018-06-12T19:08:31+02:00	13.40593433	7.073729515	1.819133759	0.161081314	4.393356068
2018-06-12T19:18:31+02:00	13.40070343	6.335972786	1.80780983	0.135749817	4.217952302
2018-06-12T19:28:31+02:00	13.39481735	9.317995071	1.790970802	0.224411964	4.340904226
2018-06-12T19:38:31+02:00	13.38937855	5.230010033	1.808702469	0.732093811	4.224265286
2018-06-12T19:48:31+02:00	13.38505745	5.249082565	1.786351204	0.77292347	4.210776279
2018-06-12T19:58:31+02:00	13.38069153	5.220623016	1.804977417	0.813304901	4.337435787
2018-06-12T20:08:31+02:00	13.37920094	5.263536453	1.795142174	0.839829445	4.338804242
2018-06-12T20:18:31+02:00	13.37778568	5.277992249	1.839549065	0.800937653	4.385460104
2018-06-12T20:28:31+02:00	13.37607193	5.293487549	1.861006737	0.849217415	4.573231941
2018-06-12T20:38:31+02:00	13.37474632	5.306452751	1.875759125	0.830143929	4.329691829
2018-06-12T20:48:31+02:00	13.37297249	5.285591125	1.877843857	0.84370327	4.526071996
2018-06-12T20:58:31+02:00	13.37167645	5.337594986	1.878887177	0.822394371	4.82148706
2018-06-12T21:08:31+02:00	13.37164688	5.342512131	1.752376556	0.81583786	2.36948097
2018-06-12T21:18:31+02:00	13.36999226	5.532949448	0.394284248	0.444501877	27.06727279
2018-06-12T21:28:31+02:00	13.36771202	5.470811844	1.690983772	1.020730019	1.901515257
2018-06-12T21:38:31+02:00	13.36525345	5.445331573	1.718103409	1.024157524	1.84332948
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2018-06-12T21:58:31+02:00	13.36051559	5.484372139	1.756102562	1.012682915	2.811664411
2018-06-12T22:08:31+02:00	13.35758018	5.472600937	1.764148712	0.999569893	1.983886467
2018-06-12T22:18:31+02:00	13.35893536	5.464406013	1.750289917	0.992119789	1.939356773
2018-06-12T22:28:31+02:00	13.35263252	5.493612289	1.734196663	1.019090652	2.0019691
2018-06-12T22:38:31+02:00	13.34930992	5.45635891	1.731515884	0.959187508	2.062478638
2018-06-12T22:48:31+02:00	13.34528637	5.466788292	1.757293701	1.00538063	2.131829617
2018-06-12T22:58:31+02:00	13.34363174	5.451589584	1.759081841	1.017601013	2.101591064
2018-06-12T23:08:31+02:00	13.34025002	5.470216751	1.792460442	0.988692284	2.269389487
2018-06-12T23:18:31+02:00	13.33861065	5.476774216	1.804231644	1.029371262	2.303281734
2018-06-12T23:28:31+02:00	13.33707619	5.487800598	1.783519745	1.003444672	2.253480584

2018-06-12T23:38:31+02:00	13.33536243	5.461871147	1.798868179	1.019388199	2.50203382
2018-06-12T23:48:31+02:00	13.33329105	5.473196983	1.777112961	0.988692284	2.452681323
2018-06-12T23:58:31+02:00	13.33093643	5.477069855	1.791565895	1.001954079	2.278202641
2018-06-13T00:08:31+02:00	13.32756901	5.454122543	1.792162895	1.01715374	2.467534693
2018-06-13T00:18:31+02:00	13.3250351	5.452484131	1.790822029	1.018047333	2.318738871
2018-06-13T00:28:31+02:00	13.32163811	5.404650688	1.775772095	1.006424904	2.237997694
2018-06-13T00:38:31+02:00	13.3187027	5.409269333	1.81525898	1.007169724	2.186997626
2018-06-13T00:48:31+02:00	13.31540966	5.408823013	1.807659149	0.993311882	2.319494913
2018-06-13T00:58:31+02:00	13.31326389	5.913525581	1.780539513	1.031906128	2.331043623
2018-06-13T01:08:31+02:00	13.31248856	5.432368279	1.776814461	0.991374016	2.273316408
2018-06-13T01:18:31+02:00	13.31281662	5.396455765	1.792907715	1.037270546	2.423554841
2018-06-13T01:28:31+02:00	13.31493282	5.424022675	1.774430275	1.002698898	2.760070305
2018-06-13T01:38:31+02:00	13.31776428	5.400925636	1.793801308	1.025050163	2.423185622
2018-06-13T01:48:31+02:00	13.32025242	5.391836166	1.789628983	0.99033165	2.393107724
2018-06-13T01:58:31+02:00	13.3215189	5.348622322	1.791417122	0.977664948	2.423906098
2018-06-13T02:08:31+02:00	13.32817936	5.386620522	1.791418076	0.994802475	2.378727965
2018-06-13T02:18:31+02:00	13.32670403	5.356222153	1.740157127	1.015960693	2.372322541
2018-06-13T02:28:31+02:00	13.33226299	5.355327606	1.76981163	0.993310928	2.572344939
2018-06-13T02:38:31+02:00	13.33066845	5.369632721	1.814365387	0.991821289	2.501701681
2018-06-13T02:48:31+02:00	13.33284378	5.345493317	1.787542343	1.000314713	2.663398249
2018-06-13T02:58:31+02:00	13.33484077	5.348175049	1.773536682	1.011789322	2.524676792
2018-06-13T03:08:31+02:00	13.3363905	5.359799385	1.789182663	0.998376846	2.670210557
2018-06-13T03:18:31+02:00	13.33662891	5.333571434	1.778900146	0.9983778	2.489356544
2018-06-13T03:28:31+02:00	13.33844662	5.340724945	1.774430275	0.994354248	2.641520356
2018-06-13T03:38:31+02:00	13.33953476	5.327612877	1.794844627	0.973492622	2.621960101
2018-06-13T03:48:31+02:00	13.34075642	5.355626106	1.764743805	0.951886177	3.776064466
2018-06-13T03:58:31+02:00	13.34111404	5.525351524	1.764744759	0.949054718	2.55621951
2018-06-13T04:08:31+02:00	13.34038353	5.54695797	1.790822029	0.92625618	2.590009108
2018-06-13T04:18:31+02:00	13.34095001	5.507320404	1.787394524	0.928194046	2.867288921
2018-06-13T04:28:31+02:00	13.34054756	5.520879745	1.782773972	0.970065117	2.672173058
2018-06-13T04:38:31+02:00	13.34099483	5.508363724	1.769960403	0.93460083	2.758717565
2018-06-13T04:48:31+02:00	13.34106922	5.551129341	1.783370972	0.957696915	2.725447037
2018-06-13T04:58:31+02:00	13.34300613	5.493165016	1.79708004	0.935196877	2.799801533
2018-06-13T05:08:31+02:00	13.34379578	5.529821396	1.79603672	0.932067871	2.834856716
2018-06-13T05:18:31+02:00	13.34373665	5.508660316	1.807063103	0.926703453	3.008958721
2018-06-13T05:28:31+02:00	13.34331894	5.505531311	1.796186447	0.947713852	2.889879788
2018-06-13T05:38:31+02:00	13.34340858	5.507618904	1.792460442	0.923871994	2.93834267
2018-06-13T05:48:31+02:00	13.34275341	5.523710251	1.790970802	0.938773155	2.979326027
2018-06-13T05:58:31+02:00	13.34419823	5.498230934	1.807958603	0.941455841	2.994772164
2018-06-13T06:08:31+02:00	13.34531593	5.524902344	1.805573463	0.948756218	3.020248834
2018-06-13T06:18:31+02:00	13.34416866	5.525053024	1.799165726	0.921935081	2.955138415
2018-06-13T06:28:31+02:00	13.34399033	5.523711205	1.839996338	0.924170494	3.45776773
2018-06-13T06:38:31+02:00	13.34264851	5.415976524	1.756697655	0.847130775	3.459519642
2018-06-13T06:48:31+02:00	13.34336376	5.374998093	1.76981163	0.828504562	3.292269276
2018-06-13T06:58:31+02:00	13.34473515	5.369783401	1.748204231	0.869482994	3.281585536
2018-06-13T07:08:31+02:00	13.34455585	5.403607368	1.711249352	0.880807877	3.278105643
2018-06-13T07:18:31+02:00	13.34573364	5.398988724	1.75312233	0.871866226	3.231606153
2018-06-13T07:28:31+02:00	13.3482666	5.39958477	1.739859581	0.911653519	3.216333684
2018-06-13T07:38:31+02:00	13.34874344	5.416422844	1.729428291	0.876039505	3.20807486
2018-06-13T07:48:31+02:00	13.34893703	5.405545235	1.750141144	0.872314453	3.248239428

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2018-06-13T08:08:31+02:00	13.35257339	5.390792847	1.748502731	0.870227814	3.305391844
2018-06-13T08:18:31+02:00	13.35361576	5.409270287	1.766532898	0.866651535	3.483135031
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2018-06-13T08:38:31+02:00	13.36270523	5.386174202	1.751184464	0.923574448	3.662032425
2018-06-13T08:48:31+02:00	13.37117004	5.387516022	1.776367188	0.90643692	3.392947281
2018-06-13T08:58:31+02:00	13.37729359	5.367100716	1.754760742	0.911652565	3.441070399
2018-06-13T09:08:31+02:00	13.38705444	5.377679825	1.816003799	0.949800491	3.42758051
2018-06-13T09:18:31+02:00	13.39589024	5.339979172	1.799165726	0.93325901	3.627954673
2018-06-13T09:28:31+02:00	13.40530777	5.348772049	1.807807922	0.932663918	3.480636972
2018-06-13T09:38:31+02:00	13.41515732	5.361436844	1.813023567	0.931470871	3.69718247
2018-06-13T09:48:31+02:00	13.42637825	5.35607338	1.795888901	0.892430305	3.587523656
2018-06-13T09:58:31+02:00	13.43669033	5.365311623	1.807064056	0.955461502	3.510090821
2018-06-13T10:08:31+02:00	13.44723988	5.343258858	1.817495346	0.917762756	3.511340361
2018-06-13T10:18:31+02:00	13.4565382	5.395561218	1.842082024	0.923425674	3.736580413
2018-06-13T10:28:31+02:00	13.46756554	5.383044243	1.837908745	0.966042519	3.743509334
2018-06-13T10:38:31+02:00	13.47649097	5.418807983	1.801252365	0.906736374	3.643741722
2018-06-13T10:48:31+02:00	13.479352	5.362183571	1.820921898	0.900328636	3.655853869
2018-06-13T10:58:31+02:00	13.48806953	5.38259697	1.836567879	0.915527344	3.822286574
2018-06-13T11:08:31+02:00	13.49417877	5.401223183	1.809000969	0.91716671	3.829387106
2018-06-13T11:18:31+02:00	13.5014801	5.335956573	1.821070671	0.90807724	3.752847398
2018-06-13T11:28:31+02:00	13.49949837	5.328656197	1.829117775	0.870376587	4.17366738
2018-06-13T11:38:31+02:00	13.49779987	5.334466934	1.838504791	0.892727852	3.783331519
2018-06-13T11:48:31+02:00	13.49891758	5.416124344	1.867413521	0.889451027	4.848961109
2018-06-13T11:58:31+02:00	13.50368595	5.365163803	1.862049103	0.884681702	3.837741432
2018-06-13T12:08:31+02:00	13.50852871	5.400777817	1.870393753	0.905693054	3.976454184
2018-06-13T12:18:31+02:00	13.51809502	5.332081795	1.856683731	0.902711868	4.191724632
2018-06-13T12:28:31+02:00	13.52386189	5.335211754	1.842528343	0.891535759	4.148253072
2018-06-13T12:38:31+02:00	13.51691818	5.337596893	1.866668701	0.880509377	4.061908345
2018-06-13T12:48:31+02:00	13.50729179	5.361884117	1.877695084	0.88855648	4.139920149
2018-06-13T12:58:31+02:00	13.49599648	5.344301224	1.906602859	0.8729105	4.07006835
2018-06-13T13:08:31+02:00	13.48851585	5.346536636	1.884251595	0.870079041	4.168030104
2018-06-13T13:18:31+02:00	13.48319626	5.358756065	1.875162125	0.894515991	4.129976075
2018-06-13T13:28:31+02:00	13.47987366	5.337744713	1.880973816	0.872015953	4.138103285
2018-06-13T13:38:31+02:00	13.47637177	5.359799385	1.844764709	0.882894516	4.151979111
2018-06-13T13:48:31+02:00	13.47693825	5.335659027	1.847743988	0.877530098	4.058501206
2018-06-13T13:58:31+02:00	13.47586536	5.364715576	1.857579231	0.853837013	4.024031184
2018-06-13T14:08:31+02:00	13.47661018	5.31002903	1.855195045	0.872015953	4.191575014
2018-06-13T14:18:31+02:00	13.4892168	5.391389847	1.853108406	0.877975464	4.561703743
2018-06-13T14:28:31+02:00	13.49708462	5.323142052	1.869350433	0.880360603	4.081561141
2018-06-13T14:38:31+02:00	13.4968462	5.224198341	1.8873806	0.859648705	4.171119864
2018-06-13T14:48:31+02:00	13.50225544	5.303174973	1.865326881	0.88095665	4.334116696
2018-06-13T14:58:31+02:00	13.50304508	5.34623909	1.876354218	0.848025322	4.233653215
2018-06-13T15:08:31+02:00	13.51016808	5.302429199	1.895130157	0.870822906	4.224977563
2018-06-13T15:18:31+02:00	13.51186657	5.321056366	1.881568909	0.861288071	4.444699984
2018-06-13T15:28:31+02:00	13.51726055	5.348474503	1.899897575	0.839233398	4.295104423
2018-06-13T15:38:31+02:00	13.51208973	5.330293655	1.879781723	0.855177879	4.504974608
2018-06-13T15:48:31+02:00	13.50882626	5.362033844	1.902431488	0.835954666	4.340266308
2018-06-13T15:58:31+02:00	13.51545715	5.341619492	1.900493622	0.849664688	4.300035082
2018-06-13T16:08:31+02:00	13.51901913	5.312114716	1.871735573	0.859201431	4.477629743

2018-06-13T16:18:31+02:00	13.51556206	5.291848183	1.899897575	0.832528114	4.830419629
2018-06-13T16:28:31+02:00	13.51274586	5.309581757	1.879780769	0.83416748	4.53164735
2018-06-13T16:38:31+02:00	13.5079174	5.29125309	1.899898529	0.839233398	4.642268117
2018-06-13T16:48:31+02:00	13.50274658	5.271286011	1.910328865	0.831336021	4.750293085
2018-06-13T16:58:31+02:00	13.50453472	5.24699688	1.889169693	0.817029953	4.292837091
2018-06-13T17:08:31+02:00	13.50776863	5.431324959	1.891851425	0.873208046	4.252897056
2018-06-13T17:18:31+02:00	13.5084095	5.433856964	1.932829857	0.876337051	4.256213973
2018-06-13T17:28:31+02:00	13.50496674	5.416572571	1.906603813	0.852048874	4.394931946
2018-06-13T17:38:31+02:00	13.5006752	5.404799461	1.884102821	0.822991371	3.642117835
2018-06-13T17:48:31+02:00	13.4950428	5.471855164	1.888572693	0.773668289	3.607671993
2018-06-13T17:58:31+02:00	13.48738384	5.462468147	1.899748802	0.765621185	3.587355555
2018-06-13T18:08:31+02:00	13.48073769	5.466639519	1.914054871	0.79765892	3.673081981
2018-06-13T18:18:31+02:00	13.47458363	5.442052841	1.925081253	0.756830215	3.795325645
2018-06-13T18:28:31+02:00	13.46808624	5.435050964	1.893043518	0.811219215	4.025041444
2018-06-13T18:38:31+02:00	13.45996571	5.436687469	1.911073685	0.776648521	3.784377898
2018-06-13T18:48:31+02:00	13.45202351	5.484819412	1.921952248	0.796318054	3.770685193
2018-06-13T18:58:31+02:00	13.44332123	5.51849556	1.939236641	0.763685226	3.893779031
2018-06-13T19:08:31+02:00	13.43640709	5.51879406	1.967995644	0.737756729	3.857102767
2018-06-13T19:18:31+02:00	13.43053627	5.657970428	1.930295944	0.806302071	4.18973932
2018-06-13T19:28:31+02:00	13.422966	5.683450699	1.938492775	0.736564636	4.030112006
2018-06-13T19:38:31+02:00	13.41342926	5.701929092	1.945048332	0.74297142	3.990989048
2018-06-13T19:48:31+02:00	13.40481663	5.624145508	1.94340992	0.746994972	3.944358587
2018-06-13T19:58:31+02:00	13.39568233	5.626529694	1.950561523	0.748931885	3.996732317
2018-06-13T20:08:31+02:00	13.38711357	5.659013748	1.975745201	0.735818863	3.86872933
2018-06-13T20:18:31+02:00	13.38106346	5.632638931	2.018809319	0.731497765	3.751783083
2018-06-13T20:28:31+02:00	13.37461185	5.250275612	1.938491821	0.930727005	3.671365047
2018-06-13T20:38:31+02:00	13.36856174	5.284696579	1.952648163	0.894069672	3.825482081
2018-06-13T20:48:31+02:00	13.36319733	5.260705948	1.981407166	0.915527344	3.929266762
2018-06-13T20:58:31+02:00	13.35546398	5.275308609	1.972168922	0.916869164	4.115521787
2018-06-13T21:08:31+02:00	13.34790897	5.279929161	1.981854439	0.913143158	4.044933303
2018-06-13T21:18:31+02:00	13.34124756	5.263536453	1.978575706	0.879615784	4.039787027
2018-06-13T21:28:31+02:00	13.33430386	5.289613724	1.974105835	0.942349434	3.90213611
2018-06-13T21:38:31+02:00	13.32704735	5.348474503	1.997053146	0.966488838	4.035689103
2018-06-13T21:48:31+02:00	13.32005882	5.410611153	1.885443687	0.877530098	3.758600385
2018-06-13T21:58:31+02:00	13.31679535	5.420297623	1.735240936	0.831633568	3.550517299
2018-06-13T22:08:31+02:00	13.30617046	5.56439209	1.742542267	0.855922699	2.927690952
2018-06-13T22:18:31+02:00	13.29910755	5.530862808	1.727193832	0.881701469	2.941738584
2018-06-13T22:28:31+02:00	13.29252148	5.57139492	1.73300457	0.846087456	2.920269258
2018-06-13T22:38:31+02:00	13.2866354	5.578398705	1.729577065	0.848918915	2.869236484
2018-06-13T22:48:31+02:00	13.28115177	5.561559677	1.723766327	0.881999969	2.894257748
2018-06-13T22:58:31+02:00	13.27484894	5.545764923	1.756846428	0.844150543	2.918505585
2018-06-13T23:08:31+02:00	13.2686348	5.560517311	1.744031906	0.835209846	2.96423312
2018-06-13T23:18:31+02:00	13.26239109	5.630403519	2.061427116	0.866502762	5.017057381
2018-06-13T23:28:31+02:00	13.25763798	5.488544464	1.876950264	0.844896317	3.948753718
2018-06-13T23:38:31+02:00	13.25197506	5.489736557	1.917034149	0.831037521	3.98253403
2018-06-13T23:48:31+02:00	13.24756432	5.501955986	1.913756371	0.835508347	4.232922191
2018-06-13T23:58:31+02:00	13.24339199	5.528629303	1.928508759	0.823736191	4.101030521
2018-06-14T00:08:31+02:00	13.23913002	5.485116959	1.904666901	0.941157341	4.092924447
2018-06-14T00:18:31+02:00	13.2350626	5.396455765	1.924931526	0.939666748	3.591366163
2018-06-14T00:28:31+02:00	13.23089027	5.316585541	1.893937111	0.940710068	3.185385476

2018-06-14T00:38:31+02:00	13.22716522	5.322992325	1.911670685	0.938028336	3.260649511
2018-06-14T00:48:31+02:00	13.22446728	5.583465576	1.826584816	0.805556297	3.102880932
2018-06-14T00:58:31+02:00	13.22095108	5.523710251	1.814663887	0.817329407	3.090709518
2018-06-14T01:08:31+02:00	13.21776199	5.502403259	1.836270332	0.814348221	3.082607665
2018-06-14T01:18:31+02:00	13.21403694	5.481244087	1.86085701	0.831336021	3.122117003
2018-06-14T01:28:31+02:00	13.21178627	5.74320507	1.815110207	0.829845428	3.396207613
2018-06-14T01:38:31+02:00	13.20800209	5.736351013	1.762360573	0.827312469	2.762034465
2018-06-14T01:48:31+02:00	13.20508099	5.659461021	1.827775955	0.797510147	2.642685873
2018-06-14T01:58:31+02:00	13.20235443	5.683600426	1.832842827	0.994801521	2.411607682
2018-06-14T02:08:31+02:00	13.20090866	5.677938461	1.695007324	0.987648964	2.529131986
2018-06-14T02:18:31+02:00	13.19892693	5.679875374	1.718401909	0.991970062	2.264043104
2018-06-14T02:28:31+02:00	13.19666195	5.674511909	1.74134922	0.956505775	2.302175964
2018-06-14T02:38:31+02:00	13.19357777	5.629211426	1.73255825	0.961870193	2.502181911
2018-06-14T02:48:31+02:00	13.18925667	5.641878128	1.702010155	0.963807106	2.444406471
2018-06-14T02:58:31+02:00	13.18617153	5.619228363	1.720338821	0.972896576	2.763609233
2018-06-14T03:08:31+02:00	13.18204403	5.681365967	1.736730576	0.9439888	2.50826282
2018-06-14T03:18:31+02:00	13.1790638	5.676300049	1.722872734	0.923126221	2.367321263
2018-06-14T03:28:31+02:00	13.17852783	5.673915863	1.724363327	0.972002983	2.445237282
2018-06-14T03:38:31+02:00	13.17815495	5.633831978	1.729130745	0.940711021	2.333699831
2018-06-14T03:48:31+02:00	13.17864609	5.625636101	1.701563835	0.95307827	2.52297645
2018-06-14T03:58:31+02:00	13.17638206	5.624591827	1.753270149	0.936537743	2.588917586
2018-06-14T04:08:31+02:00	13.17521954	5.678832054	1.749396324	0.932216644	2.633544021
2018-06-14T04:18:31+02:00	13.17512989	5.512237549	1.775026321	0.976472855	2.800561668
2018-06-14T04:28:31+02:00	13.1747427	5.543679237	1.793057442	1.011938095	2.391945127
2018-06-14T04:38:31+02:00	13.1730442	5.482435226	1.883209229	1.004636765	2.112209313
2018-06-14T04:48:31+02:00	13.17018318	5.71638298	1.740901947	1.008659363	2.601460136
2018-06-14T04:58:31+02:00	13.167202	5.838424683	1.801997185	0.982134819	3.122470066
2018-06-14T05:08:31+02:00	13.16395378	5.605072021	1.764744759	0.97185421	2.571772047
2018-06-14T05:18:31+02:00	13.1587534	5.633533478	1.780540466	1.004934311	2.786327817
2018-06-14T05:28:31+02:00	13.15301704	5.606859207	1.747309685	1.009553909	2.659418644
2018-06-14T05:38:31+02:00	13.14786053	5.621761322	1.762955666	0.990777969	2.648035102
2018-06-14T05:48:31+02:00	13.14291382	5.588233948	1.73360157	1.003593445	2.559658275
2018-06-14T05:58:31+02:00	13.13780212	5.607307434	1.768022537	1.014619827	2.46542859
2018-06-14T06:08:31+02:00	13.1332283	5.593449593	1.74164772	0.987798691	2.642297366
2018-06-14T06:18:31+02:00	13.12816143	5.62846756	1.758635521	0.976920128	2.982649013
2018-06-14T06:28:31+02:00	13.12352753	5.589276314	1.755357742	0.972598076	2.488691406
2018-06-14T06:38:31+02:00	13.11947441	5.654245377	1.789181709	0.986009598	3.155298958
2018-06-14T06:48:31+02:00	13.11716461	5.635767937	1.757293701	0.977516174	2.688261641
2018-06-14T06:58:31+02:00	13.11558533	5.692392349	1.771450043	0.975579262	3.13423593
2018-06-14T07:08:31+02:00	13.11421394	5.642473221	1.790822029	0.971108437	2.973849392
2018-06-14T07:18:31+02:00	13.11527157	5.676447868	1.763701439	0.958889961	2.700186171
2018-06-14T07:28:31+02:00	13.11759663	5.676300049	1.792460442	0.982135773	2.805751317
2018-06-14T07:38:31+02:00	13.1211729	5.702526093	1.767276764	0.945031166	2.795093752
2018-06-14T07:48:31+02:00	13.12708855	5.640238762	1.773834229	0.97915554	2.652976631
2018-06-14T07:58:31+02:00	13.13465881	5.703269958	1.827179909	0.974983215	2.816743538
2018-06-14T08:08:31+02:00	13.14613247	5.628616333	1.759976387	1.022815704	2.304647203
2018-06-14T08:18:31+02:00	13.15937901	5.477965355	1.7622118	0.977218628	2.137333908
2018-06-14T08:28:31+02:00	13.17538357	5.483924866	1.763105392	0.978112221	2.190791729
2018-06-14T08:38:31+02:00	13.19228077	5.609244347	1.840292931	0.985712051	2.635819934
2018-06-14T08:48:31+02:00	13.21084785	5.623400688	1.83433342	0.978708267	2.852155878

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2018-06-14T09:08:31+02:00	13.24208069	5.788355827	1.85281086	0.950246811	2.636283271
2018-06-14T09:18:31+02:00	13.25964928	5.727708817	1.784563065	0.861287117	2.317779778
2018-06-14T09:28:31+02:00	13.27417755	5.708486557	1.810640335	0.892430305	2.390559953
2018-06-14T09:38:31+02:00	13.29115009	5.692541122	1.789927483	0.902564049	2.613819021
2018-06-14T09:48:31+02:00	13.30862904	5.69939518	1.791565895	0.905244827	2.489966337
2018-06-14T09:58:31+02:00	13.32610893	5.590320587	1.795143127	0.928193092	3.502317497
2018-06-14T10:08:31+02:00	13.3441391	5.691052437	1.835823059	0.96380806	2.688816692
2018-06-14T10:18:31+02:00	13.36142445	5.717874527	1.823307037	0.986159325	2.654031871
2018-06-14T10:28:31+02:00	13.3773241	5.646795273	1.91450119	0.998973846	2.921864331
2018-06-14T10:38:31+02:00	13.3927021	5.852878571	1.776367188	0.96246624	2.805454746
2018-06-14T10:48:31+02:00	13.40840721	5.834102631	1.72600174	0.973046303	2.081793569
2018-06-14T10:58:31+02:00	13.41669273	5.894452095	1.736730576	0.977963448	2.066856319
2018-06-14T11:08:31+02:00	13.4264679	5.889386177	1.734495163	0.946223259	2.24310237
2018-06-14T11:18:31+02:00	13.43409729	5.865841866	1.810937881	0.993609428	2.320011538
2018-06-14T11:28:31+02:00	13.44124985	5.875825882	1.815706253	0.957995415	2.628713795
2018-06-14T11:38:31+02:00	13.44262028	5.81666851	1.707077026	0.984668732	1.92808157
2018-06-14T11:48:31+02:00	13.44732952	5.855113029	1.693367004	0.9600811	1.898596633
2018-06-14T11:58:31+02:00	13.45230675	5.785375595	1.814515114	0.961125374	2.14589453
2018-06-14T12:08:31+02:00	13.46206665	5.939007759	1.879780769	0.923723221	2.300644812
2018-06-14T12:18:31+02:00	13.46968079	5.95301342	1.876056671	0.906140327	2.332906833
2018-06-14T12:28:31+02:00	13.47899437	5.920826912	1.873076439	0.945478439	2.416297875
2018-06-14T12:38:31+02:00	13.48395634	5.975215912	1.86011219	0.963807106	2.369849509
2018-06-14T12:48:31+02:00	13.49535561	5.987137794	1.873075485	0.923127174	2.545180183
2018-06-14T12:58:31+02:00	13.50250816	5.953312874	1.871138573	0.922829628	2.658252466
2018-06-14T13:08:31+02:00	13.50647163	5.956291199	1.882017136	0.931024551	2.516100134
2018-06-14T13:18:31+02:00	13.5062933	5.952119827	1.856983185	0.925660133	2.409133157
2018-06-14T13:28:31+02:00	13.50040722	5.941093445	1.877993584	0.892579079	2.500759206
2018-06-14T13:38:31+02:00	13.50152493	5.934686661	1.811236382	0.871271133	2.432087003
2018-06-14T13:48:31+02:00	13.50738144	5.944074631	1.831651688	0.882297516	2.515212413
2018-06-14T13:58:31+02:00	13.51016808	5.93662262	1.832694054	0.858902931	2.452792453
2018-06-14T14:08:31+02:00	13.51189613	5.948097229	1.829862595	0.863671303	2.592728256
2018-06-14T14:18:31+02:00	13.51787186	5.909950256	1.943261147	0.817775726	2.61622381
2018-06-14T14:28:31+02:00	13.51422119	6.002038956	1.822859764	0.887065887	2.092408871
2018-06-14T14:38:31+02:00	13.51420593	6.072967529	1.927912712	0.925660133	2.016270187
2018-06-14T14:48:31+02:00	13.50693417	6.079226494	1.811683655	0.944882393	2.285670323
2018-06-14T14:58:31+02:00	13.50878143	6.050168991	1.820773125	0.947117805	2.130172744
2018-06-14T15:08:31+02:00	13.50541401	6.03496933	1.830011368	0.928640366	1.985264776
2018-06-14T15:18:31+02:00	13.50721741	6.031394958	1.78903389	0.942498207	2.092335391
2018-06-14T15:28:31+02:00	13.509408	6.058812141	1.812428474	0.919103622	2.099106644
2018-06-14T15:38:31+02:00	13.50907993	6.045848846	1.796037674	0.930279732	2.267840948
2018-06-14T15:48:31+02:00	13.51010799	6.041526794	1.816749573	0.928790092	2.142433701
2018-06-14T15:58:31+02:00	13.51088333	6.045250893	1.831501961	0.907928467	2.11596387
2018-06-14T16:08:31+02:00	13.5134306	6.03526783	1.762956619	0.981538773	1.928981309
2018-06-14T16:18:31+02:00	13.51401234	6.017536163	1.785606384	0.95203495	2.27654303
2018-06-14T16:28:31+02:00	13.50490761	6.010829926	1.780093193	0.950246811	2.241904852
2018-06-14T16:38:31+02:00	13.50109291	6.014407158	1.811086655	0.922531128	2.210098625
2018-06-14T16:48:31+02:00	13.50444603	6.045550346	1.817495346	0.953674316	2.224194017
2018-06-14T16:58:31+02:00	13.50274658	6.04569912	1.817792892	0.938624382	2.343534692
2018-06-14T17:08:31+02:00	13.50627804	6.028862	1.803935051	0.924915314	2.160753676

2018-06-14T17:18:31+02:00	13.5091095	6.015301704	1.808255196	0.922381401	2.318111752
2018-06-14T17:28:31+02:00	13.51165771	6.017238617	1.806467056	0.921487808	2.244540546
2018-06-14T17:38:31+02:00	13.50581646	6.05374527	1.827478409	0.933706284	2.254161999
2018-06-14T17:48:31+02:00	13.50450516	6.005465508	1.795291901	0.929087639	2.225595093
2018-06-14T17:58:31+02:00	13.49572849	6.011128426	1.831353188	0.920742989	2.23057027
2018-06-14T18:08:31+02:00	13.48742867	6.00844574	1.81451416	0.95307827	7.01764381
2018-06-14T18:18:31+02:00	13.48414993	6.038546562	1.883953094	0.931919098	3.779464574
2018-06-14T18:28:31+02:00	13.47821999	6.038396835	1.851320267	0.911652565	3.129143244
2018-06-14T18:38:31+02:00	13.47325706	5.928278923	1.809000969	0.91686821	6.276221541
2018-06-14T18:48:31+02:00	13.46908474	5.922317505	1.79752636	0.906288147	2.218427194
2018-06-14T18:58:31+02:00	13.46457005	5.927384377	1.770704269	0.92625618	2.089115526
2018-06-14T19:08:31+02:00	13.46221542	5.936772346	1.775323868	0.92491436	2.070167159
2018-06-14T19:18:31+02:00	13.46036816	5.939603806	1.767575264	0.95277977	2.212033414
2018-06-14T19:28:31+02:00	13.45497322	5.906819344	1.779496193	0.918209076	2.336744361
2018-06-14T19:38:31+02:00	13.45104027	5.926341057	1.774728775	0.930278778	2.033992837
2018-06-14T19:48:31+02:00	13.44613743	5.90801239	1.786202431	0.93594265	2.057144459
2018-06-14T19:58:31+02:00	13.43995285	5.937814713	1.76846981	0.921935081	2.125552894
2018-06-14T20:08:31+02:00	13.43579578	5.91740036	1.817644119	0.923573494	2.391021676
2018-06-14T20:18:31+02:00	13.43275642	5.938709259	1.785606384	0.912249565	2.13352328
2018-06-14T20:28:31+02:00	13.42822647	5.897283554	1.787244797	0.932962418	2.143537965
2018-06-14T20:38:31+02:00	13.42387486	5.971640587	1.81481266	0.875591278	2.625661148
2018-06-14T20:48:31+02:00	13.41770554	5.863010406	1.838058472	0.955462456	2.675690581
2018-06-14T20:58:31+02:00	13.41129875	5.941838264	1.929403305	0.931919098	3.783629937
2018-06-14T21:08:31+02:00	13.40422058	5.891322136	1.800357819	0.909418106	2.210983
2018-06-14T21:18:31+02:00	13.39845371	5.975663185	1.739562035	0.946372986	2.157402086
2018-06-14T21:28:31+02:00	13.39264202	6.07222271	1.767127991	0.931470871	2.203318708
2018-06-14T21:38:31+02:00	13.38601112	6.041973114	1.748949051	0.924468994	1.868536643
2018-06-14T21:48:31+02:00	13.3798275	6.026179314	1.780986786	0.930130005	1.94253409
2018-06-14T21:58:31+02:00	13.37325573	6.013065338	1.807510376	0.947862625	2.064243903
2018-06-14T22:08:31+02:00	13.36772728	6.013215065	1.817643166	0.905395508	2.17911428
2018-06-14T22:18:31+02:00	13.36191559	6.027370453	1.801549911	0.921189308	2.036603832
2018-06-14T22:28:31+02:00	13.35653687	6.015151978	1.808703423	0.915825844	1.980358011
2018-06-14T22:38:31+02:00	13.35097885	6.030054092	1.811386108	0.90807724	1.993166275
2018-06-14T22:48:31+02:00	13.34476471	6.01843071	1.811981201	0.86218071	1.95634641
2018-06-14T22:58:31+02:00	13.33925152	6.011575699	1.809894562	0.89764595	1.947180405
2018-06-14T23:08:31+02:00	13.33481026	6.035565376	1.820325851	0.889598846	1.951772915
2018-06-14T23:18:31+02:00	13.3297739	6.034970284	1.802742004	0.89839077	2.129234523
2018-06-14T23:28:31+02:00	13.32590008	5.992203712	1.839846611	0.911951065	2.11857741
2018-06-14T23:38:31+02:00	13.32178688	6.004571915	1.839995384	0.924616814	2.145305383
2018-06-14T23:48:31+02:00	13.3185091	5.987882614	1.824050903	0.901520729	2.162999926
2018-06-14T23:58:31+02:00	13.31582642	5.997270584	1.827478409	0.908226013	2.105804945
2018-06-15T00:08:31+02:00	13.31332302	6.006508827	1.828075409	0.898391724	2.030958781
2018-06-15T00:18:31+02:00	13.31256294	6.024391174	1.83537674	0.874549866	2.133744298
2018-06-15T00:28:31+02:00	13.31244373	5.990862846	1.849830627	0.901222229	2.239951016
2018-06-15T00:38:31+02:00	13.31378555	5.97044754	1.837909698	0.902712822	2.359994409
2018-06-15T00:48:31+02:00	13.31525993	5.962848663	1.832395554	0.881999969	2.362209224
2018-06-15T00:58:31+02:00	13.31754017	6.170570374	1.821517944	0.914931297	2.105069091
2018-06-15T01:08:31+02:00	13.31970119	5.992204666	1.804531097	0.877231598	1.855766472
2018-06-15T01:18:31+02:00	13.32145882	6.02677536	1.795440674	0.875741005	1.899991789
2018-06-15T01:28:31+02:00	13.32227898	6.030500412	1.798570633	0.897794724	1.884445846

2018-06-15T01:38:31+02:00	13.32421589	6.123781204	1.799761772	0.886618614	1.881619475
2018-06-15T01:48:31+02:00	13.32525921	6.130636215	1.735091209	0.874401093	1.783208744
2018-06-15T01:58:31+02:00	13.32585526	6.144643784	1.78724575	0.882595062	1.809366866
2018-06-15T02:08:31+02:00	13.32680893	6.129295349	1.766979218	0.874996185	1.748559387
2018-06-15T02:18:31+02:00	13.32651043	6.090402603	1.787989616	0.874251366	1.85083163
2018-06-15T02:28:31+02:00	13.32703209	6.125271797	1.784264565	0.886321068	1.901863939
2018-06-15T02:38:31+02:00	13.32685375	6.149560928	1.779497147	0.912100792	1.717332061
2018-06-15T02:48:31+02:00	13.32719612	6.139279366	1.788585663	0.900775909	1.830014239
2018-06-15T02:58:31+02:00	13.32668972	6.130636215	1.809894562	0.895560265	1.810559034
2018-06-15T03:08:31+02:00	13.32569122	6.127953529	1.798273087	0.916570663	1.735609107
2018-06-15T03:18:31+02:00	13.32315826	6.128549576	1.807064056	0.890642166	1.822092131
2018-06-15T03:28:31+02:00	13.32119083	6.09829998	1.81421566	0.906289101	1.849841694
2018-06-15T03:38:31+02:00	13.31940269	6.140471458	1.782923698	0.890047073	1.669702574
2018-06-15T03:48:31+02:00	13.31695938	6.116479874	1.821666718	0.897049904	2.108951948
2018-06-15T03:58:31+02:00	13.31585693	6.116480827	1.800209999	0.886917114	1.731396324
2018-06-15T04:08:31+02:00	13.31426239	6.115139008	1.720637321	0.949800491	1.638730211
2018-06-15T04:18:31+02:00	13.31353188	6.133316994	1.747458458	0.952482224	1.74692881
2018-06-15T04:28:31+02:00	13.31293583	6.105602264	1.77130127	0.962763786	1.687125792
2018-06-15T04:38:31+02:00	13.31171417	6.086825371	1.740455627	0.926553726	1.87517878
2018-06-15T04:48:31+02:00	13.31162453	5.985647202	1.745521545	0.961571693	2.068438028
2018-06-15T04:58:31+02:00	13.31105804	6.025434494	1.746714592	0.955760956	1.964172178
2018-06-15T05:08:31+02:00	13.30949402	6.002932549	1.74134922	0.921785355	1.891677146
2018-06-15T05:18:31+02:00	13.30947876	6.002635002	1.754313469	0.949799538	1.922591227
2018-06-15T05:28:31+02:00	13.30772018	6.031842232	1.772939682	0.981987	2.451628662
2018-06-15T05:38:31+02:00	13.30646896	6.08086586	1.757740974	0.956654549	1.853381665
2018-06-15T05:48:31+02:00	13.3067522	6.057023048	1.754611015	0.931471825	1.918110864
2018-06-15T05:58:31+02:00	13.30627537	6.154031754	1.811236382	0.943094254	2.116442094
2018-06-15T06:08:31+02:00	13.30634975	6.162971497	1.808852196	0.949799538	2.24595987
2018-06-15T06:18:31+02:00	13.30573845	6.325392723	1.814961433	0.938773155	2.080670793
2018-06-15T06:28:31+02:00	13.30581284	6.187261581	1.826583862	0.934004784	2.088011964
2018-06-15T06:38:31+02:00	13.30637932	6.173549652	1.835823059	0.937729836	2.37324581
2018-06-15T06:48:31+02:00	13.30670738	6.197839737	1.850277901	0.928341866	2.481965057
2018-06-15T06:58:31+02:00	13.30803299	6.224215508	1.84312439	0.930577278	2.083099568
2018-06-15T07:08:31+02:00	13.30885315	6.172359467	1.866071701	0.9439888	2.119754871
2018-06-15T07:18:31+02:00	13.31065559	6.159244537	1.837759972	0.917762756	2.211738617
2018-06-15T07:28:31+02:00	13.31247425	6.164013863	1.839846611	0.948459625	2.066212154
2018-06-15T07:38:31+02:00	13.31557369	6.14494133	1.838504791	0.923723221	2.135253735
2018-06-15T07:48:31+02:00	13.31868744	6.158351898	1.845062256	0.938773155	2.077800813
2018-06-15T07:58:31+02:00	13.32239819	6.124378204	1.852661133	0.925362587	2.159114634
2018-06-15T08:08:31+02:00	13.32606411	6.124228477	1.839101791	0.952035904	2.091138996
2018-06-15T08:18:31+02:00	13.33111572	6.179361343	1.868009567	0.931471825	2.19795787
2018-06-15T08:28:31+02:00	13.33613682	6.17280674	1.8332901	0.972002983	2.153461894
2018-06-15T08:38:31+02:00	13.34117317	6.139874458	1.844167709	0.928341866	2.119405259
2018-06-15T08:48:31+02:00	13.34771538	6.141512871	1.836270332	0.942199707	2.41661176
2018-06-15T08:58:31+02:00	13.35306454	6.235391617	1.840441704	0.90777874	2.185413261
2018-06-15T09:08:31+02:00	13.35754967	6.213336945	1.818239212	0.886470795	2.15302023
2018-06-15T09:18:31+02:00	13.36100674	6.190835953	1.827776909	0.916272163	2.287071879
2018-06-15T09:28:31+02:00	13.36406136	6.167738914	1.828521729	0.938325882	2.124062004
2018-06-15T09:38:31+02:00	13.36534309	6.193071365	1.825690269	0.931918144	2.278202641
2018-06-15T09:48:31+02:00	13.364851	6.177277565	1.81525898	0.933706284	2.236652097

2018-06-15T09:58:31+02:00	13.36447906	6.167888641	1.82360363	0.938325882	2.185524072
2018-06-15T10:08:31+02:00	13.36348057	6.173252106	1.84312439	1.034736633	2.220085265
2018-06-15T10:18:31+02:00	13.36429977	6.1534338	1.843720436	1.037120819	2.304573074
2018-06-15T10:28:31+02:00	13.36614799	6.130784988	1.846999168	1.028179169	2.13247428
2018-06-15T10:38:31+02:00	13.36491108	6.127207756	1.833587646	1.041293144	2.166333346
2018-06-15T10:48:31+02:00	13.36197567	6.15268898	1.84163475	1.044868469	2.17154469
2018-06-15T10:58:31+02:00	13.35930824	6.148069382	1.86785984	0.993013382	2.086190153
2018-06-15T11:08:31+02:00	13.36054516	6.156267166	1.85176754	1.01611042	2.1180252
2018-06-15T11:18:31+02:00	13.36373425	6.14538765	1.90541172	0.982582092	2.154990058
2018-06-15T11:28:31+02:00	13.37195969	6.12720871	1.865625381	1.021027565	2.237076251
2018-06-15T11:38:31+02:00	13.37955856	6.143598557	1.889764786	1.049041748	2.248632015
2018-06-15T11:48:31+02:00	13.39134598	6.135105133	1.901239395	1.00851059	2.32635766
2018-06-15T11:58:31+02:00	13.40804958	6.100982666	1.964717865	1.027732849	2.903737978
2018-06-15T12:08:31+02:00	13.41773605	6.154328346	1.916736603	0.98869133	2.46014485
2018-06-15T12:18:31+02:00	13.4260807	6.147921562	1.931488037	1.003592491	2.442817689
2018-06-15T12:28:31+02:00	13.43688393	6.148218155	1.909732819	1.013577461	2.403372748
2018-06-15T12:38:31+02:00	13.44411087	6.136595726	1.900047302	1.00851059	2.421523441
2018-06-15T12:48:31+02:00	13.45381165	6.127655029	1.843720436	0.984519958	4.054328511
2018-06-15T12:58:31+02:00	13.47187138	6.359815598	1.702159882	0.987350464	1.512151665
2018-06-15T13:08:31+02:00	13.48140812	6.30766201	1.742541313	0.98019886	1.998991747
2018-06-15T13:18:31+02:00	13.48736858	6.251036644	1.716166496	1.002997398	1.790375007
2018-06-15T13:28:31+02:00	13.4864006	6.224661827	1.756846428	0.990629196	1.55177811
2018-06-15T13:38:31+02:00	13.48414993	6.257890701	1.706629753	0.988394737	1.495906583
2018-06-15T13:48:31+02:00	13.49197292	6.26131916	1.741200447	0.972450256	1.526429156
2018-06-15T13:58:31+02:00	13.50209141	6.236582756	1.753568649	0.986605644	1.44400418
2018-06-15T14:08:31+02:00	13.51647091	6.231515884	1.711398125	0.988096237	1.854556213
2018-06-15T14:18:31+02:00	13.52433872	6.251781464	1.734792709	0.993162155	1.589400229
2018-06-15T14:28:31+02:00	13.52538204	6.305724144	1.748055458	0.984817505	1.526794233
2018-06-15T14:38:31+02:00	13.53500748	6.292909622	1.732110977	1.001506805	1.643522778
2018-06-15T14:48:31+02:00	13.52778053	6.266533852	1.731663704	0.984370232	1.690456416
2018-06-15T14:58:31+02:00	13.51827431	6.314813614	1.731962204	1.012384415	1.524603337
2018-06-15T15:08:31+02:00	13.52116489	6.303787231	1.754164696	0.981688499	1.686667539
2018-06-15T15:18:31+02:00	13.51390743	6.288588524	1.73270607	0.980793953	1.626641418
2018-06-15T15:28:31+02:00	13.51088333	6.28098774	1.731216431	0.969171524	1.53671005
2018-06-15T15:38:31+02:00	13.51694775	6.306917191	1.726299286	0.99703598	1.592343353
2018-06-15T15:48:31+02:00	13.52638054	6.298124313	1.76921463	0.976920128	1.634358897
2018-06-15T15:58:31+02:00	13.53481388	6.278753281	1.746118546	0.974983215	1.644253749
2018-06-15T16:08:31+02:00	13.53581238	6.264298439	1.776814461	0.954568863	1.739125809
2018-06-15T16:18:31+02:00	13.53013515	6.314813614	1.768320084	0.980049133	1.759918168
2018-06-15T16:28:31+02:00	13.52024078	6.290822983	1.798569679	0.979005814	1.821487033
2018-06-15T16:38:31+02:00	13.51137447	6.196200371	1.795143127	0.950694084	2.122478786
2018-06-15T16:48:31+02:00	13.50304508	6.223321915	1.79782486	0.96321106	1.684874383
2018-06-15T16:58:31+02:00	13.50150967	6.176382065	1.774580002	0.977367401	1.797047346
2018-06-15T17:08:31+02:00	13.50405788	6.246716499	1.780539513	0.972747803	1.851492377
2018-06-15T17:18:31+02:00	13.50982475	6.518214226	1.793206215	0.974983215	1.789715267
2018-06-15T17:28:31+02:00	13.51589012	6.212592125	1.7783041	0.974834442	1.893714022
2018-06-15T17:38:31+02:00	13.51426506	6.24492836	1.784563065	0.966638565	1.792666312
2018-06-15T17:48:31+02:00	13.50899029	6.195604324	1.811682701	0.946670532	1.786196128
2018-06-15T17:58:31+02:00	13.50000477	6.179213524	1.850575447	0.965147972	1.971649249
2018-06-15T18:08:31+02:00	13.48787498	6.200819969	1.770109177	0.976026535	3.182929913

2018-06-15T18:18:31+02:00	13.47742939	6.231515884	1.763552666	0.963955879	1.750831095
2018-06-15T18:28:31+02:00	13.46799755	6.286204338	1.749545097	0.988096237	1.7770692
2018-06-15T18:38:31+02:00	13.46205139	6.263553619	1.835078239	0.996143341	5.671498149
2018-06-15T18:48:31+02:00	13.45738792	6.281435013	1.828372955	0.979453087	1.868609919
2018-06-15T18:58:31+02:00	13.45448208	6.269067764	1.871138573	1.036524773	2.00775944
2018-06-15T19:08:31+02:00	13.45035458	6.296784401	1.876800537	1.004635811	1.901111126
2018-06-15T19:18:31+02:00	13.44676304	6.266534805	1.82494545	0.989585876	1.861087235
2018-06-15T19:28:31+02:00	13.44189072	6.345808983	1.850575447	0.988394737	1.809366866
2018-06-15T19:38:31+02:00	13.43873119	6.29797554	1.87054348	0.983625412	1.856206998
2018-06-15T19:48:31+02:00	13.43606377	6.296336174	1.845211029	0.986605644	2.089097157
2018-06-15T19:58:31+02:00	13.43280029	6.24433136	1.862049103	1.00702095	2.150092674
2018-06-15T20:08:31+02:00	13.4295969	6.251484871	1.854300499	0.98973465	1.950542358
2018-06-15T20:18:31+02:00	13.42742157	6.24358654	1.84282589	0.978708267	1.884611222
2018-06-15T20:28:31+02:00	13.42380047	6.242544174	1.847743988	1.008360863	1.999286278
2018-06-15T20:38:31+02:00	13.42147636	6.235987663	1.850276947	0.972300529	1.853473243
2018-06-15T20:48:31+02:00	13.41886806	6.220788956	1.881272316	0.986308098	1.942129749
2018-06-15T20:58:31+02:00	13.41633511	6.237775803	1.892894745	1.013875008	1.938897911
2018-06-15T21:08:31+02:00	13.41509819	6.272792816	1.898109436	0.986903191	1.943819534
2018-06-15T21:18:31+02:00	13.41086578	6.228835106	1.893192291	0.96321106	2.004230417
2018-06-15T21:28:31+02:00	13.40982342	6.20946312	1.889764786	0.968277931	1.922076997
2018-06-15T21:38:31+02:00	13.405159	6.186813354	1.855938911	0.969618797	1.93359063
2018-06-15T21:48:31+02:00	13.40267086	6.209314346	1.873671532	0.959634781	2.074563607
2018-06-15T21:58:31+02:00	13.39879608	6.19724369	1.85117054	0.978260994	1.911832111
2018-06-15T22:08:31+02:00	13.39581585	6.210208893	1.89632225	0.967680931	2.117067794
2018-06-15T22:18:31+02:00	13.39231396	6.208568573	1.867413521	0.98019886	2.144348145
2018-06-15T22:28:31+02:00	13.39001942	6.191730499	1.876951218	0.979602814	1.944223884
2018-06-15T22:38:31+02:00	13.38680077	6.188154221	1.868307114	0.977814674	1.936087909
2018-06-15T22:48:31+02:00	13.38307571	6.210506439	1.880526543	0.975281715	1.961710701
2018-06-15T22:58:31+02:00	13.38057232	6.227194786	1.865326881	0.971108437	2.009340492
2018-06-15T23:08:31+02:00	13.3785162	6.192625046	1.862645149	0.953227997	2.045577021
2018-06-15T23:18:31+02:00	13.37498474	6.221830368	1.865179062	0.971704483	1.96294096
2018-06-15T23:28:31+02:00	13.37322617	6.227790833	1.867115974	0.958144188	2.046809016
2018-06-15T23:38:31+02:00	13.37185478	6.198883057	1.882314682	0.991225243	2.053484795
2018-06-15T23:48:31+02:00	13.36932182	6.206035614	1.884698868	0.923723221	2.142414849
2018-06-15T23:58:31+02:00	13.36701202	6.196797371	1.876651764	0.98094368	1.993919959
2018-06-16T00:08:31+02:00	13.36588001	6.198287964	1.871884346	0.958741188	2.001418131
2018-06-16T00:18:31+02:00	13.36395741	6.193817139	1.839399338	0.948905945	2.005811401
2018-06-16T00:28:31+02:00	13.36066437	6.191282272	1.878142357	0.959933281	2.052731036
2018-06-16T00:38:31+02:00	13.35774326	6.204248428	1.868009567	0.93325901	2.076770865
2018-06-16T00:48:31+02:00	13.35468864	6.228834152	1.8873806	0.972002983	2.040299471
2018-06-16T00:58:31+02:00	13.35175323	6.195158005	1.860559464	0.967234612	2.067021599
2018-06-16T01:08:31+02:00	13.3476553	6.206781387	1.864582062	0.991671562	2.091286896
2018-06-16T01:18:31+02:00	13.34390068	6.246269226	1.865625381	0.941604614	2.053043179
2018-06-16T01:28:31+02:00	13.34068203	6.214677811	1.882314682	0.948757172	2.142929982
2018-06-16T01:38:31+02:00	13.33719444	6.228238106	1.857131958	0.935792923	2.146281013
2018-06-16T01:48:31+02:00	13.33546638	6.194263458	1.884102821	0.945329666	2.104056713
2018-06-16T01:58:31+02:00	13.33345509	6.21721077	1.898258209	0.956207275	2.527301896
2018-06-16T02:08:31+02:00	13.33305264	6.213485718	1.923293114	0.932514191	2.041035229
2018-06-16T02:18:31+02:00	13.3336935	6.206781387	1.873522758	0.943094254	2.125994888
2018-06-16T02:28:31+02:00	13.33430386	6.202160835	1.919120789	0.958145142	2.252650528

2018-06-16T02:38:31+02:00	13.33476639	6.199776649	1.922399521	0.936389923	2.135714159
2018-06-16T02:48:31+02:00	13.33546638	6.227791786	1.910776138	0.948161125	2.15616896
2018-06-16T02:58:31+02:00	13.33728409	6.17176342	1.894533157	0.943839073	2.139082819
2018-06-16T03:08:31+02:00	13.33834267	6.221532822	1.908540726	0.949353218	2.141181464
2018-06-16T03:18:31+02:00	13.33966827	6.169974327	1.911968231	0.93400383	2.263176612
2018-06-16T03:28:31+02:00	13.34117317	6.241052628	1.936852455	0.946074486	2.187752567
2018-06-16T03:38:31+02:00	13.34278297	6.203651428	1.910179138	0.949054718	2.144237387
2018-06-16T03:48:31+02:00	13.34354305	6.231964111	1.91345787	0.910311699	2.121522273
2018-06-16T03:58:31+02:00	13.34559917	6.221384048	1.924186707	0.90852356	2.334456467
2018-06-16T04:08:31+02:00	13.345644	6.240458488	1.928955078	0.927894592	2.117675595
2018-06-16T04:18:31+02:00	13.34616566	6.259233475	1.922249794	0.936090469	2.224415263
2018-06-16T04:28:31+02:00	13.34735775	6.258189201	1.924186707	0.926702499	2.209379811
2018-06-16T04:38:31+02:00	13.34807301	6.267428398	1.95220089	0.918806076	2.169850286
2018-06-16T04:48:31+02:00	13.34862423	6.262213707	1.941770554	0.93355751	2.355380692
2018-06-16T04:58:31+02:00	13.3484602	6.28098774	1.917034149	0.905245781	2.239472118
2018-06-16T05:08:31+02:00	13.34944344	6.266236305	1.916140556	0.934898376	2.208109167
2018-06-16T05:18:31+02:00	13.34831142	6.270855904	1.93372345	0.92416954	2.241240987
2018-06-16T05:28:31+02:00	13.34850502	6.269216537	1.920461655	0.907481194	2.316303616
2018-06-16T05:38:31+02:00	13.34863853	6.270856857	1.930445671	0.9272995	2.314256578
2018-06-16T05:48:31+02:00	13.34847546	6.255954742	2.332925797	0.931620598	3.507425208
2018-06-16T05:58:31+02:00	13.34799862	6.299613953	1.949220657	0.952035904	2.628418191
2018-06-16T06:08:31+02:00	13.3482666	6.30006218	1.983493805	0.934004784	2.723705926
2018-06-16T06:18:31+02:00	13.34852028	6.29052639	1.888126373	0.941008568	2.154382466
2018-06-16T06:28:31+02:00	13.34686565	6.239115715	1.855939865	0.95233345	2.064483104
2018-06-16T06:38:31+02:00	13.34741688	6.28158474	1.860708237	0.942796707	2.258420492
2018-06-16T06:48:31+02:00	13.34579277	6.284862518	1.886189461	0.946224213	2.043922308
2018-06-16T06:58:31+02:00	13.34610558	6.301551819	1.878292084	0.938772202	2.101738511
2018-06-16T07:08:31+02:00	13.34574795	6.288887024	1.873970032	0.94264698	2.33827611
2018-06-16T07:18:31+02:00	13.34547997	6.265937805	1.861453056	0.941306114	2.236560096
2018-06-16T07:28:31+02:00	13.34643364	6.280691147	1.886189461	0.940859795	2.091360375
2018-06-16T07:38:31+02:00	13.34658241	6.303788185	1.861006737	0.92655468	2.096365105
2018-06-16T07:48:31+02:00	13.34904099	6.314069748	1.892447472	0.937283516	2.111969977
2018-06-16T07:58:31+02:00	13.35506153	6.357728958	1.893490791	0.918656349	2.317336832
2018-06-16T08:08:31+02:00	13.35629845	6.287694931	1.900345802	0.929533958	2.191363263
2018-06-16T08:18:31+02:00	13.35948753	6.270259857	1.867413521	0.954419136	2.074250913
2018-06-16T08:28:31+02:00	13.36418056	6.289779663	1.896172523	0.96172142	2.221743367
2018-06-16T08:38:31+02:00	13.36523914	6.298571587	1.884400368	0.922828674	2.44817473
2018-06-16T08:48:31+02:00	13.37201881	6.30632019	1.887827873	0.919401169	2.11981047
2018-06-16T08:58:31+02:00	13.38155556	6.280243874	1.892447472	0.936388016	2.194604858
2018-06-16T09:08:31+02:00	13.3762064	6.256402969	1.46254921	0.915676117	5.468307712
2018-06-16T09:18:31+02:00	13.38060188	6.378889084	1.850725174	0.964403152	1.328918979
2018-06-16T09:28:31+02:00	13.38472939	6.371438026	1.894384384	0.937581062	2.273021411
2018-06-16T09:38:31+02:00	13.38861847	6.355792999	1.900196075	0.954271317	2.042929025
2018-06-16T09:48:31+02:00	13.39431095	6.353259087	1.902430534	0.936240196	2.13716802
2018-06-16T09:58:31+02:00	13.39785767	6.357430458	1.885593414	0.943840027	1.824897518
2018-06-16T10:08:31+02:00	13.40268517	6.326289177	1.882016182	0.931323051	1.860298185
2018-06-16T10:18:31+02:00	13.41085148	6.369203568	1.921952248	0.925362587	1.873985595
2018-06-16T10:28:31+02:00	13.4162159	6.348789215	1.908689499	0.948905945	1.849236375
2018-06-16T10:38:31+02:00	13.42064095	6.366670609	1.890360832	0.93460083	1.864517818
2018-06-16T10:48:31+02:00	13.42667675	6.450564384	1.900792122	0.962913513	1.917817572

2018-06-16T10:58:31+02:00	13.42970085	6.400644302	1.900940895	0.949800491	2.05948074
2018-06-16T11:08:31+02:00	13.43038654	6.3338871	1.900494576	0.953972816	1.866976247
2018-06-16T11:18:31+02:00	13.43336678	6.342530251	1.886487961	0.977217674	1.881564978
2018-06-16T11:28:31+02:00	13.43826962	6.37143898	1.913010597	0.931173325	1.943985035
2018-06-16T11:38:31+02:00	13.44522858	6.34387207	1.913309097	0.925510406	1.992247938
2018-06-16T11:48:31+02:00	13.45165062	6.349235535	1.925974846	0.932961464	1.902726723
2018-06-16T11:58:31+02:00	13.45820713	6.344169617	1.939833641	0.932067871	2.03004002
2018-06-16T12:08:31+02:00	13.46808624	6.385446548	1.910030365	0.945925713	2.016821256
2018-06-16T12:18:31+02:00	13.47608852	6.358026505	1.91315937	0.91716671	2.263453171
2018-06-16T12:28:31+02:00	13.48577404	6.374120712	1.935511589	0.932663918	1.948392572
2018-06-16T12:38:31+02:00	13.49701023	6.34461689	1.489668846	0.974387169	1.489007946
2018-06-16T12:48:31+02:00	13.50675488	6.478279114	1.699477196	1.035481453	0.887874952
2018-06-16T12:58:31+02:00	13.5107336	6.43655777	1.699029922	0.999569893	0.889029695
2018-06-16T13:08:31+02:00	13.51937675	6.451010704	1.716166496	0.990330696	0.86432792
2018-06-16T13:18:31+02:00	13.52220726	6.466060638	1.713484764	1.016557693	1.123369353
2018-06-16T13:28:31+02:00	13.5165453	6.47112751	1.700371742	1.031756401	0.969692214
2018-06-16T13:38:31+02:00	13.51018238	6.457269669	1.699029922	1.01581192	0.959555867
2018-06-16T13:48:31+02:00	13.50456429	6.457419395	1.705884933	1.026689529	0.961416996
2018-06-16T13:58:31+02:00	13.50365543	6.442813873	1.719742775	1.017004013	0.999988922
2018-06-16T14:08:31+02:00	13.5047884	6.4435606	1.711248398	0.993460655	1.080129642
2018-06-16T14:18:31+02:00	13.50070572	6.459206581	1.716018677	1.020878792	0.992394406
2018-06-16T14:28:31+02:00	13.49912548	6.446391106	1.692325592	1.025497437	1.18327107
2018-06-16T14:38:31+02:00	13.50100327	6.473958969	1.703202248	1.02728653	1.527068158
2018-06-16T14:48:31+02:00	13.49958801	6.472318649	1.709610939	1.025795937	1.02241705
2018-06-16T14:58:31+02:00	13.49945354	6.448477745	1.736432076	1.010746002	1.109447257
2018-06-16T15:08:31+02:00	13.50150967	6.50003624	1.696050644	0.970363617	1.015578667
2018-06-16T15:18:31+02:00	13.50332832	6.476194382	1.691579819	1.003443718	1.121991819
2018-06-16T15:28:31+02:00	13.50677013	6.467252731	1.709013939	0.993459702	1.024244682
2018-06-16T15:38:31+02:00	13.50524998	6.499588013	1.7075243	0.987797737	1.022851025
2018-06-16T15:48:31+02:00	13.50557804	6.468147278	1.709312439	0.995100021	1.071906679
2018-06-16T15:58:31+02:00	13.50380516	6.476938248	1.720040321	1.016706467	1.056605671
2018-06-16T16:08:31+02:00	13.50718689	6.475299835	1.735388756	1.011192322	1.130712518
2018-06-16T16:18:31+02:00	13.50742531	6.47038269	1.720041275	0.985860825	1.123587033
2018-06-16T16:28:31+02:00	13.50897598	6.478727341	1.750885963	0.970809937	1.265654225
2018-06-16T16:38:31+02:00	13.50715733	6.456523895	1.760273933	1.006126404	1.24925819
2018-06-16T16:48:31+02:00	13.50724697	6.455183029	1.740157127	0.979453087	1.312705078
2018-06-16T16:58:31+02:00	13.50493717	6.4815588	1.756697655	0.998526573	1.969757105
2018-06-16T17:08:31+02:00	13.50538445	6.462335587	1.732855797	0.992566109	1.17851617
2018-06-16T17:18:31+02:00	13.50806618	6.449371338	1.7236166	0.983179092	1.164905354
2018-06-16T17:28:31+02:00	13.51100159	6.47217083	1.766979218	0.977814674	1.20836312
2018-06-16T17:38:31+02:00	13.50992966	6.464421272	1.707673073	0.986904144	1.103484239
2018-06-16T17:48:31+02:00	13.50432587	6.512254715	1.752973557	0.976919174	1.196651068
2018-06-16T17:58:31+02:00	13.50019836	6.475894928	1.738816261	0.995100021	1.285600842
2018-06-16T18:08:31+02:00	13.49177933	6.46173954	1.750439644	1.008659363	1.269017334
2018-06-16T18:18:31+02:00	13.48656464	6.46099472	1.751034737	0.983327866	1.233994113
2018-06-16T18:28:31+02:00	13.48389721	6.517620087	1.730770111	0.956207275	1.188300133
2018-06-16T18:38:31+02:00	13.47933674	6.469040871	1.725255966	0.987797737	1.210615183
2018-06-16T18:48:31+02:00	13.47620773	6.470381737	1.749843597	0.99003315	1.187682511
2018-06-16T18:58:31+02:00	13.47149944	6.467402458	1.740305901	0.965595245	1.304790815
2018-06-16T19:08:31+02:00	13.46983051	6.47053051	1.765340805	0.979006767	1.206928899

2018-06-16T19:18:31+02:00	13.46585178	6.507486343	1.762062073	0.97185421	1.285727944
2018-06-16T19:28:31+02:00	13.46074009	6.463377953	1.767724991	0.974535942	1.355425287
2018-06-16T19:38:31+02:00	13.45656776	6.495863914	1.756102562	0.98824501	1.370085477
2018-06-16T19:48:31+02:00	13.45282745	6.496907234	1.742541313	0.976175308	1.306955576
2018-06-16T19:58:31+02:00	13.44576454	6.46114254	1.749694824	0.940412521	1.52661146
2018-06-16T20:08:31+02:00	13.43894005	6.43625927	1.766085625	0.949353218	1.26778116
2018-06-16T20:18:31+02:00	13.43198109	6.464869499	1.763254166	0.975429535	1.333050991
2018-06-16T20:28:31+02:00	13.42487335	6.46144104	1.763552666	0.967234612	1.268508153
2018-06-16T20:38:31+02:00	13.41673756	6.470977783	1.738518715	0.987052917	1.378244668
2018-06-16T20:48:31+02:00	13.4090786	6.472320557	1.757591248	0.979602814	1.324223536
2018-06-16T20:58:31+02:00	13.4021492	6.479023933	1.754909515	0.968575478	1.340368474
2018-06-16T21:08:31+02:00	13.39481735	6.489456177	1.767873764	0.958889008	1.352147458
2018-06-16T21:18:31+02:00	13.38772488	6.481110573	1.731663704	0.960826874	1.485358037
2018-06-16T21:28:31+02:00	13.3803339	6.486923218	1.75312233	0.972896576	1.385040348
2018-06-16T21:38:31+02:00	13.37413502	6.449817657	1.7780056	0.944137573	1.353513197
2018-06-16T21:48:31+02:00	13.36559677	6.497055054	1.759529114	0.956654549	1.390268683
2018-06-16T21:58:31+02:00	13.35968113	6.481409073	1.793801308	0.968575478	1.416146116
2018-06-16T22:08:31+02:00	13.35252857	6.453395844	1.812726974	0.957996368	1.686851215
2018-06-16T22:18:31+02:00	13.34635925	6.46248436	1.804977417	0.969321251	1.531414194
2018-06-16T22:28:31+02:00	13.33892345	6.486028671	1.808107376	0.969320297	1.709294171
2018-06-16T22:38:31+02:00	13.33291817	6.453097343	1.816749573	0.956654549	1.739986724
2018-06-16T22:48:31+02:00	13.3282547	6.436705589	1.756846428	0.915229797	1.472986923
2018-06-16T22:58:31+02:00	13.32299423	6.4429636	1.766830444	0.926106453	1.508190128
2018-06-16T23:08:31+02:00	13.31773376	6.446839333	1.775026321	0.910758972	1.472786557
2018-06-16T23:18:31+02:00	13.31260777	6.470679283	1.766383171	0.938325882	1.471107997
2018-06-16T23:28:31+02:00	13.30953789	6.4265728	1.7619133	0.940710068	1.552125559
2018-06-16T23:38:31+02:00	13.30392075	6.436109543	1.773685455	0.939219475	1.472111672
2018-06-16T23:48:31+02:00	13.30058289	6.427913666	1.770555496	0.9439888	1.516843485
2018-06-16T23:58:31+02:00	13.29642487	6.442815781	1.771897316	0.920146942	1.48782134
2018-06-17T00:08:31+02:00	13.29267025	6.447584152	1.783370972	0.940711021	1.565699022
2018-06-17T00:18:31+02:00	13.29030132	6.445646286	1.75252533	0.930428505	1.530427814
2018-06-17T00:28:31+02:00	13.28718662	6.487965584	1.788585663	0.947416306	1.448872989
2018-06-17T00:38:31+02:00	13.28504086	6.450563431	1.794099808	0.934303284	1.495303869
2018-06-17T00:48:31+02:00	13.2825222	6.511061668	1.805127144	0.890790939	1.481945636
2018-06-17T00:58:31+02:00	13.28071976	6.512702942	1.796632767	0.886320114	1.751142499
2018-06-17T01:08:31+02:00	13.27775383	6.546826363	1.782178879	0.907927513	1.527634244
2018-06-17T01:18:31+02:00	13.2758913	6.527006149	1.797676086	0.914036751	1.677242154
2018-06-17T01:28:31+02:00	13.27204704	6.517022133	1.871734619	0.902116776	1.742495908
2018-06-17T01:38:31+02:00	13.27060127	6.544589996	1.785605431	0.922232628	1.590771175
2018-06-17T01:48:31+02:00	13.26850033	6.59733963	1.93327713	0.901072502	2.562783752
2018-06-17T01:58:31+02:00	13.26754665	6.548463821	1.924485207	0.894964218	2.100762916
2018-06-17T02:08:31+02:00	13.26593781	6.612987518	1.904815674	0.931322098	2.141457643
2018-06-17T02:18:31+02:00	13.26639938	6.545038223	1.899749756	0.877976418	2.054606736
2018-06-17T02:28:31+02:00	13.26672745	6.549656868	1.915246964	0.911951065	2.130927664
2018-06-17T02:38:31+02:00	13.26778507	6.551294327	1.902281761	0.867246628	2.147072837
2018-06-17T02:48:31+02:00	13.26923084	6.549060822	1.926123619	0.89839077	2.148730035
2018-06-17T02:58:31+02:00	13.27067566	6.583333015	1.920908928	0.867694855	2.152762398
2018-06-17T03:08:31+02:00	13.27171898	6.507932663	1.898556709	0.875591278	2.095739556
2018-06-17T03:18:31+02:00	13.27192783	6.540267944	1.906305313	0.907927513	2.166627518
2018-06-17T03:28:31+02:00	13.27201748	6.543397903	1.898854256	0.91478157	2.135787676

2018-06-17T03:38:31+02:00	13.27304554	6.557703018	1.908987045	0.885277748	2.143445589
2018-06-17T03:48:31+02:00	13.27432728	6.598830223	1.935661316	0.888854027	2.24483545
2018-06-17T03:58:31+02:00	13.27578735	6.573200226	1.922697067	0.903159142	2.136597783
2018-06-17T04:08:31+02:00	13.27700901	6.545334816	1.915990829	0.917315483	2.187291868
2018-06-17T04:18:31+02:00	13.28198624	6.496459007	1.875310898	0.919699669	2.198215364
2018-06-17T04:28:31+02:00	13.27963161	6.642640114	1.922399521	0.895261765	2.125700382
2018-06-17T04:38:31+02:00	13.27991486	6.555169106	1.904219627	0.894218445	2.207943145
2018-06-17T04:48:31+02:00	13.28046608	6.533711433	1.922249794	0.891685486	2.360105432
2018-06-17T04:58:31+02:00	13.2801981	6.583779335	1.91628933	0.89839077	2.267287804
2018-06-17T05:08:31+02:00	13.28058529	6.532817841	1.951903343	0.900627136	2.234661576
2018-06-17T05:18:31+02:00	13.27993011	6.520748138	1.910478592	0.900328636	2.332150682
2018-06-17T05:28:31+02:00	13.27778435	6.5353508	1.92388916	0.873506546	2.230736334
2018-06-17T05:38:31+02:00	13.27545929	6.567091942	1.915394783	0.912695885	2.180403368
2018-06-17T05:48:31+02:00	13.27283669	6.554574013	1.92224884	0.905394554	2.228008581
2018-06-17T05:58:31+02:00	13.26976681	6.553232193	1.935065269	0.920890808	2.430147615
2018-06-17T06:08:31+02:00	13.26745796	6.560088158	1.903772354	0.91642189	2.382456314
2018-06-17T06:18:31+02:00	13.26696587	6.58959198	1.928508759	0.92521286	2.248503196
2018-06-17T06:28:31+02:00	13.26699543	6.584077835	1.939237595	0.904351234	2.317263166
2018-06-17T06:38:31+02:00	13.26699543	6.572008133	1.919715881	0.927149773	2.281926965
2018-06-17T06:48:31+02:00	13.26908207	6.54339695	1.953542709	0.877975464	3.060349921
2018-06-17T06:58:31+02:00	13.27066135	6.572752953	1.922696114	0.886618614	2.292935612
2018-06-17T07:08:31+02:00	13.27303028	6.663054466	1.945048332	0.912994385	2.343847864
2018-06-17T07:18:31+02:00	13.27536964	6.604045868	1.953691483	0.889003754	2.545567848
2018-06-17T07:28:31+02:00	13.27776909	6.595253944	1.941473007	0.896751404	2.283789656
2018-06-17T07:38:31+02:00	13.28043652	6.557405472	1.961141586	0.896304131	2.639095554
2018-06-17T07:48:31+02:00	13.28340149	6.610155106	1.960396767	0.90703392	2.441894222
2018-06-17T07:58:31+02:00	13.28974915	6.584076881	1.950263977	0.884532928	2.401138538
2018-06-17T08:08:31+02:00	13.29027081	6.56142807	1.966506958	0.888109207	2.461142269
2018-06-17T08:18:31+02:00	13.29475594	6.586611748	1.989900589	0.909864426	2.514676283
2018-06-17T08:28:31+02:00	13.29793072	6.569026947	1.942515373	0.908672333	2.359939133
2018-06-17T08:38:31+02:00	13.30257988	6.575435638	1.946240425	0.901818275	2.337445288
2018-06-17T08:48:31+02:00	13.30797386	6.565302849	1.962780952	0.911206245	2.384634796
2018-06-17T08:58:31+02:00	13.31603527	6.534010887	1.978129387	0.89913559	2.36802289
2018-06-17T09:08:31+02:00	13.3250351	6.53222084	1.96889019	0.901669502	2.457262845
2018-06-17T09:18:31+02:00	13.32654095	6.600170135	1.969038963	0.848770142	2.331062042
2018-06-17T09:28:31+02:00	13.33481026	6.641745567	1.974701881	0.924020767	2.357595399
2018-06-17T09:38:31+02:00	13.34880257	6.62550354	1.959949493	0.936985016	2.23173131
2018-06-17T09:48:31+02:00	13.35676003	6.605237961	1.92284584	0.908969879	2.175080699
2018-06-17T09:58:31+02:00	13.35993385	6.594359398	1.958608627	0.912695885	2.993528279
2018-06-17T10:08:31+02:00	13.36365891	6.622076035	1.92433548	0.923425674	2.403299014
2018-06-17T10:18:31+02:00	13.37449265	6.626398087	1.982896805	0.910460472	2.228635079
2018-06-17T10:28:31+02:00	13.37927628	6.611794472	1.954882622	0.890642166	2.133504902
2018-06-17T10:38:31+02:00	13.38392448	6.587803841	1.965016365	0.893920898	2.28753309
2018-06-17T10:48:31+02:00	13.38940811	6.59838295	1.96188736	0.906288147	2.323498121
2018-06-17T10:58:31+02:00	13.39426613	6.59659481	1.962482452	0.911951065	2.243858731
2018-06-17T11:08:31+02:00	13.39754486	6.598532677	1.95980072	0.913589478	2.175927948
2018-06-17T11:18:31+02:00	13.39837933	6.647259712	2.069473267	0.903010368	2.285799668
2018-06-17T11:28:31+02:00	13.39870644	6.625204086	1.973957062	0.900030136	2.251692128
2018-06-17T11:38:31+02:00	13.39890099	6.63325119	1.957118034	0.897199631	2.340471519
2018-06-17T11:48:31+02:00	13.40170193	6.647558212	1.943707466	0.900774956	2.289745706

2018-06-17T11:58:31+02:00	13.39997387	6.615371704	1.982748985	0.92625618	2.28773608
2018-06-17T12:08:31+02:00	13.39958572	6.621332169	1.938939095	0.913888931	2.348922058
2018-06-17T12:18:31+02:00	13.40135956	6.619244576	1.990646362	0.927448273	2.270587841
2018-06-17T12:28:31+02:00	13.3967247	6.610006332	1.985430717	0.860691071	2.327224749
2018-06-17T12:38:31+02:00	13.39343166	6.605237007	1.962483406	0.91508007	2.594004983
2018-06-17T12:48:31+02:00	13.39472866	6.629079819	1.984685898	0.89764595	2.296864017
2018-06-17T12:58:31+02:00	13.3972168	6.587355614	1.994668961	0.902115822	2.268892026
2018-06-17T13:08:31+02:00	13.39527988	6.63533783	1.974553108	0.914632797	2.311029103
2018-06-17T13:18:31+02:00	13.39495182	6.596743584	1.987963676	0.907481194	2.318333227
2018-06-17T13:28:31+02:00	13.40782642	6.607323647	1.969039917	0.902414322	2.493255689
2018-06-17T13:38:31+02:00	13.40949535	6.577373505	1.962632179	0.887513161	2.364644731
2018-06-17T13:48:31+02:00	13.41068745	6.607920647	1.973957062	0.913291931	2.332980984
2018-06-17T13:58:31+02:00	13.41721439	6.636381149	2.004802704	0.918805122	2.369665239
2018-06-17T14:08:31+02:00	13.43023777	6.573498726	2.001821518	0.90673542	2.393882796
2018-06-17T14:18:31+02:00	13.43162346	6.615966797	1.990943909	0.912398338	2.405569669
2018-06-17T14:28:31+02:00	13.43347168	6.600915909	1.996009827	0.886768341	2.472708152
2018-06-17T14:38:31+02:00	13.43362045	6.633102417	1.99750042	0.912696838	2.407250008
2018-06-17T14:48:31+02:00	13.440341	6.629527092	1.984089851	0.888407707	2.360861809
2018-06-17T14:58:31+02:00	13.43795681	6.61745739	1.992880821	0.902563095	2.384726473
2018-06-17T15:08:31+02:00	13.4391489	6.618499756	1.995862007	0.899881363	2.447694291
2018-06-17T15:18:31+02:00	13.44311237	6.603748322	1.983940125	0.897496223	2.536101492
2018-06-17T15:28:31+02:00	13.45238113	6.598531723	1.999884605	0.881552696	2.455951452
2018-06-17T15:38:31+02:00	13.44659901	6.648153305	2.028346062	0.876933098	2.415522148
2018-06-17T15:48:31+02:00	13.45181465	6.611793518	2.021044731	0.89839077	2.42313031
2018-06-17T15:58:31+02:00	13.45989132	6.605686188	1.994818687	0.881999969	2.572844446
2018-06-17T16:08:31+02:00	13.45594215	6.621332169	2.022236824	0.874251366	2.408690255
2018-06-17T16:18:31+02:00	13.45488453	6.59733963	1.996904373	0.882596016	2.402818799
2018-06-17T16:28:31+02:00	13.45481014	6.732643127	1.994222641	0.883042336	2.386905007
2018-06-17T16:38:31+02:00	13.45637417	6.622969627	2.03222084	0.89004612	2.375294611
2018-06-17T16:48:31+02:00	13.45822239	6.637275696	2.028196335	0.89868927	2.41829182
2018-06-17T16:58:31+02:00	13.45574856	6.648600578	2.016573906	0.855029106	2.426749763
2018-06-17T17:08:31+02:00	13.45449638	6.647407532	2.013892174	0.86143589	2.419012259
2018-06-17T17:18:31+02:00	13.45811749	6.623268127	2.043843269	0.905990601	2.4266571
2018-06-17T17:28:31+02:00	13.46351242	6.598829269	2.024769783	0.875443459	2.470693696
2018-06-17T17:38:31+02:00	13.46804237	6.627441406	2.029389381	0.903606415	2.608712169
2018-06-17T17:48:31+02:00	13.46087456	6.615966797	2.027452469	0.872164726	2.566001645
2018-06-17T17:58:31+02:00	13.45956326	6.625653267	2.017318726	0.891983032	2.569922244
2018-06-17T18:08:31+02:00	13.45908642	6.64293766	2.005547523	0.8890028	2.454455171
2018-06-17T18:18:31+02:00	13.45257473	6.623120308	2.015530586	0.877530098	2.598980866
2018-06-17T18:28:31+02:00	13.45205307	6.647407532	2.018809319	0.896752357	2.491832639
2018-06-17T18:38:31+02:00	13.45108414	6.632356644	2.025365829	0.896751404	2.499705084
2018-06-17T18:48:31+02:00	13.44525814	6.6447258	2.037286758	0.873953819	2.4557481
2018-06-17T18:58:31+02:00	13.44206905	6.656796455	2.029389381	0.838935852	2.517338508
2018-06-17T19:08:31+02:00	13.44038582	6.619841576	2.027153969	0.891089439	2.697630598
2018-06-17T19:18:31+02:00	13.43673515	6.646067619	2.047418594	0.87052536	2.555516055
2018-06-17T19:28:31+02:00	13.43216038	6.673784256	2.028942108	0.842063904	2.545235563
2018-06-17T19:38:31+02:00	13.42880726	6.654857635	2.023428917	0.860840797	2.515914639
2018-06-17T19:48:31+02:00	13.42612457	6.641298294	2.039522171	0.864118576	2.526174139
2018-06-17T19:58:31+02:00	13.42293644	6.657093048	2.046376228	0.867098808	2.726539988
2018-06-17T20:08:31+02:00	13.4213562	6.640702248	2.026707649	0.876934052	2.515767001

2018-06-17T20:18:31+02:00	13.41839123	6.683617592	2.028494835	0.885277748	2.595096086
2018-06-17T20:28:31+02:00	13.41456223	6.736666679	2.035052299	0.863372803	2.632267277
2018-06-17T20:38:31+02:00	13.41032982	6.518811226	2.133548737	0.820904732	3.180996632
2018-06-17T20:48:31+02:00	13.40559101	6.521194458	2.123117447	0.828355789	3.126707852
2018-06-17T20:58:31+02:00	13.40028667	6.508826256	2.146064758	0.82761097	3.025634473
2018-06-17T21:08:31+02:00	13.39483261	6.522834778	2.136676788	0.943243027	3.021659878
2018-06-17T21:18:31+02:00	13.39033222	6.483196259	2.118646622	0.929235458	3.044356346
2018-06-17T21:28:31+02:00	13.38431263	6.461143494	2.162456512	0.947118759	3.029645814
2018-06-17T21:38:31+02:00	13.38189888	6.49973774	2.097636223	0.931470871	2.964846588
2018-06-17T21:48:31+02:00	13.37252522	6.555913925	2.084671974	0.923127174	3.34837957
2018-06-17T21:58:31+02:00	13.36765289	6.529539108	2.117753029	0.88974762	2.989628926
2018-06-17T22:08:31+02:00	13.36093235	6.54399395	2.107917786	0.888854027	2.868586976
2018-06-17T22:18:31+02:00	13.3552103	6.523131371	2.077817917	0.900923729	2.670247523
2018-06-17T22:28:31+02:00	13.35011387	6.539224625	2.072304726	0.895709038	2.690039143
2018-06-17T22:38:31+02:00	13.34537601	6.548762321	2.075731277	0.885874748	2.721354143
2018-06-17T22:48:31+02:00	13.34026432	6.565301895	2.070665359	0.902861595	2.639706724
2018-06-17T22:58:31+02:00	13.33497429	6.549059868	2.104341507	0.888854027	2.718723622
2018-06-17T23:08:31+02:00	13.33054924	6.533115387	2.048314095	0.895559311	2.814407765
2018-06-17T23:18:31+02:00	13.3259449	6.54503727	2.083331108	0.884085655	2.694890217
2018-06-17T23:28:31+02:00	13.32272625	6.54429245	2.093762398	0.912695885	2.706742012
2018-06-17T23:38:31+02:00	13.31841946	6.627439499	2.094059944	0.893175125	2.721594535
2018-06-17T23:48:31+02:00	13.31593132	6.599277496	2.099722862	0.900179863	2.990724477
2018-06-17T23:58:31+02:00	13.31466484	6.591080666	2.1061306	0.883788109	2.838119445
2018-06-18T00:08:31+02:00	13.31299591	6.612092972	2.100914955	0.913143158	2.928433433
2018-06-18T00:18:31+02:00	13.31174374	6.618053436	2.088695526	0.875145912	2.729596042
2018-06-18T00:28:31+02:00	13.30991077	6.599873543	2.086907387	0.897198677	2.749621161
2018-06-18T00:38:31+02:00	13.30769062	6.602108002	2.149044991	0.883192062	2.737616642
2018-06-18T00:48:31+02:00	13.30427837	6.606132507	2.117008209	0.889003754	2.704815845
2018-06-18T00:58:31+02:00	13.30192375	6.75305748	2.075135231	0.881552696	3.06492032
2018-06-18T01:08:31+02:00	13.30019569	6.751864433	1.840888977	0.919401169	1.747661792
2018-06-18T01:18:31+02:00	13.29623127	6.773323059	1.856535912	0.919699669	1.997650845
2018-06-18T01:28:31+02:00	13.29500961	6.786733627	1.870542526	0.916420937	2.077451373
2018-06-18T01:38:31+02:00	13.29113579	6.784499168	1.883954048	0.920444489	1.964723364
2018-06-18T01:48:31+02:00	13.28881073	6.78896904	1.873373985	0.909864426	2.066874683
2018-06-18T01:58:31+02:00	13.28599453	6.769001007	1.872927666	0.912696838	1.867270286
2018-06-18T02:08:31+02:00	13.28317833	6.771683693	1.875609398	0.885576248	1.806782179
2018-06-18T02:18:31+02:00	13.28061485	6.784050941	1.901089668	0.928341866	1.804031912
2018-06-18T02:28:31+02:00	13.27906513	6.79865551	1.892298698	0.934153557	1.841146501
2018-06-18T02:38:31+02:00	13.27566814	6.789863586	1.883209229	0.941454887	1.925639072
2018-06-18T02:48:31+02:00	13.27364159	6.799697876	1.880377769	0.948608398	1.795434461
2018-06-18T02:58:31+02:00	13.27069092	6.783605576	1.885890961	0.955760002	1.862407972
2018-06-18T03:08:31+02:00	13.26751709	6.815045357	1.883208275	0.919550896	1.932507028
2018-06-18T03:18:31+02:00	13.26471519	6.809532166	1.894533157	0.936240196	1.702519763
2018-06-18T03:28:31+02:00	13.26116943	6.831735611	1.899003983	0.937581062	1.789092133
2018-06-18T03:38:31+02:00	13.2593956	6.792097092	1.888275146	0.963508606	1.830343817
2018-06-18T03:48:31+02:00	13.25720596	6.784350395	1.938491821	0.914632797	1.797175927
2018-06-18T03:58:31+02:00	13.25358486	6.817281723	1.898407936	0.924318314	1.799650466
2018-06-18T04:08:31+02:00	13.24936771	6.828754425	1.913309097	0.927895546	1.788084243
2018-06-18T04:18:31+02:00	13.24689388	6.791354179	1.915991783	0.949501991	1.925822868
2018-06-18T04:28:31+02:00	13.24462891	6.882846832	1.894384384	0.924765587	1.834360368

2018-06-18T04:38:31+02:00	13.24188709	6.854385376	1.92329216	0.918060303	1.779469876
2018-06-18T04:48:31+02:00	13.2413063	6.844102859	1.932681084	0.925362587	1.967717798
2018-06-18T04:58:31+02:00	13.2403965	6.840228081	1.951306343	0.937729836	1.870095661
2018-06-18T05:08:31+02:00	13.24006939	6.811320305	1.919120789	0.914484978	2.324494581
2018-06-18T05:18:31+02:00	13.23960686	6.824583054	1.899898529	0.91612339	1.855308102
2018-06-18T05:28:31+02:00	13.23945808	6.826221466	1.929551125	0.910162926	1.916660864
2018-06-18T05:38:31+02:00	13.2402029	6.787926674	1.911371231	0.923127174	1.967937905
2018-06-18T05:48:31+02:00	13.24094868	6.849317551	1.919269562	0.937133789	1.881693233
2018-06-18T05:58:31+02:00	13.24214077	6.884485245	1.914798737	0.929981232	1.903828242
2018-06-18T06:08:31+02:00	13.24285603	6.813259125	1.923441887	0.929087639	1.835424755
2018-06-18T06:18:31+02:00	13.2450161	6.796866417	1.933425903	0.927597046	1.846319263
2018-06-18T06:28:31+02:00	13.24623871	6.822347641	1.928060532	0.937581062	1.882353776
2018-06-18T06:38:31+02:00	13.24830914	6.937384605	1.933724403	0.924170494	1.830362596
2018-06-18T06:48:31+02:00	13.25066376	6.830394745	1.92254734	0.920445442	1.840394751
2018-06-18T06:58:31+02:00	13.25373363	6.802827835	1.901834488	0.92551136	1.837001408
2018-06-18T07:08:31+02:00	13.25674343	6.811172485	1.934766769	0.91612339	1.823998994
2018-06-18T07:18:31+02:00	13.26046848	6.840675354	1.929104805	0.894665718	1.878793677
2018-06-18T07:28:31+02:00	13.26277828	6.799845695	1.930891991	0.912993431	1.804086822
2018-06-18T07:38:31+02:00	13.26678658	6.813108444	1.929849625	0.930279732	1.878628313
2018-06-18T07:48:31+02:00	13.26948357	6.781219482	1.920164108	0.913291931	1.889951834
2018-06-18T07:58:31+02:00	13.27423763	6.778837204	1.924186707	0.892132759	1.842577709
2018-06-18T08:08:31+02:00	13.27909565	6.806850433	1.914649963	0.933259964	1.84211848
2018-06-18T08:18:31+02:00	13.2828207	6.886274338	1.926719666	0.927745819	1.885492137
2018-06-18T08:28:31+02:00	13.28738022	6.813854218	1.924037933	0.942499161	1.889750268
2018-06-18T08:38:31+02:00	13.29486084	6.820558548	1.929253578	0.940858841	1.903222028
2018-06-18T08:48:31+02:00	13.29636574	6.865113258	1.934617043	0.93385601	1.88930955
2018-06-18T08:58:31+02:00	13.30076122	6.789862633	1.931340218	0.928193092	1.858353306
2018-06-18T09:08:31+02:00	13.30307102	6.785392761	1.950562477	0.913589478	1.949348026
2018-06-18T09:18:31+02:00	13.30779457	6.796568871	1.935214043	0.929086685	1.875563985
2018-06-18T09:28:31+02:00	13.31301022	6.851851463	1.917332649	0.917613029	1.901093269
2018-06-18T09:38:31+02:00	13.31596088	6.783008575	1.942515373	0.925064087	1.905205163
2018-06-18T09:48:31+02:00	13.31864262	6.810129166	1.955926895	0.926703453	1.90638003
2018-06-18T09:58:31+02:00	13.32129574	6.81653595	1.960992813	0.905244827	2.008421031
2018-06-18T10:08:31+02:00	13.32280064	6.762294769	1.933574677	0.914484024	1.974460033
2018-06-18T10:18:31+02:00	13.32375431	6.825029373	1.930744171	0.922679901	2.03704489
2018-06-18T10:28:31+02:00	13.32595921	6.81608963	1.937895775	0.910758972	1.871948769
2018-06-18T10:38:31+02:00	13.32917786	6.800144196	1.950561523	0.895709038	2.004377222
2018-06-18T10:48:31+02:00	13.33074284	6.770341873	1.948922157	0.907481194	1.930817483
2018-06-18T10:58:31+02:00	13.33200932	6.771386147	1.928507805	0.913143158	1.891530079
2018-06-18T11:08:31+02:00	13.3345871	6.773769379	1.942216873	0.912994385	1.933866117
2018-06-18T11:18:31+02:00	13.33671761	6.899386406	1.945048332	0.927597046	1.902781704
2018-06-18T11:28:31+02:00	13.3388195	6.774217606	1.947432518	0.920594215	1.887290644
2018-06-18T11:38:31+02:00	13.34431744	6.746054649	1.970529556	0.930429459	2.06545828
2018-06-18T11:48:31+02:00	13.35577679	6.788074493	1.954585075	0.921935081	1.954656359
2018-06-18T11:58:31+02:00	13.36050034	6.787330627	1.962184906	0.938326836	1.984657941
2018-06-18T12:08:31+02:00	13.36289978	6.800293922	1.946537971	0.916420937	1.918533413
2018-06-18T12:18:31+02:00	13.36990261	6.774068832	1.932531357	0.93385601	1.981607841
2018-06-18T12:28:31+02:00	13.3765192	6.770641327	1.930147171	0.925064087	1.973008535
2018-06-18T12:38:31+02:00	13.3818388	6.767213821	1.932382584	0.917017937	1.911483385
2018-06-18T12:48:31+02:00	13.385952	6.781517029	1.9420681	0.907927513	2.037927954

2018-06-18T12:58:31+02:00	13.3972168	6.767660141	1.938939095	0.913143158	1.970620158
2018-06-18T13:08:31+02:00	13.39763451	6.765722275	1.923144341	0.928790092	1.948704786
2018-06-18T13:18:31+02:00	13.40124035	6.803125381	1.937002182	0.920593262	1.932929184
2018-06-18T13:28:31+02:00	13.40973377	6.796568871	1.942962646	0.932962418	1.95120348
2018-06-18T13:38:31+02:00	13.41579819	6.784050941	1.901835442	0.92625618	1.846557812
2018-06-18T13:48:31+02:00	13.41788483	6.74262619	1.927465439	0.919550896	1.855950102
2018-06-18T13:58:31+02:00	13.42305565	6.796419144	1.927762985	0.906288147	1.805480248
2018-06-18T14:08:31+02:00	13.43534851	6.750524521	1.967698097	0.923574448	1.819029608
2018-06-18T14:18:31+02:00	13.44913292	6.767958641	1.945346832	0.907928467	2.320398772
2018-06-18T14:28:31+02:00	13.45405006	6.759613991	1.934617043	0.922083855	1.771461672
2018-06-18T14:38:31+02:00	13.45381165	6.778686523	1.924186707	0.905543327	1.894944161
2018-06-18T14:48:31+02:00	13.46144104	6.767957687	1.928359032	0.904053688	1.927971102
2018-06-18T14:58:31+02:00	13.46820641	6.729215622	1.931041718	0.903755188	1.992229119
2018-06-18T15:08:31+02:00	13.4714241	6.742478371	1.940578461	0.884234428	1.907426146
2018-06-18T15:18:31+02:00	13.47327232	6.767362595	1.956075668	0.915677071	2.085380995
2018-06-18T15:28:31+02:00	13.47668457	6.759464264	1.945495605	0.915378571	2.00599491
2018-06-18T15:38:31+02:00	13.47968006	6.745307922	1.958459854	0.896305084	1.972218359
2018-06-18T15:48:31+02:00	13.48245144	6.73532486	1.932829857	0.91716671	2.006013261
2018-06-18T15:58:31+02:00	13.48307705	6.755143166	1.948327065	0.884384155	1.907352832
2018-06-18T16:08:31+02:00	13.48432922	6.78032589	1.919269562	0.905097008	1.931662251
2018-06-18T16:18:31+02:00	13.48449326	6.777496338	1.942664146	0.914186478	1.933553491
2018-06-18T16:28:31+02:00	13.48412037	6.780029297	1.937896729	0.924616814	1.959212148
2018-06-18T16:38:31+02:00	13.48885918	6.79627037	1.932681084	0.907481194	1.914733369
2018-06-18T16:48:31+02:00	13.49702454	6.746203423	1.957267761	0.90882206	2.046018598
2018-06-18T16:58:31+02:00	13.50031757	6.740539551	1.964122772	0.896305084	1.981185427
2018-06-18T17:08:31+02:00	13.49605656	6.744413376	1.944750786	0.920891762	1.958312068
2018-06-18T17:18:31+02:00	13.49249458	6.732345581	1.95100975	0.930577278	1.996548028
2018-06-18T17:28:31+02:00	13.49166012	6.72489357	1.964420319	0.924319267	2.072852751
2018-06-18T17:38:31+02:00	13.49282265	6.716400146	1.930444717	0.890195847	2.052859565
2018-06-18T17:48:31+02:00	13.49657822	6.752313614	1.91450119	0.881999016	1.984162127
2018-06-18T17:58:31+02:00	13.48702621	6.742477417	1.942962646	0.881403923	2.153553809
2018-06-18T18:08:31+02:00	13.48234749	6.729811668	1.918375015	0.914484024	1.954711847
2018-06-18T18:18:31+02:00	13.48499966	6.737409592	1.941473007	0.902563095	1.941854704
2018-06-18T18:28:31+02:00	13.48231697	6.742178917	1.939237595	0.913143158	1.914585789
2018-06-18T18:38:31+02:00	13.4788456	6.75246048	1.940279961	0.885873795	2.040630867
2018-06-18T18:48:31+02:00	13.47251225	6.761849403	1.958608627	0.901668549	1.925419082
2018-06-18T18:58:31+02:00	13.46813107	6.774068832	1.998991013	0.910460472	3.360371858
2018-06-18T19:08:31+02:00	13.46793747	6.785243988	1.987963676	0.909418106	2.338294531
2018-06-18T19:18:31+02:00	13.467103	6.790308952	1.975894928	0.917613029	2.180955975
2018-06-18T19:28:31+02:00	13.46594048	6.781817436	2.004951477	0.87991333	2.234643176
2018-06-18T19:38:31+02:00	13.46667099	6.758420944	1.959503174	0.884980202	2.164896438
2018-06-18T19:48:31+02:00	13.46483803	6.7698946	1.982450485	0.871271133	2.175522946
2018-06-18T19:58:31+02:00	13.46237946	6.780475616	2.003461838	0.892727852	2.167456299
2018-06-18T20:08:31+02:00	13.45922089	6.772428513	2.001673698	0.878423691	2.315750651
2018-06-18T20:18:31+02:00	13.454422	6.783008575	1.986175537	0.887811661	2.192136633
2018-06-18T20:28:31+02:00	13.44950485	6.779582024	1.977235794	0.870377541	2.235933542
2018-06-18T20:38:31+02:00	13.44525814	6.765128136	1.997053146	0.876188278	2.26341636
2018-06-18T20:48:31+02:00	13.43920803	6.811172485	1.982897758	0.87916851	2.217376705
2018-06-18T20:58:31+02:00	13.43314362	6.806850433	2.11492157	0.906586647	2.336744361
2018-06-18T21:08:31+02:00	13.42694473	6.809085846	2.004504204	0.880509377	2.324457273

2018-06-18T21:18:31+02:00	13.4203434	6.818771362	1.984685898	0.877827644	2.411090556
2018-06-18T21:28:31+02:00	13.41420364	6.801635742	2.004206657	0.865459442	2.194291728
2018-06-18T21:38:31+02:00	13.4072752	6.829351425	2.018213272	0.863969803	2.270089901
2018-06-18T21:48:31+02:00	13.40100193	6.799249649	1.993476868	0.873357773	2.237241855
2018-06-18T21:58:31+02:00	13.39358139	6.824881554	2.000630379	0.875443459	2.269942644
2018-06-18T22:08:31+02:00	13.38830566	6.793887138	2.003908157	0.87916851	2.248171002
2018-06-18T22:18:31+02:00	13.38331413	6.821453094	2.007038116	0.851154327	2.371141771
2018-06-18T22:28:31+02:00	13.37738323	6.729810715	1.927315712	0.854283333	2.993862421
2018-06-18T22:38:31+02:00	13.37334538	6.673038483	1.929402351	0.886321068	2.054422648
2018-06-18T22:48:31+02:00	13.3669529	6.638616562	1.976341248	0.851451874	2.200352686
2018-06-18T22:58:31+02:00	13.36258698	6.659328461	1.94162178	0.845938683	2.114951362
2018-06-18T23:08:31+02:00	13.3572073	6.635338783	1.96948719	0.876635551	2.171710644
2018-06-18T23:18:31+02:00	13.35267735	6.649940491	1.951158524	0.876784325	2.126841658
2018-06-18T23:28:31+02:00	13.34869862	6.613582611	2.012252808	0.841021538	2.424589232
2018-06-18T23:38:31+02:00	13.34735775	6.714164734	1.943260193	0.831336021	2.067922874
2018-06-18T23:48:31+02:00	13.34372139	6.685256958	1.980959892	0.870526314	2.058101187
2018-06-18T23:58:31+02:00	13.33729935	6.694347382	1.963228226	0.877380371	2.218961641
2018-06-19T00:08:31+02:00	13.33448315	6.736815453	2.002418518	0.895559311	2.381127039
2018-06-19T00:18:31+02:00	13.33119011	6.865561485	1.979470253	0.859796524	2.247028624
2018-06-19T00:28:31+02:00	13.32762814	6.873310089	1.993030548	0.840871811	2.188599938
2018-06-19T00:38:31+02:00	13.32431984	6.86109066	1.985877991	0.835209846	2.15675771
2018-06-19T00:48:31+02:00	13.3220253	6.860344887	1.9964571	0.86173439	2.384561077
2018-06-19T00:58:31+02:00	13.31916428	6.837100029	1.983493805	0.844449043	2.384874858
2018-06-19T01:08:31+02:00	13.31733131	6.871372223	1.997350693	0.836103439	2.26052197
2018-06-19T01:18:31+02:00	13.31390476	6.871520996	1.993179321	0.862330437	2.203245134
2018-06-19T01:28:31+02:00	13.31190777	6.857664108	1.9967556	0.876188278	2.242421038
2018-06-19T01:38:31+02:00	13.30834579	6.869285583	1.995862007	0.860839844	2.39163085
2018-06-19T01:48:31+02:00	13.3056345	6.8959589	1.990943909	0.838191032	2.284398131
2018-06-19T01:58:31+02:00	13.30397987	6.884783745	1.991539955	0.885725021	2.176296176
2018-06-19T02:08:31+02:00	13.30183411	6.901920319	2.003014565	0.845491409	2.24769206
2018-06-19T02:18:31+02:00	13.29918194	6.923377991	2.003609657	0.845491409	2.178193448
2018-06-19T02:28:31+02:00	13.29764748	6.871520996	1.990496635	0.862776756	2.080671264
2018-06-19T02:38:31+02:00	13.29448795	6.785541534	1.954436302	0.850707054	2.009395076
2018-06-19T02:48:31+02:00	13.29231262	6.836056709	1.949071884	0.837891579	1.955574738
2018-06-19T02:58:31+02:00	13.29083729	6.793140411	1.930147171	0.822097778	2.034397166
2018-06-19T03:08:31+02:00	13.28900433	6.820410728	1.938194275	0.852793694	2.049843651
2018-06-19T03:18:31+02:00	13.28700829	6.809831619	1.967102051	0.846088409	1.946501449
2018-06-19T03:28:31+02:00	13.28568172	6.826967239	1.987070084	0.856369019	1.969812134
2018-06-19T03:38:31+02:00	13.28371429	6.837696075	1.947582245	0.848174095	1.951552382
2018-06-19T03:48:31+02:00	13.28229904	6.84201622	1.95041275	0.838041306	2.334899494
2018-06-19T03:58:31+02:00	13.28076458	6.89774704	1.960695267	0.867546082	2.130669897
2018-06-19T04:08:31+02:00	13.2787075	6.906092644	1.999438286	0.829100609	2.470915998
2018-06-19T04:18:31+02:00	13.275877	6.901323318	1.979619026	0.849067688	2.135548274
2018-06-19T04:28:31+02:00	13.27475929	6.905942917	1.970231056	0.86113739	2.113644402
2018-06-19T04:38:31+02:00	13.27289677	6.897747993	1.982450485	0.85174942	2.100744544
2018-06-19T04:48:31+02:00	13.27092934	6.905794144	2.001523972	0.831633568	2.284066278
2018-06-19T04:58:31+02:00	13.26856041	6.87852478	1.991688728	0.866055489	2.121982152
2018-06-19T05:08:31+02:00	13.26638412	6.867198944	1.950860023	0.846237183	2.12906818
2018-06-19T05:18:31+02:00	13.26540089	6.886423111	1.98766613	0.876933098	2.220011677
2018-06-19T05:28:31+02:00	13.26334476	6.905197144	1.974403381	0.849514961	2.120859316

2018-06-19T05:38:31+02:00	13.26256943	6.893573761	1.977980614	0.854283333	2.20116292
2018-06-19T05:48:31+02:00	13.26279354	6.876140594	1.970828056	0.841617584	2.144366526
2018-06-19T05:58:31+02:00	13.2623167	6.854682922	1.998991013	0.854283333	2.197625864
2018-06-19T06:08:31+02:00	13.2609005	6.937532425	1.964718819	0.847280502	2.231454848
2018-06-19T06:18:31+02:00	13.26033497	6.875545502	1.992434502	0.837296486	2.201624163
2018-06-19T06:28:31+02:00	13.26179504	6.903558731	1.970082283	0.84430027	2.414820643
2018-06-19T06:38:31+02:00	13.26210785	6.898641586	1.948773384	0.851452827	2.173073171
2018-06-19T06:48:31+02:00	13.26328468	6.893277168	1.992285728	0.839233398	2.216787078
2018-06-19T06:58:31+02:00	13.26356792	6.914587021	1.989006996	0.821203232	2.185616021
2018-06-19T07:08:31+02:00	13.26420879	6.91383934	1.982151985	0.843107224	2.265665675
2018-06-19T07:18:31+02:00	13.26598263	6.958843231	2.002567291	0.816732407	2.241609957
2018-06-19T07:28:31+02:00	13.26706982	6.914287567	1.976638794	0.850558281	2.230275884
2018-06-19T07:38:31+02:00	13.26875401	6.890594482	2.007335663	0.838488579	2.198639334
2018-06-19T07:48:31+02:00	13.27067566	6.905495644	1.987814903	0.839530945	2.269961051
2018-06-19T07:58:31+02:00	13.27289677	6.913840294	1.980811119	0.857412338	2.274035733
2018-06-19T08:08:31+02:00	13.27602577	6.930232048	1.969784737	0.831633568	2.459036304
2018-06-19T08:18:31+02:00	13.27840996	6.925909996	1.966654778	0.854283333	2.28816
2018-06-19T08:28:31+02:00	13.28372955	6.936788559	1.985281944	0.832229614	2.248871724
2018-06-19T08:38:31+02:00	13.28788662	6.88850975	2.014636993	0.843406677	3.200672675
2018-06-19T08:48:31+02:00	13.29259586	6.888360023	2.011656761	0.82656765	2.209195864
2018-06-19T08:58:31+02:00	13.3013134	6.862877846	1.974700928	0.850558281	2.159832565
2018-06-19T09:08:31+02:00	13.31143093	6.869138718	2.007931709	0.82597065	2.256447894
2018-06-19T09:18:31+02:00	13.32159328	6.886571884	2.004951477	0.839233398	2.214705019
2018-06-19T09:28:31+02:00	13.33680725	6.847978592	2.001225471	0.809579849	2.165135921
2018-06-19T09:38:31+02:00	13.34303665	6.903558731	2.018213272	0.867247581	2.203816277
2018-06-19T09:48:31+02:00	13.34923553	6.853043556	2.02462101	0.833422661	2.289155607
2018-06-19T09:58:31+02:00	13.36205006	6.850063324	2.019703865	0.849068642	2.221688175
2018-06-19T10:08:31+02:00	13.37508869	7.125735283	0.233054161	0.918954849	48.65055254
2018-06-19T10:18:31+02:00	13.38572788	7.180421829	1.804977417	0.965744019	1.649211076
2018-06-19T10:28:31+02:00	13.39681435	7.118582726	1.810639381	0.947117805	1.586128787
2018-06-19T10:38:31+02:00	13.40879536	7.08028698	1.811087608	0.974684715	1.67517424
2018-06-19T10:48:31+02:00	13.42171478	7.105171204	1.787840843	0.946670532	1.62868962
2018-06-19T10:58:31+02:00	13.43142986	7.172079086	1.793652534	0.993460655	1.569919933
2018-06-19T11:08:31+02:00	13.44357395	7.186979294	1.774579048	0.955313683	1.168498069
2018-06-19T11:18:31+02:00	13.45807266	7.196813583	1.747756958	0.953972816	1.221585363
2018-06-19T11:28:31+02:00	13.4762373	7.172525406	1.763402939	0.954717636	1.110933949
2018-06-19T11:38:31+02:00	13.48997688	7.150620461	1.7622118	0.948905945	1.13854704
2018-06-19T11:48:31+02:00	13.50106335	7.157474518	1.756846428	0.935346603	1.149593401
2018-06-19T11:58:31+02:00	13.51191139	7.21544075	1.771598816	0.949799538	1.227617067
2018-06-19T12:08:31+02:00	13.52354908	7.200986862	1.771748543	0.97081089	1.09560148
2018-06-19T12:18:31+02:00	13.53345776	7.170140266	1.775473595	0.929981232	1.142537194
2018-06-19T12:28:31+02:00	13.54108715	7.157624245	1.787693024	0.945926666	1.363874284
2018-06-19T12:38:31+02:00	13.55507946	7.174163818	1.765788078	0.956207275	1.125545268
2018-06-19T12:48:31+02:00	13.56966782	7.131546974	1.773834229	0.948012352	1.207165066
2018-06-19T12:58:31+02:00	13.58337688	7.124691963	1.76995945	0.97081089	1.185576887
2018-06-19T13:08:31+02:00	13.59190083	7.128566742	1.764148712	0.943392754	1.145892438
2018-06-19T13:18:31+02:00	13.60625076	7.123202324	1.7786026	0.933855057	1.205947979
2018-06-19T13:28:31+02:00	13.6169939	7.128864288	1.759677887	0.921189308	1.190732121
2018-06-19T13:38:31+02:00	13.62028694	7.102936745	1.783967018	0.926703453	1.242697904
2018-06-19T13:48:31+02:00	13.61905003	7.102787018	1.77755928	0.9436903	1.178624896

2018-06-19T13:58:31+02:00	13.62310314	7.110983849	1.765192032	0.936985016	1.366642711
2018-06-19T14:08:31+02:00	13.633564	7.117240906	1.789032936	0.930875778	1.326480823
2018-06-19T14:18:31+02:00	13.63027096	7.070451736	1.783967018	0.92625618	1.278545086
2018-06-19T14:28:31+02:00	13.62566662	7.101148605	1.791566849	0.925213814	1.388301357
2018-06-19T14:38:31+02:00	13.62751389	7.110238075	1.763254166	0.956505775	1.296222942
2018-06-19T14:48:31+02:00	13.63283348	7.158516884	1.793205261	0.951439857	1.264708533
2018-06-19T14:58:31+02:00	13.62448883	7.091463089	1.769810677	0.940561295	1.351128068
2018-06-19T15:08:31+02:00	13.61277676	7.12454319	1.78843689	0.910758972	1.231904315
2018-06-19T15:18:31+02:00	13.61046696	7.089078903	1.799911499	0.945776939	1.266690223
2018-06-19T15:28:31+02:00	13.60334492	7.102787018	1.782625198	0.917464256	1.293203216
2018-06-19T15:38:31+02:00	13.60003662	7.090270042	1.792907715	0.913590431	1.448708651
2018-06-19T15:48:31+02:00	13.59646034	7.116943359	1.802295685	0.917016983	1.534975104
2018-06-19T15:58:31+02:00	13.59312248	7.066279411	1.811831474	0.905693054	1.305318025
2018-06-19T16:08:31+02:00	13.59134865	7.045716286	1.791715622	0.930279732	1.304699532
2018-06-19T16:18:31+02:00	13.58368969	7.08893013	1.813173294	0.922232628	1.416219376
2018-06-19T16:28:31+02:00	13.58072472	7.093250275	1.779943466	0.947565079	1.413776661
2018-06-19T16:38:31+02:00	13.58097839	7.09876442	1.793056488	0.936388016	1.313178329
2018-06-19T16:48:31+02:00	13.58248329	7.074176788	1.821070671	0.935495377	1.349580607
2018-06-19T16:58:31+02:00	13.57699966	7.072835922	1.819283485	0.91508007	1.338457348
2018-06-19T17:08:31+02:00	13.58124638	7.047354698	1.802593231	0.940263748	1.388046234
2018-06-19T17:18:31+02:00	13.59938049	7.048249245	1.784115791	0.929087639	1.428140866
2018-06-19T17:28:31+02:00	13.5892334	7.065087318	1.821965218	0.929236412	1.384493754
2018-06-19T17:38:31+02:00	13.59488106	7.048545837	1.793951035	0.918507576	1.46736853
2018-06-19T17:48:31+02:00	13.58477783	7.024406433	1.809299469	0.930577278	1.386260873
2018-06-19T17:58:31+02:00	13.59656429	7.049143791	1.809298515	0.923126221	1.581578419
2018-06-19T18:08:31+02:00	13.58076954	7.008611679	1.821816444	0.933558464	1.41319341
2018-06-19T18:18:31+02:00	13.58836937	7.042140961	1.810341835	0.914633751	1.456150076
2018-06-19T18:28:31+02:00	13.57282734	7.033943176	1.805127144	0.961571693	1.40196717
2018-06-19T18:38:31+02:00	13.58139515	7.018745422	1.818090439	0.905245781	1.460838194
2018-06-19T18:48:31+02:00	13.56679153	7.004440308	1.805423737	0.92625618	1.538791952
2018-06-19T18:58:31+02:00	13.57752037	6.999820709	1.800357819	0.896602631	1.619016094
2018-06-19T19:08:31+02:00	13.56282806	6.996541977	1.818537712	0.904351234	1.581048358
2018-06-19T19:18:31+02:00	13.57187366	7.028282166	1.846104622	0.921637535	1.509888367
2018-06-19T19:28:31+02:00	13.55428982	7.0436306	1.790523529	0.954271317	1.365732165
2018-06-19T19:38:31+02:00	13.56516743	7.039309502	1.816749573	0.90703392	1.297295833
2018-06-19T19:48:31+02:00	13.54733086	7.014274597	1.774877548	0.907481194	1.379101314
2018-06-19T19:58:31+02:00	13.55724049	7.00876236	1.804678917	0.924021721	1.344646252
2018-06-19T20:08:31+02:00	13.53958225	7.035136223	1.801550865	0.919848442	1.407343019
2018-06-19T20:18:31+02:00	13.54654121	6.956906319	1.837313652	0.937581062	1.736653315
2018-06-19T20:28:31+02:00	13.5276022	7.244647026	1.863688469	0.912546158	1.38618765
2018-06-19T20:38:31+02:00	13.51714134	7.076858521	1.842229843	0.923127174	1.632036164
2018-06-19T20:48:31+02:00	13.51116562	7.072985649	1.827775955	0.9439888	1.606711306
2018-06-19T20:58:31+02:00	13.50575638	7.037818909	1.838058472	0.902414322	1.51494503
2018-06-19T21:08:31+02:00	13.50162888	7.079392433	1.86085701	0.893472672	1.683703024
2018-06-19T21:18:31+02:00	13.49262905	7.104576111	1.862049103	0.90822506	1.582253984
2018-06-19T21:28:31+02:00	13.48568535	7.070749283	1.849979401	0.888258934	1.785059716
2018-06-19T21:38:31+02:00	13.47973919	7.055252075	1.866518974	0.918656349	1.62464805
2018-06-19T21:48:31+02:00	13.47528362	7.109493256	1.895130157	0.8895998	2.265296606
2018-06-19T21:58:31+02:00	13.47030735	7.057041168	1.880824089	0.907629013	1.902470142
2018-06-19T22:08:31+02:00	13.46464443	7.027983665	1.888572693	0.900328636	1.880775718

2018-06-19T22:18:31+02:00	13.47173786	7.020236015	1.859516144	0.870972633	1.641547179
2018-06-19T22:28:31+02:00	13.45580864	7.006227493	1.866518974	0.905693054	1.749786682
2018-06-19T22:38:31+02:00	13.45972729	6.995500565	1.870542526	0.895709038	1.68141518
2018-06-19T22:48:31+02:00	13.44525814	7.033646584	1.880825043	0.927598	1.689614373
2018-06-19T22:58:31+02:00	13.45099545	7.005928993	1.850575447	0.901818275	1.697888566
2018-06-19T23:08:31+02:00	13.4380455	7.017253876	1.874267578	0.905543327	1.67879805
2018-06-19T23:18:31+02:00	13.44251633	6.991326332	1.861304283	0.885426521	1.748211415
2018-06-19T23:28:31+02:00	13.43223476	7.030962944	1.875758171	0.872760773	1.71687455
2018-06-19T23:38:31+02:00	13.4352293	7.013975143	1.8879776	0.888705254	1.725682618
2018-06-19T23:48:31+02:00	13.42226601	7.020979881	1.89602375	0.883638382	1.743869877
2018-06-19T23:58:31+02:00	13.42426205	6.982535362	1.862496376	0.891983032	1.731744215
2018-06-20T00:08:31+02:00	13.41329479	7.048696518	1.877099037	0.896453857	1.72463857
2018-06-20T00:18:31+02:00	13.41623116	6.992965698	1.892745018	0.858604431	1.735407488
2018-06-20T00:28:31+02:00	13.40672398	7.014424324	1.901388168	0.904500008	1.792244928
2018-06-20T00:38:31+02:00	13.40983772	7.026045799	1.893788338	0.882743835	1.670617924
2018-06-20T00:48:31+02:00	13.4046526	7.047058105	1.905858994	0.886469841	1.802785407
2018-06-20T00:58:31+02:00	13.40387726	7.032155991	1.864582062	0.87112236	1.766624333
2018-06-20T01:08:31+02:00	13.39316368	7.01576519	1.901686668	0.882744789	1.867967343
2018-06-20T01:18:31+02:00	13.39669514	7.016062737	1.900047302	0.902265549	1.798513848
2018-06-20T01:28:31+02:00	13.38663673	7.077306747	1.932979584	0.893474579	1.875380777
2018-06-20T01:38:31+02:00	13.39012337	7.040500641	1.893341064	0.875890732	1.757517663
2018-06-20T01:48:31+02:00	13.38009548	7.042139053	1.878738403	0.873952866	1.821468256
2018-06-20T01:58:31+02:00	13.38203239	7.047950745	1.898855209	0.891090393	1.808358231
2018-06-20T02:08:31+02:00	13.37291336	7.053762436	1.880973816	0.886470795	1.835919627
2018-06-20T02:18:31+02:00	13.37376213	7.039756775	1.890063286	0.901222229	1.874077667
2018-06-20T02:28:31+02:00	13.36611843	7.072092056	1.898557663	0.875442505	1.845970832
2018-06-20T02:38:31+02:00	13.36155796	7.101446152	1.874267578	0.875294685	1.827189883
2018-06-20T02:48:31+02:00	13.35835457	7.114112854	1.895427704	0.879615784	1.872022049
2018-06-20T02:58:31+02:00	13.3543911	7.25075531	1.875013351	0.865757942	1.891897511
2018-06-20T03:08:31+02:00	13.35048676	7.061214447	1.88633728	0.859498978	1.898743713
2018-06-20T03:18:31+02:00	13.34786415	7.136166573	1.896471024	0.903606415	2.062295004
2018-06-20T03:28:31+02:00	13.34610558	7.104724884	1.894384384	0.876337051	1.972273859
2018-06-20T03:38:31+02:00	13.34410858	7.090568542	1.947432518	0.896752357	1.869838719
2018-06-20T03:48:31+02:00	13.34273815	7.087589264	1.907497406	0.868886948	2.155118742
2018-06-20T03:58:31+02:00	13.33977318	7.091014862	1.907795906	0.896007538	1.778663387
2018-06-20T04:08:31+02:00	13.33950424	7.115751266	1.927019119	0.878721237	1.764168727
2018-06-20T04:18:31+02:00	13.33497429	7.077753067	1.911967278	0.877976418	1.741672008
2018-06-20T04:28:31+02:00	13.33209896	7.116645813	1.908689499	0.865161896	1.800603606
2018-06-20T04:38:31+02:00	13.32890987	7.104277611	1.918524742	0.897348404	1.885015267
2018-06-20T04:48:31+02:00	13.32640648	7.090419769	1.889019966	0.868588448	1.973320845
2018-06-20T04:58:31+02:00	13.32518482	7.089673996	1.884698868	0.846684456	1.752993129
2018-06-20T05:08:31+02:00	13.32256222	7.109045029	1.897961617	0.870675087	1.871123438
2018-06-20T05:18:31+02:00	13.32454395	7.097423553	1.90541172	0.891238213	1.86721486
2018-06-20T05:28:31+02:00	13.31877708	7.133781433	1.894831657	0.882744789	1.841678974
2018-06-20T05:38:31+02:00	13.31661606	7.091761589	1.921356201	0.84474659	1.969848819
2018-06-20T05:48:31+02:00	13.31412792	7.0977211	1.932829857	0.870227814	1.949237997
2018-06-20T05:58:31+02:00	13.31387424	7.106513023	1.928806305	0.872909546	1.788780568
2018-06-20T06:08:31+02:00	13.31171417	7.118285179	1.920014381	0.860542297	1.863710884
2018-06-20T06:18:31+02:00	13.31031322	7.099657059	1.914352417	0.855176926	1.874261341
2018-06-20T06:28:31+02:00	13.30672169	7.133483887	1.934617043	0.869185448	1.930284866

2018-06-20T06:38:31+02:00	13.30906105	7.090420723	1.931637764	0.841916084	1.906325045
2018-06-20T06:48:31+02:00	13.3054409	7.135569572	1.90585804	0.853240013	2.195231121
2018-06-20T06:58:31+02:00	13.30573845	7.170438766	1.94311142	0.83535862	1.942662916
2018-06-20T07:08:31+02:00	13.30502319	7.107258797	1.939832687	0.869929314	1.938328569
2018-06-20T07:18:31+02:00	13.30417442	7.102339745	1.91554451	0.851005554	1.942790801
2018-06-20T07:28:31+02:00	13.30520248	7.117092133	1.916885376	0.854581833	1.970105618
2018-06-20T07:38:31+02:00	13.30727386	7.122308731	1.921504974	0.875890732	1.9406243
2018-06-20T07:48:31+02:00	13.30871868	7.113516808	1.909434319	0.876486778	1.991273157
2018-06-20T07:58:31+02:00	13.31131172	7.103235245	1.979171753	0.881105423	1.990777303
2018-06-20T08:08:31+02:00	13.31387424	7.148683548	1.921206474	0.850558281	1.936620565
2018-06-20T08:18:31+02:00	13.31710815	7.136465073	1.944303513	0.874698639	1.927971102
2018-06-20T08:28:31+02:00	13.32172775	7.126033783	1.903474808	0.856668472	1.941119844
2018-06-20T08:38:31+02:00	13.3297739	7.192343712	1.922697067	0.861733437	2.026877151
2018-06-20T08:48:31+02:00	13.34017563	7.109195709	1.940429688	0.851601601	1.942992974
2018-06-20T08:58:31+02:00	13.35391426	7.111131668	1.945495605	0.851601601	1.94442559
2018-06-20T09:08:31+02:00	13.36173725	7.108598709	1.935214043	0.882297516	2.043370587
2018-06-20T09:18:31+02:00	13.36754894	7.081925392	1.953840256	0.855326653	2.022832902
2018-06-20T09:28:31+02:00	13.37403107	7.144958496	1.970828056	0.875889778	1.994103441
2018-06-20T09:38:31+02:00	13.38095951	7.095188141	1.947284698	0.859647751	1.93480259
2018-06-20T09:48:31+02:00	13.38650322	7.087737083	1.955479622	0.86143589	2.057604459
2018-06-20T09:58:31+02:00	13.39703751	7.145107269	1.963228226	0.876039505	1.91249338
2018-06-20T10:08:31+02:00	13.41383171	7.079839706	1.934766769	0.838041306	1.964539478
2018-06-20T10:18:31+02:00	13.42467976	7.098168373	1.941173553	0.85294342	2.002631115
2018-06-20T10:28:31+02:00	13.43415642	7.114260674	1.959651947	0.850558281	1.986807756
2018-06-20T10:38:31+02:00	13.44029617	7.104278564	1.980513573	0.840425491	1.960057218
2018-06-20T10:48:31+02:00	13.44695663	7.069109917	1.945198059	0.84400177	2.11042373
2018-06-20T10:58:31+02:00	13.45451164	7.110088348	1.962632179	0.850260735	2.177419729
2018-06-20T11:08:31+02:00	13.46333313	7.10546875	1.965463638	0.830888748	2.155302577
2018-06-20T11:18:31+02:00	13.47152901	7.137804985	1.975893974	0.827908516	2.11215419
2018-06-20T11:28:31+02:00	13.48693657	7.103084564	1.988113403	0.841766357	2.082768475
2018-06-20T11:38:31+02:00	13.49332905	7.11545372	1.980513573	0.827014923	2.210816973
2018-06-20T11:48:31+02:00	13.50620365	7.102936745	1.992733002	0.815391541	2.381496569
2018-06-20T11:58:31+02:00	13.52119446	7.14361763	1.98870945	0.856966019	2.091802193
2018-06-20T12:08:31+02:00	13.53017998	7.14302063	1.999139786	0.857264519	2.138603997
2018-06-20T12:18:31+02:00	13.54451466	7.111280441	2.001226425	0.842363358	2.131572319
2018-06-20T12:28:31+02:00	13.55564594	7.123948097	2.006739616	0.84430027	2.071693834
2018-06-20T12:38:31+02:00	13.56402016	7.079094887	2.001970291	0.832676888	2.114638519
2018-06-20T12:48:31+02:00	13.58166313	7.108300209	2.028047562	0.804961205	2.364313064
2018-06-20T12:58:31+02:00	13.59757805	7.092506409	2.019554138	0.797212601	2.407379048
2018-06-20T13:08:31+02:00	13.60827637	7.082222939	2.02283287	0.775307655	2.367413395
2018-06-20T13:18:31+02:00	13.61967659	7.044225693	2.035051346	0.786930084	2.415411533
2018-06-20T13:28:31+02:00	13.63159752	7.111429214	2.053678513	0.79795742	2.550542302
2018-06-20T13:38:31+02:00	13.63471127	7.028281212	2.05248642	0.762493134	2.585958461
2018-06-20T13:48:31+02:00	13.63912201	7.027237892	2.040565491	0.790060043	2.676042245
2018-06-20T13:58:31+02:00	13.64249039	7.017552376	2.025068283	0.836551666	2.600719901
2018-06-20T14:08:31+02:00	13.6581955	7.014871597	2.013296127	0.776648521	2.574583035
2018-06-20T14:18:31+02:00	13.66265106	6.978064537	2.04279995	0.819265366	2.719668572
2018-06-20T14:28:31+02:00	13.69132137	7.013530731	2.019852638	0.818073273	2.643593185
2018-06-20T14:38:31+02:00	13.66984844	7.001608849	2.045482635	0.802874565	2.674801474
2018-06-20T14:48:31+02:00	13.67990685	7.019936562	2.041459084	0.801533699	2.531406511

2018-06-20T14:58:31+02:00	13.66741943	7.027984619	2.036392212	0.791400909	2.643926263
2018-06-20T15:08:31+02:00	13.67442322	6.995498657	2.032518387	0.80779171	2.689520583
2018-06-20T15:18:31+02:00	13.66330719	7.054060936	2.021342278	0.879615784	3.859365036
2018-06-20T15:28:31+02:00	13.67530251	6.837100029	2.084820747	0.84295845	2.86293053
2018-06-20T15:38:31+02:00	13.65321922	6.877183914	2.107471466	0.869185448	2.850394699
2018-06-20T15:48:31+02:00	13.66059494	6.878824234	2.103596687	0.877380371	2.828904881
2018-06-20T15:58:31+02:00	13.64293671	6.886123657	2.086460114	0.869035721	2.755549697
2018-06-20T16:08:31+02:00	13.6543808	6.87822628	2.089738846	0.842362404	2.806251932
2018-06-20T16:18:31+02:00	13.63693142	6.891339302	2.122968674	0.862627983	2.729762953
2018-06-20T16:28:31+02:00	13.63520336	6.835759163	2.072900772	0.840276718	2.716242039
2018-06-20T16:38:31+02:00	13.61948204	6.852894783	2.073199272	0.818371773	2.919768131
2018-06-20T16:48:31+02:00	13.63022614	6.824134827	2.100467682	0.845938683	2.783529186
2018-06-20T16:58:31+02:00	13.60835171	6.908773422	2.066939354	0.898986816	2.77037246
2018-06-20T17:08:31+02:00	13.59412098	6.877482414	2.08839798	0.898540497	2.668914881
2018-06-20T17:18:31+02:00	13.58939743	6.88999939	2.08869648	0.874102592	2.768445623
2018-06-20T17:28:31+02:00	13.59269047	6.873606682	2.080648422	0.872612	2.971862965
2018-06-20T17:38:31+02:00	13.58960533	6.907730103	2.083778381	0.905841827	2.714149286
2018-06-20T17:48:31+02:00	13.5839138	6.884187698	2.077371597	0.873654366	2.859907769
2018-06-20T17:58:31+02:00	13.58477783	6.894170761	2.084225655	0.863968849	2.637041765
2018-06-20T18:08:31+02:00	13.58297443	6.891489029	2.097338676	0.904351234	2.666952441
2018-06-20T18:18:31+02:00	13.58228874	6.863922119	2.086162567	0.905097008	2.677411945
2018-06-20T18:28:31+02:00	13.57932377	6.888806343	2.076029778	0.893622398	2.675227543
2018-06-20T18:38:31+02:00	13.57719326	6.873310089	2.064109802	0.897497177	2.737227785
2018-06-20T18:48:31+02:00	13.57883263	6.870627403	2.057701111	0.875145912	2.750843836
2018-06-20T18:58:31+02:00	13.59719086	6.845594406	2.052635193	0.87052536	2.639484523
2018-06-20T19:08:31+02:00	13.58352566	6.860494614	2.061128616	0.859350204	2.786512845
2018-06-20T19:18:31+02:00	13.59663868	6.735771179	2.057849884	0.884085655	2.503198682
2018-06-20T19:28:31+02:00	13.57971096	6.740837097	2.053231239	0.875889778	2.505324046
2018-06-20T19:38:31+02:00	13.59015656	6.747693062	2.038627625	0.875144958	2.54235108
2018-06-20T19:48:31+02:00	13.57288647	6.695091248	2.074837685	0.8729105	2.714186267
2018-06-20T19:58:31+02:00	13.58437538	6.729960442	2.077370644	0.872612	2.512625009
2018-06-20T20:08:31+02:00	13.56969738	6.743371964	2.042948723	0.875889778	2.476698873
2018-06-20T20:18:31+02:00	13.57753563	6.787032127	2.056956291	0.86978054	2.912308959
2018-06-20T20:28:31+02:00	13.56281376	6.817876816	2.050549507	0.856518745	3.007305871
2018-06-20T20:38:31+02:00	13.56735802	6.910116196	2.014339447	0.840723038	2.623865794
2018-06-20T20:48:31+02:00	13.55169678	6.791949272	2.01553154	0.852495193	2.628399715
2018-06-20T20:58:31+02:00	13.55241203	6.791799545	2.053528786	0.817925453	3.221151428
2018-06-20T21:08:31+02:00	13.53470993	6.318836212	2.014487267	0.841468811	2.624088436
2018-06-20T21:18:31+02:00	13.52809334	7.184446335	1.875311852	0.860691071	1.747862976
2018-06-20T21:28:31+02:00	13.52289295	6.99669075	1.923739433	0.882744789	1.616218312
2018-06-20T21:38:31+02:00	13.51435471	6.986856461	1.938790321	0.899881363	1.706731312
2018-06-20T21:48:31+02:00	13.50808144	6.993561745	1.906305313	0.903755188	1.718467413
2018-06-20T21:58:31+02:00	13.5034771	7.030069351	1.894086838	0.904798508	1.657370884
2018-06-20T22:08:31+02:00	13.4965477	7.038117409	1.899301529	0.903159142	1.679109139
2018-06-20T22:18:31+02:00	13.50025845	7.027089119	1.911222458	0.895112991	1.701312023
2018-06-20T22:28:31+02:00	13.49771023	7.048845291	1.90690136	0.886171341	1.672008772
2018-06-20T22:38:31+02:00	13.49283791	7.012634277	1.913756371	0.892877579	1.63161573
2018-06-20T22:48:31+02:00	13.48699665	7.087587357	1.903473854	0.868886948	1.721562301
2018-06-20T22:58:31+02:00	13.4842844	7.028282166	1.909435272	0.904201508	1.629566972
2018-06-20T23:08:31+02:00	13.478652	7.04094696	1.896619797	0.903606415	1.637907525

2018-06-20T23:18:31+02:00	13.47464371	7.047354698	1.929849625	0.857412338	1.814335611
2018-06-20T23:28:31+02:00	13.46871281	7.046609879	1.912265778	0.903606415	1.664268341
2018-06-20T23:38:31+02:00	13.4657774	7.066428185	1.908540726	0.891238213	1.659749272
2018-06-20T23:48:31+02:00	13.46673107	7.026791573	1.906007767	0.889748573	1.646998358
2018-06-20T23:58:31+02:00	13.45986176	7.046012878	1.92284584	0.877977371	1.732055536
2018-06-21T00:08:31+02:00	13.45631504	7.036327362	1.916140556	0.836700439	1.783098485
2018-06-21T00:18:31+02:00	13.4488945	7.070451736	1.919864655	0.866801262	1.71306551
2018-06-21T00:28:31+02:00	13.44431973	7.081924438	1.908987999	0.872016907	1.733667492
2018-06-21T00:38:31+02:00	13.44595814	7.039010048	1.89602375	0.906884193	1.749585493
2018-06-21T00:48:31+02:00	13.44251633	7.083863258	1.918077469	0.894367218	1.759295286
2018-06-21T00:58:31+02:00	13.43655586	7.038116455	1.930148125	0.853240967	1.74229427
2018-06-21T01:08:31+02:00	13.43312836	7.01785183	1.933574677	0.883340836	1.851272127
2018-06-21T01:18:31+02:00	13.43013382	7.034241676	1.924485207	0.842660904	1.691316743
2018-06-21T01:28:31+02:00	13.4265871	7.01546669	1.924634933	0.846534729	1.719089942
2018-06-21T01:38:31+02:00	13.42153549	7.037073135	1.944602013	0.867396355	1.741268737
2018-06-21T01:48:31+02:00	13.42324924	7.003993034	1.927614212	0.887811661	1.791823547
2018-06-21T01:58:31+02:00	13.41542625	7.03468895	1.917331696	0.877976418	2.04417981
2018-06-21T02:08:31+02:00	13.41687107	7.027089119	1.917928696	0.871569633	1.872132908
2018-06-21T02:18:31+02:00	13.41016579	7.028877258	1.920015335	0.887364388	1.968948619
2018-06-21T02:28:31+02:00	13.41283321	7.068067551	1.919864655	0.852643967	1.913576237
2018-06-21T02:38:31+02:00	13.40813923	7.03364563	1.927018166	0.883340836	1.904085297
2018-06-21T02:48:31+02:00	13.40696239	7.015764236	1.964717865	0.849663734	1.881215917
2018-06-21T02:58:31+02:00	13.39988422	6.988494873	1.946389198	0.881701469	1.841917039
2018-06-21T03:08:31+02:00	13.39851284	7.013528824	1.930743217	0.869184494	1.91442082
2018-06-21T03:18:31+02:00	13.39174843	6.989091873	1.956820488	0.881850243	1.855895154
2018-06-21T03:28:31+02:00	13.39386368	6.9892416	1.946240425	0.88021183	1.927861103
2018-06-21T03:38:31+02:00	13.38863373	6.990283966	1.937150955	0.876188278	1.94760311
2018-06-21T03:48:31+02:00	13.39100266	6.958245277	1.895577431	0.858157158	1.75718794
2018-06-21T03:58:31+02:00	13.38435745	6.94095993	1.902878761	0.859648705	2.213378168
2018-06-21T04:08:31+02:00	13.38510227	6.963610649	1.893490791	0.869482994	1.821028402
2018-06-21T04:18:31+02:00	13.37726402	6.880612373	1.908839226	0.857114792	1.893439146
2018-06-21T04:28:31+02:00	13.37137794	6.914733887	1.887529373	0.869333267	1.639736459
2018-06-21T04:38:31+02:00	13.36793613	6.922037125	1.907795906	0.851154327	1.697448988
2018-06-21T04:48:31+02:00	13.36674404	6.899833679	1.888275146	0.86218071	1.959506064
2018-06-21T04:58:31+02:00	13.36294365	6.933063507	1.880079269	0.866204262	2.060142274
2018-06-21T05:08:31+02:00	13.35936737	6.904304504	1.944303513	0.874102592	2.083559711
2018-06-21T05:18:31+02:00	13.35884666	6.938426971	1.858920097	0.851154327	1.610111526
2018-06-21T05:28:31+02:00	13.35619354	7.041246414	1.855641365	0.862926483	1.623513757
2018-06-21T05:38:31+02:00	13.35708809	6.827264786	1.754760742	0.833272934	1.287910592
2018-06-21T05:48:31+02:00	13.35240936	6.78792572	1.768470764	0.811367989	1.004093839
2018-06-21T05:58:31+02:00	13.35020351	6.767212868	1.778453827	0.812560081	0.976468978
2018-06-21T06:08:31+02:00	13.34798336	6.845444679	1.767277718	0.822246552	1.12734019
2018-06-21T06:18:31+02:00	13.34555435	6.848573685	1.780986786	0.811516762	1.313924081
2018-06-21T06:28:31+02:00	13.34393024	7.314086914	1.785606384	0.881552696	1.051463956
2018-06-21T06:38:31+02:00	13.34269333	7.352085114	1.795887947	0.855922699	1.048277434
2018-06-21T06:48:31+02:00	13.34267807	7.300227165	1.785010338	0.86352253	0.936924441
2018-06-21T06:58:31+02:00	13.34303665	7.29635334	1.794844627	0.841021538	1.036259495
2018-06-21T07:08:31+02:00	13.34036922	7.310956955	1.797079086	0.843108177	0.94750765
2018-06-21T07:18:31+02:00	13.33954906	7.295608521	1.793652534	0.839084625	1.011997333
2018-06-21T07:28:31+02:00	13.33947468	7.333904266	1.793801308	0.892728806	1.07319238

2018-06-21T07:38:31+02:00	13.34033871	7.360280037	1.784414291	0.866353035	1.079622795
2018-06-21T07:48:31+02:00	13.34109879	7.37756443	1.789778709	0.882446289	1.116934071
2018-06-21T07:58:31+02:00	13.34208298	7.379799843	1.80572319	0.868885994	1.081560714
2018-06-21T08:08:31+02:00	13.34650803	7.368923187	1.777112007	0.860095024	1.128863628
2018-06-21T08:18:31+02:00	13.35053158	7.345676422	1.810789108	0.876188278	1.40675983
2018-06-21T08:28:31+02:00	13.35126114	7.365941048	1.868904114	0.899582863	1.272362496
2018-06-21T08:38:31+02:00	13.359025	7.475613594	1.887231827	0.914484024	1.551595735
2018-06-21T08:48:31+02:00	13.36416626	7.330029488	1.819729805	0.880063057	1.239354098
2018-06-21T08:58:31+02:00	13.37316608	7.36847496	1.841783524	0.887214661	1.686722829
2018-06-21T09:08:31+02:00	13.38298607	7.387102127	1.860708237	0.914931297	1.232721992
2018-06-21T09:18:31+02:00	13.38748646	7.391423225	1.825839043	0.878423691	1.266617618
2018-06-21T09:28:31+02:00	13.39445972	7.375329971	1.860559464	0.904202461	1.725389608
2018-06-21T09:38:31+02:00	13.39668083	7.361023903	1.844614029	0.910163879	1.279326687
2018-06-21T09:48:31+02:00	13.39583111	7.374435425	1.857876778	0.906885147	1.363892467
2018-06-21T09:58:31+02:00	13.3952055	7.402748108	1.853704453	0.886469841	1.199882952
2018-06-21T10:08:31+02:00	13.39368534	7.381140709	1.874267578	0.890790939	1.197558839
2018-06-21T10:18:31+02:00	13.40861607	7.381289482	1.908242226	0.880807877	1.359904632
2018-06-21T10:28:31+02:00	13.41691589	7.391720772	1.906752586	0.872015953	1.361525094
2018-06-21T10:38:31+02:00	13.4277935	7.367432594	1.882314682	0.85309124	1.272017125
2018-06-21T10:48:31+02:00	13.43962574	7.422566414	1.87754631	0.879317284	1.259527995
2018-06-21T10:58:31+02:00	13.44832802	7.512866974	1.936554909	0.881701469	1.756381696
2018-06-21T11:08:31+02:00	13.45260429	7.485897064	1.930444717	0.918954849	2.285264353
2018-06-21T11:18:31+02:00	13.46333313	7.523298264	1.913160324	0.877977371	1.576571316
2018-06-21T11:28:31+02:00	13.47281075	7.428229332	1.84103775	0.870675087	1.206056762
2018-06-21T11:38:31+02:00	13.48282433	7.412582397	2.139509201	0.86143589	1.223238549
2018-06-21T11:48:31+02:00	13.47248268	7.431804657	1.811832428	0.872760773	1.026361418
2018-06-21T11:58:31+02:00	13.48461246	7.400362968	1.868755341	0.902115822	1.237191526
2018-06-21T12:08:31+02:00	13.49841022	7.414369583	1.847892761	0.88795948	1.065640488
2018-06-21T12:18:31+02:00	13.50829029	7.40647316	1.846999168	0.894665718	1.065948771
2018-06-21T12:28:31+02:00	13.51660538	7.442533493	1.858175278	0.891535759	1.272217272
2018-06-21T12:38:31+02:00	13.52104568	7.43195343	1.784563065	0.904351234	1.025040415
2018-06-21T12:48:31+02:00	13.52684212	7.393957138	1.835375786	0.892132759	1.034811733
2018-06-21T12:58:31+02:00	13.53672123	7.376074791	1.859963417	0.867247581	1.081542628
2018-06-21T13:08:31+02:00	13.5522337	7.416606903	1.868605614	0.869035721	1.021765863
2018-06-21T13:18:31+02:00	13.57550907	7.348656654	1.8335886	0.881402969	1.19305593
2018-06-21T13:28:31+02:00	13.56583786	7.381439209	1.853555679	0.885128975	1.171819255
2018-06-21T13:38:31+02:00	13.57871246	7.454454422	1.858472824	0.886619568	1.204785775
2018-06-21T13:48:31+02:00	13.57109833	7.36072731	1.86085701	0.898986816	1.385933003
2018-06-21T13:58:31+02:00	13.60724831	7.37801075	1.890659332	0.89064312	1.044422013
2018-06-21T14:08:31+02:00	13.58981419	7.372646332	1.837909698	0.881106377	1.022543953
2018-06-21T14:18:31+02:00	13.58011341	7.320344925	1.839696884	0.891834259	0.912555058
2018-06-21T14:28:31+02:00	13.57920456	7.345676422	1.834928513	0.873059273	0.867337972
2018-06-21T14:38:31+02:00	13.60276318	7.351338387	1.818686485	0.862330437	1.038195629
2018-06-21T14:48:31+02:00	13.59631157	7.402301788	1.846850395	0.891090393	1.133886382
2018-06-21T14:58:31+02:00	13.57653713	7.365346909	1.847595215	0.866502762	0.893845249
2018-06-21T15:08:31+02:00	13.56606197	7.364451408	1.859664917	0.873208046	1.183598209
2018-06-21T15:18:31+02:00	13.57649231	7.362068176	1.85176754	0.866800308	1.017695464
2018-06-21T15:28:31+02:00	13.58285522	7.453263283	1.844018936	0.892877579	1.113653171
2018-06-21T15:38:31+02:00	13.57239532	7.457733154	1.85877037	0.882148743	1.211087552
2018-06-21T15:48:31+02:00	13.55892372	7.476360321	1.865775108	0.847130775	1.210723976

2018-06-21T15:58:31+02:00	13.56416893	7.456242561	1.846551895	0.894069672	1.260854728
2018-06-21T16:08:31+02:00	13.57045746	7.472931862	1.853704453	0.908226013	1.347887302
2018-06-21T16:18:31+02:00	13.5694294	7.428230286	1.845062256	0.878572464	1.119507898
2018-06-21T16:28:31+02:00	13.55729961	7.475763321	1.816004753	0.894516945	1.126415567
2018-06-21T16:38:31+02:00	13.54582596	7.454603195	1.828819275	0.877380371	1.091796948
2018-06-21T16:48:31+02:00	13.53503799	7.484406471	1.845210075	0.86948204	1.054649769
2018-06-21T16:58:31+02:00	13.53695965	7.44342804	1.871884346	0.886917114	1.253802145
2018-06-21T17:08:31+02:00	13.54712296	7.429868698	1.866072655	0.875741959	1.193691743
2018-06-21T17:18:31+02:00	13.54359055	7.436424255	1.903922081	0.876188278	1.226835743
2018-06-21T17:28:31+02:00	13.5464077	7.4425354	1.925230026	0.891535759	1.305991483
2018-06-21T17:38:31+02:00	13.54539394	7.390974998	1.917183876	0.898241997	1.271708528
2018-06-21T17:48:31+02:00	13.5584774	7.57992363	1.921653748	0.881851196	1.284782373
2018-06-21T17:58:31+02:00	13.55147362	7.391273499	1.923441887	0.86978054	1.287437553
2018-06-21T18:08:31+02:00	13.55677795	7.391125679	1.892000198	0.871718407	1.362818792
2018-06-21T18:18:31+02:00	13.54758453	7.403939247	1.939535141	0.864564896	1.369265797
2018-06-21T18:28:31+02:00	13.56011581	7.41481781	1.908689499	0.874250412	1.609873763
2018-06-21T18:38:31+02:00	13.54126644	7.420181274	1.924336433	0.865757942	1.361161465
2018-06-21T18:48:31+02:00	13.54758453	7.393657684	1.933873177	0.865161896	1.357191531
2018-06-21T18:58:31+02:00	13.52821255	7.41615963	1.905560493	0.869631767	1.288256061
2018-06-21T19:08:31+02:00	13.52961349	7.428229332	1.932084084	0.891089439	1.367043673
2018-06-21T19:18:31+02:00	13.51775265	7.418095589	1.911222458	0.864416122	1.450496323
2018-06-21T19:28:31+02:00	13.52706528	7.419288635	1.924782753	0.859201431	1.297950568
2018-06-21T19:38:31+02:00	13.51441479	7.407515526	1.923888206	0.890493393	1.22890674
2018-06-21T19:48:31+02:00	13.52237129	7.420778275	1.889317513	0.879914284	1.31707209
2018-06-21T19:58:31+02:00	13.5083046	7.412135124	1.880526543	0.8729105	1.301188964
2018-06-21T20:08:31+02:00	13.51875114	7.403790474	1.899450302	0.863075256	1.453304692
2018-06-21T20:18:31+02:00	13.50897598	7.436573029	1.893640518	0.858902931	1.303953902
2018-06-21T20:28:31+02:00	13.5102272	7.403940201	1.884997368	0.849216461	1.3340887
2018-06-21T20:38:31+02:00	13.49549007	7.405878067	1.86920166	0.87887001	1.494774512
2018-06-21T20:48:31+02:00	13.48711586	7.419883728	1.891851425	0.846237183	1.253293107
2018-06-21T20:58:31+02:00	13.48286819	7.399321556	1.900642395	0.872761726	1.36076101
2018-06-21T21:08:31+02:00	13.47838306	7.414966583	1.885592461	0.853240967	1.249385672
2018-06-21T21:18:31+02:00	13.47391319	7.404089928	1.900196075	0.872164726	1.452557182
2018-06-21T21:28:31+02:00	13.47306347	7.384419441	1.899898529	0.868738174	1.270199078
2018-06-21T21:38:31+02:00	13.47045612	7.391869545	1.890212059	0.881106377	1.307574094
2018-06-21T21:48:31+02:00	13.46792316	7.390678406	1.922697067	0.865906715	1.275744634
2018-06-21T21:58:31+02:00	13.46270752	7.38024807	1.894981384	0.872462273	1.390432862
2018-06-21T22:08:31+02:00	13.45774555	7.394402504	1.893192291	0.847578049	1.383564278
2018-06-21T22:18:31+02:00	13.45950317	7.403492928	1.937300682	0.837743759	2.288750093
2018-06-21T22:28:31+02:00	13.46032333	7.449090004	1.877696037	0.85443306	1.253074882
2018-06-21T22:38:31+02:00	13.45381165	7.319300652	1.917332649	0.884831429	1.21784391
2018-06-21T22:48:31+02:00	13.45053291	7.377713203	1.925677299	0.858605385	1.34697705
2018-06-21T22:58:31+02:00	13.44408131	7.347464561	1.918972015	0.863968849	1.255346972
2018-06-21T23:08:31+02:00	13.44513893	7.36072731	1.917034149	0.884384155	1.297405266
2018-06-21T23:18:31+02:00	13.43873119	7.306337357	1.900196075	0.873804092	1.342662748
2018-06-21T23:28:31+02:00	13.43651104	7.298141479	1.90719986	0.885873795	1.359285549
2018-06-21T23:38:31+02:00	13.43251801	7.294863701	1.907795906	0.863820076	1.40185754
2018-06-21T23:48:31+02:00	13.4285984	7.136910439	1.816451073	0.832975388	1.13141997
2018-06-21T23:58:31+02:00	13.42588615	7.081478119	1.821815491	0.835359573	1.112982168
2018-06-22T00:08:31+02:00	13.42387486	7.12484169	1.834482193	0.871419907	1.111242058

2018-06-22T00:18:31+02:00	13.42210197	7.10710907	1.835227013	0.828653336	1.078408796
2018-06-22T00:28:31+02:00	13.42351723	7.22423172	1.834482193	0.823736191	1.924207266
2018-06-22T00:38:31+02:00	13.41766167	7.215737343	1.817792892	0.864417076	1.222021557
2018-06-22T00:48:31+02:00	13.41499424	7.226169586	1.839995384	0.843107224	1.095203479
2018-06-22T00:58:31+02:00	13.4107914	7.222890854	1.848190308	0.840425491	1.088644359
2018-06-22T01:08:31+02:00	13.41174507	7.244943619	1.848489761	0.845491409	1.070493979
2018-06-22T01:18:31+02:00	13.40639591	7.228106499	1.858472824	0.832528114	1.083969889
2018-06-22T01:28:31+02:00	13.4019556	7.251203537	1.827329636	0.804662704	1.162873125
2018-06-22T01:38:31+02:00	13.39487743	7.372797012	1.87799263	0.844597816	1.270272153
2018-06-22T01:48:31+02:00	13.39519024	7.357747078	1.876055717	0.865310669	1.240135603
2018-06-22T01:58:31+02:00	13.38972187	7.403194427	1.866817474	0.850260735	1.343954628
2018-06-22T02:08:31+02:00	13.39113712	7.407069206	1.901835442	0.843406677	1.411972335
2018-06-22T02:18:31+02:00	13.3821373	7.377266884	1.785010338	0.852942467	1.066002547
2018-06-22T02:28:31+02:00	13.37918663	7.434636116	1.8332901	0.846833229	1.059864606
2018-06-22T02:38:31+02:00	13.37204838	7.445364952	1.811683655	0.854581833	1.133632447
2018-06-22T02:48:31+02:00	13.36997795	7.449538231	1.817196846	0.871717453	1.200936274
2018-06-22T02:58:31+02:00	13.363451	7.422267914	1.821369171	0.84370327	1.185831082
2018-06-22T03:08:31+02:00	13.3621397	7.479488373	1.817195892	0.832378387	1.344483132
2018-06-22T03:18:31+02:00	13.3608427	7.475017548	1.816451073	0.830739975	1.187010988
2018-06-22T03:28:31+02:00	13.35710335	7.481426239	1.820921898	0.835954666	1.112945973
2018-06-22T03:38:31+02:00	13.35604477	7.485151291	1.819878578	0.843107224	1.218752046
2018-06-22T03:48:31+02:00	13.35349655	7.478297234	1.807808876	0.850409508	1.206765256
2018-06-22T03:58:31+02:00	13.34820652	7.4790411	1.829117775	0.814945221	1.103213294
2018-06-22T04:08:31+02:00	13.34537601	7.489918709	1.83224678	0.854730606	1.163780302
2018-06-22T04:18:31+02:00	13.34156132	7.484256744	1.834928513	0.851899147	1.081488371
2018-06-22T04:28:31+02:00	13.34097958	7.527620316	1.802294731	0.826120377	1.100603209
2018-06-22T04:38:31+02:00	13.3385067	7.506757736	1.877099037	0.844449043	1.136606401
2018-06-22T04:48:31+02:00	13.33794022	7.434188843	1.82315731	0.824629784	1.043897015
2018-06-22T04:58:31+02:00	13.33572006	7.395893097	1.817644119	0.815391541	1.005467938
2018-06-22T05:08:31+02:00	13.33430386	7.378905296	1.820623398	0.835359573	1.000856909
2018-06-22T05:18:31+02:00	13.33452797	7.387399673	1.813173294	0.831336021	1.057238807
2018-06-22T05:28:31+02:00	13.33315659	7.39708519	1.827925682	0.862031937	1.0696066
2018-06-22T05:38:31+02:00	13.32960987	7.411091805	1.811086655	0.849067688	1.020535767
2018-06-22T05:48:31+02:00	13.32676411	7.410049438	1.839696884	0.843554497	1.232213152
2018-06-22T05:58:31+02:00	13.32400703	7.375477791	1.803636551	0.816882133	0.999644972
2018-06-22T06:08:31+02:00	13.32145882	7.386058807	1.820325851	0.849663734	1.080818276
2018-06-22T06:18:31+02:00	13.31968594	7.415265083	1.835971832	0.841021538	1.09886354
2018-06-22T06:28:31+02:00	13.3195076	7.381290436	1.799761772	0.84325695	1.100096147
2018-06-22T06:38:31+02:00	13.31897068	7.392317772	1.820027351	0.84295845	1.071526493
2018-06-22T06:48:31+02:00	13.3161993	7.3866539	1.833737373	0.798553467	1.189770559
2018-06-22T06:58:31+02:00	13.3135767	7.408558846	1.825987816	0.827013969	1.122608177
2018-06-22T07:08:31+02:00	13.31339741	7.39678669	1.821816444	0.832676888	1.203224278
2018-06-22T07:18:31+02:00	13.31309986	7.376671791	1.830756187	0.821798325	1.104898371
2018-06-22T07:28:31+02:00	13.31360626	7.441788673	1.838207245	0.847876549	1.203151295
2018-06-22T07:38:31+02:00	13.31329346	7.464588165	1.87829113	0.828653336	2.04857442
2018-06-22T07:48:31+02:00	13.31433678	7.417201996	1.842378616	0.846982002	1.16684708
2018-06-22T07:58:31+02:00	13.31335258	7.38769722	1.890062332	0.848918915	1.39484257
2018-06-22T08:08:31+02:00	13.31455994	7.370412827	1.910626411	0.839829445	1.577119585
2018-06-22T08:18:31+02:00	13.31694412	7.239431381	1.884550095	0.800192833	1.27198082
2018-06-22T08:28:31+02:00	13.31978989	7.564127922	1.81555748	0.828654289	3.868803978

2018-06-22T08:38:31+02:00	13.32603359	7.591693878	1.842528343	0.849514961	1.104771246
2018-06-22T08:48:31+02:00	13.33303738	7.57932663	1.844762802	0.859945297	1.111984961
2018-06-22T08:58:31+02:00	13.34601593	7.590800285	1.819432259	0.839084625	1.049906815
2018-06-22T09:08:31+02:00	13.35653687	7.427036285	1.806616783	0.8343153	1.138728573
2018-06-22T09:18:31+02:00	13.35962105	7.477998734	1.802295685	0.837295532	1.067415114
2018-06-22T09:28:31+02:00	13.36212444	7.488430023	1.821517944	0.867247581	1.058940808
2018-06-22T09:38:31+02:00	13.36024666	7.533729553	1.787394524	0.869035721	1.113018363
2018-06-22T09:48:31+02:00	13.36091805	7.532089233	1.802891731	0.830590248	1.106148762
2018-06-22T09:58:31+02:00	13.35856342	7.503628731	1.804977417	0.836253166	1.08262964
2018-06-22T10:08:31+02:00	13.36047077	7.498710632	1.813769341	0.859201431	1.13927271
2018-06-22T10:18:31+02:00	13.36480713	7.499158859	1.785010338	0.87156868	1.072993472
2018-06-22T10:28:31+02:00	13.36437416	7.502138138	1.809448242	0.872313499	1.129370987
2018-06-22T10:38:31+02:00	13.37026024	7.490068436	1.792907715	0.869930267	1.107707272
2018-06-22T10:48:31+02:00	13.36912823	7.509141922	1.804678917	0.848174095	1.137585997
2018-06-22T10:58:31+02:00	13.36708641	7.500798225	1.835524559	0.854581833	1.150935474
2018-06-22T11:08:31+02:00	13.36969471	7.529258728	1.846104622	0.826120377	1.418770917
2018-06-22T11:18:31+02:00	13.37824726	7.534475327	1.812577248	0.808537483	1.122771551
2018-06-22T11:28:31+02:00	13.38723278	7.566362381	1.823752403	0.834465027	1.205021933
2018-06-22T11:38:31+02:00	13.37777042	7.527173042	1.838356018	0.849067688	1.091924039
2018-06-22T11:48:31+02:00	13.37315178	7.524341583	1.848340034	0.815838814	1.118945877
2018-06-22T11:58:31+02:00	13.37505913	7.502585411	1.833140373	0.840723038	1.116009643
2018-06-22T12:08:31+02:00	13.38069153	7.511079788	1.814365387	0.826865196	1.597991333
2018-06-22T12:18:31+02:00	13.38097477	7.507652283	1.896173477	0.838935852	1.11599108
2018-06-22T12:28:31+02:00	13.38711357	7.512420654	1.832395554	0.834911346	1.086778505
2018-06-22T12:38:31+02:00	13.38949776	7.513612747	1.831352234	0.838488579	1.103466608
2018-06-22T12:48:31+02:00	13.39106274	7.494987488	1.834183693	0.818073273	1.158627304
2018-06-22T12:58:31+02:00	13.40086746	7.499455452	1.826583862	0.828653336	1.088408746
2018-06-22T13:08:31+02:00	13.41459179	7.471740723	1.823753357	0.849216461	1.073916616
2018-06-22T13:18:31+02:00	13.41709518	7.484256744	1.834332466	0.831336021	1.163598679
2018-06-22T13:28:31+02:00	13.42244434	7.771253586	1.829415321	0.83595562	1.807404993
2018-06-22T13:38:31+02:00	13.42682552	7.724315643	1.824647903	0.881105423	1.038358715
2018-06-22T13:48:31+02:00	13.42049217	7.790475845	1.777261734	0.897198677	1.152459164
2018-06-22T13:58:31+02:00	13.40812492	7.796287537	1.826137543	0.884235382	1.097739978
2018-06-22T14:08:31+02:00	13.4239645	7.807017326	1.806616783	0.91791153	1.974515534
2018-06-22T14:18:31+02:00	13.41971779	7.792413712	1.782030106	0.887661934	1.056731741
2018-06-22T14:28:31+02:00	13.43367958	7.86915493	1.780986786	0.876039505	1.218752046
2018-06-22T14:38:31+02:00	13.42667675	7.836223602	1.820177078	0.89004612	0.996227839
2018-06-22T14:48:31+02:00	13.42120743	7.829516411	1.794695854	0.889451027	1.06900946
2018-06-22T14:58:31+02:00	13.42110348	7.847845078	1.776367188	0.901519775	0.907448599
2018-06-22T15:08:31+02:00	13.41609669	7.822960854	1.76951313	0.842362404	1.004347081
2018-06-22T15:18:31+02:00	13.42530537	7.808656693	1.799166679	0.868886948	1.069516194
2018-06-22T15:28:31+02:00	13.42827034	7.794351578	1.791715622	0.883192062	1.090021417
2018-06-22T15:38:31+02:00	13.42621422	7.806121826	1.782923698	0.86247921	0.989411481
2018-06-22T15:48:31+02:00	13.43122101	7.787347794	1.799762726	0.894815445	0.999627381
2018-06-22T15:58:31+02:00	13.42971611	7.78660202	1.805871964	0.879018784	1.013570788
2018-06-22T16:08:31+02:00	13.43104267	7.784365654	1.818090439	0.84430027	1.073264711
2018-06-22T16:18:31+02:00	13.449296	7.789731979	1.816302299	0.832825661	1.069498113
2018-06-22T16:28:31+02:00	13.43759918	7.781236649	1.790374756	0.85234642	1.046069332
2018-06-22T16:38:31+02:00	13.44098186	7.910580635	1.804828644	0.84400177	1.172617413
2018-06-22T16:48:31+02:00	13.42877769	7.806570053	1.836567879	0.838339806	1.013245257

2018-06-22T16:58:31+02:00	13.4305954	7.763207436	1.833886147	0.84504509	1.158301253
2018-06-22T17:08:31+02:00	13.4233532	7.840991974	1.811086655	0.859201431	1.133886382
2018-06-22T17:18:31+02:00	13.4292841	7.774532318	1.822113991	0.885576248	1.118601056
2018-06-22T17:28:31+02:00	13.42059708	7.793158531	1.826137543	0.85413456	1.158155413
2018-06-22T17:38:31+02:00	13.42198277	7.767528534	1.80572319	0.873356819	1.108686296
2018-06-22T17:48:31+02:00	13.4118948	7.769615173	1.825242996	0.846534729	1.056315525
2018-06-22T17:58:31+02:00	13.40530777	7.796138763	1.810937881	0.865012169	1.257637304
2018-06-22T18:08:31+02:00	13.39934731	7.77870369	1.841187477	0.830292702	1.161094584
2018-06-22T18:18:31+02:00	13.3937149	7.772445679	1.812427521	0.84295845	1.14112245
2018-06-22T18:28:31+02:00	13.39015388	7.785707474	1.823454857	0.854580879	1.179804638
2018-06-22T18:38:31+02:00	13.38589191	7.814912796	1.821816444	0.853538513	1.203369315
2018-06-22T18:48:31+02:00	13.38076591	7.785558701	1.844316483	0.852793694	1.198375985
2018-06-22T18:58:31+02:00	13.37534142	7.788090706	1.839697838	0.873208046	1.108740584
2018-06-22T19:08:31+02:00	13.36994743	7.786304474	1.842677116	0.842064857	1.121883214
2018-06-22T19:18:31+02:00	13.365448	7.799863815	1.851021767	0.856965065	1.240062569
2018-06-22T19:28:31+02:00	13.3618412	7.767975807	1.852214813	0.840425491	1.291293679
2018-06-22T19:38:31+02:00	13.36520958	7.754713058	1.838504791	0.842660904	1.347705064
2018-06-22T19:48:31+02:00	13.36188602	7.84173584	1.83254528	0.827162743	1.151642282
2018-06-22T19:58:31+02:00	13.36245251	7.756948471	1.861005783	0.838488579	1.177934906
2018-06-22T20:08:31+02:00	13.35656643	7.764994621	1.839250565	0.815242767	1.271781139
2018-06-22T20:18:31+02:00	13.35525513	7.769465446	1.849979401	0.834614754	1.233975508
2018-06-22T20:28:31+02:00	13.35114288	7.776170731	1.863986969	0.833720207	1.381141551
2018-06-22T20:38:31+02:00	13.34989071	7.757395744	1.83403492	0.82626915	1.252093581
2018-06-22T20:48:31+02:00	13.3466568	7.765739441	1.851021767	0.845491409	1.151878197
2018-06-22T20:58:31+02:00	13.34507751	7.848739624	1.816452026	0.835508347	1.237355263
2018-06-22T21:08:31+02:00	13.34044361	7.768868446	1.881122589	0.817775726	1.17435965
2018-06-22T21:18:31+02:00	13.33785057	7.790773392	1.851320267	0.822991371	1.160586905
2018-06-22T21:28:31+02:00	13.33239651	7.781981468	1.859217644	0.842660904	1.306209451
2018-06-22T21:38:31+02:00	13.32662964	8.33228302	1.860708237	0.820458412	1.281272591
2018-06-22T21:48:31+02:00	13.32275581	7.793009758	1.863241196	0.839084625	1.206365449
2018-06-22T21:58:31+02:00	13.31828499	7.819234848	1.834183693	0.809580803	1.220750186
2018-06-22T22:08:31+02:00	13.31466484	7.797628403	1.871138573	0.809580803	1.392236073
2018-06-22T22:18:31+02:00	13.31192207	7.79703331	1.858621597	0.84504509	1.256728512
2018-06-22T22:28:31+02:00	13.31165409	7.794052124	1.857876778	0.832825661	1.345083415
2018-06-22T22:38:31+02:00	13.30739212	7.800758362	1.859068871	0.807196617	1.240280741
2018-06-22T22:48:31+02:00	13.3094492	7.82221508	1.861750603	0.825971603	1.361907839
2018-06-22T22:58:31+02:00	13.30216217	7.803589821	1.864433289	0.822991371	1.356026149
2018-06-22T23:08:31+02:00	13.29977798	7.832647324	1.900046349	0.83386898	1.362800144
2018-06-22T23:18:31+02:00	13.29609776	7.84203434	1.894384384	0.812112808	1.310685419
2018-06-22T23:28:31+02:00	13.29439926	7.804037094	1.845359802	0.803768158	1.377079333
2018-06-22T23:38:31+02:00	13.28931713	7.815659523	1.876502991	0.839530945	1.398814571
2018-06-22T23:48:31+02:00	13.28776741	7.803142548	1.87933445	0.826417923	1.400818631
2018-06-22T23:58:31+02:00	13.28419113	7.838755608	1.883209229	0.824332237	1.282709252
2018-06-23T00:08:31+02:00	13.28277588	7.81521225	1.895726204	0.819414139	1.301971348
2018-06-23T00:18:31+02:00	13.27949715	7.844717026	1.89706707	0.802725792	1.490558976
2018-06-23T00:28:31+02:00	13.27940845	7.815213203	1.882017136	0.824630737	1.467787907
2018-06-23T00:38:31+02:00	13.27577209	7.828621864	1.887529373	0.819116592	1.367516904
2018-06-23T00:48:31+02:00	13.27411842	7.811933517	1.895874023	0.795424461	1.387772923
2018-06-23T00:58:31+02:00	13.26912689	7.821322441	1.891255379	0.816286087	1.538006964
2018-06-23T01:08:31+02:00	13.26607132	7.832496643	1.872926712	0.802577019	1.401966704

2018-06-23T01:18:31+02:00	13.26341915	7.824599266	1.896172523	0.77009201	1.372415893
2018-06-23T01:28:31+02:00	13.26242065	7.808654785	1.893490791	0.785290718	1.365750348
2018-06-23T01:38:31+02:00	13.26063251	7.882118225	1.910478592	0.790207863	1.383910789
2018-06-23T01:48:31+02:00	13.25976849	7.797926903	1.873671532	0.812112808	1.411224864
2018-06-23T01:58:31+02:00	13.25759315	7.844566345	1.876950264	0.807642937	1.386096705
2018-06-23T02:08:31+02:00	13.25535774	7.845759392	1.899302483	0.801532745	1.415489584
2018-06-23T02:18:31+02:00	13.25288391	7.846951485	1.899600029	0.816285133	1.355880244
2018-06-23T02:28:31+02:00	13.25093174	7.830709457	1.852959633	0.801831245	1.487949343
2018-06-23T02:38:31+02:00	13.25002289	7.865428925	1.914053917	0.809282303	1.394678378
2018-06-23T02:48:31+02:00	13.24968052	7.844269753	1.864135742	0.795125961	1.372252229
2018-06-23T02:58:31+02:00	13.24880123	7.835179329	1.884698868	0.8179245	1.414851723
2018-06-23T03:08:31+02:00	13.24684906	7.861851692	1.892298698	0.806749344	1.386060327
2018-06-23T03:18:31+02:00	13.24477768	7.848293304	1.941472054	0.805706024	1.448562988
2018-06-23T03:28:31+02:00	13.24348164	7.861107826	1.910626411	0.785141945	1.455365645
2018-06-23T03:38:31+02:00	13.24211025	7.820726395	1.898854256	0.824033737	1.44135962
2018-06-23T03:48:31+02:00	13.24062061	7.873027802	1.924485207	0.811815262	1.565918387
2018-06-23T03:58:31+02:00	13.24003983	7.862597466	1.90645504	0.782012939	1.459378489
2018-06-23T04:08:31+02:00	13.23963737	7.818638802	1.905410767	0.815987587	1.498954352
2018-06-23T04:18:31+02:00	13.2383852	7.843076706	1.901239395	0.800341606	1.632950546
2018-06-23T04:28:31+02:00	13.23649311	7.87898922	1.914649963	0.79900074	1.578270404
2018-06-23T04:38:31+02:00	13.23463058	7.814914703	1.89632225	0.809728622	1.611263381
2018-06-23T04:48:31+02:00	13.23318481	7.829815865	1.916885376	0.802427292	1.455493581
2018-06-23T04:58:31+02:00	13.23229027	7.820130348	1.877993584	0.809579849	1.547357766
2018-06-23T05:08:31+02:00	13.23041344	7.852613449	1.935809135	0.784695625	1.524658027
2018-06-23T05:18:31+02:00	13.23097992	7.83220005	1.918822289	0.774710655	1.452483878
2018-06-23T05:28:31+02:00	13.23077106	7.862151146	1.911222458	0.794528961	1.649284601
2018-06-23T05:38:31+02:00	13.22947407	7.802099228	1.923441887	0.78901577	1.508519117
2018-06-23T05:48:31+02:00	13.22981739	7.816254616	1.938491821	0.763684273	1.477420812
2018-06-23T05:58:31+02:00	13.22765636	7.810295105	1.913309097	0.782757759	1.541202609
2018-06-23T06:08:31+02:00	13.22615147	7.83264637	1.917183876	0.791996002	1.577302031
2018-06-23T06:18:31+02:00	13.22515297	7.839799881	1.900643349	0.817030907	1.53776946
2018-06-23T06:28:31+02:00	13.22506332	7.822811127	1.893043518	0.797063828	1.555595941
2018-06-23T06:38:31+02:00	13.22472095	7.817893982	1.921206474	0.774711609	1.60098912
2018-06-23T06:48:31+02:00	13.22492981	7.839352608	1.90615654	0.793636322	1.701787712
2018-06-23T06:58:31+02:00	13.22446728	7.800012589	1.909435272	0.787228584	1.663847711
2018-06-23T07:08:31+02:00	13.22524261	7.811337471	1.939087868	0.805408478	1.539102396
2018-06-23T07:18:31+02:00	13.22634506	7.807165146	1.921355247	0.787823677	1.506876057
2018-06-23T07:28:31+02:00	13.22869968	7.848589897	1.931637764	0.776350021	1.584118371
2018-06-23T07:38:31+02:00	13.23315525	7.829368591	1.931488037	0.794381142	1.601756605
2018-06-23T07:48:31+02:00	13.23613548	7.819383621	1.913606644	0.764131546	1.575200662
2018-06-23T07:58:31+02:00	13.23914528	7.849634171	1.929700851	0.801831245	1.603127804
2018-06-23T08:08:31+02:00	13.24199104	7.874965668	1.926273346	0.7805233	1.66765362
2018-06-23T08:18:31+02:00	13.2463131	7.835775375	1.909286499	0.793487549	1.597662361
2018-06-23T08:28:31+02:00	13.2501421	7.826834679	1.936107635	0.7802248	1.661359578
2018-06-23T08:38:31+02:00	13.25541687	7.92324543	1.939237595	0.773519516	1.575145462
2018-06-23T08:48:31+02:00	13.2630024	7.81521225	1.918375015	0.794083595	1.634578486
2018-06-23T08:58:31+02:00	13.27432728	7.90417099	1.923441887	0.782459259	1.634560226
2018-06-23T09:08:31+02:00	13.28065968	7.861256599	1.922100067	0.787973404	1.715464535
2018-06-23T09:18:31+02:00	13.28307343	7.842480659	1.944602013	0.803619385	1.700634348
2018-06-23T09:28:31+02:00	13.28720188	7.818639755	1.928210258	0.804811478	1.689614842

2018-06-23T09:38:31+02:00	13.28495121	7.828325272	1.946091652	0.777989388	1.774851565
2018-06-23T09:48:31+02:00	13.28422165	7.828176498	1.924037933	0.782906532	1.860555095
2018-06-23T09:58:31+02:00	13.28422165	7.791369438	1.941174507	0.761598587	1.957301488
2018-06-23T10:08:31+02:00	13.28918362	7.80478096	1.948029518	0.787228584	1.769904232
2018-06-23T10:18:31+02:00	13.29201508	7.818638802	1.933425903	0.782161713	1.785371735
2018-06-23T10:28:31+02:00	13.2901516	7.826984406	1.928359032	0.793636322	1.990612175
2018-06-23T10:38:31+02:00	13.29265499	7.792116165	1.945495605	0.776052475	1.718595856
2018-06-23T10:48:31+02:00	13.29299831	7.792561531	1.929551125	0.773966789	1.81371274
2018-06-23T10:58:31+02:00	13.29322147	7.799714088	1.957118988	0.777989388	2.01689514
2018-06-23T11:08:31+02:00	13.29652977	7.829517365	1.952945709	0.773221016	1.795342954
2018-06-23T11:18:31+02:00	13.29901791	7.813572884	1.967549324	0.764728546	1.787680715
2018-06-23T11:28:31+02:00	13.31782341	7.885993004	1.956969261	0.764131546	1.861252091
2018-06-23T11:38:31+02:00	13.29959965	7.845311165	1.945495605	0.783353806	1.789623768
2018-06-23T11:48:31+02:00	13.29424953	7.866024017	1.94162178	0.791103363	1.861453582
2018-06-23T11:58:31+02:00	13.29623127	7.855892181	1.95249939	0.761300087	1.829647574
2018-06-23T12:08:31+02:00	13.29876518	7.864087105	1.940727234	0.760108948	1.919157606
2018-06-23T12:18:31+02:00	13.30156612	7.853507042	1.983046532	0.770688057	1.909243488
2018-06-23T12:28:31+02:00	13.30330944	7.847845078	1.977682114	0.775754929	1.947492614
2018-06-23T12:38:31+02:00	13.30778027	7.839352608	1.959353447	0.775307655	2.188121316
2018-06-23T12:48:31+02:00	13.30856991	7.855892181	1.95071125	0.780374527	1.962555326
2018-06-23T12:58:31+02:00	13.31448555	7.83234787	1.982300758	0.750124931	1.925951196
2018-06-23T13:08:31+02:00	13.31704903	7.83294487	1.979917526	0.767559052	1.867783684
2018-06-23T13:18:31+02:00	13.32314301	7.850081444	1.96814537	0.752955437	2.185284062
2018-06-23T13:28:31+02:00	13.32730103	7.815361977	1.991689682	0.795871735	1.992449294
2018-06-23T13:38:31+02:00	13.32959557	7.845460892	1.975595474	0.750720978	2.122000057
2018-06-23T13:48:31+02:00	13.32093811	7.807016373	1.959204674	0.769943237	2.123730751
2018-06-23T13:58:31+02:00	13.32487202	7.808059692	1.970678329	0.756084442	1.896155524
2018-06-23T14:08:31+02:00	13.32992363	7.791519165	1.991242409	0.755936623	1.96821351
2018-06-23T14:18:31+02:00	13.33884907	7.79509449	1.969635963	0.765769958	2.106688261
2018-06-23T14:28:31+02:00	13.3266449	7.809102058	1.954138756	0.767409325	2.00654638
2018-06-23T14:38:31+02:00	13.32174206	7.7682724	1.995116234	0.719874382	1.939485594
2018-06-23T14:48:31+02:00	13.31661606	7.819980621	1.986920357	0.737459183	2.011821298
2018-06-23T14:58:31+02:00	13.3192091	7.769763947	1.995861053	0.747143745	2.105841691
2018-06-23T15:08:31+02:00	13.31797218	7.761715889	2.012848854	0.729262352	2.015442884
2018-06-23T15:18:31+02:00	13.32174206	7.76991272	2.009571075	0.739246368	2.058984004
2018-06-23T15:28:31+02:00	13.32442474	7.75948143	1.99779892	0.757724762	2.118374336
2018-06-23T15:38:31+02:00	13.32528877	7.774382591	2.004355431	0.748038292	2.039159365
2018-06-23T15:48:31+02:00	13.32804585	7.762907982	2.006590843	0.739395142	2.174472967
2018-06-23T15:58:31+02:00	13.33117485	7.760672569	2.019702911	0.764131546	2.173625732
2018-06-23T16:08:31+02:00	13.33318615	7.74130249	1.985133171	0.765770912	2.144844908
2018-06-23T16:18:31+02:00	13.32521439	7.713884354	2.025067329	0.748634338	2.188176016
2018-06-23T16:28:31+02:00	13.3238287	7.74338913	2.027153969	0.755489349	2.193573043
2018-06-23T16:38:31+02:00	13.32314301	7.708222389	2.028792381	0.75265789	2.171913371
2018-06-23T16:48:31+02:00	13.31916428	7.730722427	2.00450325	0.758915901	2.265370231
2018-06-23T16:58:31+02:00	13.32019234	7.745326042	2.009719849	0.741481781	2.195028811
2018-06-23T17:08:31+02:00	13.31704903	7.72252655	1.986621857	0.744909286	2.158175156
2018-06-23T17:18:31+02:00	13.31599045	7.694213867	2.028494835	0.739842415	2.140499976
2018-06-23T17:28:31+02:00	13.31579685	7.713884354	2.005994797	0.748634338	2.165688431
2018-06-23T17:38:31+02:00	13.3102684	7.718653679	2.010018349	0.741630554	2.186518541
2018-06-23T17:48:31+02:00	13.3066473	7.695257187	2.008676529	0.751763344	2.275658482

2018-06-23T17:58:31+02:00	13.3041296	7.698983192	1.997053146	0.756084442	2.216823399
2018-06-23T18:08:31+02:00	13.3033247	7.67931366	2.027750015	0.755190849	2.343146889
2018-06-23T18:18:31+02:00	13.30170059	7.694066048	2.003759384	0.741481781	2.313961449
2018-06-23T18:28:31+02:00	13.29843712	7.666647911	1.993626595	0.746250153	2.243913936
2018-06-23T18:38:31+02:00	13.2958889	7.659495354	2.043395996	0.736713409	2.480985402
2018-06-23T18:48:31+02:00	13.29381752	7.660984039	2.038926125	0.740289688	2.361932369
2018-06-23T18:58:31+02:00	13.29383278	7.666795731	2.032518387	0.750720024	2.218095112
2018-06-23T19:08:31+02:00	13.28685856	7.631033897	2.03192234	0.731051445	2.273795957
2018-06-23T19:18:31+02:00	13.28472805	7.665753365	2.018810272	0.756531715	2.305827132
2018-06-23T19:28:31+02:00	13.28316307	7.649808884	2.040266991	0.730455399	2.489744465
2018-06-23T19:38:31+02:00	13.28296947	7.653385162	2.041309357	0.74431324	2.521497607
2018-06-23T19:48:31+02:00	13.28426552	7.663221359	2.035498619	0.735967636	2.292438023
2018-06-23T19:58:31+02:00	13.28682899	7.667243958	2.035945892	0.721663475	2.235066848
2018-06-23T20:08:31+02:00	13.28530884	7.619560242	2.042948723	0.751614571	2.225576224
2018-06-23T20:18:31+02:00	13.28623295	7.612705231	2.035945892	0.725984573	2.257756505
2018-06-23T20:28:31+02:00	13.28349113	7.620603561	2.039820671	0.71614933	2.307505688
2018-06-23T20:38:31+02:00	13.2810173	7.656366348	2.028494835	0.712125778	2.221780161
2018-06-23T20:48:31+02:00	13.2798996	7.610470772	2.02462101	0.71719265	2.335453045
2018-06-23T20:58:31+02:00	13.27891636	7.610619545	2.023875237	0.707953453	2.309958654
2018-06-23T21:08:31+02:00	13.27806664	7.581711769	2.001971245	0.717937469	2.263655636
2018-06-23T21:18:31+02:00	13.27423763	7.583797455	2.038032532	0.724643707	2.558234752
2018-06-23T21:28:31+02:00	13.27188301	7.590502739	2.031027794	0.730008125	2.441950017
2018-06-23T21:38:31+02:00	13.26997566	7.621048927	2.036989212	0.727474213	2.387163505
2018-06-23T21:48:31+02:00	13.26835155	7.558017731	2.05069828	0.741780281	2.324586671
2018-06-23T21:58:31+02:00	13.26823235	7.560103416	2.049654961	0.742524147	2.378026258
2018-06-23T22:08:31+02:00	13.26742744	7.561742783	2.053380013	0.721662521	2.316746556
2018-06-23T22:18:31+02:00	13.265625	7.573217392	2.058595657	0.736713409	2.342574871
2018-06-23T22:28:31+02:00	13.26429844	7.618219376	2.035647392	0.744909286	2.272984596
2018-06-23T22:38:31+02:00	13.26410484	7.601976395	2.035200119	0.748931885	2.418014802
2018-06-23T22:48:31+02:00	13.2640152	7.573366165	2.048760414	0.741034508	2.356635906
2018-06-23T22:58:31+02:00	13.26341915	7.652342796	2.037585258	0.749527931	2.383471358
2018-06-23T23:08:31+02:00	13.26306152	7.692873955	2.05948925	0.72479248	2.593079639
2018-06-23T23:18:31+02:00	13.2623167	7.689892769	1.985877991	0.726283073	4.195283391
2018-06-23T23:28:31+02:00	13.26191425	7.537602425	1.974851608	0.711082458	2.235970342
2018-06-23T23:38:31+02:00	13.26078224	7.55280304	1.936257362	0.721961021	2.277556919
2018-06-23T23:48:31+02:00	13.26006699	7.448195457	1.928210258	0.724494934	1.960736289
2018-06-23T23:58:31+02:00	13.25821877	7.426738739	1.949369431	0.729859352	2.018567666
2018-06-24T00:08:31+02:00	13.2580843	7.469355583	1.931339264	0.70840168	2.022887966
2018-06-24T00:18:31+02:00	13.25783157	7.422715187	1.938343048	0.697076797	1.991824528
2018-06-24T00:28:31+02:00	13.25646019	7.450282097	1.966208458	0.698566437	2.050524411
2018-06-24T00:38:31+02:00	13.25681782	7.436424255	1.927614212	0.677257538	2.02461615
2018-06-24T00:48:31+02:00	13.25634098	7.471294403	1.947134972	0.692605972	2.091342006
2018-06-24T00:58:31+02:00	13.25644588	7.444171906	1.950562477	0.68053627	2.195544255
2018-06-24T01:08:31+02:00	13.25522327	7.448942184	1.928806305	0.675767899	2.06702207
2018-06-24T01:18:31+02:00	13.25444889	7.489622116	1.939386368	0.702440262	2.136744819
2018-06-24T01:28:31+02:00	13.2527504	7.456987381	1.937598228	0.710784912	2.033606866
2018-06-24T01:38:31+02:00	13.25190067	7.461755753	1.948923111	0.705421448	2.132363537
2018-06-24T01:48:31+02:00	13.25030613	7.500051498	1.957862854	0.711829185	2.094359409
2018-06-24T01:58:31+02:00	13.25048542	7.468313217	1.950263977	0.704825401	2.09093693
2018-06-24T02:08:31+02:00	13.24841404	7.493494987	1.96158886	0.690221786	2.037320729

2018-06-24T02:18:31+02:00	13.24868202	7.492899895	1.941472054	0.717639923	2.087754327
2018-06-24T02:28:31+02:00	13.24757957	7.462948799	1.965761185	0.700653076	2.30540313
2018-06-24T02:38:31+02:00	13.24655151	7.466673851	1.943260193	0.685750961	2.141254986
2018-06-24T02:48:31+02:00	13.24520969	7.465631485	1.956969261	0.695586205	2.135308872
2018-06-24T02:58:31+02:00	13.2440033	7.471441269	1.95041275	0.720471382	2.111969977
2018-06-24T03:08:31+02:00	13.24221516	7.435829163	1.958906174	0.696629524	2.156242023
2018-06-24T03:18:31+02:00	13.24157429	7.447301865	1.949071884	0.695735931	2.201089348
2018-06-24T03:28:31+02:00	13.24091816	7.511526108	1.953542709	0.681727409	2.189981118
2018-06-24T03:38:31+02:00	13.23924923	7.482171059	1.95980072	0.709445	2.34423567
2018-06-24T03:48:31+02:00	13.23796844	7.479042053	1.990496635	0.700950623	2.164344404
2018-06-24T03:58:31+02:00	13.23802757	7.478297234	1.967102051	0.68917942	2.227014118
2018-06-24T04:08:31+02:00	13.23713398	7.462800026	1.960694313	0.691562653	2.205013285
2018-06-24T04:18:31+02:00	13.23665714	7.457881927	1.965612411	0.697374344	2.243969142
2018-06-24T04:28:31+02:00	13.2401886	7.455646515	1.968442917	0.692308426	2.356599058
2018-06-24T04:38:31+02:00	13.23668671	7.464587212	1.984089851	0.683962822	2.239250835
2018-06-24T04:48:31+02:00	13.23595619	7.453264236	1.965314865	0.705420494	2.168892778
2018-06-24T04:58:31+02:00	13.23530102	7.460712433	1.981855392	0.688732147	2.157089089
2018-06-24T05:08:31+02:00	13.2345705	7.422416687	1.957267761	0.689178467	2.107866031
2018-06-24T05:18:31+02:00	13.23433208	7.409751892	1.973361015	0.672340393	2.161029917
2018-06-24T05:28:31+02:00	13.23339367	7.412434578	1.987218857	0.687837601	2.168800846
2018-06-24T05:38:31+02:00	13.23217201	7.421375275	1.991688728	0.66146183	2.159114634
2018-06-24T05:48:31+02:00	13.23184395	7.423758507	1.966953278	0.686795235	2.375940541
2018-06-24T05:58:31+02:00	13.23151588	7.465184212	1.98662281	0.694841385	2.12689679
2018-06-24T06:08:31+02:00	13.2309351	7.356703758	1.984388351	0.686794281	2.202121251
2018-06-24T06:18:31+02:00	13.22987652	7.397531509	1.972764969	0.670254707	2.328294924
2018-06-24T06:28:31+02:00	13.22987652	7.371603966	1.974105835	0.658631325	2.158764862
2018-06-24T06:38:31+02:00	13.23053265	7.400214195	1.986920357	0.68128109	2.260577186
2018-06-24T06:48:31+02:00	13.23041344	7.388591766	2.016573906	0.666081429	2.244780244
2018-06-24T06:58:31+02:00	13.22953415	7.3702631	2.017765999	0.670701027	2.213065444
2018-06-24T07:08:31+02:00	13.23020458	7.40438652	1.991092682	0.667273521	2.28657385
2018-06-24T07:18:31+02:00	13.23132229	7.383377075	1.965463638	0.660270691	2.346505381
2018-06-24T07:28:31+02:00	13.23282719	7.439851761	1.978874207	0.662506104	2.271343959
2018-06-24T07:38:31+02:00	13.23494339	7.381440163	1.985281944	0.663995743	2.283679196
2018-06-24T07:48:31+02:00	13.23826599	7.417650223	2.004951477	0.657885551	2.327095346
2018-06-24T07:58:31+02:00	13.24365997	7.395744324	1.980960846	0.686496735	2.368816185
2018-06-24T08:08:31+02:00	13.24932289	7.508694649	1.990198135	0.663697243	2.470361663
2018-06-24T08:18:31+02:00	13.25210953	7.362514496	1.978575706	0.662356377	2.272726415
2018-06-24T08:28:31+02:00	13.25592422	7.385462761	2.004950523	0.66310215	2.458888751
2018-06-24T08:38:31+02:00	13.26364326	7.380693436	1.985729218	0.658035278	2.369831555
2018-06-24T08:48:31+02:00	13.26575851	7.393956184	1.980513573	0.667125702	2.419086006
2018-06-24T08:58:31+02:00	13.26961803	7.356851578	1.985728264	0.672489166	2.587622929
2018-06-24T09:08:31+02:00	13.26873875	7.378162384	1.95190239	0.666081429	2.403557083
2018-06-24T09:18:31+02:00	13.27466965	7.402896881	1.989006996	0.653565407	2.311268976
2018-06-24T09:28:31+02:00	13.27578735	7.36057663	2.01627636	0.666082382	2.382548934
2018-06-24T09:38:31+02:00	13.28039169	7.377117157	1.981258392	0.659525871	2.404794502
2018-06-24T09:48:31+02:00	13.28398323	7.370412827	2.012700081	0.663250923	2.358702299
2018-06-24T09:58:31+02:00	13.28879547	7.365942955	1.999735832	0.637173653	2.431255832
2018-06-24T10:08:31+02:00	13.28967476	7.36951828	1.966953278	0.655949593	2.350029801
2018-06-24T10:18:31+02:00	13.28594971	7.385461807	1.972616196	0.65341568	2.35377544
2018-06-24T10:28:31+02:00	13.28310394	7.3699646	1.993476868	0.685603142	2.438717712

2018-06-24T10:38:31+02:00	13.2814045	7.391571999	1.982897758	0.662952423	2.383305491
2018-06-24T10:48:31+02:00	13.28812504	7.343888283	1.966058731	0.669508934	2.404037302
2018-06-24T10:58:31+02:00	13.29742336	7.372200012	1.98736763	0.65311718	2.487434468
2018-06-24T11:08:31+02:00	13.29745388	7.3869524	2.000630379	0.653266907	2.324014767
2018-06-24T11:18:31+02:00	13.3030262	7.374285698	1.993626595	0.648051262	2.389046258
2018-06-24T11:28:31+02:00	13.31473923	7.377267838	1.96948719	0.641345978	2.3777125
2018-06-24T11:38:31+02:00	13.30523205	7.382632256	2.003908157	0.677108765	2.415356226
2018-06-24T11:48:31+02:00	13.30609608	7.372648239	2.003461838	0.651777267	2.475719743
2018-06-24T11:58:31+02:00	13.30567932	7.384568214	2.010762215	0.643730164	2.396486425
2018-06-24T12:08:31+02:00	13.30783939	7.365942001	1.983046532	0.645368576	2.446844545
2018-06-24T12:18:31+02:00	13.30840588	7.344037056	1.986026764	0.652074814	2.647202139
2018-06-24T12:28:31+02:00	13.30934429	7.392465591	2.02357769	0.667124748	2.554813551
2018-06-24T12:38:31+02:00	13.31396389	7.362067223	1.974553108	0.659377098	2.434340372
2018-06-24T12:48:31+02:00	13.31515598	7.386654854	2.002268791	0.678748131	2.577283305
2018-06-24T12:58:31+02:00	13.32223415	7.363111496	2.016275406	0.683814049	2.51512014
2018-06-24T13:08:31+02:00	13.31986523	7.390826225	1.990347862	0.684411049	2.413546223
2018-06-24T13:18:31+02:00	13.32268143	7.377863884	2.004056931	0.717788696	2.392166303
2018-06-24T13:28:31+02:00	13.32460308	7.483660698	2.083480835	0.698120117	2.785382755
2018-06-24T13:38:31+02:00	13.32707691	7.411091805	2.067386627	0.709295273	2.811182278
2018-06-24T13:48:31+02:00	13.32043076	7.426739693	2.062917709	0.728964806	2.749806127
2018-06-24T13:58:31+02:00	13.32058048	7.4422369	2.065300941	0.687390327	2.777302621
2018-06-24T14:08:31+02:00	13.32054996	7.456392288	2.061574936	0.700950623	2.976819118
2018-06-24T14:18:31+02:00	13.31485844	7.394701004	2.052336693	0.679344177	2.718705605
2018-06-24T14:28:31+02:00	13.31059647	7.428378105	2.0514431	0.662654877	2.701371303
2018-06-24T14:38:31+02:00	13.31186295	7.447897911	2.056062698	0.684856415	2.737728083
2018-06-24T14:48:31+02:00	13.30965805	7.392764091	2.05039978	0.69797039	2.721465093
2018-06-24T14:58:31+02:00	13.31484318	7.398874283	2.038777351	0.717639923	2.722057776
2018-06-24T15:08:31+02:00	13.31193733	7.431804657	2.049953461	0.71674633	2.760163271
2018-06-24T15:18:31+02:00	13.31163979	7.42316246	2.056360245	0.690073013	2.842161679
2018-06-24T15:28:31+02:00	13.31265259	7.416903496	2.057999611	0.697820663	2.856661963
2018-06-24T15:38:31+02:00	13.31169891	7.387249947	2.065003395	0.692754745	2.646943439
2018-06-24T15:48:31+02:00	13.31208611	7.599294662	1.987218857	0.724047661	2.298468759
2018-06-24T15:58:31+02:00	13.31704903	7.601677895	1.985877991	0.728518486	2.290133285
2018-06-24T16:08:31+02:00	13.31895638	7.576495171	1.981555939	0.697224617	2.315013056
2018-06-24T16:18:31+02:00	13.3175106	7.606743813	1.993328094	0.763982773	2.105547254
2018-06-24T16:28:31+02:00	13.31937313	7.617474556	1.969039917	0.758022308	2.035537207
2018-06-24T16:38:31+02:00	13.31779385	7.597058296	1.981854439	0.753849983	2.043756603
2018-06-24T16:48:31+02:00	13.31576729	7.618070602	1.949071884	0.761597633	2.065108421
2018-06-24T16:58:31+02:00	13.31293583	7.609427452	1.980513573	0.775157928	2.081462481
2018-06-24T17:08:31+02:00	13.31825542	7.632076263	1.967698097	0.78096962	2.266034274
2018-06-24T17:18:31+02:00	13.31378555	7.598251343	1.982003212	0.7258358	2.0784818
2018-06-24T17:28:31+02:00	13.31455994	7.633716583	1.965015411	0.764727592	2.065127256
2018-06-24T17:38:31+02:00	13.31001472	7.608681679	1.994669914	0.728816032	2.266015396
2018-06-24T17:48:31+02:00	13.310462	7.633268356	2.010613441	0.773966789	2.072962945
2018-06-24T17:58:31+02:00	13.30949402	7.60585022	1.957565308	0.772326469	2.11896377
2018-06-24T18:08:31+02:00	13.30620003	7.617771149	1.997053146	0.770390511	2.262420562
2018-06-24T18:18:31+02:00	13.30165577	7.600486755	2.001821518	0.758171082	2.158856783
2018-06-24T18:28:31+02:00	13.30032921	7.581860542	1.981258392	0.774413109	2.08902368
2018-06-24T18:38:31+02:00	13.29743862	7.59467411	1.969486237	0.756531715	2.442540601
2018-06-24T18:48:31+02:00	13.29560566	7.590949059	1.990944862	0.789315224	2.268467723

2018-06-24T18:58:31+02:00	13.29264069	7.565617561	1.989454269	0.762194633	2.179869153
2018-06-24T19:08:31+02:00	13.28890038	7.576048851	1.989900589	0.773817062	2.351874966
2018-06-24T19:18:31+02:00	13.28980923	7.585882187	1.980959892	0.732689857	2.196373308
2018-06-24T19:28:31+02:00	13.28414726	7.547140121	1.990496635	0.738501549	3.130295765
2018-06-24T19:38:31+02:00	13.28420639	7.568449974	1.978874207	0.768304825	2.202066071
2018-06-24T19:48:31+02:00	13.28311825	7.551312447	1.990347862	0.75235939	2.176664877
2018-06-24T19:58:31+02:00	13.28168774	7.549225807	1.999587059	0.749081612	2.410757781
2018-06-24T20:08:31+02:00	13.28237343	7.548333168	2.012550354	0.769794464	2.194347375
2018-06-24T20:18:31+02:00	13.28235817	7.544309616	2.010910988	0.739842415	2.3109918
2018-06-24T20:28:31+02:00	13.28223991	7.539093971	2.004652977	0.728071213	2.23878987
2018-06-24T20:38:31+02:00	13.28305912	7.557124138	2.023428917	0.7802248	2.275824157
2018-06-24T20:48:31+02:00	13.28359509	7.547288895	2.000629425	0.747889519	2.39620947
2018-06-24T20:58:31+02:00	13.28149414	7.547737122	2.02253437	0.759959221	2.262826431
2018-06-24T21:08:31+02:00	13.28022766	7.532686234	2.000927925	0.758171082	2.257959429
2018-06-24T21:18:31+02:00	13.28241825	7.518381119	2.009123802	0.72762394	2.281521011
2018-06-24T21:28:31+02:00	13.2773819	7.549524307	2.018958092	0.776797295	2.559584424
2018-06-24T21:38:31+02:00	13.27593613	7.552503586	2.020150185	0.76174736	2.238494985
2018-06-24T21:48:31+02:00	13.27540016	7.527172089	1.982599258	0.769495964	2.366859656
2018-06-24T21:58:31+02:00	13.27574253	7.49766922	1.995265961	0.75310421	2.424422821
2018-06-24T22:08:31+02:00	13.27444649	7.501691818	2.02253437	0.740884781	2.286370863
2018-06-24T22:18:31+02:00	13.27431202	7.51480484	1.96009922	0.752210617	2.324789743
2018-06-24T22:28:31+02:00	13.27197266	7.484257698	1.997053146	0.738203049	2.493347941
2018-06-24T22:38:31+02:00	13.27128696	7.499902725	1.976043701	0.760555267	2.357705946
2018-06-24T22:48:31+02:00	13.27154064	7.516145706	1.994222641	0.760852814	2.594726227
2018-06-24T22:58:31+02:00	13.27122784	7.51554966	2.002864838	0.746250153	3.057507897
2018-06-24T23:08:31+02:00	13.26899242	7.522254944	2.004354477	0.731796265	2.484552133
2018-06-24T23:18:31+02:00	13.26724911	7.508247375	2.021639824	0.7261343	2.384579034
2018-06-24T23:28:31+02:00	13.2671442	7.482618332	1.993626595	0.77009201	2.426639135
2018-06-24T23:38:31+02:00	13.26642895	7.509290695	2.016425133	0.75340271	2.416390528
2018-06-24T23:48:31+02:00	13.26486492	7.506311417	2.004652977	0.742375374	2.473262028
2018-06-24T23:58:31+02:00	13.26322556	7.488430023	2.012401581	0.749677658	2.495473567
2018-06-25T00:08:31+02:00	13.26303196	7.496177673	1.996009827	0.741333008	2.350398737
2018-06-25T00:18:31+02:00	13.26176548	7.538497925	2.000779152	0.73462677	2.432474696
2018-06-25T00:28:31+02:00	13.26057339	7.491707802	1.981704712	0.741630554	2.373061533
2018-06-25T00:38:31+02:00	13.26096058	7.486789703	2.008826256	0.761151314	2.445219313
2018-06-25T00:48:31+02:00	13.25963402	7.494539261	2.03162384	0.745952606	2.429076761
2018-06-25T00:58:31+02:00	13.25912762	7.486343384	1.981704712	0.752955437	2.442079104
2018-06-25T01:08:31+02:00	13.25759315	7.496772766	2.00688839	0.770688057	2.497746376
2018-06-25T01:18:31+02:00	13.2578907	7.503778458	2.032071114	0.742376328	2.488414188
2018-06-25T01:28:31+02:00	13.25623703	7.608681679	2.012401581	0.742525101	2.487915102
2018-06-25T01:38:31+02:00	13.25573063	7.526427269	2.010911942	0.729709625	2.457909326
2018-06-25T01:48:31+02:00	13.2550745	7.50675869	2.010911942	0.741481781	2.503032137
2018-06-25T01:58:31+02:00	13.25523853	7.52419281	1.983344078	0.730008125	2.526858458
2018-06-25T02:08:31+02:00	13.2542696	7.503777504	1.991242409	0.7635355	2.523013362
2018-06-25T02:18:31+02:00	13.25273514	7.478147507	2.003163338	0.735521317	2.424441258
2018-06-25T02:28:31+02:00	13.25233269	7.50481987	2.004951477	0.733137131	2.500943726
2018-06-25T02:38:31+02:00	13.25143909	7.503927231	2.016722679	0.737905502	2.500555762
2018-06-25T02:48:31+02:00	13.24996376	7.499307632	2.007335663	0.735074043	2.49107476
2018-06-25T02:58:31+02:00	13.24871159	7.534475327	2.016275406	0.727622986	2.449726241
2018-06-25T03:08:31+02:00	13.24823475	7.524043083	2.007782936	0.753849983	2.487638359

2018-06-25T03:18:31+02:00	13.24768353	7.549077034	2.017021179	0.733584404	2.549376888
2018-06-25T03:28:31+02:00	13.24710274	7.526724815	2.008676529	0.725388527	2.585791779
2018-06-25T03:38:31+02:00	13.2460146	7.532388687	1.990496635	0.736266136	2.575008218
2018-06-25T03:48:31+02:00	13.24605942	7.549821854	2.021938324	0.750869751	2.545290471
2018-06-25T03:58:31+02:00	13.24565697	7.4252491	2.037286758	0.708699226	2.542314161
2018-06-25T04:08:31+02:00	13.2442112	7.519124985	2.026706696	0.721961975	2.57850444
2018-06-25T04:18:31+02:00	13.24377918	7.533432007	2.010166168	0.731051445	2.51369725
2018-06-25T04:28:31+02:00	13.24245358	7.508844376	2.029836655	0.727325439	2.448506688
2018-06-25T04:38:31+02:00	13.24190235	7.516890526	2.043694496	0.726878166	2.470213619
2018-06-25T04:48:31+02:00	13.24111176	7.517785072	2.029239655	0.726133347	2.529557449
2018-06-25T04:58:31+02:00	13.2410078	7.520915031	2.039223671	0.725090027	2.581740825
2018-06-25T05:08:31+02:00	13.23941326	7.518232346	2.014785767	0.740289688	2.578115702
2018-06-25T05:18:31+02:00	13.23926449	7.348209381	2.009272575	0.721067429	2.934074167
2018-06-25T05:28:31+02:00	13.23908615	7.354318619	1.936257362	0.729263306	2.317724055
2018-06-25T05:38:31+02:00	13.2388916	7.37845993	1.953691483	0.728368759	2.54275814
2018-06-25T05:48:31+02:00	13.23766994	7.411837578	1.959354401	0.724047661	2.58457103
2018-06-25T05:58:31+02:00	13.23720837	7.376223564	1.963228226	0.728368759	2.35458751
2018-06-25T06:08:31+02:00	13.23689556	7.345676422	1.95249939	0.706166267	2.335895604
2018-06-25T06:18:31+02:00	13.23729706	7.364749908	1.944602013	0.713616371	2.361913471
2018-06-25T06:28:31+02:00	13.23649311	7.370859146	1.980513573	0.732392311	2.31171142
2018-06-25T06:38:31+02:00	13.23588181	7.409304619	1.943856239	0.721216202	2.405569669
2018-06-25T06:48:31+02:00	13.23628426	7.382781029	1.96084404	0.744610786	2.343091624
2018-06-25T06:58:31+02:00	13.23811722	7.416456223	1.979470253	0.721812248	2.333902922
2018-06-25T07:08:31+02:00	13.23917484	7.397680283	1.95980072	0.699460983	2.355731697
2018-06-25T07:18:31+02:00	13.2408886	7.405578613	1.973361015	0.728965759	2.40313264
2018-06-25T07:28:31+02:00	13.24203587	7.340014458	1.983195305	0.71644783	2.360584958
2018-06-25T07:38:31+02:00	13.2430191	7.33405304	1.96039772	0.70810318	2.4290952
2018-06-25T07:48:31+02:00	13.24513531	7.364154816	1.974105835	0.711977005	2.410629209
2018-06-25T07:58:31+02:00	13.24810123	7.43329525	1.96889019	0.72658062	2.439880876
2018-06-25T08:08:31+02:00	13.25146866	7.365792274	1.958013535	0.713617325	2.375479365
2018-06-25T08:18:31+02:00	13.25495529	7.395744324	1.944005966	0.699012756	2.302710434
2018-06-25T08:28:31+02:00	13.26018524	7.470697403	1.99779892	0.692308426	2.37101278
2018-06-25T08:38:31+02:00	13.26626587	7.388442993	1.970380783	0.713467598	2.331264656
2018-06-25T08:48:31+02:00	13.27343273	7.345675468	1.971870422	0.718384743	2.419769578
2018-06-25T08:58:31+02:00	13.28584576	7.363111496	1.980959892	0.730455399	2.518096114
2018-06-25T09:08:31+02:00	13.29271507	7.348954201	1.959204674	0.721216202	2.387218796
2018-06-25T09:18:31+02:00	13.29562092	7.349550247	1.982599258	0.681132317	2.482482562
2018-06-25T09:28:31+02:00	13.30541039	7.36117363	1.983941078	0.708251953	2.446789219
2018-06-25T09:38:31+02:00	13.30235577	7.307380676	1.959354401	0.706762314	2.389102022
2018-06-25T09:48:31+02:00	13.30325031	7.318109512	2.002268791	0.727027893	2.467682732
2018-06-25T09:58:31+02:00	13.30572319	7.340459824	1.962036133	0.717490196	2.403095773
2018-06-25T10:08:31+02:00	13.30798912	7.32317543	2.003609657	0.722110748	2.493791703
2018-06-25T10:18:31+02:00	13.31204224	7.399915695	1.993776321	0.722259521	2.412659907
2018-06-25T10:28:31+02:00	13.31347275	7.329880714	1.998693466	0.704378128	2.499372952
2018-06-25T10:38:31+02:00	13.31631851	7.320492744	1.990943909	0.6708498	2.526470393
2018-06-25T10:48:31+02:00	13.31831551	7.30603981	1.961737633	0.694692612	2.482150015
2018-06-25T10:58:31+02:00	13.31940269	7.35238266	1.990943909	0.685603142	2.467571585
2018-06-25T11:08:31+02:00	13.32096767	7.367433548	1.982748985	0.710338593	2.38945268
2018-06-25T11:18:31+02:00	13.32530403	7.389336586	1.986920357	0.709444046	2.565150884
2018-06-25T11:28:31+02:00	13.34609127	7.305443764	1.989006996	0.690073013	2.68454036

2018-06-25T11:38:31+02:00	13.32111645	7.37830925	2.001523972	0.69946003	2.456505706
2018-06-25T11:48:31+02:00	13.31970119	7.68765831	1.960992813	0.753551483	2.238458184
2018-06-25T11:58:31+02:00	13.31545448	7.524043083	1.919119835	0.769644737	2.075667464
2018-06-25T12:08:31+02:00	13.31755543	7.483064651	1.942962646	0.785886765	1.794939387
2018-06-25T12:18:31+02:00	13.320014	7.495134354	1.912563324	0.801681519	1.888685126
2018-06-25T12:28:31+02:00	13.32531834	7.47725296	1.918375015	0.777990341	1.772708117
2018-06-25T12:38:31+02:00	13.3238287	7.490962982	1.962036133	0.780076027	1.766898747
2018-06-25T12:48:31+02:00	13.32590008	7.502882957	1.910775185	0.78961277	1.880280555
2018-06-25T12:58:31+02:00	13.33166695	7.497369766	1.924633026	0.785738945	1.887143585
2018-06-25T13:08:31+02:00	13.34048843	7.485150337	1.937747002	0.794082642	1.901753977
2018-06-25T13:18:31+02:00	13.33457184	7.446854591	1.956075668	0.716895103	2.072502861
2018-06-25T13:28:31+02:00	13.35070992	7.483809471	1.945645332	0.774413109	2.301050378
2018-06-25T13:38:31+02:00	13.34229088	7.456838608	1.990646362	0.788122177	2.241241458
2018-06-25T13:48:31+02:00	13.33691216	7.323176384	1.858174324	0.783056259	1.727330999
2018-06-25T13:58:31+02:00	13.33092117	7.456391335	1.869648933	0.785142899	1.721159611
2018-06-25T14:08:31+02:00	13.35144043	7.459671021	1.906902313	0.806599617	1.665256693
2018-06-25T14:18:31+02:00	13.33506393	7.473527908	1.880825043	0.791848183	1.923546369
2018-06-25T14:28:31+02:00	13.33513832	7.511228561	1.920461655	0.860691071	1.920038912
2018-06-25T14:38:31+02:00	13.32890987	7.554292679	1.94102478	0.8349123	1.772982554
2018-06-25T14:48:31+02:00	13.32431984	7.482618332	1.934319496	0.768899918	1.949696919
2018-06-25T14:58:31+02:00	13.32621288	7.532835007	1.989751816	0.780075073	1.945086662
2018-06-25T15:08:31+02:00	13.32405186	7.666349411	1.983791351	0.810027122	1.931956065
2018-06-25T15:18:31+02:00	13.32631683	7.726550102	1.901388168	0.821203232	1.79081515
2018-06-25T15:28:31+02:00	13.32850742	7.786006927	1.952349663	0.810771942	1.782347319
2018-06-25T15:38:31+02:00	13.33254623	7.770956039	1.936554909	0.790060043	1.784986521
2018-06-25T15:48:31+02:00	13.33336544	7.811487198	2.618432045	0.80809021	3.124421923
2018-06-25T15:58:31+02:00	13.33904266	7.854401588	1.940280914	0.828802109	1.966082532
2018-06-25T16:08:31+02:00	13.34151649	7.864982605	1.956970215	0.813304901	1.861857506
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2018-06-25T16:48:31+02:00	13.3276577	7.81446743	1.955628395	0.837445259	1.8356628
2018-06-25T16:58:31+02:00	13.32472229	7.736980438	1.858025551	0.801683426	1.6590172
2018-06-25T17:08:31+02:00	13.3250351	7.746219635	1.858175278	0.814646721	1.505214814
2018-06-25T17:18:31+02:00	13.32680893	7.729977608	1.872927666	0.803917885	1.581760877
2018-06-25T17:28:31+02:00	13.32944679	7.712691307	1.873225212	0.815093994	1.652285117
2018-06-25T17:38:31+02:00	13.32750893	7.743238449	1.8873806	0.823586464	1.536326684
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2018-06-25T17:58:31+02:00	13.32025242	7.707922935	1.907943726	0.800937653	1.614170486
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2018-06-25T18:48:31+02:00	13.30615616	7.671117783	1.890808105	0.820010185	1.517683366
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2018-06-25T19:18:31+02:00	13.29641056	7.634163857	1.889764786	0.782907486	1.487183199
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2018-06-25T19:38:31+02:00	13.2948904	7.620901108	1.90615654	0.776947021	1.528985202
2018-06-25T19:48:31+02:00	13.2925806	7.601081848	1.900493622	0.782161713	1.481343989

2018-06-25T19:58:31+02:00	13.29198456	7.590949059	1.876204491	0.791847229	1.513940208
2018-06-25T20:08:31+02:00	13.29243183	7.688404083	1.872777939	0.773519516	1.662585366
2018-06-25T20:18:31+02:00	13.29183578	7.655470848	1.913905144	0.808834076	1.669190564
2018-06-25T20:28:31+02:00	13.29097176	7.653533936	1.892894745	0.791847229	1.600660134
2018-06-25T20:38:31+02:00	13.28927231	7.648766518	1.889467239	0.800043106	1.671569357
2018-06-25T20:48:31+02:00	13.28942204	7.658004761	1.891106606	0.783502579	1.681799371
2018-06-25T20:58:31+02:00	13.28887081	7.603764534	1.901984215	0.792444229	1.57927575
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2018-06-25T21:18:31+02:00	13.28709698	7.610916138	1.901984215	0.766963005	1.603219531
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2018-06-25T21:38:31+02:00	13.28538322	7.62313652	1.904070854	0.796020508	1.639260725
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2018-06-25T22:08:31+02:00	13.2838192	7.611960411	1.87829113	0.777244568	1.441305003
2018-06-25T22:18:31+02:00	13.28127098	7.60585022	1.898705482	0.77322197	1.438625083
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2018-06-25T22:58:31+02:00	13.2807045	7.603914261	1.886933327	0.798106194	1.550573042
2018-06-25T23:08:31+02:00	13.281003	7.573217392	1.889019966	0.793039322	1.164941587
2018-06-25T23:18:31+02:00	13.28001881	7.727891922	1.884848595	0.741929054	1.583387581
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2018-06-26T00:08:31+02:00	13.2734623	7.577688217	1.910477638	0.761896133	1.538225769
2018-06-26T00:18:31+02:00	13.27273273	7.524044037	1.882016182	0.791848183	1.599325486
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2018-06-26T00:38:31+02:00	13.2719574	7.585288048	1.893638611	0.763685226	1.662456556
2018-06-26T00:48:31+02:00	13.27030373	7.613302231	1.916735649	0.792444229	1.70343554
2018-06-26T00:58:31+02:00	13.26948357	7.61493969	1.878439903	0.770539284	1.740041586
2018-06-26T01:08:31+02:00	13.26927567	7.611364365	1.904964447	0.758022308	1.676528637
2018-06-26T01:18:31+02:00	13.26811314	7.60644722	1.865625381	0.748187065	1.621923063
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2018-06-26T01:38:31+02:00	13.26604176	7.635354996	1.866966248	0.743865967	1.630865698
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2018-06-26T02:18:31+02:00	13.26395607	7.649362564	1.874863625	0.743717194	1.654023106
2018-06-26T02:28:31+02:00	13.26420879	7.71284008	1.86011219	0.750124931	1.708067568
2018-06-26T02:38:31+02:00	13.26292801	7.698833466	1.879036903	0.762194633	1.526958307
2018-06-26T02:48:31+02:00	13.26249504	7.738918304	1.874566078	0.754594803	1.582217492
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2018-06-26T03:08:31+02:00	13.26127338	7.666796684	1.884550095	0.751316071	1.95074408
2018-06-26T03:18:31+02:00	13.26131821	7.660387993	1.909584045	0.78096962	1.591867953
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2018-06-26T03:38:31+02:00	13.2600069	7.777957916	1.920461655	0.7635355	1.891383483
2018-06-26T03:48:31+02:00	13.25883007	7.72356987	1.88902092	0.765323639	2.003182562
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2018-06-26T04:08:31+02:00	13.25973892	7.729084015	1.890659332	0.764727592	1.91286044

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2018-06-26T04:28:31+02:00	13.25634098	7.762163162	1.891106606	0.751614571	1.936106244
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2018-06-26T04:48:31+02:00	13.25613213	7.726400375	1.8873806	0.742822647	1.877637549
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2018-06-26T05:08:31+02:00	13.25598335	7.755159378	1.88842392	0.782460213	1.983629154
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2018-06-26T05:28:31+02:00	13.2545681	7.749200821	1.915842056	0.751316071	1.924170132
2018-06-26T05:38:31+02:00	13.25468731	7.747709274	1.912564278	0.785440445	1.979972764
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2018-06-26T06:08:31+02:00	13.2547617	7.757246017	1.919120789	0.732839584	2.055471154
2018-06-26T06:18:31+02:00	13.25382328	7.766037941	1.917035103	0.763237	1.938493588
2018-06-26T06:28:31+02:00	13.25477695	7.757543564	1.851320267	0.748038292	1.757224524
2018-06-26T06:38:31+02:00	13.25480652	7.73236084	1.886487007	0.726431847	1.908031922
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2018-06-26T07:08:31+02:00	13.25593853	7.713287354	1.84103775	0.739842415	1.861985728
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2018-06-26T08:58:31+02:00	13.29824352	7.582158089	1.867711067	0.74535656	1.809935256
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2018-06-26T11:28:31+02:00	13.33572006	7.480979919	1.717805862	0.738054276	1.100277074
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Précipitations (mm)
Cocnentration (µg/l)
précipitations cajarc
turbidité
Sulfo B
01/04
06/04
11/04
16/04
21/04
26/04
01/05
06/05
11/05
16/05
21/05
26/05
31/05
05/06
10/06
15/06
20/06
25/06
30/06

Précipitations (mm)
Cocnentration (µg/l)
précipitations cajarc
turbidité
Uranine
01/04
06/04
11/04
16/04
21/04
26/04
01/05
06/05
11/05
16/05
21/05
26/05
31/05
05/06
10/06
15/06
20/06
25/06
30/06

ANNEXE 3b

Valeurs brutes – Fluorimètre de Bual

Date	Uranine	Sulfo. B	Acide Amino G	Turbidité (µS/cm)	Température (°C)
18/05/04-17:21:27	0.01	0.01	2.28	5.3	12.91
18/05/04-17:36:27	0.01	0.06	2.53	4.52	12.85
18/05/04-17:51:26	0.02	0.08	2.68	3.54	12.85
18/05/04-18:06:26	0.03	0.12	2.88	3.05	12.84
18/05/04-18:21:26	0.03	0.09	2.94	2.99	12.84
18/05/04-18:36:26	0.03	0.13	2.79	2.96	12.85
18/05/04-18:51:26	0.04	0.11	2.89	3	12.85
18/05/04-19:06:26	0.03	0.12	2.95	2.96	12.85
18/05/04-19:21:26	0.04	0.12	2.86	2.98	12.85
18/05/04-19:36:26	0.04	0.16	2.91	2.95	12.85
18/05/04-19:51:26	0.04	0.13	2.91	2.94	12.85
18/05/04-20:06:26	0.03	0.14	2.88	2.93	12.85
18/05/04-20:21:26	0.04	0.14	2.87	2.95	12.85
18/05/04-20:36:25	0.03	0.14	2.79	2.95	12.85
18/05/04-20:51:25	0.03	0.13	2.75	2.96	12.85
18/05/04-21:06:25	0.03	0.13	2.91	2.95	12.85
18/05/04-21:21:25	0.02	0.13	2.99	2.94	12.85
18/05/04-21:36:25	0.04	0.14	2.98	2.96	12.85
18/05/04-21:51:25	0.03	0.15	2.87	2.94	12.85
18/05/04-22:06:25	0.03	0.16	2.91	2.96	12.85
18/05/04-22:21:25	0.02	0.16	2.94	2.96	12.85
18/05/04-22:36:25	0.03	0.15	2.9	2.97	12.84
18/05/04-22:51:25	0.03	0.17	2.91	2.95	12.85
18/05/04-23:06:25	0.03	0.14	2.89	3	12.85
18/05/04-23:21:25	0.03	0.16	2.9	2.97	12.85
18/05/04-23:36:24	0.03	0.13	2.97	3	12.85
18/05/04-23:51:24	0.03	0.15	2.89	3	12.85
18/05/05-00:06:24	0.04	0.14	2.85	3.01	12.85
18/05/05-00:21:24	0.03	0.14	2.96	3.01	12.85
18/05/05-00:36:24	0.02	0.14	2.89	3.01	12.86
18/05/05-00:51:24	0.03	0.14	2.86	3.1	12.85
18/05/05-01:06:24	0.02	0.14	2.82	3.12	12.85
18/05/05-01:21:24	0.02	0.14	2.82	3.12	12.84
18/05/05-01:36:24	0.03	0.13	2.78	3.11	12.84
18/05/05-01:51:24	0.03	0.12	2.86	3.09	12.84
18/05/05-02:06:24	0.03	0.15	2.91	3.07	12.84
18/05/05-02:21:23	0.02	0.16	2.86	3.11	12.84
18/05/05-02:36:23	0.02	0.14	2.95	3.08	12.84
18/05/05-02:51:23	0.03	0.14	2.79	3.08	12.84
18/05/05-03:06:23	0.03	0.15	2.78	3.11	12.83
18/05/05-03:21:23	0.03	0.17	2.86	3.1	12.84
18/05/05-03:36:23	0.02	0.14	2.74	3.11	12.83
18/05/05-03:51:23	0.02	0.14	2.78	3.12	12.84
18/05/05-04:06:23	0.03	0.15	2.81	3.13	12.83
18/05/05-04:21:23	0.02	0.16	2.82	3.12	12.84

18/05/05-04:36:23	0.02	0.15	2.81	3.15	12.84
18/05/05-04:51:23	0.02	0.17	2.86	3.11	12.83
18/05/05-05:06:22	0.02	0.17	2.89	3.13	12.83
18/05/05-05:21:22	0.03	0.18	2.86	3.11	12.83
18/05/05-05:36:22	0.03	0.15	2.77	3.14	12.83
18/05/05-05:51:22	0.02	0.17	2.8	3.15	12.83
18/05/05-06:06:22	0.03	0.13	2.81	3.15	12.84
18/05/05-06:21:22	0.02	0.17	2.73	3.13	12.83
18/05/05-06:36:22	0.03	0.15	2.77	3.25	12.84
18/05/05-06:51:22	0.02	0.15	2.85	3.25	12.84
18/05/05-07:06:22	0.02	0.14	2.82	3.22	12.83
18/05/05-07:21:22	0.03	0.13	2.8	3.27	12.84
18/05/05-07:36:22	0.02	0.15	2.8	3.3	12.84
18/05/05-07:51:22	0.02	0.17	2.77	3.25	12.83
18/05/05-08:06:21	0.03	0.14	2.69	3.26	12.84
18/05/05-08:21:21	0.02	0.18	2.7	3.24	12.84
18/05/05-08:36:21	0.02	0.15	2.77	3.25	12.84
18/05/05-08:51:21	0.02	0.19	2.73	3.26	12.84
18/05/05-09:06:21	0.01	0.18	2.85	3.27	12.84
18/05/05-09:21:21	0.02	0.2	2.7	3.24	12.84
18/05/05-09:36:21	0.02	0.2	2.73	3.26	12.85
18/05/05-09:51:21	0.01	0.18	2.85	3.25	12.84
18/05/05-10:06:21	0.02	0.2	2.7	3.23	12.85
18/05/05-10:21:21	0.01	0.17	2.69	3.38	12.84
18/05/05-10:36:21	0.02	0.19	2.68	3.28	12.84
18/05/05-10:51:20	0.02	0.17	2.78	3.23	12.84
18/05/05-11:06:20	0.02	0.21	2.85	3.24	12.85
18/05/05-11:21:20	0.02	0.18	2.84	3.29	12.84
18/05/05-11:36:20	0.02	0.17	2.8	3.3	12.84
18/05/05-11:51:20	0.01	0.19	2.77	3.26	12.85
18/05/05-12:06:20	0.02	0.2	2.81	3.24	12.85
18/05/05-12:21:20	0.02	0.2	2.77	3.27	12.84
18/05/05-12:36:20	0.02	0.19	2.72	3.3	12.85
18/05/05-12:51:20	0.02	0.15	2.67	3.33	12.85
18/05/05-13:06:20	0.02	0.17	2.71	3.31	12.85
18/05/05-13:21:20	0.02	0.25	2.85	3.12	12.85
18/05/05-13:36:19	0.02	0.22	2.75	3.09	12.85
18/05/05-13:51:19	0.02	0.21	2.81	3.14	12.86
18/05/05-14:06:19	0.02	0.23	2.79	3.08	12.86
18/05/05-14:21:19	0.02	0.22	2.73	3.13	12.86
18/05/05-14:36:19	0.02	0.2	2.82	3.1	12.85
18/05/05-14:51:19	0.03	0.22	2.81	3.12	12.86
18/05/05-15:06:19	0.03	0.23	2.97	3.1	12.86
18/05/05-15:21:19	0.03	0.24	2.7	3.1	12.86
18/05/05-15:36:19	0.02	0.23	2.85	3.12	12.86
18/05/05-15:51:19	0.02	0.23	2.81	3.12	12.86
18/05/05-16:06:19	0.02	0.22	2.71	3.09	12.86
18/05/05-16:21:19	0.02	0.21	2.78	3.11	12.86
18/05/05-16:36:18	0.02	0.22	2.74	3.12	12.86
18/05/05-16:51:18	0.02	0.26	2.85	3.12	12.86

18/05/05-17:06:18	0.03	0.23	2.82	3.11	12.86
18/05/05-17:21:18	0.02	0.24	2.69	3.14	12.86
18/05/05-17:36:18	0.03	0.25	2.84	3.14	12.86
18/05/05-17:51:18	0.02	0.22	2.81	3.14	12.86
18/05/05-18:06:18	0.02	0.23	2.86	3.09	12.86
18/05/05-18:21:18	0.02	0.25	2.78	3.11	12.86
18/05/05-18:36:18	0.02	0.23	2.77	3.12	12.86
18/05/05-18:51:18	0.03	0.24	2.8	3.15	12.86
18/05/05-19:06:18	0.02	0.23	2.77	3.13	12.86
18/05/05-19:21:18	0.02	0.25	2.81	3.14	12.86
18/05/05-19:36:17	0.02	0.23	2.73	3.14	12.87
18/05/05-19:51:17	0.02	0.26	2.73	3.14	12.87
18/05/05-20:06:17	0.02	0.22	2.81	3.14	12.87
18/05/05-20:21:17	0.02	0.24	2.75	3.07	12.86
18/05/05-20:36:17	0.02	0.23	2.77	3.15	12.86
18/05/05-20:51:17	0.02	0.25	2.72	3.17	12.86
18/05/05-21:06:17	0.02	0.24	2.72	3.15	12.86
18/05/05-21:21:17	0.02	0.23	2.85	3.13	12.86
18/05/05-21:36:17	0.02	0.26	2.81	3.13	12.86
18/05/05-21:51:17	0.02	0.21	2.81	3.15	12.86
18/05/05-22:06:17	0.02	0.22	2.76	3.17	12.86
18/05/05-22:21:16	0.02	0.23	2.77	3.14	12.86
18/05/05-22:36:16	0.02	0.26	2.81	3.14	12.86
18/05/05-22:51:16	0.02	0.26	2.72	3.18	12.85
18/05/05-23:06:16	0.01	0.27	2.74	3.24	12.85
18/05/05-23:21:16	0.02	0.26	2.77	3.24	12.85
18/05/05-23:36:16	0.02	0.31	2.79	3.18	12.85
18/05/05-23:51:16	0.02	0.24	2.66	3.23	12.85
18/05/06-00:06:16	0.02	0.26	2.82	3.23	12.85
18/05/06-00:21:16	0.02	0.25	2.86	3.22	12.85
18/05/06-00:36:16	0.02	0.26	2.78	3.23	12.84
18/05/06-00:51:16	0.03	0.23	2.77	3.25	12.84
18/05/06-01:06:15	0.02	0.24	2.81	3.25	12.85
18/05/06-01:21:15	0.02	0.25	2.85	3.24	12.84
18/05/06-01:36:15	0.02	0.26	2.63	3.22	12.84
18/05/06-01:51:15	0.02	0.26	2.58	3.23	12.84
18/05/06-02:06:15	0.03	0.25	2.74	3.22	12.83
18/05/06-02:21:15	0.02	0.25	2.77	3.24	12.84
18/05/06-02:36:15	0.02	0.24	2.73	3.26	12.84
18/05/06-02:51:15	0.01	0.27	2.77	3.24	12.84
18/05/06-03:06:15	0.02	0.23	2.74	3.23	12.83
18/05/06-03:21:15	0.02	0.26	2.73	3.25	12.83
18/05/06-03:36:15	0.02	0.27	2.58	3.23	12.83
18/05/06-03:51:15	0.02	0.25	2.78	3.23	12.83
18/05/06-04:06:14	0.02	0.26	2.74	3.22	12.83
18/05/06-04:21:14	0.02	0.26	2.86	3.21	12.83
18/05/06-04:36:14	0.01	0.24	2.83	3.21	12.83
18/05/06-04:51:14	0.02	0.27	2.79	3.19	12.83
18/05/06-05:06:14	0.03	0.26	2.83	3.18	12.82
18/05/06-05:21:14	0.03	0.25	2.91	3.18	12.83

18/05/06-05:36:14	0.02	0.26	2.87	3.18	12.83
18/05/06-05:51:14	0.02	0.25	2.79	3.18	12.82
18/05/06-06:06:14	0.02	0.25	2.84	3.17	12.82
18/05/06-06:21:14	0.03	0.26	2.83	3.18	12.82
18/05/06-06:36:14	0.02	0.25	2.73	3.25	12.82
18/05/06-06:51:13	0.03	0.27	2.76	3.27	12.82
18/05/06-07:06:13	0.02	0.26	2.72	3.29	12.83
18/05/06-07:21:13	0.02	0.24	2.72	3.29	12.83
18/05/06-07:36:13	0.02	0.3	2.82	3.2	12.83
18/05/06-07:51:13	0.02	0.29	2.78	3.21	12.83
18/05/06-08:06:13	0.02	0.25	2.67	3.2	12.83
18/05/06-08:21:13	0.01	0.29	2.75	3.21	12.83
18/05/06-08:36:13	0.02	0.3	2.82	3.21	12.83
18/05/06-08:51:13	0.01	0.28	2.74	3.22	12.83
18/05/06-09:06:13	0.02	0.28	2.85	3.24	12.83
18/05/06-09:21:13	0.02	0.31	2.7	3.23	12.84
18/05/06-09:36:12	0.02	0.29	2.77	3.24	12.84
18/05/06-09:51:12	0.02	0.28	2.7	3.22	12.84
18/05/06-10:06:12	0.02	0.29	2.74	3.23	12.84
18/05/06-10:21:12	0.02	0.25	2.74	3.23	12.84
18/05/06-10:36:12	0.02	0.29	2.77	3.25	12.84
18/05/06-10:51:12	0.02	0.29	2.78	3.23	12.85
18/05/06-11:06:12	0.02	0.28	2.66	3.23	12.85
18/05/06-11:21:12	0.02	0.3	2.73	3.24	12.85
18/05/06-11:36:12	0.02	0.28	2.82	3.23	12.85
18/05/06-11:51:12	0.02	0.27	2.74	3.23	12.85
18/05/06-12:06:12	0.01	0.29	2.74	3.23	12.85
18/05/06-12:21:11	0.02	0.3	2.82	3.2	12.85
18/05/06-12:36:11	0.02	0.3	2.78	3.22	12.86
18/05/06-12:51:11	0.03	0.31	2.62	3.22	12.86
18/05/06-13:06:11	0.02	0.28	2.74	3.22	12.85
18/05/06-13:21:11	0.02	0.3	2.7	3.23	12.85
18/05/06-13:36:11	0.01	0.31	2.74	3.21	12.86
18/05/06-13:51:11	0.02	0.29	2.74	3.23	12.86
18/05/06-14:06:11	0.02	0.28	2.77	3.24	12.86
18/05/06-14:21:11	0.03	0.28	2.85	3.24	12.86
18/05/06-14:36:11	0.01	0.31	2.78	3.21	12.86
18/05/06-14:51:11	0.02	0.31	2.73	3.24	12.86
18/05/06-15:06:11	0.02	0.3	2.93	3.22	12.87
18/05/06-15:21:10	0.03	0.29	2.81	3.24	12.86
18/05/06-15:36:10	0.01	0.31	2.74	3.23	12.88
18/05/06-15:51:10	0.03	0.28	2.76	3.26	12.87
18/05/06-16:06:10	0.01	0.28	2.76	3.29	12.87
18/05/06-16:21:10	0.02	0.33	2.84	3.25	12.87
18/05/06-16:36:10	0.02	0.3	2.65	3.28	12.87
18/05/06-16:51:10	0.01	0.31	2.77	3.26	12.88
18/05/06-17:06:10	0.01	0.3	2.77	3.26	12.88
18/05/06-17:21:10	0.02	0.29	2.8	3.28	12.88
18/05/06-17:36:10	0.02	0.29	2.88	3.27	12.88
18/05/06-17:51:10	0.02	0.31	2.69	3.26	12.87

18/05/06-18:06:10	0.02	0.34	2.84	3.26	12.88
18/05/06-18:21:09	0.02	0.29	2.81	3.26	12.88
18/05/06-18:36:09	0.01	0.3	2.84	3.27	12.87
18/05/06-18:51:09	0.02	0.29	2.76	3.28	12.87
18/05/06-19:06:09	0.02	0.34	2.72	3.28	12.87
18/05/06-19:21:09	0.02	0.29	2.64	3.28	12.88
18/05/06-19:36:09	0.02	0.3	2.76	3.27	12.88
18/05/06-19:51:09	0.01	0.33	2.66	3.23	12.88
18/05/06-20:06:09	0.02	0.29	2.84	3.28	12.88
18/05/06-20:21:09	0.02	0.31	2.69	3.27	12.88
18/05/06-20:36:09	0.01	0.3	2.73	3.27	12.88
18/05/06-20:51:09	0.02	0.33	2.72	3.28	12.88
18/05/06-21:06:09	0.01	0.28	2.8	3.29	12.88
18/05/06-21:21:08	0.02	0.28	2.72	3.28	12.88
18/05/06-21:36:08	0.02	0.28	2.72	3.3	12.88
18/05/06-21:51:08	0.01	0.32	2.76	3.29	12.88
18/05/06-22:06:08	0.01	0.3	2.8	3.27	12.88
18/05/06-22:21:08	0.01	0.31	2.68	3.28	12.88
18/05/06-22:36:08	0.01	0.34	2.72	3.27	12.88
18/05/06-22:51:08	0.02	0.33	2.76	3.28	12.88
18/05/06-23:06:08	0.01	0.33	2.72	3.28	12.88
18/05/06-23:21:08	0.01	0.31	2.68	3.28	12.88
18/05/06-23:36:08	0.01	0.3	2.72	3.28	12.88
18/05/06-23:51:08	0.02	0.32	2.64	3.27	12.88
18/05/07-00:06:08	0.01	0.32	2.76	3.28	12.88
18/05/07-00:21:07	0.02	0.32	2.68	3.28	12.88
18/05/07-00:36:07	0.02	0.3	2.65	3.27	12.88
18/05/07-00:51:07	0.01	0.31	2.8	3.29	12.88
18/05/07-01:06:07	0.01	0.33	2.69	3.27	12.88
18/05/07-01:21:07	0.01	0.31	2.64	3.28	12.88
18/05/07-01:36:07	0.02	0.34	2.76	3.28	12.88
18/05/07-01:51:07	0.01	0.3	2.68	3.28	12.89
18/05/07-02:06:07	0.01	0.31	2.68	3.28	12.88
18/05/07-02:21:07	0.01	0.27	2.79	3.31	12.88
18/05/07-02:36:07	0.02	0.3	2.75	3.3	12.88
18/05/07-02:51:07	0.02	0.32	2.68	3.29	12.88
18/05/07-03:06:06	0.01	0.31	2.76	3.3	12.88
18/05/07-03:21:06	0.01	0.31	2.84	3.29	12.88
18/05/07-03:36:06	0.02	0.3	2.59	3.31	12.88
18/05/07-03:51:06	0.02	0.32	2.64	3.29	12.88
18/05/07-04:06:06	0.01	0.33	2.79	3.3	12.88
18/05/07-04:21:06	0.02	0.3	2.79	3.29	12.88
18/05/07-04:36:06	0.01	0.33	2.76	3.28	12.88
18/05/07-04:51:06	0.02	0.31	2.76	3.28	12.88
18/05/07-05:06:06	0.02	0.31	2.79	3.3	12.88
18/05/07-05:21:06	0.02	0.27	2.75	3.31	12.88
18/05/07-05:36:06	0.02	0.31	2.75	3.31	12.88
18/05/07-05:51:06	0.01	0.33	2.79	3.31	12.88
18/05/07-06:06:05	0.01	0.32	2.75	3.31	12.88
18/05/07-06:21:05	0.01	0.33	2.79	3.32	12.88

18/05/07-06:36:05	0.01	0.33	2.76	3.29	12.88
18/05/07-06:51:05	0.01	0.32	2.79	3.31	12.88
18/05/07-07:06:05	0.01	0.33	2.71	3.31	12.89
18/05/07-07:21:05	0.02	0.3	2.75	3.3	12.88
18/05/07-07:36:05	0.01	0.33	2.71	3.32	12.88
18/05/07-07:51:05	0.02	0.34	2.75	3.32	12.88
18/05/07-08:06:05	0.01	0.34	2.75	3.3	12.88
18/05/07-08:21:05	0.01	0.32	2.76	3.3	12.89
18/05/07-08:36:05	0.02	0.32	2.74	3.33	12.88
18/05/07-08:51:04	0.01	0.32	2.63	3.33	12.88
18/05/07-09:06:04	0.01	0.34	2.75	3.3	12.88
18/05/07-09:21:04	0.01	0.3	2.72	3.42	12.88
18/05/07-09:36:04	0.01	0.33	2.6	3.41	12.88
18/05/07-09:51:04	0.02	0.31	2.56	3.42	12.88
18/05/07-10:06:04	0.02	0.31	2.73	3.36	12.88
18/05/07-10:21:04	0.01	0.31	2.81	3.37	12.88
18/05/07-10:36:04	0.02	0.35	2.73	3.37	12.89
18/05/07-10:51:04	0.02	0.32	2.77	3.36	12.89
18/05/07-11:06:04	0.01	0.33	2.7	3.35	12.89
18/05/07-11:21:04	0.02	0.31	2.69	3.38	12.88
18/05/07-11:36:04	0.01	0.36	2.78	3.34	12.89
18/05/07-11:51:03	0.02	0.35	2.82	3.33	12.88
18/05/07-12:06:03	0.01	0.62	0.67	10.16	12.89
18/05/07-12:21:03	0.01	0.84	1.29	7.94	12.9
18/05/07-12:36:03	0.01	0.13	0.03	21.37	12.92
18/05/07-12:51:03	0.01	0.16	0.03	21.39	12.91
18/05/07-13:06:03	0.01	0.42	0.03	21.36	12.92
18/05/07-13:21:03	0.01	0.57	0.02	20.48	12.91
18/05/07-13:36:03	0.01	0.64	0.02	19.61	12.91
18/05/07-13:51:03	0.01	0.64	0.02	19.3	12.91
18/05/07-14:06:03	0.01	0.68	0.02	19.04	12.9
18/05/07-14:21:03	0.01	0.68	0.02	18.8	12.9
18/05/07-14:36:03	0.01	0.71	0.02	18.7	12.9
18/05/07-14:51:02	0.01	0.68	0.02	18.86	12.89
18/05/07-15:06:02	0.01	0.68	0.02	19.21	12.89
18/05/07-15:21:02	0.01	0.64	0.02	19.53	12.89
18/05/07-15:36:02	0.01	0.66	0.02	19.32	12.89
18/05/07-15:51:02	0.01	0.67	0.02	19.43	12.89
18/05/07-16:06:02	0.01	0.7	0.02	19.44	12.89
18/05/07-16:21:02	0.01	0.7	0.02	19.47	12.89
18/05/07-16:36:02	0.01	0.72	0.02	19.65	12.89
18/05/07-16:51:02	0.01	0.7	0.02	19.59	12.89
18/05/07-17:06:02	0.01	0.69	0.02	19.58	12.89
18/05/07-17:21:02	0.01	0.71	0.02	19.54	12.89
18/05/07-17:36:02	0.01	0.7	0.02	19.76	12.9
18/05/07-17:51:01	0.01	0.73	0.02	19.46	12.89
18/05/07-18:06:01	0.01	0.74	0.02	19.48	12.89
18/05/07-18:21:01	0.01	0.75	0.02	19.52	12.89
18/05/07-18:36:01	0.01	0.75	0.02	19.51	12.89
18/05/07-18:51:01	0.01	0.78	0.02	19.43	12.89

18/05/07-19:06:01	0.01	0.74	0.02	19.37	12.89
18/05/07-19:21:01	0.01	0.76	0.02	19.44	12.89
18/05/07-19:36:01	0.01	0.75	0.02	19.44	12.89
18/05/07-19:51:01	0.01	0.8	0.02	19.25	12.9
18/05/07-20:06:01	0.01	0.75	0.02	19.29	12.89
18/05/07-20:21:01	0.01	0.78	0.02	19.39	12.89
18/05/07-20:36:00	0.01	0.8	0.02	19.41	12.9
18/05/07-20:51:00	0.01	0.8	0.02	19.39	12.89
18/05/07-21:06:00	0.01	0.82	0.02	19.34	12.89
18/05/07-21:21:00	0.01	0.8	0.02	19.4	12.89
18/05/07-21:36:00	0.01	0.81	0.02	19.35	12.89
18/05/07-21:51:00	0.01	0.81	0.02	19.35	12.9
18/05/07-22:06:00	0.01	0.8	0.02	19.36	12.9
18/05/07-22:21:00	0.01	0.84	0.02	19.3	12.9
18/05/07-22:36:00	0.01	0.84	0.02	19.37	12.9
18/05/07-22:51:00	0.01	0.84	0.02	19.21	12.9
18/05/07-23:06:00	0.01	0.86	0.02	19.29	12.9
18/05/07-23:21:00	0.01	0.85	0.02	19.28	12.9
18/05/07-23:35:59	0.01	0.84	0.02	19.31	12.9
18/05/07-23:50:59	0.01	0.86	0.02	19.24	12.9
18/05/08-00:05:59	0.01	0.84	0.02	19.19	12.9
18/05/08-00:20:59	0.01	0.84	0.02	19.17	12.9
18/05/08-00:35:59	0.01	0.86	0.02	19.17	12.9
18/05/08-00:50:59	0.01	0.87	0.02	19.14	12.9
18/05/08-01:05:59	0.01	0.88	0.02	19.13	12.9
18/05/08-01:20:59	0.01	0.85	0.02	19.11	12.9
18/05/08-01:35:59	0.01	0.88	0.02	19.13	12.9
18/05/08-01:50:59	0.01	0.87	0.02	19.08	12.9
18/05/08-02:05:59	0.01	0.86	0.02	19.17	12.9
18/05/08-02:20:59	0.01	0.86	0.02	19.14	12.9
18/05/08-02:35:58	0.01	0.88	0.02	19.08	12.9
18/05/08-02:50:58	0.01	0.87	0.02	19.08	12.9
18/05/08-03:05:58	0.01	0.87	0.02	19.12	12.9
18/05/08-03:20:58	0.01	0.87	0.02	19.07	12.9
18/05/08-03:35:58	0.01	0.89	0.01	18.99	12.9
18/05/08-03:50:58	0.01	0.87	0.02	19	12.9
18/05/08-04:05:58	0.01	0.89	0.02	18.94	12.9
18/05/08-04:20:58	0.01	0.88	0.02	18.95	12.9
18/05/08-04:35:58	0.01	0.89	0.01	18.95	12.9
18/05/08-04:50:58	0.01	0.9	0.01	18.95	12.9
18/05/08-05:05:58	0.01	0.92	0.01	18.95	12.9
18/05/08-05:20:57	0.01	0.92	0.01	19	12.9
18/05/08-05:35:57	0.01	0.89	0.01	19.11	12.9
18/05/08-05:50:57	0.01	0.95	0.01	18.89	12.9
18/05/08-06:05:57	0.01	0.97	0.01	18.47	12.9
18/05/08-06:20:57	0.01	0.95	0.01	18.44	12.9
18/05/08-06:35:57	0.01	0.96	0.01	18.49	12.9
18/05/08-06:50:57	0.01	0.98	0.01	18.48	12.9
18/05/08-07:05:57	0.01	0.98	0.01	18.45	12.9
18/05/08-07:20:57	0.01	0.98	0.01	18.41	12.9

18/05/08-07:35:57	0.01	0.94	0.01	18.39	12.9
18/05/08-07:50:57	0.01	0.97	0.01	18.4	12.9
18/05/08-08:05:57	0.01	0.98	0.01	18.36	12.9
18/05/08-08:20:56	0.01	0.97	0.01	18.36	12.9
18/05/08-08:35:56	0.01	0.97	0.01	18.33	12.9
18/05/08-08:50:56	0.01	1	0.01	18.31	12.9
18/05/08-09:05:56	0.01	0.97	0.01	18.36	12.9
18/05/08-09:20:56	0.01	0.95	0.01	18.37	12.9
18/05/08-09:35:56	0.01	0.96	0.01	18.35	12.9
18/05/08-09:50:56	0.01	0.98	0.01	18.37	12.9
18/05/08-10:05:56	0.01	0.99	0.01	18.33	12.9
18/05/08-10:20:56	0.01	0.97	0.01	18.35	12.9
18/05/08-10:35:56	0.01	0.98	0.01	18.33	12.9
18/05/08-10:50:56	0.01	0.92	0.01	22.2	12.94
18/05/08-11:05:55	0.01	1.05	0.01	20.72	12.94
18/05/08-11:20:55	0.01	0.6	0.02	27.84	12.94
18/05/08-11:35:55	0.01	0.86	0.02	24.08	12.94
18/05/08-11:50:55	0.01	0.94	0.01	23.01	12.93
18/05/08-12:05:55	0.01	0.99	0.01	22.65	12.93
18/05/08-12:20:55	0.01	0.99	0.01	22.48	12.92
18/05/08-12:35:55	0.01	0.98	0.01	22.3	12.92
18/05/08-12:50:55	0.01	0.98	0.01	22.31	12.92
18/05/08-13:05:55	0.01	0.98	0.01	22.73	12.91
18/05/08-13:20:55	0.01	1.01	0.01	22.69	12.91
18/05/08-13:35:55	0.01	0.98	0.01	22.7	12.91
18/05/08-13:50:55	0.01	0.96	0.01	22.67	12.91
18/05/08-14:05:54	0.01	0.98	0.01	22.63	12.91
18/05/08-14:20:54	0.01	0.99	0.01	22.51	12.91
18/05/08-14:35:54	0.01	0.98	0.01	22.72	12.91
18/05/08-14:50:54	0.01	0.67	0.02	40.17	12.95
18/05/08-15:05:54	0.01	1.44	0.01	32.11	12.95
18/05/08-15:20:54	0.01	1.49	0.01	32.16	12.95
18/05/08-15:35:54	0.01	1.65	0.01	30.43	12.95
18/05/08-15:50:54	0.01	1.73	0.01	29.2	12.94
18/05/08-16:05:54	0.01	1.77	0.01	28.72	12.94
18/05/08-16:20:54	0.01	1.8	0.01	28.25	12.94
18/05/08-16:35:54	0.01	1.83	0.01	27.94	12.93
18/05/08-16:50:54	0.01	1.87	0.01	27.71	12.93
18/05/08-17:05:53	0.01	1.87	0.01	27.54	12.93
18/05/08-17:20:53	0.01	1.84	0.01	27.36	12.93
18/05/08-17:35:53	0.01	1.89	0.01	27.23	12.93
18/05/08-17:50:53	0.01	1.89	0.01	27.14	12.92
18/05/08-18:05:53	0.01	1.86	0.01	27.04	12.92
18/05/08-18:20:53	0.01	1.89	0.01	26.9	12.92
18/05/08-18:35:53	0.01	1.89	0.01	26.86	12.92
18/05/08-18:50:53	0.01	1.86	0.01	26.78	12.92
18/05/08-19:05:53	0.01	1.88	0.01	26.68	12.92
18/05/08-19:20:53	0.01	1.89	0.01	26.63	12.92
18/05/08-19:35:53	0.01	1.89	0.01	26.58	12.92
18/05/08-19:50:52	0.01	1.88	0.01	26.53	12.92

18/05/08-20:05:52	0.01	1.89	0.01	26.49	12.92
18/05/08-20:20:52	0.01	1.89	0.01	26.45	12.92
18/05/08-20:35:52	0.01	1.89	0.01	26.39	12.92
18/05/08-20:50:52	0.01	1.9	0.01	26.35	12.92
18/05/08-21:05:52	0.01	1.9	0.01	26.33	12.92
18/05/08-21:20:52	0.01	1.9	0.01	26.29	12.92
18/05/08-21:35:52	0.01	1.9	0.01	26.25	12.92
18/05/08-21:50:52	0.01	1.89	0.01	26.23	12.92
18/05/08-22:05:52	0.01	1.89	0.01	26.21	12.92
18/05/08-22:20:52	0.01	1.92	0.01	26.18	12.92
18/05/08-22:35:52	0.01	1.9	0.01	26.16	12.92
18/05/08-22:50:51	0.01	1.89	0.01	26.14	12.92
18/05/08-23:05:51	0.01	1.91	0.01	26.11	12.92
18/05/08-23:20:51	0.01	1.9	0.01	26.08	12.92
18/05/08-23:35:51	0.01	1.89	0.01	26.06	12.92
18/05/08-23:50:51	0.01	1.9	0.01	26.05	12.92
18/05/09-00:05:51	0.01	1.89	0.01	26.04	12.92
18/05/09-00:20:51	0.01	1.89	0.01	26.03	12.92
18/05/09-00:35:51	0.01	1.92	0.01	26.02	12.92
18/05/09-00:50:51	0.01	1.91	0.01	26.02	12.92
18/05/09-01:05:51	0.01	1.89	0.01	26	12.92
18/05/09-01:20:51	0.01	1.87	0.01	26	12.92
18/05/09-01:35:50	0.01	1.89	0.01	26	12.92
18/05/09-01:50:50	0.01	1.89	0.01	26	12.92
18/05/09-02:05:50	0.01	1.88	0.01	26	12.92
18/05/09-02:20:50	0.01	1.89	0.01	25.97	12.92
18/05/09-02:35:50	0.01	1.87	0.01	25.94	12.92
18/05/09-02:50:50	0.01	1.88	0.01	25.94	12.91
18/05/09-03:05:50	0.01	1.89	0.01	25.97	12.92
18/05/09-03:20:50	0.01	1.9	0.01	25.96	12.92
18/05/09-03:35:50	0.01	1.89	0.01	25.96	12.91
18/05/09-03:50:50	0.01	1.85	0.01	26.01	12.91
18/05/09-04:05:50	0.01	1.86	0.01	26	12.91
18/05/09-04:20:50	0.01	1.85	0.01	26	12.91
18/05/09-04:35:49	0.01	1.87	0.01	25.99	12.91
18/05/09-04:50:49	0.01	1.86	0.01	26	12.91
18/05/09-05:05:49	0.01	1.89	0.01	26	12.91
18/05/09-05:20:49	0.01	1.88	0.01	25.98	12.91
18/05/09-05:35:49	0.01	1.85	0.01	25.96	12.91
18/05/09-05:50:49	0.01	1.83	0.01	26.07	12.91
18/05/09-06:05:49	0.01	1.85	0.01	26.09	12.91
18/05/09-06:20:49	0.01	1.82	0.01	26.05	12.91
18/05/09-06:35:49	0.01	1.85	0.01	26.07	12.91
18/05/09-06:50:49	0.01	1.83	0.01	26.07	12.91
18/05/09-07:05:49	0.01	1.83	0.01	26.07	12.91
18/05/09-07:20:48	0.01	1.81	0.01	26.04	12.91
18/05/09-07:35:48	0.01	1.8	0.01	26.04	12.91
18/05/09-07:50:48	0.01	1.8	0.01	26.05	12.91
18/05/09-08:05:48	0.01	1.82	0.01	26.06	12.91
18/05/09-08:20:48	0.01	1.81	0.01	26.08	12.91

18/05/09-08:35:48	0.01	1.84	0.01	26.06	12.91
18/05/09-08:50:48	0.01	1.84	0.01	26.05	12.91
18/05/09-09:05:48	0.01	1.82	0.01	26.05	12.91
18/05/09-09:20:48	0.01	1.82	0.01	26.04	12.91
18/05/09-09:35:48	0.01	1.8	0.01	26.02	12.91
18/05/09-09:50:48	0.01	1.81	0.01	26.01	12.91
18/05/09-10:05:47	0.01	1.8	0.01	26.02	12.91
18/05/09-10:20:47	0.01	1.86	0.01	25.71	12.91
18/05/09-10:35:47	0.01	1.84	0.01	25.73	12.91
18/05/09-10:50:47	0.01	1.82	0.01	25.55	12.91
18/05/09-11:05:47	0.01	1.82	0.01	25.52	12.91
18/05/09-11:20:47	0.01	1.82	0.01	25.52	12.91
18/05/09-11:35:47	0.01	1.83	0.01	25.58	12.91
18/05/09-11:50:47	0.01	1.79	0.01	25.6	12.91
18/05/09-12:05:47	0.01	1.8	0.01	25.57	12.91
18/05/09-12:20:47	0.01	1.8	0.01	25.55	12.91
18/05/09-12:35:47	0.01	1.8	0.01	25.53	12.91
18/05/09-12:50:47	0.01	1.79	0.01	25.51	12.91
18/05/09-13:05:46	0.01	1.78	0.01	25.51	12.91
18/05/09-13:20:46	0.01	1.76	0.01	25.5	12.91
18/05/09-13:35:46	0.01	1.79	0.01	25.49	12.91
18/05/09-13:50:46	0.01	1.78	0.01	25.54	12.91
18/05/09-14:05:46	0.01	1.78	0.01	25.55	12.91
18/05/09-14:20:46	0.01	1.78	0.01	25.54	12.91
18/05/09-14:35:46	0.01	1.78	0.01	25.54	12.91
18/05/09-14:50:46	0.01	1.75	0.01	25.58	12.91
18/05/09-15:05:46	0.01	1.76	0.01	25.58	12.91
18/05/09-15:20:46	0.01	1.78	0.01	25.62	12.91
18/05/09-15:35:46	0.01	1.76	0.01	25.63	12.91
18/05/09-15:50:45	0.01	1.76	0.01	25.63	12.91
18/05/09-16:05:45	0.01	1.76	0.01	25.58	12.91
18/05/09-16:20:45	0.01	1.77	0.01	25.5	12.91
18/05/09-16:35:45	0.01	1.78	0.01	25.49	12.91
18/05/09-16:50:45	0.01	1.76	0.01	25.48	12.91
18/05/09-17:05:45	0.01	1.73	0.01	25.48	12.91
18/05/09-17:20:45	0.01	1.74	0.01	25.56	12.91
18/05/09-17:35:45	0.01	1.72	0.01	25.58	12.91
18/05/09-17:50:45	0.01	1.72	0.01	25.51	12.91
18/05/09-18:05:45	0.01	1.73	0.01	25.46	12.91
18/05/09-18:20:45	0.01	1.71	0.01	25.52	12.91
18/05/09-18:35:45	0.01	1.72	0.01	25.53	12.91
18/05/09-18:50:44	0.01	1.71	0.01	25.56	12.91
18/05/09-19:05:44	0.01	1.71	0.01	25.49	12.91
18/05/09-19:20:44	0.01	1.74	0.01	25.46	12.91
18/05/09-19:35:44	0.01	1.72	0.01	25.51	12.91
18/05/09-19:50:44	0.01	1.74	0.01	25.5	12.91
18/05/09-20:05:44	0.01	1.71	0.01	25.46	12.91
18/05/09-20:20:44	0.01	1.69	0.01	25.48	12.91
18/05/09-20:35:44	0.01	1.72	0.01	25.49	12.91
18/05/09-20:50:44	0.01	1.71	0.01	25.49	12.91

18/05/09-21:05:44	0.01	1.68	0.01	25.47	12.91
18/05/09-21:20:44	0.01	1.7	0.01	25.53	12.91
18/05/09-21:35:43	0.01	1.69	0.01	25.51	12.91
18/05/09-21:50:43	0.01	1.68	0.01	25.45	12.91
18/05/09-22:05:43	0.01	1.68	0.01	25.46	12.91
18/05/09-22:20:43	0.01	1.7	0.01	25.52	12.91
18/05/09-22:35:43	0.01	1.67	0.01	25.43	12.91
18/05/09-22:50:43	0.01	1.71	0.01	25.48	12.91
18/05/09-23:05:43	0.01	1.67	0.01	25.46	12.91
18/05/09-23:20:43	0.01	1.65	0.01	25.4	12.91
18/05/09-23:35:43	0.01	1.68	0.01	25.32	12.91
18/05/09-23:50:43	0.01	1.68	0.01	25.35	12.91
18/05/10-00:05:43	0.01	1.68	0.01	25.35	12.91
18/05/10-00:20:43	0.01	1.67	0.01	25.39	12.91
18/05/10-00:35:42	0.01	1.67	0.01	25.31	12.91
18/05/10-00:50:42	0.01	1.67	0.01	25.32	12.91
18/05/10-01:05:42	0.01	1.68	0.01	25.39	12.91
18/05/10-01:20:42	0.01	1.67	0.01	25.34	12.91
18/05/10-01:35:42	0.01	1.68	0.01	25.35	12.91
18/05/10-01:50:42	0.01	1.67	0.01	25.33	12.91
18/05/10-02:05:42	0.01	1.65	0.01	25.34	12.91
18/05/10-02:20:42	0.01	1.68	0.01	25.31	12.91
18/05/10-02:35:42	0.01	1.65	0.01	25.24	12.91
18/05/10-02:50:42	0.01	1.65	0.01	25.22	12.91
18/05/10-03:05:42	0.01	1.65	0.01	25.23	12.91
18/05/10-03:20:41	0.01	1.65	0.01	25.21	12.91
18/05/10-03:35:41	0.01	1.63	0.01	25.2	12.91
18/05/10-03:50:41	0.01	1.63	0.01	25.19	12.9
18/05/10-04:05:41	0.01	1.65	0.01	25.18	12.9
18/05/10-04:20:41	0.01	1.63	0.01	25.17	12.9
18/05/10-04:35:41	0.01	1.6	0.01	25.44	12.9
18/05/10-04:50:41	0.01	1.66	0.01	25.36	12.89
18/05/10-05:05:41	0.01	1.61	0.01	25.4	12.89
18/05/10-05:20:41	0.01	1.59	0.01	25.43	12.89
18/05/10-05:35:41	0.01	1.6	0.01	25.45	12.89
18/05/10-05:50:41	0.01	1.59	0.01	25.43	12.89
18/05/10-06:05:40	0.01	1.59	0.01	25.45	12.89
18/05/10-06:20:40	0.01	1.63	0.01	25.4	12.89
18/05/10-06:35:40	0.01	1.62	0.01	25.43	12.88
18/05/10-06:50:40	0.01	1.62	0.01	25.42	12.88
18/05/10-07:05:40	0.01	1.62	0.01	25.4	12.88
18/05/10-07:20:40	0.01	1.62	0.01	25.39	12.88
18/05/10-07:35:40	0.01	1.63	0.01	25.4	12.88
18/05/10-07:50:40	0.01	1.62	0.01	25.38	12.88
18/05/10-08:05:40	0.01	1.6	0.01	25.36	12.88
18/05/10-08:20:40	0.01	1.61	0.01	25.34	12.88
18/05/10-08:35:40	0.01	1.62	0.01	25.34	12.88
18/05/10-08:50:39	0.01	1.6	0.01	25.35	12.88
18/05/10-09:05:39	0.01	1.62	0.01	25.32	12.88
18/05/10-09:20:39	0.01	1.63	0.01	25.3	12.88

18/05/10-09:35:39	0.01	1.62	0.01	25.28	12.88
18/05/10-09:50:39	0.01	1.62	0.01	25.28	12.88
18/05/10-10:05:39	0.01	1.64	0.01	25.28	12.88
18/05/10-10:20:39	0.01	1.61	0.01	25.27	12.88
18/05/10-10:35:39	0.01	1.61	0.01	25.24	12.88
18/05/10-10:50:39	0.01	1.63	0.01	25.23	12.88
18/05/10-11:05:39	0.01	1.61	0.01	25.23	12.88
18/05/10-11:20:39	0.01	1.6	0.01	25.22	12.88
18/05/10-11:35:39	0.01	1.62	0.01	25.2	12.88
18/05/10-11:50:38	0.01	1.62	0.01	25.19	12.88
18/05/10-12:05:38	0.01	1.64	0.01	25.24	12.89
18/05/10-12:20:38	0.01	1.66	0.01	25.24	12.89
18/05/10-12:35:38	0.01	1.64	0.01	25.23	12.89
18/05/10-12:50:38	0.01	1.61	0.01	25.23	12.89
18/05/10-13:05:38	0.01	1.64	0.01	25.23	12.89
18/05/10-13:20:38	0.01	1.63	0.01	25.23	12.89
18/05/10-13:35:38	0.01	1.64	0.01	25.25	12.89
18/05/10-13:50:38	0.01	1.61	0.01	25.3	12.89
18/05/10-14:05:38	0.01	1.63	0.01	25.32	12.89
18/05/10-14:20:38	0.01	1.62	0.01	25.31	12.89
18/05/10-14:35:37	0.01	1.61	0.01	25.4	12.89
18/05/10-14:50:37	0.01	1.6	0.01	25.39	12.89
18/05/10-15:05:37	0.01	1.6	0.01	25.34	12.89
18/05/10-15:20:37	0.01	1.59	0.01	25.38	12.89
18/05/10-15:35:37	0.01	1.6	0.01	25.35	12.89
18/05/10-15:50:37	0.01	1.59	0.01	25.54	12.89
18/05/10-16:05:37	0.01	1.59	0.01	25.5	12.89
18/05/10-16:20:37	0.01	1.6	0.01	25.5	12.89
18/05/10-16:35:37	0.01	1.59	0.01	25.51	12.89
18/05/10-16:50:37	0.01	1.57	0.01	25.39	12.89
18/05/10-17:05:37	0.01	1.59	0.01	25.38	12.89
18/05/10-17:20:37	0.01	1.59	0.01	25.42	12.89
18/05/10-17:35:36	0.01	1.59	0.01	25.38	12.89
18/05/10-17:50:36	0.01	1.58	0.01	25.36	12.89
18/05/10-18:05:36	0.01	1.58	0.01	25.36	12.9
18/05/10-18:20:36	0.01	1.61	0.01	25.36	12.9
18/05/10-18:35:36	0.01	1.59	0.01	25.35	12.9
18/05/10-18:50:36	0.01	1.57	0.01	25.35	12.9
18/05/10-19:05:36	0.01	1.58	0.01	25.37	12.9
18/05/10-19:20:36	0.01	1.6	0.01	25.36	12.9
18/05/10-19:35:36	0.01	1.6	0.01	25.35	12.9
18/05/10-19:50:36	0.01	1.59	0.01	25.38	12.9
18/05/10-20:05:36	0.01	1.6	0.01	25.39	12.9
18/05/10-20:20:35	0.01	1.58	0.01	25.37	12.9
18/05/10-20:35:35	0.01	1.61	0.01	25.36	12.9
18/05/10-20:50:35	0.01	1.62	0.01	25.35	12.9
18/05/10-21:05:35	0.01	1.59	0.01	25.36	12.9
18/05/10-21:20:35	0.01	1.59	0.01	25.35	12.9
18/05/10-21:35:35	0.01	1.58	0.01	25.32	12.9
18/05/10-21:50:35	0.01	1.59	0.01	25.33	12.9

18/05/10-22:05:35	0.01	1.59	0.01	25.32	12.9
18/05/10-22:20:35	0.01	1.62	0.01	25.44	12.9
18/05/10-22:35:35	0.01	1.62	0.01	25.41	12.89
18/05/10-22:50:35	0.01	1.61	0.01	25.37	12.89
18/05/10-23:05:34	0.01	1.61	0.01	25.37	12.89
18/05/10-23:20:34	0.01	1.61	0.01	25.35	12.89
18/05/10-23:35:34	0.01	1.61	0.01	25.33	12.88
18/05/10-23:50:34	0.01	1.62	0.01	25.41	12.88
18/05/11-00:05:34	0.01	1.61	0.01	25.56	12.87
18/05/11-00:20:34	0.01	1.59	0.01	25.71	12.87
18/05/11-00:35:34	0.01	1.59	0.01	25.69	12.87
18/05/11-00:50:34	0.01	1.59	0.01	25.67	12.86
18/05/11-01:05:34	0.01	1.57	0.01	25.67	12.86
18/05/11-01:20:34	0.01	1.58	0.01	25.69	12.86
18/05/11-01:35:34	0.01	1.58	0.01	25.75	12.85
18/05/11-01:50:34	0.01	1.55	0.01	25.79	12.85
18/05/11-02:05:33	0.01	1.56	0.01	25.8	12.85
18/05/11-02:20:33	0.01	1.58	0.01	25.76	12.84
18/05/11-02:35:33	0.01	1.55	0.01	25.75	12.84
18/05/11-02:50:33	0.01	1.58	0.01	25.79	12.83
18/05/11-03:05:33	0.01	1.55	0.01	25.82	12.83
18/05/11-03:20:33	0.01	1.58	0.01	25.84	12.83
18/05/11-03:35:33	0.01	1.57	0.01	25.84	12.83
18/05/11-03:50:33	0.01	1.55	0.01	25.85	12.82
18/05/11-04:05:33	0.01	1.57	0.01	25.81	12.82
18/05/11-04:20:33	0.01	1.55	0.01	25.81	12.82
18/05/11-04:35:32	0.01	1.59	0.01	25.78	12.81
18/05/11-04:50:32	0.01	1.55	0.01	25.82	12.81
18/05/11-05:05:32	0.01	1.55	0.01	25.82	12.81
18/05/11-05:20:32	0.01	1.53	0.01	25.85	12.8
18/05/11-05:35:32	0.01	1.56	0.01	25.83	12.8
18/05/11-05:50:32	0.01	1.57	0.01	25.81	12.8
18/05/11-06:05:32	0.01	1.54	0.01	25.85	12.79
18/05/11-06:20:32	0.01	1.54	0.01	25.82	12.79
18/05/11-06:35:32	0.01	1.6	0.01	25.82	12.79
18/05/11-06:50:32	0.01	1.58	0.01	25.8	12.79
18/05/11-07:05:32	0.01	1.54	0.01	25.8	12.79
18/05/11-07:20:31	0.01	1.54	0.01	25.8	12.79
18/05/11-07:35:31	0.01	1.53	0.01	25.81	12.79
18/05/11-07:50:31	0.01	1.54	0.01	25.83	12.78
18/05/11-08:05:31	0.01	1.54	0.01	25.78	12.79
18/05/11-08:20:31	0.01	1.57	0.01	25.66	12.79
18/05/11-08:35:31	0.01	1.58	0.01	25.58	12.79
18/05/11-08:50:31	0.01	1.59	0.01	25.57	12.79
18/05/11-09:05:31	0.01	1.57	0.01	25.54	12.79
18/05/11-09:20:31	0.01	1.6	0.01	25.6	12.8
18/05/11-09:35:31	0.01	1.57	0.01	25.56	12.8
18/05/11-09:50:31	0.01	1.57	0.01	25.51	12.8
18/05/11-10:05:30	0.01	1.63	0.01	25.49	12.81
18/05/11-10:20:30	0.01	1.58	0.01	25.46	12.81

18/05/11-10:35:30	0.01	1.6	0.01	25.45	12.81
18/05/11-10:50:30	0.01	1.57	0.01	25.43	12.81
18/05/11-11:05:30	0.01	1.61	0.01	25.44	12.82
18/05/11-11:20:30	0.01	1.6	0.01	25.42	12.82
18/05/11-11:35:30	0.01	1.61	0.01	25.39	12.82
18/05/11-11:54:42	0.01	1.61	0.01	25.4	12.82
18/05/11-12:09:54	0.01	1.58	0.01	25.36	12.82
18/05/11-12:24:54	0.01	1.59	0.01	25.34	12.83
18/05/11-12:39:54	0.01	1.58	0.01	25.42	12.83
18/05/11-12:54:54	0.01	1.35	0.01	20.33	12.83
18/05/11-13:09:53	0.01	1.45	0.01	18.87	12.83
18/05/11-13:24:53	0.01	1.45	0.01	18.88	12.84
18/05/11-13:39:53	0.01	1.45	0.01	18.86	12.84
18/05/11-13:54:53	0.01	1.45	0.01	18.82	12.84
18/05/11-14:09:53	0.01	1.45	0.01	18.77	12.84
18/05/11-14:24:53	0.01	1.46	0.01	18.75	12.84
18/05/11-14:39:53	0.01	1.43	0.01	18.73	12.84
18/05/11-14:54:53	0.01	1.42	0.01	18.72	12.84
18/05/11-15:09:53	0.01	1.42	0.01	18.69	12.85
18/05/11-15:24:53	0.01	1.42	0.01	18.67	12.85
18/05/11-15:39:53	0.01	1.44	0.01	18.65	12.85
18/05/11-15:54:53	0.01	1.42	0.01	18.64	12.85
18/05/11-16:09:52	0.01	1.44	0.01	18.69	12.85
18/05/11-16:24:52	0.01	0.01	0.04	54.97	12.86
18/05/11-16:39:52	0.01	0.01	0.04	51.2	12.86
18/05/11-16:54:52	0.01	0.01	0.04	50.58	12.86
18/05/11-17:09:52	0.01	0.01	0.04	50.35	12.86
18/05/11-17:24:52	0.01	0.01	0.04	50.26	12.86
18/05/11-17:39:52	0.01	0.01	0.04	50.2	12.86
18/05/11-17:54:52	0.01	0.01	0.04	50.1	12.86
18/05/11-18:09:52	0.01	0.01	0.04	50.04	12.86
18/05/11-18:24:52	0.01	0.01	0.04	49.99	12.87
18/05/11-18:39:52	0.01	0.01	0.04	49.97	12.87
18/05/11-18:54:52	0.01	0.01	0.04	49.93	12.87
18/05/11-19:09:51	0.01	0.01	0.04	49.92	12.87
18/05/11-19:24:51	0.01	0.01	0.04	49.94	12.87
18/05/11-19:39:51	0.01	0.01	0.04	49.95	12.87
18/05/11-19:54:51	0.01	0.01	0.04	49.98	12.87
18/05/11-20:09:51	0.01	0.01	0.04	49.92	12.87
18/05/11-20:24:51	0.01	0.01	0.04	49.92	12.87
18/05/11-20:39:51	0.01	0.01	0.04	50.01	12.87
18/05/11-20:54:51	0.01	0.01	0.04	50.04	12.87
18/05/11-21:09:51	0.01	0.01	0.04	50.05	12.87
18/05/11-21:24:51	0.01	0.01	0.04	49.99	12.87
18/05/11-21:39:51	0.01	0.01	0.04	50.03	12.87
18/05/11-21:54:50	0.01	0.01	0.04	50	12.87
18/05/11-22:09:50	0.01	0.01	0.04	49.97	12.87
18/05/11-22:24:50	0.01	0.01	0.04	50.03	12.87
18/05/11-22:39:50	0.01	0.01	0.04	50	12.86
18/05/11-22:54:50	0.01	0.01	0.04	50.08	12.86

18/05/11-23:09:50	0.01	0.01	0.04	50.08	12.86
18/05/11-23:24:50	0.01	0.01	0.04	50.05	12.86
18/05/11-23:39:50	0.01	0.01	0.04	50.08	12.85
18/05/11-23:54:50	0.01	0.01	0.04	50.03	12.85
18/05/12-00:09:50	0.01	0.01	0.04	50.04	12.85
18/05/12-00:24:50	0.01	0.01	0.04	50.04	12.85
18/05/12-00:39:50	0.01	0.01	0.04	50.02	12.84
18/05/12-00:54:49	0.01	0.01	0.04	50.02	12.84
18/05/12-01:09:49	0.01	0.01	0.04	50	12.84
18/05/12-01:24:49	0.01	0.01	0.04	49.99	12.84
18/05/12-01:39:49	0.01	0.01	0.04	50.06	12.84
18/05/12-01:54:49	0.01	0.01	0.04	50.19	12.83
18/05/12-02:09:49	0.01	0.01	0.04	50.11	12.84
18/05/12-02:24:49	0.01	0.01	0.04	50.06	12.83
18/05/12-02:39:49	0.01	0.01	0.04	50.05	12.83
18/05/12-02:54:49	0.01	0.01	0.04	50.08	12.83
18/05/12-03:09:49	0.01	0.01	0.04	50.13	12.83
18/05/12-03:24:49	0.01	0.01	0.04	50.1	12.83
18/05/12-03:39:48	0.01	0.01	0.04	50.09	12.83
18/05/12-03:54:48	0.01	0.01	0.04	50.06	12.83
18/05/12-04:09:48	0.01	0.01	0.04	50.09	12.82
18/05/12-04:24:48	0.01	0.01	0.04	50.09	12.82
18/05/12-04:39:48	0.01	0.01	0.04	50.07	12.82
18/05/12-04:54:48	0.01	0.01	0.04	50.07	12.82
18/05/12-05:09:48	0.01	0.01	0.04	50.08	12.82
18/05/12-05:24:48	0.01	0.01	0.04	50.08	12.82
18/05/12-05:39:48	0.01	0.01	0.04	50.07	12.81
18/05/12-05:54:48	0.01	0.01	0.04	50.09	12.81
18/05/12-06:09:48	0.01	0.01	0.04	50.03	12.81
18/05/12-06:24:47	0.01	0.01	0.04	50.05	12.81
18/05/12-06:39:47	0.01	0.01	0.04	50.02	12.81
18/05/12-06:54:47	0.01	0.01	0.04	50.02	12.81
18/05/12-07:09:47	0.01	0.01	0.04	50.05	12.82
18/05/12-07:24:47	0.01	0.01	0.04	50.04	12.82
18/05/12-07:39:47	0.01	0.01	0.04	49.97	12.82
18/05/12-07:54:47	0.01	0.01	0.04	50.05	12.82
18/05/12-08:09:47	0.01	0.01	0.04	50.06	12.82
18/05/12-08:24:47	0.01	0.01	0.04	50.02	12.82
18/05/12-08:39:47	0.01	0.01	0.04	49.98	12.82
18/05/12-08:54:47	0.01	0.01	0.04	49.97	12.83
18/05/12-09:09:46	0.01	0.01	0.04	50.01	12.83
18/05/12-09:24:46	0.01	0.01	0.04	50.02	12.83
18/05/12-09:39:46	0.01	0.01	0.04	50	12.83
18/05/12-09:54:46	0.01	0.01	0.04	50.06	12.83
18/05/12-10:09:46	0.01	0.01	0.04	50.01	12.83
18/05/12-10:24:46	0.01	0.01	0.04	49.96	12.84
18/05/12-10:39:46	0.01	0.01	0.04	49.96	12.84
18/05/12-10:54:46	0.01	0.01	0.04	49.95	12.84
18/05/12-11:09:46	0.01	0.01	0.04	49.91	12.84
18/05/12-11:24:46	0.01	0.01	0.04	49.9	12.84

18/05/12-11:39:46	0.01	0.01	0.04	49.9	12.84
18/05/12-11:54:46	0.01	0.01	0.04	49.89	12.84
18/05/12-12:09:45	0.01	0.01	0.04	49.88	12.85
18/05/12-12:24:45	0.01	0.01	0.04	49.9	12.85
18/05/12-12:39:45	0.01	0.01	0.04	49.86	12.85
18/05/12-12:54:45	0.01	0.01	0.04	49.84	12.85
18/05/12-13:09:45	0.01	0.01	0.04	49.85	12.85
18/05/12-13:24:45	0.01	0.01	0.04	49.84	12.85
18/05/12-13:39:45	0.01	0.01	0.04	49.81	12.85
18/05/12-13:54:45	0.01	0.01	0.04	49.77	12.85
18/05/12-14:09:45	0.01	0.01	0.04	49.78	12.85
18/05/12-14:24:45	0.01	0.01	0.04	49.9	12.85
18/05/12-14:39:45	0.01	0.01	0.04	49.85	12.85
18/05/12-14:54:44	0.01	0.01	0.04	49.86	12.86
18/05/12-15:09:44	0.01	0.01	0.04	49.83	12.86
18/05/12-15:24:44	0.01	0.01	0.04	49.82	12.85
18/05/12-15:39:44	0.01	0.01	0.04	49.86	12.85
18/05/12-15:54:44	0.01	0.01	0.04	49.86	12.86
18/05/12-16:09:44	0.01	0.01	0.04	49.86	12.86
18/05/12-16:24:44	0.01	0.01	0.04	49.83	12.86
18/05/12-16:39:44	0.01	0.01	0.04	49.84	12.86
18/05/12-16:54:44	0.01	0.01	0.04	49.86	12.86
18/05/12-17:09:44	0.01	0.01	0.04	49.86	12.86
18/05/12-17:24:44	0.01	0.01	0.04	49.96	12.85
18/05/12-17:39:44	0.01	0.01	0.04	50.02	12.85
18/05/12-17:54:43	0.01	0.01	0.04	50.04	12.84
18/05/12-18:09:43	0.01	0.01	0.04	50.01	12.84
18/05/12-18:24:43	0.01	0.01	0.04	49.99	12.84
18/05/12-18:39:43	0.01	0.01	0.04	49.96	12.84
18/05/12-18:54:43	0.01	0.01	0.04	49.96	12.84
18/05/12-19:09:43	0.01	0.01	0.04	49.96	12.84
18/05/12-19:24:43	0.01	0.01	0.04	49.91	12.83
18/05/12-19:39:43	0.01	0.01	0.04	49.91	12.83
18/05/12-19:54:43	0.01	0.01	0.04	49.91	12.83
18/05/12-20:09:43	0.01	0.01	0.04	49.94	12.83
18/05/12-20:24:43	0.01	0.01	0.04	49.92	12.82
18/05/12-20:39:42	0.01	0.01	0.04	49.9	12.82
18/05/12-20:54:42	0.01	0.01	0.04	49.86	12.82
18/05/12-21:09:42	0.01	0.01	0.04	49.82	12.82
18/05/12-21:24:42	0.01	0.01	0.04	49.84	12.82
18/05/12-21:39:42	0.01	0.01	0.04	49.86	12.82
18/05/12-21:54:42	0.01	0.01	0.04	49.87	12.82
18/05/12-22:09:42	0.01	0.01	0.04	49.85	12.81
18/05/12-22:24:42	0.01	0.01	0.04	49.85	12.81
18/05/12-22:39:42	0.01	0.01	0.04	49.85	12.81
18/05/12-22:54:42	0.01	0.01	0.04	49.84	12.81
18/05/12-23:09:42	0.01	0.01	0.04	49.85	12.81
18/05/12-23:24:41	0.01	0.01	0.04	49.82	12.81
18/05/12-23:39:41	0.01	0.01	0.04	49.83	12.81
18/05/12-23:54:41	0.01	0.01	0.04	49.87	12.81

18/05/13-00:09:41	0.01	0.01	0.04	49.81	12.8
18/05/13-00:24:41	0.01	0.01	0.04	49.83	12.8
18/05/13-00:39:41	0.01	0.01	0.04	49.87	12.8
18/05/13-00:54:41	0.01	0.01	0.04	49.87	12.8
18/05/13-01:09:41	0.01	0.01	0.04	49.9	12.8
18/05/13-01:24:41	0.01	0.01	0.04	49.91	12.8
18/05/13-01:39:41	0.01	0.01	0.04	49.89	12.8
18/05/13-01:54:41	0.01	0.01	0.04	49.88	12.8
18/05/13-02:09:40	0.01	0.01	0.04	49.85	12.8
18/05/13-02:24:40	0.01	0.01	0.04	49.84	12.8
18/05/13-02:39:40	0.01	0.01	0.04	49.86	12.8
18/05/13-02:54:40	0.01	0.01	0.04	49.86	12.8
18/05/13-03:09:40	0.01	0.01	0.04	49.84	12.79
18/05/13-03:24:40	0.01	0.01	0.04	49.86	12.79
18/05/13-03:39:40	0.01	0.01	0.04	49.83	12.79
18/05/13-03:54:40	0.01	0.01	0.04	49.81	12.79
18/05/13-04:09:40	0.01	0.01	0.04	49.8	12.79
18/05/13-04:24:40	0.01	0.01	0.04	49.83	12.79
18/05/13-04:39:40	0.01	0.01	0.04	49.83	12.78
18/05/13-04:54:39	0.01	0.01	0.04	49.86	12.78
18/05/13-05:09:39	0.01	0.01	0.04	49.86	12.77
18/05/13-05:24:39	0.01	0.01	0.04	49.89	12.78
18/05/13-05:39:39	0.01	0.01	0.04	49.85	12.77
18/05/13-05:54:39	0.01	0.01	0.04	49.89	12.77
18/05/13-06:09:39	0.01	0.01	0.04	49.87	12.77
18/05/13-06:24:39	0.01	0.01	0.04	49.85	12.77
18/05/13-06:39:39	0.01	0.01	0.04	49.86	12.77
18/05/13-06:54:39	0.01	0.01	0.04	49.88	12.77
18/05/13-07:09:39	0.01	0.01	0.04	49.85	12.77
18/05/13-07:24:39	0.01	0.01	0.04	49.88	12.77
18/05/13-07:39:38	0.01	0.01	0.04	49.96	12.77
18/05/13-07:54:38	0.01	0.01	0.04	49.95	12.77
18/05/13-08:09:38	0.01	0.01	0.04	49.95	12.77
18/05/13-08:24:38	0.01	0.01	0.04	49.91	12.77
18/05/13-08:39:38	0.01	0.01	0.04	49.95	12.77
18/05/13-08:54:38	0.01	0.01	0.04	49.95	12.77
18/05/13-09:09:38	0.01	0.01	0.04	49.95	12.77
18/05/13-09:24:38	0.01	0.01	0.04	49.95	12.77
18/05/13-09:39:38	0.01	0.01	0.04	49.92	12.77
18/05/13-09:54:38	0.01	0.01	0.04	50.02	12.77
18/05/13-10:09:38	0.01	0.01	0.04	49.98	12.78
18/05/13-10:24:37	0.01	0.01	0.04	49.95	12.78
18/05/13-10:39:37	0.01	0.01	0.04	49.97	12.78
18/05/13-10:54:37	0.01	0.01	0.04	49.97	12.78
18/05/13-11:09:37	0.01	0.01	0.04	49.96	12.78
18/05/13-11:24:37	0.01	0.01	0.04	49.96	12.78
18/05/13-11:39:37	0.01	0.01	0.04	49.94	12.78
18/05/13-11:54:37	0.01	0.01	0.04	49.97	12.78
18/05/13-12:09:37	0.01	0.01	0.04	49.96	12.78
18/05/13-12:24:37	0.01	0.01	0.04	50.01	12.78

18/05/13-12:39:37	0.01	0.01	0.04	49.97	12.78
18/05/13-12:54:37	0.01	0.01	0.04	50.01	12.78
18/05/13-13:09:36	0.01	0.01	0.04	49.98	12.78
18/05/13-13:24:36	0.01	0.01	0.04	49.96	12.78
18/05/13-13:39:36	0.01	0.01	0.04	49.97	12.78
18/05/13-13:54:36	0.01	0.01	0.04	49.93	12.79
18/05/13-14:09:36	0.01	0.01	0.04	49.92	12.78
18/05/13-14:24:36	0.01	0.01	0.04	49.93	12.79
18/05/13-14:39:36	0.01	0.01	0.04	49.91	12.79
18/05/13-14:54:36	0.01	0.01	0.04	49.94	12.79
18/05/13-15:09:36	0.01	0.01	0.04	49.93	12.79
18/05/13-15:24:36	0.01	0.01	0.04	49.92	12.79
18/05/13-15:39:36	0.01	0.01	0.04	49.98	12.79
18/05/13-15:54:35	0.01	0.01	0.04	49.97	12.79
18/05/13-16:09:35	0.01	0.01	0.04	49.96	12.79
18/05/13-16:24:35	0.01	0.01	0.04	49.98	12.79
18/05/13-16:39:35	0.01	0.01	0.04	49.95	12.79
18/05/13-16:54:35	0.01	0.01	0.04	49.94	12.79
18/05/13-17:09:35	0.01	0.01	0.04	49.93	12.79
18/05/13-17:24:35	0.01	0.01	0.04	49.94	12.79
18/05/13-17:39:35	0.01	0.01	0.04	49.94	12.8
18/05/13-17:54:35	0.01	0.01	0.04	49.96	12.8
18/05/13-18:09:35	0.01	0.01	0.04	49.96	12.8
18/05/13-18:24:35	0.01	0.01	0.04	49.94	12.8
18/05/13-18:39:34	0.01	0.01	0.04	49.93	12.8
18/05/13-18:54:34	0.01	0.01	0.04	49.94	12.8
18/05/13-19:09:34	0.01	0.01	0.04	49.96	12.8
18/05/13-19:24:34	0.01	0.01	0.04	49.99	12.79
18/05/13-19:39:34	0.01	0.01	0.04	49.97	12.79
18/05/13-19:54:34	0.01	0.01	0.04	49.96	12.79
18/05/13-20:09:34	0.01	0.01	0.04	49.93	12.79
18/05/13-20:24:34	0.01	0.01	0.04	49.98	12.79
18/05/13-20:39:34	0.01	0.01	0.04	49.99	12.79
18/05/13-20:54:34	0.01	0.01	0.04	49.94	12.79
18/05/13-21:09:34	0.01	0.01	0.04	49.93	12.78
18/05/13-21:24:33	0.01	0.01	0.04	50.02	12.78
18/05/13-21:39:33	0.01	0.01	0.04	50.02	12.78
18/05/13-21:54:33	0.01	0.01	0.04	50.02	12.78
18/05/13-22:09:33	0.01	0.01	0.04	50.02	12.77
18/05/13-22:24:33	0.01	0.01	0.04	49.97	12.77
18/05/13-22:39:33	0.01	0.01	0.04	49.94	12.76
18/05/13-22:54:33	0.01	0.01	0.04	49.98	12.76
18/05/13-23:09:33	0.01	0.01	0.04	50.02	12.76
18/05/13-23:24:33	0.01	0.01	0.04	50.02	12.75
18/05/13-23:39:33	0.01	0.01	0.04	49.99	12.75
18/05/13-23:54:33	0.01	0.01	0.04	49.97	12.75
18/05/14-00:09:32	0.01	0.01	0.04	49.98	12.75
18/05/14-00:24:32	0.01	0.01	0.04	50	12.74
18/05/14-00:39:32	0.01	0.01	0.04	50.02	12.74
18/05/14-00:54:32	0.01	0.01	0.04	50.03	12.74

18/05/14-01:09:32	0.01	0.01	0.04	49.98	12.74
18/05/14-01:24:32	0.01	0.01	0.04	50	12.74
18/05/14-01:39:32	0.01	0.01	0.04	49.96	12.74
18/05/14-01:54:32	0.01	0.01	0.04	50.06	12.74
18/05/14-02:09:32	0.01	0.01	0.04	50.02	12.74
18/05/14-02:24:32	0.01	0.01	0.04	49.97	12.74
18/05/14-02:39:32	0.01	0.01	0.04	49.96	12.74
18/05/14-02:54:31	0.01	0.01	0.04	49.92	12.74
18/05/14-03:09:31	0.01	0.01	0.04	49.9	12.74
18/05/14-03:24:31	0.01	0.01	0.04	49.89	12.74
18/05/14-03:39:31	0.01	0.01	0.04	49.97	12.74
18/05/14-03:54:31	0.01	0.01	0.04	49.98	12.74
18/05/14-04:09:31	0.01	0.01	0.04	50.01	12.74
18/05/14-04:24:31	0.01	0.01	0.04	49.97	12.74
18/05/14-04:39:31	0.01	0.01	0.04	49.96	12.74
18/05/14-04:54:31	0.01	0.01	0.04	49.97	12.74
18/05/14-05:09:31	0.01	0.01	0.04	49.93	12.74
18/05/14-05:24:31	0.01	0.01	0.04	49.95	12.74
18/05/14-05:39:30	0.01	0.01	0.04	49.94	12.74
18/05/14-05:54:30	0.01	0.01	0.04	50.02	12.74
18/05/14-06:09:30	0.01	0.01	0.04	49.97	12.74
18/05/14-06:24:30	0.01	0.01	0.04	49.97	12.74
18/05/14-06:39:30	0.01	0.01	0.04	49.92	12.74
18/05/14-06:54:30	0.01	0.01	0.04	49.89	12.74
18/05/14-07:09:30	0.01	0.01	0.04	49.85	12.74
18/05/14-07:24:30	0.01	0.01	0.04	49.85	12.74
18/05/14-07:39:30	0.01	0.01	0.04	49.85	12.74
18/05/14-07:54:30	0.01	0.01	0.04	49.96	12.74
18/05/14-08:09:30	0.01	0.01	0.04	50.05	12.74
18/05/14-08:24:29	0.01	0.01	0.04	49.92	12.74
18/05/14-08:39:29	0.01	0.01	0.04	49.94	12.74
18/05/14-08:54:29	0.01	0.01	0.04	49.95	12.74
18/05/14-09:09:29	0.01	0.01	0.04	50	12.74
18/05/14-09:24:29	0.01	0.01	0.04	49.98	12.74
18/05/14-09:39:29	0.01	0.01	0.04	49.98	12.74
18/05/14-09:54:29	0.01	0.01	0.04	49.94	12.74
18/05/14-10:09:29	0.01	0.01	0.04	49.93	12.74
18/05/14-10:24:29	0.01	0.01	0.04	49.92	12.74
18/05/14-10:39:29	0.01	0.01	0.04	49.9	12.74
18/05/14-10:54:29	0.01	0.01	0.04	49.92	12.74
18/05/14-11:09:28	0.01	0.01	0.04	49.9	12.73
18/05/14-11:24:28	0.01	0.01	0.04	49.96	12.74
18/05/14-11:39:28	0.01	0.01	0.04	49.88	12.74
18/05/14-11:54:28	0.01	0.01	0.04	49.89	12.74
18/05/14-12:09:28	0.01	0.01	0.04	49.89	12.74
18/05/14-12:24:28	0.01	0.01	0.04	49.92	12.74
18/05/14-12:39:28	0.01	0.01	0.04	49.94	12.74
18/05/14-12:54:28	0.01	0.01	0.04	49.91	12.74
18/05/14-13:09:28	0.01	0.01	0.04	49.93	12.73
18/05/14-13:24:28	0.01	0.01	0.04	49.93	12.74

18/05/14-13:39:28	0.01	0.01	0.04	49.93	12.74
18/05/14-13:54:27	0.01	0.01	0.04	49.9	12.74
18/05/14-14:09:27	0.01	0.01	0.04	49.88	12.74
18/05/14-14:24:27	0.01	0.01	0.04	49.89	12.74
18/05/14-14:39:27	0.01	0.01	0.04	49.94	12.74
18/05/14-14:54:27	0.01	0.01	0.04	49.96	12.74
18/05/14-15:09:27	0.01	0.01	0.04	49.94	12.74
18/05/14-15:24:27	0.01	0.01	0.04	49.98	12.74
18/05/14-15:39:27	0.01	0.01	0.04	49.9	12.75
18/05/14-15:54:27	0.01	0.01	0.04	49.72	12.74
18/05/14-16:09:27	0.01	0.01	0.04	49.71	12.74
18/05/14-16:24:27	0.01	0.01	0.04	49.71	12.75
18/05/14-16:39:26	0.01	0.01	0.04	49.67	12.75
18/05/14-16:54:26	0.01	0.01	0.04	49.66	12.75
18/05/14-17:09:26	0.01	0.01	0.04	49.67	12.75
18/05/14-17:24:26	0.01	0.01	0.04	49.7	12.75
18/05/14-17:39:26	0.01	0.01	0.04	49.68	12.75
18/05/14-17:54:26	0.01	0.01	0.04	49.64	12.76
18/05/14-18:09:26	0.01	0.01	0.04	49.64	12.76
18/05/14-18:24:26	0.01	0.01	0.04	49.6	12.76
18/05/14-18:39:26	0.01	0.01	0.04	49.65	12.76
18/05/14-18:54:26	0.01	0.01	0.04	49.64	12.76
18/05/14-19:09:26	0.01	0.01	0.04	49.6	12.76
18/05/14-19:24:25	0.01	0.01	0.04	49.6	12.76
18/05/14-19:39:25	0.01	0.01	0.04	49.59	12.77
18/05/14-19:54:25	0.01	0.01	0.04	49.61	12.77
18/05/14-20:09:25	0.01	0.01	0.04	49.6	12.77
18/05/14-20:24:25	0.01	0.01	0.04	49.59	12.77
18/05/14-20:39:25	0.01	0.01	0.04	49.44	12.77
18/05/14-20:54:25	0.01	0.01	0.04	49.43	12.77
18/05/14-21:09:25	0.01	0.01	0.04	49.42	12.77
18/05/14-21:24:25	0.01	0.01	0.04	49.41	12.77
18/05/14-21:39:25	0.01	0.01	0.04	49.44	12.77
18/05/14-21:54:25	0.01	0.01	0.04	49.52	12.77
18/05/14-22:09:24	0.01	0.01	0.04	49.51	12.77
18/05/14-22:24:24	0.01	0.01	0.04	49.51	12.77
18/05/14-22:39:24	0.01	0.01	0.04	49.56	12.78
18/05/14-22:54:24	0.01	0.01	0.04	49.51	12.78
18/05/14-23:09:24	0.01	0.01	0.04	49.5	12.78
18/05/14-23:24:24	0.01	0.01	0.04	49.44	12.78
18/05/14-23:39:24	0.01	0.01	0.04	49.43	12.77
18/05/14-23:54:24	0.01	0.01	0.04	49.42	12.78
18/05/15-00:09:24	0.01	0.01	0.04	49.38	12.78
18/05/15-00:24:24	0.01	0.01	0.04	49.38	12.78
18/05/15-00:39:24	0.01	0.01	0.04	49.4	12.78
18/05/15-00:54:23	0.01	0.01	0.04	49.36	12.78
18/05/15-01:09:23	0.01	0.01	0.04	49.36	12.78
18/05/15-01:24:23	0.01	0.01	0.04	49.4	12.78
18/05/15-01:39:23	0.01	0.01	0.04	49.33	12.78
18/05/15-01:54:23	0.01	0.01	0.04	49.35	12.78

18/05/15-02:09:23	0.01	0.01	0.04	49.42	12.78
18/05/15-02:24:23	0.01	0.01	0.04	49.45	12.78
18/05/15-02:39:23	0.01	0.01	0.04	49.45	12.78
18/05/15-02:54:23	0.01	0.01	0.04	49.4	12.78
18/05/15-03:09:23	0.01	0.01	0.04	49.39	12.78
18/05/15-03:24:23	0.01	0.01	0.04	49.38	12.78
18/05/15-03:39:23	0.01	0.01	0.04	49.41	12.78
18/05/15-03:54:22	0.01	0.01	0.04	49.39	12.78
18/05/15-04:09:22	0.01	0.01	0.04	49.36	12.78
18/05/15-04:24:22	0.01	0.01	0.04	49.36	12.78
18/05/15-04:39:22	0.01	0.01	0.04	49.35	12.78
18/05/15-04:54:22	0.01	0.01	0.04	49.33	12.78
18/05/15-05:09:22	0.01	0.01	0.04	49.32	12.78
18/05/15-05:24:22	0.01	0.01	0.04	49.38	12.78
18/05/15-05:39:22	0.01	0.01	0.04	49.36	12.78
18/05/15-05:54:22	0.01	0.01	0.04	49.38	12.78
18/05/15-06:09:22	0.01	0.01	0.04	49.47	12.79
18/05/15-06:24:22	0.01	0.01	0.04	49.44	12.78
18/05/15-06:39:21	0.01	0.01	0.04	49.44	12.78
18/05/15-06:54:21	0.01	0.01	0.04	49.43	12.79
18/05/15-07:09:21	0.01	0.01	0.04	49.45	12.78
18/05/15-07:24:21	0.01	0.01	0.04	49.44	12.79
18/05/15-07:39:21	0.01	0.01	0.04	49.57	12.78
18/05/15-07:54:21	0.01	0.01	0.04	49.47	12.78
18/05/15-08:09:21	0.01	0.01	0.04	49.44	12.78
18/05/15-08:24:21	0.01	0.01	0.04	49.44	12.78
18/05/15-08:39:21	0.01	0.01	0.04	49.45	12.78
18/05/15-08:54:21	0.01	0.01	0.04	49.37	12.78
18/05/15-09:09:21	0.01	0.01	0.04	49.34	12.78
18/05/15-09:24:20	0.01	0.01	0.04	49.33	12.78
18/05/15-09:39:20	0.01	0.01	0.04	49.39	12.78
18/05/15-09:54:20	0.01	0.01	0.04	49.54	12.79
18/05/15-10:09:20	0.01	0.01	0.04	49.57	12.79
18/05/15-10:24:20	0.01	0.01	0.04	49.52	12.79
18/05/15-10:39:20	0.01	0.01	0.04	49.53	12.79
18/05/15-10:54:20	0.01	0.01	0.04	49.5	12.79
18/05/15-11:09:20	0.01	0.01	0.04	49.5	12.78
18/05/15-11:24:20	0.01	0.01	0.04	49.55	12.78
18/05/15-11:39:20	0.01	0.01	0.04	49.54	12.79
18/05/15-11:54:20	0.01	0.01	0.04	49.55	12.79
18/05/15-12:09:19	0.01	0.01	0.04	49.51	12.79
18/05/15-12:24:19	0.01	0.01	0.04	49.51	12.79
18/05/15-12:39:19	0.01	0.01	0.04	49.5	12.79
18/05/15-12:54:19	0.01	0.01	0.04	49.51	12.79
18/05/15-13:09:19	0.01	0.01	0.04	49.47	12.79
18/05/15-13:24:19	0.01	0.01	0.04	49.47	12.79
18/05/15-13:39:19	0.01	0.01	0.04	49.45	12.79
18/05/15-13:54:19	0.01	0.01	0.04	49.46	12.79
18/05/15-14:09:19	0.01	0.01	0.04	49.52	12.79
18/05/15-14:24:19	0.01	0.01	0.04	49.52	12.79

18/05/15-14:39:19	0.01	0.01	0.04	49.51	12.79
18/05/15-14:54:18	0.01	0.01	0.04	49.47	12.8
18/05/15-15:09:18	0.01	0.01	0.04	95.62	12.8
18/05/15-15:24:18	0.01	1.97	0.01	32.26	12.82
18/05/15-15:39:18	0.01	2.51	0.01	24.35	12.82
18/05/15-15:54:18	0.01	2.85	0.01	19.41	12.81
18/05/15-16:09:18	0.01	2.94	0.01	17.97	12.82
18/05/15-16:24:18	0.01	3.07	0.01	16.64	12.82
18/05/15-16:39:18	0.01	3.13	0.01	15.9	12.82
18/05/15-16:54:18	0.01	3.15	0.01	15.66	12.82
18/05/15-17:09:18	0.01	3.03	0.01	17.3	12.83
18/05/15-17:24:18	0.01	3.05	0.01	16.78	12.83
18/05/15-17:39:18	0.01	3.04	0.01	16.66	12.82
18/05/15-17:54:17	0.01	3.07	0.01	16.39	12.82
18/05/15-18:09:17	0.01	3.08	0.01	16.19	12.82
18/05/15-18:24:17	0.01	3.11	0.01	16.03	12.82
18/05/15-18:39:17	0.01	3.12	0.01	15.9	12.82
18/05/15-18:54:17	0.01	3.13	0.01	15.74	12.82
18/05/15-19:09:17	0.01	3.11	0.01	15.57	12.82
18/05/15-19:24:17	0.01	3.15	0.01	15.53	12.82
18/05/15-19:39:17	0.01	3.14	0.01	15.52	12.82
18/05/15-19:54:17	0.01	3.14	0.01	15.46	12.82
18/05/15-20:09:17	0.01	3.14	0.01	15.45	12.82
18/05/15-20:24:17	0.01	3.14	0.01	15.44	12.82
18/05/15-20:39:16	0.01	3.14	0.01	15.42	12.82
18/05/15-20:54:16	0.01	3.11	0.01	15.38	12.82
18/05/15-21:09:16	0.01	3.13	0.01	15.35	12.82
18/05/15-21:24:16	0.01	3.12	0.01	15.35	12.82
18/05/15-21:39:16	0.01	3.11	0.01	15.37	12.82
18/05/15-21:54:16	0.01	3.13	0.01	15.34	12.83
18/05/15-22:09:16	0.01	3.14	0.01	15.32	12.82
18/05/15-22:24:16	0.01	3.16	0.01	15.28	12.83
18/05/15-22:39:16	0.01	3.15	0.01	15.24	12.83
18/05/15-22:54:16	0.01	3.14	0.01	15.22	12.82
18/05/15-23:09:16	0.01	3.11	0.01	15.23	12.83
18/05/15-23:24:15	0.01	3.12	0.01	15.22	12.83
18/05/15-23:39:15	0.01	3.13	0.01	15.2	12.82
18/05/15-23:54:15	0.01	3.14	0.01	15.21	12.82
18/05/16-00:09:15	0.01	3.16	0.01	15.19	12.82
18/05/16-00:24:15	0.01	3.16	0.01	15.16	12.83
18/05/16-00:39:15	0.01	3.12	0.01	15.14	12.83
18/05/16-00:54:15	0.01	3.13	0.01	15.13	12.83
18/05/16-01:09:15	0.01	3.14	0.01	15.12	12.83
18/05/16-01:24:15	0.01	3.12	0.01	15.12	12.83
18/05/16-01:39:15	0.01	3.14	0.01	15.11	12.83
18/05/16-01:54:15	0.01	3.13	0.01	15.11	12.83
18/05/16-02:09:15	0.01	3.15	0.01	15.13	12.83
18/05/16-02:24:14	0.01	3.12	0.01	15.12	12.83
18/05/16-02:39:14	0.01	3.14	0.01	15.13	12.83
18/05/16-02:54:14	0.01	3.12	0.01	15.11	12.83

18/05/16-03:09:14	0.01	3.14	0.01	15.13	12.82
18/05/16-03:24:14	0.01	3.13	0.01	15.11	12.83
18/05/16-03:39:14	0.01	3.1	0.01	15.1	12.83
18/05/16-03:54:14	0.01	3.12	0.01	15.08	12.83
18/05/16-04:09:14	0.01	3.13	0.01	15.08	12.83
18/05/16-04:24:14	0.01	3.13	0.01	15.07	12.83
18/05/16-04:39:14	0.01	3.12	0.01	15.09	12.83
18/05/16-04:54:14	0.01	3.11	3.45	15.07	12.83
18/05/16-05:09:13	0.01	3.12	0.01	15.06	12.83
18/05/16-05:24:13	0.01	3.11	0.01	15.08	12.83
18/05/16-05:39:13	0.01	3.11	0.01	15.06	12.83
18/05/16-05:54:13	0.01	3.13	0.01	15.08	12.83
18/05/16-06:09:13	0.01	3.11	0.01	15.09	12.82
18/05/16-06:24:13	0.01	3.09	0.01	15.08	12.83
18/05/16-06:39:13	0.01	3.12	0.01	15.09	12.83
18/05/16-06:54:13	0.01	3.12	0.01	15.09	12.83
18/05/16-07:09:13	0.01	3.09	0.01	15.09	12.83
18/05/16-07:24:13	0.01	3.1	0.01	15.09	12.83
18/05/16-07:39:13	0.01	3.12	0.01	15.09	12.83
18/05/16-07:54:12	0.01	3.13	0.01	15.07	12.83
18/05/16-08:09:12	0.01	3.11	0.01	15.08	12.83
18/05/16-08:24:12	0.01	3.08	0.01	15.06	12.83
18/05/16-08:39:12	0.01	3.1	0.01	15.06	12.83
18/05/16-08:54:12	0.01	3.11	0.01	15.05	12.82
18/05/16-09:09:12	0.01	3.11	0.01	15.06	12.83
18/05/16-09:24:12	0.01	3.11	0.01	15.04	12.83
18/05/16-09:39:12	0.01	3.12	0.01	15.04	12.83
18/05/16-09:54:12	0.01	3.09	0.01	15.02	12.83
18/05/16-10:09:12	0.01	3.08	0.01	15	12.83
18/05/16-10:24:12	0.01	3.1	0.01	15	12.83
18/05/16-10:39:11	0.01	3.1	0.01	15	12.83
18/05/16-10:54:11	0.01	3.1	0.01	15	12.83
18/05/16-11:09:11	0.01	3.08	0.01	14.99	12.83
18/05/16-11:24:11	0.01	3.12	0.01	15	12.83
18/05/16-11:39:11	0.01	3.09	0.01	14.98	12.83
18/05/16-11:54:11	0.01	3.08	0.01	14.98	12.83
18/05/16-12:09:11	0.01	3.08	0.01	14.94	12.83
18/05/16-12:24:11	0.01	3.11	0.01	14.94	12.83
18/05/16-12:39:11	0.01	3.08	0.01	14.93	12.83
18/05/16-12:54:11	0.01	3.08	0.01	14.93	12.83
18/05/16-13:09:11	0.01	3.08	0.01	14.94	12.83
18/05/16-13:24:11	0.01	3.1	0.01	14.93	12.83
18/05/16-13:39:10	0.01	3.1	0.01	14.97	12.83
18/05/16-13:54:10	0.01	3.08	0.01	15	12.82
18/05/16-14:09:10	0.01	3.08	0.01	15.04	12.82
18/05/16-14:24:10	0.01	3.06	0.01	15.03	12.82
18/05/16-14:39:10	0.01	3.08	0.01	15.01	12.82
18/05/16-14:54:10	0.01	3.09	0.01	15	12.83
18/05/16-15:09:10	0.01	3.1	0.01	15	12.83
18/05/16-15:24:10	0.01	3.07	0.01	14.98	12.83

18/05/16-15:39:10	0.01	3.07	0.01	14.98	12.82
18/05/16-15:54:10	0.01	3.09	0.01	14.95	12.83
18/05/16-16:09:10	0.01	3.07	0.01	14.95	12.83
18/05/16-16:24:09	0.01	3.07	0.01	14.89	12.83
18/05/16-16:39:09	0.01	3.1	0.01	14.91	12.82
18/05/16-16:54:09	0.01	3.05	0.01	14.84	12.82
18/05/16-17:09:09	0.01	3.06	0.01	14.81	12.82
18/05/16-17:24:09	0.01	3.05	0.01	14.88	12.82
18/05/16-17:39:09	0.01	3.04	0.01	14.88	12.82
18/05/16-17:54:09	0.01	3.11	0.01	14.88	12.82
18/05/16-18:09:09	0.01	3.06	0.01	14.84	12.82
18/05/16-18:24:09	0.01	3.08	0.01	14.81	12.82
18/05/16-18:39:09	0.01	3.03	0.01	14.78	12.82
18/05/16-18:54:09	0.01	3.07	0.01	14.77	12.82
18/05/16-19:09:09	0.01	3.1	0.01	14.81	12.82
18/05/16-19:24:08	0.01	3.02	0.01	14.93	12.81
18/05/16-19:39:08	0.01	3.05	0.01	15	12.81
18/05/16-19:54:08	0.01	3.07	0.01	15.05	12.82
18/05/16-20:09:08	0.01	3.06	0.01	15	12.82
18/05/16-20:24:08	0.01	3.04	0.01	14.93	12.82
18/05/16-20:39:08	0.01	3.06	0.01	14.87	12.83
18/05/16-20:54:08	0.01	3.04	0.01	14.84	12.83
18/05/16-21:09:08	0.01	3.04	0.01	14.88	12.82
18/05/16-21:24:08	0.01	3.01	0.01	14.84	12.83
18/05/16-21:39:08	0.01	3.03	0.01	14.85	12.83
18/05/16-21:54:08	0.01	3.04	0.01	14.85	12.83
18/05/16-22:09:07	0.01	3.05	0.01	14.83	12.83
18/05/16-22:24:07	0.01	3.05	0.01	14.83	12.84
18/05/16-22:39:07	0.01	3.03	0.01	14.85	12.84
18/05/16-22:54:07	0.01	3.05	0.01	14.9	12.85
18/05/16-23:09:07	0.01	3.05	0.01	14.86	12.85
18/05/16-23:24:07	0.01	3.05	0.01	14.83	12.85
18/05/16-23:39:07	0.01	3.06	0.01	14.84	12.85
18/05/16-23:54:07	0.01	3.03	0.01	14.87	12.86
18/05/17-00:09:07	0.01	3.02	0.01	14.86	12.86
18/05/17-00:24:07	0.01	3.02	0.01	14.64	12.86
18/05/17-00:39:07	0.01	3.04	0.01	14.59	12.88
18/05/17-00:54:07	0.01	3.04	0.01	14.61	12.88
18/05/17-01:09:06	0.01	3.06	0.01	14.62	12.88
18/05/17-01:24:06	0.01	3.07	0.01	14.62	12.89
18/05/17-01:39:06	0.01	3.05	0.01	14.57	12.89
18/05/17-01:54:06	0.01	3.04	0.01	14.55	12.9
18/05/17-02:09:06	0.01	3.03	0.01	14.56	12.9
18/05/17-02:24:06	0.01	3.07	0.01	14.52	12.91
18/05/17-02:39:06	0.01	3.05	0.01	14.56	12.92
18/05/17-02:54:06	0.01	3.05	0.01	14.55	12.92
18/05/17-03:09:06	0.01	3.06	0.01	14.54	12.93
18/05/17-03:24:06	0.01	3.05	0.01	14.54	12.94
18/05/17-03:39:06	0.01	3.04	0.01	14.54	12.95
18/05/17-03:54:05	0.01	3.05	0.01	14.54	12.97

18/05/17-04:09:05	0.01	3.05	0.01	14.53	12.97
18/05/17-04:24:05	0.01	3.03	0.01	14.54	12.97
18/05/17-04:39:05	0.01	3.03	0.01	14.52	12.98
18/05/17-04:54:05	0.01	3.02	0.01	14.51	12.99
18/05/17-05:09:05	0.01	3.02	0.01	14.53	13
18/05/17-05:24:05	0.01	3.01	0.01	14.49	13.01
18/05/17-05:39:05	0.01	3.04	0.01	14.5	13.01
18/05/17-05:54:05	0.01	3.03	0.01	14.5	13.01
18/05/17-06:09:05	0.01	3.03	0.01	14.49	13.03
18/05/17-06:24:05	0.01	3.03	0.01	14.47	13.03
18/05/17-06:39:04	0.01	3.02	0.01	14.46	13.05
18/05/17-06:54:04	0.01	3.01	0.01	14.46	13.05
18/05/17-07:09:04	0.01	3.03	0.01	14.46	13.05
18/05/17-07:24:04	0.01	3.01	0.01	14.44	13.05
18/05/17-07:39:04	0.01	3.03	0.01	14.44	13.06
18/05/17-07:54:04	0.01	3	0.01	14.45	13.07
18/05/17-08:09:04	0.01	0.01	0.04	49.63	13.09
18/05/17-08:24:04	0.01	0.01	0.04	51.54	13.1
18/05/17-08:39:04	0.01	0.01	0.04	52.19	13.09
18/05/17-08:54:04	0.01	0.01	0.04	50.25	13.09
18/05/17-09:09:04	0.01	0.01	0.04	50.1	13.09
18/05/17-09:24:04	0.01	0.01	0.04	50.19	13.09
18/05/17-09:39:03	0.01	0.01	0.04	50.8	13.09
18/05/17-09:54:03	0.01	0.01	0.04	50.86	13.09
18/05/17-10:09:03	0.01	0.01	0.04	50.93	13.1
18/05/17-10:24:03	0.01	0.01	0.04	50.96	13.11
18/05/17-10:39:03	0.01	0.01	0.04	50.97	13.11
18/05/17-10:54:03	0.01	0.01	0.04	51.04	13.12
18/05/17-11:09:03	0.01	0.01	0.04	51.08	13.13
18/05/17-11:24:03	0.01	0.01	0.04	51.1	13.13
18/05/17-11:39:03	0.01	0.01	0.04	51.19	13.14
18/05/17-11:54:03	0.01	0.01	0.04	51.21	13.14
18/05/17-12:09:03	0.01	0.01	0.04	51.29	13.15
18/05/17-12:24:02	0.01	0.01	0.04	51.26	13.15
18/05/17-12:39:02	0.01	0.01	0.04	51.32	13.15
18/05/17-12:54:02	0.01	0.01	0.04	51.41	13.16
18/05/17-13:09:02	0.01	0.01	0.04	51.42	13.16
18/05/17-13:24:02	0.01	0.01	0.04	51.48	13.17
18/05/17-13:39:02	0.01	0.01	0.04	51.48	13.17
18/05/17-13:54:02	0.01	0.01	0.04	51.55	13.17
18/05/17-14:09:02	0.01	0.01	0.04	51.58	13.17
18/05/17-14:24:02	0.01	0.01	0.04	51.66	13.18
18/05/17-14:39:02	0.01	0.01	0.04	51.74	13.18
18/05/17-14:54:02	0.01	0.01	0.04	51.9	13.18
18/05/17-15:09:02	0.01	0.01	0.04	51.93	13.19
18/05/17-15:24:01	0.01	0.01	0.04	52.22	13.19
18/05/17-15:39:01	0.01	0.01	0.04	51.98	13.19
18/05/17-15:54:01	0.01	0.01	0.04	52.17	13.19
18/05/17-16:09:01	0.01	0.01	0.04	52.33	13.2
18/05/17-16:24:01	0.01	0.01	0.04	52.3	13.21

18/05/17-16:39:01	0.01	0.01	0.04	52.38	13.21
18/05/17-16:54:01	0.01	0.01	0.04	52.38	13.21
18/05/17-17:09:01	0.01	0.01	0.04	52.38	13.21
18/05/17-17:24:01	0.01	0.01	0.04	52.39	13.21
18/05/17-17:39:01	0.01	0.01	0.04	52.42	13.22
18/05/17-17:54:01	0.01	0.01	0.04	52.44	13.22
18/05/17-18:09:01	0.01	0.01	0.04	53.04	13.23
18/05/17-18:24:00	0.01	0.01	0.04	53.17	13.23
18/05/17-18:39:00	0.01	0.01	0.04	53.5	13.23
18/05/17-18:54:00	0.01	0.01	0.04	52.9	13.23
18/05/17-19:09:00	0.01	0.01	0.04	52.98	13.23
18/05/17-19:24:00	0.01	0.01	0.04	52.97	13.23
18/05/17-19:39:00	0.01	0.01	0.04	53.01	13.24
18/05/17-19:54:00	0.01	0.01	0.04	53.04	13.24
18/05/17-20:09:00	0.01	0.01	0.04	53.08	13.24
18/05/17-20:24:00	0.01	0.01	0.04	53.04	13.24
18/05/17-20:39:00	0.01	0.01	0.04	53.14	13.25
18/05/17-20:54:00	0.01	0.01	0.04	53.16	13.25
18/05/17-21:08:59	0.01	0.01	0.04	53.16	13.25
18/05/17-21:23:59	0.01	0.01	0.04	53.2	13.25
18/05/17-21:38:59	0.01	0.01	0.04	53.18	13.25
18/05/17-21:53:59	0.01	0.01	0.04	53.21	13.25
18/05/17-22:08:59	0.01	0.01	0.04	53.26	13.25
18/05/17-22:23:59	0.01	0.01	0.04	53.29	13.27
18/05/17-22:38:59	0.01	0.01	0.04	53.29	13.27
18/05/17-22:53:59	0.01	0.01	0.04	53.32	13.26
18/05/17-23:08:59	0.01	0.01	0.04	53.29	13.27
18/05/17-23:23:59	0.01	0.01	0.04	53.41	13.28
18/05/17-23:38:59	0.01	0.01	0.04	53.34	13.28
18/05/17-23:53:58	0.01	0.01	0.04	53.37	13.27
18/05/18-00:08:58	0.01	0.01	0.04	53.39	13.27
18/05/18-00:23:58	0.01	0.01	0.04	53.69	13.28
18/05/18-00:38:58	0.01	0.01	0.04	53.78	13.27
18/05/18-00:53:58	0.01	0.01	0.04	53.78	13.27
18/05/18-01:08:58	0.01	0.01	0.04	53.79	13.28
18/05/18-01:23:58	0.01	0.01	0.04	53.77	13.27
18/05/18-01:38:58	0.01	0.01	0.04	53.82	13.27
18/05/18-01:53:58	0.01	0.01	0.04	53.79	13.27
18/05/18-02:08:58	0.01	0.01	0.04	56	13.27
18/05/18-02:23:58	0.01	0.01	0.04	58.08	13.27
18/05/18-02:38:58	0.01	0.01	0.04	57.8	13.27
18/05/18-02:53:57	0.01	0.01	0.04	58.59	13.27
18/05/18-03:08:57	0.01	0.01	0.04	58.92	13.27
18/05/18-03:23:57	0.01	0.01	0.04	60.23	13.26
18/05/18-03:38:57	0.01	0.01	0.04	60.16	13.27
18/05/18-03:53:57	0.01	0.01	0.04	60.37	13.27
18/05/18-04:08:57	0.01	0.01	0.04	60.28	13.26
18/05/18-04:23:57	0.01	0.01	0.04	60.27	13.26
18/05/18-04:38:57	0.01	0.01	0.04	60.26	13.26
18/05/18-04:53:57	0.01	0.01	0.04	60.22	13.26

18/05/18-05:08:57	0.01	0.01	0.04	60.24	13.26
18/05/18-05:23:57	0.01	0.01	0.04	60.23	13.26
18/05/18-05:38:56	0.01	0.01	0.04	60.23	13.26
18/05/18-05:53:56	0.01	0.01	0.04	60.21	13.25
18/05/18-06:08:56	0.01	0.01	0.04	60.22	13.25
18/05/18-06:23:56	0.01	0.01	0.04	60.23	13.25
18/05/18-06:38:56	0.01	0.01	0.04	60.2	13.25
18/05/18-06:53:56	0.01	0.01	0.04	60.19	13.25

Uranine
SrhodaminB
AminoGacid
Turbidity
GGUN-FL30
#373
bual - total.mv
Turb. sensitivity
1.00
100.00
10.00
1.00
0.10
0.01
ppb, ntu, °C, uS/cm
0
20
40
60
80
100
120
140
160
180
200
220
240
260
280
300
326
Hours
Setup
New acquisition
Process mV
Read FlashCard
Calibration
Exit
Print
Lin
Log

ANNEXE 3c

Valeurs brutes – Fluorimètre de Landenouze

Time	Uranine	Sulfo B	Tinopal	Turbidité	Température T°C	Conductivité (µS/cm)
04/05/2018 17:01	0.01	0.01	0.01	54.14	17.43	1.50E+03
04/05/2018 17:16	0.01	0.01	0.01	54.23	17.42	6.79E-01
04/05/2018 17:31	0.01	0.01	0.01	54.06	17.4	1.48E+03
04/05/2018 17:46	0.01	0.01	0.01	54.02	17.36	1.48E+03
04/05/2018 18:01	0.01	0.01	0.01	54.03	17.29	1.48E+03
04/05/2018 18:16	0.01	0.01	0.01	54.05	17.22	6.81E-01
04/05/2018 18:31	0.01	0.01	0.01	54.1	17.15	1.48E+03
04/05/2018 18:46	0.01	0.01	0.01	54.09	17.1	1.48E+03
04/05/2018 19:01	0.01	0.01	0.01	54.07	17.04	1.49E+03
04/05/2018 19:16	0.01	0.01	0.01	54.01	16.98	1.49E+03
04/05/2018 19:31	0.01	0.01	0.01	54	16.88	1.50E+03
04/05/2018 19:46	0.01	0.01	0.01	53.92	16.75	1.50E+03
04/05/2018 20:01	0.03	0.01	0.52	1.91	16.03	1.53E+03
04/05/2018 20:16	0.06	0.01	0.48	1.87	15.41	7.57E+02
04/05/2018 20:31	0.01	0.01	0.49	1.86	15.24	7.64E+02
04/05/2018 20:46	0.04	0.01	0.52	1.86	15.18	7.62E+02
04/05/2018 21:01	0.02	0.01	0.5	1.86	15.14	7.65E+02
04/05/2018 21:16	0.01	0.01	0.53	1.86	15.11	7.66E+02
04/05/2018 21:31	0.03	0.01	0.52	1.86	15.09	7.73E+02
04/05/2018 21:46	0.04	0.01	0.52	1.87	15.06	7.68E+02
04/05/2018 22:01	0.01	0.01	0.54	1.86	15.02	7.64E+02
04/05/2018 22:16	0.02	0.01	0.52	1.87	14.99	7.68E+02
04/05/2018 22:31	0.03	0.01	0.52	1.86	14.95	7.63E+02
04/05/2018 22:46	0.05	0.01	0.52	1.86	14.92	7.57E+02
04/05/2018 23:01	0.04	0.01	0.52	1.87	14.88	7.58E+02
04/05/2018 23:16	0.04	0.01	0.52	1.86	14.83	7.59E+02
04/05/2018 23:31	0.03	0.01	0.53	1.86	14.79	7.63E+02
04/05/2018 23:46	0.02	0.01	0.52	1.86	14.75	7.60E+02
05/05/2018 00:01	0.03	0.01	0.53	1.86	14.72	7.67E+02
05/05/2018 00:16	0.04	0.01	0.55	1.86	14.73	7.60E+02
05/05/2018 00:31	0.04	0.01	0.52	1.86	14.71	7.66E+02
05/05/2018 00:46	0.03	0.01	0.53	1.86	14.67	7.66E+02
05/05/2018 01:01	0.03	0.01	0.52	1.85	14.63	7.59E+02
05/05/2018 01:16	0.01	0.01	0.53	1.85	14.58	7.59E+02
05/05/2018 01:31	0.03	0.01	0.5	1.85	14.52	7.54E+02
05/05/2018 01:46	0.03	0.01	0.51	1.85	14.47	7.53E+02
05/05/2018 02:01	0.01	0.01	0.54	1.85	14.41	7.60E+02
05/05/2018 02:16	0.03	0.01	0.52	1.85	14.37	7.61E+02
05/05/2018 02:31	0.04	0.01	0.52	1.85	14.33	7.63E+02
05/05/2018 02:46	0.03	0.01	0.52	1.85	14.29	7.63E+02
05/05/2018 03:01	0.03	0.01	0.52	1.85	14.26	7.66E+02
05/05/2018 03:16	0.01	0.01	0.55	1.85	14.25	7.59E+02
05/05/2018 03:31	0.03	0.01	0.52	1.85	14.28	7.59E+02
05/05/2018 03:46	0.01	0.01	0.54	1.84	14.32	7.52E+02
05/05/2018 04:01	0.01	0.01	0.52	1.85	14.32	7.60E+02
05/05/2018 04:16	0.03	0.01	0.5	1.85	14.27	7.66E+02
05/05/2018 04:31	0.03	0.01	0.53	1.85	14.21	7.62E+02
05/05/2018 04:46	0.03	0.01	0.51	1.85	14.15	7.59E+02

05/05/2018 05:01	0.03	0.01	0.53	1.85	14.09	7.60E+02
05/05/2018 05:16	0.03	0.01	0.52	1.85	14.04	7.66E+02
05/05/2018 05:31	0.04	0.01	0.53	1.85	13.99	7.61E+02
05/05/2018 05:46	0.04	0.01	0.54	1.84	13.94	7.55E+02
05/05/2018 06:01	0.01	0.01	0.53	1.84	13.88	7.60E+02
05/05/2018 06:16	0.02	0.01	0.55	1.85	13.83	7.64E+02
05/05/2018 06:31	0.03	0.01	0.52	1.84	13.8	7.61E+02
05/05/2018 06:45	0.01	0.01	0.55	1.85	13.76	7.65E+02
05/05/2018 07:00	0.02	0.01	0.52	1.84	13.72	7.58E+02
05/05/2018 07:15	0.01	0.01	0.52	1.85	13.69	7.52E+02
05/05/2018 07:30	0.02	0.01	0.52	1.85	13.79	7.60E+02
05/05/2018 08:19	0.03	0.01	0.54	1.85	14.31	7.61E+02
05/05/2018 08:34	0.03	0.01	0.52	1.85	14.39	7.59E+02
05/05/2018 08:49	0.03	0.01	0.5	1.85	14.41	7.63E+02
05/05/2018 09:04	0.03	0.01	0.51	1.85	14.4	7.61E+02
05/05/2018 09:19	0.05	0.01	0.53	1.85	14.37	7.60E+02
05/05/2018 09:34	0.03	0.01	0.51	1.85	14.35	7.60E+02
05/05/2018 09:49	0.03	0.01	0.53	1.84	14.33	7.54E+02
05/05/2018 10:04	0.02	0.01	0.57	1.85	14.32	7.51E+02
05/05/2018 10:19	0.02	0.01	0.54	1.85	14.32	7.65E+02
05/05/2018 10:34	0.02	0.01	0.52	1.85	14.32	7.61E+02
05/05/2018 10:49	0.04	0.01	0.52	1.85	14.32	7.58E+02
05/05/2018 11:04	0.03	0.01	0.52	1.85	14.34	7.63E+02
05/05/2018 11:19	0.01	0.01	0.54	1.84	14.37	7.61E+02
05/05/2018 11:34	0.02	0.01	0.54	1.85	14.43	7.60E+02
05/05/2018 11:49	0.02	0.01	0.53	1.85	14.53	7.56E+02
05/05/2018 12:04	0.01	0.01	0.51	1.84	14.62	7.57E+02
05/05/2018 12:19	0.03	0.01	0.53	1.84	14.69	7.62E+02
05/05/2018 12:34	0.06	0.01	0.51	1.85	14.76	7.61E+02
05/05/2018 12:49	0.02	0.01	0.53	1.85	14.82	7.53E+02
05/05/2018 13:04	0.03	0.01	0.52	1.85	14.86	7.59E+02
05/05/2018 13:19	0.02	0.01	0.51	1.85	14.93	7.59E+02
05/05/2018 13:34	0.01	0.01	0.53	1.85	15.04	7.69E+02
05/05/2018 13:49	0.02	0.01	0.52	1.85	15.12	7.63E+02
05/05/2018 14:04	0.02	0.01	0.5	1.85	15.22	7.72E+02
05/05/2018 14:19	0.05	0.01	0.56	1.85	15.37	7.70E+02
05/05/2018 14:34	0.03	0.01	0.52	1.85	15.48	7.63E+02
05/05/2018 14:49	0.04	0.01	0.52	1.84	15.53	7.64E+02
05/05/2018 15:04	0.02	0.01	0.52	1.85	15.53	7.61E+02
05/05/2018 15:19	0.02	0.01	0.51	1.84	15.51	7.63E+02
05/05/2018 15:34	0.04	0.01	0.52	1.84	15.52	7.61E+02
05/05/2018 15:49	0.03	0.01	0.52	1.84	15.49	7.61E+02
05/05/2018 16:04	0.05	0.01	0.51	1.84	15.45	7.60E+02
05/05/2018 16:19	0.02	0.01	0.5	1.84	15.44	7.70E+02
05/05/2018 16:34	0.02	0.01	0.49	1.83	15.52	7.68E+02
05/05/2018 16:49	0.01	0.01	0.49	1.83	15.66	7.71E+02
05/05/2018 17:04	0.01	0.01	0.47	1.82	15.84	7.72E+02
05/05/2018 17:19	0.01	0.01	0.47	1.81	15.98	7.78E+02
05/05/2018 17:34	0.02	0.01	0.46	1.8	16.13	7.77E+02
05/05/2018 17:49	0.01	0.01	0.41	1.79	16.22	7.83E+02

05/05/2018 18:04	0.01	0.01	0.41	1.78	16.3	7.85E+02
05/05/2018 18:19	0.01	0.01	0.38	1.77	16.38	7.85E+02
05/05/2018 18:34	0.01	0.01	0.36	1.75	16.43	7.82E+02
05/05/2018 18:49	0.01	0.01	0.34	1.74	16.35	7.77E+02
05/05/2018 19:04	0.01	0.01	0.25	1.73	15.99	7.66E+02
05/05/2018 19:19	0.01	0.01	0.21	1.7	15.6	7.65E+02
05/05/2018 19:34	0.01	0.01	0.18	1.67	15.35	7.66E+02
05/05/2018 19:49	0.01	0.01	0.11	1.64	15.18	7.64E+02
05/05/2018 20:04	0.01	0.01	0.03	1.61	15.07	7.73E+02
05/05/2018 20:19	0.01	0.01	0.01	1.58	15.02	7.70E+02
05/05/2018 20:34	0.01	0.01	0.01	1.54	14.96	7.69E+02
05/05/2018 20:49	0.01	0.01	0.01	1.51	14.89	7.74E+02
05/05/2018 21:04	0.01	0.01	0.01	1.49	14.8	7.71E+02
05/05/2018 21:19	0.01	0.01	0.01	1.46	14.68	7.75E+02
05/05/2018 21:34	0.01	0.01	0.01	1.44	14.56	7.74E+02
05/05/2018 21:49	0.01	0.01	0.01	1.44	14.43	7.76E+02
05/05/2018 22:04	0.01	0.01	0.01	1.42	14.3	7.76E+02
05/05/2018 22:19	0.01	0.01	0.01	1.41	14.17	7.75E+02
05/05/2018 22:34	0.01	0.01	0.01	1.41	14.03	7.72E+02
05/05/2018 22:49	0.01	0.01	0.01	1.41	13.91	7.64E+02
05/05/2018 23:04	0.01	0.01	0.01	1.41	13.78	7.70E+02
05/05/2018 23:19	0.01	0.01	0.01	1.42	13.64	7.76E+02
05/05/2018 23:34	0.01	0.01	0.01	1.43	13.59	7.79E+02
05/05/2018 23:49	0.01	0.01	0.01	1.44	13.57	7.80E+02
06/05/2018 00:04	0.01	0.01	0.01	1.45	13.55	7.77E+02
06/05/2018 00:19	0.01	0.01	0.01	1.45	13.52	7.72E+02
06/05/2018 00:34	0.01	0.01	0.01	1.47	13.5	7.71E+02
06/05/2018 00:49	0.01	0.01	0.01	1.49	13.49	7.79E+02
06/05/2018 01:04	0.01	0.01	0.01	1.5	13.5	7.80E+02
06/05/2018 01:19	0.01	0.01	0.01	1.51	13.51	7.80E+02
06/05/2018 01:34	0.01	0.01	0.01	1.52	13.51	7.77E+02
06/05/2018 01:34	0.01	0.01	0.01	0.01	15.63	0.00E+00
06/05/2018 01:34	0.01	0.01	0.01	0.01	0	0.00E+00
11/05/2018 09:21	0.01	0.01	0.01	0.34	12.21	7.64E+02
11/05/2018 09:36	0.01	0.01	0.01	0.22	11.49	7.98E+02
11/05/2018 09:51	0.01	0.01	0.01	0.01	11.62	8.14E+02
11/05/2018 10:06	0.01	0.01	0.01	0.01	11.79	8.23E+02
11/05/2018 10:21	0.01	0.01	0.01	0.01	11.88	8.12E+02
11/05/2018 10:36	0.01	0.01	0.01	0.01	12	8.04E+02
11/05/2018 10:51	0.01	0.01	0.01	0.01	12.12	8.18E+02
11/05/2018 11:06	0.01	0.01	0.01	0.01	12.26	8.20E+02
11/05/2018 11:21	0.01	0.01	0.01	0.01	12.41	8.12E+02
11/05/2018 11:36	0.01	0.01	0.01	0.01	12.58	8.19E+02
11/05/2018 11:51	0.01	0.01	0.01	0.01	13.03	8.24E+02
11/05/2018 12:06	0.01	0.01	0.01	0.01	13.46	8.26E+02
11/05/2018 12:21	0.01	0.01	0.01	0.01	14.03	8.30E+02
11/05/2018 12:36	0.01	0.01	0.01	0.01	14.48	8.43E+02
11/05/2018 12:51	0.01	0.01	0.01	0.01	14.93	8.50E+02
11/05/2018 13:06	0.01	0.01	0.01	0.01	15.08	8.25E+02
11/05/2018 13:21	0.01	0.01	0.01	0.01	14.71	8.16E+02

11/05/2018 13:36	0.01	0.01	0.01	0.01	14.21	8.15E+02
11/05/2018 13:51	0.01	0.01	0.01	0.01	13.93	8.05E+02
11/05/2018 14:06	0.01	0.01	0.01	0.01	13.78	8.10E+02
11/05/2018 14:21	0.01	0.01	0.01	0.01	13.75	8.09E+02
11/05/2018 14:36	0.01	0.01	0.01	0.01	13.77	8.06E+02
11/05/2018 14:51	0.01	0.01	0.01	0.01	13.74	8.01E+02
11/05/2018 15:06	0.01	0.01	0.01	0.01	13.8	8.05E+02
11/05/2018 15:21	0.01	0.01	0.01	0.01	13.86	8.03E+02
11/05/2018 15:36	0.01	0.01	0.01	0.02	13.91	8.05E+02
11/05/2018 15:51	0.01	0.01	0.01	0.01	13.91	8.01E+02
11/05/2018 16:06	0.01	0.01	0.01	0.07	13.95	8.08E+02
11/05/2018 16:21	0.01	0.01	0.01	0.09	13.98	8.08E+02
11/05/2018 16:36	0.01	0.01	0.01	0.12	14.01	8.05E+02
11/05/2018 16:51	0.01	0.01	0.01	0.12	13.99	8.02E+02
11/05/2018 17:06	0.01	0.01	0.01	0.15	14	8.03E+02
11/05/2018 17:21	0.01	0.01	0.01	0.18	13.96	8.09E+02
11/05/2018 17:36	0.01	0.01	0.01	0.06	13.72	8.11E+02
11/05/2018 17:51	0.01	0.01	0.01	0.01	13.56	8.09E+02
11/05/2018 18:06	0.01	0.01	0.01	0.01	13.61	8.05E+02
11/05/2018 18:21	0.01	0.01	0.01	0.01	13.73	8.19E+02
11/05/2018 18:36	0.01	0.01	0.01	0.01	13.86	8.13E+02
11/05/2018 18:51	0.01	0.01	0.01	0.01	13.96	8.13E+02
11/05/2018 19:06	0.01	0.01	0.01	0.01	14.05	8.15E+02
11/05/2018 19:21	0.01	0.01	0.01	0.01	14.08	8.17E+02
11/05/2018 19:36	0.01	0.01	0.01	0.01	14.13	8.16E+02
11/05/2018 19:51	0.01	0.01	0.01	0.01	14.15	8.15E+02
11/05/2018 20:06	0.01	0.01	0.01	0.01	14.15	8.18E+02
11/05/2018 20:21	0.01	0.01	0.01	0.01	14.14	8.16E+02
11/05/2018 20:36	0.01	0.01	0.01	0.01	14.13	8.15E+02
11/05/2018 20:51	0.01	0.01	0.01	0.01	14.09	8.14E+02
11/05/2018 21:06	0.01	0.01	0.01	0.01	13.58	8.11E+02
11/05/2018 21:21	0.01	0.01	0.01	0.01	13.14	8.02E+02
11/05/2018 21:36	0.01	0.01	0.01	0.02	12.9	7.94E+02
11/05/2018 21:51	0.01	0.01	0.01	0.04	12.76	8.00E+02
11/05/2018 22:06	0.01	0.01	0.01	0.05	12.68	8.04E+02
11/05/2018 22:21	0.01	0.01	0.01	0.08	12.61	7.94E+02
11/05/2018 22:36	0.01	0.01	0.01	0.1	12.54	8.02E+02
11/05/2018 22:51	0.01	0.01	0.01	0.13	12.47	7.94E+02
11/05/2018 23:06	0.01	0.01	0.01	0.17	12.41	8.00E+02
11/05/2018 23:21	0.01	0.01	0.01	0.19	12.35	7.97E+02
11/05/2018 23:36	0.01	0.01	0.01	0.22	12.28	8.03E+02
11/05/2018 23:51	0.01	0.01	0.01	0.26	12.2	7.99E+02
12/05/2018 00:06	0.01	0.01	0.01	0.27	12.22	8.05E+02
12/05/2018 00:21	0.01	0.01	0.01	0.31	12.29	8.04E+02
12/05/2018 00:36	0.01	0.01	0.01	0.33	12.29	8.00E+02
12/05/2018 00:51	0.01	0.01	0.01	0.35	12.26	8.08E+02
12/05/2018 01:06	0.01	0.01	0.01	0.39	12.25	8.01E+02
12/05/2018 01:21	0.01	0.01	0.01	0.41	12.24	7.99E+02
12/05/2018 01:36	0.01	0.01	0.01	0.43	12.23	8.03E+02
12/05/2018 01:51	0.01	0.01	0.01	0.46	12.23	7.97E+02

12/05/2018 02:06	0.01	0.01	0.01	0.48	12.23	8.02E+02
12/05/2018 02:21	0.01	0.01	0.01	0.5	12.24	8.01E+02
12/05/2018 02:36	0.01	0.01	0.01	0.52	12.25	7.97E+02
12/05/2018 02:51	0.01	0.01	0.01	0.54	12.27	8.01E+02
12/05/2018 03:06	0.01	0.01	0.01	0.56	12.27	7.98E+02
12/05/2018 03:21	0.01	0.01	0.01	0.57	12.26	7.95E+02
12/05/2018 03:36	0.01	0.01	0.01	0.59	12.26	7.98E+02
12/05/2018 03:51	0.01	0.01	0.01	0.61	12.26	7.98E+02
12/05/2018 04:06	0.01	0.01	0.01	0.62	12.26	7.98E+02
12/05/2018 04:21	0.01	0.01	0.01	0.64	12.19	7.97E+02
12/05/2018 04:36	0.01	0.01	0.01	0.66	12.1	7.93E+02
12/05/2018 04:51	0.01	0.01	0.01	0.68	12.01	8.01E+02
12/05/2018 05:06	0.01	0.01	0.01	0.68	11.9	7.98E+02
12/05/2018 05:21	0.01	0.01	0.01	0.7	11.79	7.96E+02
12/05/2018 05:36	0.01	0.01	0.01	0.72	11.69	7.94E+02
12/05/2018 05:51	0.01	0.01	0.01	0.74	11.62	7.96E+02
12/05/2018 06:06	0.01	0.01	0.01	0.76	11.55	7.99E+02
12/05/2018 06:21	0.01	0.01	0.01	0.77	11.48	7.96E+02
12/05/2018 06:36	0.01	0.01	0.01	0.79	11.41	7.96E+02
12/05/2018 06:51	0.01	0.01	0.01	0.8	11.38	7.98E+02
12/05/2018 07:06	0.01	0.01	0.01	0.8	11.61	7.95E+02
12/05/2018 07:21	0.01	0.01	0.01	0.8	11.82	7.95E+02
12/05/2018 07:36	0.01	0.01	0.01	0.81	12.01	7.96E+02
12/05/2018 07:51	0.01	0.01	0.01	0.82	12.2	7.95E+02
12/05/2018 08:06	0.01	0.01	0.01	0.84	12.35	7.97E+02
12/05/2018 08:21	0.01	0.01	0.01	0.84	12.44	7.94E+02
12/05/2018 08:36	0.01	0.01	0.01	0.85	12.45	7.94E+02
12/05/2018 08:51	0.01	0.01	0.01	0.87	12.46	8.02E+02
12/05/2018 09:06	0.01	0.01	0.01	0.89	12.46	7.99E+02
12/05/2018 09:21	0.01	0.01	0.01	0.89	12.47	7.99E+02
12/05/2018 09:36	0.01	0.01	0.01	0.91	12.49	8.00E+02
12/05/2018 09:51	0.01	0.01	0.01	0.93	12.53	8.01E+02
12/05/2018 10:06	0.01	0.01	0.01	0.96	12.6	8.06E+02
12/05/2018 10:21	0.01	0.01	0.01	0.98	12.68	8.02E+02
12/05/2018 10:36	0.01	0.01	0.01	1.01	12.82	7.98E+02
12/05/2018 10:51	0.01	0.01	0.01	1.05	13.08	8.02E+02
12/05/2018 11:06	0.01	0.01	0.01	1.12	13.33	7.99E+02
12/05/2018 11:21	0.01	0.01	0.01	1.18	13.57	7.96E+02
12/05/2018 11:36	0.01	0.01	0.01	1.23	13.77	7.90E+02
12/05/2018 11:51	0.01	0.01	0.01	1.26	13.89	7.83E+02
12/05/2018 12:06	0.01	0.01	0.01	1.3	14.06	7.86E+02
12/05/2018 12:21	0.01	0.01	0.01	1.33	14.23	7.84E+02
12/05/2018 12:36	0.01	0.01	0.01	1.35	14.35	7.90E+02
12/05/2018 12:51	0.01	0.01	0.01	1.35	14.38	7.95E+02
12/05/2018 13:06	0.01	0.01	0.01	1.34	14.38	7.95E+02
12/05/2018 13:21	0.01	0.01	0.01	1.31	14.3	7.82E+02
12/05/2018 13:36	0.01	0.01	0.01	1.26	14.13	7.87E+02
12/05/2018 13:51	0.01	0.01	0.01	1.23	13.98	7.94E+02
12/05/2018 14:06	0.01	0.01	0.01	1.2	13.87	7.92E+02
12/05/2018 14:21	0.01	0.01	0.01	1.17	13.8	7.95E+02

12/05/2018 14:36	0.01	0.01	0.01	1.16	13.74	7.97E+02
12/05/2018 14:51	0.01	0.01	0.01	1.13	13.69	7.94E+02
12/05/2018 15:06	0.01	0.01	0.01	1.11	13.64	7.94E+02
12/05/2018 15:21	0.01	0.01	0.01	1.09	13.58	7.93E+02
12/05/2018 15:36	0.01	0.01	0.01	1.07	13.52	7.95E+02
12/05/2018 15:51	0.01	0.01	0.01	1.05	13.45	7.94E+02
12/05/2018 16:06	0.01	0.01	0.01	1.03	13.41	7.98E+02
12/05/2018 16:21	0.01	0.01	0.01	1.02	13.42	7.98E+02
12/05/2018 16:36	0.01	0.01	0.01	1.02	13.43	7.96E+02
12/05/2018 16:51	0.01	0.01	0.01	1.01	13.42	7.95E+02
12/05/2018 17:06	0.01	0.01	0.01	1.01	13.41	7.99E+02
12/05/2018 17:21	0.01	0.01	0.01	1.01	13.4	7.97E+02
12/05/2018 17:36	0.01	0.01	0.01	1.01	13.36	7.96E+02
12/05/2018 17:51	0.01	0.01	0.01	1.02	13.32	7.94E+02
12/05/2018 18:06	0.01	0.01	0.01	1.01	13.16	7.93E+02
12/05/2018 18:21	0.01	0.01	0.01	1.02	13.02	7.92E+02
12/05/2018 18:36	0.01	0.01	0.01	1.02	12.93	7.95E+02
12/05/2018 18:51	0.01	0.01	0.01	1.02	12.84	8.02E+02
12/05/2018 19:06	0.01	0.01	0.01	1.02	12.73	8.00E+02
12/05/2018 19:21	0.01	0.01	0.01	1.02	12.64	7.92E+02
12/05/2018 19:36	0.01	0.01	0.01	1.04	12.55	7.96E+02
12/05/2018 19:51	0.01	0.01	0.01	1.04	12.47	7.91E+02
12/05/2018 20:06	0.01	0.01	0.01	1.06	12.38	7.92E+02
12/05/2018 20:21	0.01	0.01	0.01	1.06	12.28	7.92E+02
12/05/2018 20:36	0.01	0.01	0.01	1.07	12.2	7.94E+02
12/05/2018 20:51	0.01	0.01	0.01	1.07	12.13	7.92E+02
12/05/2018 21:06	0.01	0.01	0.01	1.07	12.06	7.88E+02
12/05/2018 21:21	0.01	0.01	0.01	1.08	11.99	7.89E+02
12/05/2018 21:36	0.01	0.01	0.01	1.08	11.95	7.87E+02
12/05/2018 21:51	0.01	0.01	0.01	1.08	11.89	7.83E+02
12/05/2018 22:06	0.01	0.01	0.01	1.15	11.85	7.84E+02
12/05/2018 22:21	0.01	0.01	0.01	1.15	11.79	7.84E+02
12/05/2018 22:36	0.01	0.01	0.01	1.15	11.71	7.84E+02
12/05/2018 22:51	0.01	0.01	0.01	1.14	11.65	7.90E+02
12/05/2018 23:06	0.01	0.01	0.01	1.13	11.83	7.93E+02
12/05/2018 23:21	0.01	0.01	0.01	1.13	12	7.91E+02
12/05/2018 23:36	0.01	0.01	0.01	1.12	12.13	7.93E+02
12/05/2018 23:51	0.01	0.01	0.01	1.12	12.23	7.93E+02
13/05/2018 00:06	0.01	0.01	0.01	1.12	12.31	7.88E+02
13/05/2018 00:21	0.01	0.01	0.01	1.12	12.37	7.91E+02
13/05/2018 00:36	0.01	0.01	0.01	1.13	12.41	7.95E+02
13/05/2018 00:51	0.01	0.01	0.01	1.13	12.45	7.92E+02
13/05/2018 01:06	0.01	0.01	0.01	1.13	12.46	7.95E+02
13/05/2018 01:21	0.01	0.01	0.01	1.13	12.46	7.96E+02
13/05/2018 01:36	0.01	0.01	0.01	1.14	12.47	7.91E+02
13/05/2018 01:51	0.01	0.01	0.01	1.14	12.47	7.88E+02
13/05/2018 02:06	0.01	0.01	0.01	1.14	12.41	7.86E+02
13/05/2018 02:21	0.01	0.01	0.01	1.15	12.31	7.87E+02
13/05/2018 02:36	0.01	0.01	0.01	1.15	12.19	7.87E+02
13/05/2018 02:51	0.01	0.01	0.01	1.16	12.09	7.89E+02

13/05/2018 03:06	0.01	0.01	0.01	1.17	12	7.90E+02
13/05/2018 03:21	0.01	0.01	0.01	1.17	11.9	7.87E+02
13/05/2018 03:36	0.01	0.01	0.01	1.17	11.81	7.85E+02
13/05/2018 03:51	0.01	0.01	0.01	1.18	11.72	7.88E+02
13/05/2018 04:06	0.01	0.01	0.01	1.19	11.64	7.87E+02
13/05/2018 04:21	0.01	0.01	0.01	1.2	11.56	7.89E+02
13/05/2018 04:35	0.01	0.01	0.01	1.2	11.5	7.93E+02
13/05/2018 04:50	0.01	0.01	0.01	1.2	11.65	7.89E+02
13/05/2018 05:05	0.01	0.01	0.01	1.19	11.82	7.92E+02
13/05/2018 05:20	0.01	0.01	0.01	1.19	11.94	7.91E+02
13/05/2018 05:35	0.01	0.01	0.01	1.19	12.02	7.91E+02
13/05/2018 05:50	0.01	0.01	0.01	1.19	12.08	7.90E+02
13/05/2018 06:05	0.01	0.01	0.01	1.2	12.13	7.91E+02
13/05/2018 06:20	0.01	0.01	0.01	1.2	12.16	7.89E+02
13/05/2018 06:35	0.01	0.01	0.01	1.2	12.2	7.93E+02
13/05/2018 06:50	0.01	0.01	0.01	1.2	12.24	7.88E+02
13/05/2018 07:05	0.01	0.01	0.01	1.2	12.28	7.96E+02
13/05/2018 07:20	0.01	0.01	0.01	1.21	12.27	7.88E+02
13/05/2018 07:35	0.01	0.01	0.01	1.21	12.21	7.89E+02
14/05/2018 16:02	0.01	0.01	0.01	0.01	11.84	7.79E+02
14/05/2018 16:17	0.01	0.01	0.01	0.11	11.29	7.93E+02
14/05/2018 16:32	0.01	0.01	0.01	0.01	11.09	7.86E+02
14/05/2018 16:47	0.01	0.01	0.01	0.01	10.73	8.09E+02
14/05/2018 17:02	0.01	0.01	0.01	0.01	10.58	8.09E+02
14/05/2018 17:17	0.01	0.01	0.01	0.01	10.57	8.17E+02
14/05/2018 17:32	0.01	0.01	0.01	0.01	10.61	8.18E+02
14/05/2018 17:47	0.01	0.01	0.01	0.01	10.68	8.22E+02
14/05/2018 18:02	0.01	0.01	0.01	0.01	10.76	8.16E+02
14/05/2018 18:17	0.01	0.01	0.01	0.01	10.85	8.14E+02
14/05/2018 18:32	0.01	0.01	0.01	0.01	10.92	8.15E+02
14/05/2018 18:47	0.01	0.01	0.01	0.01	10.95	8.12E+02
14/05/2018 19:02	0.01	0.01	0.01	0.01	10.93	8.10E+02
14/05/2018 19:17	0.01	0.01	0.01	0.01	10.91	8.11E+02
14/05/2018 19:32	0.01	0.01	0.01	0.01	10.89	8.10E+02
14/05/2018 19:47	0.01	0.01	0.01	0.01	10.87	8.07E+02
14/05/2018 20:02	0.01	0.01	0.01	0.01	10.86	8.08E+02
14/05/2018 20:17	0.01	0.01	0.01	0.01	10.84	8.05E+02
14/05/2018 20:32	0.01	0.01	0.01	0.01	10.83	8.06E+02
14/05/2018 20:47	0.01	0.01	0.01	0.03	10.82	8.03E+02
14/05/2018 21:02	0.01	0.01	0.01	0.08	10.8	8.01E+02
14/05/2018 21:17	0.01	0.01	0.01	0.14	10.8	8.01E+02
14/05/2018 21:32	0.01	0.01	0.01	0.19	10.78	8.05E+02
14/05/2018 21:47	0.01	0.01	0.01	0.23	10.77	8.03E+02
14/05/2018 22:02	0.01	0.01	0.01	0.28	10.75	8.04E+02
14/05/2018 22:17	0.01	0.01	0.01	0.32	10.74	8.06E+02
14/05/2018 22:32	0.01	0.01	0.01	0.36	10.73	8.02E+02
14/05/2018 22:47	0.01	0.01	0.01	0.4	10.72	8.06E+02
14/05/2018 23:02	0.01	0.01	0.01	0.42	10.83	7.98E+02
14/05/2018 23:17	0.01	0.01	0.01	0.43	11.06	8.05E+02
14/05/2018 23:32	0.01	0.01	0.01	0.26	11.11	8.01E+02

14/05/2018 23:47	0.01	0.01	0.01	0.4	11.35	8.06E+02
15/05/2018 00:02	0.01	0.01	0.01	0.44	11.48	7.99E+02
15/05/2018 00:17	0.01	0.01	0.01	0.47	11.58	7.99E+02
15/05/2018 00:32	0.01	0.01	0.01	0.5	11.65	7.98E+02
15/05/2018 00:47	0.01	0.01	0.01	0.52	11.72	7.97E+02
15/05/2018 01:02	0.01	0.01	0.01	0.55	11.73	7.96E+02
15/05/2018 01:17	0.01	0.01	0.01	0.58	11.7	7.97E+02
15/05/2018 01:32	0.01	0.01	0.01	0.61	11.66	7.96E+02
15/05/2018 01:47	0.01	0.01	0.01	0.64	11.61	8.00E+02
15/05/2018 02:02	0.01	0.01	0.01	0.67	11.57	7.94E+02
15/05/2018 02:17	0.01	0.01	0.01	0.69	11.53	7.96E+02
15/05/2018 02:32	0.01	0.01	0.01	0.71	11.49	7.92E+02
15/05/2018 02:47	0.01	0.01	0.01	0.74	11.45	7.97E+02
15/05/2018 03:02	0.01	0.01	0.01	0.75	11.43	8.01E+02
15/05/2018 03:17	0.01	0.01	0.01	0.76	11.53	7.96E+02
15/05/2018 03:32	0.01	0.01	0.01	0.77	11.66	7.98E+02
15/05/2018 03:47	0.01	0.01	0.01	0.78	11.77	7.98E+02
15/05/2018 04:02	0.01	0.01	0.01	0.79	11.85	7.97E+02
15/05/2018 04:17	0.01	0.01	0.01	0.81	11.92	7.97E+02
15/05/2018 04:32	0.01	0.01	0.01	0.81	11.97	7.98E+02
15/05/2018 04:47	0.01	0.01	0.01	0.82	12.01	7.96E+02
15/05/2018 05:02	0.01	0.01	0.01	0.83	12.02	7.96E+02
15/05/2018 05:17	0.01	0.01	0.01	0.85	11.98	7.93E+02
15/05/2018 05:32	0.01	0.01	0.01	0.87	11.93	7.94E+02
15/05/2018 05:47	0.01	0.01	0.01	0.87	11.87	7.92E+02
15/05/2018 06:02	0.01	0.01	0.01	0.88	11.81	7.91E+02
15/05/2018 06:17	0.01	0.01	0.01	0.9	11.76	7.93E+02
15/05/2018 06:32	0.01	0.01	0.01	0.91	11.71	7.94E+02
15/05/2018 06:47	0.01	0.01	0.01	0.92	11.67	7.89E+02
15/05/2018 07:02	0.01	0.01	0.01	0.94	11.63	7.92E+02
15/05/2018 07:17	0.01	0.01	0.01	0.95	11.58	7.93E+02
15/05/2018 07:32	0.01	0.01	0.01	0.95	11.57	7.91E+02
15/05/2018 07:47	0.01	0.01	0.01	0.95	11.69	7.93E+02
15/05/2018 08:02	0.01	0.01	0.01	0.95	11.82	7.93E+02
15/05/2018 08:17	0.01	0.01	0.01	0.96	11.92	7.94E+02
15/05/2018 08:32	0.01	0.01	0.01	0.96	12	7.93E+02
15/05/2018 08:47	0.01	0.01	0.01	0.97	12	7.94E+02
15/05/2018 09:02	0.01	0.01	0.01	0.98	11.97	7.92E+02
15/05/2018 09:17	0.01	0.01	0.01	0.98	11.94	7.92E+02
15/05/2018 09:32	0.01	0.01	0.01	0.99	11.89	7.90E+02
15/05/2018 09:47	0.01	0.01	0.01	1	11.84	7.89E+02
15/05/2018 10:02	0.01	0.01	0.01	1.01	11.8	7.92E+02
15/05/2018 10:17	0.01	0.01	0.01	1.02	11.78	7.90E+02
15/05/2018 10:32	0.01	0.01	0.01	1.02	11.75	7.89E+02
15/05/2018 10:47	0.01	0.01	0.01	1.03	11.74	7.90E+02
15/05/2018 11:02	0.01	0.01	0.01	1.05	11.74	7.89E+02
15/05/2018 11:17	0.01	0.01	0.01	1.06	11.74	7.90E+02
15/05/2018 11:32	0.01	0.01	0.01	1.07	11.75	7.93E+02
15/05/2018 11:47	0.01	0.01	0.01	1.08	11.76	7.90E+02
15/05/2018 12:02	0.01	0.01	0.01	1.08	11.92	7.93E+02

15/05/2018 12:17	0.01	0.01	0.01	1.08	12.11	7.98E+02
15/05/2018 12:32	0.01	0.01	0.01	1.08	12.28	7.90E+02
15/05/2018 12:47	0.01	0.01	0.01	1.09	12.39	7.96E+02
15/05/2018 13:02	0.01	0.01	0.01	1.09	12.47	7.93E+02
15/05/2018 13:17	0.01	0.01	0.01	1.09	12.53	7.89E+02
15/05/2018 13:32	0.01	0.01	0.01	1.09	12.57	7.92E+02
15/05/2018 13:47	0.01	0.01	0.01	1.1	12.62	7.97E+02
15/05/2018 14:02	0.01	0.01	0.01	1.11	12.69	7.99E+02
15/05/2018 14:17	0.01	0.01	0.01	1.12	12.75	7.98E+02
15/05/2018 14:32	0.01	0.01	0.01	1.12	12.77	7.96E+02
15/05/2018 14:47	0.01	0.01	0.01	1.13	12.81	8.00E+02
15/05/2018 15:02	0.01	0.01	0.01	1.13	12.84	7.93E+02
15/05/2018 15:17	0.01	0.01	0.01	1.13	12.85	7.96E+02
15/05/2018 15:32	0.01	0.01	0.01	1.14	12.86	7.95E+02
15/05/2018 15:47	0.01	0.01	0.01	1.13	12.86	7.91E+02
15/05/2018 16:02	0.01	0.01	0.01	1.13	12.86	7.96E+02
15/05/2018 16:17	0.01	0.01	0.01	1.12	12.85	7.93E+02
15/05/2018 16:32	0.01	0.01	0.01	1.12	12.84	7.93E+02
15/05/2018 16:47	0.01	0.01	0.01	1.11	12.82	7.98E+02
15/05/2018 17:02	0.01	0.01	0.01	1.1	12.8	7.95E+02
15/05/2018 17:17	0.01	0.01	0.01	1.11	12.8	7.95E+02
15/05/2018 17:32	0.01	0.01	0.01	1.1	12.76	7.90E+02
15/05/2018 17:47	0.01	0.01	0.01	1.11	12.67	7.87E+02
15/05/2018 18:02	0.01	0.01	0.01	1.11	12.67	7.94E+02
15/05/2018 18:17	0.01	0.01	0.01	1.11	12.69	7.94E+02
15/05/2018 18:32	0.01	0.01	0.01	1.11	12.71	7.98E+02
15/05/2018 18:47	0.01	0.01	0.01	1.12	12.72	7.93E+02
15/05/2018 19:02	0.01	0.01	0.01	1.12	12.71	7.90E+02
15/05/2018 19:17	0.01	0.01	0.01	1.12	12.69	7.91E+02
15/05/2018 19:32	0.01	0.01	0.01	1.12	12.66	7.93E+02
15/05/2018 19:47	0.01	0.01	0.01	1.13	12.62	7.92E+02
15/05/2018 20:02	0.01	0.01	0.01	1.14	12.59	7.87E+02
15/05/2018 20:17	0.01	0.01	0.01	1.15	12.56	7.87E+02
15/05/2018 20:32	0.01	0.01	0.01	1.15	12.53	7.89E+02
15/05/2018 20:47	0.01	0.01	0.01	1.15	12.5	7.94E+02
15/05/2018 21:02	0.01	0.01	0.01	1.16	12.47	7.92E+02
15/05/2018 21:17	0.01	0.01	0.01	1.16	12.44	7.88E+02
15/05/2018 21:32	0.01	0.01	0.01	1.17	12.4	7.95E+02
15/05/2018 21:47	0.01	0.01	0.01	1.17	12.37	7.95E+02
15/05/2018 22:02	0.01	0.01	0.01	1.17	12.34	7.93E+02
15/05/2018 22:17	0.01	0.01	0.01	1.18	12.31	7.93E+02
15/05/2018 22:32	0.01	0.01	0.01	1.18	12.28	7.89E+02
15/05/2018 22:47	0.01	0.01	0.01	1.19	12.27	7.92E+02
15/05/2018 23:02	0.01	0.01	0.01	1.19	12.33	7.90E+02
15/05/2018 23:17	0.01	0.01	0.01	1.18	12.41	7.88E+02
15/05/2018 23:32	0.01	0.01	0.01	1.18	12.45	7.92E+02
15/05/2018 23:47	0.01	0.01	0.01	1.18	12.49	7.93E+02
16/05/2018 00:02	0.01	0.01	0.01	1.18	12.51	7.91E+02
16/05/2018 00:17	0.01	0.01	0.01	1.19	12.53	7.93E+02
16/05/2018 00:32	0.01	0.01	0.01	1.19	12.55	7.90E+02

16/05/2018 00:47	0.01	0.01	0.01	1.18	12.55	7.86E+02
16/05/2018 01:02	0.01	0.01	0.01	1.18	12.53	7.94E+02
16/05/2018 01:17	0.01	0.01	0.01	1.19	12.5	7.96E+02
16/05/2018 01:32	0.01	0.01	0.01	1.19	12.46	7.91E+02
16/05/2018 01:47	0.01	0.01	0.01	1.19	12.42	7.87E+02
16/05/2018 02:02	0.01	0.01	0.01	1.2	12.37	7.86E+02
16/05/2018 02:17	0.01	0.01	0.01	1.2	12.32	7.87E+02
16/05/2018 02:32	0.01	0.01	0.01	1.25	12.28	7.91E+02
16/05/2018 02:47	0.01	0.01	0.01	1.3	12.24	7.88E+02
16/05/2018 03:02	0.01	0.01	0.01	1.34	12.21	7.89E+02
16/05/2018 03:17	0.01	0.01	0.01	1.33	12.24	7.91E+02
16/05/2018 03:32	0.01	0.01	0.01	1.28	12.27	7.88E+02
16/05/2018 03:47	0.01	0.01	0.01	1.3	12.3	7.90E+02
16/05/2018 04:02	0.01	0.01	0.01	1.31	12.35	7.92E+02
16/05/2018 04:17	0.01	0.01	0.01	1.3	12.4	7.87E+02
16/05/2018 04:32	0.01	0.01	0.01	1.27	12.44	7.87E+02
16/05/2018 04:47	0.01	0.01	0.01	1.26	12.46	7.90E+02
16/05/2018 05:02	0.01	0.01	0.01	1.24	12.44	7.88E+02
16/05/2018 05:17	0.01	0.01	0.01	1.23	12.38	7.87E+02
16/05/2018 05:32	0.01	0.01	0.01	1.22	12.31	7.88E+02
16/05/2018 05:47	0.01	0.01	0.01	1.23	12.26	7.90E+02
16/05/2018 06:02	0.01	0.01	0.01	1.24	12.21	7.88E+02
16/05/2018 06:17	0.01	0.01	0.01	1.24	12.15	7.87E+02
16/05/2018 06:32	0.01	0.01	0.01	1.24	12.1	7.90E+02
16/05/2018 06:47	0.01	0.01	0.01	1.25	12.06	7.86E+02
16/05/2018 07:02	0.01	0.01	0.01	1.26	12.02	7.84E+02
16/05/2018 07:17	0.01	0.01	0.01	1.26	11.98	7.87E+02
16/05/2018 07:32	0.01	0.01	0.01	1.27	11.97	7.89E+02
16/05/2018 07:47	0.01	0.01	0.01	1.25	12.07	7.89E+02
16/05/2018 08:02	0.01	0.01	0.01	1.23	12.19	7.91E+02
16/05/2018 08:17	0.01	0.01	0.01	1.23	12.28	7.90E+02
16/05/2018 08:32	0.01	0.01	0.01	1.23	12.36	7.87E+02
16/05/2018 08:47	0.01	0.01	0.01	1.23	12.37	7.91E+02
16/05/2018 09:02	0.01	0.01	0.01	1.13	12.27	7.95E+02
16/05/2018 09:17	0.01	0.01	0.01	1.18	12.29	7.91E+02
16/05/2018 09:32	0.01	0.01	0.01	1.2	12.28	7.92E+02
16/05/2018 09:47	0.01	0.01	0.01	1.22	12.26	7.86E+02
16/05/2018 10:02	0.01	0.01	0.01	1.23	12.25	7.89E+02
16/05/2018 10:17	0.01	0.01	0.01	1.25	12.24	7.88E+02
16/05/2018 10:32	0.01	0.01	0.01	1.27	12.24	7.88E+02
16/05/2018 10:52	0.01	0.01	0.01	0.87	12.01	7.90E+02
16/05/2018 11:07	0.01	0.01	0.01	1.33	12.31	7.91E+02
16/05/2018 11:22	0.01	0.01	0.01	1.38	12.36	7.91E+02
16/05/2018 11:37	0.01	0.01	0.01	1.34	12.34	7.88E+02
16/05/2018 11:52	0.01	0.01	0.01	1.34	12.37	7.88E+02
16/05/2018 12:07	0.01	0.01	0.01	1.33	12.48	7.86E+02
16/05/2018 12:22	0.01	0.01	0.01	1.32	12.6	7.96E+02
16/05/2018 12:37	0.01	0.01	0.01	1.31	12.69	7.93E+02
16/05/2018 12:52	0.01	0.01	0.01	1.32	12.79	7.90E+02
16/05/2018 13:07	0.01	0.01	0.01	1.32	12.87	7.95E+02

16/05/2018 13:22	0.01	0.01	0.01	1.32	12.93	7.94E+02
16/05/2018 13:37	0.01	0.01	0.01	1.32	12.97	7.96E+02
16/05/2018 13:52	0.01	0.01	0.01	1.31	12.97	7.93E+02
16/05/2018 14:07	0.01	0.01	0.01	1.3	12.98	7.93E+02
16/05/2018 14:22	0.01	0.01	0.01	1.3	12.98	7.91E+02
16/05/2018 14:37	0.01	0.01	0.01	1.3	12.98	7.91E+02
16/05/2018 14:52	0.01	0.01	0.01	1.3	12.98	7.89E+02
16/05/2018 15:07	0.01	0.01	0.01	1.29	12.97	7.91E+02
16/05/2018 15:22	0.01	0.01	0.01	1.29	12.97	7.92E+02
16/05/2018 15:37	0.01	0.01	0.01	1.3	13	7.92E+02
16/05/2018 15:52	0.01	0.01	0.01	1.31	13.06	7.87E+02
16/05/2018 16:07	0.01	0.01	0.01	1.32	13.1	7.94E+02
16/05/2018 16:22	0.01	0.01	0.01	1.31	13.12	7.91E+02
16/05/2018 16:37	0.01	0.01	0.01	1.3	13.13	8.00E+02
16/05/2018 16:52	0.01	0.01	0.01	1.32	13.2	7.91E+02
16/05/2018 17:07	0.01	0.01	0.01	1.36	13.33	7.92E+02
16/05/2018 17:22	0.01	0.01	0.01	1.37	13.42	7.92E+02
16/05/2018 17:37	0.01	0.01	0.01	1.38	13.51	7.87E+02
16/05/2018 17:52	0.01	0.01	0.01	1.39	13.59	7.91E+02
16/05/2018 18:07	0.01	0.01	0.01	1.4	13.69	7.88E+02
16/05/2018 18:22	0.01	0.01	0.01	1.42	13.73	7.87E+02
16/05/2018 18:37	0.01	0.01	0.01	1.47	13.56	7.88E+02
16/05/2018 18:52	0.01	0.01	0.01	1.45	13.44	7.94E+02
16/05/2018 19:07	0.01	0.01	0.01	1.43	13.39	7.91E+02
16/05/2018 19:22	0.01	0.01	0.01	1.41	13.36	7.94E+02
16/05/2018 19:37	0.01	0.01	0.01	1.4	13.38	7.92E+02
16/05/2018 19:52	0.01	0.01	0.01	1.4	13.43	7.96E+02
16/05/2018 20:07	0.01	0.01	0.01	1.39	13.48	7.96E+02
16/05/2018 20:22	0.01	0.01	0.01	1.39	13.52	7.88E+02
16/05/2018 20:37	0.01	0.01	0.01	1.37	13.54	7.90E+02
16/05/2018 20:52	0.01	0.01	0.01	1.35	13.55	7.87E+02
16/05/2018 21:07	0.01	0.01	0.01	1.35	13.56	7.90E+02
16/05/2018 21:22	0.01	0.01	0.01	1.33	13.55	7.96E+02
16/05/2018 21:37	0.01	0.01	0.01	1.29	13.53	7.96E+02
16/05/2018 21:52	0.01	0.01	0.01	1.26	13.51	7.91E+02
16/05/2018 22:07	0.01	0.01	0.01	1.23	13.49	7.96E+02
16/05/2018 22:22	0.01	0.01	0.01	1.22	13.46	7.97E+02
16/05/2018 22:37	0.01	0.01	0.01	1.22	13.44	7.97E+02
16/05/2018 22:52	0.01	0.01	0.01	1.21	13.42	7.96E+02
16/05/2018 23:07	0.01	0.01	0.01	1.21	13.39	7.93E+02
16/05/2018 23:22	0.01	0.01	0.01	1.21	13.28	7.93E+02
16/05/2018 23:37	0.01	0.01	0.01	1.22	13.12	7.84E+02
16/05/2018 23:52	0.01	0.01	0.01	1.2	13	7.95E+02
17/05/2018 00:07	0.01	0.01	0.01	1.2	12.9	7.92E+02
17/05/2018 00:22	0.01	0.01	0.01	1.2	12.82	7.95E+02
17/05/2018 00:37	0.01	0.01	0.01	1.2	12.77	7.94E+02
17/05/2018 00:52	0.01	0.01	0.01	1.2	12.74	7.91E+02
17/05/2018 01:07	0.01	0.01	0.01	1.21	12.73	8.00E+02
17/05/2018 01:22	0.01	0.01	0.01	1.2	12.72	7.95E+02
17/05/2018 01:37	0.01	0.01	0.01	1.2	12.7	7.92E+02

17/05/2018 01:52	0.01	0.01	0.01	1.19	12.7	7.90E+02
17/05/2018 02:07	0.01	0.01	0.01	1.2	12.71	7.88E+02
17/05/2018 02:22	0.01	0.01	0.01	1.2	12.73	7.91E+02
17/05/2018 02:37	0.01	0.01	0.01	1.19	12.74	7.94E+02
17/05/2018 02:52	0.01	0.01	0.01	1.19	12.75	7.93E+02
17/05/2018 03:07	0.01	0.01	0.01	1.2	12.74	7.93E+02
17/05/2018 03:22	0.01	0.01	0.01	1.21	12.72	7.94E+02
17/05/2018 03:37	0.01	0.01	0.01	1.22	12.69	7.99E+02
17/05/2018 03:52	0.01	0.01	0.01	1.22	12.66	7.93E+02
17/05/2018 04:07	0.01	0.01	0.01	1.22	12.62	7.92E+02
17/05/2018 04:22	0.01	0.01	0.01	1.22	12.59	7.92E+02
17/05/2018 04:37	0.01	0.01	0.01	1.23	12.55	7.90E+02
17/05/2018 04:52	0.01	0.01	0.01	1.23	12.51	7.87E+02
17/05/2018 05:07	0.01	0.01	0.01	1.23	12.46	7.88E+02
17/05/2018 05:22	0.01	0.01	0.01	1.23	12.42	7.90E+02
17/05/2018 05:37	0.01	0.01	0.01	1.23	12.4	7.88E+02
17/05/2018 05:52	0.01	0.01	0.01	1.24	12.38	7.90E+02
17/05/2018 06:07	0.01	0.01	0.01	1.24	12.36	7.85E+02
17/05/2018 06:22	0.01	0.01	0.01	1.24	12.36	7.89E+02
17/05/2018 06:37	0.01	0.01	0.01	1.25	12.44	7.98E+02
17/05/2018 06:52	0.01	0.01	0.01	1.24	12.53	7.95E+02
17/05/2018 07:06	0.01	0.01	0.01	1.25	12.62	7.92E+02
17/05/2018 07:21	0.01	0.01	0.01	1.25	12.7	7.93E+02
17/05/2018 07:36	0.01	0.01	0.01	1.26	12.77	7.88E+02
17/05/2018 07:51	0.01	0.01	0.01	1.26	12.8	7.98E+02
17/05/2018 08:06	0.01	0.01	0.01	1.28	12.83	7.96E+02
17/05/2018 08:21	0.01	0.01	0.01	1.29	12.85	7.91E+02
17/05/2018 08:36	0.01	0.01	0.01	1.3	12.88	7.96E+02
17/05/2018 08:51	0.01	0.01	0.01	1.29	12.89	7.93E+02
17/05/2018 09:06	0.01	0.01	0.01	1.29	12.9	7.89E+02
17/05/2018 09:21	0.01	0.01	0.01	1.29	12.93	7.94E+02
17/05/2018 09:36	0.01	0.01	0.01	1.29	12.96	7.93E+02
17/05/2018 09:51	0.01	0.01	0.01	1.3	13.01	7.92E+02
17/05/2018 10:06	0.01	0.01	0.01	1.32	13.07	7.91E+02
17/05/2018 10:21	0.01	0.01	0.01	1.35	13.11	7.88E+02
17/05/2018 10:36	0.01	0.01	0.01	1.36	13.15	7.88E+02
17/05/2018 10:51	0.01	0.01	0.01	1.38	13.22	7.96E+02
17/05/2018 11:06	0.01	0.01	0.01	1.41	13.34	7.86E+02
17/05/2018 11:21	0.01	0.01	0.01	1.43	13.49	7.88E+02
17/05/2018 11:36	0.01	0.01	0.01	1.48	13.57	7.81E+02
17/05/2018 11:51	0.01	0.01	0.01	1.48	13.55	7.82E+02
17/05/2018 12:06	0.01	0.01	0.01	1.55	13.73	7.90E+02
17/05/2018 12:21	0.01	0.01	0.01	1.59	13.86	7.92E+02
17/05/2018 12:36	0.01	0.01	0.16	1.62	13.98	7.88E+02
17/05/2018 12:51	0.01	0.01	0.41	1.65	14.19	7.85E+02
17/05/2018 13:06	0.01	0.01	0.44	1.66	14.37	7.90E+02
17/05/2018 13:21	0.01	0.01	0.44	1.67	14.5	7.86E+02
17/05/2018 13:36	0.01	0.01	0.5	1.68	14.56	7.81E+02
17/05/2018 13:51	0.01	0.01	0.47	1.69	14.46	7.90E+02
17/05/2018 14:06	0.01	0.01	0.49	1.7	14.43	7.95E+02

17/05/2018 14:21	0.01	0.01	0.48	1.71	14.52	7.85E+02
17/05/2018 14:46	0.01	0.01	0.1	1.69	14.21	7.87E+02
17/05/2018 15:01	0.01	0.01	0.35	1.66	14.15	7.85E+02
17/05/2018 15:16	0.01	0.01	0.39	1.66	14.09	7.87E+02
17/05/2018 15:31	0.01	0.01	0.32	1.66	14.11	7.83E+02
17/05/2018 15:46	0.01	0.01	0.01	1.62	14.18	7.87E+02
17/05/2018 16:01	0.01	0.01	0.04	1.63	14.34	7.98E+02
17/05/2018 16:16	0.01	0.01	0.17	1.65	14.55	7.94E+02
17/05/2018 16:31	0.01	0.01	0.19	1.65	14.71	7.98E+02
17/05/2018 16:46	0.01	0.01	0.12	1.63	14.82	8.00E+02
17/05/2018 17:01	0.01	0.01	0.12	1.62	14.94	7.98E+02
17/05/2018 17:16	0.01	0.01	0.35	1.66	14.87	7.80E+02
17/05/2018 17:31	0.01	0.01	0.38	1.67	14.62	7.77E+02
17/05/2018 17:46	0.01	0.01	0.4	1.67	14.41	7.80E+02
17/05/2018 18:01	0.01	0.01	0.26	1.67	14.29	7.85E+02
17/05/2018 18:16	0.01	0.01	0.05	1.65	14.22	7.93E+02
17/05/2018 18:31	0.01	0.01	0.01	1.61	14.24	7.90E+02
17/05/2018 18:46	0.01	0.01	0.01	1.55	14.27	7.91E+02
17/05/2018 19:01	0.01	0.01	0.01	1.51	14.29	7.93E+02
17/05/2018 19:16	0.01	0.01	0.01	1.47	14.32	7.95E+02
17/05/2018 19:31	0.01	0.01	0.01	1.45	14.34	7.85E+02
17/05/2018 19:46	0.01	0.01	0.01	1.41	14.34	7.87E+02
17/05/2018 20:01	0.01	0.01	0.01	1.38	14.34	7.86E+02
17/05/2018 20:16	0.01	0.01	0.01	1.33	14.31	7.89E+02
17/05/2018 20:31	0.01	0.01	0.01	1.28	14.27	7.97E+02
17/05/2018 20:46	0.01	0.01	0.01	1.26	14.22	7.93E+02
17/05/2018 21:01	0.01	0.01	0.01	1.22	14.17	7.94E+02
17/05/2018 21:16	0.01	0.01	0.01	1.2	14.1	8.00E+02
17/05/2018 21:31	0.01	0.01	0.01	1.18	14.02	7.93E+02
17/05/2018 21:46	0.01	0.01	0.01	1.18	13.93	7.96E+02
17/05/2018 22:01	0.01	0.01	0.01	1.19	13.82	7.87E+02
17/05/2018 22:16	0.01	0.01	0.01	1.2	13.73	7.89E+02
17/05/2018 22:31	0.01	0.01	0.01	1.22	13.63	7.98E+02
17/05/2018 22:46	0.01	0.01	0.01	1.28	13.46	7.92E+02
17/05/2018 23:01	0.01	0.01	0.01	1.28	13.28	7.83E+02
17/05/2018 23:16	0.01	0.01	0.01	1.29	13.14	7.97E+02
17/05/2018 23:31	0.01	0.01	0.01	1.28	13.02	7.97E+02
17/05/2018 23:46	0.01	0.01	0.01	1.27	12.92	7.92E+02
18/05/2018 00:01	0.01	0.01	0.01	1.27	12.83	7.93E+02
18/05/2018 00:16	0.01	0.01	0.01	1.26	12.75	7.97E+02
18/05/2018 00:31	0.01	0.01	0.01	1.26	12.68	7.94E+02
18/05/2018 00:46	0.01	0.01	0.01	1.25	12.62	7.90E+02
18/05/2018 01:01	0.01	0.01	0.01	1.25	12.58	7.91E+02
18/05/2018 01:16	0.01	0.01	0.01	1.26	12.51	7.90E+02
18/05/2018 01:31	0.01	0.01	0.01	1.25	12.39	7.88E+02
18/05/2018 01:46	0.01	0.01	0.01	1.25	12.28	7.87E+02
18/05/2018 02:01	0.01	0.01	0.01	1.26	12.19	7.86E+02
18/05/2018 02:16	0.01	0.01	0.01	1.27	12.1	7.87E+02
18/05/2018 02:31	0.01	0.01	0.01	1.27	12.01	7.86E+02
18/05/2018 02:46	0.01	0.01	0.01	1.28	11.93	7.82E+02

18/05/2018 03:01	0.01	0.01	0.01	1.28	11.84	7.83E+02
18/05/2018 03:16	0.01	0.01	0.01	1.28	11.75	7.84E+02
18/05/2018 03:31	0.01	0.01	0.01	1.28	11.82	7.86E+02
18/05/2018 03:46	0.01	0.01	0.01	1.3	11.95	7.87E+02
18/05/2018 04:01	0.01	0.01	0.01	1.31	12.05	7.90E+02
18/05/2018 04:16	0.01	0.01	0.01	1.29	12.1	7.87E+02
18/05/2018 04:31	0.01	0.01	0.01	1.29	12.15	7.91E+02
18/05/2018 04:46	0.01	0.01	0.01	1.31	12.19	7.88E+02
18/05/2018 05:01	0.01	0.01	0.01	1.32	12.22	7.91E+02
18/05/2018 05:16	0.01	0.01	0.01	1.33	12.25	7.87E+02
18/05/2018 05:31	0.01	0.01	0.01	1.35	12.27	7.87E+02
18/05/2018 05:46	0.01	0.01	0.01	1.32	12.19	7.86E+02
18/05/2018 06:01	0.01	0.01	0.01	1.33	12.1	7.84E+02
18/05/2018 06:16	0.01	0.01	0.01	1.33	12.01	7.85E+02
18/05/2018 06:31	0.01	0.01	0.01	1.34	11.93	7.86E+02
18/05/2018 06:46	0.01	0.01	0.01	1.35	11.84	7.87E+02
18/05/2018 07:01	0.01	0.01	0.01	1.36	11.76	7.87E+02
18/05/2018 07:16	0.01	0.01	0.01	1.37	11.72	7.91E+02
18/05/2018 07:31	0.01	0.01	0.01	1.37	11.77	7.89E+02
18/05/2018 07:46	0.01	0.01	0.01	1.38	11.96	7.88E+02
18/05/2018 08:01	0.01	0.01	0.01	1.39	12.15	7.90E+02
18/05/2018 08:16	0.01	0.01	0.01	1.4	12.33	7.89E+02
18/05/2018 08:31	0.01	0.01	0.01	1.41	12.47	7.90E+02
18/05/2018 08:46	0.01	0.01	0.01	1.43	12.6	7.91E+02
18/05/2018 09:01	0.01	0.01	0.01	1.45	12.66	7.93E+02
18/05/2018 09:16	0.01	0.01	0.01	1.47	12.7	7.87E+02
18/05/2018 09:31	0.01	0.01	0.01	1.57	12.94	7.87E+02
18/05/2018 09:46	0.01	0.01	0.01	1.67	13.35	7.93E+02
18/05/2018 10:01	0.01	0.01	0.04	1.7	13.83	7.98E+02
18/05/2018 10:16	0.01	0.01	0.19	1.73	14.34	8.03E+02
18/05/2018 10:31	0.01	0.01	0.1	1.71	14.88	8.08E+02
18/05/2018 10:46	0.01	0.01	0.14	1.74	15.41	8.06E+02
18/05/2018 11:01	0.01	0.01	0.25	1.79	15.94	8.18E+02
18/05/2018 11:16	0.01	0.01	0.36	1.83	16.43	8.28E+02
18/05/2018 11:31	0.01	0.01	0.38	1.87	16.91	8.29E+02
18/05/2018 11:46	0.01	0.01	0.66	1.95	16.09	7.97E+02
18/05/2018 12:01	0.01	0.01	0.52	1.99	15.47	7.93E+02
18/05/2018 12:16	0.01	0.01	0.39	1.98	15.16	7.88E+02
18/05/2018 12:31	0.01	0.01	0.24	1.95	15.02	7.85E+02
18/05/2018 12:46	0.01	0.01	0.1	1.94	14.97	7.83E+02
18/05/2018 13:01	0.01	0.01	0.04	1.93	14.97	7.82E+02
18/05/2018 13:16	0.01	0.01	0.01	1.93	14.99	7.82E+02
18/05/2018 13:31	0.01	0.01	0.01	1.92	15.01	7.83E+02
18/05/2018 13:46	0.01	0.01	0.01	1.92	15.06	7.86E+02
18/05/2018 14:01	0.01	0.01	0.01	1.85	15	7.92E+02
18/05/2018 14:16	0.01	0.01	0.01	1.83	14.9	7.88E+02
18/05/2018 14:31	0.01	0.01	0.01	1.83	14.83	7.90E+02
18/05/2018 14:46	0.01	0.01	0.01	1.82	14.76	7.91E+02
18/05/2018 15:01	0.01	0.01	0.01	1.83	14.8	7.93E+02
18/05/2018 15:16	0.01	0.01	0.01	1.8	14.79	7.90E+02

18/05/2018 15:31	0.01	0.01	0.01	1.75	14.71	7.86E+02
18/05/2018 15:46	0.01	0.01	0.01	1.74	14.85	7.93E+02
18/05/2018 16:01	0.01	0.01	0.01	1.71	15.03	7.94E+02
18/05/2018 16:16	0.01	0.01	0.01	1.72	15.36	8.00E+02
18/05/2018 16:31	0.01	0.01	0.01	1.72	15.58	8.04E+02
18/05/2018 16:46	0.01	0.01	0.01	1.72	15.82	8.12E+02
18/05/2018 17:01	0.01	0.01	0.01	1.69	16.05	8.01E+02
18/05/2018 17:16	0.01	0.01	0.01	1.77	15.81	7.91E+02
18/05/2018 17:31	0.01	0.01	0.01	1.71	15.21	7.82E+02
18/05/2018 17:46	0.01	0.01	0.01	1.64	14.76	7.88E+02
18/05/2018 18:01	0.01	0.01	0.01	1.57	14.51	7.93E+02
18/05/2018 18:16	0.01	0.01	0.01	1.51	14.35	7.88E+02
18/05/2018 18:31	0.01	0.01	0.01	1.46	14.23	7.91E+02
18/05/2018 18:46	0.01	0.01	0.01	1.4	14.19	7.96E+02
18/05/2018 19:01	0.01	0.01	0.01	1.34	14.22	7.95E+02
18/05/2018 19:16	0.01	0.01	0.01	1.29	14.26	7.96E+02
18/05/2018 19:31	0.01	0.01	0.01	1.24	14.29	8.03E+02
18/05/2018 19:46	0.01	0.01	0.01	1.2	14.31	8.02E+02
18/05/2018 20:01	0.01	0.01	0.01	1.16	14.32	8.01E+02
18/05/2018 20:16	0.01	0.01	0.01	1.12	14.33	7.97E+02
18/05/2018 20:31	0.01	0.01	0.01	1.08	14.33	8.04E+02
18/05/2018 20:46	0.01	0.01	0.01	1.05	14.32	8.06E+02
18/05/2018 21:01	0.01	0.01	0.01	1.02	14.3	8.05E+02
18/05/2018 21:16	0.01	0.01	0.01	0.99	14.28	8.05E+02
18/05/2018 21:31	0.01	0.01	0.01	0.97	14.24	8.01E+02
18/05/2018 21:46	0.01	0.01	0.01	0.94	14.19	8.02E+02
18/05/2018 22:01	0.01	0.01	0.01	0.92	14.13	8.03E+02
18/05/2018 22:16	0.01	0.01	0.01	0.91	14.07	8.01E+02
18/05/2018 22:31	0.01	0.01	0.01	0.93	14.01	8.02E+02
18/05/2018 22:46	0.01	0.01	0.01	0.92	13.94	7.99E+02
18/05/2018 23:01	0.01	0.01	0.01	0.92	13.8	8.00E+02
18/05/2018 23:16	0.01	0.01	0.01	0.94	13.53	7.96E+02
18/05/2018 23:31	0.01	0.01	0.01	0.94	13.34	7.93E+02
18/05/2018 23:46	0.01	0.01	0.01	0.93	13.21	7.88E+02
19/05/2018 00:01	0.01	0.01	0.01	0.94	13.12	7.98E+02
19/05/2018 00:16	0.01	0.01	0.01	0.94	13.04	7.95E+02
19/05/2018 00:31	0.01	0.01	0.01	0.94	12.97	7.95E+02
19/05/2018 00:46	0.01	0.01	0.01	0.94	12.91	7.95E+02
19/05/2018 01:01	0.01	0.01	0.01	0.94	12.86	7.98E+02
19/05/2018 01:16	0.01	0.01	0.01	0.93	12.81	7.96E+02
19/05/2018 01:31	0.01	0.01	0.01	0.94	12.77	7.92E+02
19/05/2018 01:46	0.01	0.01	0.01	0.94	12.74	7.95E+02
19/05/2018 02:01	0.01	0.01	0.01	0.94	12.7	7.97E+02
19/05/2018 02:16	0.01	0.01	0.01	0.94	12.66	7.96E+02
19/05/2018 02:31	0.01	0.01	0.01	0.95	12.59	7.98E+02
19/05/2018 02:46	0.01	0.01	0.01	0.96	12.5	8.02E+02
19/05/2018 03:01	0.01	0.01	0.01	0.96	12.42	7.99E+02
19/05/2018 03:16	0.01	0.01	0.01	0.97	12.34	8.01E+02
19/05/2018 03:31	0.01	0.01	0.01	0.97	12.24	7.91E+02
19/05/2018 03:46	0.01	0.01	0.01	0.98	12.16	7.99E+02

19/05/2018 04:01	0.01	0.01	0.01	0.99	12.07	7.93E+02
19/05/2018 04:16	0.01	0.01	0.01	1	11.99	7.92E+02
19/05/2018 04:31	0.01	0.01	0.01	1.01	11.9	7.93E+02
19/05/2018 04:46	0.01	0.01	0.01	1.01	11.8	7.91E+02
19/05/2018 05:01	0.01	0.01	0.01	1.02	11.71	7.90E+02
19/05/2018 05:16	0.01	0.01	0.01	1.03	11.68	7.96E+02
19/05/2018 05:31	0.01	0.01	0.01	1.01	11.85	7.96E+02
19/05/2018 05:46	0.01	0.01	0.01	1.02	11.98	7.98E+02
19/05/2018 06:01	0.01	0.01	0.01	1.03	12.07	8.01E+02
19/05/2018 06:16	0.01	0.01	0.01	1.03	12.12	7.99E+02
19/05/2018 06:31	0.01	0.01	0.01	1.05	12.09	7.96E+02
19/05/2018 06:46	0.01	0.01	0.01	1.06	12.01	7.95E+02
19/05/2018 07:01	0.01	0.01	0.01	1.06	11.93	7.92E+02
19/05/2018 07:16	0.01	0.01	0.01	1.07	11.87	7.92E+02
19/05/2018 07:31	0.01	0.01	0.01	1.09	11.83	7.90E+02
19/05/2018 07:54	0.01	0.01	0.01	0.88	11.68	7.97E+02
19/05/2018 08:09	0.01	0.01	0.01	1.16	11.87	7.90E+02
19/05/2018 08:24	0.01	0.01	0.01	1.2	12.09	7.99E+02
19/05/2018 08:39	0.01	0.01	0.01	1.21	12.33	7.90E+02
19/05/2018 08:54	0.01	0.01	0.01	1.23	12.54	7.93E+02
19/05/2018 09:09	0.01	0.01	0.01	1.23	12.69	7.96E+02
19/05/2018 09:24	0.01	0.01	0.01	1.25	12.81	7.90E+02
19/05/2018 09:39	0.01	0.01	0.01	1.27	12.88	7.91E+02
19/05/2018 09:54	0.01	0.01	0.01	1.29	12.94	7.91E+02
19/05/2018 10:09	0.01	0.01	0.01	1.32	13.01	7.93E+02
19/05/2018 10:24	0.01	0.01	0.01	1.35	13.08	7.90E+02
19/05/2018 10:39	0.01	0.01	0.01	1.36	13.17	7.98E+02
19/05/2018 10:54	0.01	0.01	0.01	1.4	13.27	7.97E+02
19/05/2018 11:09	0.01	0.01	0.01	1.43	13.38	8.04E+02
19/05/2018 11:24	0.01	0.01	0.01	1.47	13.51	7.99E+02
19/05/2018 11:39	0.01	0.01	0.01	1.51	13.67	8.00E+02
19/05/2018 11:54	0.01	0.01	0.01	1.56	13.84	7.95E+02
19/05/2018 12:09	0.01	0.01	0.01	1.61	13.9	7.87E+02
19/05/2018 12:24	0.01	0.01	0.01	1.63	13.91	7.88E+02
19/05/2018 12:39	0.01	0.01	0.01	1.69	14.06	7.88E+02
19/05/2018 12:54	0.01	0.01	0.01	1.75	14.22	7.95E+02
19/05/2018 13:09	0.01	0.01	0.22	1.83	14.47	7.90E+02
19/05/2018 13:24	0.01	0.01	0.46	1.86	14.65	7.86E+02
19/05/2018 13:39	0.01	0.01	0.66	1.87	14.78	7.84E+02
19/05/2018 13:54	0.01	0.01	0.63	1.88	14.88	7.93E+02
19/05/2018 14:09	0.01	0.01	0.65	1.88	14.93	7.93E+02
19/05/2018 14:24	0.01	0.01	0.65	1.89	14.99	7.89E+02
19/05/2018 14:39	0.01	0.01	0.65	1.89	15.01	7.94E+02
19/05/2018 14:54	0.01	0.01	0.63	1.88	15.1	8.00E+02
19/05/2018 15:09	0.01	0.01	0.61	1.89	15.17	7.99E+02
19/05/2018 15:24	0.01	0.01	0.65	1.87	15.18	7.94E+02
19/05/2018 15:39	0.01	0.01	0.65	1.88	15.21	7.95E+02
19/05/2018 15:54	0.01	0.01	0.67	1.88	15.13	7.94E+02
19/05/2018 16:09	0.01	0.01	0.51	1.87	15	7.90E+02
19/05/2018 16:24	0.01	0.01	0.01	1.74	14.78	7.88E+02

19/05/2018 16:39	0.01	0.01	0.01	1.61	14.69	7.87E+02
19/05/2018 16:54	0.01	0.01	0.01	1.51	14.63	7.98E+02
19/05/2018 17:09	0.01	0.01	0.01	1.43	14.58	8.03E+02
19/05/2018 17:24	0.01	0.01	0.01	1.36	14.54	7.99E+02
19/05/2018 17:39	0.01	0.01	0.01	1.31	14.51	7.97E+02
19/05/2018 17:54	0.01	0.01	0.01	1.27	14.49	8.02E+02
19/05/2018 18:09	0.01	0.01	0.01	1.25	14.49	7.94E+02
19/05/2018 18:24	0.01	0.01	0.01	1.31	14.52	7.85E+02
19/05/2018 18:39	0.01	0.01	0.01	1.34	14.55	7.83E+02
19/05/2018 18:54	0.01	0.01	0.01	1.3	14.57	7.97E+02
19/05/2018 19:09	0.01	0.01	0.01	1.29	14.27	7.93E+02
19/05/2018 19:24	0.01	0.01	0.01	1.33	14.02	7.85E+02
19/05/2018 19:39	0.01	0.01	0.01	1.31	13.88	7.88E+02
19/05/2018 19:54	0.01	0.01	0.01	1.28	13.81	7.93E+02
19/05/2018 20:09	0.01	0.01	0.01	1.25	13.8	7.90E+02
19/05/2018 20:24	0.01	0.01	0.01	1.22	13.79	8.01E+02
19/05/2018 20:39	0.01	0.01	0.01	1.19	13.78	7.95E+02
19/05/2018 20:54	0.01	0.01	0.01	1.18	13.77	7.98E+02
19/05/2018 21:09	0.01	0.01	0.01	1.18	13.75	7.99E+02
19/05/2018 21:24	0.01	0.01	0.01	1.2	13.71	7.96E+02
19/05/2018 21:39	0.01	0.01	0.01	1.19	13.65	7.96E+02
19/05/2018 21:54	0.01	0.01	0.01	1.19	13.61	7.99E+02
19/05/2018 22:09	0.01	0.01	0.01	1.19	13.57	7.96E+02
19/05/2018 22:24	0.01	0.01	0.01	1.19	13.52	7.96E+02
19/05/2018 22:39	0.01	0.01	0.01	1.2	13.46	7.93E+02
19/05/2018 22:54	0.01	0.01	0.01	1.2	13.39	7.94E+02
19/05/2018 23:09	0.01	0.01	0.01	1.18	13.32	7.99E+02
19/05/2018 23:24	0.01	0.01	0.01	1.18	13.31	7.95E+02
19/05/2018 23:39	0.01	0.01	0.01	0.82	12.99	7.95E+02
19/05/2018 23:54	0.01	0.01	0.01	0.96	13	8.00E+02
20/05/2018 00:09	0.01	0.01	0.01	1.01	12.96	7.96E+02
20/05/2018 00:24	0.01	0.01	0.01	1.04	12.92	7.92E+02
20/05/2018 00:39	0.01	0.01	0.01	1.05	12.89	8.01E+02
20/05/2018 00:54	0.01	0.01	0.01	1.05	12.85	8.02E+02
20/05/2018 01:09	0.01	0.01	0.01	1.05	12.81	7.99E+02
20/05/2018 01:24	0.01	0.01	0.01	1.06	12.78	8.00E+02
20/05/2018 01:39	0.01	0.01	0.01	1.06	12.75	7.96E+02
20/05/2018 01:54	0.01	0.01	0.01	1.06	12.72	7.96E+02
20/05/2018 02:09	0.01	0.01	0.01	1.07	12.69	7.98E+02
20/05/2018 02:24	0.01	0.01	0.01	1.07	12.65	7.97E+02
20/05/2018 02:39	0.01	0.01	0.01	1.07	12.61	7.98E+02
20/05/2018 02:54	0.01	0.01	0.01	1.08	12.55	7.94E+02
20/05/2018 03:09	0.01	0.01	0.01	1.08	12.47	7.92E+02
20/05/2018 03:24	0.01	0.01	0.01	0.94	12.26	7.98E+02
20/05/2018 03:39	0.01	0.01	0.01	0.99	12.23	7.94E+02
20/05/2018 03:54	0.01	0.01	0.01	0.98	12.17	7.95E+02
20/05/2018 04:09	0.01	0.01	0.01	0.99	12.13	7.93E+02
20/05/2018 04:24	0.01	0.01	0.01	1.03	12.11	7.95E+02
20/05/2018 04:39	0.01	0.01	0.01	1.05	12.06	7.92E+02
20/05/2018 04:54	0.01	0.01	0.01	1.04	11.99	7.93E+02

20/05/2018 05:09	0.01	0.01	0.01	1.05	11.91	7.90E+02
20/05/2018 05:24	0.01	0.01	0.01	1.05	11.82	7.93E+02
20/05/2018 05:39	0.01	0.01	0.01	1.06	11.76	7.90E+02
20/05/2018 05:54	0.01	0.01	0.01	1.07	11.71	7.88E+02
20/05/2018 06:09	0.01	0.01	0.01	1.07	11.68	7.94E+02
20/05/2018 06:24	0.01	0.01	0.01	1.07	11.86	7.94E+02
20/05/2018 06:39	0.01	0.01	0.01	1.06	12	7.92E+02
20/05/2018 06:54	0.01	0.01	0.01	1.06	12.11	7.94E+02
20/05/2018 07:09	0.01	0.01	0.01	1.06	12.21	7.94E+02
20/05/2018 07:24	0.01	0.01	0.01	1.07	12.29	7.92E+02
20/05/2018 07:39	0.01	0.01	0.01	1.09	12.29	7.90E+02
20/05/2018 07:54	0.01	0.01	0.01	1.1	12.28	7.89E+02
20/05/2018 08:09	0.01	0.01	0.01	1.11	12.29	7.91E+02
20/05/2018 08:24	0.01	0.01	0.01	1.13	12.3	7.87E+02
20/05/2018 08:39	0.01	0.01	0.01	1.16	12.33	7.88E+02
20/05/2018 08:54	0.01	0.01	0.01	1.22	12.4	7.92E+02
20/05/2018 09:09	0.01	0.01	0.01	1.24	12.46	7.92E+02
20/05/2018 09:24	0.01	0.01	0.01	1.34	12.68	7.92E+02
20/05/2018 09:39	0.01	0.01	0.01	1.42	13.02	7.98E+02
20/05/2018 09:54	0.01	0.01	0.01	1.5	13.44	8.00E+02
20/05/2018 10:09	0.01	0.01	0.01	1.61	13.91	7.81E+02
20/05/2018 10:24	0.01	0.01	0.21	1.63	14.03	7.88E+02
20/05/2018 10:39	0.01	0.01	0.37	1.64	14.15	7.96E+02
20/05/2018 10:54	0.01	0.01	0.36	1.67	14.28	7.94E+02
20/05/2018 11:09	0.01	0.01	0.42	1.68	14.39	7.95E+02
20/05/2018 11:24	0.01	0.01	0.45	1.69	14.5	7.88E+02
20/05/2018 11:39	0.01	0.01	0.4	1.7	14.59	7.94E+02
20/05/2018 11:54	0.01	0.01	0.43	1.7	14.68	7.94E+02
20/05/2018 12:09	0.01	0.01	0.42	1.73	14.77	7.94E+02
20/05/2018 12:24	0.01	0.01	0.4	1.72	14.82	8.02E+02
20/05/2018 12:39	0.01	0.01	0.39	1.67	14.89	7.97E+02
20/05/2018 12:54	0.01	0.01	0.4	1.68	14.93	7.96E+02
20/05/2018 13:09	0.01	0.01	0.39	1.68	15	7.94E+02
20/05/2018 13:24	0.01	0.01	0.38	1.69	15.15	8.01E+02
20/05/2018 13:39	0.01	0.01	0.43	1.69	15.55	8.04E+02
20/05/2018 13:54	0.01	0.01	0.4	1.69	16.03	8.06E+02
20/05/2018 14:09	0.01	0.01	0.47	1.74	16.46	8.17E+02
20/05/2018 14:24	0.01	0.01	0.5	1.72	16.94	8.28E+02
20/05/2018 14:39	0.01	0.01	0.53	1.74	17.41	8.36E+02
20/05/2018 14:54	0.01	0.01	0.54	1.75	17.69	8.16E+02
20/05/2018 15:09	0.01	0.01	0.67	1.8	17.1	8.05E+02
20/05/2018 15:24	0.01	0.01	0.28	1.78	16.1	7.98E+02
20/05/2018 15:39	0.01	0.01	0.01	1.71	15.31	7.94E+02
20/05/2018 15:54	0.01	0.01	0.01	1.7	14.96	7.90E+02
20/05/2018 16:09	0.01	0.01	0.01	1.72	15	7.93E+02
20/05/2018 16:24	0.01	0.01	0.01	1.64	14.9	7.98E+02
20/05/2018 16:39	0.01	0.01	0.01	1.59	14.79	8.00E+02
20/05/2018 16:54	0.01	0.01	0.01	1.52	14.84	8.01E+02
20/05/2018 17:09	0.01	0.01	0.01	1.43	14.91	7.98E+02
20/05/2018 17:24	0.01	0.01	0.01	1.37	14.99	7.91E+02

20/05/2018 17:39	0.01	0.01	0.01	1.34	15.11	7.98E+02
20/05/2018 17:54	0.01	0.01	0.01	1.3	15.2	8.07E+02
20/05/2018 18:09	0.01	0.01	0.01	1.26	15.29	8.09E+02
20/05/2018 18:24	0.01	0.01	0.01	1.24	15.39	8.18E+02
20/05/2018 18:39	0.01	0.01	0.01	1.2	15.46	8.16E+02
20/05/2018 18:54	0.01	0.01	0.01	1.16	15.49	8.14E+02
20/05/2018 19:09	0.01	0.01	0.01	1.12	15.52	8.19E+02
20/05/2018 19:24	0.01	0.01	0.01	1.13	15.46	8.08E+02
20/05/2018 19:39	0.01	0.01	0.01	1.13	14.94	8.04E+02
20/05/2018 20:06	0.01	0.01	0.01	1.04	14.12	7.97E+02
20/05/2018 20:21	0.01	0.01	0.01	1.04	13.98	8.04E+02
20/05/2018 20:36	0.01	0.01	0.01	0.99	13.93	8.01E+02
20/05/2018 20:51	0.01	0.01	0.01	0.98	13.94	8.00E+02
20/05/2018 21:06	0.01	0.01	0.01	0.95	13.93	7.99E+02
20/05/2018 21:21	0.01	0.01	0.01	0.92	13.91	8.04E+02
20/05/2018 21:36	0.01	0.01	0.01	0.9	13.86	8.07E+02
20/05/2018 21:51	0.01	0.01	0.01	0.88	13.81	8.02E+02
20/05/2018 22:06	0.01	0.01	0.01	0.88	13.78	8.03E+02
20/05/2018 22:21	0.01	0.01	0.01	0.69	13.6	8.06E+02
20/05/2018 22:36	0.01	0.01	0.01	0.77	13.65	8.05E+02
20/05/2018 22:51	0.01	0.01	0.01	0.8	13.67	8.06E+02
20/05/2018 23:06	0.01	0.01	0.01	0.81	13.67	8.01E+02
20/05/2018 23:21	0.01	0.01	0.01	0.81	13.65	8.05E+02
20/05/2018 23:36	0.01	0.01	0.01	0.83	13.65	8.09E+02
20/05/2018 23:51	0.01	0.01	0.01	0.83	13.64	8.03E+02
21/05/2018 00:06	0.01	0.01	0.01	0.84	13.49	8.03E+02
21/05/2018 00:21	0.01	0.01	0.01	0.83	13.39	8.07E+02
21/05/2018 00:36	0.01	0.01	0.01	0.84	13.34	8.03E+02
21/05/2018 00:51	0.01	0.01	0.01	0.86	13.31	8.02E+02
21/05/2018 01:06	0.01	0.01	0.01	0.85	13.26	8.09E+02
21/05/2018 01:21	0.01	0.01	0.01	0.85	13.21	8.04E+02
21/05/2018 01:36	0.01	0.01	0.01	0.86	13.16	8.05E+02
21/05/2018 01:51	0.01	0.01	0.01	0.83	13.09	8.04E+02
21/05/2018 02:06	0.01	0.01	0.01	0.84	13.02	7.99E+02
21/05/2018 02:21	0.01	0.01	0.01	0.86	12.97	8.01E+02
21/05/2018 02:36	0.01	0.01	0.01	0.85	12.92	8.04E+02
21/05/2018 02:51	0.01	0.01	0.01	0.86	12.85	8.07E+02
21/05/2018 03:06	0.01	0.01	0.01	0.87	12.79	7.97E+02
21/05/2018 03:21	0.01	0.01	0.01	0.88	12.7	8.00E+02
21/05/2018 03:36	0.01	0.01	0.01	0.89	12.62	7.98E+02
21/05/2018 03:51	0.01	0.01	0.01	0.89	12.53	8.06E+02
21/05/2018 04:06	0.01	0.01	0.01	0.88	12.44	7.99E+02
21/05/2018 04:21	0.01	0.01	0.01	0.88	12.35	8.02E+02
21/05/2018 04:36	0.01	0.01	0.01	0.89	12.26	8.02E+02
21/05/2018 04:51	0.01	0.01	0.01	0.9	12.17	8.01E+02
21/05/2018 05:06	0.01	0.01	0.01	0.9	12.07	7.98E+02
21/05/2018 05:21	0.01	0.01	0.01	0.9	11.99	7.97E+02
21/05/2018 05:36	0.01	0.01	0.01	0.92	11.9	7.95E+02
21/05/2018 05:51	0.01	0.01	0.01	0.92	11.8	7.96E+02
21/05/2018 06:06	0.01	0.01	0.01	0.9	11.74	7.99E+02

21/05/2018 06:21	0.01	0.01	0.01	0.9	11.93	8.06E+02
21/05/2018 06:36	0.01	0.01	0.01	0.89	12.09	8.03E+02
21/05/2018 06:51	0.01	0.01	0.01	0.89	12.23	8.01E+02
21/05/2018 07:06	0.01	0.01	0.01	0.9	12.36	8.03E+02
21/05/2018 07:21	0.01	0.01	0.01	0.92	12.46	8.02E+02
21/05/2018 07:36	0.01	0.01	0.01	0.94	12.49	8.05E+02
21/05/2018 07:51	0.01	0.01	0.01	0.95	12.52	8.02E+02
21/05/2018 08:06	0.01	0.01	0.01	0.98	12.55	7.96E+02
21/05/2018 08:21	0.01	0.01	0.01	1.01	12.59	8.04E+02
21/05/2018 08:36	0.01	0.01	0.01	1.08	12.68	7.96E+02
21/05/2018 08:51	0.01	0.01	0.01	1.14	12.8	7.97E+02
21/05/2018 09:06	0.01	0.01	0.01	1.16	12.9	8.01E+02
21/05/2018 09:21	0.01	0.01	0.01	1.21	13.08	7.94E+02
21/05/2018 09:36	0.01	0.01	0.01	1.29	13.42	8.05E+02
21/05/2018 09:51	0.01	0.01	0.01	1.43	13.97	7.95E+02
21/05/2018 10:06	0.01	0.01	0.01	1.5	14.15	7.90E+02
21/05/2018 10:21	0.01	0.01	0.01	1.5	14.14	7.86E+02
21/05/2018 10:36	0.01	0.01	0.01	1.52	14.19	7.94E+02
21/05/2018 10:51	0.01	0.01	0.01	1.6	14.4	7.97E+02
21/05/2018 11:06	0.01	0.01	0.02	1.67	14.61	7.85E+02
21/05/2018 11:21	0.01	0.01	0.01	1.66	14.57	7.87E+02
21/05/2018 11:36	0.01	0.01	0.16	1.7	14.71	7.89E+02
21/05/2018 11:51	0.01	0.01	0.29	1.73	14.82	7.99E+02
21/05/2018 12:06	0.01	0.01	0.38	1.73	14.91	7.95E+02
21/05/2018 12:21	0.01	0.01	0.42	1.74	14.98	7.95E+02
21/05/2018 12:36	0.01	0.01	0.15	1.72	14.9	7.94E+02
21/05/2018 12:51	0.01	0.01	0.06	1.7	14.9	7.93E+02
21/05/2018 13:06	0.01	0.01	0.15	1.72	15.29	8.01E+02
21/05/2018 13:21	0.01	0.01	0.25	1.74	15.69	8.07E+02
21/05/2018 13:36	0.01	0.01	0.4	1.74	16.12	8.12E+02
21/05/2018 13:51	0.01	0.01	0.22	1.72	16.47	8.20E+02
21/05/2018 14:06	0.01	0.01	0.16	1.72	16.93	8.35E+02
21/05/2018 14:21	0.01	0.01	0.52	1.78	16.72	8.01E+02
21/05/2018 14:36	0.01	0.01	0.59	1.8	16.29	8.02E+02
21/05/2018 14:51	0.01	0.01	0.65	1.82	15.91	8.00E+02
21/05/2018 15:06	0.01	0.01	0.66	1.84	15.67	7.91E+02
21/05/2018 15:21	0.01	0.01	0.7	1.85	15.59	7.91E+02
21/05/2018 15:36	0.01	0.01	0.37	1.84	15.5	7.90E+02
21/05/2018 15:51	0.01	0.01	0.49	1.86	15.49	7.92E+02
21/05/2018 16:06	0.01	0.01	0.52	1.86	15.47	7.96E+02
21/05/2018 16:21	0.01	0.01	0.52	1.86	15.5	7.97E+02
21/05/2018 16:36	0.01	0.01	0.52	1.85	15.81	8.03E+02
21/05/2018 16:51	0.01	0.01	0.34	1.83	16.13	8.03E+02
21/05/2018 17:06	0.01	0.01	0.15	1.79	16.43	8.09E+02
21/05/2018 17:21	0.01	0.01	0.01	1.75	16.62	8.18E+02
21/05/2018 17:36	0.01	0.01	0.01	1.61	16.71	8.34E+02
21/05/2018 17:51	0.01	0.01	0.01	1.5	16.81	8.31E+02
21/05/2018 18:06	0.01	0.01	0.01	1.4	16.91	8.36E+02
21/05/2018 18:21	0.01	0.01	0.01	1.33	16.99	8.40E+02
21/05/2018 18:36	0.01	0.01	0.01	1.45	16.73	8.04E+02

21/05/2018 18:51	0.01	0.01	0.01	1.5	15.85	7.97E+02
21/05/2018 19:06	0.01	0.01	0.01	1.45	15.08	7.97E+02
21/05/2018 19:21	0.01	0.01	0.01	1.4	14.67	8.00E+02
21/05/2018 19:36	0.01	0.01	0.01	1.32	14.43	8.04E+02
21/05/2018 19:51	0.01	0.01	0.01	1.25	14.24	8.02E+02
21/05/2018 20:06	0.01	0.01	0.01	1.19	14.09	7.98E+02
21/05/2018 20:21	0.01	0.01	0.01	1.11	13.97	8.02E+02
21/05/2018 20:36	0.01	0.01	0.01	1.05	13.94	8.02E+02
21/05/2018 20:51	0.01	0.01	0.01	1.01	13.94	8.07E+02
21/05/2018 21:06	0.01	0.01	0.01	0.98	13.96	8.08E+02
21/05/2018 21:21	0.01	0.01	0.01	0.97	13.99	8.04E+02
21/05/2018 21:36	0.01	0.01	0.01	0.93	14.01	8.07E+02
21/05/2018 21:51	0.01	0.01	0.01	0.92	14.04	8.01E+02
21/05/2018 22:06	0.01	0.01	0.01	0.94	14.08	8.01E+02
21/05/2018 22:21	0.01	0.01	0.01	0.95	14.12	8.02E+02
21/05/2018 22:36	0.01	0.01	0.01	0.94	14.14	8.04E+02
21/05/2018 22:51	0.01	0.01	0.01	0.91	14.16	8.03E+02
21/05/2018 23:06	0.01	0.01	0.01	0.91	14.17	8.06E+02
21/05/2018 23:21	0.01	0.01	0.01	0.88	14.17	8.05E+02
21/05/2018 23:36	0.01	0.01	0.01	0.9	14.25	7.95E+02
21/05/2018 23:51	0.01	0.01	0.01	0.97	14.02	8.00E+02
22/05/2018 00:06	0.01	0.01	0.01	0.68	13.53	7.99E+02
22/05/2018 00:21	0.01	0.01	0.01	0.79	13.46	8.02E+02
22/05/2018 00:36	0.01	0.01	0.01	0.81	13.42	7.93E+02
22/05/2018 00:51	0.01	0.01	0.01	0.86	13.41	7.92E+02
22/05/2018 01:06	0.01	0.01	0.01	0.89	13.39	8.03E+02
22/05/2018 01:21	0.01	0.01	0.01	0.9	13.37	7.91E+02
22/05/2018 01:36	0.01	0.01	0.01	0.94	13.37	8.08E+02
22/05/2018 01:51	0.01	0.01	0.01	0.93	13.35	8.03E+02
22/05/2018 02:06	0.01	0.01	0.01	0.93	13.35	8.03E+02
22/05/2018 02:21	0.01	0.01	0.01	0.93	13.34	8.02E+02
22/05/2018 02:36	0.01	0.01	0.01	0.96	13.36	8.07E+02
22/05/2018 02:51	0.01	0.01	0.01	0.97	13.37	8.06E+02
22/05/2018 03:06	0.01	0.01	0.01	0.97	13.37	8.08E+02
22/05/2018 03:21	0.01	0.01	0.01	0.98	13.36	8.02E+02
22/05/2018 03:36	0.01	0.01	0.01	0.98	13.35	8.03E+02
22/05/2018 03:51	0.01	0.01	0.01	0.98	13.32	8.04E+02
22/05/2018 04:06	0.01	0.01	0.01	0.98	13.26	8.03E+02
22/05/2018 04:21	0.01	0.01	0.01	0.99	13.32	8.03E+02
22/05/2018 04:36	0.01	0.01	0.01	0.99	13.28	8.06E+02
22/05/2018 04:51	0.01	0.01	0.01	0.99	13.19	8.02E+02
22/05/2018 05:06	0.01	0.01	0.01	0.99	13.12	8.07E+02
22/05/2018 05:21	0.01	0.01	0.01	1	13.07	8.07E+02
22/05/2018 05:36	0.01	0.01	0.01	1	13.05	7.96E+02
22/05/2018 05:51	0.01	0.01	0.01	1.01	13.05	8.05E+02
22/05/2018 06:06	0.01	0.01	0.01	1.01	13.05	8.04E+02
22/05/2018 06:21	0.01	0.01	0.01	1.03	13.05	8.04E+02
22/05/2018 06:36	0.01	0.01	0.01	1.03	13.05	8.03E+02
22/05/2018 06:51	0.01	0.01	0.01	1.03	13.05	8.01E+02
22/05/2018 07:06	0.01	0.01	0.01	1.03	13.05	8.01E+02

22/05/2018 07:21	0.01	0.01	0.01	1.01	13.09	8.06E+02
22/05/2018 07:36	0.01	0.01	0.01	1.03	13.23	8.08E+02
22/05/2018 07:51	0.01	0.01	0.01	1.04	13.24	8.05E+02
22/05/2018 08:06	0.01	0.01	0.01	1.06	13.23	8.00E+02
22/05/2018 08:21	0.01	0.01	0.01	1.06	13.22	7.99E+02
22/05/2018 08:36	0.01	0.01	0.01	1.11	13.26	8.02E+02
22/05/2018 08:51	0.01	0.01	0.01	1.15	13.31	8.04E+02
22/05/2018 09:06	0.01	0.01	0.01	1.21	13.45	7.99E+02
22/05/2018 09:21	0.01	0.01	0.01	1.23	13.51	7.96E+02
22/05/2018 09:36	0.01	0.01	0.01	1.32	13.63	8.00E+02
22/05/2018 09:51	0.01	0.01	0.01	1.4	13.79	8.06E+02
22/05/2018 10:06	0.01	0.01	0.01	1.5	14.02	8.10E+02
22/05/2018 10:21	0.01	0.01	0.01	1.58	14.52	8.11E+02
22/05/2018 10:36	0.01	0.01	0.01	1.72	14.99	8.11E+02
22/05/2018 10:51	0.01	0.01	0.01	1.75	15.34	8.20E+02
22/05/2018 11:06	0.01	0.01	0.01	1.74	15.64	8.22E+02
22/05/2018 11:21	0.01	0.01	0.01	1.7	15.86	8.27E+02
22/05/2018 11:36	0.01	0.01	0.01	1.6	15.97	8.29E+02
22/05/2018 11:51	0.01	0.01	0.01	1.64	16.27	8.34E+02
22/05/2018 12:06	0.01	0.01	0.01	1.65	16.56	8.33E+02
22/05/2018 12:21	0.01	0.01	0.01	1.8	16.45	8.17E+02
22/05/2018 12:36	0.01	0.01	0.01	1.94	16.08	8.09E+02
22/05/2018 12:51	0.01	0.01	0.01	2	15.65	8.05E+02
22/05/2018 13:06	0.01	0.01	0.01	2.02	15.41	8.07E+02
22/05/2018 13:21	0.01	0.01	0.01	1.94	15.07	8.00E+02
22/05/2018 13:36	0.01	0.01	0.01	1.92	14.84	8.04E+02
22/05/2018 13:51	0.01	0.01	0.01	1.96	14.87	8.07E+02
22/05/2018 14:06	0.01	0.01	0.01	1.91	14.94	7.99E+02
22/05/2018 14:21	0.01	0.01	0.01	1.95	14.93	8.05E+02
22/05/2018 14:36	0.01	0.01	0.01	1.88	14.93	7.92E+02
22/05/2018 15:12	0.01	0.01	0.01	1.95	15.65	8.10E+02
22/05/2018 15:27	0.01	0.01	0.01	1.8	15.68	8.13E+02
22/05/2018 15:42	0.01	0.01	0.01	1.76	15.91	8.27E+02
22/05/2018 15:57	0.01	0.01	0.01	1.74	16.13	8.22E+02
22/05/2018 16:12	0.01	0.01	0.01	1.83	16.14	8.06E+02
22/05/2018 16:27	0.01	0.01	0.01	1.88	15.65	8.02E+02
22/05/2018 16:42	0.01	0.01	0.01	1.74	14.93	8.03E+02
22/05/2018 16:57	0.01	0.01	0.01	1.62	14.51	8.04E+02
22/05/2018 17:12	0.01	0.01	0.01	1.56	14.3	8.05E+02
22/05/2018 17:27	0.01	0.01	0.01	1.54	14.21	8.05E+02
22/05/2018 17:42	0.01	0.01	0.01	1.52	14.15	8.07E+02
22/05/2018 17:57	0.01	0.01	0.01	1.46	14.08	8.05E+02
22/05/2018 18:12	0.01	0.01	0.01	1.43	14.02	8.06E+02
22/05/2018 18:27	0.01	0.01	0.01	1.41	13.96	8.03E+02
22/05/2018 18:42	0.01	0.01	0.01	1.37	13.97	8.02E+02
22/05/2018 18:57	0.01	0.01	0.01	1.36	14.04	7.99E+02
22/05/2018 19:12	0.01	0.01	0.01	1.35	14.14	8.07E+02
22/05/2018 19:27	0.01	0.01	0.01	1.34	14.24	8.10E+02
22/05/2018 19:42	0.01	0.01	0.01	1.32	14.32	8.14E+02
22/05/2018 19:57	0.01	0.01	0.01	1.28	14.38	8.07E+02

22/05/2018 20:12	0.01	0.01	0.01	1.25	14.43	8.04E+02
22/05/2018 20:27	0.01	0.01	0.01	1.23	14.47	7.98E+02
22/05/2018 20:42	0.01	0.01	0.01	1.19	14.49	8.01E+02
22/05/2018 20:57	0.01	0.01	0.01	1.14	14.48	8.04E+02
22/05/2018 21:12	0.01	0.01	0.01	1.12	14.46	8.05E+02
22/05/2018 21:27	0.01	0.01	0.01	1.12	14.43	8.05E+02
22/05/2018 21:42	0.01	0.01	0.01	1.12	14.4	8.04E+02
22/05/2018 21:57	0.01	0.01	0.01	1.06	14.32	8.05E+02
22/05/2018 22:12	0.01	0.01	0.01	1.06	14.21	8.06E+02
22/05/2018 22:27	0.01	0.01	0.01	1.03	14.1	8.07E+02
22/05/2018 22:42	0.01	0.01	0.01	1.05	14.05	8.08E+02
22/05/2018 22:57	0.01	0.01	0.01	1.13	13.73	7.98E+02
22/05/2018 23:12	0.01	0.01	0.01	1.16	13.43	8.06E+02
22/05/2018 23:27	0.01	0.01	0.01	1.17	13.26	8.02E+02
22/05/2018 23:42	0.01	0.01	0.01	1.2	13.14	8.03E+02
22/05/2018 23:57	0.01	0.01	0.01	1.2	13.04	7.97E+02
23/05/2018 00:12	0.01	0.01	0.01	1.18	12.94	8.08E+02
23/05/2018 00:27	0.01	0.01	0.01	1.2	12.89	8.06E+02
23/05/2018 00:42	0.01	0.01	0.01	1.2	12.87	8.10E+02
23/05/2018 00:57	0.01	0.01	0.01	1.2	12.84	8.01E+02
23/05/2018 01:12	0.01	0.01	0.01	1.19	12.79	8.01E+02
23/05/2018 01:27	0.01	0.01	0.01	1.19	12.73	8.00E+02
23/05/2018 01:42	0.01	0.01	0.01	1.21	12.68	8.12E+02
23/05/2018 01:57	0.01	0.01	0.01	1.21	12.64	8.00E+02
23/05/2018 02:12	0.01	0.01	0.01	1.2	12.58	8.08E+02
23/05/2018 02:27	0.01	0.01	0.01	1.23	12.54	8.04E+02
23/05/2018 02:42	0.01	0.01	0.01	1.22	12.51	8.07E+02
23/05/2018 02:57	0.01	0.01	0.01	1.21	12.51	8.05E+02
23/05/2018 03:12	0.01	0.01	0.01	1.2	12.67	8.09E+02
23/05/2018 03:27	0.01	0.01	0.01	1.22	12.7	8.01E+02
23/05/2018 03:42	0.01	0.01	0.01	1.23	12.71	8.03E+02
23/05/2018 03:57	0.01	0.01	0.01	1.23	12.72	8.05E+02
23/05/2018 04:12	0.01	0.01	0.01	1.26	12.73	7.98E+02
23/05/2018 04:27	0.01	0.01	0.01	1.25	12.74	8.04E+02
23/05/2018 04:42	0.01	0.01	0.01	1.25	12.73	7.96E+02
23/05/2018 04:57	0.01	0.01	0.01	1.25	12.69	8.07E+02
23/05/2018 05:12	0.01	0.01	0.01	1.26	12.65	7.94E+02
23/05/2018 05:27	0.01	0.01	0.01	1.27	12.63	7.97E+02
23/05/2018 05:42	0.01	0.01	0.01	1.26	12.59	8.00E+02
23/05/2018 05:57	0.01	0.01	0.01	1.27	12.56	8.03E+02
23/05/2018 06:12	0.01	0.01	0.01	1.26	12.52	8.01E+02
23/05/2018 06:27	0.01	0.01	0.01	1.25	12.48	8.04E+02
23/05/2018 06:42	0.01	0.01	0.01	1.27	12.46	8.00E+02
23/05/2018 06:57	0.01	0.01	0.01	1.26	12.45	8.05E+02
23/05/2018 07:12	0.01	0.01	0.01	1.27	12.45	8.07E+02
23/05/2018 07:27	0.01	0.01	0.01	1.25	12.66	8.02E+02
23/05/2018 07:42	0.01	0.01	0.01	1.25	12.72	8.00E+02
23/05/2018 08:06	0.01	0.01	0.01	1.32	13.03	8.02E+02
23/05/2018 08:21	0.01	0.01	0.01	1.78	13.22	7.95E+02
23/05/2018 08:36	0.01	0.01	0.01	1.75	13.26	7.90E+02

23/05/2018 08:51	0.01	0.01	0.01	1.72	13.31	8.03E+02
23/05/2018 09:06	0.01	0.01	0.01	1.69	13.36	7.97E+02
23/05/2018 09:21	0.01	0.01	0.01	1.68	13.51	7.99E+02
23/05/2018 09:36	0.01	0.01	0.01	1.64	13.65	8.01E+02
23/05/2018 09:51	0.01	0.01	0.01	1.68	13.93	8.02E+02
23/05/2018 10:35	0.08	0.01	0.72	2.29	16.99	7.89E+02
23/05/2018 10:50	0.01	0.01	0.51	2.14	17.08	7.91E+02
23/05/2018 11:05	0.01	0.01	0.01	1.66	17.08	8.05E+02
23/05/2018 11:20	0.01	0.01	0.01	1.46	17.02	8.18E+02
23/05/2018 11:35	0.01	0.01	0.01	1.67	16.55	7.99E+02
23/05/2018 11:50	0.01	0.01	0.01	1.81	15.96	7.94E+02
23/05/2018 12:05	0.01	0.01	0.01	1.96	15.56	7.90E+02
23/05/2018 12:20	0.01	0.01	0.34	2.09	15.16	7.89E+02
23/05/2018 12:35	0.01	0.01	0.55	2.15	14.99	7.84E+02
23/05/2018 12:50	0.01	0.01	0.68	2.18	15.09	7.91E+02
23/05/2018 13:05	0.01	0.01	0.78	2.21	15.21	7.90E+02
23/05/2018 13:20	0.01	0.01	0.79	2.2	15.17	7.91E+02
23/05/2018 13:35	0.01	0.01	0.65	2.2	15.13	7.94E+02
23/05/2018 13:50	0.01	0.01	0.57	2.23	15.12	7.89E+02
23/05/2018 14:05	0.01	0.01	0.62	2.23	15.21	7.92E+02
23/05/2018 14:20	0.01	0.01	0.44	2.18	15.18	7.90E+02
23/05/2018 14:35	0.01	0.01	0.41	2.19	15.27	7.93E+02
23/05/2018 14:50	0.01	0.01	0.22	2.16	15.28	7.96E+02
23/05/2018 15:05	0.01	0.01	0.32	2.16	15.35	7.93E+02
23/05/2018 15:20	0.01	0.01	0.37	2.17	15.4	7.94E+02
23/05/2018 15:35	0.01	0.01	0.25	2.16	15.59	7.99E+02
23/05/2018 15:50	0.01	0.01	0.24	2.14	16.12	8.06E+02
23/05/2018 16:05	0.01	0.01	0.22	2.14	16.58	8.11E+02
23/05/2018 16:20	0.01	0.01	0.1	2.12	17.03	8.24E+02
23/05/2018 16:35	0.01	0.01	0.01	2.08	17.48	8.25E+02
23/05/2018 16:50	0.01	0.01	0.01	2.03	17.95	8.32E+02
23/05/2018 17:05	0.01	0.01	0.01	1.95	18.02	8.24E+02
23/05/2018 17:20	0.01	0.01	0.01	1.99	17.23	7.97E+02
23/05/2018 17:35	0.01	0.01	0.01	1.89	16.03	8.03E+02
23/05/2018 17:50	0.01	0.01	0.01	1.79	15.25	7.83E+02
23/05/2018 18:05	0.01	0.01	0.01	1.67	14.8	7.97E+02
23/05/2018 18:20	0.01	0.01	0.01	1.54	14.6	8.06E+02
23/05/2018 18:35	0.01	0.01	0.01	1.46	14.62	8.04E+02
23/05/2018 18:50	0.01	0.01	0.01	1.44	14.73	8.02E+02
23/05/2018 19:05	0.01	0.01	0.01	1.37	14.8	7.98E+02
23/05/2018 19:20	0.01	0.01	0.01	1.28	14.81	7.94E+02
23/05/2018 19:35	0.01	0.01	0.01	1.22	14.86	7.97E+02
23/05/2018 19:50	0.01	0.01	0.01	1.16	14.89	8.02E+02
23/05/2018 20:05	0.01	0.01	0.01	1.12	14.9	8.11E+02
23/05/2018 20:20	0.01	0.01	0.01	1.03	14.9	8.08E+02
23/05/2018 20:35	0.01	0.01	0.01	0.98	14.89	8.11E+02
23/05/2018 20:50	0.01	0.01	0.01	0.93	14.88	8.10E+02
23/05/2018 21:05	0.01	0.01	0.01	0.88	14.86	8.13E+02
23/05/2018 21:20	0.01	0.01	0.01	0.86	14.84	8.15E+02
23/05/2018 21:35	0.01	0.01	0.01	0.84	14.82	8.11E+02

23/05/2018 21:50	0.01	0.01	0.01	0.79	14.85	8.13E+02
23/05/2018 22:05	0.01	0.01	0.01	0.78	14.5	8.14E+02
23/05/2018 22:20	0.01	0.01	0.01	0.85	13.94	8.01E+02
23/05/2018 22:35	0.01	0.01	0.01	0.86	13.63	8.03E+02
23/05/2018 22:50	0.01	0.01	0.01	0.85	13.46	8.03E+02
23/05/2018 23:05	0.01	0.01	0.01	0.84	13.34	8.07E+02
23/05/2018 23:20	0.01	0.01	0.01	0.81	13.25	8.08E+02
23/05/2018 23:35	0.01	0.01	0.01	0.79	13.17	8.05E+02
23/05/2018 23:50	0.01	0.01	0.01	0.78	13.09	8.07E+02
24/05/2018 00:05	0.01	0.01	0.01	0.76	13.04	8.07E+02
24/05/2018 00:20	0.01	0.01	0.01	0.74	12.98	8.07E+02
24/05/2018 00:35	0.01	0.01	0.01	0.73	12.92	8.08E+02
24/05/2018 00:50	0.01	0.01	0.01	0.66	12.8	8.04E+02
24/05/2018 01:05	0.01	0.01	0.01	0.51	12.62	7.98E+02
24/05/2018 01:20	0.01	0.01	0.01	0.44	12.51	8.01E+02
24/05/2018 01:35	0.01	0.01	0.01	0.47	12.48	7.98E+02
24/05/2018 01:50	0.01	0.01	0.01	0.49	12.53	8.07E+02
24/05/2018 02:05	0.01	0.01	0.01	0.54	12.69	8.04E+02
24/05/2018 02:20	0.01	0.01	0.01	0.62	12.69	8.03E+02
24/05/2018 02:35	0.01	0.01	0.01	0.65	12.64	8.00E+02
24/05/2018 02:50	0.01	0.01	0.01	0.65	12.6	8.01E+02
24/05/2018 03:05	0.01	0.01	0.01	0.68	12.55	8.01E+02
24/05/2018 03:20	0.01	0.01	0.01	0.68	12.51	8.01E+02
24/05/2018 03:35	0.01	0.01	0.01	0.72	12.51	8.04E+02
24/05/2018 03:50	0.01	0.01	0.01	0.71	12.5	8.00E+02
24/05/2018 04:05	0.01	0.01	0.01	0.73	12.5	8.00E+02
24/05/2018 04:20	0.01	0.01	0.01	0.73	12.48	7.95E+02
24/05/2018 04:35	0.01	0.01	0.01	0.74	12.45	8.04E+02
24/05/2018 04:50	0.01	0.01	0.01	0.73	12.39	8.03E+02
24/05/2018 05:05	0.01	0.01	0.01	0.74	12.31	8.06E+02
24/05/2018 05:20	0.01	0.01	0.01	0.74	12.22	7.98E+02
24/05/2018 05:34	0.01	0.01	0.01	0.74	12.12	8.00E+02
24/05/2018 05:49	0.01	0.01	0.01	0.75	12.05	8.01E+02
24/05/2018 06:04	0.01	0.01	0.01	0.79	11.97	7.98E+02
24/05/2018 06:19	0.01	0.01	0.01	0.8	11.89	7.96E+02
24/05/2018 06:34	0.01	0.01	0.01	0.83	11.85	7.96E+02
24/05/2018 06:49	0.01	0.01	0.01	0.86	11.83	7.98E+02
24/05/2018 07:04	0.01	0.01	0.01	0.86	11.83	7.96E+02
24/05/2018 07:19	0.01	0.01	0.01	0.84	11.97	8.01E+02
24/05/2018 07:34	0.01	0.01	0.01	0.87	12.21	7.99E+02
24/05/2018 07:49	0.01	0.01	0.01	0.88	12.32	7.98E+02
24/05/2018 08:04	0.01	0.01	0.01	0.9	12.4	8.05E+02
24/05/2018 08:19	0.01	0.01	0.01	0.95	12.51	7.96E+02
24/05/2018 08:34	0.01	0.01	0.01	1.03	12.66	7.89E+02
24/05/2018 08:49	0.01	0.01	0.01	1.09	12.76	7.98E+02
24/05/2018 09:04	0.01	0.01	0.01	1.13	12.88	7.92E+02
24/05/2018 09:19	0.01	0.01	0.01	1.25	13.17	8.02E+02
24/05/2018 09:34	0.01	0.01	0.01	1.39	13.58	8.05E+02
24/05/2018 09:49	0.01	0.01	0.01	1.53	14.09	8.10E+02
24/05/2018 10:04	0.01	0.01	0.01	1.62	14.63	8.01E+02

24/05/2018 10:19	0.01	0.01	0.01	1.69	15.19	8.26E+02
24/05/2018 10:34	0.01	0.01	0.01	1.71	15.69	8.25E+02
24/05/2018 10:49	0.01	0.01	0.01	1.81	15.77	8.05E+02
24/05/2018 11:04	0.01	0.01	0.01	1.88	15.53	8.02E+02
24/05/2018 11:19	0.01	0.01	0.01	1.86	15.73	8.04E+02
24/05/2018 11:34	0.01	0.01	0.01	1.86	15.99	8.04E+02
24/05/2018 11:49	0.01	0.01	0.01	1.89	15.75	8.01E+02
24/05/2018 12:04	0.01	0.01	0.01	1.84	15.15	7.98E+02
24/05/2018 12:19	0.01	0.01	0.01	1.77	14.7	7.88E+02
24/05/2018 12:34	0.01	0.01	0.01	1.73	14.48	7.98E+02
24/05/2018 12:49	0.01	0.01	0.01	1.7	14.36	7.86E+02
24/05/2018 13:04	0.01	0.01	0.01	1.68	14.3	8.01E+02
24/05/2018 13:19	0.01	0.01	0.01	1.66	14.26	7.97E+02
24/05/2018 13:34	0.01	0.01	0.01	1.64	14.25	7.98E+02
24/05/2018 13:49	0.01	0.01	0.01	1.65	14.3	8.00E+02
24/05/2018 14:04	0.01	0.01	0.01	1.65	14.3	7.97E+02
24/05/2018 14:19	0.01	0.01	0.01	1.64	14.34	8.02E+02
24/05/2018 14:34	0.01	0.01	0.01	1.58	14.41	7.99E+02
24/05/2018 14:49	0.01	0.01	0.01	1.68	14.56	8.00E+02
24/05/2018 15:04	0.01	0.01	0.01	1.73	14.66	7.98E+02
24/05/2018 15:19	0.01	0.01	0.01	1.73	14.7	8.04E+02
24/05/2018 15:34	0.01	0.01	0.01	1.74	14.69	8.01E+02
24/05/2018 15:49	0.01	0.01	0.01	1.73	14.66	8.01E+02
24/05/2018 16:04	0.01	0.01	0.01	1.7	14.62	8.02E+02
24/05/2018 16:19	0.01	0.01	0.01	1.61	14.7	7.97E+02
24/05/2018 16:34	0.01	0.01	0.01	1.57	14.84	8.05E+02
24/05/2018 16:49	0.01	0.01	0.01	1.53	14.97	8.06E+02
24/05/2018 17:04	0.01	0.01	0.01	1.55	15.17	8.10E+02
24/05/2018 17:19	0.01	0.01	0.01	1.57	15.36	8.13E+02
24/05/2018 17:34	0.01	0.01	0.01	1.56	15.53	8.18E+02
24/05/2018 17:49	0.01	0.01	0.01	1.55	15.69	8.17E+02
24/05/2018 18:04	0.01	0.01	0.01	1.5	15.85	8.16E+02
24/05/2018 18:19	0.01	0.01	0.01	1.49	15.94	8.13E+02
24/05/2018 18:34	0.01	0.01	0.01	1.54	15.79	8.10E+02
24/05/2018 18:49	0.01	0.01	0.01	1.53	15.12	8.06E+02
24/05/2018 19:04	0.01	0.01	0.01	1.5	14.62	8.03E+02
24/05/2018 19:19	0.01	0.01	0.01	1.46	14.33	7.95E+02
24/05/2018 19:34	0.01	0.01	0.01	1.38	14.18	8.01E+02
24/05/2018 19:49	0.01	0.01	0.01	1.35	14.21	7.99E+02
24/05/2018 20:04	0.01	0.01	0.01	1.29	14.26	8.02E+02
24/05/2018 20:19	0.01	0.01	0.01	1.24	14.31	7.99E+02
24/05/2018 20:34	0.01	0.01	0.01	1.24	14.35	7.99E+02
24/05/2018 20:49	0.01	0.01	0.01	1.21	14.38	7.90E+02
24/05/2018 21:04	0.01	0.01	0.01	1.18	14.41	7.92E+02
24/05/2018 21:19	0.01	0.01	0.01	1.17	14.43	7.88E+02
24/05/2018 21:34	0.01	0.01	0.01	1.12	14.42	7.97E+02
24/05/2018 21:49	0.01	0.01	0.01	1.09	14.42	8.02E+02
24/05/2018 22:04	0.01	0.01	0.01	1.06	14.41	8.03E+02
24/05/2018 22:19	0.01	0.01	0.01	1.06	14.4	8.07E+02
24/05/2018 22:34	0.01	0.01	0.01	1.04	14.36	8.09E+02

24/05/2018 22:49	0.01	0.01	0.01	1.04	14.32	8.09E+02
24/05/2018 23:04	0.01	0.01	0.01	1.03	14.29	8.12E+02
24/05/2018 23:19	0.01	0.01	0.01	1.04	14.23	8.04E+02
24/05/2018 23:34	0.01	0.01	0.01	1.08	13.84	7.94E+02
24/05/2018 23:49	0.01	0.01	0.01	1.1	13.6	7.95E+02
25/05/2018 00:04	0.01	0.01	0.01	1.11	13.47	7.97E+02
25/05/2018 00:19	0.01	0.01	0.01	1.12	13.39	7.98E+02
25/05/2018 00:34	0.01	0.01	0.01	1.13	13.35	7.96E+02
25/05/2018 00:49	0.01	0.01	0.01	1.13	13.32	7.94E+02
25/05/2018 01:04	0.01	0.01	0.01	1.13	13.28	8.02E+02
25/05/2018 01:19	0.01	0.01	0.01	1.13	13.26	7.93E+02
25/05/2018 01:34	0.01	0.01	0.01	1.12	13.24	8.02E+02
25/05/2018 01:49	0.01	0.01	0.01	1.02	13.14	8.06E+02
25/05/2018 02:04	0.01	0.01	0.01	1	13.1	8.03E+02
25/05/2018 02:19	0.01	0.01	0.01	1	13.09	8.00E+02
25/05/2018 02:34	0.01	0.01	0.01	0.99	13.08	8.04E+02
25/05/2018 02:49	0.01	0.01	0.01	0.99	13.06	8.04E+02
25/05/2018 03:04	0.01	0.01	0.01	1.01	13.05	7.92E+02
25/05/2018 03:19	0.01	0.01	0.01	0.99	13.02	7.98E+02
25/05/2018 03:34	0.01	0.01	0.01	0.98	12.98	8.03E+02
25/05/2018 03:49	0.01	0.01	0.01	0.98	12.94	7.99E+02
25/05/2018 04:04	0.01	0.01	0.01	0.98	12.94	8.05E+02
25/05/2018 04:19	0.01	0.01	0.01	0.99	13.11	8.01E+02
25/05/2018 04:34	0.01	0.01	0.01	1.02	13.08	8.03E+02
25/05/2018 04:49	0.01	0.01	0.01	1.03	13.02	7.99E+02
25/05/2018 05:04	0.01	0.01	0.01	1.04	12.95	8.00E+02
25/05/2018 05:19	0.01	0.01	0.01	1.03	12.89	8.02E+02
25/05/2018 05:34	0.01	0.01	0.01	1.03	12.84	7.94E+02
25/05/2018 05:49	0.01	0.01	0.01	1.04	12.79	7.97E+02
25/05/2018 06:04	0.01	0.01	0.01	1.05	12.73	7.97E+02
25/05/2018 06:19	0.01	0.01	0.01	1.05	12.68	8.05E+02
25/05/2018 06:34	0.01	0.01	0.01	1.05	12.64	8.08E+02
25/05/2018 06:49	0.01	0.01	0.01	1.06	12.61	7.97E+02
25/05/2018 07:04	0.01	0.01	0.01	1.06	12.6	8.03E+02
25/05/2018 07:19	0.01	0.01	0.01	1.07	12.6	8.08E+02
25/05/2018 07:34	0.01	0.01	0.01	1.06	12.68	7.99E+02
25/05/2018 07:49	0.01	0.01	0.01	1.08	12.88	8.02E+02
25/05/2018 08:04	0.01	0.01	0.01	1.1	12.94	7.96E+02
25/05/2018 08:19	0.01	0.01	0.01	1.14	12.98	8.01E+02
25/05/2018 08:49	0.01	0.01	0.01	0.9	13.1	8.15E+02
25/05/2018 09:04	0.01	0.01	0.01	1.72	13.75	7.74E+02
25/05/2018 09:19	0.01	0.01	0.01	1.65	13.85	7.63E+02
25/05/2018 09:34	0.01	0.01	0.01	1.68	14.03	7.66E+02
25/05/2018 09:49	0.01	0.01	0.01	1.75	14.34	7.69E+02
25/05/2018 10:04	0.01	0.01	0.01	1.77	14.7	7.75E+02
25/05/2018 10:19	0.01	0.01	0.01	1.87	15.12	7.78E+02
25/05/2018 10:34	0.01	0.01	0.01	1.94	15.48	7.83E+02
25/05/2018 10:49	0.01	0.01	0.01	1.93	15.77	7.82E+02
25/05/2018 11:04	0.01	0.01	0.01	1.94	16.03	7.80E+02
25/05/2018 11:19	0.01	0.01	0.01	1.92	16.23	7.77E+02

25/05/2018 11:34	0.01	0.01	0.01	1.95	16.23	7.70E+02
25/05/2018 11:49	0.01	0.01	0.01	1.94	15.81	7.79E+02
25/05/2018 12:04	0.01	0.01	0.01	1.91	15.17	7.73E+02
25/05/2018 12:19	0.02	0.01	0.01	1.89	14.76	7.76E+02
25/05/2018 12:34	0.01	0.01	0.01	1.83	14.5	7.63E+02
25/05/2018 12:49	0.01	0.01	0.01	1.75	14.32	7.70E+02
25/05/2018 13:04	0.01	0.01	0.01	1.7	14.19	7.63E+02
25/05/2018 13:19	0.01	0.01	0.01	1.68	14.12	7.73E+02
25/05/2018 13:34	0.01	0.01	0.01	1.63	14.06	7.73E+02
25/05/2018 13:49	0.01	0.01	0.01	1.59	13.99	7.76E+02
25/05/2018 14:04	0.01	0.01	0.01	1.56	13.97	7.76E+02
25/05/2018 14:19	0.01	0.01	0.01	1.57	13.98	7.74E+02
25/05/2018 14:34	0.01	0.01	0.01	1.54	13.96	7.78E+02
25/05/2018 14:49	0.01	0.01	0.01	1.49	13.91	7.76E+02
25/05/2018 15:04	0.01	0.01	0.01	1.44	13.86	7.67E+02
25/05/2018 15:19	0.01	0.01	0.01	1.39	13.83	7.71E+02
25/05/2018 15:34	0.01	0.01	0.01	1.4	13.84	7.82E+02
25/05/2018 15:49	0.01	0.01	0.01	1.43	14	7.80E+02
25/05/2018 16:04	0.01	0.01	0.01	1.45	14.17	7.74E+02
25/05/2018 16:19	0.01	0.01	0.01	1.49	14.39	7.81E+02
25/05/2018 16:34	0.01	0.01	0.01	1.5	14.62	7.77E+02
25/05/2018 16:49	0.01	0.01	0.01	1.58	14.91	7.70E+02
25/05/2018 17:04	0.01	0.01	0.01	1.62	15.16	7.79E+02
25/05/2018 17:19	0.01	0.01	0.01	1.56	15.18	7.77E+02
25/05/2018 17:34	0.01	0.01	0.01	1.59	14.86	7.70E+02
25/05/2018 17:49	0.01	0.01	0.01	1.61	14.57	7.78E+02
25/05/2018 18:04	0.01	0.01	0.01	1.59	14.4	7.69E+02
25/05/2018 18:19	0.01	0.01	0.01	1.52	14.3	7.81E+02
25/05/2018 18:34	0.01	0.01	0.01	1.48	14.37	7.80E+02
25/05/2018 18:49	0.01	0.01	0.01	1.43	14.47	7.81E+02
25/05/2018 19:04	0.01	0.01	0.01	1.41	14.57	7.82E+02
25/05/2018 19:19	0.01	0.01	0.01	1.36	14.65	7.79E+02
25/05/2018 19:34	0.01	0.01	0.01	1.33	14.74	7.85E+02
25/05/2018 19:49	0.01	0.01	0.01	1.3	14.8	7.85E+02
25/05/2018 20:04	0.01	0.01	0.01	1.24	14.87	7.82E+02
25/05/2018 20:19	0.01	0.01	0.01	1.21	14.92	7.78E+02
25/05/2018 20:34	0.01	0.01	0.01	1.15	14.95	7.77E+02
25/05/2018 20:49	0.01	0.01	0.01	1.13	14.98	7.80E+02
25/05/2018 21:04	0.01	0.01	0.01	1.1	14.98	7.83E+02
25/05/2018 21:19	0.01	0.01	0.01	1.08	14.97	7.83E+02
25/05/2018 21:34	0.01	0.01	0.01	1.04	14.93	7.81E+02
25/05/2018 21:49	0.01	0.01	0.01	1.01	14.88	7.77E+02
25/05/2018 22:04	0.01	0.01	0.01	0.99	14.83	7.76E+02
25/05/2018 22:19	0.01	0.01	0.01	0.95	14.77	7.74E+02
25/05/2018 22:34	0.01	0.01	0.01	0.94	14.7	7.78E+02
25/05/2018 22:49	0.01	0.01	0.01	0.95	14.37	7.75E+02
25/05/2018 23:04	0.01	0.01	0.01	1	13.76	7.84E+02
25/05/2018 23:19	0.01	0.01	0.01	1.02	13.42	7.79E+02
25/05/2018 23:34	0.01	0.01	0.01	1.02	13.26	7.80E+02
25/05/2018 23:49	0.01	0.01	0.01	1.01	13.19	7.75E+02

26/05/2018 00:04	0.01	0.01	0.01	1.01	13.15	7.74E+02
26/05/2018 00:19	0.01	0.01	0.01	1.05	13.1	7.76E+02
26/05/2018 00:34	0.01	0.01	0.01	1.01	13.05	7.78E+02
26/05/2018 00:49	0.01	0.01	0.01	1.01	13.02	7.74E+02
26/05/2018 01:04	0.01	0.01	0.01	1.01	13	7.77E+02
26/05/2018 01:19	0.01	0.01	0.01	1.01	12.97	7.80E+02
26/05/2018 01:34	0.01	0.01	0.01	1	12.94	7.75E+02
26/05/2018 01:49	0.01	0.01	0.01	1.01	12.9	7.75E+02
26/05/2018 02:04	0.01	0.01	0.01	1.01	12.87	7.77E+02
26/05/2018 02:19	0.01	0.01	0.01	1	12.83	7.74E+02
26/05/2018 02:34	0.01	0.01	0.01	0.99	12.79	7.76E+02
26/05/2018 02:49	0.01	0.01	0.01	0.99	12.73	7.75E+02
26/05/2018 03:04	0.01	0.01	0.01	0.99	12.66	7.77E+02
26/05/2018 03:19	0.01	0.01	0.01	0.99	12.6	7.76E+02
26/05/2018 03:34	0.01	0.01	0.01	0.99	12.53	7.70E+02
26/05/2018 03:49	0.01	0.01	0.01	0.99	12.46	7.73E+02
26/05/2018 04:04	0.01	0.01	0.01	0.99	12.38	7.71E+02
26/05/2018 04:19	0.01	0.01	0.01	1	12.31	7.68E+02
26/05/2018 04:34	0.01	0.01	0.01	1	12.24	7.69E+02
26/05/2018 04:49	0.01	0.01	0.01	0.99	12.18	7.70E+02
26/05/2018 05:04	0.01	0.01	0.01	1.02	12.13	7.59E+02
26/05/2018 05:19	0.01	0.01	0.01	0.99	12.05	7.68E+02
26/05/2018 05:34	0.01	0.01	0.01	0.98	12	7.70E+02
26/05/2018 05:49	0.01	0.01	0.01	0.96	12.05	7.75E+02
26/05/2018 06:04	0.01	0.01	0.01	0.95	12.26	7.74E+02
26/05/2018 06:19	0.01	0.01	0.01	0.96	12.35	7.80E+02
26/05/2018 06:34	0.01	0.01	0.01	0.95	12.4	7.77E+02
26/05/2018 06:49	0.01	0.01	0.01	0.95	12.44	7.77E+02
26/05/2018 07:04	0.01	0.01	0.01	0.96	12.48	7.80E+02
26/05/2018 07:19	0.01	0.01	0.01	0.97	12.51	7.76E+02
26/05/2018 07:34	0.01	0.01	0.01	0.97	12.52	7.78E+02
26/05/2018 07:49	0.01	0.01	0.01	0.98	12.5	7.77E+02
26/05/2018 08:04	0.01	0.01	0.01	0.99	12.48	7.77E+02
26/05/2018 08:19	0.01	0.01	0.01	1.02	12.49	7.75E+02
26/05/2018 08:34	0.01	0.01	0.01	1.07	12.53	7.74E+02
26/05/2018 08:49	0.01	0.01	0.01	1.12	12.6	7.75E+02
26/05/2018 09:04	0.01	0.01	0.01	1.22	12.72	7.74E+02
26/05/2018 09:19	0.01	0.01	0.01	1.31	12.95	7.72E+02
26/05/2018 09:34	0.01	0.01	0.01	1.4	13.53	7.79E+02
26/05/2018 09:49	0.02	0.01	0.01	1.6	13.93	7.78E+02
26/05/2018 10:04	0.05	0.01	0.01	1.66	14.09	7.70E+02
26/05/2018 10:19	0.06	0.01	0.01	1.7	14.26	7.77E+02
26/05/2018 10:34	0.11	0.01	0.01	1.73	14.42	7.67E+02
26/05/2018 10:49	0.14	0.01	0.14	1.76	14.71	7.67E+02
26/05/2018 11:04	0.14	0.01	0.25	1.78	15.21	7.75E+02
26/05/2018 11:19	0.18	0.01	0.28	1.8	15.75	7.85E+02
26/05/2018 11:34	0.17	0.01	0.22	1.82	16.28	7.87E+02
26/05/2018 11:49	0.19	0.01	0.16	1.85	16.8	7.95E+02
26/05/2018 12:04	0.21	0.01	0.01	1.82	17.23	7.92E+02
26/05/2018 12:19	0.2	0.01	0.01	1.87	17.72	8.07E+02

26/05/2018 12:34	0.31	0.01	0.19	1.92	17.08	7.85E+02
26/05/2018 12:49	0.41	0.01	0.01	1.86	15.87	7.81E+02
26/05/2018 13:04	0.35	0.01	0.01	1.83	15.06	7.75E+02
26/05/2018 13:19	0.57	0.01	0.12	1.94	15	7.73E+02
26/05/2018 13:34	0.46	0.01	0.01	1.88	14.84	7.72E+02
26/05/2018 13:49	0.27	0.01	0.01	1.75	14.61	7.76E+02
26/05/2018 14:04	0.22	0.01	0.01	1.71	14.49	7.64E+02
26/05/2018 14:19	0.19	0.01	0.01	1.68	14.41	7.70E+02
26/05/2018 14:34	0.32	0.01	0.01	1.72	14.49	7.70E+02
26/05/2018 14:49	0.34	0.01	0.01	1.73	14.53	7.70E+02
26/05/2018 15:04	0.45	0.01	0.01	1.78	14.67	7.72E+02
26/05/2018 15:19	0.52	0.01	0.01	1.81	14.75	7.63E+02
26/05/2018 15:34	0.52	0.01	0.01	1.82	14.79	7.71E+02
26/05/2018 15:49	0.54	0.01	0.01	1.79	14.78	7.78E+02
26/05/2018 16:04	0.51	0.01	0.16	1.87	14.95	7.61E+02
26/05/2018 16:19	0.52	0.01	0.03	1.84	14.97	7.70E+02
26/05/2018 16:34	0.53	0.01	0.01	1.78	14.88	7.76E+02
26/05/2018 16:49	0.49	0.01	0.01	1.76	14.83	7.79E+02
26/05/2018 17:04	0.47	0.01	0.01	1.75	14.96	7.78E+02
26/05/2018 17:19	0.44	0.01	0.01	1.73	15.14	7.80E+02
26/05/2018 17:34	0.26	0.01	0.01	1.63	15.23	7.88E+02
26/05/2018 17:49	0.1	0.01	0.01	1.55	15.32	7.81E+02
26/05/2018 18:04	0.01	0.01	0.01	1.48	15.41	7.84E+02
26/05/2018 18:19	0.01	0.01	0.01	1.4	15.5	7.85E+02
26/05/2018 18:34	0.01	0.01	0.01	1.35	15.61	7.88E+02
26/05/2018 18:49	0.01	0.01	0.01	1.32	15.71	7.83E+02
26/05/2018 19:04	0.01	0.01	0.01	1.24	15.78	7.85E+02
26/05/2018 19:19	0.01	0.01	0.01	1.19	15.85	7.87E+02
26/05/2018 19:34	0.01	0.01	0.01	1.15	15.91	7.82E+02
26/05/2018 19:49	0.01	0.01	0.01	1.09	15.96	7.92E+02
26/05/2018 20:04	0.01	0.01	0.01	1.13	15.96	7.84E+02
26/05/2018 20:19	0.01	0.01	0.01	1.14	15.26	7.84E+02
26/05/2018 20:34	0.01	0.01	0.01	1.21	14.5	7.82E+02
26/05/2018 20:49	0.01	0.01	0.01	1.22	14.15	7.82E+02
26/05/2018 21:04	0.01	0.01	0.01	1.17	13.98	7.78E+02
26/05/2018 21:19	0.01	0.01	0.01	1.14	13.86	7.75E+02
26/05/2018 21:34	0.01	0.01	0.01	1.12	13.78	7.81E+02
26/05/2018 21:49	0.01	0.01	0.01	1.1	13.73	7.81E+02
26/05/2018 22:04	0.01	0.01	0.01	1.09	13.7	7.80E+02
26/05/2018 22:19	0.01	0.01	0.01	1.07	13.67	7.79E+02
26/05/2018 22:34	0.01	0.01	0.01	1.04	13.65	7.83E+02
26/05/2018 22:49	0.01	0.01	0.01	1.01	13.65	7.77E+02
26/05/2018 23:04	0.01	0.01	0.01	1.01	13.65	7.80E+02
26/05/2018 23:19	0.01	0.01	0.01	0.98	13.66	7.80E+02
26/05/2018 23:34	0.01	0.01	0.01	0.98	13.68	7.81E+02
26/05/2018 23:49	0.01	0.01	0.01	0.97	13.7	7.87E+02
27/05/2018 00:04	0.01	0.01	0.01	0.97	13.72	7.74E+02
27/05/2018 00:19	0.01	0.01	0.01	0.97	13.75	7.78E+02
27/05/2018 00:34	0.01	0.01	0.01	0.94	13.9	7.88E+02
27/05/2018 00:49	0.01	0.01	0.01	0.95	13.92	7.84E+02

27/05/2018 01:04	0.01	0.01	0.01	0.99	13.7	7.80E+02
27/05/2018 01:19	0.01	0.01	0.01	1	13.57	7.77E+02
27/05/2018 01:34	0.01	0.01	0.01	1.02	13.51	7.75E+02
27/05/2018 01:49	0.01	0.01	0.01	1.02	13.48	7.77E+02
27/05/2018 02:04	0.01	0.01	0.01	1	13.47	7.80E+02
27/05/2018 02:19	0.01	0.01	0.01	0.99	13.49	7.75E+02
27/05/2018 02:33	0.01	0.01	0.01	1	13.5	7.86E+02
27/05/2018 02:48	0.01	0.01	0.01	0.99	13.52	7.80E+02
27/05/2018 03:03	0.01	0.01	0.01	0.98	13.52	7.73E+02
27/05/2018 03:18	0.01	0.01	0.01	0.97	13.52	7.74E+02
27/05/2018 03:33	0.01	0.01	0.01	0.97	13.51	7.82E+02
27/05/2018 03:48	0.01	0.01	0.01	0.97	13.5	7.75E+02
27/05/2018 04:03	0.01	0.01	0.01	0.95	13.58	7.77E+02
27/05/2018 04:18	0.01	0.01	0.01	0.95	13.62	7.81E+02
27/05/2018 04:33	0.01	0.01	0.01	0.99	13.47	7.80E+02
27/05/2018 04:48	0.01	0.01	0.01	1	13.36	7.75E+02
27/05/2018 05:03	0.01	0.01	0.01	0.99	13.31	7.79E+02
27/05/2018 05:18	0.01	0.01	0.01	1	13.28	7.74E+02
27/05/2018 05:33	0.01	0.01	0.01	0.99	13.27	7.74E+02
27/05/2018 05:48	0.01	0.01	0.01	0.98	13.27	7.73E+02
27/05/2018 06:03	0.01	0.01	0.01	0.98	13.28	7.75E+02
27/05/2018 06:18	0.01	0.01	0.01	0.99	13.28	7.80E+02
27/05/2018 06:33	0.01	0.01	0.01	1	13.29	7.72E+02
27/05/2018 06:48	0.01	0.01	0.01	1	13.29	7.78E+02
27/05/2018 07:03	0.01	0.01	0.01	1.01	13.31	7.74E+02
27/05/2018 07:18	0.01	0.01	0.01	1.02	13.33	7.76E+02
27/05/2018 07:33	0.01	0.01	0.01	1	13.48	7.84E+02
27/05/2018 07:48	0.01	0.01	0.01	1.05	13.56	7.77E+02
27/05/2018 08:03	0.01	0.01	0.01	1.11	13.49	7.77E+02
27/05/2018 08:18	0.01	0.01	0.01	1.15	13.45	7.79E+02
27/05/2018 08:33	0.01	0.01	0.01	1.19	13.46	7.72E+02
27/05/2018 08:48	0.01	0.01	0.01	1.18	13.47	7.74E+02
27/05/2018 09:03	0.01	0.01	0.01	1.18	13.47	7.72E+02
27/05/2018 09:18	0.01	0.01	0.01	1.28	13.6	7.73E+02
27/05/2018 09:33	0.01	0.01	0.01	1.28	13.67	7.82E+02
27/05/2018 09:48	0.01	0.01	0.01	1.32	13.85	7.81E+02
27/05/2018 10:03	0.01	0.01	0.01	1.28	13.94	7.81E+02
27/05/2018 10:18	0.01	0.01	0.01	1.25	14.01	7.78E+02
27/05/2018 10:33	0.01	0.01	0.01	1.22	14.07	7.80E+02
27/05/2018 10:48	0.01	0.01	0.01	1.26	14.22	7.85E+02
27/05/2018 11:03	0.15	0.01	0.01	1.38	14.59	7.77E+02
27/05/2018 11:18	0.2	0.01	0.01	1.41	14.8	7.78E+02
27/05/2018 11:33	0.16	0.01	0.01	1.4	14.91	7.90E+02
27/05/2018 11:48	0.03	0.01	0.01	1.33	14.96	7.90E+02
27/05/2018 12:03	0.06	0.01	0.01	1.36	15.09	7.82E+02
27/05/2018 12:18	0.12	0.01	0.01	1.39	14.7	7.78E+02
27/05/2018 12:33	0.26	0.01	0.01	1.46	14.38	7.74E+02
27/05/2018 12:48	0.3	0.01	0.01	1.5	14.25	7.77E+02
27/05/2018 13:03	0.43	0.01	0.01	1.57	14.27	7.72E+02
27/05/2018 13:18	0.45	0.01	0.01	1.57	14.27	7.68E+02

27/05/2018 13:33	0.42	0.01	0.01	1.56	14.25	7.67E+02
27/05/2018 13:48	0.41	0.01	0.01	1.54	14.22	7.70E+02
27/05/2018 14:03	0.5	0.01	0.01	1.62	14.33	7.72E+02
27/05/2018 14:18	0.5	0.01	0.01	1.62	14.4	7.71E+02
27/05/2018 14:33	0.48	0.01	0.01	1.65	14.47	7.69E+02
27/05/2018 14:48	0.49	0.01	0.01	1.73	14.69	7.64E+02
27/05/2018 15:03	0.51	0.01	0.01	1.76	14.86	7.69E+02
27/05/2018 15:18	0.51	0.01	0.01	1.75	14.85	7.67E+02
27/05/2018 15:33	0.54	0.01	0.01	1.75	14.86	7.72E+02
27/05/2018 15:48	0.54	0.01	0.01	1.73	14.89	7.72E+02
27/05/2018 16:03	0.54	0.01	0.01	1.77	14.98	7.73E+02
27/05/2018 16:18	0.53	0.01	0.01	1.77	15.17	7.75E+02
27/05/2018 16:33	0.57	0.01	0.01	1.78	15.57	7.85E+02
27/05/2018 16:48	0.52	0.01	0.01	1.78	15.91	7.80E+02
27/05/2018 17:03	0.54	0.01	0.01	1.72	16.15	7.91E+02
27/05/2018 17:18	0.52	0.01	0.01	1.66	16.35	7.92E+02
27/05/2018 17:33	0.37	0.01	0.01	1.6	16.51	8.00E+02
27/05/2018 17:48	0.21	0.01	0.01	1.53	16.67	8.01E+02
27/05/2018 18:03	0.1	0.01	0.01	1.46	16.8	8.04E+02
27/05/2018 18:18	0.01	0.01	0.01	1.36	16.88	8.05E+02
27/05/2018 18:33	0.01	0.01	0.01	1.37	16.83	7.97E+02
27/05/2018 18:48	0.08	0.01	0.01	1.44	16.24	7.87E+02
27/05/2018 19:03	0.09	0.01	0.01	1.43	15.23	7.80E+02
27/05/2018 19:18	0.11	0.01	0.01	1.44	14.68	7.69E+02
27/05/2018 19:33	0.04	0.01	0.01	1.37	14.4	7.77E+02
27/05/2018 19:48	0.01	0.01	0.01	1.29	14.36	7.77E+02
27/05/2018 20:03	0.01	0.01	0.01	1.24	14.42	7.73E+02
27/05/2018 20:18	0.01	0.01	0.01	1.19	14.48	7.72E+02
27/05/2018 20:33	0.01	0.01	0.01	1.27	14.53	7.76E+02
27/05/2018 20:48	0.01	0.01	0.01	1.12	14.58	7.75E+02
27/05/2018 21:03	0.01	0.01	0.01	1.07	14.62	7.70E+02
27/05/2018 21:18	0.01	0.01	0.01	1.06	14.65	7.85E+02
27/05/2018 21:33	0.01	0.01	0.01	1.01	14.78	7.78E+02
27/05/2018 21:48	0.01	0.01	0.01	0.99	14.8	7.82E+02
27/05/2018 22:03	0.01	0.01	0.01	0.97	14.81	7.79E+02
27/05/2018 22:18	0.01	0.01	0.01	0.95	14.83	7.83E+02
27/05/2018 22:33	0.01	0.01	0.01	0.94	14.84	7.80E+02
27/05/2018 22:48	0.01	0.01	0.01	0.93	14.86	7.84E+02
27/05/2018 23:03	0.01	0.01	0.01	0.93	14.87	7.82E+02
27/05/2018 23:18	0.01	0.01	0.01	0.91	14.96	7.79E+02
27/05/2018 23:33	0.01	0.01	0.01	0.93	14.63	7.83E+02
27/05/2018 23:48	0.01	0.01	0.01	1	14.12	7.76E+02
28/05/2018 00:03	0.01	0.01	0.01	1.04	13.85	7.70E+02
28/05/2018 00:18	0.01	0.01	0.01	1.04	13.72	7.68E+02
28/05/2018 00:33	0.01	0.01	0.01	1.03	13.63	7.66E+02
28/05/2018 00:48	0.01	0.01	0.01	1.01	13.57	7.70E+02
28/05/2018 01:03	0.01	0.01	0.01	1.02	13.53	7.70E+02
28/05/2018 01:18	0.01	0.01	0.01	1.01	13.49	7.75E+02
28/05/2018 01:33	0.01	0.01	0.01	1.02	13.46	7.67E+02
28/05/2018 01:48	0.01	0.01	0.01	1.01	13.44	7.69E+02

28/05/2018 02:03	0.01	0.01	0.01	1.01	13.4	7.66E+02
28/05/2018 02:18	0.01	0.01	0.01	1.01	13.37	7.66E+02
28/05/2018 02:33	0.01	0.01	0.01	1.02	13.33	7.61E+02
28/05/2018 02:48	0.01	0.01	0.01	1	13.3	7.68E+02
28/05/2018 03:03	0.01	0.01	0.01	1.02	13.28	7.73E+02
28/05/2018 03:18	0.01	0.01	0.01	1.02	13.25	7.66E+02
28/05/2018 03:33	0.01	0.01	0.01	1.02	13.21	7.73E+02
28/05/2018 03:48	0.01	0.01	0.01	1	13.17	7.70E+02
28/05/2018 04:03	0.01	0.01	0.01	1	13.13	7.65E+02
28/05/2018 04:18	0.01	0.01	0.01	1	13.1	7.66E+02
28/05/2018 04:33	0.01	0.01	0.01	0.99	13.09	7.65E+02
28/05/2018 04:48	0.01	0.01	0.01	0.99	13.07	7.62E+02
28/05/2018 05:03	0.01	0.01	0.01	0.98	13.06	7.64E+02
28/05/2018 05:18	0.01	0.01	0.01	0.97	13.02	7.62E+02
28/05/2018 05:33	0.01	0.01	0.01	0.97	13	7.64E+02
28/05/2018 05:48	0.01	0.01	0.01	0.96	12.97	7.59E+02
28/05/2018 06:03	0.01	0.01	0.01	0.96	12.94	7.60E+02
28/05/2018 06:18	0.01	0.01	0.01	0.93	13.11	7.66E+02
28/05/2018 06:33	0.01	0.01	0.01	0.95	13.19	7.67E+02
28/05/2018 06:48	0.01	0.01	0.01	0.98	13.19	7.68E+02
28/05/2018 07:03	0.01	0.01	0.01	0.99	13.18	7.68E+02
28/05/2018 07:18	0.01	0.01	0.01	1	13.19	7.71E+02
28/05/2018 07:33	0.01	0.01	0.01	1.02	13.2	7.68E+02
28/05/2018 07:48	0.01	0.01	0.01	1.05	13.23	7.73E+02
28/05/2018 08:03	0.01	0.01	0.01	1.04	13.27	7.73E+02
28/05/2018 08:18	0.01	0.01	0.01	1.07	13.32	7.74E+02
28/05/2018 08:33	0.01	0.01	0.01	1.09	13.39	7.77E+02
28/05/2018 08:48	0.01	0.01	0.01	1.09	13.45	7.70E+02
28/05/2018 09:03	0.01	0.01	0.01	1.1	13.51	7.72E+02
28/05/2018 09:18	0.01	0.01	0.01	1.1	13.57	7.76E+02
28/05/2018 09:33	0.01	0.01	0.01	1.13	13.65	7.77E+02
28/05/2018 09:48	0.01	0.01	0.01	1.13	13.72	7.73E+02
28/05/2018 10:03	0.01	0.01	0.01	1.15	13.79	7.72E+02
28/05/2018 10:18	0.01	0.01	0.01	1.16	13.86	7.72E+02
28/05/2018 10:33	0.01	0.01	0.01	1.16	14.13	7.70E+02
28/05/2018 10:48	0.01	0.01	0.01	1.24	14.11	7.73E+02
28/05/2018 11:03	0.01	0.01	0.01	1.29	13.94	7.70E+02
28/05/2018 11:18	0.01	0.01	0.01	1.3	13.8	7.61E+02
28/05/2018 11:33	0.01	0.01	0.01	1.26	13.7	7.64E+02
28/05/2018 11:48	0.01	0.01	0.01	1.24	13.63	7.67E+02
28/05/2018 12:03	0.01	0.01	0.01	1.26	13.64	7.67E+02
28/05/2018 12:18	0.01	0.01	0.01	1.27	13.68	7.61E+02
28/05/2018 12:33	0.01	0.01	0.01	1.28	13.72	7.66E+02
28/05/2018 12:48	0.01	0.01	0.01	1.29	13.73	7.70E+02
28/05/2018 13:03	0.01	0.01	0.01	1.27	13.71	7.65E+02
28/05/2018 13:18	0.01	0.01	0.01	1.24	13.68	7.73E+02
28/05/2018 13:33	0.01	0.01	0.01	1.23	13.65	7.65E+02
28/05/2018 13:48	0.01	0.01	0.01	1.24	13.63	7.66E+02
28/05/2018 14:03	0.01	0.01	0.01	1.22	13.61	7.72E+02
28/05/2018 14:18	0.01	0.01	0.01	1.23	13.61	7.66E+02

28/05/2018 14:33	0.01	0.01	0.01	1.26	13.67	7.60E+02
28/05/2018 14:48	0.01	0.01	0.01	1.27	13.73	7.61E+02
28/05/2018 15:03	0.01	0.01	0.01	1.26	13.78	7.71E+02
28/05/2018 15:18	0.01	0.01	0.01	1.25	13.86	7.73E+02
28/05/2018 15:33	0.01	0.01	0.01	1.22	13.93	7.71E+02
28/05/2018 15:48	0.01	0.01	0.01	1.23	14.03	7.72E+02
28/05/2018 16:03	0.01	0.01	0.01	1.23	14.14	7.71E+02
28/05/2018 16:18	0.01	0.01	0.01	1.27	14.31	7.70E+02
28/05/2018 16:33	0.01	0.01	0.01	1.33	14.59	7.71E+02
28/05/2018 16:48	0.01	0.01	0.01	1.31	14.54	7.70E+02
28/05/2018 17:03	0.01	0.01	0.01	1.32	14.22	7.69E+02
28/05/2018 17:18	0.01	0.01	0.01	1.32	13.95	7.69E+02
28/05/2018 17:33	0.01	0.01	0.01	1.26	13.76	7.62E+02
28/05/2018 17:48	0.01	0.01	0.01	1.22	13.65	7.68E+02
28/05/2018 18:03	0.01	0.01	0.01	1.19	13.63	7.66E+02
28/05/2018 18:18	0.01	0.01	0.01	1.18	13.68	7.62E+02
28/05/2018 18:33	0.01	0.01	0.01	1.18	13.76	7.71E+02
28/05/2018 18:48	0.01	0.01	0.01	1.2	13.84	7.71E+02
28/05/2018 19:03	0.01	0.01	0.01	1.23	13.93	7.74E+02
28/05/2018 19:18	0.01	0.01	0.01	1.24	14.03	7.72E+02
28/05/2018 19:33	0.01	0.01	0.01	1.24	14.13	7.68E+02
28/05/2018 19:48	0.01	0.01	0.01	1.26	14.22	7.72E+02
28/05/2018 20:03	0.01	0.01	0.01	1.24	14.3	7.72E+02
28/05/2018 20:18	0.01	0.01	0.01	1.18	14.34	7.74E+02
28/05/2018 20:33	0.01	0.01	0.01	1.14	14.37	7.72E+02
28/05/2018 20:48	0.01	0.01	0.01	1.13	14.5	7.73E+02
28/05/2018 21:03	0.01	0.01	0.01	1.11	14.57	7.70E+02
28/05/2018 21:18	0.01	0.01	0.01	1.09	14.28	7.74E+02
28/05/2018 21:33	0.01	0.01	0.01	1.13	13.84	7.67E+02
28/05/2018 21:48	0.01	0.01	0.01	1.13	13.6	7.64E+02
28/05/2018 22:03	0.01	0.01	0.01	1.11	13.49	7.66E+02
28/05/2018 22:18	0.01	0.01	0.01	1.1	13.42	7.61E+02
28/05/2018 22:33	0.01	0.01	0.01	1.09	13.38	7.63E+02
28/05/2018 22:48	0.01	0.01	0.01	1.08	13.34	7.66E+02
28/05/2018 23:03	0.01	0.01	0.01	1.06	13.31	7.57E+02
28/05/2018 23:18	0.01	0.01	0.01	1.05	13.28	7.63E+02
28/05/2018 23:33	0.01	0.01	0.01	1.06	13.26	7.64E+02
28/05/2018 23:48	0.01	0.01	0.01	1.06	13.26	7.61E+02
29/05/2018 00:03	0.01	0.01	0.01	1.05	13.25	7.60E+02
29/05/2018 00:18	0.01	0.01	0.01	1.05	13.24	7.60E+02
29/05/2018 00:33	0.01	0.01	0.01	1.04	13.25	7.58E+02
29/05/2018 00:48	0.01	0.01	0.01	1.03	13.27	7.57E+02
29/05/2018 01:03	0.01	0.01	0.01	1.03	13.29	7.59E+02
29/05/2018 01:18	0.01	0.01	0.01	1.04	13.32	7.59E+02
29/05/2018 01:33	0.01	0.01	0.01	1.04	13.34	7.63E+02
29/05/2018 01:48	0.01	0.01	0.01	1.03	13.38	7.63E+02
29/05/2018 02:03	0.01	0.01	0.01	1.05	13.41	7.60E+02
29/05/2018 02:18	0.01	0.01	0.01	1.05	13.44	7.63E+02
29/05/2018 02:33	0.01	0.01	0.01	1.19	13.6	7.65E+02
29/05/2018 02:48	0.01	0.01	0.01	1.1	13.53	7.66E+02

29/05/2018 03:03	0.01	0.01	0.01	1.08	13.39	7.57E+02
29/05/2018 03:18	0.01	0.01	0.01	1.07	13.31	7.58E+02
29/05/2018 03:33	0.01	0.01	0.01	1.07	13.27	7.59E+02
29/05/2018 03:48	0.01	0.01	0.01	1.03	13.24	7.60E+02
29/05/2018 04:03	0.01	0.01	0.01	1.02	13.24	7.58E+02
29/05/2018 04:18	0.01	0.01	0.01	1.03	13.26	7.60E+02
29/05/2018 04:33	0.01	0.01	0.01	1.03	13.28	7.60E+02
29/05/2018 04:48	0.01	0.01	0.01	1.01	13.3	7.60E+02
29/05/2018 05:03	0.01	0.01	0.01	1.01	13.32	7.63E+02
29/05/2018 05:18	0.01	0.01	0.01	1	13.34	7.59E+02
29/05/2018 05:33	0.01	0.01	0.01	1	13.35	7.60E+02
29/05/2018 05:48	0.01	0.01	0.01	1	13.35	7.60E+02
29/05/2018 06:03	0.01	0.01	0.01	0.99	13.37	7.58E+02
29/05/2018 06:18	0.01	0.01	0.01	0.99	13.38	7.62E+02
29/05/2018 06:33	0.01	0.01	0.01	0.99	13.39	7.60E+02
29/05/2018 06:48	0.01	0.01	0.01	0.99	13.4	7.62E+02
29/05/2018 07:03	0.01	0.01	0.01	0.99	13.53	7.61E+02
29/05/2018 07:18	0.01	0.01	0.01	1	13.44	7.62E+02
29/05/2018 07:33	0.01	0.01	0.01	1.03	13.33	7.60E+02
29/05/2018 07:48	0.01	0.01	0.01	1.04	13.28	7.58E+02
29/05/2018 08:03	0.01	0.01	0.01	1.07	13.27	7.58E+02
29/05/2018 08:18	0.01	0.01	0.01	1.07	13.27	7.59E+02
29/05/2018 08:33	0.01	0.01	0.01	1.08	13.27	7.59E+02
29/05/2018 08:48	0.01	0.01	0.01	1.1	13.29	7.60E+02
29/05/2018 09:03	0.01	0.01	0.01	1.12	13.33	7.60E+02
29/05/2018 09:18	0.01	0.01	0.01	1.14	13.36	7.62E+02
29/05/2018 09:33	0.01	0.01	0.01	1.15	13.4	7.62E+02
29/05/2018 09:48	0.01	0.01	0.01	1.15	13.47	7.62E+02
29/05/2018 10:03	0.01	0.01	0.01	1.14	13.56	7.67E+02
29/05/2018 10:18	0.01	0.01	0.01	1.15	13.64	7.65E+02
29/05/2018 10:33	0.01	0.01	0.01	1.16	13.76	7.71E+02
29/05/2018 10:48	0.01	0.01	0.01	1.25	14.03	7.62E+02
29/05/2018 11:03	0.06	0.01	0.01	1.36	14.47	7.70E+02
29/05/2018 11:18	0.33	0.01	0.01	1.54	15.06	7.65E+02
29/05/2018 11:33	0.39	0.01	0.01	1.6	15.54	7.81E+02
29/05/2018 11:48	0.28	0.01	0.01	1.56	15.75	7.87E+02
29/05/2018 12:03	0.32	0.01	0.01	1.63	15.54	7.65E+02
29/05/2018 12:18	0.36	0.01	0.01	1.66	15.17	7.60E+02
29/05/2018 12:33	0.39	0.01	0.01	1.67	14.82	7.58E+02
29/05/2018 12:48	0.03	0.01	0.01	1.46	14.49	7.61E+02
29/05/2018 13:03	0.13	0.01	0.01	1.51	14.34	7.57E+02
29/05/2018 13:18	0.18	0.01	0.01	1.53	14.26	7.64E+02
29/05/2018 13:33	0.19	0.01	0.01	1.53	14.26	7.61E+02
29/05/2018 13:48	0.21	0.01	0.01	1.53	14.28	7.61E+02
29/05/2018 14:03	0.26	0.01	0.01	1.55	14.35	7.57E+02
29/05/2018 14:18	0.34	0.01	0.01	1.6	14.5	7.61E+02
29/05/2018 14:33	0.42	0.01	0.01	1.64	14.65	7.62E+02
29/05/2018 14:48	0.48	0.01	0.01	1.67	14.77	7.60E+02
29/05/2018 15:03	0.45	0.01	0.01	1.66	15.06	7.66E+02
29/05/2018 15:18	0.43	0.01	0.01	1.66	15.47	7.65E+02

29/05/2018 15:33	0.33	0.01	0.01	1.61	15.71	7.83E+02
29/05/2018 15:48	0.31	0.01	0.01	1.6	16.1	7.79E+02
29/05/2018 16:03	0.3	0.01	0.01	1.6	16.47	7.87E+02
29/05/2018 16:18	0.08	0.01	0.01	1.5	16.88	7.90E+02
29/05/2018 16:33	0.01	0.01	0.01	1.49	17.13	7.98E+02
29/05/2018 16:48	0.22	0.01	0.01	1.63	16.66	7.70E+02
29/05/2018 17:03	0.24	0.01	0.01	1.64	15.75	7.67E+02
29/05/2018 17:18	0.16	0.01	0.01	1.6	14.99	7.49E+02
29/05/2018 17:33	0.08	0.01	0.01	1.54	14.61	7.52E+02
29/05/2018 17:48	0.01	0.01	0.01	1.46	14.41	7.65E+02
29/05/2018 18:03	0.01	0.01	0.01	1.39	14.28	7.65E+02
29/05/2018 18:18	0.01	0.01	0.01	1.34	14.18	7.61E+02
29/05/2018 18:33	0.01	0.01	0.01	1.3	14.15	7.70E+02
29/05/2018 18:48	0.01	0.01	0.01	1.23	14.2	7.68E+02
29/05/2018 19:03	0.01	0.01	0.01	1.18	14.25	7.63E+02
29/05/2018 19:18	0.01	0.01	0.01	1.16	14.35	7.65E+02
29/05/2018 19:33	0.01	0.01	0.01	1.14	14.44	7.66E+02
29/05/2018 19:48	0.01	0.01	0.01	1.1	14.5	7.69E+02
29/05/2018 20:03	0.01	0.01	0.01	1.07	14.62	7.73E+02
29/05/2018 20:18	0.01	0.01	0.01	1.03	14.72	7.73E+02
29/05/2018 20:33	0.01	0.01	0.01	1.01	14.76	7.67E+02
29/05/2018 20:48	0.01	0.01	0.01	0.99	14.81	7.67E+02
29/05/2018 21:03	0.01	0.01	0.01	0.96	14.86	7.69E+02
29/05/2018 21:18	0.01	0.01	0.01	0.95	14.89	7.65E+02
29/05/2018 21:33	0.01	0.01	0.01	0.92	14.92	7.69E+02
29/05/2018 21:48	0.01	0.01	0.01	0.9	14.94	7.62E+02
29/05/2018 22:03	0.01	0.01	0.01	0.88	14.97	7.63E+02
29/05/2018 22:18	0.01	0.01	0.01	0.86	14.98	7.69E+02
29/05/2018 22:33	0.01	0.01	0.01	0.86	14.99	7.67E+02
29/05/2018 22:48	0.01	0.01	0.01	0.84	14.99	7.64E+02
29/05/2018 23:03	0.01	0.01	0.01	0.81	15.02	7.62E+02
29/05/2018 23:18	0.01	0.01	0.01	0.85	14.48	7.72E+02
29/05/2018 23:33	0.01	0.01	0.01	0.92	13.91	7.69E+02
29/05/2018 23:48	0.01	0.01	0.01	0.94	13.65	7.61E+02
30/05/2018 00:03	0.01	0.01	0.01	0.94	13.53	7.61E+02
30/05/2018 00:18	0.01	0.01	0.01	0.94	13.47	7.56E+02
30/05/2018 00:33	0.01	0.01	0.01	0.94	13.43	7.60E+02
30/05/2018 00:48	0.01	0.01	0.01	0.93	13.41	7.57E+02
30/05/2018 01:03	0.01	0.01	0.01	0.93	13.4	7.58E+02
30/05/2018 01:18	0.01	0.01	0.01	0.94	13.4	7.56E+02
30/05/2018 01:33	0.01	0.01	0.01	0.93	13.38	7.55E+02
30/05/2018 01:48	0.01	0.01	0.01	0.93	13.36	7.53E+02
30/05/2018 02:03	0.01	0.01	0.01	0.93	13.35	7.59E+02
30/05/2018 02:18	0.01	0.01	0.01	0.94	13.37	7.61E+02
30/05/2018 02:33	0.01	0.01	0.01	0.93	13.39	7.58E+02
30/05/2018 02:48	0.01	0.01	0.01	0.94	13.42	7.58E+02
30/05/2018 03:03	0.01	0.01	0.01	0.95	13.45	7.58E+02
30/05/2018 03:18	0.01	0.01	0.01	0.95	13.47	7.62E+02
30/05/2018 03:33	0.01	0.01	0.01	0.95	13.5	7.61E+02
30/05/2018 03:48	0.01	0.01	0.01	0.95	13.53	7.61E+02

30/05/2018 04:03	0.01	0.01	0.01	0.96	13.55	7.59E+02
30/05/2018 04:18	0.01	0.01	0.01	0.96	13.57	7.64E+02
30/05/2018 04:33	0.01	0.01	0.01	0.95	13.59	7.61E+02
30/05/2018 04:48	0.01	0.01	0.01	0.94	13.59	7.62E+02
30/05/2018 05:03	0.01	0.01	0.01	0.93	13.61	7.69E+02
30/05/2018 05:18	0.01	0.01	0.01	0.94	13.74	7.62E+02
30/05/2018 05:33	0.01	0.01	0.01	0.96	13.53	7.60E+02
30/05/2018 05:48	0.01	0.01	0.01	0.99	13.37	7.56E+02
30/05/2018 06:03	0.01	0.01	0.01	0.99	13.3	7.59E+02
30/05/2018 06:18	0.01	0.01	0.01	0.99	13.25	7.58E+02
30/05/2018 06:33	0.01	0.01	0.01	0.97	13.21	7.59E+02
30/05/2018 06:48	0.01	0.01	0.01	0.97	13.17	7.60E+02
30/05/2018 07:03	0.01	0.01	0.01	0.97	13.13	7.61E+02
30/05/2018 07:18	0.01	0.01	0.01	0.97	13.12	7.62E+02
30/05/2018 07:33	0.01	0.01	0.01	0.99	13.14	7.58E+02
30/05/2018 07:48	0.01	0.01	0.01	0.99	13.16	7.57E+02
30/05/2018 08:03	0.01	0.01	0.01	1.01	13.2	7.59E+02
30/05/2018 08:18	0.01	0.01	0.01	1.03	13.27	7.63E+02
30/05/2018 08:33	0.01	0.01	0.01	1.07	13.37	7.62E+02
30/05/2018 08:48	0.01	0.01	0.01	1.09	13.47	7.62E+02
30/05/2018 09:03	0.01	0.01	0.01	1.13	13.56	7.61E+02
30/05/2018 09:18	0.01	0.01	0.01	1.13	13.69	7.64E+02
30/05/2018 09:33	0.01	0.01	0.01	1.14	13.79	7.67E+02
30/05/2018 09:48	0.01	0.01	0.01	1.15	13.88	7.67E+02
30/05/2018 10:03	0.01	0.01	0.01	1.14	13.97	7.67E+02
30/05/2018 10:18	0.01	0.01	0.01	1.16	14.09	7.65E+02
30/05/2018 10:33	0.01	0.01	0.01	1.16	14.19	7.64E+02
30/05/2018 10:48	0.01	0.01	0.01	1.2	14.34	7.71E+02
30/05/2018 11:03	0.01	0.01	0.01	1.25	14.64	7.68E+02
30/05/2018 11:18	0.09	0.01	0.01	1.42	15.16	7.66E+02
30/05/2018 11:33	0.02	0.01	0.01	1.43	15.39	7.61E+02
30/05/2018 11:48	0.05	0.01	0.01	1.45	15.57	7.72E+02
30/05/2018 12:03	0.09	0.01	0.01	1.49	15.59	7.64E+02
30/05/2018 12:18	0.05	0.01	0.01	1.49	15.18	7.57E+02
30/05/2018 12:33	0.08	0.01	0.01	1.52	14.64	7.54E+02
30/05/2018 12:48	0.08	0.01	0.01	1.51	14.34	7.51E+02
30/05/2018 13:03	0.04	0.01	0.01	1.48	14.19	7.61E+02
30/05/2018 13:18	0.03	0.01	0.01	1.46	14.14	7.64E+02
30/05/2018 13:33	0.03	0.01	0.01	1.46	14.12	7.57E+02
30/05/2018 13:48	0.05	0.01	0.01	1.46	14.11	7.59E+02
30/05/2018 14:03	0.01	0.01	0.01	1.43	14.08	7.59E+02
30/05/2018 14:18	0.01	0.01	0.01	1.41	14.04	7.61E+02
30/05/2018 14:33	0.01	0.01	0.01	1.44	14.08	7.54E+02
30/05/2018 14:48	0.06	0.01	0.01	1.46	14.17	7.61E+02
30/05/2018 15:03	0.09	0.01	0.01	1.48	14.23	7.56E+02
30/05/2018 15:18	0.02	0.01	0.01	1.43	14.18	7.60E+02
30/05/2018 15:33	0.01	0.01	0.01	1.42	14.14	7.62E+02
30/05/2018 15:48	0.02	0.01	0.01	1.44	14.16	7.57E+02
30/05/2018 16:03	0.01	0.01	0.01	1.39	14.08	7.63E+02
30/05/2018 16:18	0.01	0.01	0.01	1.32	13.95	7.59E+02

30/05/2018 16:33	0.01	0.01	0.01	1.26	13.83	7.53E+02
30/05/2018 16:48	0.01	0.01	0.01	1.18	13.76	7.64E+02
30/05/2018 17:03	0.01	0.01	0.01	1.12	13.74	7.61E+02
30/05/2018 17:18	0.01	0.01	0.01	1.07	13.73	7.68E+02
30/05/2018 17:33	0.01	0.01	0.01	1.03	13.74	7.59E+02
30/05/2018 17:48	0.01	0.01	0.01	1.01	13.74	7.63E+02
30/05/2018 18:03	0.01	0.01	0.01	1	13.75	7.59E+02
30/05/2018 18:18	0.01	0.01	0.01	0.98	13.75	7.62E+02
30/05/2018 18:33	0.01	0.01	0.01	0.99	13.75	7.63E+02
30/05/2018 18:48	0.01	0.01	0.01	1.02	13.76	7.50E+02
30/05/2018 19:03	0.01	0.01	0.01	1	13.77	7.47E+02
30/05/2018 19:18	0.01	0.01	0.01	1	13.79	7.44E+02
30/05/2018 19:33	0.01	0.01	0.01	1	13.82	7.41E+02
30/05/2018 19:48	0.01	0.01	0.01	1.01	13.86	7.50E+02
30/05/2018 20:03	0.01	0.01	0.01	1.01	13.89	7.58E+02
30/05/2018 20:18	0.01	0.01	0.01	1	13.92	7.61E+02
30/05/2018 20:33	0.01	0.01	0.01	0.98	13.94	7.62E+02
30/05/2018 20:48	0.01	0.01	0.01	0.98	13.95	7.62E+02
30/05/2018 21:03	0.01	0.01	0.01	0.97	13.96	7.56E+02
30/05/2018 21:18	0.01	0.01	0.01	0.99	13.97	7.57E+02
30/05/2018 21:33	0.01	0.01	0.01	1.02	13.97	7.58E+02
30/05/2018 21:48	0.01	0.01	0.01	0.97	13.96	7.53E+02
30/05/2018 22:03	0.01	0.01	0.01	0.98	13.95	7.55E+02
30/05/2018 22:18	0.01	0.01	0.01	1.02	13.94	7.56E+02
30/05/2018 22:33	0.01	0.01	0.01	1	13.93	7.50E+02
30/05/2018 22:48	0.01	0.01	0.01	0.99	13.9	7.54E+02
30/05/2018 23:03	0.01	0.01	0.01	0.92	13.91	7.47E+02
30/05/2018 23:18	0.01	0.01	0.01	0.92	13.58	7.57E+02
30/05/2018 23:33	0.01	0.01	0.01	0.94	13.34	7.52E+02
30/05/2018 23:48	0.01	0.01	0.01	0.94	13.22	7.56E+02
31/05/2018 00:03	0.01	0.01	0.01	0.95	13.17	7.54E+02
31/05/2018 00:18	0.01	0.01	0.01	0.96	13.14	7.49E+02
31/05/2018 00:33	0.01	0.01	0.01	0.96	13.11	7.50E+02
31/05/2018 00:48	0.01	0.01	0.01	0.96	13.08	7.41E+02
31/05/2018 01:03	0.01	0.01	0.01	0.96	13.05	7.44E+02
31/05/2018 01:18	0.01	0.01	0.01	0.97	13.02	7.48E+02
31/05/2018 01:33	0.01	0.01	0.01	0.96	13.01	7.47E+02
31/05/2018 01:48	0.01	0.01	0.01	0.96	13.01	7.51E+02
31/05/2018 02:03	0.01	0.01	0.01	0.95	13	7.42E+02
31/05/2018 02:18	0.01	0.01	0.01	0.96	13.01	7.53E+02
31/05/2018 02:33	0.01	0.01	0.01	0.96	13.01	7.51E+02
31/05/2018 02:48	0.01	0.01	0.01	0.96	13.02	7.48E+02
31/05/2018 03:03	0.01	0.01	0.01	0.96	13.02	7.53E+02
31/05/2018 03:18	0.01	0.01	0.01	0.96	13.02	7.52E+02
31/05/2018 03:33	0.01	0.01	0.01	0.96	13.01	7.47E+02
31/05/2018 03:48	0.01	0.01	0.01	0.97	13.01	7.54E+02
31/05/2018 04:03	0.01	0.01	0.01	0.97	13	7.49E+02
31/05/2018 04:18	0.01	0.01	0.01	0.97	13.01	7.48E+02
31/05/2018 04:33	0.01	0.01	0.01	0.98	13.01	7.49E+02
31/05/2018 04:48	0.01	0.01	0.01	0.99	13.01	7.53E+02

31/05/2018 05:03	0.01	0.01	0.01	0.99	13.02	7.47E+02
31/05/2018 05:18	0.01	0.01	0.01	0.99	13.03	7.48E+02
31/05/2018 05:33	0.01	0.01	0.01	1	13.03	7.51E+02
31/05/2018 05:48	0.01	0.01	0.01	1	13.03	7.49E+02
31/05/2018 06:03	0.01	0.01	0.01	0.99	13.04	7.45E+02
31/05/2018 06:18	0.01	0.01	0.01	1	13.05	7.45E+02
31/05/2018 06:33	0.01	0.01	0.01	0.98	13.1	7.48E+02
31/05/2018 06:48	0.01	0.01	0.01	0.99	13.2	7.43E+02
31/05/2018 07:03	0.01	0.01	0.01	1.01	13.17	7.49E+02
31/05/2018 07:18	0.01	0.01	0.01	1.01	13.12	7.54E+02
31/05/2018 07:33	0.01	0.01	0.01	1.01	13.1	7.55E+02
31/05/2018 07:48	0.01	0.01	0.01	1	13.08	7.46E+02
31/05/2018 08:03	0.01	0.01	0.01	0.98	13.07	7.54E+02
31/05/2018 08:18	0.01	0.01	0.01	0.95	13.07	7.57E+02
31/05/2018 08:33	0.01	0.01	0.01	0.92	13.08	7.59E+02
31/05/2018 08:48	0.01	0.01	0.01	0.89	13.09	7.58E+02
31/05/2018 09:03	0.01	0.01	0.01	0.87	13.11	7.55E+02
31/05/2018 09:18	0.01	0.01	0.01	0.86	13.15	7.61E+02
31/05/2018 09:33	0.01	0.01	0.01	0.84	13.2	7.56E+02
31/05/2018 09:48	0.01	0.01	0.01	0.84	13.26	7.56E+02
31/05/2018 10:03	0.01	0.01	0.01	0.83	13.31	7.59E+02
31/05/2018 10:18	0.01	0.01	0.01	0.83	13.37	7.60E+02
31/05/2018 10:33	0.01	0.01	0.01	0.81	13.43	7.58E+02
31/05/2018 10:48	0.01	0.01	0.01	0.81	13.52	7.59E+02
31/05/2018 11:03	0.01	0.01	0.01	0.82	13.6	7.61E+02
31/05/2018 11:18	0.01	0.01	0.01	0.83	13.72	7.59E+02
31/05/2018 11:33	0.01	0.01	0.01	0.9	13.99	7.62E+02
31/05/2018 11:48	0.01	0.01	0.01	0.96	14.29	7.44E+02
31/05/2018 12:03	0.01	0.01	0.01	0.99	14.5	7.62E+02
31/05/2018 12:18	0.01	0.01	0.01	1	14.64	7.64E+02
31/05/2018 12:33	0.01	0.01	0.01	1.04	14.75	7.60E+02
31/05/2018 12:48	0.01	0.01	0.01	1.07	14.45	7.65E+02
31/05/2018 13:03	0.01	0.01	0.01	1.15	14.13	7.65E+02
31/05/2018 13:18	0.01	0.01	0.01	1.2	14.04	7.63E+02
31/05/2018 13:33	0.01	0.01	0.01	1.3	14.18	7.53E+02
31/05/2018 13:48	0.01	0.01	0.01	1.29	14.1	7.60E+02
31/05/2018 14:03	0.01	0.01	0.01	1.22	13.89	7.58E+02
31/05/2018 14:18	0.01	0.01	0.01	1.19	13.78	7.62E+02
31/05/2018 14:33	0.01	0.01	0.01	1.2	13.8	7.50E+02
31/05/2018 14:48	0.01	0.01	0.01	1.22	13.82	7.54E+02
31/05/2018 15:03	0.01	0.01	0.01	1.22	13.86	7.60E+02
31/05/2018 15:18	0.01	0.01	0.01	1.27	14.03	7.55E+02
31/05/2018 15:33	0.01	0.01	0.01	1.37	14.28	7.65E+02
31/05/2018 15:48	0.01	0.01	0.01	1.3	14.22	7.64E+02
31/05/2018 16:03	0.01	0.01	0.01	1.35	14.26	7.63E+02
31/05/2018 16:18	0.01	0.01	0.01	1.36	14.27	7.61E+02
31/05/2018 16:33	0.01	0.01	0.01	1.36	14.28	7.64E+02
31/05/2018 16:48	0.01	0.01	0.01	1.36	14.3	7.63E+02
31/05/2018 17:03	0.01	0.01	0.01	1.27	14.25	7.60E+02
31/05/2018 17:18	0.01	0.01	0.01	1.28	14.45	7.64E+02

31/05/2018 17:33	0.01	0.01	0.01	1.23	14.58	7.64E+02
31/05/2018 17:48	0.01	0.01	0.01	1.19	14.68	7.58E+02
31/05/2018 18:03	0.01	0.01	0.01	1.14	14.82	7.71E+02
31/05/2018 18:18	0.01	0.01	0.01	1.11	14.91	7.73E+02
31/05/2018 18:33	0.01	0.01	0.01	1.05	14.96	7.72E+02
31/05/2018 18:48	0.01	0.01	0.01	0.99	15	7.69E+02
31/05/2018 19:03	0.01	0.01	0.01	0.95	15.04	7.63E+02
31/05/2018 19:18	0.01	0.01	0.01	0.9	15.08	7.62E+02
31/05/2018 19:33	0.01	0.01	0.01	0.86	15.11	7.68E+02
31/05/2018 19:48	0.01	0.01	0.01	0.83	15.14	7.68E+02
31/05/2018 20:03	0.01	0.01	0.01	0.79	15.14	7.70E+02
31/05/2018 20:18	0.01	0.01	0.01	0.75	15.13	7.76E+02
31/05/2018 20:33	0.01	0.01	0.01	0.73	15.12	7.74E+02
31/05/2018 20:48	0.01	0.01	0.01	0.7	15.1	7.73E+02
31/05/2018 21:03	0.01	0.01	0.01	0.66	14.78	7.75E+02
31/05/2018 21:18	0.01	0.01	0.01	0.7	14.01	7.74E+02
31/05/2018 21:33	0.01	0.01	0.01	0.74	13.57	7.59E+02
31/05/2018 21:48	0.01	0.01	0.01	0.74	13.36	7.60E+02
31/05/2018 22:03	0.01	0.01	0.01	0.73	13.26	7.60E+02
31/05/2018 22:18	0.01	0.01	0.01	0.72	13.2	7.59E+02
31/05/2018 22:33	0.01	0.01	0.01	0.72	13.16	7.62E+02
31/05/2018 22:48	0.01	0.01	0.01	0.72	13.14	7.61E+02
31/05/2018 23:03	0.01	0.01	0.01	0.7	13.13	7.59E+02
31/05/2018 23:18	0.01	0.01	0.01	0.69	13.11	7.56E+02
31/05/2018 23:33	0.01	0.01	0.01	0.69	13.09	7.60E+02
31/05/2018 23:48	0.01	0.01	0.01	0.69	13.06	7.59E+02
01/06/2018 00:03	0.01	0.01	0.01	0.69	13.03	7.60E+02
01/06/2018 00:18	0.01	0.01	0.01	0.72	13.02	7.60E+02
01/06/2018 00:33	0.01	0.01	0.01	0.73	12.98	7.62E+02
01/06/2018 00:48	0.01	0.01	0.01	0.73	12.94	7.59E+02
01/06/2018 01:03	0.01	0.01	0.01	0.71	13	7.59E+02
01/06/2018 01:18	0.01	0.01	0.01	0.71	13.02	7.60E+02
01/06/2018 01:33	0.01	0.01	0.01	0.72	12.95	7.59E+02
01/06/2018 01:48	0.01	0.01	0.01	0.71	12.9	7.60E+02
01/06/2018 02:03	0.01	0.01	0.01	0.71	12.84	7.65E+02
01/06/2018 02:18	0.01	0.01	0.01	0.7	12.8	7.65E+02
01/06/2018 02:33	0.01	0.01	0.01	0.71	12.77	7.66E+02
01/06/2018 02:48	0.01	0.01	0.01	0.71	12.75	7.57E+02
01/06/2018 03:03	0.01	0.01	0.01	0.72	12.74	7.65E+02
01/06/2018 03:18	0.01	0.01	0.01	0.73	12.74	7.58E+02
01/06/2018 03:33	0.01	0.01	0.01	0.74	12.74	7.62E+02
01/06/2018 03:48	0.01	0.01	0.01	0.75	12.73	7.57E+02
01/06/2018 04:03	0.01	0.01	0.01	0.75	12.73	7.56E+02
01/06/2018 04:18	0.01	0.01	0.01	0.76	12.72	7.65E+02
01/06/2018 04:33	0.01	0.01	0.01	0.77	12.72	7.60E+02
01/06/2018 04:48	0.01	0.01	0.01	0.77	12.72	7.58E+02
01/06/2018 05:03	0.01	0.01	0.01	0.77	12.72	7.64E+02
01/06/2018 05:18	0.01	0.01	0.01	0.76	12.83	7.60E+02
01/06/2018 05:33	0.01	0.01	0.01	0.78	12.91	7.61E+02
01/06/2018 05:48	0.01	0.01	0.01	0.78	12.9	7.59E+02

01/06/2018 06:03	0.01	0.01	0.01	0.79	12.88	7.58E+02
01/06/2018 06:18	0.01	0.01	0.01	0.8	12.87	7.55E+02
01/06/2018 06:33	0.01	0.01	0.01	0.8	12.86	7.56E+02
01/06/2018 06:48	0.01	0.01	0.01	0.8	12.87	7.55E+02
01/06/2018 07:03	0.01	0.01	0.01	0.82	12.88	7.55E+02
01/06/2018 07:18	0.01	0.01	0.01	0.84	12.9	7.54E+02
01/06/2018 07:33	0.01	0.01	0.01	0.85	12.93	7.59E+02
01/06/2018 07:48	0.01	0.01	0.01	0.88	12.96	7.54E+02
01/06/2018 08:03	0.01	0.01	0.01	0.9	13.02	7.58E+02
01/06/2018 08:18	0.01	0.01	0.01	0.92	13.09	7.57E+02
01/06/2018 08:33	0.01	0.01	0.01	0.93	13.15	7.60E+02
01/06/2018 09:13	0.01	0.01	0.01	0.88	13.33	7.61E+02
01/06/2018 09:28	0.01	0.01	0.01	1.02	13.52	7.61E+02
01/06/2018 09:43	0.01	0.01	0.01	1.05	13.64	7.61E+02
01/06/2018 09:58	0.01	0.01	0.01	1.1	13.78	7.63E+02
01/06/2018 10:13	0.01	0.01	0.01	1.12	13.96	7.58E+02
01/06/2018 10:28	0.01	0.01	0.01	1.16	14.17	7.65E+02
01/06/2018 10:43	0.01	0.01	0.01	1.21	14.4	7.65E+02
01/06/2018 10:58	0.01	0.01	0.01	1.28	14.75	7.61E+02
01/06/2018 11:13	0.01	0.01	0.01	1.42	14.95	7.52E+02
01/06/2018 11:28	0.01	0.01	0.01	1.49	14.79	7.59E+02
01/06/2018 11:43	0.01	0.01	0.01	1.54	14.65	7.59E+02
01/06/2018 11:58	0.01	0.01	0.01	1.55	14.6	7.58E+02
01/06/2018 12:13	0.01	0.01	0.01	1.59	14.66	7.57E+02
01/06/2018 12:28	0.01	0.01	0.01	1.62	14.72	7.60E+02
01/06/2018 12:43	0.01	0.01	0.01	1.64	14.78	7.58E+02
01/06/2018 12:58	0.01	0.01	0.01	1.66	14.84	7.53E+02
01/06/2018 13:13	0.01	0.01	0.01	1.67	14.87	7.59E+02
01/06/2018 13:28	0.01	0.01	0.01	1.59	14.79	7.63E+02
01/06/2018 13:43	0.01	0.01	0.01	1.64	14.85	7.54E+02
01/06/2018 13:58	0.01	0.01	0.01	1.67	14.97	7.55E+02
01/06/2018 14:13	0.01	0.01	0.01	1.69	15.06	7.57E+02
01/06/2018 14:28	0.01	0.01	0.01	1.66	15.08	7.59E+02
01/06/2018 14:43	0.01	0.01	0.01	1.67	15.27	7.59E+02
01/06/2018 14:58	0.01	0.01	0.01	1.66	15.72	7.64E+02
01/06/2018 15:13	0.01	0.01	0.01	1.62	16.13	7.68E+02
01/06/2018 15:28	0.01	0.01	0.01	1.59	16.45	7.65E+02
01/06/2018 15:43	0.01	0.01	0.01	1.57	16.87	7.74E+02
01/06/2018 15:58	0.01	0.01	0.01	1.6	17.46	7.65E+02
01/06/2018 16:13	0.01	0.01	0.01	1.62	18.02	7.90E+02
01/06/2018 16:28	0.01	0.01	0.01	1.71	17.84	7.71E+02
01/06/2018 16:43	0.01	0.01	0.01	1.72	16.94	7.70E+02
01/06/2018 16:58	0.01	0.01	0.01	1.72	15.99	7.47E+02
01/06/2018 17:13	0.01	0.01	0.01	1.58	15.31	7.55E+02
01/06/2018 17:28	0.01	0.01	0.01	1.46	14.91	7.58E+02
01/06/2018 17:43	0.01	0.01	0.01	1.34	14.65	7.42E+02
01/06/2018 17:58	0.01	0.01	0.01	1.24	14.64	7.58E+02
01/06/2018 18:13	0.01	0.01	0.01	1.17	14.75	7.62E+02
01/06/2018 18:28	0.01	0.01	0.01	1.1	14.85	7.64E+02
01/06/2018 18:43	0.01	0.01	0.01	1.06	14.96	7.66E+02

01/06/2018 18:58	0.01	0.01	0.01	1.03	15.09	7.65E+02
01/06/2018 19:13	0.01	0.01	0.01	0.99	15.19	7.72E+02
01/06/2018 19:28	0.01	0.01	0.01	0.94	15.25	7.72E+02
01/06/2018 19:43	0.01	0.01	0.01	0.89	15.31	7.69E+02
01/06/2018 19:58	0.01	0.01	0.01	0.84	15.36	7.70E+02
01/06/2018 20:13	0.01	0.01	0.01	0.8	15.4	7.70E+02
01/06/2018 20:28	0.01	0.01	0.01	0.75	15.42	7.70E+02
01/06/2018 20:43	0.01	0.01	0.01	0.71	15.44	7.76E+02
01/06/2018 20:58	0.01	0.01	0.01	0.68	15.45	7.71E+02
01/06/2018 21:13	0.01	0.01	0.01	0.65	15.45	7.72E+02
01/06/2018 21:28	0.01	0.01	0.01	0.63	15.45	7.68E+02
01/06/2018 21:43	0.01	0.01	0.01	0.61	15.43	7.67E+02
01/06/2018 21:58	0.01	0.01	0.01	0.6	15.44	7.66E+02
01/06/2018 22:13	0.01	0.01	0.01	0.59	15.1	7.73E+02
01/06/2018 22:28	0.01	0.01	0.01	0.65	14.26	7.73E+02
01/06/2018 22:43	0.01	0.01	0.01	0.71	13.82	7.63E+02
01/06/2018 22:58	0.01	0.01	0.01	0.71	13.62	7.64E+02
01/06/2018 23:13	0.01	0.01	0.01	0.7	13.59	7.64E+02
01/06/2018 23:28	0.01	0.01	0.01	0.69	13.56	7.63E+02
01/06/2018 23:43	0.01	0.01	0.01	0.7	13.47	7.60E+02
01/06/2018 23:58	0.01	0.01	0.01	0.7	13.41	7.61E+02
02/06/2018 00:13	0.01	0.01	0.01	0.7	13.37	7.61E+02
02/06/2018 00:28	0.01	0.01	0.01	0.69	13.34	7.63E+02
02/06/2018 00:43	0.01	0.01	0.01	0.69	13.33	7.61E+02
02/06/2018 00:58	0.01	0.01	0.01	0.68	13.33	7.59E+02
02/06/2018 01:13	0.01	0.01	0.01	0.68	13.32	7.58E+02
02/06/2018 01:28	0.01	0.01	0.01	0.7	13.32	7.60E+02
02/06/2018 01:43	0.01	0.01	0.01	0.72	13.32	7.57E+02
02/06/2018 01:58	0.01	0.01	0.01	0.73	13.31	7.57E+02
02/06/2018 02:13	0.01	0.01	0.01	0.74	13.29	7.58E+02
02/06/2018 02:28	0.01	0.01	0.01	0.73	13.26	7.58E+02
02/06/2018 02:43	0.01	0.01	0.01	0.71	13.36	7.62E+02
02/06/2018 02:58	0.01	0.01	0.01	0.72	13.37	7.58E+02
02/06/2018 03:13	0.01	0.01	0.01	0.73	13.26	7.59E+02
02/06/2018 03:28	0.01	0.01	0.01	0.74	13.19	7.56E+02
02/06/2018 03:43	0.01	0.01	0.01	0.75	13.13	7.53E+02
02/06/2018 03:58	0.01	0.01	0.01	0.73	13.08	7.55E+02
02/06/2018 04:13	0.01	0.01	0.01	0.73	13.03	7.54E+02
02/06/2018 04:28	0.01	0.01	0.01	0.72	12.98	7.63E+02
02/06/2018 04:43	0.01	0.01	0.01	0.72	12.93	7.56E+02
02/06/2018 04:58	0.01	0.01	0.01	0.72	12.9	7.56E+02
02/06/2018 05:13	0.01	0.01	0.01	0.73	12.88	7.54E+02
02/06/2018 05:28	0.01	0.01	0.01	0.72	12.84	7.54E+02
02/06/2018 05:43	0.01	0.01	0.01	0.72	12.79	7.55E+02
02/06/2018 05:58	0.01	0.01	0.01	0.73	12.75	7.53E+02
02/06/2018 06:13	0.01	0.01	0.01	0.73	12.71	7.49E+02
02/06/2018 06:28	0.01	0.01	0.01	0.73	12.68	7.47E+02
02/06/2018 06:43	0.01	0.01	0.01	0.75	12.67	7.51E+02
02/06/2018 06:58	0.01	0.01	0.01	0.76	12.69	7.51E+02
02/06/2018 07:13	0.01	0.01	0.01	0.78	12.71	7.50E+02

02/06/2018 07:28	0.01	0.01	0.01	0.79	12.74	7.58E+02
02/06/2018 07:43	0.01	0.01	0.01	0.79	12.89	7.63E+02
02/06/2018 07:58	0.01	0.01	0.01	0.83	13.08	7.61E+02
02/06/2018 08:13	0.01	0.01	0.01	0.83	13.11	7.60E+02
02/06/2018 08:28	0.01	0.01	0.01	0.88	13.18	7.57E+02
02/06/2018 08:43	0.01	0.01	0.01	0.96	13.27	7.58E+02
02/06/2018 08:58	0.01	0.01	0.01	1.01	13.4	7.58E+02
02/06/2018 09:13	0.01	0.01	0.01	1.08	13.58	7.59E+02
02/06/2018 09:28	0.01	0.01	0.01	1.14	13.81	7.63E+02
02/06/2018 09:43	0.01	0.01	0.01	1.18	14.03	7.66E+02
02/06/2018 09:58	0.01	0.01	0.01	1.27	14.39	7.71E+02
02/06/2018 10:13	0.01	0.01	0.01	1.33	14.79	7.63E+02
02/06/2018 10:28	0.01	0.01	0.01	1.36	15.2	7.70E+02
02/06/2018 10:43	0.01	0.01	0.01	1.38	15.51	7.75E+02
02/06/2018 10:58	0.01	0.01	0.01	1.39	15.84	7.77E+02
02/06/2018 11:13	0.01	0.01	0.01	1.36	16.04	7.85E+02
02/06/2018 11:28	0.01	0.01	0.01	1.38	16.33	7.85E+02
02/06/2018 11:43	0.01	0.01	0.01	1.47	16.32	7.66E+02
02/06/2018 11:58	0.01	0.01	0.01	1.53	15.9	7.68E+02
02/06/2018 12:13	0.01	0.01	0.01	1.53	15.24	7.64E+02
02/06/2018 12:28	0.01	0.01	0.01	1.55	14.95	7.60E+02
02/06/2018 12:43	0.01	0.01	0.01	1.54	14.87	7.65E+02
02/06/2018 12:58	0.01	0.01	0.01	1.54	14.85	7.48E+02
02/06/2018 13:13	0.01	0.01	0.01	1.56	14.95	7.46E+02
02/06/2018 13:28	0.01	0.01	0.01	1.5	14.93	7.47E+02
02/06/2018 13:43	0.01	0.01	0.01	1.52	14.99	7.53E+02
02/06/2018 13:58	0.01	0.01	0.01	1.55	15.05	7.48E+02
02/06/2018 14:13	0.01	0.01	0.01	1.57	15.08	7.48E+02
02/06/2018 14:28	0.01	0.01	0.01	1.58	15.11	7.43E+02
02/06/2018 14:43	0.01	0.01	0.01	1.58	15.14	7.46E+02
02/06/2018 14:58	0.01	0.01	0.01	1.6	15.21	7.48E+02
02/06/2018 15:13	0.02	0.01	0.01	1.63	15.32	7.51E+02
02/06/2018 15:28	0.01	0.01	0.01	1.62	15.52	7.58E+02
02/06/2018 15:43	0.01	0.01	0.01	1.61	15.98	7.67E+02
02/06/2018 15:58	0.01	0.01	0.01	1.62	16.5	7.72E+02
02/06/2018 16:13	0.02	0.01	0.01	1.64	17.02	7.81E+02
02/06/2018 16:28	0.01	0.01	0.01	1.64	17.52	7.85E+02
02/06/2018 16:43	0.01	0.01	0.01	1.63	17.98	7.93E+02
02/06/2018 16:58	0.01	0.01	0.01	1.62	18.27	7.90E+02
02/06/2018 17:13	0.01	0.01	0.01	1.64	17.65	7.68E+02
02/06/2018 17:28	0.01	0.01	0.01	1.6	16.45	7.67E+02
02/06/2018 17:43	0.01	0.01	0.01	1.55	15.61	7.55E+02
02/06/2018 17:58	0.01	0.01	0.01	1.46	15.12	7.50E+02
02/06/2018 18:13	0.01	0.01	0.01	1.35	14.81	7.60E+02
02/06/2018 18:28	0.01	0.01	0.01	1.24	14.61	7.60E+02
02/06/2018 18:43	0.01	0.01	0.01	1.15	14.49	7.62E+02
02/06/2018 18:58	0.01	0.01	0.01	1.09	14.48	7.60E+02
02/06/2018 19:13	0.01	0.01	0.01	1.03	14.57	7.67E+02
02/06/2018 19:28	0.01	0.01	0.01	0.99	14.65	7.68E+02
02/06/2018 19:43	0.01	0.01	0.01	0.95	14.73	7.69E+02

02/06/2018 19:58	0.01	0.01	0.01	0.92	14.8	7.71E+02
02/06/2018 20:13	0.01	0.01	0.01	0.89	14.87	7.70E+02
02/06/2018 20:28	0.01	0.01	0.01	0.86	14.93	7.71E+02
02/06/2018 20:43	0.01	0.01	0.01	0.83	14.98	7.67E+02
02/06/2018 20:58	0.01	0.01	0.01	0.8	15.02	7.66E+02
02/06/2018 21:13	0.01	0.01	0.01	0.77	15.05	7.62E+02
02/06/2018 21:28	0.01	0.01	0.01	0.74	15.06	7.64E+02
02/06/2018 21:43	0.01	0.01	0.01	0.72	15.07	7.62E+02
02/06/2018 21:58	0.01	0.01	0.01	0.7	15.07	7.57E+02
02/06/2018 22:13	0.01	0.01	0.01	0.68	15.07	7.63E+02
02/06/2018 22:28	0.01	0.01	0.01	0.67	15.07	7.60E+02
02/06/2018 22:43	0.01	0.01	0.01	0.66	15.07	7.59E+02
02/06/2018 22:58	0.01	0.01	0.01	0.65	15.05	7.58E+02
02/06/2018 23:13	0.01	0.01	0.01	0.64	15.06	7.61E+02
02/06/2018 23:28	0.01	0.01	0.01	0.64	14.7	7.63E+02
02/06/2018 23:43	0.01	0.01	0.01	0.71	14.11	7.63E+02
02/06/2018 23:58	0.01	0.01	0.01	0.73	13.8	7.60E+02
03/06/2018 00:13	0.01	0.01	0.01	0.73	13.66	7.52E+02
03/06/2018 00:28	0.01	0.01	0.01	0.73	13.58	7.52E+02
03/06/2018 00:43	0.01	0.01	0.01	0.72	13.53	7.51E+02
03/06/2018 00:58	0.01	0.01	0.01	0.72	13.5	7.51E+02
03/06/2018 01:13	0.01	0.01	0.01	0.72	13.47	7.49E+02
03/06/2018 01:28	0.01	0.01	0.01	0.72	13.44	7.53E+02
03/06/2018 01:43	0.01	0.01	0.01	0.73	13.42	7.50E+02
03/06/2018 01:58	0.01	0.01	0.01	0.74	13.41	7.54E+02
03/06/2018 02:13	0.01	0.01	0.01	0.74	13.4	7.51E+02
03/06/2018 02:28	0.01	0.01	0.01	0.75	13.4	7.51E+02
03/06/2018 02:43	0.01	0.01	0.01	0.75	13.4	7.55E+02
03/06/2018 02:58	0.01	0.01	0.01	0.75	13.41	7.53E+02
03/06/2018 03:13	0.01	0.01	0.01	0.75	13.41	7.51E+02
03/06/2018 03:28	0.01	0.01	0.01	0.76	13.42	7.52E+02
03/06/2018 03:43	0.01	0.01	0.01	0.75	13.43	7.51E+02
03/06/2018 03:58	0.01	0.01	0.01	0.78	13.44	7.55E+02
03/06/2018 04:13	0.01	0.01	0.01	0.78	13.42	7.53E+02
03/06/2018 04:28	0.01	0.01	0.01	0.78	13.4	7.58E+02
03/06/2018 04:43	0.01	0.01	0.01	0.77	13.38	7.54E+02
03/06/2018 04:58	0.01	0.01	0.01	0.78	13.38	7.55E+02
03/06/2018 05:13	0.01	0.01	0.01	0.78	13.38	7.56E+02
03/06/2018 05:28	0.01	0.01	0.01	0.78	13.38	7.56E+02
03/06/2018 05:43	0.01	0.01	0.01	0.78	13.37	7.57E+02
03/06/2018 05:58	0.01	0.01	0.01	0.77	13.36	7.53E+02
03/06/2018 06:13	0.01	0.01	0.01	0.78	13.35	7.60E+02
03/06/2018 06:28	0.01	0.01	0.01	0.76	13.52	7.61E+02
03/06/2018 06:43	0.01	0.01	0.01	0.77	13.5	7.53E+02
03/06/2018 06:58	0.01	0.01	0.01	0.79	13.42	7.53E+02
03/06/2018 07:13	0.01	0.01	0.01	0.8	13.39	7.56E+02
03/06/2018 07:28	0.01	0.01	0.01	0.82	13.39	7.56E+02
03/06/2018 07:43	0.01	0.01	0.01	0.83	13.41	7.59E+02
03/06/2018 07:58	0.01	0.01	0.01	0.84	13.45	7.60E+02
03/06/2018 08:13	0.01	0.01	0.01	0.87	13.51	7.59E+02

03/06/2018 08:28	0.01	0.01	0.01	0.9	13.6	7.60E+02
03/06/2018 08:43	0.01	0.01	0.01	0.95	13.73	7.59E+02
03/06/2018 08:58	0.01	0.01	0.01	1	13.86	7.60E+02
03/06/2018 09:13	0.01	0.01	0.01	1.03	14	7.60E+02
03/06/2018 09:28	0.01	0.01	0.01	1.07	14.16	7.60E+02
03/06/2018 09:43	0.01	0.01	0.01	1.11	14.34	7.67E+02
03/06/2018 09:58	0.01	0.01	0.01	1.13	14.5	7.71E+02
03/06/2018 10:13	0.01	0.01	0.01	1.15	14.68	7.69E+02
03/06/2018 10:28	0.01	0.01	0.01	1.19	14.9	7.70E+02
03/06/2018 10:43	0.01	0.01	0.01	1.22	15.28	7.59E+02
03/06/2018 10:58	0.01	0.01	0.01	1.26	15	7.60E+02
03/06/2018 11:13	0.01	0.01	0.01	1.34	14.78	7.62E+02
03/06/2018 11:28	0.01	0.01	0.01	1.37	14.67	7.57E+02
03/06/2018 11:43	0.01	0.01	0.01	1.38	14.59	7.61E+02
03/06/2018 11:58	0.01	0.01	0.01	1.4	14.59	7.57E+02
03/06/2018 12:13	0.01	0.01	0.01	1.44	14.69	7.54E+02
03/06/2018 12:28	0.01	0.01	0.01	1.47	14.77	7.56E+02
03/06/2018 12:43	0.01	0.01	0.01	1.54	14.98	7.39E+02
03/06/2018 12:58	0.01	0.01	0.01	1.59	15.12	7.40E+02
03/06/2018 13:13	0.02	0.01	0.01	1.63	15.2	7.45E+02
03/06/2018 13:28	0.04	0.01	0.01	1.64	15.24	7.53E+02
03/06/2018 13:43	0.01	0.01	0.01	1.64	15.24	7.52E+02
03/06/2018 13:58	0.01	0.01	0.01	1.57	15.17	7.45E+02
03/06/2018 14:13	0.01	0.01	0.01	1.58	15.12	7.40E+02
03/06/2018 14:28	0.01	0.01	0.01	1.59	15.1	7.39E+02
03/06/2018 14:43	0.01	0.01	0.01	1.57	15.06	7.49E+02
03/06/2018 14:58	0.01	0.01	0.01	1.56	15.14	7.55E+02
03/06/2018 15:13	0.01	0.01	0.01	1.56	15.44	7.49E+02
03/06/2018 15:28	0.01	0.01	0.01	1.55	15.83	7.63E+02
03/06/2018 15:43	0.01	0.01	0.01	1.57	16.17	7.72E+02
03/06/2018 15:58	0.01	0.01	0.01	1.41	16.47	7.74E+02
03/06/2018 16:13	0.01	0.01	0.01	1.51	16.89	7.77E+02
03/06/2018 16:28	0.01	0.01	0.01	1.49	17.15	7.82E+02
03/06/2018 16:43	0.01	0.01	0.01	1.5	17.49	7.82E+02
03/06/2018 16:58	0.01	0.01	0.01	1.57	17.19	7.58E+02
03/06/2018 17:13	0.01	0.01	0.01	1.54	16.2	7.70E+02
03/06/2018 17:28	0.01	0.01	0.01	1.5	15.41	7.51E+02
03/06/2018 17:43	0.01	0.01	0.01	1.43	15	7.58E+02
03/06/2018 17:58	0.01	0.01	0.01	1.35	14.79	7.65E+02
03/06/2018 18:13	0.01	0.01	0.01	1.27	14.77	7.62E+02
03/06/2018 18:28	0.01	0.01	0.01	1.21	14.87	7.61E+02
03/06/2018 18:43	0.01	0.01	0.01	1.18	14.97	7.63E+02
03/06/2018 18:58	0.01	0.01	0.01	1.15	15.09	7.70E+02
03/06/2018 19:13	0.01	0.01	0.01	1.14	15.2	7.69E+02
03/06/2018 19:28	0.01	0.01	0.01	1.11	15.3	7.70E+02
03/06/2018 19:43	0.01	0.01	0.01	1.08	15.4	7.69E+02
03/06/2018 19:58	0.01	0.01	0.01	1.05	15.48	7.67E+02
03/06/2018 20:13	0.01	0.01	0.01	1.02	15.55	7.68E+02
03/06/2018 20:28	0.01	0.01	0.01	0.98	15.6	7.74E+02
03/06/2018 20:43	0.01	0.01	0.01	0.95	15.65	7.72E+02

03/06/2018 20:58	0.01	0.01	0.01	0.91	15.68	7.70E+02
03/06/2018 21:13	0.01	0.01	0.01	0.88	15.75	7.63E+02
03/06/2018 21:28	0.01	0.01	0.01	0.84	15.77	7.67E+02
03/06/2018 21:43	0.01	0.01	0.01	0.83	15.79	7.68E+02
03/06/2018 21:58	0.01	0.01	0.01	0.81	15.8	7.68E+02
03/06/2018 22:13	0.01	0.01	0.01	0.78	15.8	7.64E+02
03/06/2018 22:28	0.01	0.01	0.01	0.76	15.8	7.67E+02
03/06/2018 22:43	0.01	0.01	0.01	0.73	15.79	7.61E+02
03/06/2018 22:58	0.01	0.01	0.01	0.7	15.85	7.66E+02
03/06/2018 23:13	0.01	0.01	0.01	0.71	15.21	7.66E+02
03/06/2018 23:28	0.01	0.01	0.01	0.79	14.42	7.67E+02
03/06/2018 23:43	0.01	0.01	0.01	0.83	14.06	7.60E+02
03/06/2018 23:58	0.01	0.01	0.01	0.83	13.91	7.54E+02
04/06/2018 00:13	0.01	0.01	0.01	0.82	13.83	7.53E+02
04/06/2018 00:28	0.01	0.01	0.01	0.83	13.79	7.59E+02
04/06/2018 00:43	0.01	0.01	0.01	0.82	13.76	7.59E+02
04/06/2018 00:58	0.01	0.01	0.01	0.83	13.75	7.55E+02
04/06/2018 01:13	0.01	0.01	0.01	0.83	13.74	7.53E+02
04/06/2018 01:28	0.01	0.01	0.01	0.83	13.72	7.55E+02
04/06/2018 01:43	0.01	0.01	0.01	0.83	13.71	7.55E+02
04/06/2018 01:58	0.01	0.01	0.01	0.83	13.7	7.57E+02
04/06/2018 02:13	0.01	0.01	0.01	0.83	13.69	7.55E+02
04/06/2018 02:28	0.01	0.01	0.01	0.83	13.67	7.54E+02
04/06/2018 02:43	0.01	0.01	0.01	0.84	13.66	7.57E+02
04/06/2018 02:58	0.01	0.01	0.01	0.84	13.68	7.60E+02
04/06/2018 03:13	0.01	0.01	0.01	0.84	13.71	7.59E+02
04/06/2018 03:28	0.01	0.01	0.01	0.85	13.74	7.61E+02
04/06/2018 03:43	0.01	0.01	0.01	0.84	13.78	7.59E+02
04/06/2018 03:58	0.01	0.01	0.01	0.84	13.82	7.65E+02
04/06/2018 04:13	0.01	0.01	0.01	0.84	13.85	7.60E+02
04/06/2018 04:28	0.01	0.01	0.01	0.84	13.88	7.61E+02
04/06/2018 04:43	0.01	0.01	0.01	0.84	13.91	7.61E+02
04/06/2018 04:58	0.01	0.01	0.01	0.84	13.92	7.60E+02
04/06/2018 05:13	0.01	0.01	0.01	0.83	13.94	7.60E+02
04/06/2018 05:28	0.01	0.01	0.01	0.83	13.94	7.64E+02
04/06/2018 05:43	0.01	0.01	0.01	0.82	13.94	7.59E+02
04/06/2018 05:58	0.01	0.01	0.01	0.81	13.92	7.60E+02
04/06/2018 06:13	0.01	0.01	0.01	0.81	13.91	7.58E+02
04/06/2018 06:28	0.01	0.01	0.01	0.82	14.05	7.68E+02
04/06/2018 06:43	0.01	0.01	0.01	0.85	14	7.56E+02
04/06/2018 06:58	0.01	0.01	0.01	0.88	13.82	7.56E+02
04/06/2018 07:13	0.01	0.01	0.01	0.9	13.72	7.55E+02
04/06/2018 07:28	0.01	0.01	0.01	0.93	13.68	7.58E+02
04/06/2018 07:43	0.01	0.01	0.01	0.93	13.67	7.57E+02
04/06/2018 07:58	0.01	0.01	0.01	0.93	13.7	7.58E+02
04/06/2018 08:13	0.01	0.01	0.01	0.95	13.75	7.56E+02
04/06/2018 08:28	0.01	0.01	0.01	0.95	13.81	7.60E+02
04/06/2018 08:43	0.01	0.01	0.01	0.94	13.86	7.62E+02
04/06/2018 08:58	0.01	0.01	0.01	0.94	13.91	7.62E+02
04/06/2018 09:13	0.01	0.01	0.01	0.95	13.99	7.62E+02

04/06/2018 09:28	0.01	0.01	0.01	0.97	14.08	7.69E+02
04/06/2018 09:43	0.01	0.01	0.01	0.99	14.19	7.62E+02
04/06/2018 09:58	0.01	0.01	0.01	1.04	14.33	7.66E+02
04/06/2018 10:13	0.01	0.01	0.01	1.09	14.54	7.66E+02
04/06/2018 10:28	0.01	0.01	0.01	1.2	15.07	7.61E+02
04/06/2018 10:43	0.01	0.01	0.01	1.26	14.94	7.61E+02
04/06/2018 10:58	0.01	0.01	0.01	1.26	14.63	7.51E+02
04/06/2018 11:13	0.01	0.01	0.01	1.32	14.54	7.63E+02
04/06/2018 11:28	0.01	0.01	0.01	1.35	14.52	7.54E+02
04/06/2018 11:43	0.01	0.01	0.01	1.44	14.67	7.54E+02
04/06/2018 11:58	0.01	0.01	0.01	1.54	14.91	7.44E+02
04/06/2018 12:13	0.01	0.01	0.01	1.54	14.9	7.55E+02
04/06/2018 12:28	0.01	0.01	0.01	1.56	15	7.49E+02
04/06/2018 12:43	0.01	0.01	0.01	1.59	15.31	7.47E+02
04/06/2018 12:58	0.01	0.01	0.01	1.62	15.78	7.60E+02
04/06/2018 13:13	0.01	0.01	0.01	1.54	15.91	7.69E+02
04/06/2018 13:28	0.01	0.01	0.01	1.49	16.11	7.70E+02
04/06/2018 13:43	0.01	0.01	0.01	1.35	16.26	7.79E+02
04/06/2018 13:58	0.01	0.01	0.01	1.47	16.79	7.84E+02
04/06/2018 14:13	0.01	0.01	0.01	1.58	17.12	7.60E+02
04/06/2018 14:28	0.01	0.01	0.01	1.6	16.68	7.57E+02
04/06/2018 14:43	0.01	0.01	0.01	1.65	16.08	7.65E+02
04/06/2018 14:58	0.01	0.01	0.01	1.66	15.65	7.58E+02
04/06/2018 15:13	0.01	0.01	0.01	1.8	15.54	7.58E+02
04/06/2018 15:28	0.01	0.01	0.01	1.62	15.41	7.56E+02
04/06/2018 15:43	0.01	0.01	0.01	1.63	15.41	7.56E+02
04/06/2018 15:58	0.01	0.01	0.01	1.65	15.47	7.52E+02
04/06/2018 16:13	0.01	0.01	0.01	1.63	15.71	7.51E+02
04/06/2018 16:28	0.01	0.01	0.01	1.63	16.14	7.68E+02
04/06/2018 16:43	0.01	0.01	0.01	1.63	16.58	7.71E+02
04/06/2018 16:58	0.01	0.01	0.01	1.56	16.77	7.81E+02
04/06/2018 17:13	0.01	0.01	0.01	1.48	16.87	7.80E+02
04/06/2018 17:28	0.01	0.01	0.01	1.4	17	7.86E+02
04/06/2018 17:43	0.01	0.01	0.01	1.31	17.12	7.87E+02
04/06/2018 17:58	0.01	0.01	0.01	1.25	17.24	7.87E+02
04/06/2018 18:13	0.01	0.01	0.01	1.16	17.32	7.93E+02
04/06/2018 18:28	0.01	0.01	0.01	1.17	17.22	7.75E+02
04/06/2018 18:43	0.01	0.01	0.01	1.19	16.54	7.65E+02
04/06/2018 18:58	0.01	0.01	0.01	1.22	15.46	7.67E+02
04/06/2018 19:13	0.01	0.01	0.01	1.21	14.88	7.62E+02
04/06/2018 19:28	0.01	0.01	0.01	1.15	14.61	7.58E+02
04/06/2018 19:43	0.01	0.01	0.01	1.1	14.47	7.62E+02
04/06/2018 19:58	0.01	0.01	0.01	1.06	14.37	7.65E+02
04/06/2018 20:13	0.01	0.01	0.01	1.04	14.3	7.65E+02
04/06/2018 20:28	0.01	0.01	0.01	1.01	14.24	7.66E+02
04/06/2018 20:43	0.01	0.01	0.01	0.98	14.18	7.65E+02
04/06/2018 20:58	0.01	0.01	0.01	0.94	14.12	7.58E+02
04/06/2018 21:13	0.01	0.01	0.01	0.93	14.07	7.60E+02
04/06/2018 21:28	0.01	0.01	0.01	0.92	14.03	7.60E+02
04/06/2018 21:43	0.01	0.01	0.01	0.89	13.97	7.65E+02

04/06/2018 21:58	0.01	0.01	0.01	0.87	13.96	7.59E+02
04/06/2018 22:13	0.01	0.01	0.01	0.85	13.96	7.60E+02
04/06/2018 22:28	0.01	0.01	0.01	0.84	13.97	7.63E+02
04/06/2018 22:43	0.01	0.01	0.01	0.83	13.97	7.56E+02
04/06/2018 22:58	0.01	0.01	0.01	0.83	13.97	7.65E+02
04/06/2018 23:13	0.01	0.01	0.01	0.82	13.97	7.58E+02
04/06/2018 23:28	0.01	0.01	0.01	0.82	13.95	7.64E+02
04/06/2018 23:43	0.01	0.01	0.01	0.81	13.95	7.58E+02
04/06/2018 23:58	0.01	0.01	0.01	0.81	13.94	7.60E+02
05/06/2018 00:13	0.01	0.01	0.01	0.8	13.93	7.57E+02
05/06/2018 00:28	0.01	0.01	0.01	0.79	13.97	7.63E+02
05/06/2018 00:43	0.01	0.01	0.01	0.79	14.09	7.64E+02
05/06/2018 00:58	0.01	0.01	0.01	0.84	13.91	7.57E+02
05/06/2018 01:13	0.01	0.01	0.01	0.84	13.77	7.58E+02
05/06/2018 01:28	0.01	0.01	0.01	0.85	13.7	7.55E+02
05/06/2018 01:43	0.01	0.01	0.01	0.85	13.67	7.56E+02
05/06/2018 01:58	0.01	0.01	0.01	0.86	13.66	7.59E+02
05/06/2018 02:13	0.01	0.01	0.01	0.86	13.67	7.58E+02
05/06/2018 02:28	0.01	0.01	0.01	0.86	13.69	7.56E+02
05/06/2018 02:43	0.01	0.01	0.01	0.86	13.7	7.56E+02
05/06/2018 02:58	0.01	0.01	0.01	0.87	13.73	7.64E+02
05/06/2018 03:13	0.01	0.01	0.01	0.88	13.75	7.63E+02
05/06/2018 03:28	0.01	0.01	0.01	0.88	13.78	7.61E+02
05/06/2018 03:43	0.01	0.01	0.01	0.91	13.82	7.58E+02
05/06/2018 03:58	0.01	0.01	0.01	0.91	13.85	7.65E+02
05/06/2018 04:13	0.01	0.01	0.01	0.92	13.89	7.66E+02
05/06/2018 04:28	0.01	0.01	0.01	0.92	13.92	7.65E+02
05/06/2018 04:43	0.01	0.01	0.01	0.93	13.96	7.59E+02
05/06/2018 04:58	0.01	0.01	0.01	0.93	13.99	7.66E+02
05/06/2018 05:13	0.01	0.01	0.01	0.94	14.03	7.60E+02
05/06/2018 05:28	0.01	0.01	0.01	0.93	14.07	7.61E+02
05/06/2018 05:43	0.01	0.01	0.01	0.94	14.13	7.69E+02
05/06/2018 05:58	0.01	0.01	0.01	0.93	14.32	7.68E+02
05/06/2018 06:13	0.01	0.01	0.01	1.02	14.11	7.66E+02
05/06/2018 06:28	0.01	0.01	0.01	0.99	13.91	7.67E+02
05/06/2018 06:43	0.01	0.01	0.01	1	13.82	7.59E+02
05/06/2018 06:58	0.01	0.01	0.01	1	13.78	7.58E+02
05/06/2018 07:13	0.01	0.01	0.01	1.01	13.76	7.57E+02
05/06/2018 07:28	0.01	0.01	0.01	1.01	13.76	7.58E+02
05/06/2018 07:43	0.01	0.01	0.01	1.02	13.76	7.61E+02
05/06/2018 07:58	0.01	0.01	0.01	1.02	13.76	7.61E+02
05/06/2018 08:13	0.01	0.01	0.01	1.02	13.76	7.59E+02
05/06/2018 08:28	0.01	0.01	0.01	1.03	13.77	7.55E+02
05/06/2018 08:43	0.01	0.01	0.01	1.04	13.8	7.58E+02
05/06/2018 08:58	0.01	0.01	0.01	1.06	13.85	7.60E+02
05/06/2018 09:13	0.01	0.01	0.01	1.1	13.97	7.67E+02
05/06/2018 09:28	0.01	0.01	0.01	1.12	14.09	7.65E+02
05/06/2018 09:43	0.01	0.01	0.01	1.14	14.24	7.64E+02
05/06/2018 09:58	0.01	0.01	0.01	1.18	14.41	7.68E+02
05/06/2018 10:13	0.01	0.01	0.01	1.27	14.69	7.68E+02

05/06/2018 10:28	0.01	0.01	0.01	1.26	14.89	7.63E+02
05/06/2018 10:43	0.01	0.01	0.01	1.31	15.13	7.69E+02
05/06/2018 10:58	0.01	0.01	0.01	1.38	15.5	7.69E+02
05/06/2018 11:13	0.01	0.01	0.01	1.42	15.81	7.76E+02
05/06/2018 11:28	0.01	0.01	0.01	1.43	16.04	7.75E+02
05/06/2018 11:43	0.01	0.01	0.01	1.45	16.32	7.76E+02
05/06/2018 11:58	0.01	0.01	0.01	1.51	16.49	7.63E+02
05/06/2018 12:13	0.01	0.01	0.01	1.52	16.09	7.63E+02
05/06/2018 12:28	0.01	0.01	0.01	1.52	15.37	7.62E+02
05/06/2018 12:43	0.01	0.01	0.01	1.57	15.1	7.42E+02
05/06/2018 12:58	0.01	0.01	0.01	1.57	15	7.50E+02
05/06/2018 13:13	0.01	0.01	0.01	1.57	14.96	7.54E+02
05/06/2018 13:28	0.01	0.01	0.01	1.54	14.9	7.60E+02
05/06/2018 13:43	0.01	0.01	0.01	1.54	14.89	7.61E+02
05/06/2018 13:58	0.01	0.01	0.01	1.57	14.95	7.54E+02
05/06/2018 14:13	0.01	0.01	0.01	1.6	15.06	7.52E+02
05/06/2018 14:28	0.01	0.01	0.01	1.58	15.03	7.50E+02
05/06/2018 14:43	0.01	0.01	0.01	1.51	14.93	7.59E+02
05/06/2018 14:58	0.01	0.01	0.01	1.53	14.96	7.58E+02
05/06/2018 15:13	0.01	0.01	0.01	1.48	14.85	7.53E+02
05/06/2018 15:28	0.01	0.01	0.01	1.38	14.65	7.63E+02
05/06/2018 15:43	0.01	0.01	0.01	1.33	14.44	7.59E+02
05/06/2018 15:58	0.01	0.01	0.01	1.23	14.27	7.60E+02
05/06/2018 16:13	0.01	0.01	0.01	1.17	14.18	7.59E+02
05/06/2018 16:28	0.01	0.01	0.01	1.14	14.12	7.61E+02
05/06/2018 16:43	0.01	0.01	0.01	1.13	14.13	7.66E+02
05/06/2018 16:58	0.01	0.01	0.01	1.14	14.23	7.59E+02
05/06/2018 17:13	0.01	0.01	0.01	1.14	14.36	7.58E+02
05/06/2018 17:28	0.01	0.01	0.01	1.19	14.53	7.64E+02
05/06/2018 17:43	0.01	0.01	0.01	1.24	14.71	7.66E+02
05/06/2018 17:58	0.01	0.01	0.01	1.26	14.89	7.66E+02
05/06/2018 18:13	0.01	0.01	0.01	1.25	15.01	7.69E+02
05/06/2018 18:28	0.01	0.01	0.01	1.19	15.08	7.70E+02
05/06/2018 18:43	0.01	0.01	0.01	1.13	15.12	7.70E+02
05/06/2018 18:58	0.01	0.01	0.01	1.09	15.17	7.71E+02
05/06/2018 19:13	0.01	0.01	0.01	1.06	15.21	7.76E+02
05/06/2018 19:28	0.01	0.01	0.01	1.03	15.26	7.74E+02
05/06/2018 19:43	0.01	0.01	0.01	1.02	15.3	7.72E+02
05/06/2018 19:58	0.01	0.01	0.01	0.99	15.34	7.73E+02
05/06/2018 20:13	0.01	0.01	0.01	0.98	15.49	7.67E+02
05/06/2018 20:28	0.01	0.01	0.01	0.99	14.97	7.66E+02
05/06/2018 20:43	0.01	0.01	0.01	1.03	14.42	7.61E+02
05/06/2018 20:58	0.01	0.01	0.01	1.04	14.12	7.67E+02
05/06/2018 21:13	0.01	0.01	0.01	1.03	13.96	7.61E+02
05/06/2018 21:28	0.01	0.01	0.01	1.02	13.86	7.61E+02
05/06/2018 21:43	0.01	0.01	0.01	1	13.79	7.58E+02
05/06/2018 21:58	0.01	0.01	0.01	0.99	13.75	7.57E+02
05/06/2018 22:13	0.01	0.01	0.01	0.98	13.72	7.57E+02
05/06/2018 22:28	0.01	0.01	0.01	0.99	13.71	7.59E+02
05/06/2018 22:43	0.01	0.01	0.01	0.99	13.7	7.64E+02

05/06/2018 22:58	0.01	0.01	0.01	0.99	13.69	7.61E+02
05/06/2018 23:13	0.01	0.01	0.01	0.99	13.71	7.56E+02
05/06/2018 23:28	0.01	0.01	0.01	1	13.73	7.64E+02
05/06/2018 23:43	0.01	0.01	0.01	1	13.76	7.58E+02
05/06/2018 23:58	0.01	0.01	0.01	0.99	13.79	7.63E+02
06/06/2018 00:13	0.01	0.01	0.01	1	13.83	7.58E+02
06/06/2018 00:28	0.01	0.01	0.01	1	13.87	7.62E+02
06/06/2018 00:43	0.01	0.01	0.01	1	13.91	7.66E+02
06/06/2018 00:58	0.01	0.01	0.01	1	13.95	7.66E+02
06/06/2018 01:13	0.01	0.01	0.01	0.99	14.17	7.65E+02
06/06/2018 01:28	0.01	0.01	0.01	1.01	14.06	7.66E+02
06/06/2018 01:43	0.01	0.01	0.01	1.03	13.9	7.56E+02
06/06/2018 01:58	0.01	0.01	0.01	1.04	13.81	7.62E+02
06/06/2018 02:13	0.01	0.01	0.01	1.03	13.76	7.59E+02
06/06/2018 02:28	0.01	0.01	0.01	1.03	13.76	7.61E+02
06/06/2018 02:43	0.01	0.01	0.01	1.02	13.8	7.61E+02
06/06/2018 02:58	0.01	0.01	0.01	1.03	13.84	7.66E+02
06/06/2018 03:13	0.01	0.01	0.01	1.03	13.88	7.63E+02
06/06/2018 03:28	0.01	0.01	0.01	1.03	13.92	7.64E+02
06/06/2018 03:43	0.01	0.01	0.01	1.03	13.95	7.65E+02
06/06/2018 03:58	0.01	0.01	0.01	1.03	13.99	7.62E+02
06/06/2018 04:13	0.01	0.01	0.01	1.03	14.03	7.68E+02
06/06/2018 04:28	0.01	0.01	0.01	1.03	14.06	7.66E+02
06/06/2018 04:43	0.01	0.01	0.01	1.02	14.08	7.64E+02
06/06/2018 04:58	0.01	0.01	0.01	1.02	14.1	7.66E+02
06/06/2018 05:13	0.01	0.01	0.01	1.01	14.12	7.65E+02
06/06/2018 05:28	0.01	0.01	0.01	1.01	14.14	7.64E+02
06/06/2018 05:43	0.01	0.01	0.01	1.01	14.16	7.64E+02
06/06/2018 05:58	0.01	0.01	0.01	1.01	14.26	7.65E+02
06/06/2018 06:13	0.01	0.01	0.01	1.13	14.23	7.66E+02
06/06/2018 06:28	0.01	0.01	0.01	1.22	13.94	7.60E+02
06/06/2018 06:43	0.01	0.01	0.01	1.25	13.77	7.59E+02
06/06/2018 06:58	0.01	0.01	0.01	1.27	13.7	7.58E+02
06/06/2018 07:13	0.01	0.01	0.01	1.28	13.66	7.55E+02
06/06/2018 07:28	0.01	0.01	0.01	1.29	13.64	7.57E+02
06/06/2018 07:43	0.01	0.01	0.01	1.31	13.63	7.58E+02
06/06/2018 07:58	0.01	0.01	0.01	1.33	13.62	7.55E+02
06/06/2018 08:13	0.01	0.01	0.01	1.33	13.62	7.55E+02
06/06/2018 08:28	0.01	0.01	0.01	1.34	13.62	7.56E+02
06/06/2018 08:43	0.01	0.01	0.01	1.33	13.63	7.56E+02
06/06/2018 08:58	0.01	0.01	0.01	1.35	13.66	7.59E+02
06/06/2018 09:13	0.01	0.01	0.01	1.34	13.7	7.59E+02
06/06/2018 09:28	0.01	0.01	0.01	1.34	13.76	7.69E+02
06/06/2018 09:43	0.01	0.01	0.01	1.34	13.82	7.59E+02
06/06/2018 09:58	0.01	0.01	0.01	1.35	13.9	7.64E+02
06/06/2018 10:13	0.01	0.01	0.01	1.36	14	7.66E+02
06/06/2018 10:28	0.01	0.01	0.01	1.38	14.14	7.66E+02
06/06/2018 10:43	0.01	0.01	0.01	1.42	14.29	7.65E+02
06/06/2018 10:58	0.01	0.01	0.01	1.44	14.45	7.57E+02
06/06/2018 11:13	0.01	0.01	0.01	1.44	14.54	7.65E+02

06/06/2018 11:28	0.01	0.01	0.01	1.46	14.8	7.59E+02
06/06/2018 11:43	0.01	0.01	0.01	1.47	14.71	7.67E+02
06/06/2018 11:58	0.01	0.01	0.01	1.52	14.43	7.62E+02
06/06/2018 12:13	0.01	0.01	0.01	1.53	14.18	7.56E+02
06/06/2018 12:28	0.01	0.01	0.01	1.54	14.09	7.60E+02
06/06/2018 12:43	0.01	0.01	0.01	1.58	14.22	7.62E+02
06/06/2018 12:58	0.01	0.01	0.01	1.6	14.24	7.54E+02
06/06/2018 13:13	0.01	0.01	0.01	1.61	14.26	7.59E+02
06/06/2018 13:28	0.01	0.01	0.01	1.64	14.29	7.58E+02
06/06/2018 13:43	0.01	0.01	0.01	1.66	14.32	7.59E+02
06/06/2018 13:58	0.01	0.01	0.01	1.66	14.27	7.57E+02
06/06/2018 14:13	0.01	0.01	0.01	1.65	14.21	7.55E+02
06/06/2018 14:28	0.01	0.01	0.01	1.63	14.14	7.53E+02
06/06/2018 14:43	0.01	0.01	0.01	1.62	14.13	7.56E+02
06/06/2018 14:58	0.01	0.01	0.01	1.64	14.19	7.54E+02
06/06/2018 15:13	0.01	0.01	0.01	1.65	14.22	7.58E+02
06/06/2018 15:28	0.01	0.01	0.01	1.63	14.22	7.62E+02
06/06/2018 15:43	0.01	0.01	0.01	1.61	14.33	7.61E+02
06/06/2018 15:58	0.01	0.01	0.01	1.62	14.52	7.66E+02
06/06/2018 16:13	0.01	0.01	0.01	1.63	14.68	7.61E+02
06/06/2018 16:28	0.01	0.01	0.01	1.62	14.82	7.65E+02
06/06/2018 16:43	0.01	0.01	0.01	1.69	15.16	7.63E+02
06/06/2018 16:58	0.01	0.01	0.01	1.69	15.36	7.67E+02
06/06/2018 17:13	0.01	0.01	0.01	1.68	15.53	7.60E+02
06/06/2018 17:28	0.01	0.01	0.01	1.75	15.44	7.61E+02
06/06/2018 17:43	0.05	0.01	0.01	1.77	14.96	7.60E+02
06/06/2018 17:58	0.03	0.01	0.01	1.75	14.57	7.63E+02
06/06/2018 18:13	0.01	0.01	0.01	1.66	14.32	7.60E+02
06/06/2018 18:28	0.01	0.01	0.01	1.58	14.28	7.59E+02
06/06/2018 18:43	0.01	0.01	0.01	1.56	14.36	7.58E+02
06/06/2018 18:58	0.01	0.01	0.01	1.54	14.43	7.60E+02
06/06/2018 19:13	0.01	0.01	0.01	1.53	14.5	7.59E+02
06/06/2018 19:28	0.01	0.01	0.01	1.51	14.56	7.61E+02
06/06/2018 19:43	0.01	0.01	0.01	1.5	14.63	7.66E+02
06/06/2018 19:58	0.01	0.01	0.01	1.5	14.75	7.67E+02
06/06/2018 20:13	0.01	0.01	0.01	1.51	14.85	7.66E+02
06/06/2018 20:28	0.01	0.01	0.01	1.49	14.91	7.66E+02
06/06/2018 20:43	0.01	0.01	0.01	1.47	14.94	7.63E+02
06/06/2018 20:58	0.01	0.01	0.01	1.44	14.98	7.67E+02
06/06/2018 21:13	0.01	0.01	0.01	1.41	15	7.60E+02
06/06/2018 21:28	0.01	0.01	0.01	1.38	15.03	7.67E+02
06/06/2018 21:43	0.01	0.01	0.01	1.37	15.06	7.65E+02
06/06/2018 21:58	0.01	0.01	0.01	1.35	15.09	7.66E+02
06/06/2018 22:13	0.01	0.01	0.01	1.34	15.11	7.66E+02
06/06/2018 22:28	0.01	0.01	0.01	1.33	15.14	7.64E+02
06/06/2018 22:43	0.01	0.01	0.01	1.33	15.15	7.67E+02
06/06/2018 22:58	0.01	0.01	0.01	1.31	15.2	7.69E+02
06/06/2018 23:13	0.01	0.01	0.01	1.27	15.09	7.65E+02
06/06/2018 23:28	0.01	0.01	0.01	1.31	14.45	7.64E+02
06/06/2018 23:43	0.01	0.01	0.01	1.35	14.05	7.55E+02

06/06/2018 23:58	0.01	0.01	0.01	1.35	13.87	7.56E+02
07/06/2018 00:13	0.01	0.01	0.01	1.34	13.78	7.59E+02
07/06/2018 00:28	0.01	0.01	0.01	1.33	13.73	7.54E+02
07/06/2018 00:43	0.01	0.01	0.01	1.33	13.7	7.55E+02
07/06/2018 00:58	0.01	0.01	0.01	1.34	13.67	7.57E+02
07/06/2018 01:13	0.01	0.01	0.01	1.33	13.66	7.57E+02
07/06/2018 01:28	0.01	0.01	0.01	1.33	13.65	7.55E+02
07/06/2018 01:43	0.01	0.01	0.01	1.33	13.63	7.62E+02
07/06/2018 01:58	0.01	0.01	0.01	1.35	13.62	7.56E+02
07/06/2018 02:13	0.01	0.01	0.01	1.36	13.61	7.57E+02
07/06/2018 02:28	0.01	0.01	0.01	1.34	13.59	7.56E+02
07/06/2018 02:43	0.01	0.01	0.01	1.32	13.59	7.57E+02
07/06/2018 02:58	0.01	0.01	0.01	1.32	13.59	7.57E+02
07/06/2018 03:13	0.01	0.01	0.01	1.32	13.59	7.56E+02
07/06/2018 03:28	0.01	0.01	0.01	1.31	13.6	7.57E+02
07/06/2018 03:43	0.01	0.01	0.01	1.3	13.6	7.59E+02
07/06/2018 03:58	0.01	0.01	0.01	1.3	13.61	7.60E+02
07/06/2018 04:13	0.01	0.01	0.01	1.31	13.62	7.57E+02
07/06/2018 04:28	0.01	0.01	0.01	1.31	13.64	7.58E+02
07/06/2018 04:43	0.01	0.01	0.01	1.31	13.66	7.58E+02
07/06/2018 04:58	0.01	0.01	0.01	1.32	13.68	7.61E+02
07/06/2018 05:13	0.01	0.01	0.01	1.32	13.71	7.57E+02
07/06/2018 05:28	0.01	0.01	0.01	1.33	13.74	7.60E+02
07/06/2018 05:43	0.01	0.01	0.01	1.33	13.76	7.61E+02
07/06/2018 05:58	0.01	0.01	0.01	1.33	13.84	7.63E+02
07/06/2018 06:13	0.01	0.01	0.01	1.32	13.95	7.64E+02
07/06/2018 06:28	0.01	0.01	0.01	1.35	13.79	7.59E+02
07/06/2018 06:43	0.01	0.01	0.01	1.36	13.68	7.52E+02
07/06/2018 06:58	0.01	0.01	0.01	1.37	13.63	7.54E+02
07/06/2018 07:13	0.01	0.01	0.01	1.36	13.61	7.53E+02
07/06/2018 07:28	0.01	0.01	0.01	1.36	13.61	7.57E+02
07/06/2018 07:43	0.01	0.01	0.01	1.37	13.66	7.57E+02
07/06/2018 07:58	0.01	0.01	0.01	1.38	13.72	7.55E+02
07/06/2018 08:13	0.01	0.01	0.01	1.39	13.78	7.56E+02
07/06/2018 08:28	0.01	0.01	0.01	1.4	13.86	7.58E+02
07/06/2018 08:43	0.02	0.01	0.01	1.43	13.96	7.64E+02
07/06/2018 08:58	0.04	0.01	0.01	1.45	14.06	7.59E+02
07/06/2018 09:13	0.08	0.01	0.01	1.46	14.18	7.61E+02
07/06/2018 09:28	0.14	0.01	0.01	1.5	14.33	7.59E+02
07/06/2018 09:43	0.22	0.01	0.01	1.56	14.54	7.63E+02
07/06/2018 09:58	0.45	0.01	0.01	1.67	15.02	7.61E+02
07/06/2018 10:13	0.46	0.01	0.01	1.61	14.84	7.57E+02
07/06/2018 10:28	0.46	0.01	0.01	1.58	14.46	7.57E+02
07/06/2018 10:43	0.48	0.01	0.01	1.58	14.27	7.55E+02
07/06/2018 10:58	0.63	0.01	0.01	1.67	14.4	7.52E+02
07/06/2018 11:13	0.6	0.01	0.01	1.65	14.56	7.60E+02
07/06/2018 11:28	0.59	0.01	0.01	1.65	14.79	7.59E+02
07/06/2018 11:43	0.68	0.01	0.01	1.71	15.22	7.55E+02
07/06/2018 11:58	0.67	0.01	0.01	1.71	15.43	7.64E+02
07/06/2018 12:13	0.65	0.01	0.01	1.72	15.67	7.78E+02

07/06/2018 12:28	0.65	0.01	0.01	1.75	16	7.79E+02
07/06/2018 12:43	0.89	0.01	0.01	1.86	16.43	7.55E+02
07/06/2018 12:58	1	0.01	0.1	1.88	16.19	7.61E+02
07/06/2018 13:13	1.03	0.13	0.26	1.9	15.73	7.59E+02
07/06/2018 13:28	1.01	0.01	0.07	1.85	15.31	7.57E+02
07/06/2018 13:43	0.95	0.01	0.01	1.81	15.02	7.55E+02
07/06/2018 13:58	0.97	0.01	0.01	1.81	14.95	7.52E+02
07/06/2018 14:13	0.85	0.01	0.01	1.74	14.75	7.44E+02
07/06/2018 14:28	0.69	0.01	0.01	1.64	14.54	7.56E+02
07/06/2018 14:43	0.63	0.01	0.01	1.6	14.44	7.59E+02
07/06/2018 14:58	0.61	0.01	0.01	1.57	14.42	7.57E+02
07/06/2018 15:13	0.65	0.01	0.01	1.58	14.46	7.54E+02
07/06/2018 15:28	0.75	0.01	0.01	1.64	14.6	7.64E+02
07/06/2018 15:43	0.79	0.01	0.01	1.65	14.63	7.58E+02
07/06/2018 15:58	0.86	0.01	0.01	1.7	14.73	7.54E+02
07/06/2018 16:13	0.89	0.01	0.01	1.7	14.75	7.64E+02
07/06/2018 16:28	0.7	0.01	0.01	1.59	14.65	7.60E+02
07/06/2018 16:43	0.77	0.01	0.01	1.63	14.81	7.64E+02
07/06/2018 16:58	0.75	0.01	0.01	1.62	14.99	7.63E+02
07/06/2018 17:13	0.66	0.01	0.01	1.58	15.1	7.65E+02
07/06/2018 17:28	0.61	0.01	0.01	1.54	15.23	7.65E+02
07/06/2018 17:43	0.55	0.01	0.01	1.51	15.35	7.70E+02
07/06/2018 17:58	0.52	0.01	0.01	1.48	15.49	7.69E+02
07/06/2018 18:13	0.5	0.01	0.01	1.47	15.64	7.72E+02
07/06/2018 18:28	0.51	0.01	0.01	1.49	15.81	7.74E+02
07/06/2018 18:43	0.52	0.01	0.01	1.49	15.97	7.73E+02
07/06/2018 18:58	0.52	0.01	0.01	1.47	16.11	7.74E+02
07/06/2018 19:13	0.47	0.01	0.01	1.46	16.21	7.70E+02
07/06/2018 19:28	0.46	0.01	0.01	1.44	16.3	7.69E+02
07/06/2018 19:43	0.55	0.01	0.01	1.52	16.16	7.64E+02
07/06/2018 19:58	0.58	0.01	0.01	1.56	15.34	7.68E+02
07/06/2018 20:13	0.63	0.01	0.01	1.58	14.74	7.55E+02
07/06/2018 20:28	0.61	0.01	0.01	1.56	14.45	7.59E+02
07/06/2018 20:43	0.55	0.01	0.01	1.54	14.3	7.59E+02
07/06/2018 20:58	0.51	0.01	0.01	1.51	14.21	7.62E+02
07/06/2018 21:13	0.48	0.01	0.01	1.5	14.17	7.57E+02
07/06/2018 21:28	0.44	0.01	0.01	1.46	14.17	7.63E+02
07/06/2018 21:43	0.39	0.01	0.01	1.42	14.21	7.65E+02
07/06/2018 21:58	0.33	0.01	0.01	1.4	14.25	7.62E+02
07/06/2018 22:13	0.29	0.01	0.01	1.35	14.29	7.63E+02
07/06/2018 22:28	0.25	0.01	0.01	1.34	14.33	7.60E+02
07/06/2018 22:43	0.21	0.01	0.01	1.32	14.36	7.67E+02
07/06/2018 22:58	0.19	0.01	0.01	1.3	14.39	7.64E+02
07/06/2018 23:13	0.16	0.01	0.01	1.28	14.42	7.66E+02
07/06/2018 23:28	0.17	0.01	0.01	1.25	14.45	7.64E+02
07/06/2018 23:43	0.13	0.01	0.01	1.24	14.46	7.63E+02
07/06/2018 23:58	0.11	0.01	0.01	1.25	14.46	7.56E+02
08/06/2018 00:13	0.08	0.01	0.01	1.23	14.55	7.62E+02
08/06/2018 00:28	0.14	0.01	0.01	1.23	14.27	7.67E+02
08/06/2018 00:43	0.21	0.01	0.01	1.25	13.93	7.59E+02

08/06/2018 00:58	0.21	0.01	0.01	1.26	13.74	7.63E+02
08/06/2018 01:13	0.21	0.01	0.01	1.25	13.64	7.56E+02
08/06/2018 01:28	0.2	0.01	0.01	1.23	13.58	7.57E+02
08/06/2018 01:43	0.2	0.01	0.01	1.23	13.54	7.49E+02
08/06/2018 01:58	0.18	0.01	0.01	1.21	13.51	7.46E+02
08/06/2018 02:13	0.18	0.01	0.01	1.2	13.48	7.49E+02
08/06/2018 02:28	0.17	0.01	0.01	1.2	13.46	7.51E+02
08/06/2018 02:43	0.16	0.01	0.01	1.2	13.43	7.54E+02
08/06/2018 02:58	0.16	0.01	0.01	1.2	13.42	7.51E+02
08/06/2018 03:13	0.16	0.01	0.01	1.2	13.41	7.49E+02
08/06/2018 03:28	0.18	0.01	0.01	1.2	13.41	7.50E+02
08/06/2018 03:43	0.2	0.01	0.01	1.21	13.41	7.51E+02
08/06/2018 03:58	0.21	0.01	0.01	1.22	13.43	7.53E+02
08/06/2018 04:13	0.19	0.01	0.01	1.21	13.57	7.59E+02
08/06/2018 04:28	0.23	0.01	0.01	1.19	13.59	7.55E+02
08/06/2018 04:43	0.24	0.01	0.01	1.18	13.52	7.53E+02
08/06/2018 04:58	0.26	0.01	0.01	1.19	13.47	7.53E+02
08/06/2018 05:13	0.26	0.01	0.01	1.18	13.44	7.52E+02
08/06/2018 05:28	0.26	0.01	0.01	1.18	13.42	7.51E+02
08/06/2018 05:43	0.27	0.01	0.01	1.19	13.41	7.53E+02
08/06/2018 05:58	0.29	0.01	0.01	1.18	13.41	7.52E+02
08/06/2018 06:13	0.28	0.01	0.01	1.19	13.39	7.53E+02
08/06/2018 06:28	0.27	0.01	0.01	1.18	13.38	7.49E+02
08/06/2018 06:43	0.28	0.01	0.01	1.18	13.37	7.54E+02
08/06/2018 06:58	0.29	0.01	0.01	1.2	13.38	7.56E+02
08/06/2018 07:13	0.31	0.01	0.01	1.2	13.4	7.54E+02
08/06/2018 07:28	0.33	0.01	0.01	1.21	13.42	7.55E+02
08/06/2018 07:43	0.35	0.01	0.01	1.23	13.45	7.54E+02
08/06/2018 07:58	0.35	0.01	0.01	1.23	13.62	7.57E+02
08/06/2018 08:13	0.37	0.01	0.01	1.23	13.69	7.55E+02
08/06/2018 08:28	0.42	0.01	0.01	1.28	13.64	7.56E+02
08/06/2018 08:43	0.47	0.01	0.01	1.31	13.61	7.50E+02
08/06/2018 08:58	0.56	0.01	0.01	1.36	13.66	7.54E+02
08/06/2018 09:13	0.7	0.01	0.01	1.45	13.8	7.52E+02
08/06/2018 09:28	0.83	0.01	0.01	1.52	14.05	7.61E+02
08/06/2018 09:43	1	0.01	0.01	1.62	14.38	7.63E+02
08/06/2018 09:58	1.12	0.01	0.01	1.7	14.77	7.61E+02
08/06/2018 10:13	1.23	0.01	0.02	1.78	15.19	7.67E+02
08/06/2018 10:28	1.26	0.16	0.19	1.82	15.63	7.76E+02
08/06/2018 10:43	1.26	0.24	0.3	1.84	16.08	7.77E+02
08/06/2018 10:58	1.27	0.29	0.32	1.86	16.57	7.76E+02
08/06/2018 11:13	1.26	0.32	0.42	1.89	17.08	7.95E+02
08/06/2018 11:28	1.24	0.16	0.27	1.9	17.58	7.96E+02
08/06/2018 11:43	1.32	0.55	0.7	2	17.29	7.67E+02
08/06/2018 11:58	1.14	0.29	0.53	1.97	16.54	7.66E+02
08/06/2018 12:13	1.13	0.29	0.59	1.98	15.87	7.50E+02
08/06/2018 12:28	1.1	0.22	0.52	1.96	15.54	7.53E+02
08/06/2018 12:43	1.08	0.07	0.38	1.94	15.38	7.52E+02
08/06/2018 12:58	1.05	0.01	0.29	1.92	15.32	7.51E+02
08/06/2018 13:13	1.05	0.01	0.33	1.92	15.32	7.56E+02

08/06/2018 13:28	1.05	0.08	0.39	1.99	15.35	7.49E+02
08/06/2018 13:43	1.07	0.14	0.5	1.94	15.38	7.54E+02
08/06/2018 13:58	1.05	0.17	0.49	1.95	15.42	7.55E+02
08/06/2018 14:13	1.03	0.1	0.47	1.92	15.39	7.51E+02
08/06/2018 14:28	1.03	0.06	0.44	1.93	15.33	7.54E+02
08/06/2018 14:43	1.02	0.08	0.42	1.92	15.29	7.56E+02
08/06/2018 14:58	1.04	0.16	0.52	1.93	15.39	7.55E+02
08/06/2018 15:13	1.04	0.23	0.59	1.95	15.42	7.54E+02
08/06/2018 15:28	1.02	0.26	0.59	1.95	15.44	7.58E+02
08/06/2018 15:43	1	0.13	0.5	1.94	15.4	7.55E+02
08/06/2018 15:58	0.98	0.01	0.29	1.88	15.28	7.53E+02
08/06/2018 16:13	0.89	0.01	0.1	1.84	15.16	7.44E+02
08/06/2018 16:28	0.82	0.01	0.01	1.8	15.09	7.40E+02
08/06/2018 16:43	0.78	0.01	0.01	1.77	15.04	7.53E+02
08/06/2018 16:58	0.72	0.01	0.01	1.73	15.02	7.49E+02
08/06/2018 17:13	0.65	0.01	0.01	1.69	14.98	7.54E+02
08/06/2018 17:28	0.58	0.01	0.01	1.66	14.94	7.59E+02
08/06/2018 17:43	0.52	0.01	0.01	1.63	14.9	7.59E+02
08/06/2018 17:58	0.43	0.01	0.01	1.59	14.85	7.56E+02
08/06/2018 18:13	0.35	0.01	0.01	1.54	14.82	7.53E+02
08/06/2018 18:28	0.33	0.01	0.01	1.51	14.95	7.59E+02
08/06/2018 18:43	0.31	0.01	0.01	1.51	15.12	7.62E+02
08/06/2018 18:58	0.28	0.01	0.01	1.48	15.28	7.60E+02
08/06/2018 19:13	0.28	0.01	0.01	1.51	15.44	7.65E+02
08/06/2018 19:28	0.25	0.01	0.01	1.47	15.6	7.63E+02
08/06/2018 19:43	0.23	0.01	0.01	1.48	15.76	7.71E+02
08/06/2018 19:58	0.26	0.01	0.01	1.45	16.12	7.61E+02
08/06/2018 20:13	0.17	0.01	0.01	1.47	15.84	7.73E+02
08/06/2018 20:28	0.11	0.01	0.01	1.45	15.27	7.57E+02
08/06/2018 20:43	0.04	0.01	0.01	1.44	14.87	7.55E+02
08/06/2018 20:58	0.01	0.01	0.01	1.39	14.65	7.56E+02
08/06/2018 21:13	0.01	0.01	0.01	1.34	14.5	7.59E+02
08/06/2018 21:28	0.01	0.01	0.01	1.29	14.4	7.58E+02
08/06/2018 21:43	0.01	0.01	0.01	1.26	14.33	7.63E+02
08/06/2018 21:58	0.01	0.01	0.01	1.24	14.35	7.60E+02
08/06/2018 22:13	0.01	0.01	0.01	1.21	14.39	7.61E+02
08/06/2018 22:28	0.01	0.01	0.01	1.19	14.43	7.64E+02
08/06/2018 22:43	0.01	0.01	0.01	1.18	14.47	7.60E+02
08/06/2018 22:58	0.01	0.01	0.01	1.17	14.51	7.62E+02
08/06/2018 23:13	0.01	0.01	0.01	1.15	14.63	7.60E+02
08/06/2018 23:28	0.01	0.01	0.01	1.14	14.59	7.64E+02
08/06/2018 23:43	0.01	0.01	0.01	1.17	14.29	7.59E+02
08/06/2018 23:58	0.01	0.01	0.01	1.19	14.1	7.55E+02
09/06/2018 00:13	0.01	0.01	0.01	1.18	14	7.53E+02
09/06/2018 00:28	0.01	0.01	0.01	1.17	13.93	7.61E+02
09/06/2018 00:43	0.01	0.01	0.01	1.17	13.89	7.57E+02
09/06/2018 00:58	0.01	0.01	0.01	1.17	13.86	7.59E+02
09/06/2018 01:13	0.01	0.01	0.01	1.16	13.83	7.56E+02
09/06/2018 01:28	0.01	0.01	0.01	1.17	13.81	7.53E+02
09/06/2018 01:43	0.01	0.01	0.01	1.17	13.79	7.56E+02

09/06/2018 01:58	0.01	0.01	0.01	1.17	13.77	7.53E+02
09/06/2018 02:13	0.01	0.01	0.01	1.17	13.75	7.53E+02
09/06/2018 02:28	0.01	0.01	0.01	1.18	13.73	7.54E+02
09/06/2018 02:43	0.01	0.01	0.01	1.18	13.72	7.54E+02
09/06/2018 02:58	0.01	0.01	0.01	1.19	13.72	7.57E+02
09/06/2018 03:13	0.01	0.01	0.01	1.2	13.71	7.55E+02
09/06/2018 03:27	0.01	0.01	0.01	1.19	13.69	7.53E+02
09/06/2018 03:42	0.01	0.01	0.01	1.19	13.68	7.53E+02
09/06/2018 03:57	0.01	0.01	0.01	1.2	13.68	7.55E+02
09/06/2018 04:12	0.01	0.01	0.01	1.2	13.68	7.54E+02
09/06/2018 04:27	0.01	0.01	0.01	1.21	13.71	7.54E+02
09/06/2018 04:42	0.01	0.01	0.01	1.22	13.73	7.53E+02
09/06/2018 04:57	0.01	0.01	0.01	1.22	13.76	7.56E+02
09/06/2018 05:12	0.01	0.01	0.01	1.22	13.79	7.56E+02
09/06/2018 05:27	0.01	0.01	0.01	1.23	13.83	7.59E+02
09/06/2018 05:42	0.01	0.01	0.01	1.24	13.86	7.56E+02
09/06/2018 05:57	0.01	0.01	0.01	1.25	13.9	7.54E+02
09/06/2018 06:12	0.01	0.01	0.01	1.24	14.11	7.60E+02
09/06/2018 06:27	0.01	0.01	0.01	1.27	14.06	7.57E+02
09/06/2018 06:42	0.01	0.01	0.01	1.29	13.92	7.50E+02
09/06/2018 06:57	0.01	0.01	0.01	1.31	13.85	7.51E+02
09/06/2018 07:12	0.01	0.01	0.01	1.31	13.81	7.51E+02
09/06/2018 07:27	0.01	0.01	0.01	1.32	13.81	7.51E+02
09/06/2018 07:42	0.01	0.01	0.01	1.34	13.82	7.54E+02
09/06/2018 07:57	0.01	0.01	0.01	1.35	13.84	7.52E+02
09/06/2018 08:12	0.01	0.01	0.01	1.34	13.85	7.52E+02
09/06/2018 08:27	0.01	0.01	0.01	1.37	13.9	7.55E+02
09/06/2018 08:42	0.01	0.01	0.01	1.46	14.05	7.52E+02
09/06/2018 08:57	0.01	0.01	0.01	1.56	14.23	7.57E+02
09/06/2018 09:12	0.04	0.01	0.01	1.6	14.42	7.57E+02
09/06/2018 09:27	0.19	0.01	0.01	1.69	14.71	7.63E+02
09/06/2018 09:42	0.32	0.01	0.01	1.77	15.1	7.53E+02
09/06/2018 09:57	0.45	0.01	0.23	1.85	15.56	7.49E+02
09/06/2018 10:12	0.46	0.01	0.36	1.88	15.36	7.47E+02
09/06/2018 10:27	0.51	0.01	0.52	1.9	15.23	7.50E+02
09/06/2018 10:42	0.54	0.01	0.64	1.93	15.17	7.51E+02
09/06/2018 10:57	0.57	0.01	0.71	1.96	15.18	7.54E+02
09/06/2018 11:12	0.59	0.03	0.81	1.96	15.24	7.47E+02
09/06/2018 11:27	0.6	0.14	0.91	1.99	15.32	7.49E+02
09/06/2018 11:42	0.58	0.27	1.01	2.01	15.41	7.55E+02
09/06/2018 11:57	0.58	0.2	0.99	2	15.4	7.53E+02
09/06/2018 12:12	0.57	0.18	0.97	1.99	15.32	7.52E+02
09/06/2018 12:27	0.58	0.28	1.05	2.01	15.36	7.50E+02
09/06/2018 12:42	0.57	0.29	1.18	2.02	15.48	7.49E+02
09/06/2018 12:57	0.57	0.32	1.25	2.02	15.58	7.53E+02
09/06/2018 13:12	0.56	0.34	1.28	2.03	15.66	7.54E+02
09/06/2018 13:27	0.56	0.35	1.3	2.03	15.72	7.53E+02
09/06/2018 13:42	0.57	0.31	1.12	2.01	15.75	7.51E+02
09/06/2018 13:57	0.57	0.3	1.25	2.02	15.82	7.51E+02
09/06/2018 14:12	0.57	0.34	1.27	2.03	15.9	7.53E+02

09/06/2018 14:27	0.57	0.32	1.3	2.02	15.97	7.51E+02
09/06/2018 14:42	0.56	0.31	1.3	2.02	15.99	7.58E+02
09/06/2018 14:57	0.57	0.33	1.3	2.02	16.02	7.57E+02
09/06/2018 15:12	0.55	0.31	1.27	2.03	16.06	7.53E+02
09/06/2018 15:27	0.54	0.34	1.29	2.03	16.09	7.56E+02
09/06/2018 15:42	0.56	0.29	1.29	2.02	16.11	7.53E+02
09/06/2018 15:57	0.51	0.33	1.33	2.03	16.1	7.56E+02
09/06/2018 16:12	0.54	0.17	0.99	1.99	16.23	7.61E+02
09/06/2018 16:27	0.55	0.3	1.11	2.01	16.7	7.59E+02
09/06/2018 16:42	0.54	0.27	1.13	2.01	17.22	7.63E+02
09/06/2018 16:57	0.53	0.04	0.84	1.97	17.5	7.67E+02
09/06/2018 17:12	0.5	0.01	0.76	1.95	17.82	7.73E+02
09/06/2018 17:27	0.49	0.01	0.73	1.94	17.66	7.65E+02
09/06/2018 17:42	0.4	0.01	0.51	1.9	16.89	7.61E+02
09/06/2018 17:57	0.36	0.01	0.46	1.88	16.06	7.52E+02
09/06/2018 18:12	0.27	0.01	0.22	1.82	15.62	7.45E+02
09/06/2018 18:27	0.16	0.01	0.01	1.74	15.4	7.57E+02
09/06/2018 18:42	0.06	0.01	0.01	1.67	15.26	7.55E+02
09/06/2018 18:57	0.01	0.01	0.01	1.61	15.14	7.56E+02
09/06/2018 19:12	0.01	0.01	0.01	1.57	15.05	7.52E+02
09/06/2018 19:27	0.01	0.01	0.01	1.52	14.97	7.51E+02
09/06/2018 19:42	0.01	0.01	0.01	1.49	14.91	7.60E+02
09/06/2018 19:57	0.01	0.01	0.01	1.44	14.86	7.53E+02
09/06/2018 20:12	0.01	0.01	0.01	1.42	14.93	7.60E+02
09/06/2018 20:27	0.01	0.01	0.01	1.39	15.03	7.60E+02
09/06/2018 20:42	0.01	0.01	0.01	1.37	15.14	7.62E+02
09/06/2018 20:57	0.01	0.01	0.01	1.35	15.23	7.64E+02
09/06/2018 21:12	0.01	0.01	0.01	1.33	15.48	7.65E+02
09/06/2018 21:27	0.01	0.01	0.01	2.04	15.55	7.60E+02
09/06/2018 21:42	0.01	0.01	0.01	1.67	15.23	7.65E+02
09/06/2018 21:57	0.01	0.01	0.01	1.57	15.28	7.64E+02
09/06/2018 22:12	0.01	0.01	0.01	1.48	15.34	7.60E+02
09/06/2018 22:27	0.01	0.01	0.01	1.26	15.54	7.54E+02
09/06/2018 22:42	0.01	0.01	0.01	1.36	15.01	7.59E+02
09/06/2018 22:57	0.01	0.01	0.01	1.36	14.43	7.58E+02
09/06/2018 23:12	0.01	0.01	0.01	1.34	14.16	7.59E+02
09/06/2018 23:27	0.01	0.01	0.01	1.32	14.05	7.55E+02
09/06/2018 23:42	0.01	0.01	0.01	1.31	14.01	7.64E+02
09/06/2018 23:57	0.01	0.01	0.01	1.32	13.98	7.51E+02
10/06/2018 00:12	0.01	0.01	0.01	1.31	13.95	7.52E+02
10/06/2018 00:27	0.01	0.01	0.01	1.31	13.94	7.52E+02
10/06/2018 00:42	0.01	0.01	0.01	1.3	13.93	7.50E+02
10/06/2018 00:57	0.01	0.01	0.01	1.29	13.93	7.52E+02
10/06/2018 01:12	0.01	0.01	0.01	1.29	13.99	7.59E+02
10/06/2018 01:27	0.01	0.01	0.01	1.29	14.07	7.60E+02
10/06/2018 01:42	0.01	0.01	0.01	1.29	14.16	7.60E+02
10/06/2018 01:57	0.01	0.01	0.01	1.3	14.24	7.57E+02
10/06/2018 02:12	0.01	0.01	0.01	1.3	14.33	7.60E+02
10/06/2018 02:27	0.01	0.01	0.01	1.3	14.43	7.58E+02
10/06/2018 02:42	0.01	0.01	0.01	1.3	14.75	7.63E+02

10/06/2018 02:57	0.01	0.01	0.01	1.35	14.4	7.48E+02
10/06/2018 03:12	0.01	0.01	0.01	1.36	14.12	7.51E+02
10/06/2018 03:27	0.01	0.01	0.01	1.36	14	7.54E+02
10/06/2018 03:42	0.01	0.01	0.01	1.35	13.95	7.53E+02
10/06/2018 03:57	0.01	0.01	0.01	1.35	13.93	7.52E+02
10/06/2018 04:12	0.01	0.01	0.01	1.34	13.89	7.52E+02
10/06/2018 04:27	0.01	0.01	0.01	1.32	13.86	7.51E+02
10/06/2018 04:42	0.01	0.01	0.01	1.31	13.85	7.52E+02
10/06/2018 04:57	0.01	0.01	0.01	1.3	13.89	7.55E+02
10/06/2018 05:12	0.01	0.01	0.01	1.29	13.94	7.57E+02
10/06/2018 05:27	0.01	0.01	0.01	1.28	13.99	7.54E+02
10/06/2018 05:42	0.01	0.01	0.01	1.27	14.05	7.59E+02
10/06/2018 05:57	0.01	0.01	0.01	1.27	14.11	7.63E+02
10/06/2018 06:12	0.01	0.01	0.01	1.27	14.17	7.57E+02
10/06/2018 06:27	0.01	0.01	0.01	1.29	14.23	7.57E+02
10/06/2018 06:42	0.01	0.01	0.01	1.3	14.34	7.66E+02
10/06/2018 06:57	0.01	0.01	0.01	1.28	14.52	7.58E+02
10/06/2018 07:12	0.01	0.01	0.01	1.35	14.16	7.47E+02
10/06/2018 07:27	0.01	0.01	0.01	1.36	13.95	7.52E+02
10/06/2018 07:42	0.01	0.01	0.01	1.37	13.88	7.45E+02
10/06/2018 07:57	0.01	0.01	0.01	1.39	13.86	7.52E+02
10/06/2018 08:12	0.01	0.01	0.01	1.41	13.88	7.52E+02
10/06/2018 08:27	0.01	0.01	0.01	1.42	13.9	7.51E+02
10/06/2018 08:42	0.01	0.01	0.01	1.43	13.9	7.52E+02
10/06/2018 08:57	0.01	0.01	0.01	1.43	13.89	7.52E+02
10/06/2018 09:12	0.01	0.01	0.01	1.43	13.89	7.54E+02
10/06/2018 09:27	0.01	0.01	0.01	1.42	13.9	7.56E+02
10/06/2018 09:42	0.01	0.01	0.01	1.45	14.01	7.57E+02
10/06/2018 09:57	0.01	0.01	0.01	1.47	14.16	7.46E+02
10/06/2018 10:12	0.01	0.01	0.01	1.46	14.26	7.60E+02
10/06/2018 10:27	0.01	0.01	0.01	1.47	14.54	7.56E+02
10/06/2018 10:42	0.01	0.01	0.01	1.45	14.69	7.62E+02
10/06/2018 10:57	0.01	0.01	0.01	1.47	14.91	7.60E+02
10/06/2018 11:12	0.01	0.01	0.01	1.46	14.85	7.53E+02
10/06/2018 11:27	0.01	0.01	0.01	1.47	14.7	7.60E+02
10/06/2018 11:42	0.01	0.01	0.01	1.47	14.6	7.56E+02
10/06/2018 11:57	0.01	0.01	0.01	1.47	14.55	7.51E+02
10/06/2018 12:12	0.01	0.01	0.01	1.46	14.52	7.46E+02
10/06/2018 12:27	0.01	0.01	0.01	1.48	14.52	7.52E+02
10/06/2018 12:42	0.01	0.01	0.01	1.51	14.56	7.55E+02
10/06/2018 12:57	0.01	0.01	0.01	1.53	14.62	7.59E+02
10/06/2018 13:12	0.01	0.01	0.01	1.56	14.69	7.59E+02
10/06/2018 13:27	0.01	0.01	0.01	1.58	14.72	7.60E+02
10/06/2018 13:42	0.01	0.01	0.01	1.57	14.72	7.56E+02
10/06/2018 13:57	0.01	0.01	0.01	1.57	14.72	7.56E+02
10/06/2018 14:12	0.01	0.01	0.01	1.59	14.75	7.53E+02
10/06/2018 14:27	0.01	0.01	0.01	1.59	14.75	7.57E+02
10/06/2018 14:42	0.01	0.01	0.01	1.61	14.8	7.57E+02
10/06/2018 14:57	0.01	0.01	0.01	1.64	14.86	7.59E+02
10/06/2018 15:12	0.01	0.01	0.01	1.65	14.91	7.50E+02

10/06/2018 15:27	0.03	0.01	0.01	1.68	15	7.61E+02
10/06/2018 15:42	0.15	0.01	0.04	1.75	15.23	7.49E+02
10/06/2018 15:57	0.15	0.01	0.03	1.75	15.25	7.50E+02
10/06/2018 16:12	0.16	0.01	0.11	1.77	15.27	7.51E+02
10/06/2018 16:27	0.18	0.01	0.13	1.77	15.27	7.54E+02
10/06/2018 16:42	0.18	0.01	0.19	1.78	15.31	7.50E+02
10/06/2018 16:57	0.16	0.01	0.1	1.76	15.28	7.52E+02
10/06/2018 17:12	0.17	0.01	0.15	1.77	15.28	7.51E+02
10/06/2018 17:27	0.14	0.01	0.05	1.76	15.26	7.56E+02
10/06/2018 17:42	0.09	0.01	0.01	1.71	15.2	7.55E+02
10/06/2018 17:57	0.03	0.01	0.01	1.69	15.14	7.54E+02
10/06/2018 18:12	0.01	0.01	0.01	1.65	15.15	7.60E+02
10/06/2018 18:27	0.01	0.01	0.01	1.62	15.23	7.59E+02
10/06/2018 18:42	0.01	0.01	0.01	1.61	15.33	7.55E+02
10/06/2018 18:57	0.01	0.01	0.01	1.58	15.41	7.60E+02
10/06/2018 19:12	0.01	0.01	0.01	1.55	15.48	7.65E+02
10/06/2018 19:27	0.01	0.01	0.01	1.52	15.54	7.61E+02
10/06/2018 19:42	0.01	0.01	0.01	1.5	15.62	7.60E+02
10/06/2018 19:57	0.01	0.01	0.01	1.49	15.81	7.56E+02
10/06/2018 20:12	0.01	0.01	0.01	1.48	15.47	7.62E+02
10/06/2018 20:27	0.01	0.01	0.01	1.51	15.11	7.56E+02
10/06/2018 20:42	0.01	0.01	0.01	1.51	14.91	7.58E+02
10/06/2018 20:57	0.01	0.01	0.01	1.49	14.82	7.54E+02
10/06/2018 21:12	0.01	0.01	0.01	1.47	14.77	7.56E+02
10/06/2018 21:27	0.01	0.01	0.01	1.45	14.8	7.54E+02
10/06/2018 21:42	0.01	0.01	0.01	1.43	14.86	7.60E+02
10/06/2018 21:57	0.01	0.01	0.01	1.39	14.9	7.63E+02
10/06/2018 22:12	0.01	0.01	0.01	1.34	14.93	7.59E+02
10/06/2018 22:27	0.01	0.01	0.01	1.3	14.96	7.59E+02
10/06/2018 22:42	0.01	0.01	0.01	1.26	15	7.60E+02
10/06/2018 22:57	0.01	0.01	0.01	1.24	15.08	7.61E+02
10/06/2018 23:12	0.01	0.01	0.01	1.21	15.14	7.62E+02
10/06/2018 23:27	0.01	0.01	0.01	1.18	15.16	7.60E+02
10/06/2018 23:42	0.01	0.01	0.01	1.16	15.18	7.62E+02
10/06/2018 23:57	0.01	0.01	0.01	1.13	15.26	7.66E+02
11/06/2018 00:12	0.01	0.01	0.01	1.13	14.86	7.64E+02
11/06/2018 00:27	0.01	0.01	0.01	1.15	14.48	7.60E+02
11/06/2018 00:42	0.01	0.01	0.01	1.16	14.29	7.58E+02
11/06/2018 00:57	0.01	0.01	0.01	1.15	14.2	7.60E+02
11/06/2018 01:12	0.01	0.01	0.01	1.15	14.15	7.56E+02
11/06/2018 01:27	0.01	0.01	0.01	1.15	14.12	7.51E+02
11/06/2018 01:42	0.01	0.01	0.01	1.15	14.09	7.61E+02
11/06/2018 01:57	0.01	0.01	0.01	1.13	14.07	7.63E+02
11/06/2018 02:12	0.01	0.01	0.01	1.12	14.05	7.56E+02
11/06/2018 02:27	0.01	0.01	0.01	1.12	14.03	7.56E+02
11/06/2018 02:42	0.01	0.01	0.01	1.11	14.01	7.54E+02
11/06/2018 02:57	0.01	0.01	0.01	1.1	14.01	7.54E+02
11/06/2018 03:12	0.01	0.01	0.01	1.1	14.04	7.64E+02
11/06/2018 03:27	0.01	0.01	0.01	1.09	14.08	7.61E+02
11/06/2018 03:42	0.01	0.01	0.01	1.09	14.12	7.64E+02

11/06/2018 03:57	0.01	0.01	0.01	1.08	14.17	7.59E+02
11/06/2018 04:12	0.01	0.01	0.01	1.09	14.22	7.65E+02
11/06/2018 04:27	0.01	0.01	0.01	1.11	14.26	7.61E+02
11/06/2018 04:42	0.01	0.01	0.01	1.1	14.31	7.63E+02
11/06/2018 04:57	0.01	0.01	0.01	1.09	14.35	7.64E+02
11/06/2018 05:12	0.01	0.01	0.01	1.08	14.39	7.61E+02
11/06/2018 05:27	0.01	0.01	0.01	1.11	14.42	7.57E+02
11/06/2018 05:42	0.01	0.01	0.01	1.22	14.46	7.60E+02
11/06/2018 05:57	0.01	0.01	0.01	1.14	14.54	7.64E+02
11/06/2018 06:12	0.01	0.01	0.01	1.13	14.66	7.63E+02
11/06/2018 06:27	0.01	0.01	0.01	1.1	14.4	7.62E+02
11/06/2018 06:42	0.01	0.01	0.01	1.12	14.17	7.62E+02
11/06/2018 06:57	0.01	0.01	0.01	1.14	14.06	7.59E+02
11/06/2018 07:12	0.01	0.01	0.01	1.14	14.01	7.58E+02
11/06/2018 07:27	0.01	0.01	0.01	1.13	13.99	7.52E+02
11/06/2018 07:42	0.01	0.01	0.01	1.13	14.01	7.56E+02
11/06/2018 07:57	0.01	0.01	0.01	1.13	14.06	7.59E+02
11/06/2018 08:12	0.01	0.01	0.01	1.13	14.13	7.56E+02
11/06/2018 08:27	0.01	0.01	0.01	1.13	14.19	7.57E+02
11/06/2018 08:42	0.01	0.01	0.01	1.15	14.26	7.53E+02
11/06/2018 08:57	0.01	0.01	0.01	1.14	14.32	7.62E+02
11/06/2018 09:12	0.01	0.01	0.01	1.15	14.42	7.67E+02
11/06/2018 09:27	0.01	0.01	0.01	1.13	14.61	7.57E+02
11/06/2018 09:42	0.01	0.01	0.01	1.15	14.42	7.55E+02
11/06/2018 09:57	0.01	0.01	0.01	1.19	14.24	7.47E+02
11/06/2018 10:12	0.01	0.01	0.01	1.22	14.16	7.50E+02
11/06/2018 10:27	0.01	0.01	0.01	1.24	14.14	7.52E+02
11/06/2018 10:42	0.01	0.01	0.01	1.24	14.13	7.49E+02
11/06/2018 10:57	0.01	0.01	0.01	1.28	14.19	7.55E+02
11/06/2018 11:12	0.01	0.01	0.01	1.29	14.22	7.51E+02
11/06/2018 11:27	0.01	0.01	0.01	1.31	14.33	7.49E+02
11/06/2018 11:42	0.01	0.01	0.01	1.32	14.47	7.48E+02
11/06/2018 11:57	0.01	0.01	0.01	1.31	14.59	7.45E+02
11/06/2018 12:12	0.01	0.01	0.01	1.31	14.7	7.51E+02
11/06/2018 12:27	0.01	0.01	0.01	1.3	14.79	7.50E+02
11/06/2018 12:42	0.01	0.01	0.01	1.28	14.87	7.63E+02
11/06/2018 12:57	0.01	0.01	0.01	1.29	15.11	7.55E+02
11/06/2018 13:12	0.01	0.01	0.01	1.29	14.98	7.52E+02
11/06/2018 13:27	0.01	0.01	0.01	1.32	14.65	7.53E+02
11/06/2018 13:42	0.01	0.01	0.01	1.35	14.44	7.51E+02
11/06/2018 13:57	0.01	0.01	0.01	1.38	14.41	7.48E+02
11/06/2018 14:12	0.01	0.01	0.01	1.38	14.45	7.45E+02
11/06/2018 14:27	0.01	0.01	0.01	1.4	14.52	7.50E+02
11/06/2018 14:42	0.01	0.01	0.01	1.42	14.58	7.47E+02
11/06/2018 14:57	0.01	0.01	0.01	1.46	14.95	7.59E+02
11/06/2018 15:12	0.01	0.01	0.01	1.49	15.18	7.66E+02
11/06/2018 15:27	0.01	0.01	0.01	1.49	15.37	7.64E+02
11/06/2018 15:42	0.01	0.01	0.01	1.52	15.72	7.72E+02
11/06/2018 15:57	0.01	0.01	0.01	1.55	16	7.72E+02
11/06/2018 16:12	0.01	0.01	0.01	1.62	16.49	7.74E+02

11/06/2018 16:27	0.01	0.01	0.01	1.66	16.57	9.85E+02
11/06/2018 17:02	0.01	0.01	0.01	2.3	15.95	7.46E+02
11/06/2018 17:17	0.01	0.01	0.01	1.93	15.58	7.57E+02
11/06/2018 17:32	0.01	0.01	0.01	1.94	15.24	7.39E+02
11/06/2018 17:47	0.01	0.01	0.01	1.97	15.12	7.52E+02
11/06/2018 18:02	0.01	0.01	0.01	1.89	15.24	7.48E+02
11/06/2018 18:17	0.01	0.01	0.1	1.94	15.39	7.46E+02
11/06/2018 18:32	0.01	0.01	0.12	1.97	15.52	7.49E+02
11/06/2018 18:47	0.01	0.01	0.06	1.95	15.63	7.51E+02
11/06/2018 19:02	0.01	0.01	0.01	1.91	15.71	7.58E+02
11/06/2018 19:17	0.01	0.01	0.01	1.88	15.76	7.57E+02
11/06/2018 19:32	0.01	0.01	0.01	1.82	15.8	7.58E+02
11/06/2018 19:47	0.01	0.01	0.01	1.78	15.85	7.59E+02
11/06/2018 20:02	0.01	0.01	0.01	1.75	15.9	7.61E+02
11/06/2018 20:17	0.01	0.01	0.01	1.72	15.93	7.65E+02
11/06/2018 20:32	0.01	0.01	0.01	1.68	15.94	7.57E+02
11/06/2018 20:47	0.01	0.01	0.01	1.65	15.94	7.60E+02
11/06/2018 21:02	0.01	0.01	0.01	1.62	15.94	7.56E+02
11/06/2018 21:17	0.01	0.01	0.01	1.58	15.93	7.46E+02
11/06/2018 21:32	0.01	0.01	0.01	1.56	15.96	7.44E+02
11/06/2018 21:47	0.01	0.01	0.01	1.53	15.81	7.45E+02
11/06/2018 22:02	0.01	0.01	0.01	1.55	15.2	7.57E+02
11/06/2018 22:17	0.01	0.01	0.01	1.58	14.71	7.42E+02
11/06/2018 22:32	0.01	0.01	0.01	1.56	14.42	7.41E+02
11/06/2018 22:47	0.01	0.01	0.01	1.56	14.26	7.42E+02
11/06/2018 23:02	0.01	0.01	0.01	1.53	14.16	7.50E+02
11/06/2018 23:17	0.01	0.01	0.01	1.51	14.08	7.49E+02
11/06/2018 23:32	0.01	0.01	0.01	1.49	14.03	7.44E+02
11/06/2018 23:47	0.01	0.01	0.01	1.48	13.98	7.46E+02
12/06/2018 00:02	0.01	0.01	0.01	1.48	13.96	7.48E+02
12/06/2018 00:17	0.01	0.01	0.01	1.48	13.96	7.50E+02
12/06/2018 00:32	0.01	0.01	0.01	1.46	13.96	7.51E+02
12/06/2018 00:47	0.01	0.01	0.01	1.47	13.98	7.54E+02
12/06/2018 01:02	0.01	0.01	0.01	1.49	14	7.45E+02
12/06/2018 01:17	0.01	0.01	0.01	1.49	14.02	7.50E+02
12/06/2018 01:32	0.01	0.01	0.01	1.49	14.04	7.53E+02
12/06/2018 01:47	0.01	0.01	0.01	1.49	14.05	7.52E+02
12/06/2018 02:02	0.01	0.01	0.01	1.5	14.05	7.52E+02
12/06/2018 02:17	0.01	0.01	0.01	1.5	14.16	7.51E+02
12/06/2018 02:32	0.01	0.01	0.01	1.5	14.09	7.46E+02
12/06/2018 02:47	0.01	0.01	0.01	1.49	13.95	7.48E+02
12/06/2018 03:02	0.01	0.01	0.01	1.5	13.87	7.48E+02
12/06/2018 03:17	0.01	0.01	0.01	1.49	13.81	7.49E+02
12/06/2018 03:32	0.01	0.01	0.01	1.49	13.77	7.47E+02
12/06/2018 03:47	0.01	0.01	0.01	1.48	13.72	7.45E+02
12/06/2018 04:02	0.01	0.01	0.01	1.47	13.67	7.50E+02
12/06/2018 04:17	0.01	0.01	0.01	1.48	13.63	7.47E+02
12/06/2018 04:32	0.01	0.01	0.01	1.47	13.58	7.47E+02
12/06/2018 04:47	0.01	0.01	0.01	1.48	13.54	7.47E+02
12/06/2018 05:02	0.01	0.01	0.01	1.48	13.51	7.49E+02

12/06/2018 05:17	0.01	0.01	0.01	1.49	13.52	7.50E+02
12/06/2018 05:32	0.01	0.01	0.01	1.49	13.61	7.48E+02
12/06/2018 05:47	0.01	0.01	0.01	1.51	13.63	7.47E+02
12/06/2018 06:02	0.01	0.01	0.01	1.5	13.61	7.47E+02
12/06/2018 06:17	0.01	0.01	0.01	1.51	13.6	7.48E+02
12/06/2018 06:32	0.01	0.01	0.01	1.52	13.59	7.48E+02
12/06/2018 06:47	0.01	0.01	0.01	1.53	13.58	7.52E+02
12/06/2018 07:02	0.01	0.01	0.01	1.53	13.64	7.45E+02
12/06/2018 07:17	0.01	0.01	0.01	1.55	13.64	7.46E+02
12/06/2018 07:32	0.01	0.01	0.01	1.57	13.64	7.45E+02
12/06/2018 07:47	0.01	0.01	0.01	1.59	13.66	7.48E+02
12/06/2018 08:02	0.03	0.01	0.01	1.6	13.68	7.48E+02
12/06/2018 08:17	0.07	0.01	0.01	1.63	13.72	7.47E+02
12/06/2018 08:32	0.08	0.01	0.15	1.66	13.78	7.46E+02
12/06/2018 08:47	0.1	0.01	0.4	1.7	13.87	7.50E+02
12/06/2018 09:02	0.1	0.01	0.68	1.73	14.03	7.46E+02
12/06/2018 09:17	0.1	0.01	0.71	1.75	14.23	7.46E+02
12/06/2018 09:32	0.1	0.01	0.73	1.78	14.5	7.49E+02
12/06/2018 09:47	0.1	0.01	0.76	1.81	14.83	7.51E+02
12/06/2018 10:02	0.12	0.01	0.76	1.82	15.08	7.56E+02
12/06/2018 10:17	0.09	0.01	0.77	1.84	15.46	7.64E+02
12/06/2018 10:32	0.1	0.01	0.77	1.87	15.8	7.61E+02
12/06/2018 10:47	0.1	0.01	0.79	1.87	16.13	7.56E+02
12/06/2018 11:02	0.14	0.01	0.83	1.89	16.39	7.72E+02
12/06/2018 11:17	0.15	0.01	0.87	1.91	16.59	7.76E+02
12/06/2018 11:32	0.23	0.01	0.95	1.95	16.59	7.54E+02
12/06/2018 11:47	0.23	0.01	0.99	1.95	16.25	7.49E+02
12/06/2018 12:02	0.24	0.02	1.01	1.96	15.78	7.41E+02
12/06/2018 12:17	0.24	0.01	1.03	1.94	15.4	7.47E+02
12/06/2018 12:32	0.25	0.03	1.01	1.93	15.1	7.48E+02
12/06/2018 12:47	0.24	0.01	1	1.91	14.94	7.49E+02
12/06/2018 13:02	0.24	0.01	0.98	1.9	14.88	7.47E+02
12/06/2018 13:17	0.25	0.01	0.98	1.88	14.86	7.47E+02
12/06/2018 13:32	0.23	0.01	0.94	1.87	14.96	7.45E+02
12/06/2018 13:47	0.22	0.01	0.92	1.85	15.07	7.44E+02
12/06/2018 14:02	0.23	0.01	0.92	1.84	15.2	7.42E+02
12/06/2018 14:17	0.22	0.01	0.91	1.84	15.33	7.42E+02
12/06/2018 14:32	0.24	0.01	0.91	1.85	15.48	7.40E+02
12/06/2018 14:47	0.24	0.01	0.93	1.86	15.82	7.48E+02
12/06/2018 15:02	0.25	0.01	0.95	1.87	15.71	7.57E+02
12/06/2018 15:17	0.23	0.01	0.96	1.87	15.32	7.47E+02
12/06/2018 15:32	0.24	0.01	0.97	1.87	15.01	7.45E+02
12/06/2018 15:47	0.25	0.02	0.95	1.87	14.84	7.49E+02
12/06/2018 16:02	0.25	0.02	0.97	1.86	14.72	7.35E+02
12/06/2018 16:17	0.25	0.01	0.96	1.85	14.65	7.39E+02
12/06/2018 16:32	0.27	0.01	0.84	1.84	14.6	7.49E+02
12/06/2018 16:47	0.24	0.01	0.81	1.83	14.57	7.46E+02
12/06/2018 17:02	0.25	0.01	0.74	1.82	14.55	7.44E+02
12/06/2018 17:17	0.25	0.01	0.79	1.82	14.56	7.48E+02
12/06/2018 17:32	0.26	0.01	0.84	1.83	14.58	7.45E+02

12/06/2018 17:47	0.24	0.01	0.83	1.82	14.59	7.49E+02
12/06/2018 18:02	0.25	0.01	0.78	1.82	14.59	7.52E+02
12/06/2018 18:17	0.22	0.01	0.68	1.81	14.61	7.46E+02
12/06/2018 18:32	0.2	0.01	0.58	1.79	14.68	7.54E+02
12/06/2018 18:47	0.18	0.01	0.51	1.77	14.76	7.54E+02
12/06/2018 19:02	0.17	0.01	0.48	1.76	14.84	7.57E+02
12/06/2018 19:17	0.13	0.01	0.33	1.73	14.89	7.56E+02
12/06/2018 19:32	0.07	0.01	0.15	1.68	14.92	7.55E+02
12/06/2018 19:47	0.01	0.01	0.03	1.66	14.96	7.52E+02
12/06/2018 20:02	0.01	0.01	0.01	1.63	15.01	7.55E+02
12/06/2018 20:17	0.01	0.01	0.01	1.61	15.05	7.55E+02
12/06/2018 20:32	0.01	0.01	0.01	1.6	15.08	7.58E+02
12/06/2018 20:47	0.01	0.01	0.01	1.59	15.11	7.55E+02
12/06/2018 21:02	0.01	0.01	0.01	1.56	15.14	7.55E+02
12/06/2018 21:17	0.01	0.01	0.01	1.55	15.16	7.56E+02
12/06/2018 21:32	0.01	0.01	0.01	1.53	15.18	7.56E+02
12/06/2018 21:47	0.01	0.01	0.01	1.51	15.19	7.57E+02
12/06/2018 22:02	0.01	0.01	0.01	1.49	15.19	7.55E+02
12/06/2018 22:17	0.01	0.01	0.01	1.47	15.18	7.55E+02
12/06/2018 22:32	0.01	0.01	0.01	1.47	15.16	7.53E+02
12/06/2018 22:47	0.01	0.01	0.01	1.46	15.16	7.60E+02
12/06/2018 23:02	0.01	0.01	0.01	1.46	14.96	7.60E+02
12/06/2018 23:17	0.01	0.01	0.01	1.5	14.53	7.52E+02
12/06/2018 23:32	0.01	0.01	0.01	1.52	14.27	7.51E+02
12/06/2018 23:47	0.01	0.01	0.01	1.53	14.14	7.52E+02
13/06/2018 00:02	0.01	0.01	0.01	1.51	14.05	7.48E+02
13/06/2018 00:17	0.01	0.01	0.01	1.5	13.99	7.45E+02
13/06/2018 00:32	0.01	0.01	0.01	1.49	13.94	7.50E+02
13/06/2018 00:47	0.01	0.01	0.01	1.49	13.89	7.52E+02
13/06/2018 01:02	0.01	0.01	0.01	1.49	13.86	7.49E+02
13/06/2018 01:17	0.01	0.01	0.01	1.49	13.84	7.50E+02
13/06/2018 01:32	0.01	0.01	0.01	1.5	13.84	7.49E+02
13/06/2018 01:47	0.01	0.01	0.01	1.51	13.86	7.53E+02
13/06/2018 02:02	0.01	0.01	0.01	1.51	13.87	7.52E+02
13/06/2018 02:17	0.01	0.01	0.01	1.51	13.87	7.49E+02
13/06/2018 02:32	0.01	0.01	0.01	1.52	13.89	7.51E+02
13/06/2018 02:47	0.01	0.01	0.01	1.53	13.91	7.51E+02
13/06/2018 03:02	0.01	0.01	0.01	1.53	13.93	7.54E+02
13/06/2018 03:17	0.01	0.01	0.01	1.54	13.96	7.48E+02
13/06/2018 03:32	0.01	0.01	0.01	1.55	14	7.54E+02
13/06/2018 03:47	0.01	0.01	0.01	1.55	14.03	7.59E+02
13/06/2018 04:02	0.01	0.01	0.01	1.57	14.07	7.51E+02
13/06/2018 04:17	0.01	0.01	0.01	1.57	14.11	7.54E+02
13/06/2018 04:32	0.01	0.01	0.01	1.58	14.15	7.59E+02
13/06/2018 04:47	0.01	0.01	0.01	1.58	14.18	7.59E+02
13/06/2018 05:02	0.01	0.01	0.01	1.58	14.22	7.57E+02
13/06/2018 05:17	0.01	0.01	0.01	1.59	14.25	7.52E+02
13/06/2018 05:32	0.01	0.01	0.01	1.59	14.28	7.58E+02
13/06/2018 05:47	0.01	0.01	0.01	1.59	14.32	7.53E+02
13/06/2018 06:02	0.01	0.01	0.01	1.6	14.35	7.54E+02

13/06/2018 06:17	0.01	0.01	0.01	1.59	14.38	7.57E+02
13/06/2018 06:32	0.01	0.01	0.01	1.59	14.5	7.57E+02
13/06/2018 06:47	0.01	0.01	0.01	1.6	14.5	7.56E+02
13/06/2018 07:02	0.05	0.01	0.01	1.62	14.32	7.58E+02
13/06/2018 07:17	0.07	0.01	0.08	1.64	14.21	7.48E+02
13/06/2018 07:32	0.07	0.01	0.07	1.64	14.14	7.48E+02
13/06/2018 07:47	0.09	0.01	0.11	1.65	14.11	7.51E+02
13/06/2018 08:02	0.07	0.01	0.08	1.64	14.11	7.59E+02
13/06/2018 08:17	0.06	0.01	0.07	1.64	14.13	7.54E+02
13/06/2018 08:32	0.11	0.01	0.28	1.68	14.21	7.56E+02
13/06/2018 08:47	0.12	0.01	0.6	1.73	14.33	7.53E+02
13/06/2018 09:02	0.12	0.01	0.73	1.73	14.44	7.55E+02
13/06/2018 09:17	0.11	0.01	0.75	1.75	14.6	7.53E+02
13/06/2018 09:32	0.12	0.01	0.75	1.77	14.77	7.42E+02
13/06/2018 09:47	0.11	0.01	0.79	1.8	15.02	7.48E+02
13/06/2018 10:02	0.13	0.01	0.82	1.81	15.18	7.55E+02
13/06/2018 10:17	0.12	0.01	0.82	1.82	15.36	7.59E+02
13/06/2018 10:32	0.13	0.01	0.83	1.84	15.72	7.60E+02
13/06/2018 10:47	0.14	0.01	0.88	1.87	16.05	7.62E+02
13/06/2018 11:02	0.16	0.01	0.88	1.87	16.21	7.66E+02
13/06/2018 11:17	0.19	0.01	0.94	1.89	16.34	7.55E+02
13/06/2018 11:32	0.2	0.01	0.95	1.91	15.88	7.58E+02
13/06/2018 11:47	0.24	0.01	0.99	1.93	15.47	7.53E+02
13/06/2018 12:02	0.22	0.02	1	1.93	15.14	7.53E+02
13/06/2018 12:17	0.21	0.03	1.01	1.92	14.96	7.49E+02
13/06/2018 12:32	0.26	0.02	1.01	1.91	14.88	7.46E+02
13/06/2018 12:47	0.25	0.06	1	1.92	14.84	7.54E+02
13/06/2018 13:02	0.24	0.04	1.01	1.91	14.84	7.44E+02
13/06/2018 13:17	0.23	0.01	1	1.91	14.83	7.51E+02
13/06/2018 13:32	0.22	0.03	0.98	1.89	14.82	7.42E+02
13/06/2018 13:47	0.24	0.02	1	1.91	14.95	7.54E+02
13/06/2018 14:02	0.24	0.01	0.98	1.91	15.03	7.55E+02
13/06/2018 14:17	0.24	0.02	0.99	1.93	15.18	7.50E+02
13/06/2018 14:32	0.24	0.03	1.02	1.93	15.3	7.50E+02
13/06/2018 14:47	0.23	0.03	1.03	1.93	15.44	7.50E+02
13/06/2018 15:02	0.25	0.03	1.04	1.94	15.46	7.52E+02
13/06/2018 15:17	0.24	0.07	1.06	1.95	15.57	7.56E+02
13/06/2018 15:32	0.24	0.06	1.07	1.94	15.58	7.56E+02
13/06/2018 15:47	0.24	0.08	1.09	1.95	15.64	7.53E+02
13/06/2018 16:02	0.26	0.08	1.06	1.94	15.62	7.58E+02
13/06/2018 16:17	0.24	0.1	1.09	1.95	15.77	7.57E+02
13/06/2018 16:32	0.25	0.08	1.07	1.96	16.14	7.60E+02
13/06/2018 16:47	0.2	0.11	1.09	1.98	16.56	7.52E+02
13/06/2018 17:02	0.26	0.15	1.1	1.98	16.77	7.66E+02
13/06/2018 17:17	0.27	0.18	1.15	1.99	16.93	7.74E+02
13/06/2018 17:32	0.27	0.21	1.17	1.98	17.03	7.75E+02
13/06/2018 17:47	0.29	0.25	1.19	1.97	17.12	7.72E+02
13/06/2018 18:02	0.25	0.01	0.83	1.92	17.2	7.77E+02
13/06/2018 18:17	0.25	0.02	0.86	1.93	17.12	7.66E+02
13/06/2018 18:32	0.22	0.01	0.76	1.9	16.55	7.69E+02

13/06/2018 18:47	0.15	0.01	0.6	1.86	15.71	7.57E+02
13/06/2018 19:02	0.18	0.01	0.59	1.84	15.2	7.41E+02
13/06/2018 19:17	0.1	0.01	0.41	1.79	14.92	7.50E+02
13/06/2018 19:32	0.01	0.01	0.11	1.72	14.75	7.54E+02
13/06/2018 19:47	0.01	0.01	0.01	1.66	14.63	7.60E+02
13/06/2018 20:02	0.01	0.01	0.01	1.61	14.53	7.62E+02
13/06/2018 20:17	0.01	0.01	0.01	1.57	14.45	7.58E+02
13/06/2018 20:32	0.01	0.01	0.01	1.54	14.38	7.61E+02
13/06/2018 20:47	0.01	0.01	0.01	1.51	14.33	7.64E+02
13/06/2018 21:02	0.01	0.01	0.01	1.47	14.31	7.67E+02
13/06/2018 21:17	0.01	0.01	0.01	1.44	14.3	7.58E+02
13/06/2018 21:32	0.01	0.01	0.01	1.41	14.28	7.66E+02
13/06/2018 21:47	0.01	0.01	0.01	1.39	14.25	7.60E+02
13/06/2018 22:02	0.01	0.01	0.01	1.35	14.19	7.61E+02
13/06/2018 22:17	0.01	0.01	0.01	1.31	14.12	7.61E+02
13/06/2018 22:32	0.01	0.01	0.01	1.27	14.05	7.58E+02
13/06/2018 22:47	0.01	0.01	0.01	1.23	13.96	7.64E+02
13/06/2018 23:02	0.01	0.01	0.01	1.19	13.88	7.60E+02
13/06/2018 23:17	0.01	0.01	0.01	1.17	13.81	7.68E+02
13/06/2018 23:32	0.01	0.01	0.01	1.14	13.73	7.61E+02
13/06/2018 23:47	0.01	0.01	0.01	1.1	13.64	7.68E+02
14/06/2018 00:02	0.01	0.01	0.01	1.07	13.61	7.66E+02
14/06/2018 00:17	0.01	0.01	0.01	1.05	13.65	7.51E+02
14/06/2018 00:32	0.01	0.01	0.01	1.04	13.52	7.52E+02
14/06/2018 00:47	0.01	0.01	0.01	1.03	13.41	7.54E+02
14/06/2018 01:02	0.01	0.01	0.01	1.03	13.31	7.55E+02
14/06/2018 01:17	0.01	0.01	0.01	1.02	13.23	7.59E+02
14/06/2018 01:32	0.01	0.01	0.01	1.02	13.16	7.59E+02
14/06/2018 01:47	0.01	0.01	0.01	1.01	13.08	7.58E+02
14/06/2018 02:02	0.01	0.01	0.01	1.02	13.02	7.60E+02
14/06/2018 02:17	0.01	0.01	0.01	1.02	12.96	7.57E+02
14/06/2018 02:32	0.01	0.01	0.01	1.01	12.89	7.58E+02
14/06/2018 02:47	0.01	0.01	0.01	1.02	12.81	7.58E+02
14/06/2018 03:02	0.01	0.01	0.01	1.06	12.76	7.57E+02
14/06/2018 03:17	0.01	0.01	0.01	1.09	12.69	7.55E+02
14/06/2018 03:32	0.01	0.01	0.01	1.11	12.63	7.47E+02
14/06/2018 03:47	0.01	0.01	0.01	1.15	12.57	7.53E+02
14/06/2018 04:02	0.01	0.01	0.01	1.16	12.5	7.50E+02
14/06/2018 04:17	0.01	0.01	0.01	1.18	12.43	7.56E+02
14/06/2018 04:32	0.01	0.01	0.01	1.2	12.36	7.55E+02
14/06/2018 04:47	0.01	0.01	0.01	1.22	12.29	7.55E+02
14/06/2018 05:02	0.01	0.01	0.01	1.23	12.36	7.61E+02
14/06/2018 05:17	0.01	0.01	0.01	1.25	12.48	7.60E+02
14/06/2018 05:32	0.01	0.01	0.01	1.26	12.53	7.61E+02
14/06/2018 05:47	0.01	0.01	0.01	1.28	12.56	7.54E+02
14/06/2018 06:02	0.01	0.01	0.01	1.29	12.59	7.56E+02
14/06/2018 06:17	0.01	0.01	0.01	1.31	12.61	7.57E+02
14/06/2018 06:32	0.01	0.01	0.01	1.31	12.62	7.60E+02
14/06/2018 06:47	0.01	0.01	0.01	1.32	12.64	7.58E+02
14/06/2018 07:02	0.01	0.01	0.01	1.34	12.67	7.52E+02

14/06/2018 07:17	0.01	0.01	0.01	1.35	12.74	7.54E+02
14/06/2018 07:32	0.01	0.01	0.01	1.36	12.82	7.56E+02
14/06/2018 07:47	0.01	0.01	0.01	1.38	12.93	7.56E+02
14/06/2018 08:02	0.01	0.01	0.01	1.4	13.03	7.55E+02
14/06/2018 08:17	0.01	0.01	0.01	1.42	13.08	7.56E+02
14/06/2018 08:32	0.01	0.01	0.01	1.45	13.14	7.54E+02
14/06/2018 08:47	0.01	0.01	0.01	1.5	13.23	7.52E+02
14/06/2018 09:02	0.01	0.01	0.01	1.54	13.31	7.53E+02
14/06/2018 09:17	0.01	0.01	0.01	1.57	13.41	7.53E+02
14/06/2018 09:32	0.01	0.01	0.01	1.64	13.6	7.50E+02
14/06/2018 09:47	0.01	0.01	0.18	1.71	13.82	7.57E+02
14/06/2018 10:02	0.1	0.01	0.49	1.78	14.08	7.59E+02
14/06/2018 10:17	0.2	0.01	0.68	1.83	14.29	7.65E+02
14/06/2018 10:32	0.26	0.2	1.15	1.92	14.64	7.62E+02
14/06/2018 10:47	0.25	0.2	1.19	1.94	14.98	7.67E+02
14/06/2018 11:02	0.29	0.23	1.23	1.97	15.33	7.57E+02
14/06/2018 11:17	0.29	0.31	1.28	1.98	15.46	7.43E+02
14/06/2018 11:32	0.3	0.3	1.26	1.99	15.23	7.45E+02
14/06/2018 11:47	0.28	0.31	1.25	1.98	15	7.52E+02
14/06/2018 12:02	0.31	0.3	1.22	1.98	14.94	7.45E+02
14/06/2018 12:17	0.29	0.31	1.25	1.99	14.95	7.51E+02
14/06/2018 12:32	0.31	0.28	1.29	1.98	14.97	7.47E+02
14/06/2018 12:47	0.3	0.31	1.27	1.99	15.03	7.48E+02
14/06/2018 13:02	0.31	0.31	1.25	2	15.1	7.46E+02
14/06/2018 13:17	0.3	0.28	1.25	1.98	15.1	7.44E+02
14/06/2018 13:32	0.3	0.26	1.25	1.99	15.22	7.46E+02
14/06/2018 13:47	0.33	0.28	1.25	1.98	15.16	7.49E+02
14/06/2018 14:02	0.3	0.31	1.27	1.99	15.13	7.50E+02
14/06/2018 14:17	0.3	0.32	1.26	1.99	15.15	7.52E+02
14/06/2018 14:32	0.31	0.28	1.27	1.97	15.09	7.50E+02
14/06/2018 14:47	0.3	0.31	1.26	1.97	15.14	7.51E+02
14/06/2018 15:02	0.3	0.33	1.27	1.98	15.21	7.52E+02
14/06/2018 15:17	0.31	0.31	1.22	1.99	15.25	7.52E+02
14/06/2018 15:32	0.3	0.31	1.29	1.98	15.49	7.56E+02
14/06/2018 15:47	0.31	0.33	1.29	2	15.88	7.58E+02
14/06/2018 16:02	0.31	0.38	1.28	2.01	16.21	7.63E+02
14/06/2018 16:17	0.28	0.4	1.36	2.03	16.64	7.64E+02
14/06/2018 16:32	0.33	0.43	1.38	2.04	16.99	7.72E+02
14/06/2018 16:47	0.34	0.45	1.38	2.05	17.17	7.71E+02
14/06/2018 17:02	0.3	0.5	1.42	2.05	17.26	7.70E+02
14/06/2018 17:17	0.34	0.54	1.41	2.07	16.97	7.62E+02
14/06/2018 17:32	0.26	0.45	1.36	2.04	16.22	7.46E+02
14/06/2018 17:47	0.24	0.25	1.18	1.99	15.61	7.55E+02
14/06/2018 18:02	0.15	0.01	0.73	1.9	15.22	7.56E+02
14/06/2018 18:17	0.09	0.01	0.55	1.84	15	7.54E+02
14/06/2018 18:32	0.07	0.01	0.45	1.81	15.01	7.50E+02
14/06/2018 18:47	0.07	0.01	0.38	1.79	15.1	7.43E+02
14/06/2018 19:02	0.06	0.01	0.39	1.79	15.21	7.46E+02
14/06/2018 19:17	0.03	0.01	0.27	1.75	15.29	7.58E+02
14/06/2018 19:32	0.01	0.01	0.11	1.72	15.35	7.62E+02

14/06/2018 19:47	0.01	0.01	0.01	1.69	15.42	7.60E+02
14/06/2018 20:02	0.01	0.01	0.01	1.67	15.51	7.58E+02
14/06/2018 20:17	0.01	0.01	0.01	1.63	15.56	7.65E+02
14/06/2018 20:32	0.01	0.01	0.01	1.58	15.58	7.64E+02
14/06/2018 20:47	0.01	0.01	0.01	1.55	15.6	7.70E+02
14/06/2018 21:02	0.01	0.01	0.01	1.49	15.6	7.60E+02
14/06/2018 21:17	0.01	0.01	0.01	1.45	15.61	7.66E+02
14/06/2018 21:32	0.01	0.01	0.01	1.42	15.61	7.64E+02
14/06/2018 21:47	0.01	0.01	0.01	1.38	15.72	7.62E+02
14/06/2018 22:02	0.01	0.01	0.01	1.37	15.47	7.71E+02
14/06/2018 22:17	0.01	0.01	0.01	1.41	14.85	7.64E+02
14/06/2018 22:32	0.01	0.01	0.01	1.44	14.46	7.54E+02
14/06/2018 22:47	0.01	0.01	0.01	1.42	14.25	7.64E+02
14/06/2018 23:02	0.01	0.01	0.01	1.4	14.21	7.58E+02
14/06/2018 23:17	0.01	0.01	0.01	1.38	14.16	7.57E+02
14/06/2018 23:32	0.01	0.01	0.01	1.39	14.06	7.49E+02
14/06/2018 23:47	0.01	0.01	0.01	1.39	13.99	7.44E+02
15/06/2018 00:02	0.01	0.01	0.01	1.4	13.97	7.50E+02
15/06/2018 00:17	0.01	0.01	0.01	1.41	13.96	7.43E+02
15/06/2018 00:32	0.01	0.01	0.01	1.41	13.96	7.46E+02
15/06/2018 00:47	0.01	0.01	0.01	1.41	13.98	7.43E+02
15/06/2018 01:02	0.01	0.01	0.01	1.42	14.01	7.56E+02
15/06/2018 01:17	0.01	0.01	0.01	1.43	14.03	7.56E+02
15/06/2018 01:32	0.01	0.01	0.01	1.43	14.05	7.57E+02
15/06/2018 01:47	0.01	0.01	0.01	1.43	14.07	7.55E+02
15/06/2018 02:02	0.01	0.01	0.01	1.44	14.09	7.51E+02
15/06/2018 02:17	0.01	0.01	0.01	1.45	14.11	7.51E+02
15/06/2018 02:32	0.01	0.01	0.01	1.43	14.25	7.61E+02
15/06/2018 02:47	0.01	0.01	0.01	1.45	14.28	7.58E+02
15/06/2018 03:02	0.01	0.01	0.01	1.48	14.16	7.56E+02
15/06/2018 03:17	0.01	0.01	0.01	1.49	14.07	7.52E+02
15/06/2018 03:32	0.01	0.01	0.01	1.49	14.02	7.50E+02
15/06/2018 03:47	0.01	0.01	0.01	1.5	13.98	7.52E+02
15/06/2018 04:02	0.01	0.01	0.01	1.5	13.96	7.47E+02
15/06/2018 04:17	0.01	0.01	0.01	1.49	13.94	7.52E+02
15/06/2018 04:32	0.01	0.01	0.01	1.48	13.92	7.57E+02
15/06/2018 04:47	0.01	0.01	0.01	1.47	13.91	7.51E+02
15/06/2018 05:02	0.01	0.01	0.01	1.48	13.9	7.48E+02
15/06/2018 05:17	0.01	0.01	0.01	1.48	13.9	7.51E+02
15/06/2018 05:32	0.01	0.01	0.01	1.48	13.89	7.54E+02
15/06/2018 05:47	0.01	0.01	0.01	1.48	13.89	7.54E+02
15/06/2018 06:02	0.01	0.01	0.01	1.49	13.89	7.57E+02
15/06/2018 06:17	0.01	0.01	0.01	1.49	13.9	7.57E+02
15/06/2018 06:32	0.01	0.01	0.01	1.49	13.9	7.49E+02
15/06/2018 06:47	0.01	0.01	0.01	1.49	13.92	7.55E+02
15/06/2018 07:02	0.01	0.01	0.01	1.5	13.93	7.52E+02
15/06/2018 07:17	0.01	0.01	0.01	1.51	13.98	7.60E+02
15/06/2018 07:32	0.01	0.01	0.01	1.51	14.19	7.60E+02
15/06/2018 07:47	0.01	0.01	0.01	1.53	14.15	7.53E+02
15/06/2018 08:02	0.01	0.01	0.01	1.55	14.09	7.53E+02

15/06/2018 08:17	0.01	0.01	0.01	1.58	14.07	7.54E+02
15/06/2018 08:32	0.01	0.01	0.01	1.6	14.08	7.54E+02
15/06/2018 08:47	0.02	0.01	0.01	1.62	14.11	7.49E+02
15/06/2018 09:02	0.05	0.01	0.05	1.63	14.14	7.49E+02
15/06/2018 09:17	0.06	0.01	0.09	1.63	14.15	7.50E+02
15/06/2018 09:32	0.02	0.01	0.01	1.62	14.17	7.57E+02
15/06/2018 09:47	0.01	0.01	0.01	1.6	14.19	7.55E+02
15/06/2018 10:02	0.01	0.01	0.01	1.59	14.22	7.51E+02
15/06/2018 10:17	0.01	0.01	0.01	1.58	14.26	7.54E+02
15/06/2018 10:32	0.01	0.01	0.01	1.6	14.33	7.59E+02
15/06/2018 10:47	0.1	0.01	0.29	1.68	14.48	7.56E+02
15/06/2018 11:02	0.22	0.01	0.56	1.75	14.67	7.59E+02
15/06/2018 11:17	0.22	0.01	0.85	1.8	14.89	7.61E+02
15/06/2018 11:32	0.24	0.01	0.93	1.81	15.07	7.46E+02
15/06/2018 11:47	0.22	0.01	0.97	1.85	15.4	7.59E+02
15/06/2018 12:02	0.25	0.03	1.02	1.87	15.71	7.49E+02
15/06/2018 12:17	0.24	0.06	1.02	1.88	15.6	7.52E+02
15/06/2018 12:32	0.26	0.07	1.03	1.88	15.34	7.45E+02
15/06/2018 12:47	0.27	0.1	1.07	1.88	15.15	7.45E+02
15/06/2018 13:02	0.27	0.1	1.04	1.87	15.03	7.48E+02
15/06/2018 13:17	0.28	0.12	1.07	1.89	15.11	7.47E+02
15/06/2018 13:32	0.26	0.14	1.06	1.89	15.12	7.47E+02
15/06/2018 13:47	0.28	0.15	1.07	1.89	15.12	7.54E+02
15/06/2018 14:02	0.28	0.13	1.06	1.87	14.98	7.47E+02
15/06/2018 14:17	0.26	0.15	1.06	1.87	14.89	7.43E+02
15/06/2018 14:32	0.29	0.14	1.06	1.86	14.85	7.37E+02
15/06/2018 14:47	0.29	0.12	1.06	1.86	14.85	7.45E+02
15/06/2018 15:02	0.29	0.14	1.06	1.86	14.85	7.40E+02
15/06/2018 15:17	0.29	0.13	1.04	1.85	14.85	7.48E+02
15/06/2018 15:32	0.3	0.1	1.05	1.85	14.86	7.46E+02
15/06/2018 15:47	0.29	0.11	1.04	1.86	14.93	7.46E+02
15/06/2018 16:02	0.29	0.1	1.06	1.87	15.11	7.54E+02
15/06/2018 16:17	0.28	0.16	1.06	1.9	15.54	7.56E+02
15/06/2018 16:32	0.29	0.14	1.08	1.9	15.76	7.57E+02
15/06/2018 16:47	0.29	0.15	1.08	1.89	15.83	7.64E+02
15/06/2018 17:02	0.29	0.17	1.08	1.88	15.93	7.67E+02
15/06/2018 17:17	0.3	0.18	1.1	1.89	16.11	7.71E+02
15/06/2018 17:32	0.3	0.2	1.13	1.89	16.27	7.73E+02
15/06/2018 17:47	0.3	0.21	1.14	1.89	16.19	7.55E+02
15/06/2018 18:02	0.29	0.09	0.86	1.85	15.66	7.57E+02
15/06/2018 18:17	0.3	0.14	0.89	1.85	15.19	7.53E+02
15/06/2018 18:32	0.31	0.17	0.93	1.85	14.95	7.45E+02
15/06/2018 18:47	0.29	0.02	0.75	1.8	14.81	7.52E+02
15/06/2018 19:02	0.25	0.01	0.59	1.76	14.83	7.62E+02
15/06/2018 19:17	0.26	0.01	0.57	1.75	14.91	7.59E+02
15/06/2018 19:32	0.28	0.01	0.64	1.76	15.01	7.54E+02
15/06/2018 19:47	0.27	0.01	0.66	1.76	15.11	7.54E+02
15/06/2018 20:02	0.28	0.01	0.63	1.75	15.19	7.56E+02
15/06/2018 20:17	0.27	0.01	0.59	1.75	15.27	7.55E+02
15/06/2018 20:32	0.26	0.01	0.54	1.74	15.34	7.59E+02

15/06/2018 20:47	0.26	0.01	0.51	1.73	15.41	7.59E+02
15/06/2018 21:02	0.16	0.01	0.37	1.7	15.45	7.59E+02
15/06/2018 21:17	0.14	0.01	0.23	1.66	15.48	7.62E+02
15/06/2018 21:31	0.07	0.01	0.06	1.63	15.51	7.61E+02
15/06/2018 21:46	0.01	0.01	0.01	1.6	15.53	7.59E+02
15/06/2018 22:01	0.01	0.01	0.01	1.58	15.56	7.59E+02
15/06/2018 22:16	0.01	0.01	0.01	1.56	15.58	7.58E+02
15/06/2018 22:31	0.01	0.01	0.01	1.55	15.6	7.64E+02
15/06/2018 22:46	0.01	0.01	0.01	1.53	15.61	7.59E+02
15/06/2018 23:01	0.01	0.01	0.01	1.5	15.67	7.66E+02
15/06/2018 23:16	0.01	0.01	0.01	1.49	15.56	7.58E+02
15/06/2018 23:31	0.01	0.01	0.01	1.53	15.01	7.56E+02
15/06/2018 23:46	0.02	0.01	0.01	1.57	14.65	7.52E+02
16/06/2018 00:01	0.04	0.01	0.01	1.57	14.44	7.53E+02
16/06/2018 00:16	0.03	0.01	0.01	1.56	14.32	7.50E+02
16/06/2018 00:31	0.01	0.01	0.01	1.54	14.24	7.60E+02
16/06/2018 00:46	0.01	0.01	0.01	1.53	14.16	7.48E+02
16/06/2018 01:01	0.01	0.01	0.01	1.45	14.06	7.61E+02
16/06/2018 01:16	0.01	0.01	0.01	1.41	14.01	7.56E+02
16/06/2018 01:31	0.01	0.01	0.01	1.37	13.96	7.56E+02
16/06/2018 01:46	0.01	0.01	0.01	1.35	13.93	7.54E+02
16/06/2018 02:01	0.01	0.01	0.01	1.32	13.91	7.56E+02
16/06/2018 02:16	0.01	0.01	0.01	1.31	13.91	7.49E+02
16/06/2018 02:31	0.01	0.01	0.01	1.29	13.9	7.49E+02
16/06/2018 02:46	0.01	0.01	0.01	1.28	13.91	7.54E+02
16/06/2018 03:01	0.01	0.01	0.01	1.26	13.92	7.58E+02
16/06/2018 03:16	0.01	0.01	0.01	1.26	13.95	7.56E+02
16/06/2018 03:31	0.01	0.01	0.01	1.29	14.01	7.51E+02
16/06/2018 03:46	0.01	0.01	0.01	1.32	14.06	7.54E+02
16/06/2018 04:01	0.01	0.01	0.01	1.34	14.11	7.51E+02
16/06/2018 04:16	0.01	0.01	0.01	1.35	14.16	7.47E+02
16/06/2018 04:31	0.01	0.01	0.01	1.37	14.21	7.44E+02
16/06/2018 04:46	0.01	0.01	0.01	1.38	14.26	7.55E+02
16/06/2018 05:01	0.01	0.01	0.01	1.39	14.3	7.53E+02
16/06/2018 05:16	0.01	0.01	0.01	1.4	14.34	7.57E+02
16/06/2018 05:31	0.01	0.01	0.01	1.41	14.38	7.58E+02
16/06/2018 05:46	0.01	0.01	0.01	1.42	14.42	7.53E+02
16/06/2018 06:01	0.01	0.01	0.01	1.43	14.46	7.56E+02
16/06/2018 06:16	0.01	0.01	0.01	1.44	14.54	7.55E+02
16/06/2018 06:31	0.01	0.01	0.01	1.44	14.65	7.58E+02
16/06/2018 06:46	0.01	0.01	0.01	1.47	14.45	7.61E+02
16/06/2018 07:01	0.01	0.01	0.01	1.5	14.27	7.51E+02
16/06/2018 07:16	0.01	0.01	0.01	1.51	14.17	7.53E+02
16/06/2018 07:31	0.01	0.01	0.01	1.53	14.13	7.49E+02
16/06/2018 07:46	0.01	0.01	0.01	1.55	14.14	7.52E+02
16/06/2018 08:01	0.01	0.01	0.01	1.58	14.2	7.50E+02
16/06/2018 08:16	0.01	0.01	0.01	1.62	14.29	7.59E+02
16/06/2018 08:31	0.02	0.01	0.01	1.66	14.4	7.54E+02
16/06/2018 08:46	0.04	0.01	0.12	1.69	14.5	7.56E+02
16/06/2018 09:01	0.12	0.01	0.25	1.71	14.61	7.45E+02

16/06/2018 09:16	0.14	0.01	0.31	1.73	14.71	7.47E+02
16/06/2018 09:31	0.22	0.01	0.48	1.77	14.84	7.44E+02
16/06/2018 09:46	0.32	0.01	0.72	1.81	15.03	7.59E+02
16/06/2018 10:01	0.33	0.17	0.91	1.85	15.19	7.57E+02
16/06/2018 10:16	0.32	0.14	0.85	1.85	15.31	7.60E+02
16/06/2018 10:31	0.33	0.15	0.91	1.86	15.45	7.58E+02
16/06/2018 10:46	0.32	0.14	0.86	1.86	15.67	7.55E+02
16/06/2018 11:01	0.31	0.09	0.8	1.84	15.33	7.59E+02
16/06/2018 11:16	0.35	0.32	1.04	1.89	15.04	7.54E+02
16/06/2018 11:31	0.38	0.34	1.13	1.9	14.93	7.55E+02
16/06/2018 11:46	0.38	0.36	1.11	1.9	14.92	7.52E+02
16/06/2018 12:01	0.38	0.35	1.1	1.9	14.93	7.44E+02
16/06/2018 12:16	0.36	0.31	1.14	1.91	14.96	7.49E+02
16/06/2018 12:31	0.38	0.32	1.12	1.91	15.06	7.54E+02
16/06/2018 12:46	0.38	0.32	1.16	1.92	15.17	7.50E+02
16/06/2018 13:01	0.38	0.3	1.13	1.9	15.12	7.48E+02
16/06/2018 13:16	0.37	0.31	1.11	1.89	15.03	7.51E+02
16/06/2018 13:31	0.38	0.29	1.13	1.89	14.97	7.50E+02
16/06/2018 13:46	0.39	0.27	1.1	1.88	14.95	7.52E+02
16/06/2018 14:01	0.37	0.3	1.08	1.87	14.9	7.47E+02
16/06/2018 14:16	0.37	0.27	1.06	1.86	14.87	7.47E+02
16/06/2018 14:31	0.37	0.28	1.06	1.87	14.9	7.45E+02
16/06/2018 14:46	0.37	0.29	1.07	1.87	14.96	7.49E+02
16/06/2018 15:01	0.37	0.28	1.08	1.87	15.02	7.54E+02
16/06/2018 15:16	0.38	0.26	1.09	1.88	15.14	7.57E+02
16/06/2018 15:31	0.36	0.29	1.09	1.88	15.31	7.56E+02
16/06/2018 15:46	0.37	0.29	1.09	1.89	15.5	7.58E+02
16/06/2018 16:01	0.38	0.32	1.13	1.91	15.76	7.60E+02
16/06/2018 16:16	0.39	0.35	1.18	1.94	16.18	7.61E+02
16/06/2018 16:31	0.37	0.4	1.19	1.95	16.34	7.58E+02
16/06/2018 16:46	0.39	0.39	1.22	1.94	16.53	7.63E+02
16/06/2018 17:01	0.4	0.43	1.24	1.96	16.68	7.57E+02
16/06/2018 17:16	0.4	0.44	1.2	1.95	16.21	7.53E+02
16/06/2018 17:31	0.41	0.44	1.19	1.95	15.7	7.56E+02
16/06/2018 17:46	0.42	0.43	1.2	1.93	15.35	7.53E+02
16/06/2018 18:01	0.4	0.42	1.17	1.91	15.18	7.52E+02
16/06/2018 18:16	0.41	0.37	1.14	1.89	15.17	7.56E+02
16/06/2018 18:31	0.41	0.34	1.1	1.88	15.28	7.55E+02
16/06/2018 18:46	0.39	0.34	1.07	1.88	15.37	7.50E+02
16/06/2018 19:01	0.39	0.34	1.01	1.86	15.44	7.34E+02
16/06/2018 19:16	0.36	0.26	0.91	1.84	15.51	7.54E+02
16/06/2018 19:31	0.34	0.06	0.72	1.8	15.55	7.46E+02
16/06/2018 19:46	0.26	0.01	0.45	1.73	15.56	7.59E+02
16/06/2018 20:01	0.16	0.01	0.17	1.68	15.56	7.58E+02
16/06/2018 20:16	0.08	0.01	0.01	1.62	15.56	7.61E+02
16/06/2018 20:31	0.01	0.01	0.01	1.57	15.56	7.58E+02
16/06/2018 20:46	0.01	0.01	0.01	1.54	15.58	7.64E+02
16/06/2018 21:01	0.01	0.01	0.01	1.53	15.59	7.59E+02
16/06/2018 21:16	0.01	0.01	0.01	1.52	15.58	7.56E+02
16/06/2018 21:31	0.01	0.01	0.01	1.49	15.55	7.59E+02

16/06/2018 21:46	0.01	0.01	0.01	1.48	15.52	7.59E+02
16/06/2018 22:01	0.01	0.01	0.01	1.46	15.47	7.60E+02
16/06/2018 22:16	0.01	0.01	0.01	1.45	15.4	7.58E+02
16/06/2018 22:31	0.01	0.01	0.01	1.44	15.37	7.61E+02
16/06/2018 22:46	0.01	0.01	0.01	1.45	14.89	7.57E+02
16/06/2018 23:01	0.01	0.01	0.01	1.49	14.47	7.51E+02
16/06/2018 23:16	0.01	0.01	0.01	1.49	14.23	7.51E+02
16/06/2018 23:31	0.01	0.01	0.01	1.49	14.1	7.53E+02
16/06/2018 23:46	0.02	0.01	0.01	1.49	14.03	7.52E+02
17/06/2018 00:01	0.03	0.01	0.01	1.49	13.98	7.51E+02
17/06/2018 00:16	0.01	0.01	0.01	1.48	13.91	7.48E+02
17/06/2018 00:31	0.03	0.01	0.01	1.48	13.87	7.49E+02
17/06/2018 00:46	0.01	0.01	0.01	1.47	13.83	7.47E+02
17/06/2018 01:01	0.04	0.01	0.01	1.48	13.8	7.57E+02
17/06/2018 01:16	0.07	0.01	0.01	1.49	13.79	7.57E+02
17/06/2018 01:31	0.09	0.01	0.01	1.5	13.79	7.55E+02
17/06/2018 01:46	0.09	0.01	0.01	1.5	13.81	7.53E+02
17/06/2018 02:01	0.11	0.01	0.01	1.51	13.83	7.51E+02
17/06/2018 02:16	0.11	0.01	0.01	1.51	13.84	7.53E+02
17/06/2018 02:31	0.11	0.01	0.01	1.51	13.83	7.55E+02
17/06/2018 02:46	0.1	0.01	0.01	1.51	13.81	7.55E+02
17/06/2018 03:01	0.13	0.01	0.01	1.51	13.81	7.52E+02
17/06/2018 03:16	0.12	0.01	0.01	1.52	13.81	7.53E+02
17/06/2018 03:31	0.13	0.01	0.01	1.52	13.81	7.51E+02
17/06/2018 03:46	0.13	0.01	0.01	1.52	13.81	7.53E+02
17/06/2018 04:01	0.14	0.01	0.01	1.52	13.81	7.50E+02
17/06/2018 04:16	0.13	0.01	0.01	1.52	13.89	7.56E+02
17/06/2018 04:31	0.14	0.01	0.01	1.53	14.03	7.57E+02
17/06/2018 04:46	0.17	0.01	0.01	1.54	14.01	7.54E+02
17/06/2018 05:01	0.18	0.01	0.01	1.53	13.95	7.50E+02
17/06/2018 05:16	0.18	0.01	0.01	1.54	13.89	7.55E+02
17/06/2018 05:31	0.17	0.01	0.01	1.54	13.83	7.48E+02
17/06/2018 05:46	0.18	0.01	0.01	1.54	13.78	7.51E+02
17/06/2018 06:01	0.19	0.01	0.01	1.54	13.75	7.52E+02
17/06/2018 06:16	0.19	0.01	0.01	1.54	13.73	7.49E+02
17/06/2018 06:31	0.21	0.01	0.01	1.55	13.74	7.54E+02
17/06/2018 06:46	0.19	0.01	0.01	1.55	13.75	7.49E+02
17/06/2018 07:01	0.21	0.01	0.01	1.56	13.76	7.50E+02
17/06/2018 07:16	0.24	0.01	0.01	1.58	13.78	7.51E+02
17/06/2018 07:31	0.27	0.01	0.08	1.59	13.81	7.55E+02
17/06/2018 07:46	0.29	0.01	0.14	1.61	13.85	7.49E+02
17/06/2018 08:01	0.32	0.01	0.25	1.63	13.9	7.58E+02
17/06/2018 08:16	0.33	0.01	0.37	1.65	13.95	7.54E+02
17/06/2018 08:31	0.32	0.01	0.49	1.67	14.03	7.54E+02
17/06/2018 08:46	0.32	0.01	0.55	1.68	14.27	7.56E+02
17/06/2018 09:01	0.33	0.01	0.71	1.7	14.39	7.54E+02
17/06/2018 09:16	0.35	0.01	0.72	1.7	14.35	7.56E+02
17/06/2018 09:31	0.39	0.01	0.75	1.71	14.33	7.56E+02
17/06/2018 09:46	0.35	0.01	0.73	1.72	14.33	7.52E+02
17/06/2018 10:01	0.38	0.01	0.75	1.73	14.39	7.49E+02

17/06/2018 10:16	0.37	0.01	0.77	1.74	14.52	7.41E+02
17/06/2018 10:31	0.37	0.01	0.79	1.75	14.7	7.48E+02
17/06/2018 10:46	0.35	0.03	0.8	1.77	14.84	7.48E+02
17/06/2018 11:01	0.37	0.05	0.84	1.78	14.93	7.46E+02
17/06/2018 11:16	0.39	0.07	0.82	1.78	15.03	7.53E+02
17/06/2018 11:31	0.38	0.09	0.88	1.8	15.17	7.60E+02
17/06/2018 11:46	0.4	0.11	0.9	1.8	15.27	7.65E+02
17/06/2018 12:01	0.4	0.15	0.95	1.82	15.41	7.64E+02
17/06/2018 12:16	0.41	0.16	0.95	1.83	15.51	7.62E+02
17/06/2018 12:31	0.4	0.22	1	1.84	15.6	7.58E+02
17/06/2018 12:46	0.43	0.22	0.95	1.83	15.25	7.59E+02
17/06/2018 13:01	0.43	0.22	0.97	1.83	14.9	7.56E+02
17/06/2018 13:16	0.43	0.24	1	1.84	14.82	7.47E+02
17/06/2018 13:31	0.41	0.24	0.98	1.85	14.84	7.47E+02
17/06/2018 13:46	0.43	0.24	1	1.86	14.94	7.51E+02
17/06/2018 14:01	0.44	0.24	0.99	1.85	14.96	7.54E+02
17/06/2018 14:16	0.43	0.26	1.04	1.88	15.07	7.55E+02
17/06/2018 14:31	0.44	0.26	1	1.86	15.11	7.50E+02
17/06/2018 14:46	0.44	0.26	1.02	1.86	15.07	7.51E+02
17/06/2018 15:01	0.45	0.25	1	1.86	15.05	7.49E+02
17/06/2018 15:16	0.44	0.27	1	1.86	15.06	7.51E+02
17/06/2018 15:31	0.45	0.25	0.99	1.86	15.03	7.47E+02
17/06/2018 15:46	0.46	0.26	1	1.85	14.98	7.50E+02
17/06/2018 16:01	0.44	0.26	0.99	1.85	14.96	7.51E+02
17/06/2018 16:16	0.44	0.25	1	1.84	14.94	7.51E+02
17/06/2018 16:31	0.46	0.24	1.03	1.87	15.13	7.50E+02
17/06/2018 16:46	0.44	0.26	1	1.86	15.13	7.48E+02
17/06/2018 17:01	0.45	0.26	0.99	1.86	15.22	7.56E+02
17/06/2018 17:16	0.45	0.26	0.98	1.85	15.32	7.53E+02
17/06/2018 17:31	0.42	0.24	0.97	1.83	15.37	7.62E+02
17/06/2018 17:46	0.44	0.24	0.98	1.83	15.48	7.58E+02
17/06/2018 18:01	0.47	0.24	0.97	1.83	15.58	7.57E+02
17/06/2018 18:16	0.46	0.26	1	1.83	15.68	7.61E+02
17/06/2018 18:31	0.46	0.24	0.97	1.83	15.75	7.55E+02
17/06/2018 18:46	0.46	0.26	0.97	1.82	15.79	7.57E+02
17/06/2018 19:01	0.46	0.26	0.96	1.82	15.87	7.68E+02
17/06/2018 19:16	0.47	0.27	0.99	1.82	15.95	7.65E+02
17/06/2018 19:31	0.48	0.3	0.89	1.82	16.01	7.64E+02
17/06/2018 19:46	0.46	0.19	0.74	1.81	16.05	7.60E+02
17/06/2018 20:01	0.44	0.1	0.63	1.78	15.56	7.53E+02
17/06/2018 20:16	0.45	0.14	0.71	1.79	15.09	7.45E+02
17/06/2018 20:31	0.45	0.03	0.58	1.76	14.79	7.61E+02
17/06/2018 20:46	0.39	0.01	0.36	1.72	14.63	7.62E+02
17/06/2018 21:01	0.32	0.01	0.18	1.67	14.62	7.64E+02
17/06/2018 21:16	0.12	0.01	0.01	1.59	14.6	7.57E+02
17/06/2018 21:31	0.01	0.01	0.01	1.51	14.56	7.56E+02
17/06/2018 21:46	0.01	0.01	0.01	1.46	14.54	7.60E+02
17/06/2018 22:01	0.01	0.01	0.01	1.41	14.52	7.54E+02
17/06/2018 22:16	0.01	0.01	0.01	1.39	14.5	7.61E+02
17/06/2018 22:31	0.01	0.01	0.01	1.38	14.48	7.56E+02

17/06/2018 22:46	0.01	0.01	0.01	1.35	14.42	7.50E+02
17/06/2018 23:01	0.01	0.01	0.01	1.31	14.37	7.55E+02
17/06/2018 23:16	0.01	0.01	0.01	1.3	14.33	7.53E+02
17/06/2018 23:31	0.01	0.01	0.01	1.28	14.31	7.56E+02
17/06/2018 23:46	0.01	0.01	0.01	1.27	14.31	7.56E+02
18/06/2018 00:01	0.01	0.01	0.01	1.26	14.33	7.52E+02
18/06/2018 00:16	0.01	0.01	0.01	1.25	14.39	7.53E+02
18/06/2018 00:31	0.01	0.01	0.01	1.26	14.17	7.57E+02
18/06/2018 00:46	0.01	0.01	0.01	1.26	13.97	7.55E+02
18/06/2018 01:01	0.01	0.01	0.01	1.25	13.85	7.60E+02
18/06/2018 01:16	0.01	0.01	0.01	1.25	13.79	7.62E+02
18/06/2018 01:31	0.01	0.01	0.01	1.25	13.74	7.59E+02
18/06/2018 01:46	0.01	0.01	0.01	1.26	13.7	7.62E+02
18/06/2018 02:01	0.01	0.01	0.01	1.3	13.69	7.51E+02
18/06/2018 02:16	0.01	0.01	0.01	1.32	13.67	7.50E+02
18/06/2018 02:31	0.01	0.01	0.01	1.35	13.65	7.47E+02
18/06/2018 02:46	0.01	0.01	0.01	1.37	13.63	7.49E+02
18/06/2018 03:01	0.01	0.01	0.01	1.39	13.6	7.53E+02
18/06/2018 03:16	0.01	0.01	0.01	1.41	13.58	7.53E+02
18/06/2018 03:31	0.01	0.01	0.01	1.41	13.56	7.52E+02
18/06/2018 03:46	0.01	0.01	0.01	1.42	13.51	7.52E+02
18/06/2018 04:01	0.01	0.01	0.01	1.43	13.47	7.53E+02
18/06/2018 04:16	0.01	0.01	0.01	1.44	13.43	7.54E+02
18/06/2018 04:31	0.01	0.01	0.01	1.45	13.41	7.51E+02
18/06/2018 04:46	0.01	0.01	0.01	1.46	13.4	7.52E+02
18/06/2018 05:01	0.01	0.01	0.01	1.47	13.38	7.48E+02
18/06/2018 05:16	0.01	0.01	0.01	1.48	13.38	7.51E+02
18/06/2018 05:31	0.01	0.01	0.01	1.49	13.37	7.50E+02
18/06/2018 05:46	0.02	0.01	0.01	1.5	13.37	7.47E+02
18/06/2018 06:01	0.05	0.01	0.01	1.51	13.37	7.49E+02
18/06/2018 06:16	0.07	0.01	0.01	1.52	13.38	7.56E+02
18/06/2018 06:31	0.09	0.01	0.01	1.54	13.39	7.48E+02
18/06/2018 06:46	0.09	0.01	0.01	1.52	13.5	7.51E+02
18/06/2018 07:01	0.12	0.01	0.01	1.53	13.7	7.51E+02
18/06/2018 07:16	0.13	0.01	0.01	1.55	13.76	7.54E+02
18/06/2018 07:31	0.18	0.01	0.01	1.56	13.8	7.53E+02
18/06/2018 07:46	0.21	0.01	0.01	1.57	13.83	7.51E+02
18/06/2018 08:01	0.23	0.01	0.01	1.59	13.86	7.57E+02
18/06/2018 08:16	0.25	0.01	0.01	1.6	13.89	7.51E+02
18/06/2018 08:31	0.34	0.01	0.1	1.65	13.96	7.58E+02
18/06/2018 08:46	0.36	0.01	0.18	1.66	14.02	7.51E+02
18/06/2018 09:01	0.38	0.01	0.23	1.67	14.08	7.55E+02
18/06/2018 09:16	0.4	0.01	0.28	1.68	14.15	7.54E+02
18/06/2018 09:31	0.41	0.01	0.29	1.69	14.21	7.58E+02
18/06/2018 09:46	0.4	0.01	0.32	1.7	14.27	7.57E+02
18/06/2018 10:01	0.43	0.01	0.34	1.7	14.33	7.62E+02
18/06/2018 10:16	0.44	0.01	0.39	1.71	14.4	7.53E+02
18/06/2018 10:31	0.45	0.01	0.43	1.71	14.46	7.54E+02
18/06/2018 10:46	0.47	0.01	0.5	1.73	14.54	7.55E+02
18/06/2018 11:01	0.46	0.01	0.48	1.74	14.77	7.54E+02

18/06/2018 11:16	0.48	0.03	0.53	1.75	14.68	7.52E+02
18/06/2018 11:31	0.51	0.21	0.71	1.78	14.52	7.50E+02
18/06/2018 11:46	0.52	0.3	0.86	1.82	14.47	7.52E+02
18/06/2018 12:01	0.51	0.29	0.91	1.8	14.45	7.50E+02
18/06/2018 12:16	0.52	0.31	0.95	1.82	14.45	7.54E+02
18/06/2018 12:31	0.52	0.3	0.95	1.81	14.45	7.52E+02
18/06/2018 12:46	0.53	0.3	0.99	1.82	14.47	7.51E+02
18/06/2018 13:01	0.53	0.3	0.96	1.82	14.48	7.52E+02
18/06/2018 13:16	0.52	0.31	0.95	1.82	14.51	7.46E+02
18/06/2018 13:31	0.52	0.29	0.97	1.82	14.55	7.48E+02
18/06/2018 13:46	0.52	0.34	0.98	1.83	14.59	7.48E+02
18/06/2018 14:01	0.51	0.31	1	1.85	14.7	7.49E+02
18/06/2018 14:16	0.51	0.34	0.98	1.85	14.74	7.54E+02
18/06/2018 14:31	0.53	0.35	1.01	1.86	14.85	7.50E+02
18/06/2018 14:46	0.54	0.35	1.02	1.86	14.86	7.46E+02
18/06/2018 15:01	0.53	0.36	1.02	1.85	14.84	7.51E+02
18/06/2018 15:16	0.52	0.36	1.02	1.86	14.79	7.50E+02
18/06/2018 15:31	0.54	0.35	1.02	1.86	14.86	7.54E+02
18/06/2018 15:46	0.54	0.37	1.04	1.86	15	7.57E+02
18/06/2018 16:01	0.54	0.37	1.04	1.87	15.12	7.58E+02
18/06/2018 16:16	0.55	0.39	1.05	1.87	15.26	7.59E+02
18/06/2018 16:31	0.54	0.43	1.08	1.88	15.42	7.61E+02
18/06/2018 16:46	0.56	0.43	1.09	1.89	15.64	7.65E+02
18/06/2018 17:01	0.56	0.44	1.1	1.9	15.76	7.61E+02
18/06/2018 17:16	0.54	0.46	1.11	1.91	16	7.52E+02
18/06/2018 17:31	0.56	0.47	1.1	1.9	15.67	7.57E+02
18/06/2018 17:46	0.55	0.52	1.09	1.9	15.34	7.57E+02
18/06/2018 18:01	0.56	0.52	1.1	1.9	15.12	7.56E+02
18/06/2018 18:16	0.57	0.48	1.1	1.89	14.97	7.58E+02
18/06/2018 18:31	0.57	0.47	1.06	1.87	15	7.59E+02
18/06/2018 18:46	0.56	0.45	1.01	1.86	15.05	7.54E+02
18/06/2018 19:01	0.56	0.43	0.96	1.85	15.1	7.47E+02
18/06/2018 19:16	0.55	0.42	0.92	1.84	15.16	7.42E+02
18/06/2018 19:31	0.54	0.39	0.86	1.83	15.22	7.46E+02
18/06/2018 19:46	0.55	0.39	0.89	1.83	15.31	7.40E+02
18/06/2018 20:01	0.54	0.37	0.91	1.83	15.39	7.49E+02
18/06/2018 20:16	0.54	0.33	0.79	1.81	15.43	7.49E+02
18/06/2018 20:31	0.52	0.13	0.61	1.77	15.45	7.57E+02
18/06/2018 20:46	0.5	0.01	0.43	1.73	15.52	7.60E+02
18/06/2018 21:01	0.45	0.01	0.26	1.69	15.51	7.59E+02
18/06/2018 21:16	0.39	0.01	0.12	1.66	15.49	7.59E+02
18/06/2018 21:31	0.36	0.01	0.04	1.63	15.48	7.60E+02
18/06/2018 21:46	0.34	0.01	0.01	1.62	15.47	7.61E+02
18/06/2018 22:01	0.35	0.01	0.01	1.62	15.46	7.63E+02
18/06/2018 22:16	0.36	0.01	0.01	1.63	15.47	7.62E+02
18/06/2018 22:31	0.43	0.01	0.1	1.65	15.27	7.64E+02
18/06/2018 22:46	0.5	0.01	0.31	1.67	14.78	7.56E+02
18/06/2018 23:01	0.53	0.01	0.37	1.68	14.48	7.53E+02
18/06/2018 23:16	0.5	0.01	0.31	1.67	14.3	7.55E+02
18/06/2018 23:31	0.52	0.01	0.3	1.66	14.2	7.54E+02

18/06/2018 23:46	0.52	0.01	0.27	1.65	14.14	7.60E+02
19/06/2018 00:01	0.51	0.01	0.25	1.65	14.1	7.54E+02
19/06/2018 00:16	0.51	0.01	0.27	1.64	14.05	7.56E+02
19/06/2018 00:31	0.52	0.01	0.28	1.64	14.01	7.53E+02
19/06/2018 00:46	0.49	0.01	0.32	1.63	13.98	7.56E+02
19/06/2018 01:01	0.47	0.01	0.36	1.63	13.96	7.60E+02
19/06/2018 01:16	0.45	0.01	0.35	1.62	13.93	7.53E+02
19/06/2018 01:31	0.42	0.01	0.4	1.61	13.9	7.55E+02
19/06/2018 01:46	0.41	0.01	0.34	1.6	13.87	7.49E+02
19/06/2018 02:01	0.4	0.01	0.42	1.59	13.84	7.54E+02
19/06/2018 02:16	0.38	0.01	0.42	1.58	13.82	7.54E+02
19/06/2018 02:31	0.37	0.01	0.39	1.58	13.79	7.53E+02
19/06/2018 02:46	0.37	0.01	0.41	1.58	13.76	7.54E+02
19/06/2018 03:01	0.37	0.01	0.39	1.57	13.74	7.54E+02
19/06/2018 03:16	0.35	0.01	0.35	1.57	13.71	7.53E+02
19/06/2018 03:31	0.38	0.01	0.38	1.57	13.68	7.48E+02
19/06/2018 03:46	0.36	0.01	0.37	1.57	13.65	7.54E+02
19/06/2018 04:01	0.35	0.01	0.36	1.57	13.62	7.51E+02
19/06/2018 04:16	0.35	0.01	0.39	1.57	13.58	7.49E+02
19/06/2018 04:31	0.36	0.01	0.37	1.56	13.54	7.49E+02
19/06/2018 04:46	0.35	0.01	0.38	1.57	13.51	7.48E+02
19/06/2018 05:01	0.37	0.01	0.38	1.57	13.48	7.52E+02
19/06/2018 05:16	0.36	0.01	0.37	1.57	13.45	7.47E+02
19/06/2018 05:31	0.36	0.01	0.41	1.58	13.41	7.49E+02
19/06/2018 05:46	0.36	0.01	0.41	1.58	13.38	7.46E+02
19/06/2018 06:01	0.36	0.01	0.39	1.59	13.35	7.50E+02
19/06/2018 06:16	0.38	0.01	0.42	1.58	13.32	7.47E+02
19/06/2018 06:31	0.37	0.01	0.44	1.58	13.29	7.47E+02
19/06/2018 06:46	0.38	0.01	0.45	1.59	13.26	7.44E+02
19/06/2018 07:01	0.37	0.01	0.43	1.59	13.26	7.45E+02
19/06/2018 07:16	0.4	0.01	0.44	1.6	13.28	7.48E+02
19/06/2018 07:31	0.4	0.01	0.47	1.61	13.3	7.50E+02
19/06/2018 07:46	0.39	0.01	0.48	1.61	13.43	7.55E+02
19/06/2018 08:01	0.4	0.01	0.46	1.62	13.67	7.50E+02
19/06/2018 08:16	0.41	0.01	0.47	1.63	13.76	7.50E+02
19/06/2018 08:31	0.44	0.01	0.49	1.63	13.81	7.54E+02
19/06/2018 08:46	0.44	0.01	0.54	1.65	13.89	7.57E+02
19/06/2018 09:01	0.46	0.01	0.6	1.68	13.98	7.56E+02
19/06/2018 09:16	0.48	0.01	0.61	1.7	14.11	7.51E+02
19/06/2018 09:31	0.48	0.01	0.63	1.71	14.26	7.50E+02
19/06/2018 09:46	0.49	0.01	0.65	1.74	14.47	7.46E+02
19/06/2018 10:01	0.49	0.04	0.7	1.76	14.68	7.45E+02
19/06/2018 10:16	0.5	0.07	0.74	1.79	14.97	7.57E+02
19/06/2018 10:31	0.51	0.08	0.78	1.81	15.31	7.57E+02
19/06/2018 10:46	0.5	0.14	0.81	1.86	15.75	7.61E+02
19/06/2018 11:01	0.54	0.19	0.86	1.88	16.12	7.57E+02
19/06/2018 11:16	0.54	0.26	0.92	1.91	16.52	7.76E+02
19/06/2018 11:31	0.55	0.33	0.97	1.93	16.95	7.73E+02
19/06/2018 11:46	0.57	0.46	1.07	1.95	17.29	7.86E+02
19/06/2018 12:01	0.58	0.55	1.15	1.97	17.67	7.93E+02

19/06/2018 12:16	0.64	0.75	1.29	2.05	17.57	7.63E+02
19/06/2018 12:31	0.7	0.91	1.4	2.09	17.17	7.65E+02
19/06/2018 12:46	0.72	1.03	1.54	2.13	16.61	7.61E+02
19/06/2018 13:01	0.75	1.13	1.6	2.16	16.3	7.58E+02
19/06/2018 13:16	0.69	1.25	1.65	2.18	16.15	7.59E+02
19/06/2018 13:31	0.61	1.31	1.73	2.19	16.09	7.56E+02
19/06/2018 13:46	0.59	1.2	1.74	2.19	16.11	7.55E+02
19/06/2018 14:01	0.57	1.05	1.7	2.17	16.1	7.55E+02
19/06/2018 14:16	0.56	1	1.66	2.17	16.14	7.56E+02
19/06/2018 14:31	0.51	0.71	1.38	2.13	16.02	7.58E+02
19/06/2018 14:46	0.53	0.78	1.46	2.14	16.07	7.55E+02
19/06/2018 15:01	0.51	0.72	1.37	2.12	16.08	7.58E+02
19/06/2018 15:16	0.51	0.75	1.42	2.13	16.15	7.56E+02
19/06/2018 15:31	0.53	0.75	1.43	2.13	16.21	7.54E+02
19/06/2018 15:46	0.52	0.75	1.41	2.13	16.25	7.55E+02
19/06/2018 16:01	0.52	0.72	1.37	2.12	16.28	7.58E+02
19/06/2018 16:16	0.53	0.66	1.35	2.12	16.29	7.54E+02
19/06/2018 16:31	0.53	0.64	1.3	2.11	16.32	7.57E+02
19/06/2018 16:46	0.48	0.7	1.37	2.12	16.67	7.62E+02
19/06/2018 17:01	0.5	0.64	1.31	2.11	17.03	7.68E+02
19/06/2018 17:16	0.48	0.47	1.13	2.08	17.25	7.69E+02
19/06/2018 17:31	0.4	0.01	0.64	1.99	17.38	7.63E+02
19/06/2018 17:46	0.25	0.01	0.25	1.92	17.52	7.80E+02
19/06/2018 18:01	0.13	0.01	0.01	1.87	17.66	7.82E+02
19/06/2018 18:16	0.03	0.01	0.01	1.83	17.8	7.84E+02
19/06/2018 18:31	0.01	0.01	0.01	1.79	17.92	7.82E+02
19/06/2018 18:46	0.01	0.01	0.01	1.75	18.03	7.71E+02
19/06/2018 19:01	0.01	0.01	0.01	1.71	18.14	7.84E+02
19/06/2018 19:16	0.01	0.01	0.01	1.65	18.22	7.83E+02
19/06/2018 19:31	0.01	0.01	0.01	1.59	18.27	7.88E+02
19/06/2018 19:46	0.01	0.01	0.01	1.62	17.97	7.69E+02
19/06/2018 20:01	0.01	0.01	0.01	1.61	16.86	7.78E+02
19/06/2018 20:16	0.01	0.01	0.01	1.66	15.99	7.57E+02
19/06/2018 20:31	0.01	0.01	0.01	1.68	15.55	7.61E+02
19/06/2018 20:46	0.01	0.01	0.01	1.64	15.31	7.54E+02
19/06/2018 21:01	0.01	0.01	0.01	1.6	15.16	7.62E+02
19/06/2018 21:16	0.01	0.01	0.01	1.56	15.05	7.59E+02
19/06/2018 21:31	0.01	0.01	0.01	1.52	14.96	7.59E+02
19/06/2018 21:46	0.01	0.01	0.01	1.49	14.94	7.58E+02
19/06/2018 22:01	0.01	0.01	0.01	1.47	14.98	7.61E+02
19/06/2018 22:16	0.01	0.01	0.01	1.45	15.04	7.50E+02
19/06/2018 22:31	0.01	0.01	0.01	1.43	15.08	7.53E+02
19/06/2018 22:46	0.01	0.01	0.01	1.41	15.13	7.47E+02
19/06/2018 23:01	0.01	0.01	0.01	1.4	15.18	7.56E+02
19/06/2018 23:16	0.01	0.01	0.01	1.39	15.22	7.50E+02
19/06/2018 23:31	0.01	0.01	0.01	1.39	15.25	7.55E+02
19/06/2018 23:46	0.01	0.01	0.01	1.38	15.29	7.49E+02
20/06/2018 00:01	0.01	0.01	0.01	1.37	15.31	7.55E+02
20/06/2018 00:16	0.01	0.01	0.01	1.38	15.34	7.56E+02
20/06/2018 00:31	0.01	0.01	0.01	1.37	15.36	7.55E+02

20/06/2018 00:46	0.01	0.01	0.01	1.36	15.38	7.56E+02
20/06/2018 01:01	0.01	0.01	0.01	1.35	15.39	7.56E+02
20/06/2018 01:16	0.01	0.01	0.01	1.35	15.42	7.58E+02
20/06/2018 01:31	0.01	0.01	0.01	1.36	15.43	7.58E+02
20/06/2018 01:46	0.01	0.01	0.01	1.35	15.53	7.55E+02
20/06/2018 02:01	0.01	0.01	0.01	1.37	15.24	7.60E+02
20/06/2018 02:16	0.01	0.01	0.01	1.41	14.82	7.45E+02
20/06/2018 02:31	0.01	0.01	0.01	1.42	14.58	7.51E+02
20/06/2018 02:46	0.01	0.01	0.01	1.38	14.42	7.55E+02
20/06/2018 03:01	0.01	0.01	0.01	1.37	14.34	7.58E+02
20/06/2018 03:16	0.01	0.01	0.01	1.38	14.29	7.61E+02
20/06/2018 03:31	0.01	0.01	0.01	1.38	14.26	7.61E+02
20/06/2018 03:46	0.01	0.01	0.01	1.39	14.24	7.58E+02
20/06/2018 04:01	0.01	0.01	0.01	1.39	14.22	7.59E+02
20/06/2018 04:16	0.01	0.01	0.01	1.39	14.2	7.56E+02
20/06/2018 04:31	0.01	0.01	0.01	1.4	14.19	7.57E+02
20/06/2018 04:46	0.01	0.01	0.01	1.4	14.18	7.58E+02
20/06/2018 05:01	0.01	0.01	0.01	1.4	14.18	7.58E+02
20/06/2018 05:16	0.01	0.01	0.01	1.4	14.18	7.63E+02
20/06/2018 05:31	0.01	0.01	0.01	1.41	14.18	7.60E+02
20/06/2018 05:46	0.01	0.01	0.01	1.41	14.18	7.62E+02
20/06/2018 06:01	0.01	0.01	0.01	1.42	14.18	7.57E+02
20/06/2018 06:16	0.01	0.01	0.01	1.42	14.17	7.64E+02
20/06/2018 06:31	0.01	0.01	0.01	1.42	14.17	7.62E+02
20/06/2018 06:46	0.01	0.01	0.01	1.43	14.18	7.57E+02
20/06/2018 07:01	0.01	0.01	0.01	1.44	14.19	7.59E+02
20/06/2018 07:16	0.01	0.01	0.01	1.44	14.21	7.57E+02
20/06/2018 07:31	0.01	0.01	0.01	1.45	14.22	7.55E+02
20/06/2018 07:46	0.01	0.01	0.01	1.46	14.24	7.59E+02
20/06/2018 08:01	0.01	0.01	0.01	1.47	14.27	7.63E+02
20/06/2018 08:16	0.01	0.01	0.01	1.48	14.3	7.59E+02
20/06/2018 08:31	0.01	0.01	0.01	1.52	14.37	7.51E+02
20/06/2018 08:46	0.07	0.01	0.01	1.58	14.52	7.49E+02
20/06/2018 09:01	0.13	0.01	0.01	1.62	14.93	7.42E+02
20/06/2018 09:16	0.25	0.01	0.01	1.68	14.98	7.51E+02
20/06/2018 09:31	0.38	0.01	0.07	1.75	15.04	7.59E+02
20/06/2018 09:46	0.51	0.01	0.41	1.82	15.18	7.56E+02
20/06/2018 10:01	0.56	0.23	0.74	1.89	15.33	7.56E+02
20/06/2018 10:16	0.61	0.57	1.04	1.95	15.48	7.52E+02
20/06/2018 10:31	0.25	0.01	0.01	2.05	15.49	8.06E+02
20/06/2018 10:46	0.39	0.01	0.01	2.02	15.66	8.05E+02
20/06/2018 11:01	0.44	0.01	0.01	1.94	15.79	8.08E+02
20/06/2018 11:16	0.63	0.01	0.04	1.95	15.93	8.03E+02
20/06/2018 11:31	0.7	0.01	0.23	1.98	16.07	7.96E+02
20/06/2018 11:46	0.73	0.01	0.42	2.01	16.19	7.89E+02
20/06/2018 12:01	0.67	0.06	0.57	2.01	16.31	7.99E+02
20/06/2018 12:16	0.71	0.19	0.69	2	16.42	7.97E+02
20/06/2018 12:31	0.73	0.3	0.83	2.03	16.52	7.98E+02
20/06/2018 12:46	0.64	0.41	0.88	2.03	16.85	8.11E+02
20/06/2018 13:01	0.61	0.36	0.85	2.01	17.43	8.19E+02

20/06/2018 13:16	0.64	0.32	0.82	2.02	17.82	8.25E+02
20/06/2018 13:31	0.6	0.17	0.67	1.99	18.23	8.27E+02
20/06/2018 13:46	0.57	0.01	0.51	1.98	18.65	8.39E+02
20/06/2018 14:01	0.52	0.01	0.38	1.96	19.05	8.47E+02
20/06/2018 14:16	0.43	0.01	0.17	1.93	19.61	8.52E+02
20/06/2018 14:31	0.44	0.01	0.14	1.93	20.16	8.56E+02
20/06/2018 14:46	0.48	0.01	0.13	1.93	20.73	8.82E+02
20/06/2018 15:01	0.39	0.01	0.1	1.94	21.26	8.81E+02
20/06/2018 15:16	0.42	0.01	0.13	1.94	21.8	8.87E+02
20/06/2018 15:31	0.42	0.01	0.13	1.94	22.35	9.01E+02
20/06/2018 15:46	0.52	0.01	0.32	1.97	22.1	8.65E+02
20/06/2018 16:01	0.58	0.42	0.86	2.08	20.51	8.40E+02
20/06/2018 16:16	0.62	0.64	1.12	2.12	18.76	8.34E+02
20/06/2018 16:31	0.64	0.85	1.35	2.16	17.87	8.18E+02
20/06/2018 16:46	0.64	0.91	1.41	2.18	17.43	8.12E+02
20/06/2018 17:01	0.64	0.93	1.45	2.18	17.11	8.09E+02
20/06/2018 17:16	0.62	0.8	1.33	2.16	16.81	8.05E+02
20/06/2018 17:31	0.59	0.51	1.08	2.11	16.6	8.01E+02
20/06/2018 17:46	0.55	0.3	0.87	2.06	16.48	7.97E+02
20/06/2018 18:01	0.53	0.12	0.68	2.02	16.38	8.04E+02
20/06/2018 18:16	0.51	0.01	0.55	2	16.3	8.06E+02
20/06/2018 18:31	0.48	0.01	0.42	1.97	16.31	8.03E+02
20/06/2018 18:46	0.46	0.01	0.35	1.95	16.51	8.08E+02
20/06/2018 19:01	0.42	0.01	0.25	1.93	16.72	8.17E+02
20/06/2018 19:16	0.37	0.01	0.12	1.9	16.93	8.12E+02
20/06/2018 19:31	0.32	0.01	0.01	1.87	17.14	8.18E+02
20/06/2018 19:46	0.26	0.01	0.01	1.83	17.33	8.19E+02
20/06/2018 20:01	0.2	0.01	0.01	1.79	17.53	8.25E+02
20/06/2018 20:16	0.18	0.01	0.01	1.78	17.62	8.16E+02
20/06/2018 20:31	0.12	0.01	0.01	1.74	16.87	8.23E+02
20/06/2018 20:46	0.2	0.01	0.01	1.78	16.23	8.02E+02
20/06/2018 21:01	0.22	0.01	0.01	1.77	15.94	8.04E+02
20/06/2018 21:16	0.18	0.01	0.01	1.75	15.82	8.10E+02
20/06/2018 21:31	0.16	0.01	0.01	1.74	15.76	8.01E+02
20/06/2018 21:46	0.13	0.01	0.01	1.71	15.77	8.04E+02
20/06/2018 22:01	0.12	0.01	0.01	1.68	15.82	8.06E+02
20/06/2018 22:16	0.03	0.01	0.01	1.65	15.92	8.10E+02
20/06/2018 22:31	0.01	0.01	0.01	1.62	16.02	8.11E+02
20/06/2018 22:46	0.01	0.01	0.01	1.61	16.11	8.10E+02
20/06/2018 23:01	0.01	0.01	0.01	1.58	16.19	8.10E+02
20/06/2018 23:16	0.01	0.01	0.01	1.57	16.26	8.10E+02
20/06/2018 23:31	0.01	0.01	0.01	1.55	16.32	8.10E+02
20/06/2018 23:46	0.01	0.01	0.01	1.54	16.38	8.09E+02
21/06/2018 00:01	0.01	0.01	0.01	1.52	16.43	8.11E+02
21/06/2018 00:16	0.01	0.01	0.01	1.5	16.47	8.10E+02
21/06/2018 00:31	0.01	0.01	0.01	1.49	16.5	8.09E+02
21/06/2018 00:46	0.01	0.01	0.01	1.48	16.54	8.06E+02
21/06/2018 01:01	0.01	0.01	0.01	1.47	16.57	8.10E+02
21/06/2018 01:16	0.01	0.01	0.01	1.46	16.59	8.07E+02
21/06/2018 01:31	0.01	0.01	0.01	1.45	16.74	8.05E+02

21/06/2018 01:46	0.01	0.01	0.01	1.46	16.53	8.10E+02
21/06/2018 02:01	0.01	0.01	0.01	1.48	15.77	8.12E+02
21/06/2018 02:16	0.01	0.01	0.01	1.54	15.33	8.10E+02
21/06/2018 02:31	0.01	0.01	0.01	1.53	15.1	8.06E+02
21/06/2018 02:46	0.01	0.01	0.01	1.53	14.99	8.03E+02
21/06/2018 03:01	0.01	0.01	0.01	1.53	14.91	8.03E+02
21/06/2018 03:16	0.01	0.01	0.01	1.53	14.86	8.06E+02
21/06/2018 03:31	0.01	0.01	0.01	1.52	14.82	8.03E+02
21/06/2018 03:46	0.01	0.01	0.01	1.52	14.79	8.04E+02
21/06/2018 04:01	0.01	0.01	0.01	1.5	14.82	8.03E+02
21/06/2018 04:16	0.01	0.01	0.01	1.5	14.85	8.03E+02
21/06/2018 04:31	0.01	0.01	0.01	1.5	14.89	8.02E+02
21/06/2018 04:46	0.01	0.01	0.01	1.48	14.9	7.95E+02
21/06/2018 05:01	0.01	0.01	0.01	1.48	14.93	7.95E+02
21/06/2018 05:16	0.01	0.01	0.01	1.48	14.96	8.01E+02
21/06/2018 05:31	0.01	0.01	0.01	1.49	14.98	8.00E+02
21/06/2018 05:46	0.01	0.01	0.01	1.48	14.99	8.00E+02
21/06/2018 06:01	0.01	0.01	0.01	1.49	15.01	8.00E+02
21/06/2018 06:16	0.01	0.01	0.01	1.48	15.02	7.96E+02
21/06/2018 06:31	0.01	0.01	0.01	1.49	15.03	8.00E+02
21/06/2018 06:46	0.01	0.01	0.01	1.49	15.04	8.00E+02
21/06/2018 07:01	0.01	0.01	0.01	1.49	15.05	7.99E+02
21/06/2018 07:16	0.01	0.01	0.01	1.49	15.06	8.00E+02
21/06/2018 07:31	0.01	0.01	0.01	1.49	15.3	8.06E+02
21/06/2018 07:46	0.01	0.01	0.01	1.51	15.3	8.06E+02
21/06/2018 08:01	0.01	0.01	0.01	1.53	15.02	8.04E+02
21/06/2018 08:16	0.01	0.01	0.01	1.56	14.86	8.02E+02
21/06/2018 08:31	0.05	0.01	0.01	1.59	14.81	8.00E+02
21/06/2018 08:46	0.18	0.01	0.01	1.65	14.89	8.04E+02
21/06/2018 09:01	0.28	0.01	0.01	1.72	15	8.04E+02
21/06/2018 09:16	0.42	0.01	0.01	1.79	15.16	7.99E+02
21/06/2018 09:31	0.54	0.01	0.18	1.84	15.36	8.01E+02
21/06/2018 09:46	0.62	0.03	0.44	1.91	15.57	8.05E+02
21/06/2018 10:01	0.63	0.28	0.69	1.95	15.79	8.06E+02
21/06/2018 10:16	0.68	0.46	0.88	2	16.26	8.12E+02
21/06/2018 10:31	0.7	0.6	1.02	2.03	16.86	8.22E+02
21/06/2018 10:46	0.73	0.74	1.12	2.06	17.49	8.27E+02
21/06/2018 11:01	0.76	0.74	1.14	2.07	18.12	8.26E+02
21/06/2018 11:16	0.82	0.84	1.27	2.09	18.24	8.13E+02
21/06/2018 11:31	0.88	0.82	1.22	2.09	18.76	8.28E+02
21/06/2018 11:46	0.75	0.83	1.22	2.08	19.27	8.34E+02
21/06/2018 12:01	0.73	0.82	1.17	2.09	19.82	8.32E+02
21/06/2018 12:16	0.79	0.8	1.18	2.1	19.63	8.29E+02
21/06/2018 12:31	0.78	0.82	1.24	2.14	18.83	8.25E+02
21/06/2018 12:46	0.76	0.88	1.25	2.14	17.94	8.21E+02
21/06/2018 13:01	0.79	0.89	1.3	2.13	17.44	8.07E+02
21/06/2018 13:16	0.79	0.96	1.32	2.16	17.24	8.06E+02
21/06/2018 13:31	0.81	0.94	1.32	2.15	16.96	8.03E+02
21/06/2018 13:46	0.8	0.96	1.31	2.13	16.69	8.03E+02
21/06/2018 14:01	0.82	0.94	1.33	2.14	16.78	8.08E+02

21/06/2018 14:16	0.82	0.94	1.31	2.13	16.7	8.08E+02
21/06/2018 14:31	0.82	0.97	1.3	2.13	16.63	8.06E+02
21/06/2018 14:46	0.8	0.93	1.32	2.12	16.55	8.02E+02
21/06/2018 15:01	0.81	0.95	1.29	2.12	16.59	8.03E+02
21/06/2018 15:16	0.82	0.94	1.34	2.14	16.84	7.99E+02
21/06/2018 15:31	0.8	0.94	1.33	2.14	17.03	8.05E+02
21/06/2018 15:46	0.82	0.92	1.31	2.14	17.19	8.06E+02
21/06/2018 16:01	0.8	0.96	1.32	2.14	17.22	8.09E+02
21/06/2018 16:16	0.8	0.96	1.34	2.14	17.22	8.06E+02
21/06/2018 16:31	0.81	0.93	1.31	2.14	17.22	8.06E+02
21/06/2018 16:46	0.81	0.94	1.3	2.14	17.16	8.11E+02
21/06/2018 17:01	0.82	0.93	1.29	2.13	17.34	8.12E+02
21/06/2018 17:16	0.8	0.89	1.29	2.12	17.58	8.13E+02
21/06/2018 17:31	0.81	0.89	1.26	2.1	17.71	7.99E+02
21/06/2018 17:46	0.81	0.85	1.24	2.15	17.93	8.12E+02
21/06/2018 18:01	0.8	0.85	1.22	2.2	18.13	8.20E+02
21/06/2018 18:16	0.75	0.82	1.2	2.14	18.32	8.20E+02
21/06/2018 18:31	0.73	0.73	1.08	2.11	18.51	8.19E+02
21/06/2018 18:46	0.71	0.56	0.91	2.08	18.67	8.26E+02
21/06/2018 19:01	0.72	0.49	0.83	2.06	18.88	8.22E+02
21/06/2018 19:16	0.69	0.44	0.79	2.01	18.63	8.21E+02
21/06/2018 19:31	0.67	0.35	0.71	1.98	17.62	8.27E+02
21/06/2018 19:46	0.69	0.59	0.92	2.01	16.88	8.13E+02
21/06/2018 20:01	0.71	0.57	0.92	2.01	16.52	7.97E+02
21/06/2018 20:16	0.7	0.44	0.81	1.97	16.32	8.01E+02
21/06/2018 20:31	0.68	0.29	0.67	1.95	16.2	8.02E+02
21/06/2018 20:46	0.66	0.19	0.55	1.92	16.12	8.06E+02
21/06/2018 21:01	0.67	0.14	0.5	1.9	16.06	8.08E+02
21/06/2018 21:16	0.65	0.02	0.38	1.88	16	8.05E+02
21/06/2018 21:31	0.62	0.01	0.25	1.85	15.93	8.07E+02
21/06/2018 21:46	0.59	0.01	0.13	1.83	15.87	8.05E+02
21/06/2018 22:01	0.54	0.01	0.03	1.8	15.79	8.05E+02
21/06/2018 22:16	0.52	0.01	0.01	1.79	15.7	8.07E+02
21/06/2018 22:31	0.49	0.01	0.01	1.77	15.73	8.03E+02
21/06/2018 22:46	0.45	0.01	0.01	1.75	15.8	8.07E+02
21/06/2018 23:01	0.42	0.01	0.01	1.73	15.88	8.06E+02
21/06/2018 23:16	0.41	0.01	0.01	1.71	15.95	8.02E+02
21/06/2018 23:31	0.38	0.01	0.01	1.7	16.02	8.01E+02
21/06/2018 23:46	0.37	0.01	0.01	1.69	16.08	8.01E+02
22/06/2018 00:01	0.34	0.01	0.01	1.69	16.14	7.96E+02
22/06/2018 00:16	0.33	0.01	0.01	1.67	16.2	7.98E+02
22/06/2018 00:31	0.29	0.01	0.01	1.66	16.44	8.03E+02
22/06/2018 00:46	0.31	0.01	0.01	1.66	16.02	8.03E+02
22/06/2018 01:01	0.38	0.01	0.01	1.7	15.57	8.07E+02
22/06/2018 01:16	0.39	0.01	0.01	1.69	15.32	7.99E+02
22/06/2018 01:31	0.37	0.01	0.01	1.69	15.2	7.95E+02
22/06/2018 01:46	0.37	0.01	0.01	1.69	15.12	7.90E+02
22/06/2018 02:01	0.37	0.01	0.01	1.69	15.06	7.95E+02
22/06/2018 02:16	0.36	0.01	0.01	1.69	15.01	7.93E+02
22/06/2018 02:31	0.37	0.01	0.01	1.69	14.96	7.92E+02

22/06/2018 02:46	0.35	0.01	0.01	1.68	14.93	7.95E+02
22/06/2018 03:01	0.35	0.01	0.01	1.69	14.92	7.98E+02
22/06/2018 03:16	0.34	0.01	0.01	1.68	14.95	8.01E+02
22/06/2018 03:31	0.33	0.01	0.01	1.67	14.99	7.93E+02
22/06/2018 03:46	0.33	0.01	0.01	1.67	15.02	7.98E+02
22/06/2018 04:01	0.32	0.01	0.01	1.66	15.05	7.86E+02
22/06/2018 04:16	0.32	0.01	0.01	1.66	15.07	7.88E+02
22/06/2018 04:31	0.32	0.01	0.01	1.66	15.08	7.89E+02
22/06/2018 04:46	0.32	0.01	0.01	1.65	15.09	7.93E+02
22/06/2018 05:01	0.27	0.01	0.01	1.63	15.07	7.91E+02
22/06/2018 05:16	0.29	0.01	0.01	1.64	15.06	7.90E+02
22/06/2018 05:31	0.3	0.01	0.01	1.64	15.03	7.98E+02
22/06/2018 05:46	0.29	0.01	0.01	1.64	15	7.88E+02
22/06/2018 06:01	0.29	0.01	0.01	1.64	14.98	7.87E+02
22/06/2018 06:16	0.31	0.01	0.01	1.64	14.95	7.93E+02
22/06/2018 06:31	0.3	0.01	0.01	1.65	14.91	7.97E+02
22/06/2018 06:46	0.29	0.01	0.01	1.63	14.9	7.96E+02
22/06/2018 07:01	0.26	0.01	0.01	1.63	15.14	7.91E+02
22/06/2018 07:16	0.29	0.01	0.01	1.65	14.95	7.89E+02
22/06/2018 07:31	0.33	0.01	0.01	1.66	14.73	7.94E+02
22/06/2018 07:46	0.33	0.01	0.01	1.67	14.62	8.00E+02
22/06/2018 08:01	0.34	0.01	0.01	1.67	14.57	7.97E+02
22/06/2018 08:16	0.34	0.01	0.01	1.68	14.56	7.93E+02
22/06/2018 08:31	0.4	0.01	0.01	1.7	14.59	8.01E+02
22/06/2018 08:46	0.5	0.01	0.01	1.77	14.7	7.97E+02
22/06/2018 09:01	0.63	0.01	0.21	1.84	14.93	8.04E+02
22/06/2018 09:16	0.69	0.25	0.56	1.91	15.3	8.06E+02
22/06/2018 09:31	0.73	0.57	0.9	1.99	15.81	8.16E+02
22/06/2018 09:46	0.75	0.57	1.01	2.01	16.37	8.14E+02
22/06/2018 10:01	0.74	0.56	1.03	2.02	16.94	8.35E+02
22/06/2018 10:16	0.76	0.57	1.03	2.05	17.49	8.08E+02
22/06/2018 10:31	0.76	0.61	1.04	2.06	17.18	8.07E+02
22/06/2018 10:46	0.75	0.62	1.07	2.07	16.73	8.07E+02
22/06/2018 11:01	0.73	0.68	1.07	2.09	16.49	8.14E+02
22/06/2018 11:35	0.75	0.76	1.19	2.14	16.44	7.97E+02
22/06/2018 11:50	0.78	0.71	1.15	2.12	16.48	8.06E+02
22/06/2018 12:05	0.76	0.72	1.16	2.13	16.41	8.01E+02
22/06/2018 12:20	0.76	0.73	1.15	2.12	16.46	8.00E+02
22/06/2018 12:35	0.77	0.73	1.16	2.12	16.4	8.02E+02
22/06/2018 12:50	0.79	0.72	1.16	2.11	16.38	8.02E+02
22/06/2018 13:05	0.77	0.75	1.17	2.12	16.46	8.01E+02
22/06/2018 13:20	0.78	0.73	1.15	2.12	16.4	8.05E+02
22/06/2018 13:35	0.76	0.73	1.16	2.12	16.47	8.04E+02
22/06/2018 13:50	0.78	0.74	1.15	2.13	16.44	8.05E+02
22/06/2018 14:05	0.77	0.76	1.16	2.13	16.62	8.02E+02
22/06/2018 14:20	0.77	0.73	1.16	2.13	17.04	8.11E+02
22/06/2018 14:35	0.76	0.72	1.16	2.12	17.5	8.26E+02
22/06/2018 14:50	0.76	0.68	1.09	2.12	17.84	8.22E+02
22/06/2018 15:05	0.75	0.62	1.08	2.1	18.24	8.41E+02
22/06/2018 15:20	0.73	0.6	1.03	2.09	18.56	8.43E+02

22/06/2018 15:35	0.73	0.54	1.03	2.07	18.99	8.49E+02
22/06/2018 15:50	0.73	0.55	0.99	2.06	19.35	8.58E+02
22/06/2018 16:05	0.72	0.52	0.98	2.05	19.85	8.68E+02
22/06/2018 16:20	0.69	0.49	0.93	2.05	20.32	8.64E+02
22/06/2018 16:35	0.69	0.52	0.95	2.08	19.98	8.28E+02
22/06/2018 16:50	0.72	0.57	1	2.09	18.81	8.28E+02
22/06/2018 17:05	0.74	0.64	1.07	2.12	17.54	8.19E+02
22/06/2018 17:20	0.74	0.69	1.14	2.14	16.85	7.99E+02
22/06/2018 17:35	0.75	0.72	1.14	2.13	16.48	7.98E+02
22/06/2018 17:50	0.77	0.75	1.15	2.13	16.28	8.01E+02
22/06/2018 18:05	0.76	0.76	1.15	2.11	16.15	7.85E+02
22/06/2018 18:20	0.79	0.7	1.12	2.09	16.1	8.01E+02
22/06/2018 18:35	0.76	0.69	1.09	2.08	16.23	8.03E+02
22/06/2018 18:50	0.77	0.66	1.09	2.07	16.38	8.08E+02
22/06/2018 19:05	0.76	0.63	1.07	2.05	16.51	8.04E+02
22/06/2018 19:20	0.76	0.62	1.02	2.03	16.61	8.06E+02
22/06/2018 19:35	0.77	0.58	1	2.01	16.68	8.13E+02
22/06/2018 19:50	0.79	0.55	0.96	1.99	16.74	8.11E+02
22/06/2018 20:05	0.76	0.55	0.91	1.98	16.78	8.12E+02
22/06/2018 20:20	0.73	0.35	0.66	1.93	16.79	8.12E+02
22/06/2018 20:35	0.67	0.11	0.37	1.88	17.03	8.04E+02
22/06/2018 20:50	0.66	0.02	0.26	1.86	16.48	8.07E+02
22/06/2018 21:05	0.68	0.15	0.4	1.89	15.79	8.08E+02
22/06/2018 21:20	0.69	0.24	0.52	1.91	15.43	7.90E+02
22/06/2018 21:35	0.69	0.09	0.37	1.88	15.23	7.86E+02
22/06/2018 21:50	0.68	0.01	0.29	1.86	15.1	7.93E+02
22/06/2018 22:05	0.66	0.01	0.2	1.84	15	7.95E+02
22/06/2018 22:20	0.61	0.01	0.04	1.81	14.9	7.91E+02
22/06/2018 22:35	0.57	0.01	0.01	1.8	14.82	7.88E+02
22/06/2018 22:50	0.55	0.01	0.01	1.77	14.73	7.91E+02
22/06/2018 23:05	0.47	0.01	0.01	1.74	14.61	7.98E+02
22/06/2018 23:20	0.49	0.01	0.01	1.75	14.54	7.99E+02
22/06/2018 23:35	0.49	0.01	0.01	1.75	14.46	7.96E+02
22/06/2018 23:50	0.48	0.01	0.01	1.75	14.38	7.93E+02
23/06/2018 00:05	0.48	0.01	0.01	1.73	14.27	7.87E+02
23/06/2018 00:20	0.48	0.01	0.01	1.73	14.17	7.92E+02
23/06/2018 00:35	0.48	0.01	0.01	1.72	14.06	7.90E+02
23/06/2018 00:50	0.53	0.01	0.01	1.73	13.94	7.83E+02
23/06/2018 01:05	0.43	0.01	0.01	1.7	13.81	7.94E+02
23/06/2018 01:20	0.46	0.01	0.01	1.72	13.71	7.95E+02
23/06/2018 01:35	0.47	0.01	0.01	1.71	13.61	7.95E+02
23/06/2018 01:50	0.48	0.01	0.01	1.72	13.54	7.96E+02
23/06/2018 02:05	0.46	0.01	0.01	1.72	13.44	7.94E+02
23/06/2018 02:20	0.45	0.01	0.01	1.71	13.35	7.93E+02
23/06/2018 02:35	0.48	0.01	0.01	1.72	13.26	7.95E+02
23/06/2018 02:50	0.49	0.01	0.01	1.73	13.18	7.96E+02
23/06/2018 03:05	0.48	0.01	0.01	1.72	13.11	7.99E+02
23/06/2018 03:20	0.43	0.01	0.01	1.7	13.24	7.99E+02
23/06/2018 03:35	0.42	0.01	0.01	1.7	13.59	7.99E+02
23/06/2018 03:50	0.42	0.01	0.01	1.7	13.64	7.92E+02

23/06/2018 04:05	0.41	0.01	0.01	1.69	13.63	7.98E+02
23/06/2018 04:20	0.44	0.01	0.01	1.71	13.64	7.93E+02
23/06/2018 04:35	0.44	0.01	0.01	1.72	13.64	7.94E+02
23/06/2018 04:50	0.47	0.01	0.01	1.73	13.63	7.97E+02
23/06/2018 05:05	0.47	0.01	0.01	1.73	13.62	7.98E+02
23/06/2018 05:20	0.48	0.01	0.01	1.74	13.63	7.98E+02
23/06/2018 05:35	0.47	0.01	0.01	1.74	13.62	8.02E+02
23/06/2018 05:50	0.46	0.01	0.01	1.74	13.59	7.96E+02
23/06/2018 06:05	0.51	0.01	0.01	1.76	13.55	7.98E+02
23/06/2018 06:20	0.52	0.01	0.01	1.77	13.45	7.95E+02
23/06/2018 06:35	0.52	0.01	0.01	1.77	13.35	7.98E+02
23/06/2018 06:50	0.53	0.01	0.01	1.78	13.26	8.02E+02
23/06/2018 07:05	0.54	0.01	0.01	1.79	13.16	7.95E+02
23/06/2018 07:20	0.52	0.01	0.01	1.77	13.06	7.97E+02
23/06/2018 07:35	0.49	0.01	0.01	1.76	12.97	7.94E+02
23/06/2018 07:50	0.51	0.01	0.01	1.76	12.93	8.00E+02
23/06/2018 08:05	0.54	0.01	0.01	1.78	12.9	8.01E+02
23/06/2018 08:20	0.56	0.01	0.01	1.79	12.89	7.94E+02
23/06/2018 08:35	0.59	0.01	0.01	1.8	12.91	7.97E+02
23/06/2018 08:50	0.63	0.01	0.08	1.83	13.54	8.00E+02
23/06/2018 09:05	0.65	0.19	0.47	2.3	14.01	7.97E+02
23/06/2018 09:20	0.67	0.26	0.74	1.94	14.36	7.91E+02
23/06/2018 09:35	0.66	0.27	0.79	1.97	14.67	7.96E+02
23/06/2018 09:50	0.65	0.31	0.79	2	14.94	8.04E+02
23/06/2018 10:05	0.66	0.35	0.83	2.03	15.17	7.98E+02
23/06/2018 10:20	0.65	0.33	0.87	2.04	15.35	7.95E+02
23/06/2018 10:35	0.66	0.31	0.86	2.05	15.52	7.99E+02
23/06/2018 10:50	0.67	0.36	0.88	2.08	15.65	7.91E+02
23/06/2018 11:05	0.65	0.4	0.91	2.08	15.77	7.94E+02
23/06/2018 11:20	0.65	0.4	0.93	2.09	15.91	8.04E+02
23/06/2018 11:35	0.66	0.4	0.9	2.11	16.4	8.16E+02
23/06/2018 11:50	0.65	0.36	0.92	2.1	16.99	8.22E+02
23/06/2018 12:05	0.63	0.32	0.83	2.09	17.53	8.27E+02
23/06/2018 12:20	0.65	0.23	0.81	2.07	18.05	8.43E+02
23/06/2018 12:35	0.62	0.16	0.73	2.05	18.56	8.45E+02
23/06/2018 12:50	0.6	0.11	0.7	2.04	19.12	8.53E+02
23/06/2018 13:05	0.58	0.15	0.71	2.06	18.84	8.28E+02
23/06/2018 13:20	0.63	0.22	0.77	2.1	18.01	8.24E+02
23/06/2018 13:35	0.65	0.29	0.87	2.12	17.16	8.08E+02
23/06/2018 13:50	0.66	0.37	0.89	2.15	16.75	8.11E+02
23/06/2018 14:05	0.66	0.4	0.95	2.16	16.6	7.90E+02
23/06/2018 14:20	0.66	0.45	0.98	2.16	16.53	7.95E+02
23/06/2018 14:35	0.68	0.46	1	2.17	16.56	8.03E+02
23/06/2018 14:50	0.67	0.49	0.99	2.18	16.58	7.99E+02
23/06/2018 15:05	0.66	0.5	1.01	2.18	16.61	7.98E+02
23/06/2018 15:20	0.67	0.48	1	2.17	16.64	8.06E+02
23/06/2018 15:35	0.68	0.48	1	2.17	16.66	7.99E+02
23/06/2018 15:50	0.67	0.46	1	2.19	16.68	7.99E+02
23/06/2018 16:05	0.68	0.49	1.02	2.19	16.71	7.96E+02
23/06/2018 16:20	0.66	0.48	1	2.19	16.74	7.95E+02

23/06/2018 16:35	0.66	0.46	0.98	2.19	16.75	8.00E+02
23/06/2018 16:50	0.69	0.46	1	2.18	16.77	7.96E+02
23/06/2018 17:05	0.67	0.45	0.99	2.18	17.08	8.11E+02
23/06/2018 17:20	0.66	0.44	0.99	2.16	17.29	8.18E+02
23/06/2018 17:35	0.66	0.39	0.96	2.14	17.46	8.22E+02
23/06/2018 17:50	0.65	0.39	0.93	2.13	17.63	8.20E+02
23/06/2018 18:05	0.66	0.38	0.91	2.12	17.78	8.26E+02
23/06/2018 18:20	0.66	0.37	0.9	2.12	17.95	8.22E+02
23/06/2018 18:35	0.65	0.39	0.91	2.11	18.09	8.25E+02
23/06/2018 18:50	0.65	0.39	0.89	2.1	18.2	8.22E+02
23/06/2018 19:05	0.67	0.36	0.87	2.08	18.43	8.16E+02
23/06/2018 19:20	0.63	0.36	0.82	2.08	18.1	8.17E+02
23/06/2018 19:35	0.64	0.37	0.86	2.09	16.99	8.15E+02
23/06/2018 19:50	0.66	0.4	0.92	2.1	16.28	8.02E+02
23/06/2018 20:05	0.67	0.41	0.92	2.11	15.96	7.99E+02
23/06/2018 20:20	0.66	0.41	0.9	2.1	15.77	7.98E+02
23/06/2018 20:35	0.66	0.4	0.87	2.08	15.63	8.00E+02
23/06/2018 20:50	0.63	0.34	0.83	2.06	15.5	7.96E+02
23/06/2018 21:05	0.64	0.35	0.82	2.05	15.4	7.97E+02
23/06/2018 21:20	0.66	0.3	0.77	2.04	15.31	7.91E+02
23/06/2018 21:35	0.66	0.29	0.78	2.03	15.23	7.88E+02
23/06/2018 21:50	0.65	0.26	0.77	2.01	15.17	7.90E+02
23/06/2018 22:05	0.65	0.23	0.74	2	15.12	7.92E+02
23/06/2018 22:20	0.66	0.22	0.71	1.99	15.08	7.95E+02
23/06/2018 22:35	0.64	0.21	0.69	1.98	15.04	7.91E+02
23/06/2018 22:50	0.66	0.19	0.7	1.98	15.02	7.94E+02
23/06/2018 23:05	0.66	0.16	0.67	1.97	15.02	7.90E+02
23/06/2018 23:20	0.65	0.14	0.61	1.96	15.02	7.93E+02
23/06/2018 23:35	0.63	0.15	0.58	1.97	15.01	7.93E+02
23/06/2018 23:50	0.64	0.12	0.57	1.96	15.01	7.91E+02
24/06/2018 00:05	0.64	0.1	0.46	1.95	14.99	7.88E+02
24/06/2018 00:20	0.6	0.12	0.48	1.95	14.99	7.88E+02
24/06/2018 00:35	0.62	0.12	0.45	1.95	14.98	7.84E+02
24/06/2018 00:50	0.63	0.02	0.31	1.93	15.06	7.94E+02
24/06/2018 01:05	0.64	0.02	0.28	1.93	15.26	7.97E+02
24/06/2018 01:20	0.62	0.09	0.37	1.94	15.06	7.94E+02
24/06/2018 01:35	0.61	0.1	0.43	1.95	14.86	7.90E+02
24/06/2018 01:50	0.6	0.08	0.41	1.95	14.73	7.95E+02
24/06/2018 02:05	0.63	0.08	0.37	1.94	14.67	7.83E+02
24/06/2018 02:20	0.62	0.01	0.24	1.93	14.59	7.91E+02
24/06/2018 02:35	0.62	0.01	0.29	1.93	14.53	7.92E+02
24/06/2018 02:50	0.62	0.01	0.3	1.93	14.47	7.94E+02
24/06/2018 03:05	0.62	0.04	0.31	1.94	14.4	7.92E+02
24/06/2018 03:20	0.63	0.04	0.33	1.94	14.33	7.98E+02
24/06/2018 03:35	0.64	0.01	0.28	1.92	14.24	7.93E+02
24/06/2018 03:50	0.62	0.01	0.25	1.92	14.16	7.96E+02
24/06/2018 04:05	0.64	0.01	0.28	1.92	14.1	7.98E+02
24/06/2018 04:20	0.62	0.02	0.29	1.93	14.03	7.98E+02
24/06/2018 04:35	0.63	0.01	0.24	1.91	13.95	7.93E+02
24/06/2018 04:50	0.62	0.01	0.27	1.92	13.87	7.96E+02

24/06/2018 05:05	0.61	0.01	0.31	1.92	13.78	7.95E+02
24/06/2018 05:20	0.61	0.01	0.29	1.92	13.68	7.97E+02
24/06/2018 05:35	0.61	0.01	0.29	1.92	13.59	7.97E+02
24/06/2018 05:50	0.59	0.01	0.09	1.89	13.72	7.94E+02
24/06/2018 06:05	0.6	0.01	0.14	1.9	13.9	7.99E+02
24/06/2018 06:20	0.61	0.01	0.2	1.91	13.9	7.92E+02
24/06/2018 06:35	0.61	0.01	0.23	1.92	13.86	7.96E+02
24/06/2018 06:50	0.61	0.01	0.26	1.92	13.82	7.96E+02
24/06/2018 07:05	0.61	0.01	0.29	1.93	13.79	7.98E+02
24/06/2018 07:20	0.6	0.01	0.3	1.93	13.78	8.04E+02
24/06/2018 07:35	0.57	0.04	0.32	1.94	13.79	8.02E+02
24/06/2018 07:50	0.58	0.03	0.39	1.94	13.82	7.98E+02
24/06/2018 08:05	0.59	0.02	0.44	1.94	13.86	8.01E+02
24/06/2018 08:20	0.56	0.04	0.47	1.95	13.92	8.00E+02
24/06/2018 08:35	0.58	0.04	0.42	1.95	14.04	7.97E+02
24/06/2018 08:50	0.58	0.04	0.48	1.95	14.15	8.05E+02
24/06/2018 09:05	0.57	0.04	0.58	1.97	14.28	8.05E+02
24/06/2018 09:20	0.56	0.04	0.66	1.98	14.45	7.99E+02
24/06/2018 09:35	0.57	0.06	0.64	1.99	14.7	8.03E+02
24/06/2018 09:50	0.58	0.07	0.67	2	14.97	8.12E+02
24/06/2018 10:05	0.63	0.1	0.69	2.02	15.41	8.02E+02
24/06/2018 10:20	0.6	0.09	0.72	2.03	15.49	8.05E+02
24/06/2018 10:35	0.58	0.14	0.73	2.07	15.43	8.02E+02
24/06/2018 10:50	0.54	0.17	0.77	2.09	15.45	8.01E+02
24/06/2018 11:05	0.61	0.2	0.78	2.11	15.52	8.00E+02
24/06/2018 11:20	0.57	0.21	0.8	2.13	15.63	7.90E+02
24/06/2018 11:35	0.57	0.25	0.81	2.14	15.75	7.93E+02
24/06/2018 11:50	0.57	0.22	0.82	2.14	15.81	7.87E+02
24/06/2018 12:05	0.55	0.25	0.84	2.15	15.94	8.01E+02
24/06/2018 12:20	0.6	0.23	0.83	2.17	16.05	7.97E+02
24/06/2018 12:35	0.61	0.22	0.87	2.16	16.13	7.96E+02
24/06/2018 12:50	0.61	0.23	0.83	2.16	16.2	7.96E+02
24/06/2018 13:05	0.59	0.26	0.86	2.18	16.25	7.96E+02
24/06/2018 13:20	0.57	0.27	0.89	2.18	16.3	7.98E+02
24/06/2018 13:35	0.62	0.29	0.91	2.2	16.36	8.02E+02
24/06/2018 13:50	0.57	0.27	0.9	2.19	16.39	7.98E+02
24/06/2018 14:05	0.57	0.29	0.88	2.2	16.33	8.00E+02
24/06/2018 14:20	0.58	0.26	0.9	2.2	16.32	7.97E+02
24/06/2018 14:35	0.57	0.3	0.9	2.21	16.39	7.97E+02
24/06/2018 14:50	0.58	0.23	0.89	2.2	16.76	8.07E+02
24/06/2018 15:05	0.57	0.22	0.86	2.2	17.18	8.12E+02
24/06/2018 15:20	0.56	0.16	0.82	2.18	17.54	8.20E+02
24/06/2018 15:35	0.53	0.14	0.76	2.16	17.92	8.32E+02
24/06/2018 15:50	0.53	0.08	0.73	2.13	18.34	8.44E+02
24/06/2018 16:05	0.52	0.02	0.67	2.1	18.72	8.41E+02
24/06/2018 16:20	0.51	0.01	0.6	2.09	19.17	8.53E+02
24/06/2018 16:35	0.46	0.01	0.58	2.08	19.66	8.60E+02
24/06/2018 16:50	0.46	0.01	0.58	2.1	19.51	8.35E+02
24/06/2018 17:05	0.49	0.01	0.62	2.13	18.53	8.21E+02
24/06/2018 17:20	0.51	0.08	0.72	2.15	17.25	8.02E+02

24/06/2018 17:35	0.53	0.16	0.79	2.18	16.6	8.01E+02
24/06/2018 17:50	0.56	0.24	0.85	2.2	16.32	7.99E+02
24/06/2018 18:05	0.56	0.28	0.89	2.2	16.15	7.96E+02
24/06/2018 18:20	0.56	0.3	0.9	2.2	16.06	7.97E+02
24/06/2018 18:35	0.57	0.28	0.87	2.19	16.16	7.84E+02
24/06/2018 18:50	0.57	0.29	0.84	2.17	16.32	7.94E+02
24/06/2018 19:05	0.56	0.27	0.86	2.16	16.47	8.02E+02
24/06/2018 19:20	0.57	0.26	0.84	2.16	16.59	8.05E+02
24/06/2018 19:35	0.56	0.2	0.79	2.14	16.68	8.10E+02
24/06/2018 19:50	0.57	0.21	0.8	2.13	16.77	8.01E+02
24/06/2018 20:05	0.57	0.2	0.79	2.12	17.09	8.05E+02
24/06/2018 20:20	0.55	0.16	0.75	2.1	16.96	8.09E+02
24/06/2018 20:35	0.54	0.16	0.75	2.11	16.28	8.11E+02
24/06/2018 20:50	0.55	0.18	0.76	2.11	15.85	7.96E+02
24/06/2018 21:05	0.55	0.18	0.77	2.11	15.62	7.97E+02
24/06/2018 21:20	0.56	0.16	0.78	2.1	15.49	7.99E+02
24/06/2018 21:35	0.54	0.14	0.74	2.1	15.38	7.95E+02
24/06/2018 21:50	0.56	0.17	0.73	2.08	15.29	7.90E+02
24/06/2018 22:05	0.54	0.15	0.74	2.08	15.23	7.95E+02
24/06/2018 22:20	0.56	0.1	0.7	2.06	15.18	7.93E+02
24/06/2018 22:35	0.54	0.09	0.7	2.06	15.14	7.97E+02
24/06/2018 22:50	0.54	0.05	0.67	2.04	15.08	7.96E+02
24/06/2018 23:05	0.54	0.06	0.64	2.04	15.05	7.90E+02
24/06/2018 23:20	0.54	0.03	0.64	2.03	15.01	7.92E+02
24/06/2018 23:35	0.54	0.03	0.65	2.03	14.98	7.93E+02
24/06/2018 23:50	0.54	0.01	0.62	2.02	14.94	7.94E+02
25/06/2018 00:05	0.53	0.01	0.61	2.02	14.91	7.95E+02
25/06/2018 00:20	0.53	0.01	0.59	2.01	14.88	7.94E+02
25/06/2018 00:35	0.52	0.01	0.61	2.02	14.83	7.93E+02
25/06/2018 00:50	0.53	0.01	0.62	2.01	14.8	7.90E+02
25/06/2018 01:05	0.5	0.01	0.6	2	14.76	7.89E+02
25/06/2018 01:20	0.52	0.01	0.59	2	14.73	7.90E+02
25/06/2018 01:35	0.53	0.01	0.58	2	14.7	7.95E+02
25/06/2018 01:50	0.51	0.01	0.56	1.98	14.65	7.92E+02
25/06/2018 02:05	0.52	0.01	0.55	1.99	14.61	7.88E+02
25/06/2018 02:20	0.51	0.01	0.56	1.98	14.55	7.89E+02
25/06/2018 02:35	0.51	0.01	0.53	1.99	14.48	7.92E+02
25/06/2018 02:50	0.5	0.01	0.56	1.98	14.4	7.98E+02
25/06/2018 03:05	0.49	0.01	0.57	1.99	14.34	7.93E+02
25/06/2018 03:20	0.49	0.01	0.54	1.98	14.25	7.99E+02
25/06/2018 03:35	0.5	0.01	0.54	1.98	14.17	7.90E+02
25/06/2018 03:50	0.49	0.01	0.53	1.98	14.09	7.91E+02
25/06/2018 04:05	0.48	0.01	0.53	1.97	13.99	7.93E+02
25/06/2018 04:20	0.48	0.01	0.54	1.97	13.92	7.90E+02
25/06/2018 04:35	0.49	0.01	0.53	1.97	13.84	7.93E+02
25/06/2018 04:50	0.48	0.01	0.53	1.96	13.76	7.93E+02
25/06/2018 05:05	0.47	0.01	0.49	1.95	14.1	7.96E+02
25/06/2018 05:20	0.49	0.01	0.47	1.96	14.15	7.97E+02
25/06/2018 05:35	0.47	0.01	0.47	1.96	14.12	7.97E+02
25/06/2018 05:50	0.48	0.01	0.53	1.97	14.05	7.99E+02

25/06/2018 06:05	0.47	0.01	0.49	2	13.98	7.95E+02
25/06/2018 06:20	0.45	0.01	0.5	1.96	13.93	7.94E+02
25/06/2018 06:35	0.46	0.01	0.49	1.95	13.86	7.96E+02
25/06/2018 06:50	0.44	0.01	0.48	1.95	13.77	7.93E+02
25/06/2018 07:05	0.47	0.01	0.51	1.96	13.69	7.93E+02
25/06/2018 07:20	0.43	0.01	0.49	1.96	13.62	7.99E+02
25/06/2018 07:35	0.45	0.01	0.51	1.97	13.56	7.97E+02
25/06/2018 07:50	0.46	0.01	0.5	1.97	13.5	7.99E+02
25/06/2018 08:05	0.45	0.01	0.5	1.97	13.47	7.91E+02
25/06/2018 08:20	0.45	0.01	0.51	1.97	13.45	7.93E+02
25/06/2018 08:35	0.45	0.01	0.54	1.97	13.46	7.92E+02
25/06/2018 08:50	0.46	0.01	0.52	1.97	14.01	8.03E+02
25/06/2018 09:05	0.47	0.01	0.52	2	14.44	7.99E+02
25/06/2018 09:20	0.48	0.01	0.61	2.03	14.71	7.89E+02
25/06/2018 09:35	0.46	0.01	0.61	2.06	14.96	8.00E+02
25/06/2018 09:50	0.47	0.01	0.65	2.08	15.2	7.96E+02
25/06/2018 10:05	0.49	0.01	0.69	2.1	15.4	7.97E+02
25/06/2018 10:20	0.47	0.01	0.68	2.1	15.58	7.96E+02
25/06/2018 10:35	0.45	0.01	0.67	2.11	16.01	8.06E+02
25/06/2018 10:50	0.47	0.01	0.68	2.13	16.56	7.93E+02
25/06/2018 11:05	0.44	0.01	0.68	2.14	16.4	7.99E+02
25/06/2018 11:20	0.46	0.01	0.7	2.14	16.25	8.04E+02
25/06/2018 11:35	0.47	0.02	0.7	2.15	16.17	8.08E+02
25/06/2018 11:50	0.44	0.01	0.73	2.16	16.14	8.00E+02
25/06/2018 12:05	0.47	0.02	0.73	2.17	16.17	8.00E+02
25/06/2018 12:20	0.47	0.02	0.74	2.17	16.21	7.96E+02
25/06/2018 12:35	0.47	0.02	0.74	2.18	16.25	8.00E+02
25/06/2018 12:50	0.47	0.05	0.75	2.18	16.29	7.94E+02
25/06/2018 13:05	0.49	0.03	0.8	2.18	16.32	7.98E+02
25/06/2018 13:20	0.46	0.08	0.79	2.19	16.34	7.97E+02
25/06/2018 13:35	0.47	0.07	0.74	2.19	16.39	7.94E+02
25/06/2018 13:50	0.48	0.05	0.76	2.19	16.42	7.96E+02
25/06/2018 14:05	0.48	0.05	0.77	2.19	16.52	8.04E+02
25/06/2018 14:20	0.47	0.04	0.76	2.19	16.98	8.04E+02
25/06/2018 14:35	0.46	0.02	0.75	2.18	17.48	8.12E+02
25/06/2018 14:50	0.44	0.01	0.67	2.16	17.97	8.34E+02
25/06/2018 15:05	0.39	0.01	0.6	2.12	18.45	8.52E+02
25/06/2018 15:20	0.37	0.01	0.51	2.09	18.97	8.45E+02
25/06/2018 15:35	0.34	0.01	0.46	2.06	19.49	8.60E+02
25/06/2018 15:50	0.32	0.01	0.4	2.05	20.03	8.61E+02
25/06/2018 16:05	0.28	0.01	0.32	2.03	20.54	8.76E+02
25/06/2018 16:20	0.24	0.01	0.29	2.01	21.05	8.82E+02
25/06/2018 16:35	0.24	0.01	0.3	2.06	20.51	8.29E+02
25/06/2018 16:50	0.33	0.01	0.46	2.1	18.58	8.16E+02
25/06/2018 17:05	0.4	0.01	0.62	2.15	17.07	8.02E+02
25/06/2018 17:20	0.45	0.02	0.73	2.2	16.41	7.84E+02
25/06/2018 17:35	0.46	0.08	0.78	2.2	16.1	7.96E+02
25/06/2018 17:50	0.47	0.14	0.83	2.2	15.94	7.87E+02
25/06/2018 18:05	0.49	0.15	0.86	2.2	15.82	7.92E+02
25/06/2018 18:20	0.49	0.18	0.86	2.2	15.76	7.92E+02

25/06/2018 18:35	0.49	0.2	0.86	2.19	15.73	7.83E+02
25/06/2018 18:50	0.48	0.18	0.88	2.18	15.88	7.98E+02
25/06/2018 19:05	0.49	0.16	0.81	2.18	16.07	8.06E+02
25/06/2018 19:20	0.46	0.16	0.82	2.16	16.24	8.09E+02
25/06/2018 19:35	0.47	0.12	0.82	2.15	16.4	8.01E+02
25/06/2018 19:50	0.48	0.1	0.77	2.14	16.54	8.13E+02
25/06/2018 20:05	0.46	0.08	0.75	2.13	16.66	8.09E+02
25/06/2018 20:20	0.47	0.05	0.71	2.11	17.07	8.10E+02
25/06/2018 20:35	0.46	0.05	0.7	2.1	16.35	8.03E+02
25/06/2018 20:50	0.48	0.04	0.73	2.12	15.74	7.97E+02
25/06/2018 21:05	0.49	0.04	0.73	2.11	15.45	7.97E+02
25/06/2018 21:20	0.48	0.04	0.71	2.1	15.29	7.87E+02
25/06/2018 21:35	0.48	0.04	0.71	2.09	15.19	7.89E+02
25/06/2018 21:50	0.48	0.02	0.67	2.08	15.13	7.91E+02
25/06/2018 22:05	0.47	0.01	0.68	2.06	15.07	7.96E+02
25/06/2018 22:20	0.47	0.01	0.68	2.06	15.03	7.95E+02
25/06/2018 22:35	0.47	0.01	0.61	2.04	14.98	7.96E+02
25/06/2018 22:50	0.46	0.01	0.66	2.04	14.94	7.96E+02
25/06/2018 23:05	0.46	0.01	0.62	2.03	14.91	7.95E+02
25/06/2018 23:20	0.45	0.01	0.61	2.03	14.87	7.89E+02
25/06/2018 23:35	0.43	0.01	0.58	2.02	14.85	7.91E+02
25/06/2018 23:50	0.44	0.01	0.57	2.02	14.83	7.85E+02
26/06/2018 00:05	0.44	0.01	0.59	2.02	14.81	7.87E+02
26/06/2018 00:20	0.43	0.01	0.55	2.01	14.8	7.91E+02
26/06/2018 00:35	0.42	0.01	0.56	2	14.81	7.92E+02
26/06/2018 00:50	0.41	0.01	0.55	2	14.83	7.91E+02
26/06/2018 01:05	0.4	0.01	0.56	1.99	14.83	7.88E+02
26/06/2018 01:20	0.4	0.01	0.52	2	14.83	7.90E+02
26/06/2018 01:35	0.41	0.01	0.53	1.98	14.83	7.85E+02
26/06/2018 01:50	0.4	0.01	0.51	1.98	14.83	7.90E+02
26/06/2018 02:05	0.41	0.01	0.53	1.99	14.82	7.97E+02
26/06/2018 02:20	0.39	0.01	0.48	1.97	15.17	8.03E+02
26/06/2018 02:35	0.39	0.01	0.5	1.98	14.95	7.87E+02
26/06/2018 02:50	0.39	0.01	0.5	1.98	14.72	7.84E+02
26/06/2018 03:05	0.38	0.01	0.48	1.98	14.61	7.96E+02
26/06/2018 03:20	0.38	0.01	0.51	1.98	14.54	7.94E+02
26/06/2018 03:35	0.39	0.01	0.5	1.97	14.49	7.95E+02
26/06/2018 03:50	0.38	0.01	0.5	1.97	14.43	7.93E+02
26/06/2018 04:05	0.39	0.01	0.53	1.97	14.39	7.93E+02
26/06/2018 04:20	0.37	0.01	0.51	1.98	14.35	7.87E+02
26/06/2018 04:35	0.38	0.01	0.47	1.96	14.31	7.93E+02
26/06/2018 04:50	0.38	0.01	0.47	1.97	14.28	7.85E+02
26/06/2018 05:05	0.38	0.01	0.47	1.97	14.23	7.96E+02
26/06/2018 05:20	0.38	0.01	0.49	1.97	14.19	7.92E+02
26/06/2018 05:35	0.39	0.01	0.48	1.96	14.15	7.97E+02
26/06/2018 05:50	0.35	0.01	0.45	1.95	14.48	7.94E+02
26/06/2018 06:05	0.34	0.01	0.46	1.96	14.45	7.93E+02
26/06/2018 06:20	0.35	0.01	0.46	1.96	14.36	7.97E+02
26/06/2018 06:35	0.34	0.01	0.49	1.96	14.3	7.97E+02
26/06/2018 06:50	0.36	0.01	0.46	1.96	14.26	7.90E+02

26/06/2018 07:05	0.35	0.01	0.48	1.96	14.23	7.97E+02
26/06/2018 07:20	0.35	0.01	0.51	1.96	14.21	8.04E+02
26/06/2018 07:35	0.36	0.01	0.49	1.96	14.2	8.01E+02
26/06/2018 07:50	0.35	0.01	0.5	1.96	14.19	7.99E+02
26/06/2018 08:05	0.35	0.01	0.46	1.96	14.19	7.94E+02
26/06/2018 08:20	0.35	0.01	0.49	1.96	14.21	7.99E+02
26/06/2018 08:35	0.35	0.01	0.51	1.97	14.27	7.94E+02
26/06/2018 08:50	0.35	0.01	0.48	1.98	14.87	8.02E+02
26/06/2018 09:05	0.34	0.01	0.53	2	14.98	7.93E+02
26/06/2018 09:20	0.35	0.01	0.57	2.03	14.99	7.98E+02
26/06/2018 09:35	0.38	0.01	0.61	2.06	15.08	7.91E+02
26/06/2018 09:50	0.4	0.01	0.67	2.08	15.19	7.93E+02
26/06/2018 10:05	0.41	0.01	0.69	2.1	15.31	7.94E+02
26/06/2018 10:20	0.41	0.01	0.7	2.11	15.42	7.96E+02
26/06/2018 10:35	0.42	0.01	0.72	2.12	15.53	7.96E+02
26/06/2018 10:50	0.41	0.01	0.73	2.13	15.62	7.90E+02

Uranine
RhodaminWT
TinopalCL
Turbidity
GGUN-FL30
#178
total_26.06.mv
Turb. sensitivity
1.00
10000.00
1000.00
100.00
10.00
1.00
0.10
0.01
ppb, ntu, °C, uS/cm
0
100
200
300
400
500
600
700
800
900
1000
1122
Hours
Setup
New acquisition
Process mV
Read FlashCard
Calibration
Exit
Print
Lin
Log

ANNEXE 4

Données de précipitations

Annexe : précipitations (mm) en avril, mai et juin.

	Cahors	Figeac	Cajarc	Gourdon
01-avr	0	0	0	0
02-avr	0	0	0	0
03-avr	0	0	0	7.4
04-avr	1	16	5	2
05-avr	0	2	1	0
06-avr	0	0	0	0
07-avr	0	0	0	0
08-avr	24	7	5	1.6
09-avr	29	11	16	34.8
10-avr	0	7	2	2.4
11-avr	8	2	1	1.8
12-avr	0	0	0	0
13-avr	0	2	0	0
14-avr	0	3	2	1
15-avr	0	0	0	0
16-avr	0	0	0	0
17-avr	0	0	0	0
18-avr	0	0	0	0
19-avr	0	0	0	0
20-avr	0	0	0	0
21-avr	0	0	0	0
22-avr	0	0	0	0
23-avr	0	1	4	0
24-avr	0	1	0	0
25-avr	0	1	0	0
26-avr	0	0	0	0
27-avr	0	0	0	0
28-avr	4	0	0	31.8
29-avr	10	33	36	17
30-avr	8	5	5	4.6

	Cahors	Figeac	Cajarc	Gourdon
01-mai	0	0	6	1.4
02-mai	2	0	0	0
03-mai	1	0	0	0
04-mai	0	0	0	0
05-mai	0	0	0	0
06-mai	0	1	14	0.4
07-mai	42	13	40	0
08-mai	2	8	19	0.2
09-mai	0	1	5	8.1
10-mai	0	0	0	3.2
11-mai	0	0	0	9.2
12-mai	10	17	22	0.2
13-mai	17	15	22	0.2
14-mai	9	15	19	0
15-mai	3	3	8	0
16-mai	1	5	6	0
17-mai	0	0	0	0
18-mai	0	0	0	0
19-mai	0	0	0	0
20-mai	1	2	2	0.6
21-mai	1	14	0	3
22-mai	1	1	0	0
23-mai	0	2	0	0
24-mai	0	0	0	0
25-mai	0	1	0	0
26-mai	0	0	1	0
27-mai	10	3	0	2
28-mai	6	36	31	3.4
29-mai	0	11	2	1.2
30-mai	9	5	10	17.5
31-mai	0	3	7	5.7

	Cahors	Figeac	Cajarc	Gourdon
01-juin	0	1	0	0
02-juin	3	0	1	5.9
03-juin	6	0	0	0.4
04-juin	1	0	3	0.6
05-juin	13	19	26	29.8
06-juin	1	11	17	0.2
07-juin	0	0	2	0.4
08-juin	0	0	1	0
09-juin	0	0	0	14
10-juin	26	8	30	34.7
11-juin	2	24	31	2.6
12-juin	4	13	23	3
13-juin	1	1	0	0
14-juin	0	0	0	0
15-juin	0	4	0	2.8
16-juin	7	0	0	0
17-juin	0	0	0	0
18-juin	0	0	0	0
19-juin	0	0	0	0
20-juin	0	0	0	0
21-juin	0	0	0	0.6
22-juin	0	0	0	0
23-juin	0	0	0	0
24-juin	0	0	0	0
25-juin	0	0	0	0
26-juin	0	0	0	0
27-juin	0	0	0	0
28-juin	0	0	0	0
29-juin	0	0	0	0
30-juin	0	0	0	0

Précipitations (mm)
45
40
35
30
25
20
15
10
5
0
1-avr. 6-avr. 11-avr. 16-avr. 21-avr. 26-avr. 1-mai 6-mai 11-mai 16-mai 21-mai 26-mai 31-mai 5-juin 10-juin 15-juin 20-juin 25-juin 30-juin

ANNEXE 5

Paramètres de Restitution

Annexe : Paramètres de transit pour les 4 restitutions

Perte de Font d'Alan – Aval confluence Bons				
Sulforhodamine B				
Masse restituée (g)	% de restitution		tps moyen de transit	
1884	47		169500	secondes
			47	heures
temps de 1e apparition			2	jours
120900	secondes			
33.5	heures		Vitesse apparente	
1.4	jours		0.03	m/s
			106	m/h
vitesse max.			2549	m/j
0.04	m/s			
150	m/h		vitesse moyenne	
3600	m/j		0.03	m/s
			114	m/h
temps modal			2739	m/j
135468	secondes			
37.63	heures		Concentration max.	
1.6	jours		769.4	µg/L
vitesse modale			Dilution minimale	
0.04	m/s		1.7 E-05	
133	m/h		Dilution unitaire	
3190	m/j		2 E-7	L^{-1}

Doline de Carayac - Captage de Bons				
Uranine				
Masse restituée (g)	% de restitution		tps moyen de transit	
3790	47		1604223	secondes
			446	heures
temps de 1e apparition			18.5	jours
921600	secondes			
256	heures		Vitesse apparente	
10.5	jours		0.002	m/s
			7	m/h
vitesse max.			172	m/j
0.004	m/s			
13.5	m/h		vitesse moyenne	
324	m/j		0.003	m/s
			9.5	m/h
temps modal			229	m/j
1143000	secondes			
317.5	heures		Concentration max.	
13	jours		176.8	µg/L
vitesse modale			Dilution minimale	
0.003	m/s		3 E-07	
10	m/h		Dilution unitaire	
240	m/j		1 E-08	L^{-1}

Igue du Mas de Pégourié - source d'Ayrissac				
Uranine				
Masse restituée	% de restitution		tps moyen de transit	
5288.	66		2033626	secondes
			565	heures
temps de 1e apparition			23.5	jours
1461000	secondes			
406	heures		Vitesse apparente	
17	jours		0.002	m/s
			5.6	m/h
vitesse max.			136	m/j
0.003	m/s			
10	m/h		vitesse moyenne	
236.5	m/j		0.003	m/s
			9	m/h
temps modal			218	m/j
1719000	secondes			
477.5	heures		Concentration max.	
20	jours		116.155	µg/L
vitesse modale			Dilution minimale	
0.002	m/s		4E-07	
8	m/h		Dilution unitaire	
201	m/j		1E-08	L^{-1}

Igue de Toulze - Landenouze			
Eosine			
Résurgence		Captage	
temps de 1e apparition		temps de 1e apparition	
2459400	secondes	2548800	secondes
683	heures	708	heures
28.5	jours	29.5	jours
vitesse max.		vitesse max.	
0.001	m/s	0.001	m/s
4	m/h	4	m/h
105	m/j	91.5	m/j

ANNEXE 6a (tableur Excel)

Calculs des paramètres des transit pour les deux restitutions à Bons

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ANNEXE 6b

Calcul des paramètres de transit Pégourié-Ayrissac

Traçage Igue du Mas de Pégourié – source d'Ayrissac - Uranine					
date	t (min)	t(s)	C° Uranine (µg/L)	restitution unitaire	Méthode des rectangles
				(C/Mi) (L-1)	((Ct+Ct+dt)/2)*dt
02/05/2018 14:00	0	0	0.000	0	0
03/05/2018 08:00	1080	64800	0.000	0	0
03/05/2018 11:50	1310	78600	0.000	0	0
03/05/2018 23:50	2030	121800	0.000	0	0
04/05/2018 11:50	2750	165000	0.000	0	0
04/05/2018 23:50	3470	208200	0.000	0	0
05/05/2018 11:50	4190	251400	0.000	0	0
05/05/2018 23:50	4910	294600	0.000	0	0
06/05/2018 11:50	5630	337800	0.000	0	0
06/05/2018 23:50	6350	381000	0.000	0	0
07/05/2018 11:50	7070	424200	0.000	0	0
07/05/2018 23:50	7790	467400	0.000	0	0
08/05/2018 11:50	8510	510600	0.000	0	0
08/05/2018 23:50	9230	553800	0.000	0	0
09/05/2018 11:50	9950	597000	0.000	0	0
09/05/2018 23:50	10670	640200	0.000	0	0
10/05/2018 11:50	11390	683400	0.000	0	0
10/05/2018 23:50	12110	726600	0.000	0	0
11/05/2018 11:50	12830	769800	0.000	0	0
11/05/2018 23:50	13550	813000	0.000	0	0
12/05/2018 11:50	14270	856200	0.000	0	0
12/05/2018 23:50	14990	899400	0.000	0	0
13/05/2018 11:50	15710	942600	0.000	0	0
13/05/2018 23:50	16430	985800	0.000	0	0
14/05/2018 11:50	17150	1029000	0.000	0	0
14/05/2018 23:50	17870	1072200	0.000	0	0
15/05/2018 11:50	18590	1115400	0.000	0	0
15/05/2018 23:50	19310	1158600	0.000	0	0
16/05/2018 11:50	20030	1201800	0.000	0	0
16/05/2018 23:50	20750	1245000	0.000	0	0
17/05/2018 11:50	21470	1288200	0.000	0	0
17/05/2018 23:50	22190	1331400	0.000	0	0

Traçage Igue du Mas de Pégourié – source d'Ayrissac - Uranine					
date	t (min)	t(s)	C° Uranine (µg/L)	restitution unitaire	Méthode des rectangles
				(C/Mi) (L-1)	((Ct+Ct+dt)/2)*dt
18/05/2018 11:50	22910	1374600	0.000	0	0
18/05/2018 23:50	23630	1417800	0.000	0	3002.4
19/05/2018 11:50	24350	1461000	0.139	1.7375E-11	425217.6
19/05/2018 23:50	25070	1504200	19.547	2.44338E-09	879465.6
20/05/2018 11:50	25790	1547400	21.169	2.64613E-09	1181649.6
20/05/2018 23:50	26510	1590600	33.537	4.19213E-09	1917928.8
21/05/2018 11:50	27230	1633800	55.256	6.907E-09	3232720.8
21/05/2018 23:50	27950	1677000	94.407	1.18009E-08	4421802
22/05/2018 11:30	28650	1719000	116.155	1.45194E-08	2453652
22/05/2018 17:30	29010	1740600	111.035	1.38794E-08	2360124
22/05/2018 23:30	29370	1762200	107.495	1.34369E-08	2253960
23/05/2018 05:30	29730	1783800	101.205	1.26506E-08	2129068.8
23/05/2018 11:30	30090	1805400	95.931	1.19914E-08	2039666.4
23/05/2018 17:30	30450	1827000	92.927	1.16159E-08	1900746
23/05/2018 23:30	30810	1848600	83.068	1.03835E-08	1643479.2
24/05/2018 05:30	31170	1870200	69.106	8.63825E-09	1432371.6
24/05/2018 11:30	31530	1891800	63.521	7.94013E-09	1266807.6
24/05/2018 17:30	31890	1913400	53.776	6.722E-09	1100174.4
24/05/2018 23:30	32250	1935000	48.092	6.0115E-09	984106.8
25/05/2018 05:30	32610	1956600	43.029	5.37863E-09	983587.5
25/05/2018 11:45	32985	1979100	44.401	5.55013E-09	1198540.8
25/05/2018 19:45	33465	2007900	38.831	4.85388E-09	1050696
26/05/2018 03:45	33945	2036700	34.134	4.26675E-09	950371.2
26/05/2018 11:45	34425	2065500	31.864	3.983E-09	897163.2
26/05/2018 19:45	34905	2094300	30.439	3.80488E-09	836020.8
27/05/2018 03:45	35385	2123100	27.618	3.45225E-09	774892.8
27/05/2018 11:45	35865	2151900	26.194	3.27425E-09	721483.2
27/05/2018 19:45	36345	2180700	23.909	2.98863E-09	678225.6
28/05/2018 03:45	36825	2209500	23.19	2.89875E-09	640656
28/05/2018 11:45	37305	2238300	21.3	2.6625E-09	601660.8
28/05/2018 19:45	37785	2267100	20.482	2.56025E-09	571608
29/05/2018 03:45	38265	2295900	19.213	2.40163E-09	524289.6
29/05/2018 11:45	38745	2324700	17.196	2.1495E-09	418521.6
29/05/2018 19:45	39225	2353500	11.868	1.4835E-09	368078.4
30/05/2018 03:45	39705	2382300	13.693	1.71163E-09	397339.2

Traçage Igue du Mas de Pégourié – source d'Ayrissac - Uranine					
date	t (min)	t(s)	C° Uranine (.tg/L)	restitution unitaire	Méthode des rectangles
				(C/Mi) (L-1)	((Ct+Ct+dt)/2)*dt
30/05/2018 11:45	40185	2411100	13.9	1.7375E-09	373348.8
30/05/2018 19:45	40665	2439900	12.027	1.50338E-09	315691.2
31/05/2018 03:45	41145	2468700	9.896	1.237E-09	276595.2
31/05/2018 11:45	41625	2497500	9.312	1.164E-09	317620.8
31/05/2018 19:45	42105	2526300	12.745	1.59313E-09	356976
01/06/2018 03:45	42585	2555100	12.045	1.50563E-09	344563.2
01/06/2018 11:45	43065	2583900	11.883	1.48538E-09	163971
01/06/2018 15:30	43290	2597400	12.409	1.55113E-09	494100
02/06/2018 03:30	44010	2640600	10.466	1.30825E-09	425498.4
02/06/2018 15:30	44730	2683800	9.233	1.15413E-09	369748.8
03/06/2018 03:30	45450	2727000	7.885	9.85625E-10	324432
03/06/2018 15:30	46170	2770200	7.135	8.91875E-10	299332.8
04/06/2018 03:30	46890	2813400	6.723	8.40375E-10	305964
04/06/2018 15:30	47610	2856600	7.442	9.3025E-10	334238.4
05/06/2018 03:30	48330	2899800	8.032	1.004E-09	340718.4
05/06/2018 15:30	49050	2943000	7.742	9.6775E-10	312962.4
06/06/2018 03:30	49770	2986200	6.747	8.43375E-10	275767.2
06/06/2018 15:30	50490	3029400	6.02	7.525E-10	246952.8
07/06/2018 03:30	51210	3072600	5.413	6.76625E-10	220622.4
07/06/2018 15:30	51930	3115800	4.801	6.00125E-10	200016
08/06/2018 03:30	52650	3159000	4.459	5.57375E-10	190555.2
08/06/2018 15:30	53370	3202200	4.363	5.45375E-10	185176.8
09/06/2018 03:30	54090	3245400	4.21	5.2625E-10	182995.2
09/06/2018 15:30	54810	3288600	4.262	5.3275E-10	180576
10/06/2018 03:30	55530	3331800	4.098	5.1225E-10	144352.8
10/06/2018 15:30	56250	3375000	2.585	3.23125E-10	117698.4
11/06/2018 03:30	56970	3418200	2.864	3.58E-10	705931.2
14/06/2018 03:30	61290	3677400	2.583	3.22875E-10	532332
16/06/2018 15:30	64890	3893400	2.346	2.9325E-10	1109995.5
22/06/2018 13:55	73435	4406100	1.984	2.48E-10	

Σ(((Ct+Ct+dt)/2)*dt)	masse restituée	% restitution	Dilution unitaire Cmax/Mi	Dilution min. Cmax/Ci
52887811.2 .tg.s/L	5288.78112 g	66.11%	1.45194E-08	3.87183E-07

Traçage Igue du Mas de Pégourié – source d'Ayrissac - Uranine					
date	t (min)	t(s)	h(t) (=DTS) (s-1)	t*h(t)	Méthode des rectangles
			C/Σ(((Ct+Ct+dt)/2)*dt)		(th(t)+(t+dt)h(t+dt))/2*dt
02/05/2018 14:00	0	0	0	0	0
03/05/2018 08:00	1080	64800	0	0	0
03/05/2018 11:50	1310	78600	0	0	0
03/05/2018 23:50	2030	121800	0	0	0
04/05/2018 11:50	2750	165000	0	0	0
04/05/2018 23:50	3470	208200	0	0	0
05/05/2018 11:50	4190	251400	0	0	0
05/05/2018 23:50	4910	294600	0	0	0
06/05/2018 11:50	5630	337800	0	0	0
06/05/2018 23:50	6350	381000	0	0	0
07/05/2018 11:50	7070	424200	0	0	0
07/05/2018 23:50	7790	467400	0	0	0
08/05/2018 11:50	8510	510600	0	0	0
08/05/2018 23:50	9230	553800	0	0	0
09/05/2018 11:50	9950	597000	0	0	0
09/05/2018 23:50	10670	640200	0	0	0
10/05/2018 11:50	11390	683400	0	0	0
10/05/2018 23:50	12110	726600	0	0	0
11/05/2018 11:50	12830	769800	0	0	0
11/05/2018 23:50	13550	813000	0	0	0
12/05/2018 11:50	14270	856200	0	0	0
12/05/2018 23:50	14990	899400	0	0	0
13/05/2018 11:50	15710	942600	0	0	0
13/05/2018 23:50	16430	985800	0	0	0
14/05/2018 11:50	17150	1029000	0	0	0
14/05/2018 23:50	17870	1072200	0	0	0
15/05/2018 11:50	18590	1115400	0	0	0
15/05/2018 23:50	19310	1158600	0	0	0
16/05/2018 11:50	20030	1201800	0	0	0
16/05/2018 23:50	20750	1245000	0	0	0
17/05/2018 11:50	21470	1288200	0	0	0
17/05/2018 23:50	22190	1331400	0	0	0

Traçage Igue du Mas de Pégourié – source d'Ayrissac - Uranine					
date	t (min)	t(s)	h(t) (=DTS) (s-1)	t*h(t)	Méthode des rectangles
			C/Σ(((Ct+Ct+dt)/2)*dt)		(th(t)+(t+dt)h(t+dt))/2*dt
18/05/2018 11:50	22910	1374600	0	0	0
18/05/2018 23:50	23630	1417800	0	0	82.93983624
19/05/2018 11:50	24350	1461000	2.6282E-09	0.00383981	12091.30413
19/05/2018 23:50	25070	1504200	3.69594E-07	0.55594279	25386.6693
20/05/2018 11:50	25790	1547400	4.00262E-07	0.61936597	35164.59831
20/05/2018 23:50	26510	1590600	6.34116E-07	1.00862469	58656.5781
21/05/2018 11:50	27230	1633800	1.04478E-06	1.70695763	101530.2426
21/05/2018 23:50	27950	1677000	1.78504E-06	2.99351657	142146.3754
22/05/2018 11:30	28650	1719000	2.19625E-06	3.77535845	80240.22807
22/05/2018 17:30	29010	1740600	2.09944E-06	3.6542923	78148.59746
22/05/2018 23:30	29370	1762200	2.03251E-06	3.58168895	75547.41487
23/05/2018 05:30	29730	1783800	1.91358E-06	3.41344206	72232.3655
23/05/2018 11:30	30090	1805400	1.81386E-06	3.27473993	70036.77492
23/05/2018 17:30	30450	1827000	1.75706E-06	3.21014663	66027.33155
23/05/2018 23:30	30810	1848600	1.57065E-06	2.90349518	57749.72773
24/05/2018 05:30	31170	1870200	1.30665E-06	2.44370183	50931.19727
24/05/2018 11:30	31530	1891800	1.20105E-06	2.27214977	45550.97722
24/05/2018 17:30	31890	1913400	1.01679E-06	1.94553331	40014.75105
24/05/2018 23:30	32250	1935000	9.09321E-07	1.75953623	36195.19166
25/05/2018 05:30	32610	1956600	8.1359E-07	1.5918704	36600.61291
25/05/2018 11:45	32985	1979100	8.39532E-07	1.66151741	45154.75372
25/05/2018 19:45	33465	2007900	7.34215E-07	1.47422938	40157.6186
26/05/2018 03:45	33945	2036700	6.45404E-07	1.31449414	36848.48393
26/05/2018 11:45	34425	2065500	6.02483E-07	1.24442836	35276.82862
26/05/2018 19:45	34905	2094300	5.75539E-07	1.20535141	33322.08421
27/05/2018 03:45	35385	2123100	5.222E-07	1.10868222	31312.28239
27/05/2018 11:45	35865	2151900	4.95275E-07	1.06578184	29543.20103
27/05/2018 19:45	36345	2180700	4.5207E-07	0.98582935	28146.82417
28/05/2018 03:45	36825	2209500	4.38475E-07	0.96881122	26931.78136
28/05/2018 11:45	37305	2238300	4.02739E-07	0.90145137	25623.89392
28/05/2018 19:45	37785	2267100	3.87273E-07	0.8779857	24653.32716
29/05/2018 03:45	38265	2295900	3.63278E-07	0.8340509	22894.65172
29/05/2018 11:45	38745	2324700	3.25141E-07	0.75585547	18489.30856
29/05/2018 19:45	39225	2353500	2.244E-07	0.52812429	16486.80964
30/05/2018 03:45	39705	2382300	2.58907E-07	0.61679304	18006.90485

Traçage Igue du Mas de Pégourié – source d'Ayrissac - Uranine					
date	t (min)	t(s)	h(t) (=DTS) (s-1)	t*h(t)	Méthode des rectangles
			C/Σ(((Ct+Ct+dt)/2)*dt)		(th(t)+(t+dt)h(t+dt))/2*dt
30/05/2018 11:45	40185	2411100	2.6282E-07	0.63368646	17114.8911
30/05/2018 19:45	40665	2439900	2.27406E-07	0.55484764	14641.54047
31/05/2018 03:45	41145	2468700	1.87113E-07	0.461926	12983.94521
31/05/2018 11:45	41625	2497500	1.76071E-07	0.43973686	15098.82024
31/05/2018 19:45	42105	2526300	2.40982E-07	0.60879232	17146.17699
01/06/2018 03:45	42585	2555100	2.27746E-07	0.58191441	16739.6141
01/06/2018 11:45	43065	2583900	2.24683E-07	0.58055879	8032.388321
01/06/2018 15:30	43290	2597400	2.34629E-07	0.60942466	24450.65025
02/06/2018 03:30	44010	2640600	1.97891E-07	0.52254988	21407.32517
02/06/2018 15:30	44730	2683800	1.74577E-07	0.46852999	18902.07702
03/06/2018 03:30	45450	2727000	1.49089E-07	0.40656617	16854.24023
03/06/2018 15:30	46170	2770200	1.34908E-07	0.37372273	15797.30886
04/06/2018 03:30	46890	2813400	1.27118E-07	0.35763417	16407.24728
04/06/2018 15:30	47610	2856600	1.40713E-07	0.40196062	18194.7449
05/06/2018 03:30	48330	2899800	1.51869E-07	0.44038868	18817.93572
05/06/2018 15:30	49050	2943000	1.46385E-07	0.43081204	17534.17437
06/06/2018 03:30	49770	2986200	1.27572E-07	0.38095529	15676.83321
06/06/2018 15:30	50490	3029400	1.13826E-07	0.34482403	14240.89547
07/06/2018 03:30	51210	3072600	1.02349E-07	0.31447669	12902.10882
07/06/2018 15:30	51930	3115800	9.07771E-08	0.28284316	11862.29153
08/06/2018 03:30	52650	3159000	8.43105E-08	0.266337	11458.87995
08/06/2018 15:30	53370	3202200	8.24954E-08	0.2641667	11286.18429
09/06/2018 03:30	54090	3245400	7.96025E-08	0.25834183	11304.4871
09/06/2018 15:30	54810	3288600	8.05857E-08	0.26501405	11300.64084
10/06/2018 03:30	55530	3331800	7.74848E-08	0.25816376	9139.473978
10/06/2018 15:30	56250	3375000	4.8877E-08	0.16496003	7561.374665
11/06/2018 03:30	56970	3418200	5.41524E-08	0.18510361	47265.76755
14/06/2018 03:30	61290	3677400	4.88392E-08	0.17960139	38048.94056
16/06/2018 15:30	64890	3893400	4.4358E-08	0.17270362	44272.57275

tps moyen de transit	Vitesse apparente
Σ((th(t)+(t+dt)h(t+dt))/2*dt)	
2033626.16 s	0.00197 m/s
564.90 h	7.08 m/h
23.54 j	169.94 m/j

Traçage Igue du Mas de Pégourié – source d'Ayrissac - Uranine					
date	t (min)	t(s)	1/t	h(t)*1/t	méthode des rectangles ((h(t)*1/t)+(h(t+dt)*1/(t+dt))*dt
02/05/2018 14:00	0	0			
03/05/2018 08:00	1080	64800	1.54321E-05	0	0
03/05/2018 11:50	1310	78600	1.27226E-05	0	0
03/05/2018 23:50	2030	121800	8.21018E-06	0	0
04/05/2018 11:50	2750	165000	6.06061E-06	0	0
04/05/2018 23:50	3470	208200	4.80307E-06	0	0
05/05/2018 11:50	4190	251400	3.97772E-06	0	0
05/05/2018 23:50	4910	294600	3.39443E-06	0	0
06/05/2018 11:50	5630	337800	2.96033E-06	0	0
06/05/2018 23:50	6350	381000	2.62467E-06	0	0
07/05/2018 11:50	7070	424200	2.35738E-06	0	0
07/05/2018 23:50	7790	467400	2.1395E-06	0	0
08/05/2018 11:50	8510	510600	1.95848E-06	0	0
08/05/2018 23:50	9230	553800	1.80571E-06	0	0
09/05/2018 11:50	9950	597000	1.67504E-06	0	0
09/05/2018 23:50	10670	640200	1.56201E-06	0	0
10/05/2018 11:50	11390	683400	1.46327E-06	0	0
10/05/2018 23:50	12110	726600	1.37627E-06	0	0
11/05/2018 11:50	12830	769800	1.29904E-06	0	0
11/05/2018 23:50	13550	813000	1.23001E-06	0	0
12/05/2018 11:50	14270	856200	1.16795E-06	0	0
12/05/2018 23:50	14990	899400	1.11185E-06	0	0
13/05/2018 11:50	15710	942600	1.0609E-06	0	0
13/05/2018 23:50	16430	985800	1.0144E-06	0	0
14/05/2018 11:50	17150	1029000	9.71817E-07	0	0
14/05/2018 23:50	17870	1072200	9.32662E-07	0	0
15/05/2018 11:50	18590	1115400	8.96539E-07	0	0
15/05/2018 23:50	19310	1158600	8.63111E-07	0	0
16/05/2018 11:50	20030	1201800	8.32085E-07	0	0
16/05/2018 23:50	20750	1245000	8.03213E-07	0	0
17/05/2018 11:50	21470	1288200	7.76277E-07	0	0
17/05/2018 23:50	22190	1331400	7.51089E-07	0	0

Traçage Igue du Mas de Pégourié – source d'Ayrissac - Uranine					
date	t (min)	t(s)	1/t	h(t)*1/t	méthode des rectangles
					((h(t)*1/t)+(h(t+dt)*1/(t+dt))*dt
18/05/2018 11:50	22910	1374600	7.27484E-07	0	0
18/05/2018 23:50	23630	1417800	7.05318E-07	0	3.88564E-11
19/05/2018 11:50	24350	1461000	6.84463E-07	1.79891E-15	5.34614E-09
19/05/2018 23:50	25070	1504200	6.64805E-07	2.45708E-13	1.08945E-08
20/05/2018 11:50	25790	1547400	6.46245E-07	2.58668E-13	1.41984E-08
20/05/2018 23:50	26510	1590600	6.28694E-07	3.98665E-13	2.24239E-08
21/05/2018 11:50	27230	1633800	6.1207E-07	6.39477E-13	3.68043E-08
21/05/2018 23:50	27950	1677000	5.96303E-07	1.06443E-12	4.91833E-08
22/05/2018 11:30	28650	1719000	5.81734E-07	1.27763E-12	2.6825E-08
22/05/2018 17:30	29010	1740600	5.74515E-07	1.20616E-12	2.54832E-08
22/05/2018 23:30	29370	1762200	5.67472E-07	1.15339E-12	2.40424E-08
23/05/2018 05:30	29730	1783800	5.60601E-07	1.07275E-12	2.24363E-08
23/05/2018 11:30	30090	1805400	5.53894E-07	1.00469E-12	2.12372E-08
23/05/2018 17:30	30450	1827000	5.47345E-07	9.61718E-13	1.95627E-08
23/05/2018 23:30	30810	1848600	5.4095E-07	8.49641E-13	1.67218E-08
24/05/2018 05:30	31170	1870200	5.34702E-07	6.9867E-13	1.44023E-08
24/05/2018 11:30	31530	1891800	5.28597E-07	6.34872E-13	1.25958E-08
24/05/2018 17:30	31890	1913400	5.2263E-07	5.31407E-13	1.08145E-08
24/05/2018 23:30	32250	1935000	5.16796E-07	4.69933E-13	9.56612E-09
25/05/2018 05:30	32610	1956600	5.11091E-07	4.15818E-13	9.45019E-09
25/05/2018 11:45	32985	1979100	5.0528E-07	4.24199E-13	1.1374E-08
25/05/2018 19:45	33465	2007900	4.98033E-07	3.65663E-13	9.82872E-09
26/05/2018 03:45	33945	2036700	4.9099E-07	3.16887E-13	8.76349E-09
26/05/2018 11:45	34425	2065500	4.84144E-07	2.91689E-13	8.15761E-09
26/05/2018 19:45	34905	2094300	4.77487E-07	2.74812E-13	7.49913E-09
27/05/2018 03:45	35385	2123100	4.71009E-07	2.45961E-13	6.8561E-09
27/05/2018 11:45	35865	2151900	4.64706E-07	2.30157E-13	6.29945E-09
27/05/2018 19:45	36345	2180700	4.58568E-07	2.07305E-13	5.84287E-09
28/05/2018 03:45	36825	2209500	4.52591E-07	1.9845E-13	5.44869E-09
28/05/2018 11:45	37305	2238300	4.46768E-07	1.79931E-13	5.05085E-09
28/05/2018 19:45	37785	2267100	4.41092E-07	1.70823E-13	4.73835E-09
29/05/2018 03:45	38265	2295900	4.35559E-07	1.58229E-13	4.29254E-09
29/05/2018 11:45	38745	2324700	4.30163E-07	1.39864E-13	3.38704E-09
29/05/2018 19:45	39225	2353500	4.24899E-07	9.53472E-14	2.93798E-09
30/05/2018 03:45	39705	2382300	4.19762E-07	1.08679E-13	3.13464E-09

Traçage Igue du Mas de Pégourié – source d'Ayrissac - Uranine					
date	t (min)	t(s)	1/t	h(t)*1/t	méthode des rectangles ((h(t)*1/t)+(h(t+dt)*1/(t+dt))*dt
30/05/2018 11:45	40185	2411100	4.14748E-07	1.09004E-13	2.91179E-09
30/05/2018 19:45	40665	2439900	4.09853E-07	9.3203E-14	2.43356E-09
31/05/2018 03:45	41145	2468700	4.05071E-07	7.57942E-14	2.10662E-09
31/05/2018 11:45	41625	2497500	4.004E-07	7.04988E-14	2.38879E-09
31/05/2018 19:45	42105	2526300	3.95836E-07	9.53892E-14	2.65713E-09
01/06/2018 03:45	42585	2555100	3.91374E-07	8.9134E-14	2.53568E-09
01/06/2018 11:45	43065	2583900	3.87012E-07	8.6955E-14	1.19669E-09
01/06/2018 15:30	43290	2597400	3.85E-07	9.03322E-14	3.56991E-09
02/06/2018 03:30	44010	2640600	3.78702E-07	7.49415E-14	3.02378E-09
02/06/2018 15:30	44730	2683800	3.72606E-07	6.50485E-14	2.58595E-09
03/06/2018 03:30	45450	2727000	3.66703E-07	5.46715E-14	2.23282E-09
03/06/2018 15:30	46170	2770200	3.60985E-07	4.86998E-14	2.02787E-09
04/06/2018 03:30	46890	2813400	3.55442E-07	4.51831E-14	2.03995E-09
04/06/2018 15:30	47610	2856600	3.50067E-07	4.92589E-14	2.19523E-09
05/06/2018 03:30	48330	2899800	3.44851E-07	5.23721E-14	2.20563E-09
05/06/2018 15:30	49050	2943000	3.39789E-07	4.97402E-14	1.99715E-09
06/06/2018 03:30	49770	2986200	3.34874E-07	4.27205E-14	1.73436E-09
06/06/2018 15:30	50490	3029400	3.30098E-07	3.75737E-14	1.53109E-09
07/06/2018 03:30	51210	3072600	3.25457E-07	3.33101E-14	1.3488E-09
07/06/2018 15:30	51930	3115800	3.20945E-07	2.91344E-14	1.20579E-09
08/06/2018 03:30	52650	3159000	3.16556E-07	2.6689E-14	1.13294E-09
08/06/2018 15:30	53370	3202200	3.12285E-07	2.57621E-14	1.08626E-09
09/06/2018 03:30	54090	3245400	3.08128E-07	2.45278E-14	1.0591E-09
09/06/2018 15:30	54810	3288600	3.04081E-07	2.45046E-14	1.03163E-09
10/06/2018 03:30	55530	3331800	3.00138E-07	2.32561E-14	8.15145E-10
10/06/2018 15:30	56250	3375000	2.96296E-07	1.44821E-14	6.55008E-10
11/06/2018 03:30	56970	3418200	2.92552E-07	1.58424E-14	3.77438E-09
14/06/2018 03:30	61290	3677400	2.71931E-07	1.32809E-14	2.6648E-09
16/06/2018 15:30	64890	3893400	2.56845E-07	1.13931E-14	2.92063E-09

vitesse moyenne
La*Σ(((h(t)*1/t)+(h(t+dt)*1/(t+dt))*dt)
0.0020 m/s
7.27 m/h
174.43 m/j

ANNEXE 6c

Calcul des paramètres de transit Toulze-Landenouze

Traçage Igue de Toulze – Résurgence de Landenouze à l'Eosine

données sonde barométrique			
		Sensor: Baro Pres	Sensor: Baro Pres
	Elapsed Time	SN#: 450446	SN#: 450446
Date and Time	Seconds	Temperature C°	Pressure (kPa)
30/04/2018 12:00	0	21.02	100.743
01/05/2018 03:00	54000.001	22.199	100.786
01/05/2018 18:00	108000.001	21.463	99.656
02/05/2018 09:00	162000.001	20.181	99.682
03/05/2018 00:00	216000.001	10.231	99.723
03/05/2018 15:00	270000.001	22.395	99.668
04/05/2018 06:00	324000.001	12.388	99.782
04/05/2018 21:00	378000.001	15.889	99.814
05/05/2018 12:00	432000.001	14.373	100.131
06/05/2018 03:00	486000.001	11.928	100.222
06/05/2018 18:00	540000.001	30.25	99.787
07/05/2018 09:00	594000.001	15.031	99.894
08/05/2018 00:00	648000.001	17.145	99.58
08/05/2018 15:00	702000.001	21.807	99.449
09/05/2018 06:00	756000.001	13.51	99.529
09/05/2018 21:00	810000.001	16.744	99.427
10/05/2018 12:00	864000.001	17.545	100.132
11/05/2018 03:00	918000.001	9.404	100.187
11/05/2018 18:00	972000.001	27.484	99.726
12/05/2018 09:00	1026000.001	12.542	99.72

données sonde immergée			
		Sensor: Pres(A) 100ft	Sensor: Pres(A) 100ft
	Elapsed Time	SN#: 432986	SN#: 432986
Date and Time	Seconds	Temperature C°	Pressure (kPa)
30/04/2018 12:00	0	20.988	100.722
01/05/2018 03:00	54000	22.173	100.839
01/05/2018 18:00	108000	21.384	99.667
02/05/2018 09:00	162000	20.294	99.623
03/05/2018 00:00	216000	13.592	121.802
03/05/2018 15:00	270000	13.541	121.018
04/05/2018 06:00	324000	13.49	120.936
04/05/2018 21:00	378000	13.541	120.295
05/05/2018 12:00	432000	13.438	120.566
06/05/2018 03:00	486000	13.643	119.736
06/05/2018 18:00	540000	13.694	119.428
07/05/2018 09:00	594000	13.694	119.532
08/05/2018 00:00	648000	13.746	119.143
08/05/2018 15:00	702000	13.694	118.636
09/05/2018 06:00	756000	13.643	118.875
09/05/2018 21:00	810000	13.643	118.645
10/05/2018 12:00	864000	13.643	119.059
11/05/2018 03:00	918000	13.643	118.886
11/05/2018 18:00	972000	13.848	117.781
12/05/2018 09:00	1026000	13.797	118.571

données sonde barométrique			
		Sensor: Baro Pres	Sensor: Baro Pres
	Elapsed Time	SN#: 450446	SN#: 450446
Date and Time	Seconds	Temperature C°	Pressure (kPa)
13/05/2018 00:00	1080000.001	9.818	100.197
13/05/2018 15:00	1134000.001	15.031	99.932
14/05/2018 06:00	1188000.001	8.73	99.955
14/05/2018 21:00	1242000.001	10.386	100.094
15/05/2018 12:00	1296000.001	12.388	100.178
16/05/2018 03:00	1350000.001	11.928	100.189
16/05/2018 18:00	1404000.001	17.995	100.102
17/05/2018 09:00	1458000.001	13.917	100.086
18/05/2018 00:00	1512000.001	14.424	100.099
18/05/2018 15:00	1566000.001	27.244	99.937
19/05/2018 06:00	1620000.001	11.364	99.949
19/05/2018 21:00	1674000.001	16.543	99.935
20/05/2018 12:00	1728000.001	21.807	99.907
21/05/2018 03:00	1782000.001	13.561	99.625
21/05/2018 18:00	1836000.001	27.148	99.249
22/05/2018 09:00	1890000.001	14.829	99.625
23/05/2018 00:00	1944000.001	15.839	99.902
23/05/2018 15:00	1998000.001	27.34	99.906
24/05/2018 06:00	2052000.001	13.103	99.942
24/05/2018 21:00	2106000.001	27.1	99.782
25/05/2018 12:00	2160000.001	24.784	99.856
26/05/2018 03:00	2214000.001	14.779	99.666
26/05/2018 18:00	2268000.001	28.059	99.594
27/05/2018 09:00	2322000.001	17.795	99.8

données sonde immergée			
		Sensor: Pres(A) 100ft	Sensor: Pres(A) 100ft
	Elapsed Time	SN#: 432986	SN#: 432986
Date and Time	Seconds	Temperature C°	Pressure (kPa)
13/05/2018 00:00	1080000	13.797	118.743
13/05/2018 15:00	1134000	13.746	118.638
14/05/2018 06:00	1188000	13.643	119.15
14/05/2018 21:00	1242000	13.541	119.709
15/05/2018 12:00	1296000	13.541	119.835
16/05/2018 03:00	1350000	13.592	119.435
16/05/2018 18:00	1404000	13.592	131.953
17/05/2018 09:00	1458000	13.592	138.647
18/05/2018 00:00	1512000	13.592	135.26
18/05/2018 15:00	1566000	13.694	130.718
19/05/2018 06:00	1620000	13.592	127.877
19/05/2018 21:00	1674000	13.643	145.194
20/05/2018 12:00	1728000	13.643	155.823
21/05/2018 03:00	1782000	13.643	155.777
21/05/2018 18:00	1836000	13.694	154.379
22/05/2018 09:00	1890000	13.694	153.932
23/05/2018 00:00	1944000	13.643	152.999
23/05/2018 15:00	1998000	13.643	146.307
24/05/2018 06:00	2052000	13.592	140.301
24/05/2018 21:00	2106000	13.541	134.661
25/05/2018 12:00	2160000	13.592	130.323
26/05/2018 03:00	2214000	13.541	126.83
26/05/2018 18:00	2268000	13.592	124.937
27/05/2018 09:00	2322000	13.541	123.396

données sonde barométrique			
		Sensor: Baro Pres	Sensor: Baro Pres
	Elapsed Time	SN#: 450446	SN#: 450446
Date and Time	Seconds	Temperature C°	Pressure (kPa)
28/05/2018 00:00	2376000.001	20.674	99.828
28/05/2018 15:00	2430000.001	18.891	99.76
29/05/2018 06:00	2484000.001	15.688	99.78
29/05/2018 21:00	2538000.001	23.568	99.549
30/05/2018 12:00	2592000.001	21.167	99.648
31/05/2018 03:00	2646000.001	14.525	99.74
31/05/2018 18:00	2700000.001	22.885	99.96
01/06/2018 09:00	2754000.001	14.677	100.346
02/06/2018 00:00	2808000.001	18.643	100.163
02/06/2018 15:00	2862000.001	27.388	99.988
03/06/2018 06:00	2916000.001	15.133	99.756
03/06/2018 21:00	2970000.001	23.227	99.54
04/06/2018 12:00	3024000.001	25.317	99.512
05/06/2018 03:00	3078000.001	16.593	99.395
05/06/2018 18:00	3132000.001	19.04	99.207
06/06/2018 09:00	3186000.001	15.587	99.533
07/06/2018 00:00	3240000.001	17.045	99.836
07/06/2018 15:00	3294000.001	19.636	99.813
08/06/2018 06:00	3348000.001	14.576	99.699
08/06/2018 21:00	3402000.001	24.347	99.396
09/06/2018 12:00	3456000.001	27.1	99.545
10/06/2018 03:00	3510000.001	18.891	99.392
10/06/2018 18:00	3564000.001	24.929	99.374
11/06/2018 09:00	3618000.001	16.994	99.354
12/06/2018 00:00	3672000.001	15.99	99.609

données sonde immergée			
		Sensor: Pres(A) 100ft	Sensor: Pres(A) 100ft
	Elapsed Time	SN#: 432986	SN#: 432986
Date and Time	Seconds	Temperature C°	Pressure (kPa)
28/05/2018 00:00	2376000	13.592	122.341
28/05/2018 15:00	2430000	13.592	120.768
29/05/2018 06:00	2484000	13.49	123.348
29/05/2018 21:00	2538000	13.49	132.431
30/05/2018 12:00	2592000	13.49	131.708
31/05/2018 03:00	2646000	13.49	146.265
31/05/2018 18:00	2700000	13.49	156.47
01/06/2018 09:00	2754000	13.541	155.944
02/06/2018 00:00	2808000	13.541	154.223
02/06/2018 15:00	2862000	13.541	147.048
03/06/2018 06:00	2916000	13.541	141.55
03/06/2018 21:00	2970000	13.541	135.465
04/06/2018 12:00	3024000	13.592	130.243
05/06/2018 03:00	3078000	13.541	127.725
05/06/2018 18:00	3132000	13.592	126.12
06/06/2018 09:00	3186000	13.592	139.164
07/06/2018 00:00	3240000	13.541	154.108
07/06/2018 15:00	3294000	13.49	155.46
08/06/2018 06:00	3348000	13.438	154.734
08/06/2018 21:00	3402000	13.438	152.209
09/06/2018 12:00	3456000	13.438	145.035
10/06/2018 03:00	3510000	13.387	140.348
10/06/2018 18:00	3564000	13.438	134.473
11/06/2018 09:00	3618000	13.387	132.507
12/06/2018 00:00	3672000	13.438	141.407

données sonde barométrique			
		Sensor: Baro Pres	Sensor: Baro Pres
	Elapsed Time	SN#: 450446	SN#: 450446
Date and Time	Seconds	Temperature C°	Pressure (kPa)
12/06/2018 15:00	3726000.001	20.625	99.322
13/06/2018 06:00	3780000.001	16.292	99.599
13/06/2018 21:00	3834000.001	22.15	99.954
14/06/2018 12:00	3888000.001	20.625	100.138
15/06/2018 03:00	3942000.001	17.045	100.02
15/06/2018 18:00	3996000.001	20.921	100
16/06/2018 09:00	4050000.001	18.094	100.1
17/06/2018 00:00	4104000.001	16.141	100.377
17/06/2018 15:00	4158000.001	22.346	100.53
18/06/2018 06:00	4212000.001	13.917	100.792
18/06/2018 21:00	4266000.001	24.104	100.688
19/06/2018 12:00	4320000.001	26.716	100.58
20/06/2018 03:00	4374000.001	18.294	100.238
20/06/2018 18:00	4428000.001	33.688	99.947
21/06/2018 09:00	4482000.001	20.872	100.211
22/06/2018 00:00	4536000.001	24.006	100.095
22/06/2018 15:00	4590000.001	27.388	100.238
23/06/2018 06:00	4644000.001	12.95	100.381
23/06/2018 21:00	4698000.001	30.25	100.07
24/06/2018 12:00	4752000.001	26.523	100.121
25/06/2018 03:00	4806000.001	17.295	100.083
25/06/2018 18:00	4860000.001	31.244	99.877
26/06/2018 09:00	4914000.001	20.526	100.159
27/06/2018 00:00	4968000.001	31.621	99.99
27/06/2018 15:00	5022000.001	25.365	101.332

données sonde immergée			
		Sensor: Pres(A) 100ft	Sensor: Pres(A) 100ft
	Elapsed Time	SN#: 432986	SN#: 432986
Date and Time	Seconds	Temperature C°	Pressure (kPa)
12/06/2018 15:00	3726000	13.438	145.735
13/06/2018 06:00	3780000	13.438	144.862
13/06/2018 21:00	3834000	13.438	141.809
14/06/2018 12:00	3888000	13.438	137.94
15/06/2018 03:00	3942000	13.438	133.382
15/06/2018 18:00	3996000	13.49	129.882
16/06/2018 09:00	4050000	13.49	128.079
17/06/2018 00:00	4104000	13.438	126.446
17/06/2018 15:00	4158000	13.643	124.56
18/06/2018 06:00	4212000	13.438	124.172
18/06/2018 21:00	4266000	13.541	123.201
19/06/2018 12:00	4320000	13.49	122.36
20/06/2018 03:00	4374000	13.643	121.172
20/06/2018 18:00	4428000	13.694	119.934
21/06/2018 09:00	4482000	13.643	119.794
22/06/2018 00:00	4536000	13.694	119.394
22/06/2018 15:00	4590000	13.694	119.107
23/06/2018 06:00	4644000	13.694	118.877
23/06/2018 21:00	4698000	13.848	118.401
24/06/2018 12:00	4752000	13.797	118.341
25/06/2018 03:00	4806000	13.848	117.838
25/06/2018 18:00	4860000	13.899	117.909
26/06/2018 09:00	4914000	13.848	118.562
27/06/2018 00:00	4968000	31.347	100.068
27/06/2018 15:00	5022000	25.545	101.404

hauteurs d'eau He et niveaux d'eau Ne			
Date and Time	ΔP (Pa)	He (m)	Ne (m)
	($P_{sonde\ immergée}$ - $P_{sonde\ baro}$)	(ΔP/ρg)	H_0-He
30/04/2018 12:00	-21	-0.0021471	6.297147114
01/05/2018 03:00	53	0.00541891	6.289581093
01/05/2018 18:00	11	0.00112468	6.293875321
02/05/2018 09:00	-59	-0.0060324	6.301032368
03/05/2018 00:00	22079	2.25743489	4.037565106
03/05/2018 15:00	21350	2.18289936	4.112100639
04/05/2018 06:00	21154	2.16285963	4.132140371
04/05/2018 21:00	20481	2.09404973	4.200950267
05/05/2018 12:00	20435	2.08934653	4.205653469
06/05/2018 03:00	19514	1.99518024	4.29981976
06/05/2018 18:00	19641	2.00816517	4.286834832
07/05/2018 09:00	19638	2.00785844	4.287141562
08/05/2018 00:00	19563	2.00019017	4.294809827
08/05/2018 15:00	19187	1.96174661	4.333253394
09/05/2018 06:00	19346	1.97800333	4.316996673
09/05/2018 21:00	19218	1.96491616	4.330083845
10/05/2018 12:00	18927	1.93516329	4.359836712
11/05/2018 03:00	18699	1.91185176	4.383148237
11/05/2018 18:00	18055	1.84600693	4.44899307
12/05/2018 09:00	18851	1.92739278	4.36760722

Calcul des variations de volume	
V (m^3)	ΔV (m^3)
He*S	Vt-Vt+dt
119.6440494	119.6440494
115.6936661	3.95038326
114.6315603	1.062105787
110.9846359	3.646924464
110.7353661	0.249269726
105.7445527	4.990813419
106.4327539	0.688201199
106.4164972	0.016256721
106.0100792	0.406418031
103.9725701	2.037509061
104.8341763	0.861606225
104.1405562	0.693620106
102.5636543	1.57690196
101.3281435	1.235510814
97.83836729	3.489776158
102.1518173	4.313450034

Eosine		
Date	t (min)	C° Eosine (µg/L)
26/04/2018 22:30	0	
27/04/2018 08:00	570	0
28/04/2018 08:00	2010	0
29/04/2018 08:00	3450	0
30/04/2018 08:00	4890	0
01/05/2018 08:00	6330	0
02/05/2018 08:00	7770	0
02/05/2018 11:20	7980	0
02/05/2018 23:20	8700	0
03/05/2018 11:20	9420	0
03/05/2018 23:20	10140	0
04/05/2018 11:20	10860	0
04/05/2018 23:20	11580	0
05/05/2018 11:20	12300	0
05/05/2018 23:20	13020	0
06/05/2018 11:20	13740	0
06/05/2018 23:20	14460	0
07/05/2018 11:20	15180	0
07/05/2018 23:20	15900	0
08/05/2018 11:20	16620	0
08/05/2018 23:20	17340	0

Les cellules roses n'ont pas été prises en compte pour les calculs car l'enregistrement des mesures a débuté le 30 avril mais les sondes n'ont été installées que le 02 mai en fin de matinée.

hauteurs d'eau He et niveaux d'eau Ne			
Date and Time	ΔP (Pa)	He (m)	Ne (m)
	($P_{sonde\ immergée}$ - $P_{sonde\ baro}$)	(ΔP/ρg)	H_0-He
13/05/2018 00:00	18546	1.8962085	4.398791497
13/05/2018 15:00	18706	1.91256747	4.382432532
14/05/2018 06:00	19195	1.96256455	4.332435446
14/05/2018 21:00	19615	2.00550684	4.289493163
15/05/2018 12:00	19657	2.00980106	4.285198935
16/05/2018 03:00	19246	1.96777897	4.327221026
16/05/2018 18:00	31851	3.25655867	3.038441333
17/05/2018 09:00	38561	3.94261275	2.352387248
18/05/2018 00:00	35161	3.59498475	2.70001525
18/05/2018 15:00	30781	3.14715809	3.14784191
19/05/2018 06:00	27928	2.8554573	3.4395427
19/05/2018 21:00	45259	4.62743991	1.667560086
20/05/2018 12:00	55916	5.71704921	0.577950789
21/05/2018 03:00	56152	5.74117868	0.553821316
21/05/2018 18:00	55130	5.6366858	0.658314204
22/05/2018 09:00	54307	5.55253937	0.742460629
23/05/2018 00:00	53097	5.4288247	0.8661753
23/05/2018 15:00	46401	4.74420203	1.550797975
24/05/2018 06:00	40359	4.12644662	2.168553382
24/05/2018 21:00	34879	3.56615207	2.728847925
25/05/2018 12:00	30467	3.11505362	3.179946378
26/05/2018 03:00	27164	2.77734324	3.517656757
26/05/2018 18:00	25343	2.59115778	3.703842225
27/05/2018 09:00	23596	2.41253833	3.882461671

Calcul des variations de volume	
V (m^3)	ΔV (m^3)
He*S	Vt-Vt+dt
100.4990507	1.652766659
101.3660758	0.867025132
104.0159214	2.649845561
106.2918623	2.275940973
106.5194564	0.227594097
104.2922856	2.227170809
172.5976093	68.30532372
208.9584758	36.36086649
190.5341918	18.42428407
166.7993788	23.734813
151.3392369	15.46014189
245.2543154	93.91507857
303.0036082	57.74929273
304.2824702	1.27886207
298.7443472	5.538123034
294.2845867	4.459760525
287.7277091	6.556877564
251.4427073	36.28500179
218.7016708	32.74103657
189.00606	29.69561079
165.0978419	23.90821803
147.1991919	17.89865008
137.3313621	9.867829789
127.8645314	9.466830665

Eosine		
Date	t (min)	C° Eosine (µg/L)
09/05/2018 23:20	18780	0
10/05/2018 11:20	19500	0
10/05/2018 23:20	20220	0
11/05/2018 11:20	20940	0
11/05/2018 23:20	21660	0
12/05/2018 11:20	22380	0
12/05/2018 23:20	23100	0
13/05/2018 11:20	23820	0
13/05/2018 23:20	24540	0
14/05/2018 11:20	25260	0
14/05/2018 23:20	25980	0
15/05/2018 11:20	26700	0
15/05/2018 23:20	27420	0
16/05/2018 11:20	28140	0
16/05/2018 23:20	28860	0
17/05/2018 11:20	29580	0
17/05/2018 23:20	30300	0
18/05/2018 11:20	31020	0
18/05/2018 23:20	31740	0
19/05/2018 11:20	32460	0
19/05/2018 23:20	33180	0
20/05/2018 11:20	33900	0
20/05/2018 23:20	34620	0
21/05/2018 11:20	35340	0

hauteurs d'eau He et niveaux d'eau Ne			
Date and Time	ΔP (Pa)	He (m)	Ne (m)
	($P_{sonde\ immergée}$ - $P_{sonde\ baro}$)	(ΔP/ρg)	H_0-He
28/05/2018 00:00	22513	2.30180859	3.993191414
28/05/2018 15:00	21008	2.14793207	4.147067927
29/05/2018 06:00	23568	2.40967551	3.88532449
29/05/2018 21:00	32882	3.36197175	2.933028254
30/05/2018 12:00	32060	3.27792756	3.017072435
31/05/2018 03:00	46525	4.75688022	1.538119777
31/05/2018 18:00	56510	5.77778187	0.517218132
01/06/2018 09:00	55598	5.68453577	0.610464232
02/06/2018 00:00	54060	5.52728522	0.76771478
02/06/2018 15:00	47060	4.81158051	1.483419489
03/06/2018 06:00	41794	4.27316608	2.021833917
03/06/2018 21:00	35925	3.67309881	2.621901193
04/06/2018 12:00	30731	3.14204591	3.152954087
05/06/2018 03:00	28330	2.8965592	3.398440802
05/06/2018 18:00	26913	2.75168012	3.543319883
06/06/2018 09:00	39631	4.05201333	2.242986672
07/06/2018 00:00	54272	5.54896085	0.746039152
07/06/2018 15:00	55647	5.6895457	0.605454299
08/06/2018 06:00	55035	5.62697266	0.668027339
08/06/2018 21:00	52813	5.39978754	0.895212462
09/06/2018 12:00	45490	4.65105817	1.643941831
10/06/2018 03:00	40956	4.18748601	2.107513995
10/06/2018 18:00	35099	3.58864565	2.706354348
11/06/2018 09:00	33153	3.38967974	2.905320257
12/06/2018 00:00	41798	4.27357506	2.021424943

Calcul des variations de volume	
V (m^3)	ΔV (m^3)
He*S	Vt-Vt+dt
121.995855	5.868676365
113.8403999	8.155455152
127.712802	13.87240212
178.1845025	50.47170052
173.7301609	4.454341618
252.1146518	78.38449088
306.222439	54.10778717
301.2803957	4.942043255
292.9461166	8.334279086
255.0137671	37.93234955
226.4778024	28.53596467
194.6742368	31.80356564
166.5284334	28.14580336
153.5176375	13.01079589
145.8390462	7.67859133
214.7567064	68.91766022
294.0949249	79.33821853
301.5459222	7.450997232
298.229551	3.316371132
286.1887395	12.04081153
246.506083	39.68265653
221.9367583	24.56932469
190.1982195	31.73853876
179.6530264	10.54519317
226.499478	46.84645169

Eosine		
Date	t (min)	C° Eosine (µg/L)
21/05/2018 23:20	36060	0
22/05/2018 11:20	36780	0
22/05/2018 23:20	37500	0
23/05/2018 11:20	38220	0
23/05/2018 23:20	38940	0
24/05/2018 11:20	39660	0
25/05/2018 09:30	40990	0.315
25/05/2018 11:20	41100	0.296
25/05/2018 23:20	41820	0.446
26/05/2018 11:20	42540	0.69
27/05/2018 11:20	43980	0.613
28/05/2018 11:20	45420	1.058
29/05/2018 11:20	46860	3.386
30/05/2018 11:20	48300	3.23
31/05/2018 11:20	49740	2.992
01/06/2018 11:20	51180	2.951
02/06/2018 11:20	52620	1.933
03/06/2018 11:20	54060	1.326
04/06/2018 11:20	55500	1.01
05/06/2018 11:20	56940	0.752
06/06/2018 11:20	58380	0.711
07/06/2018 11:20	59820	3.372
08/06/2018 11:20	61260	5.723
09/06/2018 11:20	62700	3.718
10/06/2018 11:20	64140	0.595

hauteurs d'eau He et niveaux d'eau Ne			
Date and Time	ΔP (Pa)	He (m)	Ne (m)
	($P_{sonde\ immergée}$ - $P_{sonde\ baro}$)	(ΔP/ρg)	H_0-He
12/06/2018 15:00	46413	4.74542895	1.549571053
13/06/2018 06:00	45263	4.62784889	1.667151112
13/06/2018 21:00	41855	4.27940294	2.015597061
14/06/2018 12:00	37802	3.86500991	2.429990087
15/06/2018 03:00	33362	3.41104864	2.88395136
15/06/2018 18:00	29882	3.05524116	3.239758843
16/06/2018 09:00	27979	2.86067172	3.43432828
17/06/2018 00:00	26069	2.66538658	3.629613422
17/06/2018 15:00	24030	2.45691202	3.83808798
18/06/2018 06:00	23380	2.39045373	3.904546274
18/06/2018 21:00	22513	2.30180859	3.993191414
19/06/2018 12:00	21780	2.22686408	4.068135922
20/06/2018 03:00	20934	2.14036605	4.154633948
20/06/2018 18:00	19987	2.04354143	4.25145857
21/06/2018 09:00	19583	2.00223504	4.292764956
22/06/2018 00:00	19299	1.97319788	4.321802119
22/06/2018 15:00	18869	1.92923316	4.365766837
23/06/2018 06:00	18496	1.89109633	4.403903673
23/06/2018 21:00	18331	1.87422614	4.420773856
24/06/2018 12:00	18220	1.86287711	4.432122888
25/06/2018 03:00	17755	1.81533387	4.479666129
25/06/2018 18:00	18032	1.84365533	4.451344671
26/06/2018 09:00	18403	1.88158768	4.413412322

Calcul des variations de volume	
V (m^3)	ΔV (m^3)
He*S	Vt-Vt+dt
251.5077342	25.00825617
245.2759911	6.23174314
226.8083558	18.46763532
204.8455254	21.96283039
180.7855779	24.05994743
161.9277813	18.85779663
151.6156011	10.31218017
141.2654886	10.35011252
130.2163371	11.04915153
126.6940475	3.522289601
121.995855	4.698192437
118.0237962	3.972058888
113.4394008	4.584395388
108.3076958	5.131705003
106.1184573	2.18923846
104.5794877	1.53896961
102.2493577	2.330130044
100.2281053	2.02125234
99.33398565	0.894119668
98.73248696	0.601498686
96.21269517	2.519791791
97.71373243	1.501037261
99.72414696	2.010414526

Eosine		
Date	T (min)	C° Eosine (µg/L)
11/06/2018 11:20	65580	0.281
12/06/2018 11:20	67020	0.945
13/06/2018 11:20	68460	0.726
14/06/2018 11:20	69900	0.681
15/06/2018 11:20	71340	0.641
16/06/2018 11:20	72780	0.675
17/06/2018 11:20	74220	0.77
18/06/2018 11:20	75660	0.941
19/06/2018 11:20	77100	1.442
20/06/2018 11:20	78540	1.892
21/06/2018 11:20	79980	2.1
22/06/2018 11:20	82860	2.473
24/06/2018 11:20	85740	1.724
26/06/2018 11:20	88620	1.2

Traçage Igue de Toulze – Résurgence de Landenouze - Eosine					
date	t (min)	t(s)	C° Uranine (µg/L)	restitution unitaire	Méthode des rectangles
				(C/Mi) (L-1)	((Ct+Ct+dt)/2)*dt
26/04/2018 22:30	0	0	0	0	0
27/04/2018 08:00	570	34200	0	0	0
28/04/2018 08:00	2010	120600	0	0	0
29/04/2018 08:00	3450	207000	0	0	0
30/04/2018 08:00	4890	293400	0	0	0
01/05/2018 08:00	6330	379800	0	0	0
02/05/2018 08:00	7770	466200	0	0	0
02/05/2018 11:20	7980	478800	0	0	0
02/05/2018 23:20	8700	522000	0	0	0
03/05/2018 11:20	9420	565200	0	0	0
03/05/2018 23:20	10140	608400	0	0	0
04/05/2018 11:20	10860	651600	0	0	0
04/05/2018 23:20	11580	694800	0	0	0
05/05/2018 11:20	12300	738000	0	0	0
05/05/2018 23:20	13020	781200	0	0	0
06/05/2018 11:20	13740	824400	0	0	0
06/05/2018 23:20	14460	867600	0	0	0
07/05/2018 11:20	15180	910800	0	0	0
07/05/2018 23:20	15900	954000	0	0	0
08/05/2018 11:20	16620	997200	0	0	0
08/05/2018 23:20	17340	1040400	0	0	0
09/05/2018 11:20	18060	1083600	0	0	0
09/05/2018 23:20	18780	1126800	0	0	0
10/05/2018 11:20	19500	1170000	0	0	0
10/05/2018 23:20	20220	1213200	0	0	0
11/05/2018 11:20	20940	1256400	0	0	0
11/05/2018 23:20	21660	1299600	0	0	0
12/05/2018 11:20	22380	1342800	0	0	0
12/05/2018 23:20	23100	1386000	0	0	0
13/05/2018 11:20	23820	1429200	0	0	0
13/05/2018 23:20	24540	1472400	0	0	0
14/05/2018 11:20	25260	1515600	0	0	0
14/05/2018 23:20	25980	1558800	0	0	0
15/05/2018 11:20	26700	1602000	0	0	0
15/05/2018 23:20	27420	1645200	0	0	0
16/05/2018 11:20	28140	1688400	0	0	0
16/05/2018 23:20	28860	1731600	0	0	0
17/05/2018 11:20	29580	1774800	0	0	0
17/05/2018 23:20	30300	1818000	0	0	0
18/05/2018 11:20	31020	1861200	0	0	0
18/05/2018 23:20	31740	1904400	0	0	0

A noter que les paramètres de transit ont été calculés, cependant, au vu des résultats d'analyses et de la courbe de restitution obtenue, ces paramètres sont susceptibles de ne pas être exploitables.

Traçage Igue de Toulze – Résurgence de Landenouze - Eosine					
date	t (min)	t(s)	C° Uranine (µg/L)	restitution unitaire	Méthode des rectangles
				(C/Mi) (L-1)	((Ct+Ct+dt)/2)*dt
19/05/2018 11:20	32460	1947600	0	0	0
19/05/2018 23:20	33180	1990800	0	0	0
20/05/2018 11:20	33900	2034000	0	0	0
20/05/2018 23:20	34620	2077200	0	0	0
21/05/2018 11:20	35340	2120400	0	0	0
21/05/2018 23:20	36060	2163600	0	0	0
22/05/2018 11:20	36780	2206800	0	0	0
22/05/2018 23:20	37500	2250000	0	0	0
23/05/2018 11:20	38220	2293200	0	0	0
23/05/2018 23:20	38940	2336400	0	0	0
24/05/2018 11:20	39660	2379600	0	0	12568.5
25/05/2018 09:30	40990	2459400	0.315	7.875E-11	2016.3
25/05/2018 11:20	41100	2466000	0.296	7.4E-11	16027.2
25/05/2018 23:20	41820	2509200	0.446	1.115E-10	24537.6
26/05/2018 11:20	42540	2552400	0.69	1.725E-10	56289.6
27/05/2018 11:20	43980	2638800	0.613	1.5325E-10	72187.2
28/05/2018 11:20	45420	2725200	1.058	2.645E-10	191980.8
29/05/2018 11:20	46860	2811600	3.386	8.465E-10	285811.2
30/05/2018 11:20	48300	2898000	3.23	8.075E-10	268790.4
31/05/2018 11:20	49740	2984400	2.992	7.48E-10	256737.6
01/06/2018 11:20	51180	3070800	2.951	7.3775E-10	210988.8
02/06/2018 11:20	52620	3157200	1.933	4.8325E-10	140788.8
03/06/2018 11:20	54060	3243600	1.326	3.315E-10	100915.2
04/06/2018 11:20	55500	3330000	1.01	2.525E-10	76118.4
05/06/2018 11:20	56940	3416400	0.752	1.88E-10	63201.6
06/06/2018 11:20	58380	3502800	0.711	1.7775E-10	176385.6
07/06/2018 11:20	59820	3589200	3.372	8.43E-10	392904
08/06/2018 11:20	61260	3675600	5.723	1.43075E-09	407851.2
09/06/2018 11:20	62700	3762000	3.718	9.295E-10	186321.6
10/06/2018 11:20	64140	3848400	0.595	1.4875E-10	37843.2
11/06/2018 11:20	65580	3934800	0.281	7.025E-11	52963.2
12/06/2018 11:20	67020	4021200	0.945	2.3625E-10	72187.2
13/06/2018 11:20	68460	4107600	0.726	1.815E-10	60782.4
14/06/2018 11:20	69900	4194000	0.681	1.7025E-10	57110.4
15/06/2018 11:20	71340	4280400	0.641	1.6025E-10	56851.2
16/06/2018 11:20	72780	4366800	0.675	1.6875E-10	62424
17/06/2018 11:20	74220	4453200	0.77	1.925E-10	73915.2
18/06/2018 11:20	75660	4539600	0.941	2.3525E-10	102945.6
19/06/2018 11:20	77100	4626000	1.442	3.605E-10	144028.8
20/06/2018 11:20	78540	4712400	1.892	4.73E-10	172454.4
21/06/2018 11:20	79980	4798800	2.1	5.25E-10	395107.2
22/06/2018 11:20	82860	4971600	2.473	6.1825E-10	362620.8
24/06/2018 11:20	85740	5144400	1.724	4.31E-10	252633.6
26/06/2018 11:20	88620	5317200	1.2	3E-10	3190320

Traçage Igue de Toulze – Résurgence de Landenouze - Eosine					
date	t (min)	t(s)	h(t) (=DTS) (s-1)	t*h(t)	Méthode des rectangles
			C/Σ(((Ct+Ct+dt)/2)*dt)		(th(t)+(t+dt)h(t+dt))/2*dt
26/04/2018 22:30	0	0	0	0	0
27/04/2018 08:00	570	34200	0	0	0
28/04/2018 08:00	2010	120600	0	0	0
29/04/2018 08:00	3450	207000	0	0	0
30/04/2018 08:00	4890	293400	0	0	0
01/05/2018 08:00	6330	379800	0	0	0
02/05/2018 08:00	7770	466200	0	0	0
02/05/2018 11:20	7980	478800	0	0	0
02/05/2018 23:20	8700	522000	0	0	0
03/05/2018 11:20	9420	565200	0	0	0
03/05/2018 23:20	10140	608400	0	0	0
04/05/2018 11:20	10860	651600	0	0	0
04/05/2018 23:20	11580	694800	0	0	0
05/05/2018 11:20	12300	738000	0	0	0
05/05/2018 23:20	13020	781200	0	0	0
06/05/2018 11:20	13740	824400	0	0	0
06/05/2018 23:20	14460	867600	0	0	0
07/05/2018 11:20	15180	910800	0	0	0
07/05/2018 23:20	15900	954000	0	0	0
08/05/2018 11:20	16620	997200	0	0	0
08/05/2018 23:20	17340	1040400	0	0	0
09/05/2018 11:20	18060	1083600	0	0	0
09/05/2018 23:20	18780	1126800	0	0	0
10/05/2018 11:20	19500	1170000	0	0	0
10/05/2018 23:20	20220	1213200	0	0	0
11/05/2018 11:20	20940	1256400	0	0	0
11/05/2018 23:20	21660	1299600	0	0	0
12/05/2018 11:20	22380	1342800	0	0	0
12/05/2018 23:20	23100	1386000	0	0	0
13/05/2018 11:20	23820	1429200	0	0	0
13/05/2018 23:20	24540	1472400	0	0	0
14/05/2018 11:20	25260	1515600	0	0	0
14/05/2018 23:20	25980	1558800	0	0	0
15/05/2018 11:20	26700	1602000	0	0	0
15/05/2018 23:20	27420	1645200	0	0	0
16/05/2018 11:20	28140	1688400	0	0	0
16/05/2018 23:20	28860	1731600	0	0	0
17/05/2018 11:20	29580	1774800	0	0	0
17/05/2018 23:20	30300	1818000	0	0	0
18/05/2018 11:20	31020	1861200	0	0	0
18/05/2018 23:20	31740	1904400	0	0	0

Traçage Igue de Toulze – Résurgence de Landenouze - Eosine					
date	t (min)	t(s)	h(t) (=DTS) (s-1)	t*h(t)	Méthode des rectangles
			C/Σ(((Ct+Ct+dt)/2)*dt)		(th(t)+(t+dt)h(t+dt))/2*dt
19/05/2018 11:20	32460	1947600	0	0	0
19/05/2018 23:20	33180	1990800	0	0	0
20/05/2018 11:20	33900	2034000	0	0	0
20/05/2018 23:20	34620	2077200	0	0	0
21/05/2018 11:20	35340	2120400	0	0	0
21/05/2018 23:20	36060	2163600	0	0	0
22/05/2018 11:20	36780	2206800	0	0	0
22/05/2018 23:20	37500	2250000	0	0	0
23/05/2018 11:20	38220	2293200	0	0	0
23/05/2018 23:20	38940	2336400	0	0	0
24/05/2018 11:20	39660	2379600	0	0	3846.270195
25/05/2018 09:30	40990	2459400	3.91956E-08	0.09639775	617.8395917
25/05/2018 11:20	41100	2466000	3.68315E-08	0.09082637	4969.66416
25/05/2018 23:20	41820	2509200	5.5496E-08	0.13925067	7741.274992
26/05/2018 11:20	42540	2552400	8.58571E-08	0.21914169	18162.08664
27/05/2018 11:20	43980	2638800	7.6276E-08	0.20127699	24193.8549
28/05/2018 11:20	45420	2725200	1.31648E-07	0.35876595	66672.92969
29/05/2018 11:20	46860	2811600	4.21322E-07	1.1845889	101490.9025
30/05/2018 11:20	48300	2898000	4.01911E-07	1.16473754	98315.36896
31/05/2018 11:20	49740	2984400	3.72296E-07	1.11108118	96710.22458
01/06/2018 11:20	51180	3070800	3.67195E-07	1.12758142	81516.88196
02/06/2018 11:20	52620	3157200	2.40524E-07	0.75938344	55925.0399
03/06/2018 11:20	54060	3243600	1.64995E-07	0.53517767	41198.76378
04/06/2018 11:20	55500	3330000	1.25675E-07	0.41849741	31889.20891
05/06/2018 11:20	56940	3416400	9.35718E-08	0.31967872	27197.50892
06/06/2018 11:20	58380	3502800	8.84702E-08	0.30989325	78444.70447
07/06/2018 11:20	59820	3589200	4.1958E-07	1.50595639	178131.3556
08/06/2018 11:20	61260	3675600	7.12116E-07	2.61745462	188260.4055
09/06/2018 11:20	62700	3762000	4.62633E-07	1.74042514	87494.94996
10/06/2018 11:20	64140	3848400	7.40362E-08	0.28492092	18252.05151
11/06/2018 11:20	65580	3934800	3.4965E-08	0.13758027	26370.17656
12/06/2018 11:20	67020	4021200	1.17587E-07	0.47284048	36456.78873
13/06/2018 11:20	68460	4107600	9.03366E-08	0.37106666	31382.83963
14/06/2018 11:20	69900	4194000	8.47372E-08	0.35538796	30101.44494
15/06/2018 11:20	71340	4280400	7.976E-08	0.34140475	30593.16518
16/06/2018 11:20	72780	4366800	8.39907E-08	0.36677037	34276.53873
17/06/2018 11:20	74220	4453200	9.58116E-08	0.42666802	41394.50365
18/06/2018 11:20	75660	4539600	1.17089E-07	0.53153808	58820.09361
19/06/2018 11:20	77100	4626000	1.79429E-07	0.83003816	83783.98124
20/06/2018 11:20	78540	4712400	2.35423E-07	1.10940585	102096.835
21/06/2018 11:20	79980	4798800	2.61304E-07	1.25394681	240519.6236
22/06/2018 11:20	82860	4971600	3.07717E-07	1.52984513	227526.908
24/06/2018 11:20	85740	5144400	2.14518E-07	1.10356816	163945.2944
26/06/2018 11:20	88620	5317200	1.49317E-07	0.79394682	2110787.016

Traçage Igue de Toulze – Résurgence de Landenouze - Eosine					
date	t (min)	t(s)	1/t	h(t)*1/t	méthode des rectangles ((h(t)*1/t)+(h(t+dt)*1/(t+dt))*dt
26/04/2018 22:30	0	0			
27/04/2018 08:00	570	34200	2.92398E-05	0	0
28/04/2018 08:00	2010	120600	8.29187E-06	0	0
29/04/2018 08:00	3450	207000	4.83092E-06	0	0
30/04/2018 08:00	4890	293400	3.40832E-06	0	0
01/05/2018 08:00	6330	379800	2.63296E-06	0	0
02/05/2018 08:00	7770	466200	2.145E-06	0	0
02/05/2018 11:20	7980	478800	2.08855E-06	0	0
02/05/2018 23:20	8700	522000	1.91571E-06	0	0
03/05/2018 11:20	9420	565200	1.76929E-06	0	0
03/05/2018 23:20	10140	608400	1.64366E-06	0	0
04/05/2018 11:20	10860	651600	1.53468E-06	0	0
04/05/2018 23:20	11580	694800	1.43926E-06	0	0
05/05/2018 11:20	12300	738000	1.35501E-06	0	0
05/05/2018 23:20	13020	781200	1.28008E-06	0	0
06/05/2018 11:20	13740	824400	1.213E-06	0	0
06/05/2018 23:20	14460	867600	1.1526E-06	0	0
07/05/2018 11:20	15180	910800	1.09794E-06	0	0
07/05/2018 23:20	15900	954000	1.04822E-06	0	0
08/05/2018 11:20	16620	997200	1.00281E-06	0	0
08/05/2018 23:20	17340	1040400	9.61169E-07	0	0
09/05/2018 11:20	18060	1083600	9.2285E-07	0	0
09/05/2018 23:20	18780	1126800	8.87469E-07	0	0
10/05/2018 11:20	19500	1170000	8.54701E-07	0	0
10/05/2018 23:20	20220	1213200	8.24266E-07	0	0
11/05/2018 11:20	20940	1256400	7.95925E-07	0	0
11/05/2018 23:20	21660	1299600	7.69468E-07	0	0
12/05/2018 11:20	22380	1342800	7.44713E-07	0	0
12/05/2018 23:20	23100	1386000	7.21501E-07	0	0
13/05/2018 11:20	23820	1429200	6.99692E-07	0	0
13/05/2018 23:20	24540	1472400	6.79163E-07	0	0
14/05/2018 11:20	25260	1515600	6.59805E-07	0	0
14/05/2018 23:20	25980	1558800	6.41519E-07	0	0
15/05/2018 11:20	26700	1602000	6.2422E-07	0	0
15/05/2018 23:20	27420	1645200	6.07829E-07	0	0
16/05/2018 11:20	28140	1688400	5.92277E-07	0	0
16/05/2018 23:20	28860	1731600	5.77501E-07	0	0
17/05/2018 11:20	29580	1774800	5.63444E-07	0	0
17/05/2018 23:20	30300	1818000	5.50055E-07	0	0
18/05/2018 11:20	31020	1861200	5.37288E-07	0	0
18/05/2018 23:20	31740	1904400	5.251E-07	0	0

Traçage Igue de Toulze – Résurgence de Landenouze - Eosine					
date	t (min)	t(s)	1/t	h(t)*1/t	méthode des rectangles ((h(t)*1/t)+(h(t+dt)*1/(t+dt))*dt
19/05/2018 11:20	32460	1947600	5.13452E-07	0	0
19/05/2018 23:20	33180	1990800	5.02311E-07	0	0
20/05/2018 11:20	33900	2034000	4.91642E-07	0	0
20/05/2018 23:20	34620	2077200	4.81417E-07	0	0
21/05/2018 11:20	35340	2120400	4.71609E-07	0	0
21/05/2018 23:20	36060	2163600	4.62193E-07	0	0
22/05/2018 11:20	36780	2206800	4.53145E-07	0	0
22/05/2018 23:20	37500	2250000	4.44444E-07	0	0
23/05/2018 11:20	38220	2293200	4.36072E-07	0	0
23/05/2018 23:20	38940	2336400	4.28009E-07	0	0
24/05/2018 11:20	39660	2379600	4.20239E-07	0	6.35889E-10
25/05/2018 09:30	40990	2459400	4.06603E-07	1.59371E-14	1.0188E-10
25/05/2018 11:20	41100	2466000	4.05515E-07	1.49357E-14	8.00339E-10
25/05/2018 23:20	41820	2509200	3.98533E-07	2.2117E-14	1.2043E-09
26/05/2018 11:20	42540	2552400	3.91788E-07	3.36378E-14	2.70187E-09
27/05/2018 11:20	43980	2638800	3.7896E-07	2.89055E-14	3.3356E-09
28/05/2018 11:20	45420	2725200	3.66946E-07	4.83075E-14	8.56046E-09
29/05/2018 11:20	46860	2811600	3.55669E-07	1.49851E-13	1.24648E-08
30/05/2018 11:20	48300	2898000	3.45066E-07	1.38686E-13	1.13803E-08
31/05/2018 11:20	49740	2984400	3.35076E-07	1.24747E-13	1.05548E-08
01/06/2018 11:20	51180	3070800	3.25648E-07	1.19576E-13	8.45679E-09
02/06/2018 11:20	52620	3157200	3.16736E-07	7.61828E-14	5.48859E-09
03/06/2018 11:20	54060	3243600	3.08299E-07	5.08679E-14	3.82787E-09
04/06/2018 11:20	55500	3330000	3.003E-07	3.77402E-14	2.81358E-09
05/06/2018 11:20	56940	3416400	2.92706E-07	2.7389E-14	2.27431E-09
06/06/2018 11:20	58380	3502800	2.85486E-07	2.5257E-14	6.14121E-09
07/06/2018 11:20	59820	3589200	2.78614E-07	1.16901E-13	1.34197E-08
08/06/2018 11:20	61260	3675600	2.72064E-07	1.93742E-13	1.36822E-08
09/06/2018 11:20	62700	3762000	2.65816E-07	1.22975E-13	6.14362E-09
10/06/2018 11:20	64140	3848400	2.59848E-07	1.92382E-14	1.21497E-09
11/06/2018 11:20	65580	3934800	2.54143E-07	8.88609E-15	1.64712E-09
12/06/2018 11:20	67020	4021200	2.48682E-07	2.92417E-14	2.21332E-09
13/06/2018 11:20	68460	4107600	2.43451E-07	2.19926E-14	1.82291E-09
14/06/2018 11:20	69900	4194000	2.38436E-07	2.02044E-14	1.67781E-09
15/06/2018 11:20	71340	4280400	2.33623E-07	1.86338E-14	1.63588E-09
16/06/2018 11:20	72780	4366800	2.29001E-07	1.92339E-14	1.76036E-09
17/06/2018 11:20	74220	4453200	2.24558E-07	2.15152E-14	2.04371E-09
18/06/2018 11:20	75660	4539600	2.20284E-07	2.57928E-14	2.78985E-09
19/06/2018 11:20	77100	4626000	2.16169E-07	3.87871E-14	3.83379E-09
20/06/2018 11:20	78540	4712400	2.12206E-07	4.99581E-14	4.51052E-09
21/06/2018 11:20	79980	4798800	2.08385E-07	5.4452E-14	1.00524E-08
22/06/2018 11:20	82860	4971600	2.01142E-07	6.18949E-14	8.95055E-09
24/06/2018 11:20	85740	5144400	1.94386E-07	4.16994E-14	3.60283E-09
26/06/2018 11:20	88620	5317200			

tps moyen de transit	Vitesse apparente
Σ((th(t)+(t+dt)h(t+dt))/2*dt)	
4429086.5 s	0.000677 m/s
1230.3 h	2.44 m/h
51.26 j	58.52 m/j

vitesse moyenne
La*Σ(((h(t)*1/t)+(h(t+dt)*1/(t+dt))*dt)
0.00049 m/s
1.75 m/h
41.92 m/j

ANNEXE 7

Coupes topograpigues

IGUE de CHAMP NAUD

GREALOU. LOT.

x: 565,244 y: 217,916 Z: 330 m.

1/250 B.F. le 9-04-2006.

o ?

IGUE du MAS de PEGOURIE

x : 562,291 y : 249,314 z : 307

GREALOU . LOT.

1/250 B.F. le 6-04-07

Source de Landenouse

Topo : GLPS
F. Badier

ANNEXE 8

Carte des traçages du Causse de Saint-Chels

Traçages réalisés au Causse de Saint-Chels

Points de restitution

Villages

Points d'injection—traçages 2018

Points d'injection pour d'anciens traçages

Traçages 2018

Anciens traçages

ANNEXE 9

Fiches traçages

GEOTEC 17/00351/TOULS

CAUSSE DE SAINT-CHELS

Multi-traçages

Restitution : Traçage à la Sulforhodamine B : Perte de Font d'Alan — Captage de Bons

Date d'injection	Traceur injecté
02/05/2018 10:00	Sulforhodamine B
Distance apparente	**Masse injectée**
5 km	4 kg

tps 1ère apparition	vitesse max.
33.5 h	150 m/h
1.4 j	3600 m/j
temps modal	**vitesse modale**
37.6 h	133 m/h
1.6 j	3190 m/j

Dilution min.	Dilution unitaire
1.7E-5	2.-07 L^{-1}

GEOTEC 17/00351/TOULS

CAUSSE DE SAINT-CHELS

Multi-traçages

Restitution : Traçage à l'Uranine : Doline de Carayac — Captage de Bons

Date d'injection	Traceur injecté
30/04/2018 10:45	Uranine
Distance apparente	**Masse injectée**
3.2 km	8 kg

tps 1ère apparition	vitesse max.
256 h	13.5 m/h
10.5 j	324 m/j
temps modal	**vitesse modale**
317.5 h	10 m/h
13 j	240 m/j

Dilution min.	Dilution unitaire
3 E-7	1 E-08 L^{-1}

GEOTEC 17/00351/TOULS

CAUSSE DE SAINT-CHELS

Multi-traçages

Restitution : Traçage à l'Uranine : Igue du Mas de Pégourié — Source d'Ayrissac

Date d'injection	Traceur injecté
02/05/2018 14:00	Uranine
Distance apparente	**Masse injectée**
4 km	8 kg

tps 1ère apparition	vitesse max.
406 h	10 m/h
17 j	236.5 m/j
temps modal	**vitesse modale**
477.5 h	8 m/h
20 j	201 m/j

Dilution min.	Dilution unitaire
4E-7	1E-08 L^{-1}

GEOTEC 17/00351/TOULS

CAUSSE DE SAINT-CHELS

Multi-traçages

Restitution : Traçage à l'Eosine:
Igue de Toulze — Résurgence et captage de Landenouze

Date d'injection	Traceur injecté
26/04/2018 22:30	Eosine
Distance apparente (Résurgence)	
3 km	
Distance apparente (Captage)	
2.7 km	
Masse injectée	
4 kg	

Résurgence	
tps 1ère apparition	**vitesse max.**
683.1 h	4.4 m/h
28.5 j	105.4 m/j
Captage	
tps 1ère apparition	**vitesse max.**
708 h	3.8 m/h
29.5 j	91.2 m/j