

Supplement of Biogeosciences, 15, 7097–7109, 2018  
<https://doi.org/10.5194/bg-15-7097-2018-supplement>  
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*Supplement of*

## **Introduction to the French GEOTRACES North Atlantic Transect (GA01): GEOVIDE cruise**

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**Supplementary material 1: Analyses of the concentrations of macro-nutrients (nitrate,  $\text{NO}_3$ ; nitrite,  $\text{NO}_2$ ; and silicic acid,  $\text{Si}(\text{OH})_4$ ), biogenic silica (BSi), and particulate organic carbon and nitrogen (POC and PON).**

**1. Sampling:**

The GEOVIDE cruise was conducted in May-June 2014 and consisted in 78 stations. Stations were labeled as Short (46), Large (17), XLarge (5), and Super (10) stations depending on the number of parameters and rosette casts. The first station cast was used as reference for physicochemical characterization of water masses. During the first cast at each station, a standard stainless steel rosette (SSSR) equipped with 22 Niskin bottles and a CTD (SBE911 and SBE9+) equipped with a SBE-43 was deployed.

For the analyses of macro-nutrients, samples were taken in all the 78 stations from the SSSR. For BSi and POC/PON measurements, samples were collected from the SSSR at all Large, XLarge and Super stations.

**2 Analytical procedures**

**2.1. Macro-nutrients**

2.1.1. Apparatus and analysis protocols

Analyses for nitrite and nitrate concentrations were conducted on unfiltered samples directly aboard the R.V. *Pourquoi Pas?*. Unfiltered samples were stored in 15 mL plastic tubes at +5°C, for analyses of silicic acid concentrations at the LEMAR laboratory.

For the measurements of the macro-nutrients concentrations in the GEOVIDE samples, a SEAL AutoAnalyzer II continuous flow analyzer (CFA) were used aboard the R.V. *Pourquoi Pas?*, and a SEAL AutoAnalyzer III at the LEMAR laboratory in Brest, following the protocols described by Aminot & Kerouel (2007) and using very high purity reagents. Deionized (“Millipore”) water was run through the CFA to determine the optical base line of the CFA for the determination of nitrite, nitrate, and silicic acid concentration.

Typically, the analysis of the samples of a given station was performed successively, running through the CFA: (i) a set of subsamples of standard solutions (cf. 2.1.2.), (ii) duplicates of samples of the station, and (iii) a set of subsamples of standard solutions and then 5- to correct from CFA refraction signal, all the samples were then re-run through the CFA channels, according to Aminot and Kerouel (2007).

For the GEOVIDE cruise, the repeatability between samples was better than 0.003  $\mu\text{M}$  for nitrite, better than 0.02  $\mu\text{M}$  for nitrate, and better than 0.02  $\mu\text{M}$  for silicic acid.

2.1.2. Calibration procedures

According to Aminot and Kerouel (2007) artificial seawater was used for the preparation of calibration standards. All the volumetric glass- and plastic ware used were gravimetrically calibrated at the temperature of the laboratory (about 20°C). All volumetric flasks used were Class A+. All pipets used have a nominal calibration tolerance of 0.1% or better.

Eight seawater standards were made for each parameters: For nitrite, between 0 and 2  $\mu\text{M}$ ; for nitrate, between 0 and 25  $\mu\text{M}$ ; and for silicic acid between 0 and 60  $\mu\text{M}$  for deep stations and between 0 and 25  $\mu\text{M}$  for shallow stations.

Calibration equations was strictly linear for nitrite and nitrate. Calibration was second order polynomial for silicic acid in the 0-60  $\mu\text{M}$  range.

### 2.1.3. Certification of the measurements

To certify the GEOVIDE primary standard solutions of nitrite, nitrate, and silicic acid used aboard the R.V. *Pourquoi Pas?*, triplicates of KANSO international standards (refs: CA, CD, BZ and BW certified standards; KANSO, the general Environmental Technos Co., Ltd, Laboratory for Instrumentation analysis, 3-1-1, Higashikuraji, Katano, Osaka, 576-0061 Japan) were analyzed using the LEMAR CFA analyzer.

Table 1. Concentrations of KANSO standard solutions measured using the LEMAR AutoAnalyzer III compared to KANSO certified concentrations ( $\mu\text{M}$ ).

	KANSO measured		KANSO certified	
	Concentrations	Uncertainty	Concentrations	Uncertainty
Nitrite	0.028	0.001	0.018	0.004
	0.071	0.001	0.065	0.010
	0.075	0.001	0.069	0.010
Nitrate	5.45	0.01	5.63	0.05
	19.48	0.04	20.13	0.15
	24.4	0.04	25.18	0.20
Silicic acid	14.23	0.03	14.26	0.10
	39.96	0.03	37.46	0.23
	60.31	0.03	61.46	0.43

Table 1 shows that, in the range of the concentrations measured during the GEOVIDE cruise (nitrite: 0-1  $\mu\text{M}$ ; nitrate: 0-25  $\mu\text{M}$ ; silicic acid 0-60  $\mu\text{M}$ ), the KANSO measured concentrations were significantly different from the KANSO certified values. Plotting measured vs. certified concentrations of nitrite, nitrate and silicic acid given in Table 1, linear regression equations were calculated. The measured concentrations of the GEOVIDE samples were corrected, consequently.

### 2.1.4. Accuracy of the GEOVIDE measurements:

Concentrations of nutrients ( $\mu\text{mol L}^{-1}$ ) are given with an accuracy of  $\pm 0.01$  for nitrite,  $\pm 0.1$  for nitrate and  $\pm 0.2$  silicic acid.

Nominally, the accuracy of the silicic acid concentrations should be  $\pm 0.1 \mu\text{mol L}^{-1}$ . However, given the potential interference of biogenic silica in unfiltered samples (concentrations  $< 0.1 \mu\text{M}$  in the deep and bottom waters), we estimated the accuracy to be  $\pm 0.2 \mu\text{M}$  for silicic acid.

## 2.2. Biogenic Silica

Biogenic silica (BSi) was determined from 2.3 L seawater samples filtered onto polycarbonate filters (0.6 µm pore size, diameter 47 mm) immediately after sampling. Filters were dried at 60 °C and stored for further analysis. BSi concentrations were analysed following Ragueneau et al. (2005). Briefly, a double wet-alkaline digestion is carried out where the filter sample is submitted to a first digestion (0.2M NaOH, pH 13.3) at 100 °C for 40 min. At the end of this first leach, all the BSi and part of the LSi have been converted into Si(OH)<sub>4</sub>. Si and Al concentrations ([Si]<sub>1</sub> and [Al]<sub>1</sub>) in the supernatant are analyzed. After rinsing and drying, the filter is submitted to a second digestion, exactly identical to the first one, leading to the determination of the (Si:Al)<sub>2</sub> ratio that is characteristic of the silicate minerals present in the sample. The corrected BSi concentration is thus given by:

$$[\text{BSi}] = [\text{Si}]_1 - [\text{Al}]_1 \times (\text{Si:Al})_2.$$

The detection limit is lower than 1.5 nmol of BSi present on the filter and the uncertainty is close to 10%.

## 2.3. Particulate organic carbon and nitrogen

Samples for concentrations of POC and PON were determined from 1.2 L seawater samples filtered onto pre-combusted glass fibre filters (Whatman GF/F, 25 mm diameter), rinsed with deionized, distilled water to remove salts, and then dried at 60°C.

POC and PON samples were analysed after fuming of the filter with concentrated HCl for 4 h in a dessicator and drying at 60 °C in an oven (decarbonation step) (Lorrain et al., 2003). POC and PON were measured using a Flash 2000 Organic Elemental Analyzer Thermo Scientific.

## References

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Supplementary material 2: Concentrations of macro-nutrients (nitrate, NO<sub>3</sub>; nitrite, NO<sub>2</sub>; and silicic acid, Si(OH)<sub>4</sub>), biogenic silica (BSi), and particulate organic carbon and nitrogen (POC and PON) during the GOEVIDE cruise

Station #	Cast #	Latitude (°N)	Longitude (°E)	Date (dd/mm/yy)	Pressure (dbar)	NO <sub>3</sub> (μmol L <sup>-1</sup> )	NO <sub>2</sub> (μmol L <sup>-1</sup> )	Si(OH) <sub>4</sub> (μmol L <sup>-1</sup> )	BSi (μmol L <sup>-1</sup> )	PON (μmol L <sup>-1</sup> )	POC (μmol L <sup>-1</sup> )
1	1	40.333	-10.036	18/05/2014	3581	19.15	0.00	41.72	0.02		
					3250	18.86	0.00	39.21			
					3000	18.49	0.00	36.05	0.01		
					2500	17.69	0.00	28.61	0.01		
					2001	16.49	0.00	18.87	0.01		
					1800	16.04	0.00	15.19			
					1600	15.62	0.00	13.20			
					1401	14.98	0.00	11.02			
					1201	14.30	0.00	9.67			
					1001	13.93	0.00	8.81	0.02		
					901	13.77	0.00	8.45			
					800	13.54	0.00	7.95			
					701	13.48	0.00	7.42			
					600	13.77	0.00	7.28			
					501	13.28	0.00	6.34	0.03		
					402	11.55	0.00	4.69			
					300	9.95	0.00	3.58	0.04		
					201	7.84	0.00	2.72	0.05		
					149	6.78	0.00	2.17			
					99	6.02	0.00	1.88	0.06		
					60	4.54	0.00	1.09	0.09		
					37	0.97	0.00	0.55			
					16	0.04	0.00	0.87	0.06		
3	0.05	0.00	0.90	0.05							
1	3	40.333	-10.036	19/05/2014	202					0.17	1.24
					170					0.15	1.35
					142					0.16	0.99
					110					0.20	2.00
					84					0.32	2.01
					65					0.54	3.30
					48					1.33	6.82
					48						
					48						
					34					0.88	5.29
					34						
					34						
					25					0.79	5.05
					25						
					17					0.82	5.00
					17						
					11					0.81	4.85
6					0.72	4.76					
6											
6											
2	1	40.333	-9.459	20/05/2014	142	8.25	0.06	3.73	0.11		
					142					0.50	4.70
					142						
					121				0.07	0.20	1.39
					99	5.85	0.03	1.49	0.06		
					99					0.20	1.71
					86						
					85				0.08		
					77					0.25	2.40
					39						
					40						
					34	1.06	0.12	0.37	0.08		
					34					1.10	6.72
					31						
31											
26					0.07	0.97	6.44				
11	0.05	0.02	0.93	0.03							
11					0.69	5.08					
11											
7					0.06						
7											
6											
7						0.63	5.45				
3	1	40.333	-9.643	21/05/2014	426	13.19	0.05	5.02			
					300	11.63	0.04	3.93			
					201	9.11	0.04	2.72			
					150	7.19	0.04	2.09			
					99	6.12	0.04	1.69			
					60	4.48	0.13	1.07			
					4	0.10	0.03	1.09			
					808	15.24	0.01	7.70			
4	1	40.333	-9.766	21/05/2014	808	15.36	0.02	7.17			
					700	15.37	0.02	7.38			
					700	15.49	0.02	6.87			
					600	14.95	0.02	5.99			
					501	12.38	0.02	3.98			
					400	11.36	0.02	3.43			

					300	9.17	0.02	2.74			
					199				0.06	0.19	2.03
					199						
					199	7.79	0.03	2.24			
					149				0.05	0.19	1.82
					149	6.57	0.03	1.74			
					100				0.07	0.23	1.95
					36	1.06	0.26	0.31	0.06	0.97	6.52
					8	0.03	0.01	0.85	0.07	0.81	6.77
5	1	40.333	-9.802	21/05/2014	1399	17.36	0.01	10.86			
					1124	15.94	0.01	8.55			
					1000	15.85	0.01	8.30			
					899	15.51	0.01	7.77			
					799	15.31	0.01	7.23			
					701	15.57	0.01	7.09			
					600	15.56	0.01	6.70			
					500	14.62	0.01	5.51			
					400	12.90	0.02	4.10			
					302	11.65	0.02	3.40			
					201	9.18	0.02	2.66			
					150	7.98	0.02	2.20			
					100	6.87	0.02	1.83			
					42	2.39	0.36	0.50			
6	1	40.333	-9.876	21/05/2014	2489	20.67	0.00	27.41			
					2250	19.74	0.00	22.24			
					2001	19.13	0.00	17.85			
					1800	18.67	0.00	14.83			
					1600	17.70	0.01	12.44			
					1401	17.08	0.00	10.65			
					1202	16.09	0.01	9.29			
					1000	15.55	0.01	8.31			
					900	15.26	0.00	7.88			
					801	15.07	0.00	7.33			
					701	15.13	0.00	7.14			
					601	15.38	0.01	6.91			
					500	14.84	0.01	5.91			
					401	13.18	0.02	4.52			
					299	11.53	0.02	3.55			
					201	9.19	0.02	2.67			
					151	7.37	0.02	2.12			
					99	6.31	0.03	1.70			
					40	0.10	0.02	0.22			
					6		0.00	0.55			
7	1	40.333	-9.944	22/05/2014	3426	22.25	0.00	40.63			
					3250	22.04	0.00	39.04			
					3001	21.74	0.00	36.24			
					2749	21.37	0.00	33.04			
					2499	20.72	0.00	27.60			
					2249	20.01	0.00	23.94			
					2001	19.35	0.00	19.17			
					1800	18.90	0.00	15.97			
					1599	18.17	0.00	13.03			
					1400	17.18	0.00	11.11			
					1199	16.70	0.00	9.67			
					999	15.63	0.00	8.42			
					899	15.38	0.00	7.96			
					800	15.11	0.01	7.51			
					700	15.01	0.00	7.10			
					600	15.59	0.00	6.93			
					500	15.07	0.00	5.90			
					399	13.15	0.02	4.38			
					300	11.55	0.02	3.57			
					199	9.48	0.02	2.80			
					142	7.59	0.02	2.07			
					99	6.38	0.03	1.57			
					33		0.03	0.22			
					5		0.00	0.56			
8	1	40.333	-10.036	22/05/2014	3560	22.53	0.03	42.15			
					3249	21.88	0.03	36.84			
					3001	21.81	0.03	35.69			
					2751	21.23	0.03	31.90			
					2505	20.59	0.03	27.28			
					2253	19.87	0.03	22.66			
					2002	19.15	0.03	17.70			
					1802			15.30			
					1602			12.85			
					1404	16.07	0.03	10.55			
					1053	15.74	0.03	9.00			
					1000	16.46	0.04	8.54			
					902	16.41	0.03	8.24			
					804	15.94	0.03	7.82			
					704	15.90	0.03	7.32			
					603	15.97	0.03	6.90			
					502	14.63	0.04	5.59			
					401	12.83	0.04	4.29			
					302	11.72	0.05	3.62			
					200	9.49	0.05	2.77			
					150	7.72	0.04	2.17			
					101	6.33	0.05	1.57			
					39	0.13	0.08	0.33			
					5		0.03	0.63			

9	1	40.333	-10.577	22/05/2014	4416	23.09	0.00	45.90								
					4001	22.76	0.00	44.18								
					3499	22.38	0.00	40.81								
					2998	21.62	0.00	34.48								
					2500	20.21	0.00	25.04								
					2249	19.10	0.03	20.44								
					2000	18.77	0.03	16.64								
					1800	18.28	0.03	14.01								
					1600	16.94	0.03	13.16								
					1402	16.61	0.03	10.71								
					1184	16.74	0.03	9.51								
					1100	16.64	0.03	9.21								
					1001	16.17	0.03	8.86								
					900	16.29	0.03	8.22								
					799	15.73	0.03	7.92								
					701	14.41	0.03	7.15								
					601	15.43	0.03	6.50								
					499	12.49	0.03	5.25								
					400	9.41	0.04	4.04								
					298	7.00	0.04	2.79								
					200	5.55	0.12	2.01								
					100	3.10	0.20	1.57								
					42		0.14	1.07								
					5		0.03	0.26								
					10	1	40.333	-11.340	22/05/2014	5185	23.02	0.00	46.39			
4501	22.90	0.00	45.61													
3999	22.74	0.00	44.00													
3499	22.26	0.00	40.46													
3251	21.81	0.00	37.21													
2999	21.44	0.00	34.43													
2498	20.79	0.00	28.63													
2248	19.92	0.00	23.08													
2000	19.21	0.00	18.31													
1800	18.69	0.00	15.10													
1597	18.39	0.00	13.38													
1400	17.61	0.00	11.49													
1200	16.62	0.00	9.86													
998	16.67	0.00	9.23													
901	16.65	0.00	8.78													
799	16.44	0.00	8.29													
600	16.17	0.00	7.23													
500	15.38	0.00	6.14													
399	13.33	0.00	4.50													
300	11.53	0.00	3.52													
201	8.95	0.00	2.54													
100	5.47	0.01	1.40													
52	1.87	0.12	0.50													
11	1	40.332	-12.219	23/05/2014						5349	23.03	0.00	46.69			
										5000	22.94	0.00	46.09			
					4501	22.91	0.00	46.13								
					3999	22.70	0.00	44.10								
					3500	22.04	0.00	39.15								
					2999	21.51	0.00	35.16								
					2499	20.36	0.00	26.17								
					2250	19.80	0.00	22.34								
					1999	19.04	0.00	17.30								
					1800	18.62	0.00	14.94								
					1601	18.41	0.00	12.74								
					1400	17.80	0.00	11.40								
					1199	17.06	0.00	9.95								
					1000	17.34	0.00	9.48								
					800	17.61	0.00	8.90								
					699	17.82	0.00	8.46								
					600	15.95	0.00	6.51								
					500	14.19	0.00	5.15								
					401	12.61	0.00	3.95								
					300	10.85	0.01	3.23								
					200	7.57	0.01	2.07								
					100	6.56	0.01	1.80								
					60	5.62	0.04	1.42								
					6		0.00	0.10								
					11	3	40.332	-12.219	23/05/2014	200			0.03	0.19	1.90	
150			0.03	0.18						2.10						
100			0.04	0.20						1.97						
84			0.03	0.26						2.35						
75			0.07	0.31						3.16						
66			0.06	0.40						3.00						
54			0.07	0.70						4.73						
44			0.10	0.93						5.75						
34			0.12	1.42						8.91						
25			0.02	1.04						7.32						
15			0.02	0.74						6.52						
9			0.02	0.69						5.59						
12	1	40.787	-13.100	23/05/2014	5431	23.49	0.00	46.58								
					5000	23.52	0.00	46.59								
					4499	23.47	0.00	45.75								
					4001	23.04	0.00	43.05								
					3500	22.40	0.00	38.50								
					2999	21.68	0.00	33.33								
					2500	20.63	0.00	24.77								
					2251	19.68	0.01	19.45								

					1999	19.16	0.01	15.56			
					1800	18.99	0.01	14.20			
					1601	18.77	0.01	12.24			
					1399	18.19	0.01	11.08			
					1200	17.34	0.02	9.67			
					999	17.10	0.02	8.94			
					801	17.11	0.01	8.03			
					699	17.54	0.02	7.89			
					501	12.57	0.02	4.03			
					400	10.93	0.02	3.25			
					301	8.85	0.01	2.47			
					200	7.79	0.02	2.13			
					101	6.68	0.02	1.83			
					66	5.66	0.04	1.55			
					5	0.06	0.00	0.40			
13	1	41.383	-13.888	24/05/2014	5440	23.31	0.00	47.00			
					4999	23.33	0.00	46.51	0.06		
					4500	23.23	0.00	45.81			
					4001	22.98	0.00	43.43	0.01		
					3499	22.28	0.00	39.11			
					3001	21.45	0.00	33.31	0.01		
					2500	20.15	0.00	23.83	0.01		
					2250	19.70	0.00	20.19			
					2000	19.11	0.00	16.33	0.01		
					1750	18.82	0.00	13.08			
					1500	18.58	0.00	11.88			
					1251	18.00	0.00	10.65			
					1000	18.88	0.00	10.32	0.01		
					799	18.36	0.00	8.69			
					700	17.29	0.01	7.52			
					600	13.89	0.01	5.04			
					499	11.62	0.00	3.70			
					400	9.68	0.02	2.96	0.04		
					300	10.29	0.01	3.10	0.03		
					201	7.85	0.02	2.26	0.04		
					100	6.79	0.02	1.83	0.07		
					49	2.93	0.30	0.95	0.05		
					30	0.70	0.06	0.67	0.10		
					4	0.05	0.01	0.53			
13	3	41.383	-13.888	24/05/2014	180				0.03	0.22	2.31
					160				0.05	0.18	2.38
					140				0.04	0.17	2.46
					116				0.05	0.18	2.85
					99					0.24	2.49
					80				0.08	0.37	4.19
					58					0.68	4.34
					35					1.25	7.04
					15				0.19	1.91	10.81
					10					1.62	9.56
					5				0.08	1.34	9.13
14	1	41.983	-14.673	27/05/2014	5425	23.57	0.01	46.52			
					4999	23.21	0.01	44.93			
					4497	23.47	0.01	45.41			
					4000	23.18	0.00	43.10			
					3500	22.28	0.01	37.60			
					3001	21.45	0.00	31.98			
					2498	20.00	0.00	21.96			
					2202	19.52	0.00	17.67			
					2000	19.22	0.00	15.20			
					1800	18.96	0.00	13.31			
					1601	18.85	0.00	12.45			
					1401	18.51	0.00	12.40			
					1200	17.90	0.00	10.33			
					1000	17.74	0.00	9.28			
					799	18.42	0.00	8.92			
					700	17.31	0.01	7.69			
					600	14.72	0.00	5.56			
					500	12.28	0.01	4.03			
					400	10.91	0.01	3.40			
					301	9.51	0.01	2.74			
					199	8.88	0.01	2.55			
					100	8.37	0.02	2.35			
					39	3.22	0.13				
					5	0.82	0.07	0.49			
15	1	42.581	-15.461	28/05/2014	5148	23.50	0.00	46.68			
					4999	23.39	0.00	45.77			
					4500	23.42	0.00	45.94			
					4000	23.18	0.00	43.88			
					3499	22.41	0.00	39.16			
					3000	21.85	0.00	35.01			
					2500	20.35	0.00	25.19			
					2250	19.32	0.00	19.02			
					2000	18.87	0.00	14.88			
					1799	18.93	0.00	13.98			
					1599	18.65	0.00	11.73			
					1399	18.59	0.01	11.66			
					1199	17.99	0.00	10.49			
					996	18.48	0.01	10.02			
					799	17.89	0.01	8.92			
					700	17.44	0.01	8.10			
					601	15.43	0.01	6.26			



					500	13.92	0.01	4.95				
					400	11.32	0.01	3.46				
					300	11.45	0.00	3.57				
					200	8.97	0.00	2.71				
					100	8.35	0.01	2.48				
					51	5.44	0.62	1.80				
					4	0.86	0.08	0.38				
15	3	42.581	-15.461	28/05/2014	204				0.04	0.21	3.15	
					143				0.03	0.19	2.30	
					101				0.09	0.38	2.90	
					80				0.09	0.79	6.19	
					66				0.08	0.87	5.35	
					60				0.09	0.94	6.30	
					50				0.16	1.14	6.57	
					40				0.15	1.09	6.83	
					30				0.19	1.32	7.86	
					20				0.23	1.81	10.65	
					10				0.25	1.59	9.44	
					2				0.22	1.34	8.32	
16	1	43.181	-16.245	28/05/2014	5212	23.28	0.03	46.35				
					5000	23.27	0.01	46.21				
					4498	23.29	0.00	46.21				
					3999	23.06	0.00	43.95				
					3495	22.34	0.00	39.45				
					3000	21.29	0.00	32.79				
					2500	19.69	0.02	22.77				
					2250	19.05	0.00	17.32				
					2000	18.68	0.01	14.12				
					1800	18.61	0.00	12.87				
					1600	18.65	0.01	11.96				
					1401	18.65	0.01	11.17				
					1200	18.36	0.00	10.89				
					1001	18.15	0.00	9.97				
					800	17.46	0.00	8.76				
					700	16.58	0.00	7.66				
					600	16.10	0.00	6.91				
					499	13.69	0.01	5.06				
					400	12.08	0.01	3.98				
					301	10.32	0.00	3.15				
					200	9.28	0.02	2.79				
					101	7.80	0.04	2.13				
					40	3.40	0.00	0.87				
					5	0.55	0.09	0.06				
17	1	43.780	-17.032	29/05/2014	4063	22.80	0.01	43.11				
					3499	21.96	0.00	38.07				
					3250	21.25	0.00	34.01				
					2999	20.52	0.00	29.07				
					2501	19.12	0.00	19.85				
					2250	18.64	0.00	15.66				
					1999	18.50	0.00	13.07				
					1799	18.44	0.00	11.96				
					1600	18.42	0.00	11.29				
					1401	18.56	0.00	11.06				
					1201	18.48	0.00	10.73				
					1201	18.44	0.01	10.66				
					998	18.52	0.00	10.20				
					900	18.81	0.01	9.92				
					797	18.25	0.01	9.05				
					699	16.52	0.01	7.53				
					600	15.79	0.01	6.55				
					500	12.96	0.02	4.67				
					401	11.18	0.01	3.74				
					301	10.34	0.01	3.16				
					201	9.37	0.01	2.82				
					101	8.42	0.02	2.43				
					20	1.89	0.16	0.86				
					4	1.68	0.09	0.87				
17	3	43.780	-17.031	29/05/2014	200				0.03	0.15	4.22	
					150				0.04	0.16	3.89	
					100				0.07	0.21	2.95	
					81				0.09	0.22	3.05	
					69				0.09	0.30	3.16	
					60				0.08	0.31	2.87	
					50				0.06	0.63	4.25	
					40				0.04	0.82	4.88	
					30				0.09	0.92	5.66	
					20				0.16	1.56	8.99	
					10				0.17	1.42	8.26	
					5				0.12	1.09	6.53	
18	1	44.377	-17.817	30/05/2014	4500	23.22	0.00	44.88				
					4005	23.00	0.00	43.22				
					3504	21.67	0.00	35.62				
					3251	21.28	0.00	33.09				
					3001	20.78	0.00	29.71				
					2501	19.13	0.01	19.10				
					2251	19.01	0.01	16.73				
					2002	18.74	0.00	13.64				
					1801	18.60	0.00	11.98				
					1602	18.67	0.00	11.54				
					1401	18.67	0.00	11.11				
					1200	18.71	0.00	10.37				

					1000	18.01	0.00	9.37				
					800	16.65	0.01	7.42				
					600	12.19	0.01	4.09				
					500	11.57	0.01	3.52				
					400	9.55	0.01	2.95				
					300	8.76	0.01	2.60				
					200	8.39	0.02	2.47				
					100	8.01	0.03	2.07				
					40	1.93	0.60	1.14				
19	1	45.051	-18.505	30/05/2014	4657	22.99	0.00	44.73				
					4501	22.95	0.00	44.30				
					4000	22.74	0.00	43.15				
					3500	22.01	0.00	38.31				
					3249	21.16	0.00	33.23				
					3000	20.49	0.00	28.72				
					2500	18.39	0.00	16.70				
					2250	18.18	0.00	13.84				
					2000	18.21	0.00	12.20				
					1801	18.32	0.00	11.73				
					1600	18.36	0.00	11.33				
					1400	18.47	0.00	10.83				
					1201	18.62	0.02	10.83				
					1000	18.83	0.05	10.31				
					900	18.90	0.04	10.10				
					800	18.53	0.01	9.33				
					600	14.12	0.01	5.71				
					500	11.94	0.01	4.22				
					400	10.50	0.01	3.59				
					300	9.78	0.01	3.29				
					199	9.50	0.01	3.19				
					99	8.42	0.03	2.69				
					40	1.60	0.15	1.26				
					3	1.09	0.10	1.00				
19	3	45.051	-18.505	30/05/2014	200				0.05	0.20	2.08	
					149				0.07	0.27	2.72	
					100				0.07	0.34	3.08	
					83				0.07	0.35	2.66	
					70				0.08	0.32	2.54	
					61				0.07	0.37	4.71	
					50				0.07	0.66	4.61	
					39				0.08	0.86	5.17	
					29				0.09	1.28	9.27	
					20				0.13	1.64	10.98	
					10				0.22	1.55	10.41	
					5				0.19	1.00	6.63	
20	1	45.794	-19.091	31/05/2014	4588	22.98	0.00	53.58				
					4501	22.95	0.00	45.01				
					4250	22.87	0.00	44.06				
					4000	22.76	0.00	43.09				
					3500	21.76	0.00	37.71				
					3251	21.16	0.00	34.05				
					3000	20.20	0.00	28.56				
					2500	18.77	0.00	25.53				
					2250	18.52	0.00	15.76				
					1999	18.33	0.00	13.17				
					1800	18.30	0.00	12.16				
					1600	18.35	0.00	11.43				
					1400	18.36	0.00	11.15				
					1201	18.63	0.00	10.89				
					1000	18.65	0.01	10.84				
					802	18.69	0.01	10.20				
					600	19.05	0.01	9.72				
					499	17.35	0.01	7.89				
					400	14.94	0.01	6.40				
					297	13.36	0.01	11.80				
					200	12.30	0.01	12.04				
					100	10.42	0.02	3.84				
					40	1.79	0.15	1.01				
					4	0.02	0.00	0.28				
21	1	46.544	-19.672	31/05/2014	4607	23.26	0.00	45.61				
					4500	22.91	0.00	43.68	0.02			
					3999	22.80	0.00	43.11	0.02			
					3499	21.76	0.00	37.02				
					2999	19.36	0.00	23.76	0.01			
					2500	18.51	0.00	15.92				
					2300	18.27	0.00	13.34				
					2000	18.34	0.00	12.17	0.01			
					1750	18.35	0.00	11.44				
					1500	18.44	0.00	10.93				
					1251	18.80	0.00	11.01				
					1000	19.21	0.00	10.77	0.03			
					800	19.46	0.00	10.05				
					800							
					699	17.39	0.00	8.03				
					600	12.14	0.01	4.59				
					500	11.36	0.00	4.07	0.06			
					398	12.35	0.01	4.54				
					300	10.16	0.01	3.60				
					197	9.78	0.01	3.39				
					150	9.29	0.01	3.22				
					100	8.60	0.04	2.89				

					39	4.37	0.15	1.62			
					2	0.86	0.09	0.40			
21	3	46.544	-19.672	31/05/2014	200				0.07	0.28	2.14
					150				0.07	0.38	3.11
					100				0.12	0.36	3.09
					80				0.16	0.64	3.84
					60				0.29	0.55	4.07
					50				0.34	0.68	4.19
					40					0.90	5.47
					30				0.84	1.46	8.58
					25				1.46	2.11	12.79
					18				1.19	3.09	17.98
					10				0.54	3.23	21.85
					5				0.50	3.05	21.55
22	1	47.290	-20.262	02/06/2014	4585	23.11	0.01	45.14			
					3999	22.65	0.00	42.45			
					3501	22.05	0.00	38.77			
					3249	21.26	0.00	34.16			
					2999	19.69	0.00	25.91			
					2751	19.14	0.00	21.99			
					2501	18.22	0.00	15.66			
					2250	18.07	0.00	13.27			
					2001	18.09	0.00	12.95			
					1799	18.14	0.00	11.44			
					1601	18.13	0.00	10.62			
					1399	18.22	0.00	10.31			
					1200	18.72	0.00	10.69			
					1000	19.04	0.00	10.76			
					901	19.26	0.00	10.59			
					801	19.47	0.00	10.43			
					600	16.38	0.00	7.40			
					500	13.61	0.00	5.36			
					400	12.79	0.01	4.72			
					300	11.63	0.01	4.18			
					201	10.02	0.00	3.42			
					102	8.84	0.00	2.89			
					40	2.43		1.91			
					5	0.78	0.02	0.36			
23	1	48.039	-20.847	02/06/2014	4529	22.75	0.29	45.05			
					4000	21.18	0.30	37.23			
					3500	21.30	0.32	37.20			
					3250	20.26	0.28	30.85			
					3000	18.74	0.29	23.05			
					2751	18.25	0.29	19.16			
					2500	17.88	0.28	15.22			
					2250	17.76	0.27	13.14			
					2000	17.99	0.24	11.82			
					1800	17.89	0.25	11.11			
					1600	17.96	0.25	10.71			
					1400	18.13	0.24	10.55			
					1200	18.73	0.01	10.47			
					1000	19.35	0.01	10.82			
					900	19.66	0.01	10.76			
					800	19.68	0.05	10.18			
					601	11.63	0.02	4.46			
					500	11.21	0.02	4.01			
					400	11.33	0.02	4.16			
					301	9.90	0.02	3.40			
					200	9.56	0.02	3.34			
					101	8.56	0.04	2.82			
					20	1.72	0.16	0.43			
					5	1.67	0.15	0.19			
23	3	48.042	-20.847	02/06/2014	200				0.08	1.06	2.25
					150				0.12	1.29	3.40
					100				0.19	1.26	2.65
					84				0.33	2.58	4.29
					75				0.38	1.60	3.74
					66				0.50	1.78	4.55
					54				0.37	2.11	4.87
					44				0.44	2.36	6.38
					34				0.62	2.42	7.41
					25				0.57	3.43	14.54
					15				0.22	4.47	21.11
					9				0.33	5.13	23.51
24	1	48.785	-21.432	03/06/2014	4134	22.67	0.04	44.23			
					3749	21.93	0.07	40.75			
					3499	21.61	0.08	38.33			
					3251	20.55	0.07	32.42			
					3001	19.80	0.05	27.83			
					2751	18.38	0.03	19.95			
					2500	17.67	0.02	14.95			
					2250	17.67	0.01	12.84			
					2000	17.82	0.02	12.12			
					1799	17.93	0.04	11.60			
					1599	17.82	0.07	10.72			
					1400	17.80	0.10	10.32			
					1200	18.18	0.12	10.52			
					1001	18.58	0.10	10.78			
					900	18.72	0.08	10.76			
					800	18.99	0.06	10.65			
					600	17.58	0.04	8.64			

					500	13.83	0.05	5.95				
					399	11.83	0.06	4.69				
					300	11.57	0.05	4.57				
					200	11.38	0.04	4.39				
					100	10.83	0.05	3.97				
					40	5.02	0.21	2.09				
					6	3.07	0.14	1.39				
25	1	49.529	-22.017	03/06/2014	4272	22.55	0.00	44.02				
					4000	22.12	0.00	41.77				
					3501	20.48	0.00	32.93				
					3249	19.29	0.00	26.33				
					2999	18.45	0.00	20.85				
					2750	18.14	0.00	17.73				
					2500	17.57	0.00	13.48				
					2250	17.78	0.00	12.73				
					1999	17.84	0.00	11.79				
					1800	17.73	0.00	11.04				
					1601	17.68	0.00	10.57				
					1400	17.72	0.00	10.14				
					1200	18.03	0.00	10.07				
					1001	18.63	0.00	10.45				
					899	19.28	0.00	11.00				
					799	19.76	0.00	11.08				
					600	16.68	0.01	8.27				
					500	16.72	0.01	5.68				
					400	11.85	0.02	4.75				
					299	10.98	0.02	4.05				
					199	10.79	0.03	3.88				
					100	9.39	0.04	3.18				
					15	3.90	0.20	1.04				
					8	3.86	0.20	1.17				
25	3	49.529	-22.017	03/06/2014	200				0.11	0.25	2.18	
					150				0.17	0.32	2.59	
					101				0.32	0.39	2.40	
					80				0.44	0.49	3.77	
					70				0.48	0.49	3.17	
					60				0.40	0.50	3.62	
					50				0.45	0.68	3.63	
					40				0.51	1.15	6.94	
					30				0.53	2.26	15.36	
					20				0.53	2.49	16.86	
					9				0.55	1.94	12.69	
					4				0.56	2.20	14.33	
26	1	50.278	-22.602	04/06/2014	4192	22.33	0.00	43.86				
					3500	20.44	0.00	33.42				
					3251	19.69	0.00	29.41				
					2999	18.48	0.00	23.13	0.04			
					2749	17.65	0.00	17.54				
					2499	17.42	0.00	14.65				
					2300	17.40	0.00	13.14				
					1998	17.62	0.00	12.29	0.04			
					1800	17.68	0.00	11.72				
					1600	17.70	0.00	11.06				
					1400	17.63	0.00	10.56	0.04			
					1200	17.66	0.00					
					999	17.87	0.00	10.11	0.06			
					899	18.09	0.00	10.47				
					750	18.40	0.01	10.75				
					600	19.37	0.01	11.14				
					501	19.70	0.01	11.26	0.11			
					400	16.57	0.02	8.43				
					300	13.93	0.02	6.47				
					200	13.42	0.06	5.90				
					150	12.88		5.13				
					100	11.49		4.03				
					35	6.33	0.55	1.19				
					4	6.05	0.53	1.13				
26	7	50.278	-22.605	05/06/2014	200				0.12	0.26	3.09	
					150				0.02	0.36	2.11	
					100				0.27	0.32	2.41	
					85				0.45	0.35	3.41	
					70				0.76	0.53	3.56	
					60				1.10	0.67	5.47	
					50				1.19	1.04	6.02	
					45				2.04	1.17	7.59	
					35				1.09	1.70	10.11	
					25				0.54	3.43	20.25	
					10				0.86	3.96	22.70	
					7				0.74	3.15	18.10	
27	1	51.030	-23.191	05/06/2014	3989	22.42	0.01	43.02				
					3751	22.09	0.01	41.21				
					3501	21.28	0.01	36.84				
					3251	19.93	0.00	29.83				
					3000	18.64	0.00	22.60				
					2750	17.90	0.00	18.03				
					2500	17.73	0.00	14.97				
					2250	17.76	0.00	13.69				
					2000	17.81	0.00	12.20				
					1800	17.88	0.00	11.71				
					1600	17.92	0.00	11.22				
					1400	17.86	0.00	10.55				

					1199	17.81	0.01	10.10				
					1000	17.86	0.01	9.94				
					850	18.51	0.01	10.53				
					701	18.70	0.01	10.49				
					600	19.05	0.01	10.81				
					500	19.58	0.01	11.01				
					400	18.77	0.01	10.06				
					301	15.18	0.02	7.14				
					200	14.81	0.01	6.75				
					101	12.24	0.23	4.65				
					40	7.29	0.16	1.36				
					3	5.53	0.14	1.00				
28	1	52.025	-23.973	05/06/2014	3924	22.11	0.04	42.07				
					3749	21.72	0.04	40.49				
					3500	20.88	0.04	35.64				
					3249	19.78	0.04	29.69				
					3000	18.56	0.00	22.50				
					2750	17.83	0.00	17.53				
					2501	17.69	0.00	14.53				
					2250	17.78	0.00	13.36				
					1999	17.82	0.04	12.24				
					1800	17.93	0.04	11.97				
					1601	17.92	0.04	11.26				
					1400	17.88	0.04	10.61				
					1200	17.84	0.00	10.25				
					1000	18.04	0.00	10.12				
					850	18.43	0.00	10.42				
					700	18.96	0.00	10.91				
					599	19.40	0.01	11.05				
					501	19.56	0.01	10.69				
					401	15.69	0.01	7.66				
					300	14.66	0.02	6.68				
					200	13.06	0.02	5.56				
					100	9.29	0.27	2.64				
					39	6.51	0.17	1.17				
					6	6.13	0.16	0.94				
29	1	53.019	-24.752	06/06/2014	3588	20.29	0.01	34.84				
					3251	18.25	0.00	22.94				
					3002	17.71	0.01	19.14				
					2750	17.31	0.01	15.77				
					2499	17.39	0.01	14.69				
					2250	17.43	0.00	13.08				
					2001	17.62	0.00	12.30				
					1801	17.65	0.01	11.84				
					1600	17.65	0.01	11.28				
					1400	17.57	0.01	10.53				
					1200	17.44	0.00	10.07				
					1002	17.33	0.00	9.44				
					900	17.42	0.01	9.51				
					801	17.57	0.00	9.46				
					700	17.77	0.00	9.69				
					600	18.10	0.01	9.97				
					501	18.66	0.01	10.61				
					401	17.36	0.01	9.26				
					299	16.71	0.02	8.83				
					200	15.86	0.13	7.88				
					150	15.25	0.13	7.15				
					100	13.70	0.43	5.55				
					25	8.06	0.17	2.18				
					6	6.96	0.16	1.63				
29	3	53.020	-24.752	06/06/2014	201				0.07	0.28	3.29	
					130				0.12	0.35	2.39	
					100				0.18	0.39	3.86	
					80				0.16	0.54	5.29	
					70				0.15	0.53	4.03	
					60				0.16	0.82	5.65	
					50				0.18	0.79	5.20	
					40				0.20	0.91	6.10	
					30				0.30	1.87	12.04	
					20				0.51	3.61	18.80	
					10				0.42	2.66	15.41	
					5				0.51	2.84	15.33	
30	1	54.015	-25.533	06/06/2014	3106	19.40	0.00	30.09				
					3106	19.40	0.01	30.25				
					2750	18.10	0.01	20.31				
					2501	17.16	0.01	13.80				
					2247	17.22	0.00	12.76				
					2002	17.45	0.00	12.22				
					1801	17.59	0.00	11.72				
					1599	17.77	0.04	11.31				
					1399	17.62	0.04	10.54				
					1203	17.36	0.04	9.80				
					999	17.82	0.04	10.16				
					901	17.68	0.00	10.06				
					801	17.88	0.00	10.04				
					700	17.93	0.01	10.02				
					599	18.41	0.01	10.65				
					500	18.82	0.01	10.91				
					401	18.75	0.01	10.62				
					300	16.77	0.02	8.92				
					199	15.31	0.02	7.68				

					149	12.43	0.32	4.41				
					99	11.58	0.00	3.09				
					40	9.86	0.24	3.34				
					17	7.58	0.17	2.79				
31	1	54.761	-26.122	07/06/2014	3661	19.35	0.01	29.06				
					3501	19.19	0.00	27.38				
					3239	18.08	0.00	20.88				
					3000	17.67	0.00	17.74				
					2752	17.33	0.00	14.68				
					2500	17.31	0.01	13.01				
					2250	17.52	0.01	12.73				
					2002	17.54	0.00	11.82				
					1801	17.76	0.00	11.53				
					1598	17.75	0.00	10.96				
					1399	17.71	0.00	10.36				
					1202	17.58	0.00	9.82				
					999	17.66	0.00	9.71				
					850	18.14	0.00	10.22				
					701	18.47	0.01	10.38				
					600	18.89	0.01	10.51				
					498	19.12	0.01	10.55				
					400	17.88	0.01	9.26				
					301	14.84	0.01	6.88				
					201	13.37	0.03	5.42				
					152	13.65	0.03	5.63				
					101	13.22	0.03	5.18				
					21	6.96	0.17	1.12				
					16	6.70	0.17	1.09				
32	2	55.505	-26.711	07/06/2014	3273	18.50	0.00	25.07				
					3000	18.22	0.00	22.27				
					2799	17.74	0.00	18.31				
					2500	17.46	0.00	14.47				
					2250	17.54	0.00	13.25				
					2000	17.59	0.00	11.93				
					1700	17.73	0.00	11.27				
					1549	17.73	0.00	10.89				
					1399	17.00	0.00	10.50				
					1200	16.86	0.00	9.77				
					1000	17.08	0.00	9.64				
					899	17.75	0.00	9.88				
					801	17.67	0.00	9.76				
					700	17.52	0.00	10.32				
					600	17.66	0.00	10.41				
					501	19.04	0.01	10.76				
					450	19.11	0.01	10.65				
					378	16.53	0.02	8.43				
					300	15.49	0.02	7.54				
					201	13.87	0.03	5.85				
					151	13.76	0.08	5.42				
					100	9.53	0.67	1.95				
					31	9.17	0.27	2.21				
					16	7.09	0.15	1.07				
32	15	55.515	-26.704	09/06/2014	200			0.12	0.32	2.57		
					150			0.13	0.41	3.38		
					100			0.22	0.39	2.83		
					85			0.19	0.49	3.88		
					70			0.14	0.68	4.16		
					55			0.21	0.87	5.20		
					45			0.13	0.91	5.85		
					35			0.28	1.67	9.83		
					25			0.20	3.47	19.69		
					15			0.21	3.37	18.74		
					10			0.25	3.17	17.82		
					4			0.29	2.07	13.42		
33	1	56.252	-27.292	09/06/2014	2680	18.34	0.01	21.53				
					2501	17.86	0.01	17.29				
					2250	17.52	0.01	13.45				
					2001	17.94	0.02	12.33				
					1800	18.08	0.01	12.15				
					1601	18.20	0.01	11.45				
					1400	18.15	0.01	11.06				
					1201	18.13	0.01	10.42				
					1000	18.30	0.02	9.85				
					900	18.54	0.01	10.11				
					801	18.84	0.01					
					801	18.79	0.01	10.44				
					701	19.35	0.01	10.71				
					601	17.53	0.02	8.86				
					501	15.62	0.01	7.06				
					401	14.78	0.02	6.62				
					300	13.42	0.03	5.42				
					201	12.94	0.06	5.22				
					152	13.19	0.08	5.09				
					101	10.99	0.35	2.87				
					50	8.38	0.64	1.30				
					25	5.76	0.15	0.56				
					5	5.63	0.15	0.48				
34	1	57.004	-27.878	09/06/2014	2784	16.89	0.00	17.16				
					2700	17.06	0.00	17.63				
					2500	17.17	0.00	16.30				
					2250	17.15	0.00	13.76				

					2000	17.40	0.00	12.28			
					1800	17.62	0.01	12.10			
					1599	17.87	0.00	11.66			
					1400	17.85	0.00	11.14			
					1200	17.81	0.00	10.52			
					1000	17.94	0.00	10.29			
					850	18.23	0.00	10.39			
					700	18.64	0.00	10.56			
					601	18.88	0.01	10.59			
					449	18.97	0.01	10.42			
					381	17.76	0.01	9.28			
					300	15.30	0.01	6.78			
					200	15.47	0.04	6.90			
					150	14.18	0.07	6.24			
					100	13.25	0.02	5.64			
					27	7.32	0.17	0.93			
					5	6.96	0.11	0.80			
34	3	57.004	-27.879	09/06/2014	199				0.17	0.40	2.73
					150				0.12	0.72	2.24
					100				0.10	0.39	2.56
					80				0.11	0.49	3.73
					69				0.15	0.40	2.20
					60				0.16	0.66	3.96
					50				0.19	0.71	3.72
					40				0.16	0.88	4.60
					30				0.29	1.37	7.67
					20				0.15	1.59	9.61
					10				0.14	2.03	13.22
					4				0.15	2.54	16.18
35	1	57.675	-28.730	10/06/2014	2496	16.44	0.01	15.21			
					2300	16.43	0.00	13.65			
					2101	17.15	0.00	14.28			
					2000	17.22	0.00	13.66			
					1800	17.40	0.00	12.61			
					1600	17.67	0.00	11.90			
					1500	17.78	0.00	11.73			
					1401	17.79	0.00	11.12			
					1300	17.70	0.00	11.19			
					1200	17.67	0.00	10.74			
					1100	17.66	0.00	10.35			
					1001	17.73	0.00	N/A			
					899	17.79	0.00	10.02			
					800	18.04	0.00	10.07			
					700	18.44	0.00	10.23			
					600	18.79	0.00	10.53			
					500	18.56	0.00	10.17			
					400	16.73	0.00	8.15			
					301	14.99	0.01	6.82			
					220	14.71	0.01	6.50			
					149	14.81	0.02	6.61			
					100	14.81	0.03	6.50			
					39	10.49	0.39	2.26			
					5	7.25	0.12	0.23			
36	1	58.207	-29.725	10/06/2014	2244	16.22	0.00	13.26			
					2244						
					2101	16.26	0.00	12.27			
					2100	16.30	0.00	12.39			
					2000	16.39	0.00	12.54			
					1801	16.84	0.00	12.21			
					1600	17.18	0.00	11.70			
					1400	17.46	0.00	11.27			
					1300	17.61	0.00	11.17			
					1200	17.63	0.00	10.86			
					1101	17.65	0.00	10.63			
					1001	17.55	0.00	10.47			
					901	17.72	0.01	10.39			
					800	17.84	0.00	10.33			
					700	18.25	0.00	10.42			
					600	18.42	0.00	10.49			
					500	18.55	0.01	10.50			
					401	17.04	0.01	8.63			
					301	14.87	0.01	6.88			
					200	15.01	0.02	6.86			
					150	14.83	0.02	6.75			
					100	14.37	0.21	6.60			
					20	7.89	0.16	0.70			
					5	7.46	0.14	0.41			
37	1	58.406	-30.095	10/06/2014	1597	16.75	0.00	11.20			
					1500	16.83	0.00	11.16			
					1400	16.90	0.00	10.98			
					1300	16.92	0.01	10.99			
					1200	17.05	0.00	10.90			
					1101	17.39	0.00	10.72			
					1001	17.54	0.00	10.55			
					900	17.59	0.00	10.39			
					800	17.89	0.00	10.31			
					700	18.30	0.00	10.52			
					600	18.46	0.01	10.47			
					499	17.75	0.01	9.54			
					400	16.56	0.01	8.20			
					301	14.91	0.02	6.75			

					201	14.59	0.02	6.42				
					149	14.24	0.03	6.18				
					101	14.08	0.17	5.90				
					41	8.24	0.27	1.19				
					5	7.01	0.15	0.52				
38	1	58.843	-31.269	10/06/2014	1363	16.74	0.00	10.94				
					1201	16.79	0.00	10.61				
					1000	17.16	0.00	10.32				
					800	17.83	0.00	10.35				
					700	18.04	0.01	10.42				
					650	18.20	0.01	10.42				
					575	17.71	0.01	9.83				
					500	16.65	0.01	8.35				
					400	15.03	0.01	6.61				
					300	14.79	0.02	6.57				
					200	14.57	0.03	6.44	0.17	0.26	2.56	
					150	14.51	0.04	6.41	0.26	0.25	1.77	
					100	14.29	0.19	5.90	0.31	0.33	2.15	
					80	12.30		3.58	0.26	0.41	3.78	
					60	9.57	0.68	1.75	0.19	0.49	3.03	
					50	8.84	0.40	1.21	0.15	0.83	5.07	
					40	8.44	0.25	0.96	0.14	0.75	4.56	
					30	7.48	0.15	0.64	0.11	1.27	7.82	
					20	7.11	0.14	0.52	0.11	1.75	10.50	
					9	7.08	0.14	0.61	0.11	1.50	10.22	
					4	7.10	0.14	0.51	0.10	1.89	11.27	
39	1	58.975	-32.559	11/06/2014	1934	16.89	0.00	12.04				
					1934							
					1751	16.97	0.00	11.27				
					1751							
					1501	17.02	0.00	10.88				
					1300	17.07	0.00	10.64				
					1201	17.05	0.00	10.71				
					1100	17.11	0.00	10.56				
					1000	17.27	0.00	10.48				
					901	17.35	0.00	10.33				
					901							
					801	17.33	0.00	9.93				
					751							
					701	17.63	0.00	10.14				
					600	17.58	0.01	9.66				
					501	17.38	0.01	9.38				
					399	16.91	0.01	8.50				
					301							
					301	16.57	0.02	8.30				
					200	16.07	0.02	7.79				
					150	15.87	0.02	7.60				
					100	14.53		7.69				
					41	9.18	0.26	4.85				
					7	6.74	0.20	0.48				
40	1	59.102	-33.828	12/06/2014	2305	16.96	0.00	12.95				
					2202	16.91	0.00	12.49				
					2100	17.07	0.00	12.07				
					2000	17.17	0.00	11.92				
					1701	17.24	0.00	11.28				
					1500	17.31	0.00	11.09				
					1401	17.30	0.00	10.89				
					1300	17.28	0.00	10.87				
					1200	17.28	0.00	10.52				
					1100	17.34	0.00	10.16				
					1000	17.29	0.00	9.53				
					901	17.32	0.00	9.50				
					800	17.32	0.00	9.14				
					702	17.56	0.00	9.46				
					601	18.00	0.00	9.80				
					500	17.51	0.00	9.25				
					400	16.39	0.00	8.17				
					302	16.09	0.01	7.61				
					250	15.29	0.00	7.01				
					200	15.54	0.01	7.14				
					150	15.76	0.02	7.26				
					100	15.19	0.09	7.46				
					38	9.87	0.26	5.88				
					5	7.13	0.17	1.71				
40	3	59.102	-33.829	12/06/2014	200				0.21	0.36	2.39	
					152					0.35	2.94	
					100				0.54	0.48	4.36	
					81				0.71	0.56	3.35	
					70				0.81	0.64	3.92	
					50				2.60	1.33	8.20	
					41				4.27	2.39	14.26	
					30				1.11	2.00	11.92	
					20				0.96	2.13	13.03	
					10				1.23	2.23	12.70	
					7				1.31	2.98	17.38	
41	1	59.234	-35.123	12/06/2014	3019	15.88	0.00	11.77				
					2900	16.61	0.00	13.46				
					2750	16.84	0.00	13.75				
					2499	17.07	0.00	13.59				
					2251	17.07	0.00	12.94				
					1999	17.22	0.00	12.20				



					1800	17.18	0.00	11.82			
					1599	17.15	0.04	11.32			
					1401	17.47	0.04	10.99			
					1200	17.47	0.05	10.77			
					1001	17.57	0.04	10.25			
					900	17.41	0.00	10.06			
					800	17.52	0.00	9.84			
					700	17.53	0.00	9.60			
					599	17.56	0.01	9.39			
					499	17.79	0.01	9.73			
					401	17.65	0.00	9.50			
					300	17.06	0.01	8.60			
					201	16.51	0.02	8.05			
					150	16.26	0.04	7.71			
					100	15.80	0.08	7.74			
					40	10.77	0.57	7.31			
					5	7.45	0.22	2.88			
42	1	59.363	-36.399	12/06/2014	3138	14.23	0.00	8.41			
					3101	15.02	0.01	10.39			
					2899	16.50	0.00	13.64			
					2501	16.90	0.00	13.27			
					2248	16.99	0.01	12.93			
					2000	17.04	0.01	11.68			
					1800	17.15	0.00	11.34			
					1600	17.21	0.00	10.91			
					1400	17.20	0.00	10.67			
					1200	17.01	0.00	9.66			
					1049	16.55	0.01	8.70			
					900	16.40	0.01	8.49			
					800	16.25	0.01	8.40			
					700	16.20	0.01	8.19			
					599	16.40	0.01	8.09			
					500	16.35	0.01	8.14			
					401	16.20	0.01	8.28			
					301	17.01	0.02	8.71			
					251	16.63	0.01	8.77			
					200	16.71	0.02	8.32			
					151	16.52	0.03	8.20			
					101	15.69	0.17	7.71			
					28	8.51	0.19	3.68			
					7	8.11	0.19	2.72			
42	3	59.363	-36.399	12/06/2014	200				0.07	0.33	1.67
					150				0.18	0.36	2.14
					100				0.13	0.42	2.47
					80				0.22	0.60	3.69
					70				0.47	0.63	4.11
					60				0.43	0.69	4.09
					50				0.80	1.11	5.63
					40				1.35	1.41	8.34
					30				3.09	2.25	10.65
					22				1.37	2.67	15.22
					10				1.72	2.23	13.86
					5				0.45	2.86	17.10
43	1	59.491	-37.681	13/06/2014	3150	14.26	0.00	8.23			
					3000	15.86	0.00	11.91			
					2750	17.08	0.00	14.13			
					2500	17.14	0.00	13.20			
					2251	17.11	0.00	12.40			
					2001	17.31	0.00	11.83			
					1800	17.37	0.01	11.17			
					1600	17.25	0.00	10.80			
					1400	17.47	0.00	10.41			
					1200	16.93	0.00	9.05			
					1000	16.74	0.01	8.68			
					900	16.41	0.00	8.33			
					802	16.36	0.01	8.17			
					700	16.65	0.01	8.25			
					600	16.82	0.00	8.45			
					500	16.89	0.01	8.67			
					400	16.65	0.01	8.48			
					300	16.86	0.01	8.25			
					201	16.03	0.01	7.66			
					150	15.94	0.01	7.58			
					101	15.91	0.03	7.38			
					39	11.49	0.26	6.35			
					5	8.08	0.20	4.61			
					5						
44	1	59.623	-38.954	13/06/2014	2966	9.54	0.10	7.36			
					2900	13.82	0.00	7.40			
					2800	13.78	0.00	7.27			
					2601	14.13	0.00	7.62			
					2501	16.83	0.00	13.67	0.02		
					2249	16.89	0.00	13.63			
					2000	16.98	0.00	12.73	0.01		
					1800	17.01	0.01	11.97			
					1600		0.00				
					1401	17.25	0.01	11.09	0.02		
					1101	17.25	0.00	10.61			
					1001	17.01	0.01	9.66	0.02		
					900	17.09	0.01	9.37			
					800	16.45		8.47			

					699	16.39	0.01	8.37			
					600	16.40	0.01	8.39			
					499	16.27	0.00	8.34	0.02		
					399	16.41	0.01	8.21			
					301	16.30	0.01	8.06			
					201	16.47	0.02	8.19			
					150	16.40	0.03	7.97			
					99	16.46	0.04	7.99			
					26	16.47	0.05	8.10			
					10	10.10	0.11	7.75			
44	3	59.623	-38.954	13/06/2014	200				0.03	0.45	1.99
					150				0.05	0.45	2.27
					100				0.06	0.48	2.17
					80				0.07	0.44	1.92
					60				0.11	0.57	2.94
					50				0.13	0.78	3.72
					40				0.23	0.85	4.06
					30				0.70	1.29	6.76
					20				3.14	3.04	16.06
					15				2.46	3.49	17.69
					10				2.96	3.26	17.93
					5				4.20	3.73	20.34
45	1	59.491	-37.682	15/06/2014	3152	14.20	0.01	8.28			
					3000	15.97	0.00	12.03			
					2753	16.65	0.00	13.32			
					2500	17.06	0.00	13.36			
					2251	17.07	0.00	12.15			
					2001	17.22	0.00	11.62			
					1800	17.12	0.01	11.10			
					1599	17.27	0.01	10.79			
					1400	17.37	0.00	10.25			
					1200	16.54	0.02	8.86			
					1000	16.42	0.01	8.22			
					901	16.40	0.01	8.15			
					799	16.61	0.01	8.33			
					700	16.27	0.02	8.19			
					600	16.47	0.01	8.29			
					499	16.95	0.01	8.48			
					399	16.67	0.01	8.41			
					299	16.74	0.01	8.11			
					200	15.87	0.02	7.62			
					148	15.77	0.04	7.20			
					100	15.71	0.04	7.17			
					41	14.07	0.28	6.98			
					5	8.17	0.25	4.31			
					5						
46	1	59.624	-38.958	15/06/2014	2966	13.91	0.01	7.91			
					2751	14.48	0.01	8.34			
					2501	16.68	0.01	12.97			
					2252	16.88	0.01	12.62			
					2000	16.98	0.00	11.80			
					1801	17.06	0.00	11.37			
					1601	17.27	0.01	11.22			
					1401	17.30	0.00	10.77			
					1202	17.14	0.00	10.08			
					1001	16.50	0.00	8.66			
					850	16.24	0.01	8.18			
					701	16.06	0.01	8.16			
					601	16.29	0.01	8.34			
					499	16.38	0.01	8.28			
					400	16.26	0.01	8.12			
					300	16.25	0.01	7.97			
					199	16.29	0.02	8.07			
					150	16.42	0.04	8.08			
					100	16.28	0.06	8.00			
					80	16.37	0.12	7.92			
					60	16.10		7.88			
					40	13.31	0.18	7.81			
					20	9.30	0.12	6.60			
					5	8.81	0.12	6.39			
47	1	59.722	-40.253	15/06/2014	2687	13.87	0.00	7.81			
					2685	13.93	0.01	7.77			
					2599	13.98	0.00	7.87			
					2501	15.58	0.00	11.27			
					2250	16.81	0.00	13.73			
					2000	16.94	0.00	12.79			
					1800	16.94	0.00	11.94			
					1601	17.02	0.00	11.27			
					1401	17.05	0.00	10.93			
					1200	17.22	0.00	10.51			
					1001	16.94	0.00	9.78			
					901	16.53	0.00	9.07			
					800	16.26	0.00	8.25			
					701	16.56	0.00	8.45			
					600	16.38	0.00	8.31			
					501	16.33	0.01	8.22			
					399	16.07	0.00	8.08			
					300	16.24	0.01	7.91			
					201	16.28	0.03	7.87			
					150	16.13	0.09	7.93			
					101	16.33	0.04	7.63			

					38	10.69	0.18	6.89			
					5	8.85	0.11	5.41			
					5						
					2295	14.29	0.01	8.09			
48	1	59.758	-40.905	15/06/2014	2200	14.42	0.01	8.12			
					2100	15.11	0.00	9.53			
					2001	15.95	0.00	11.21			
					1800	16.11	0.00	11.01			
					1601	16.14	0.00	10.05			
					1501	16.37	0.00	9.89			
					1401	16.62	0.00	9.87			
					1301	16.64	0.00	9.63			
					1200	16.68	0.00	9.81			
					1100	16.90	0.00	9.92			
					1000	16.72	0.00	9.46			
					901	16.77	0.00	9.12			
					802	16.91	0.00	8.80			
					700	16.87	0.00	8.75			
					601	16.72	0.01	8.48			
					548	16.51	0.00	8.54			
					400	16.42	0.01	8.11			
					301	16.14	0.01	7.79			
					201	15.55	0.07	7.34			
					150	15.15	0.21	7.46			
					101	14.47		6.17			
					40	10.79	0.18	5.55			
					6	9.53	0.11	7.48			
49	1	59.773	-41.297	15/06/2014	2055	14.93	0.00	8.94			
					2001	14.94	0.01	9.20			
					1801	16.29	0.00	11.77			
					1700	15.82	0.01	10.09			
					1601	16.19	0.00	10.52			
					1500	16.28	0.00	10.37			
					1403	16.37	0.01	9.99			
					1301	16.71	0.01	9.97			
					1202						
					1101	16.60	0.01	9.64			
					1002	16.61	0.01	9.30			
					901	16.33	0.01	9.00			
					801	16.58	0.01	8.73			
					701	16.66	0.00	8.55			
					601	16.55	0.00	8.53			
					500	16.32	0.01	8.37			
					400	16.10	0.01	7.96			
					301	16.04	0.02	7.77			
					251	15.62	0.04	7.81			
					201	15.63	0.09	7.62			
					150	14.51	0.64	7.23			
					86	13.71		6.29			
					40	9.66	0.14	5.41			
					6	9.40	0.12	5.91			
49	3	59.773	-41.297	15/06/2014	200				0.53	0.35	2.69
					150				0.69	0.36	3.46
					100				0.99	0.66	4.52
					80				1.01	0.72	4.40
					70				1.24	0.90	5.92
					60				1.55	1.11	5.71
					50				1.41	1.24	7.25
					40				1.56	1.45	8.36
					30				2.16	2.34	12.75
					22				1.77	2.29	13.24
					10				2.36	4.52	21.93
					5				1.83	2.26	13.14
50	1	59.795	-41.730	16/06/2014	1859	14.73	0.02	9.39			
					1801	15.27	0.02	10.00			
					1801	15.46	0.01				
					1700	15.67	0.00	10.20			
					1500	16.06	0.01	9.85			
					1400	16.34	0.01	10.37			
					1300	16.00	0.01	10.09			
					1200	16.31	0.01	9.53			
					1100			9.65			
					1000	16.40	0.01	9.51			
					902	16.30	0.00	9.12			
					800	16.29	0.01	8.88			
					700	16.27	0.01	8.83			
					600	16.25	0.01	8.92			
					501	16.27	0.00	8.58			
					400	15.99	0.02	8.37			
					300	15.73	0.02	8.28			
					201	15.52	0.02	7.74			
					151	15.10	0.17	7.74			
					100	14.11		6.70			
					40	9.29	0.59	5.21			
					6	9.74	0.44	5.41			
51	1	59.799	-42.003	16/06/2014	1732	15.53	0.00	9.98			
					1702	15.38	0.01	9.96			
					1600	15.58	0.00	10.00			
					1500	15.60	0.01	9.96			
					1400	16.06	0.00	10.10			
					1299	16.11	0.01	9.83			

					1200	16.28	0.00	9.82				
					1101	16.31	0.00	9.58				
					1001	16.32	0.00	9.15				
					900	16.33	0.01	8.89				
					751	16.06	0.02	8.56				
					600	16.08	0.01	8.45				
					500	16.09	0.02	8.40				
					399	15.75	0.02	7.97				
					301	15.48	0.02	7.67				
					202	15.21	0.06	7.60				
					151	14.72	0.60	7.51				
					102	13.68	0.30	7.29				
					40	9.28	0.16	5.29				
					6	9.90	0.16	6.06				
52	1	59.808	-42.238	16/06/2014	1200	15.96	0.01	9.90				
					1200	16.06	0.01	9.69				
					1101	16.11	0.01	9.31				
					1000	16.11	0.00	8.83				
					900	15.89	0.00	8.45				
					798	15.61	0.02	8.05				
					700	15.31	0.05	7.69				
					600	14.57	0.28	7.24				
					500	14.60		7.23				
					401	14.59		7.11				
					300	13.98		6.86				
					199	13.45		6.40				
					149	12.71		5.91				
					100	12.61		6.10				
					74	12.47		6.01				
					49	12.10		6.10				
					25	10.16	0.61	5.10				
					11	9.74	0.54	4.68				
					5	9.40	0.34	4.08				
53	1	59.902	-43.015	16/06/2014	159	7.14	0.10	5.13	0.34	0.35	1.88	
					100	6.53	0.08	5.29	0.43	0.50	3.22	
					74			1.37	1.37	1.49	10.35	
					50	3.67	0.04	4.14	2.07	1.84	13.38	
					29			2.95	2.95	4.20	30.96	
					25			2.42	2.55	3.41	31.15	
					10				2.53	3.07	36.42	
					4			2.00	2.49	2.86	32.25	
54	1	59.871	-42.814	17/06/2014	178	11.63	0.64	6.08				
					99	8.93	0.19	5.30				
					50	5.77	0.11	4.49				
					5	2.48	0.07	3.23				
55	1	59.831	-42.520	17/06/2014	220	12.05	0.53	5.76				
					150	10.44	0.59	4.93				
					100	9.26	0.43	4.17				
					50	9.41	0.26	3.62				
					6	8.16	0.17	4.97				
56	1	59.823	-42.399	17/06/2014	298	12.55	-0.25	5.85				
					200	11.67	-0.22	5.65	1.17	0.81	4.83	
					150	9.96	0.53	5.00	1.42	0.90	4.69	
					100	8.58	0.60	3.77	1.38	0.84	5.12	
					81	8.51	0.51	3.81	1.25	1.07	7.39	
					70				1.34	0.67	4.74	
					61	9.14	0.33	4.94	1.73	1.10	12.00	
					50				1.99	1.04	7.97	
					40	8.85	0.32	4.08	1.22	1.28	8.78	
					31				0.82	1.30	5.44	
					20	8.50	0.28	4.39	0.69	1.53	6.31	
					9	7.64	0.17	4.64	0.54	2.10	7.61	
					6				0.58	1.25	5.50	
57	1	59.818	-42.313	17/06/2014	559	13.40	0.64	6.74				
					401	13.18	0.62	6.85				
					200	11.62	0.63	5.61				
					101	9.89	0.41	4.52				
					51	9.30	0.22	3.70				
					4	6.63	0.12	4.45				
58	1	59.816	-42.276	17/06/2014	879	16.14	0.01	8.79				
					850	16.04	0.01	8.85				
					798	15.94	0.01	8.56				
					700	15.77	0.02	8.31				
					601	15.41	0.07	7.79				
					498	14.29	0.26	7.19				
					401	13.18	0.64	6.90				
					300	12.31	0.64	6.19				
					200	11.56	0.63	5.93				
					100	10.37	0.60	5.31				
					50	8.97	0.25	3.29				
					6	8.99	0.25	3.61				
60	3	59.799	-42.014	17/06/2014	1734	14.87	0.00	9.94	0.05			
					1400	15.24	0.00	9.87	0.04			
					1202	15.66	0.00	10.06				
					1000	15.85	0.00	9.71	0.03			
					800	15.60	0.00	9.01				
					500	15.54	0.01	8.49	0.06			
					252	15.01	0.01	7.95				
					152	14.45	0.13	7.41				
					100	13.52	0.27	6.89				
					51	10.78	0.20	5.12				

					5	7.80	0.11	4.29			
60	5	59.799	-42.013	18/06/2014	200				0.24	0.37	2.32
					150				0.35	0.45	2.78
					100				0.49	0.65	3.67
					70				0.57	0.82	5.04
					50				2.14	1.28	7.09
					40				2.79	1.54	9.14
					30				3.24	2.66	15.17
					17				2.62	3.93	25.63
					10				3.45	3.64	23.45
					4				3.37	3.12	20.27
61	1	59.753	-45.112	18/06/2014	136	8.58	0.10	5.56	0.18	0.31	2.03
					121	8.14	0.10	5.47	0.17	0.38	2.78
					100	7.26	0.08	5.29	0.31	0.63	4.34
					80				0.09	1.13	7.62
					65				0.57	2.16	13.52
					51	2.23	0.04	3.79	3.07	3.66	21.92
					40				3.37	4.31	27.21
					30				3.06	4.65	38.05
					20				3.23	5.58	40.03
					10				3.05	4.45	34.50
					5	0.02	0.00	3.10	1.35	4.12	32.32
					5	0.02	0.00	2.93			
					5	0.01	0.00	2.86			
62	1	59.502	-45.620	19/06/2014	485	16.18	0.63	7.57			
					400	15.75	0.04	7.16			
					299	15.24	0.09	6.71			
					200	13.34	0.95	5.87			
					150	12.87	0.93	5.80			
					100	11.77	0.93	5.60			
					51	10.08	0.44	5.19			
					3	8.55	0.27	3.43			
63	1	59.434	-45.666	19/06/2014	1629	17.56	0.01	10.20			
					1502	17.61	0.01	9.93			
					1400	17.64	0.01	9.71			
					1300	17.70	0.01	9.58			
					1200	17.63	0.01	9.38			
					1100	17.57	0.01	9.49			
					1000	17.65	0.00	9.14			
					900	17.55	0.00	8.90			
					800	17.48	0.01	8.49			
					701	17.25	0.02	8.26			
					600	16.96	0.02	8.01			
					500	16.43	0.02	7.62			
					401	16.24	0.03	7.28			
					302	15.84	0.07	7.04			
					201	15.15	0.20	6.92			
					150	14.29	0.21	6.54			
					101	13.32	0.20	6.17			
					49	11.49	0.18	5.25			
					4	10.12	0.15	4.23			
63	3	59.434	-45.666	19/06/2014	200				0.35	0.34	3.04
					150				0.32	0.32	2.39
					100				0.41	0.30	4.56
					80				0.51	0.35	3.90
					70				0.62		
					50				0.56	0.71	4.46
					40				0.65	0.58	4.29
					30				0.59	0.72	6.56
					22				0.65	0.92	6.35
					10				0.60	1.00	6.00
					5				0.73	0.83	5.65
64	1	59.068	-46.083	19/06/2014	2502	16.13	0.01	10.46	0.01		
					2401	16.62	0.00	11.43			
					2250	17.41	0.01	13.03			
					1999	17.71	0.01	12.38	0.01		
					1800	17.80	0.01	11.41	0.02		
					1599	17.77	0.01	10.71			
					1399	17.84	0.01	10.41	0.02		
					1200	17.76	0.00	9.88			
					999	17.27	0.01	8.68	0.02		
					900	17.07	0.01	8.35			
					800	17.08	0.00	8.25			
					750	17.16	0.01	8.32			
					649	17.19	0.00	8.41			
					500	16.90	0.02	8.10	0.03		
					400	17.19	0.02	8.15			
					320	16.84	0.05	8.00			
					200	16.68	0.08	7.64			
					150	16.28	0.15	7.40			
					100	15.07	0.31	7.37			
					50	11.46	0.20	6.93			
					5	5.06	0.12	4.47			
64	3	59.068	-46.083	19/06/2014	200				0.10	0.02	0.17
					150				0.18	0.02	0.17
					100				0.15	0.04	0.30
					80				0.34	0.04	0.33
					65				0.31	0.05	0.36
					55				0.28	0.05	0.33
					45				0.31	0.06	0.41
					33				0.70	0.08	0.61

					25				1.66	0.13	1.02
					15				1.64	0.08	0.68
					10				1.31	0.10	0.82
					6				0.90	0.10	0.86
65	1	58.583	-46.386	20/06/2014	2574	14.79	0.00	9.54			
					2461	14.68	0.00	8.87			
					2201	16.48	0.00	12.71			
					2000	16.41	0.00	11.32			
					1801	16.93	0.00	11.37			
					1600	17.20	0.00	11.07			
					1500	17.27	0.00	10.98			
					1400	17.22	0.00	10.64			
					1300	17.28	0.00	10.40			
					1200	17.06	0.00	9.95			
					1099	16.89	0.00	9.51			
					999	16.50	0.01	9.01			
					900	16.30	0.01	8.47			
					799	16.22	0.01	8.33			
					699	16.13	0.01	8.17			
					601	16.23	0.01	8.21			
					500	16.13	0.02	8.18			
					400	16.32	0.02	8.13			
					300	16.19	0.03	7.99			
					200	15.85	0.16	7.84			
					149	15.46	0.19	7.59			
					100	13.93	0.23	7.58			
					39	8.72	0.12	7.30			
					4	0.32	0.02	3.36			
66	1	57.992	-46.753	21/06/2014	3144	14.60	0.01	9.51			
					2980	15.56	0.01	12.33			
					2750	16.34	0.00	13.65			
					2500	16.64	0.00	13.22			
					2249	16.76	0.00	12.27			
					2000	16.80	0.00	11.21			
					1801	16.85	0.00	10.80			
					1601	17.05	0.00	10.58			
					1400	16.93	0.00	9.85			
					1200	16.40	0.00	8.77			
					1101	16.28	0.01	8.48			
					1000	16.21	0.01	8.39			
					800	16.21	0.01	8.24			
					600	16.07	0.01	8.19			
					501	15.97	0.03	7.94			
					400	15.74	0.05	7.77			
					300	15.41	0.17	7.55			
					200	14.73	0.19	7.02			
					150	14.50	0.37	6.97			
					101	13.70	0.41	6.97			
					40	8.57	0.16	6.41			
					4		0.01	3.97			
					4						
67	1	57.577	-47.012	21/06/2014	2933	14.15	0.00	8.60			
					2800	15.04	0.01	10.14			
					2700	15.98	0.01	13.16			
					2501	16.45	0.01	12.94			
					2251	16.79	0.00	12.60			
					2000	16.90	0.00	11.69			
					1801	17.04	0.00	11.18			
					1601	17.16	0.00	10.86			
					1400	17.06	0.00	10.39			
					1200	16.78	0.00	9.44			
					1101	16.53	0.00	9.06			
					1000	16.34	0.00	8.82			
					900	16.25	0.00	8.45			
					800	16.18	0.00	8.32			
					700	16.17	0.00	8.26			
					601	16.03	0.01	8.18			
					500	15.94	0.01	8.13			
					401	15.99	0.03	7.94			
					299	15.90	0.03	7.85			
					200	15.65	0.06	7.55			
					150	15.08	0.24	7.39			
					100	14.02	0.26	7.45			
					39	11.05	0.17	7.11			
					5		0.04	5.49			
68	1	56.917	-47.423	21/06/2014	3639	14.25	0.01	8.84			
					3600	14.45	0.01	9.17			
					3400	16.07	0.00	14.05			
					3000	16.54	0.00	13.76			
					2750	16.85	0.00	13.31			
					2500	16.96	0.00	12.21			
					2250	17.16	0.00	11.56			
					2000	17.32	0.00	11.14			
					1800	17.17	0.00	10.51			
					1600	17.12	0.00	9.98			
					1400	16.42	0.00	8.62			
					1200	16.12	0.00	8.34			
					999	16.20	0.00	8.34			
					799	16.08	0.02	8.18			
					700	16.07	0.02	8.03			

					600	16.04	0.01	8.08				
					500	15.96	0.03	7.99				
					400	16.11	0.03	7.88				
					300	15.89	0.02	7.78				
					200	15.70	0.05	7.46				
					150	15.48	0.09	7.27				
					100	15.20	0.40	7.16				
					50	9.51	0.21	6.65				
					4		0.00	2.24				
68	3	56.913	-47.419	21/06/2014	200				0.05	0.39	2.20	
					150				0.09	0.47	3.24	
					100				0.17	1.03	4.36	
					80				0.25	0.91	7.19	
					70				0.26	1.10	5.88	
					60				0.20	1.12	6.55	
					50				0.19	1.53	11.66	
					40				2.24	1.91	10.10	
					30				4.63	2.65	14.40	
					20				4.06	2.22	13.08	
					10				3.06	2.05	12.02	
					3				2.62	2.28	13.56	
69	1	55.842	-48.093	22/06/2014	3745	14.37	0.00	8.90				
					3701	14.34	0.01	8.42				
					3500	15.40	0.00	11.49	0.03			
					3249	16.39	0.00	14.03				
					2999	16.62	0.00	13.22	0.01			
					2725	16.82	0.00	12.53				
					2500	16.87	0.00	11.65				
					2250	17.17	0.00	11.55				
					2000	17.10	0.00	10.83	0.01			
					1800	17.32	0.00	10.62				
					1600	16.78	0.00	9.14				
					1400	16.14	0.01	8.81	0.02			
					1200	16.20	0.00	8.25				
					1000	16.23	0.01	8.34	0.02			
					801	16.23	0.01	8.20				
					601	16.05	0.01	8.06				
					500	16.00	0.02	8.10	0.02			
					400	16.33	0.02	8.12				
					300	16.11	0.04	8.06				
					200	15.89	0.14	7.98				
					150	15.67	0.16	7.75				
					99	15.37	0.32	7.38				
					50	11.82	0.31	7.04				
					4		0.00	3.56				
69	3	55.842	-48.093	22/06/2014	200				0.07	0.30	2.04	
					150				0.11	0.45	2.90	
					100				0.18	0.47	3.10	
					80				0.16	0.49	3.07	
					60				0.20	0.74	4.55	
					50				0.19	0.91	5.53	
					40				0.26	1.12	6.17	
					30				1.35	1.75	8.52	
					22				3.01	2.57	13.44	
					14				3.01	2.28	13.82	
					10				2.66	2.09	13.44	
					3				2.75	2.02	12.97	
70	1	54.767	-48.763	24/06/2014	3773	14.69	0.01	10.47				
					3500	15.76	0.00	13.27				
					3251	16.44	0.00	14.51				
					3000	16.87	0.00	14.92				
					2500	16.90	0.00	12.70				
					2250	16.98	0.00	12.08				
					2000	17.29	0.00	11.72				
					1801	17.32	0.01	11.34				
					1600	17.36	0.01	10.93				
					1399	17.27	0.01	10.44				
					1200	16.73	0.00	9.28				
					1000	16.42	0.01	8.68				
					900	16.35	0.00	8.63				
					800	16.23	0.01	8.55				
					699	16.32	0.02	8.62				
					600	16.21	0.01	8.47				
					499	16.16	0.05	8.49				
					399	16.31	0.01	8.46				
					300	15.99	0.03	8.27				
					200	16.01	0.10	8.29				
					149	15.73		8.10				
					100	14.92	0.21	8.03				
					39	7.23	0.50	6.24				
					4	4.16	0.32	3.82				
71	1	53.692	-49.433	24/06/2014	3756	14.65	0.01	11.27				
					3499	15.67	0.00	13.45				
					3240	16.35	0.00	15.43				
					3000	16.54	0.00	14.57				
					2750	16.79	0.00	14.07				
					2500	16.75	0.00	12.80				
					2249	17.00	0.01	12.24				
					2000	17.24	0.00	N/A				
					1799	17.24	0.01	11.20				
					1600	17.35	0.00	10.86				

					1399	17.23	0.01	10.39			
					1200	16.67	0.01	9.28			
					1000	16.23	0.01	8.55			
					801	16.16	0.01	8.50			
					700	16.24	0.01	8.52			
					600	16.20	0.01	8.57			
					500	16.10	0.02	8.47			
					400	16.27	0.02	8.34			
					350	16.12	0.01	8.48			
					250	15.27	0.03	7.73			
					150	13.54	0.00	7.71			
					100	14.58	0.15	7.73			
					50	8.24	0.00	6.33			
					5	1.80	0.15	1.42			
71	3	53.692	-49.433	24/06/2014	200				0.03	0.24	1.26
					150				0.05	0.35	2.04
					100				0.06	0.37	1.99
					80				0.16	0.57	3.44
					70				0.34	0.81	5.01
					58				0.99	1.83	11.38
					50				1.04	1.89	11.29
					40				0.89	2.17	12.46
					30				1.02	2.97	17.20
					20				0.79	3.41	20.67
					10				0.66	3.48	21.48
					4				0.40	3.39	20.96
72	1	53.142	-50.862	25/06/2014	2920	14.72	0.00	10.32			
					2632	15.98	0.00	13.60			
					2550	15.78	0.00	12.21			
					2450	16.08	0.00	12.47			
					2252	16.29	0.00	11.78			
					2001	16.43	0.00	11.46			
					1800	16.59	0.00	11.31			
					1600	16.69	0.00	11.08			
					1400	16.94	0.00	10.95			
					1200	17.11	0.00	10.59			
					1001	16.24	0.00	9.58			
					900	16.82	0.00	8.85			
					800	16.19	0.00	8.60			
					700	16.19	0.00	8.52			
					600	16.14	0.00	8.50			
					500	16.03	0.01	8.41			
					400	15.95	0.02	8.78			
					300	16.03	0.01	8.26			
					201	15.71	0.01	8.18			
					150	15.68	0.02	8.03			
					100	15.45		7.93			
					50	13.70	0.13	7.96			
					25	3.39		3.13			
					5	0.67	0.15	1.63			
73	1	52.933	-51.391	25/06/2014	2075	16.67	0.02	11.59			
					1901	16.85	0.02	11.39			
					1799	16.94	0.01	11.14			
					1700	17.02	0.01	10.84			
					1600	17.13	0.01	10.79			
					1500	17.17	0.02	10.44			
					1401	17.06	0.02	10.17			
					1201	16.53	0.02	8.72			
					1001	16.07	0.02	8.48			
					900	16.19	0.01	8.41			
					800	16.40	0.05	8.40			
					701	16.13	0.04	8.30			
					600	16.14	0.04	8.19			
					500	15.91	0.06	8.21			
					400	15.94	0.07	7.98			
					301	15.86	0.08	7.91			
					200	15.67	0.15	8.00			
					150	15.73	0.22	7.94			
					100	15.27		7.69			
					50	10.70		6.21			
					4	0.04	0.01	1.45			
74	1	52.852	-51.596	25/06/2014	1259	16.46	0.04	9.07			
					1151	16.50	0.04	8.90			
					1002	16.43	0.02	8.60			
					901	16.43	0.03	8.51			
					699	16.28	0.04	8.33			
					601	16.23	0.04	8.31			
					501	16.02	0.04	8.23			
					401	15.88	0.10	8.11			
					300	15.76	0.09	7.90			
					200	15.62	0.06	7.90			
					151	15.35	0.17	7.72			
					100	14.77	0.50	7.62			
					50	13.37	0.00	7.11			
					4	0.10	0.02	2.28			
75	1	52.786	-51.760	25/06/2014	472	15.88	0.02	8.52			
					401	15.93	0.02	8.66			
					301	15.72	0.00	7.81			
					200	15.26	0.01	7.65			
					150	15.00	0.00	7.71			
					101	13.80	0.11	7.88			



					50	10.29	0.38	7.62			
					2	0.01	0.00	2.47			
76	1	52.500	-52.500	25/06/2014	251	15.39	0.09	9.58			
					200	13.96	0.09	8.17			
					150	11.96	0.16	8.06			
					100	9.90	0.53	7.85			
					50	8.47	0.27	7.86			
					25	2.30	0.04	3.97			
					5		0.00	0.25			
77	1	53.000	-51.100	25/06/2014	2531	15.66	0.01	11.82	0.01		
					2449	16.04	0.01	12.18			
					2401	15.89	0.01	12.07			
					2201	16.30	0.01	12.03			
					2000	16.60	0.00	11.71	0.02		
					1751	16.78	0.00	11.11			
					1500	17.31	0.00	11.13	0.01		
					1302	17.23	0.01	10.57			
					1202	17.09	0.01	10.14			
					1001	16.42	0.01	8.68	0.02		
					902	16.36	0.01	8.54			
					802	16.24	0.01	8.47			
					701	16.43	0.00	8.52			
					601	16.40	0.01	8.43			
					502	16.30	0.03	8.38	0.02		
					402	16.22	0.03	8.40			
					300	15.65	0.24	8.20			
					201	15.26	0.56	8.17			
					151	15.56		8.14			
					100	14.61		8.05			
					40	7.05	0.27	5.99			
					24	3.23	0.13	3.59			
					4	0.38	0.04	1.09			
77	3	52.989	-51.095	26/06/2014	201				0.06	0.35	1.73
					150				0.05	0.41	2.16
					100				0.09	0.51	2.99
					80				0.09	0.49	3.38
					60				0.53	1.03	6.31
					45				1.05	2.25	13.68
					35				0.86	2.88	16.07
					25				0.94	3.66	20.06
					20				0.82	3.52	18.92
					15				0.88	3.54	20.44
					10				0.86	3.47	19.51
					5				0.54	4.00	23.31
78	1	51.989	-53.817	27/06/2014	371	15.90	0.06	12.28			
					299	15.72	0.04	11.96			
					200	12.94	0.13	8.59	0.38	0.63	3.02
					150	11.38	0.06	8.41	0.33	0.46	2.53
					100	10.06	0.07	8.50	0.38	0.52	2.70
					80				0.24	0.49	2.78
					60				0.34	0.54	2.71
					45	8.12	0.10	8.76	0.41	0.98	5.58
					35				2.82	5.26	31.22
					30				2.63	4.72	36.15
					20				0.15	0.75	3.40
					10				0.19	0.90	4.96
					5	0.06	0.00	0.21	0.15	1.09	5.50