

HDR Global Mean Sea Level Data

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HDR This file contains Global Mean Sea Level (GMSL) variations computed at the NASA Goddard Space Flight Center under the auspices of the NASA MEASURES program. The GMSL was generated using the Integrated Multi-Mission Ocean Altimeter Data for Climate Research (http://podaac.jpl.nasa.gov/dataset/MERGED_TP_J1_OSTM_OST_ALL_V4). It combines Sea Surface Heights from TOPEX/Poseidon, Jason-1, OSTM/Jason-2, and Jason-3 to a common terrestrial reference frame with all inter-mission biases, range and geophysical corrections applied and placed onto a georeferenced orbit. This creates a consistent data record throughout HDR time, regardless of the instrument used.

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HDR The data can be found below. A separate figure file, Global_Sea_Level_Graph, was generated using the GMSL data (listed in column 12 below) with the 60-day Gaussian type filter and having the Global Isostatic Adjustment (GIA) applied, with annual and semi-annual signals removed.

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HDR If you use these data please cite:

HDR GSFC. 2017. Global Mean Sea Level Trend from Integrated Multi-Mission Ocean Altimeters TOPEX/Poseidon, Jason-1, OSTM/Jason-2 Version 4. Ver. 4. PO.DAAC, CA, USA. Dataset accessed [YYYY-MM-DD] at 10.5067/GMSLM-TJ124.

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HDR For information on how the data were generate please refer to:

HDR B. D. Beckley, N. P. Zelensky, S. A. Holmes, F. G. Lemoine, R. D. Ray, G. T. Mitchum, S. D. Desai & S. T. Brown, Assessment of the Jason-2 Extension to the TOPEX/Poseidon, Jason-1 Sea-Surface Height Time Series for Global Mean Sea Level

HDR Monitoring, Marine Geodesy, Vol 33, Suppl 1, 2010. DOI:10.1080/01490419.2010.491029

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HDR Global Mean Sea Level (GMSL) variations from TPJAOS v4.0

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HDR column description

HDR 1 altimeter type 0=dual-frequency 999=single frequency (ie Poseidon-1)

HDR 2 merged file cycle #

HDR 3 year+fraction of year (mid-cycle)

HDR 4 number of observations

HDR 5 number of weighted observations

HDR 6 GMSL (Global Isostatic Adjustment (GIA) not applied) variation (mm) with respect to 20-year TOPEX/Jason collinear mean reference

HDR 7 standard deviation of GMSL (GIA not applied) variation estimate (mm)

HDR 8 smoothed (60-day Gaussian type filter) GMSL (GIA not applied) variation (mm)

HDR 9 GMSL (Global Isostatic Adjustment (GIA) applied) variation (mm) with respect to 20-year TOPEX/Jason collinear mean reference

HDR 10 standard deviation of GMSL (GIA applied) variation estimate (mm)

HDR 11 smoothed (60-day Gaussian type filter) GMSL (GIA applied) variation (mm)

HDR 12 smoothed (60-day Gaussian type filter) GMSL (GIA applied) variation (mm); annual and semi-annual signal removed

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HDR Missing or bad value flag: 99900.000

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HDR TOPEX/Jason 1996-2016 collinear mean reference derived from cycles 121 to 858.

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HDR Header_End-----

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-40.63		-41.15							
0	12	1993.0386963	460890	334038.00	-44.20	100.97	-41.90	-44.19	100.96
-41.89		-41.74							
0	13	1993.0659180	472125	342417.81	-44.17	97.73	-42.04	-44.15	97.72
-42.02		-41.32							
0	14	1993.0930176	421381	306053.81	-46.32	101.99	-42.38	-46.30	101.97
-42.36		-41.23							

0 15	1993.1202393	459550	331095.41	-40.91	99.63	-41.60	-40.87	99.62
-41.57	-40.12							
0 16	1993.1473389	416487	300349.81	-39.32	98.01	-40.54	-39.28	98.00
-40.50	-38.81							
0 17	1993.1745605	467982	337063.59	-38.86	96.18	-39.56	-38.82	96.17
-39.52	-37.63							
0 18	1993.2016602	466077	335416.50	-37.62	96.20	-38.85	-37.57	96.18
-38.80	-36.72							
0 19	1993.2288818	461213	331526.00	-37.80	96.14	-38.45	-37.74	96.11
-38.39	-36.11							
999 20	1993.2559814	467274	340098.91	-45.73	107.39	-38.34	-45.66	107.37
-38.27	-35.76							
0 21	1993.2832031	461744	331710.00	-39.55	94.35	-38.49	-39.48	94.32
-38.42	-35.62							
0 22	1993.3103027	469833	338034.41	-36.22	93.55	-38.89	-36.13	93.51
-38.80	-35.68							
0 23	1993.3375244	467661	337538.19	-38.38	93.32	-39.46	-38.29	93.28
-39.37	-35.92							
0 24	1993.3647461	467936	336253.41	-41.33	93.72	-39.96	-41.23	93.68
-39.85	-36.09							
0 25	1993.3918457	470043	337666.81	-42.35	93.96	-40.46	-42.24	93.92
-40.35	-36.34							
0 26	1993.4190674	471722	339524.69	-42.08	93.66	-40.41	-41.96	93.62
-40.29	-36.15							
0 27	1993.4461670	468852	338300.09	-39.13	93.89	-40.40	-39.00	93.85
-40.27	-36.15							
0 28	1993.4733887	468773	339171.19	-39.16	92.85	-40.19	-39.03	92.81
-40.06	-36.14							
0 29	1993.5004883	448244	326747.59	-39.82	91.41	-40.05	-39.69	91.37
-39.91	-36.42							
0 30	1993.5277100	461234	336487.91	-41.09	93.27	-39.88	-40.94	93.23
-39.73	-36.88							
999 31	1993.5548096	258734	192560.80	-37.32	99.00	-39.48	-37.17	98.97
-39.32	-37.31							
0 32	1993.5820312	456886	334423.00	-39.97	95.83	-38.76	-39.81	95.80
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0 33	1993.6091309	424745	310700.00	-39.50	96.82	-37.85	-39.34	96.79
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0 34	1993.6363525	453729	333157.69	-35.68	95.90	-36.94	-35.50	95.88
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0 35	1993.6635742	451302	331901.69	-34.51	95.04	-36.14	-34.33	95.02
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0 36	1993.6906738	453813	333712.69	-36.13	92.84	-35.37	-35.94	92.81
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0 37	1993.7178955	411294	303014.09	-37.06	93.70	-34.59	-36.86	93.68
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0 38	1993.7449951	455695	334983.59	-33.18	92.68	-33.73	-32.97	92.66
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0 39	1993.7722168	452877	332728.09	-29.57	92.93	-33.11	-29.36	92.92
-32.89	-38.33							
0 40	1993.7993164	454650	332592.41	-31.83	91.09	-32.97	-31.61	91.08
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999 41	1993.8265381	465492	345038.19	-35.90	100.18	-33.43	-35.67	100.15
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0 42	1993.8536377	463414	337651.69	-34.04	91.19	-34.18	-33.81	91.17
-33.95	-38.97							
0 43	1993.8808594	462117	335541.59	-35.48	91.81	-34.71	-35.24	91.77
-34.47	-38.89							
0 44	1993.9079590	451860	327060.00	-37.29	91.71	-34.82	-37.04	91.66
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0 45	1993.9351807	470802	340200.50	-35.80	90.78	-34.65	-35.54	90.73
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0 46	1993.9622803	472633	339758.00	-30.41	90.90	-34.50	-30.15	90.85
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0 47	1993.9895020	463199	333726.19	-33.56	91.44	-35.02	-33.28	91.38
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0 48	1994.0167236	472732	340715.50	-37.04	91.08	-35.22	-36.76	91.00

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0 49	1994.0438232	465775	336127.91	-35.12	89.20	-35.74	-34.84	89.12
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0 50	1994.0710449	464596	335646.91	-33.14	88.74	-36.69	-32.84	88.64
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0 51	1994.0981445	467066	335626.00	-38.84	89.91	-37.69	-38.54	89.80
-37.39	-36.19							
0 52	1994.1253662	472856	340455.91	-42.11	90.92	-38.40	-41.80	90.80
-38.09	-36.59							
0 53	1994.1524658	472073	340129.91	-41.12	92.52	-38.49	-40.80	92.40
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0 54	1994.1796875	464135	333920.69	-37.06	92.56	-37.87	-36.74	92.43
-37.55	-35.62							
999 55	1994.2067871	381477	277877.31	-41.48	98.68	-36.91	-41.16	98.55
-36.57	-34.46							
0 56	1994.2340088	468379	337041.00	-32.31	89.47	-36.30	-31.97	89.34
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0 57	1994.2611084	467859	336394.59	-35.95	90.05	-36.45	-35.60	89.92
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0 58	1994.2883301	467848	336384.50	-36.50	90.51	-37.50	-36.14	90.36
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0 59	1994.3155518	467646	335643.19	-37.94	90.14	-38.32	-37.58	89.99
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0 60	1994.3426514	472393	340110.91	-39.68	89.10	-39.48	-39.31	88.96
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0 61	1994.3698730	468079	336952.41	-41.44	90.85	-40.19	-41.06	90.72
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0 62	1994.3969727	469184	338123.41	-43.95	92.34	-41.02	-43.56	92.21
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0 63	1994.4241943	469231	338529.59	-41.64	89.76	-41.23	-41.25	89.62
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0 64	1994.4512939	466690	337581.59	-38.83	89.61	-41.14	-38.44	89.48
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0 67	1994.5328369	461562	336157.91	-39.37	90.38	-39.99	-38.95	90.26
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0 68	1994.5599365	454521	334033.81	-38.91	93.69	-39.37	-38.49	93.59
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0 72	1994.6687012	450951	333470.81	-36.33	98.00	-35.86	-35.87	97.95
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0 73	1994.6958008	445430	328649.09	-32.85	98.83	-34.84	-32.39	98.81
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0 76	1994.7773438	444457	325719.09	-32.35	97.40	-32.89	-31.86	97.37
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0 77	1994.8044434	457269	334358.19	-30.57	97.25	-32.71	-30.08	97.21
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0 78	1994.8316650	457991	335481.81	-32.03	99.09	-32.98	-31.53	99.03
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999 79	1994.8587646	405793	301584.31	-26.29	105.21	-33.63	-25.78	105.18
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0 80	1994.8859863	458377	332234.50	-34.84	101.01	-34.26	-34.32	100.95
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0 81	1994.9132080	466734	337390.69	-37.72	99.00	-34.44	-37.20	98.91

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-35.06	0 88	1995.1032715	467623	336557.41	-36.58	96.99	-35.64	-36.01	96.79	
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999	91	1995.1848145	481954	350335.41	-35.18	103.29	-36.27	-34.59	103.10	
-35.67	0 92	1995.2120361	465180	333683.41	-31.25	96.28	-36.27	-30.64	96.05	
-36.00	0 93	1995.2391357	464885	334961.91	-37.68	94.34	-36.62	-37.07	94.12	
-36.53	0 94	1995.2663574	467738	336838.50	-38.70	93.75	-37.15	-38.08	93.51	
-37.03	0 95	1995.2934570	468635	337217.91	-38.02	93.45	-37.66	-37.39	93.21	
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-38.38	0 100	1995.4293213	454338	327613.41	-36.75	90.44	-39.05	-36.07	90.24	
-38.67	0 101	1995.4564209	472129	341332.41	-39.84	90.67	-39.34	-39.17	90.47	
-38.96	0 102	1995.4836426	466479	339065.59	-41.51	91.37	-39.63	-40.84	91.15	
-38.78	999	103	1995.5108643	469782	347253.50	-36.65	94.90	-39.47	-35.98	94.73
-38.73	0 104	1995.5379639	458082	334454.69	-39.79	89.98	-39.43	-39.10	89.79	
-38.05	0 105	1995.5651855	460278	337564.50	-39.99	90.16	-38.75	-39.28	89.98	
-37.00	0 106	1995.5922852	460845	339030.00	-39.43	89.14	-37.71	-38.71	88.95	
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-33.85	0 108	1995.6466064	454199	334442.09	-35.67	89.34	-34.57	-34.95	89.22	
-32.13	0 109	1995.6738281	447085	329387.41	-32.37	88.53	-32.86	-31.64	88.43	
-30.33	0 110	1995.7009277	455920	335485.81	-30.85	89.64	-31.07	-30.11	89.57	
-29.58	0 111	1995.7281494	455697	335249.00	-24.76	88.16	-30.32	-24.02	88.14	
-28.57	0 112	1995.7552490	459680	336937.69	-29.12	90.17	-29.32	-28.37	90.12	
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-28.64	999	114	1995.8096924	466883	346764.69	-35.80	97.28	-29.41	-35.04	97.19
-28.11	0 115	1995.8368141	459910	333005.41	-30.10	87.40	-30.50	-30.11	87.30	

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0 117	1995.8911133	408028	296512.19	-27.79	87.34	-29.96	-26.99	87.23
-29.16	-33.31							
999 118	1995.9183350	1266	901.70	-49.44	90.65	-30.60	-48.49	90.29
-29.80	-33.16							
0 119	1995.9454346	473615	340368.09	-32.24	88.34	-31.97	-31.43	88.18
-31.16	-33.67							
0 120	1995.9726562	470141	337770.81	-28.39	85.37	-33.23	-27.57	85.19
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0 121	1995.9997559	455388	326738.81	-34.89	87.73	-34.55	-34.06	87.46
-33.72	-34.56							
0 122	1996.0268555	466900	335675.69	-37.62	88.85	-35.90	-36.79	88.58
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0 123	1996.0539551	321333	229944.20	-39.82	90.01	-36.79	-38.97	89.69
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0 124	1996.0810547	473198	340614.59	-40.32	91.07	-36.70	-39.48	90.74
-35.86	-34.91							
0 125	1996.1081543	467287	336246.59	-33.59	90.90	-36.72	-32.73	90.59
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0 127	1996.1623535	409744	294236.50	-34.13	90.01	-35.93	-33.27	89.68
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0 129	1996.2165527	464808	333496.69	-35.54	91.09	-36.06	-34.65	90.72
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0 130	1996.2436523	473782	340878.59	-35.69	92.81	-36.17	-34.79	92.41
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0 131	1996.2707520	471257	337822.81	-36.88	91.52	-36.02	-35.97	91.14
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0 132	1996.2978516	469153	336589.59	-38.36	89.17	-35.83	-37.44	88.76
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0 133	1996.3249512	473313	339907.81	-34.57	87.62	-35.53	-33.64	87.27
-34.61	-31.32							
0 134	1996.3520508	471861	339106.50	-33.65	89.40	-35.10	-32.73	89.05
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0 135	1996.3791504	471345	338320.41	-35.21	88.78	-34.74	-34.28	88.46
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0 136	1996.4061279	470530	338398.59	-33.92	88.20	-34.45	-32.97	87.91
-33.51	-29.41							
0 137	1996.4332275	471151	338840.69	-35.02	87.99	-34.10	-34.07	87.67
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999 138	1996.4603271	473320	348042.41	-34.79	92.78	-33.57	-33.84	92.47
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0 139	1996.4874268	464414	336532.50	-32.72	87.91	-32.88	-31.76	87.63
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0 140	1996.5145264	462991	336132.91	-33.63	86.76	-32.13	-32.66	86.53
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0 143	1996.5958252	457970	335656.81	-30.33	87.35	-30.55	-29.35	87.17
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0 144	1996.6229248	445853	328142.41	-31.13	87.75	-30.11	-30.14	87.62
-29.12	-29.83							
0 145	1996.6500244	451140	332465.41	-30.22	89.15	-29.77	-29.22	89.03
-28.77	-30.64							
0 146	1996.6771240	453787	335174.19	-31.95	90.14	-28.95	-30.95	90.05
-27.94	-30.92							
0 147	1996.7042236	439071	324765.50	-27.89	89.57	-27.75	-26.89	89.51
-26.75	-30.70							
0 148	1996.7313232	435372	321752.41	-23.72	91.32	-26.29	-22.68	91.29

-25.28	-30.01								
0 149	1996.7584229	457197	336782.19	-24.60	88.27	-24.70	-23.59	88.25	
-23.68	-28.95								
999 150	1996.7855225	437494	327009.00	-26.63	92.81	-23.30	-25.61	92.76	
-22.26	-27.79								
0 151	1996.8125000	460333	338426.31	-21.15	88.42	-22.58	-20.11	88.40	
-21.53	-27.06								
0 152	1996.8395996	464439	340242.31	-18.49	88.18	-22.82	-17.44	88.19	
-21.77	-27.03								
0 153	1996.8666992	457850	335591.50	-21.58	91.06	-23.87	-20.53	91.02	
-22.81	-27.57								
0 154	1996.8937988	464925	339475.19	-28.31	90.08	-25.36	-27.24	89.95	
-24.30	-28.38								
0 155	1996.9208984	467706	338770.91	-27.57	88.75	-26.94	-26.49	88.57	
-25.87	-29.15								
0 156	1996.9479980	471980	340271.50	-26.82	87.87	-28.34	-25.74	87.65	
-27.26	-29.69								
0 157	1996.9750977	463122	333003.31	-31.00	92.00	-29.77	-29.91	91.73	
-28.68	-30.25								
0 158	1997.0021973	474409	341205.41	-32.62	92.51	-30.86	-31.53	92.26	
-29.76	-30.53								
0 159	1997.0294189	475281	341201.91	-30.61	92.05	-31.69	-29.50	91.82	
-30.59	-30.65								
0 160	1997.0565186	474346	342074.59	-34.42	93.58	-32.29	-33.30	93.29	
-31.18	-30.65								
0 161	1997.0837402	474995	342599.00	-32.29	92.27	-32.71	-31.17	91.95	
-31.59	-30.59								
999 162	1997.1108398	484087	350731.09	-34.04	96.54	-32.98	-32.93	96.19	
-31.85	-30.50								
0 163	1997.1380615	471364	341191.59	-33.43	92.79	-33.07	-32.31	92.40	
-31.94	-30.32								
0 164	1997.1651611	469683	338971.91	-33.26	93.75	-32.97	-32.12	93.39	
-31.83	-30.00								
0 165	1997.1923828	467137	336166.91	-34.22	96.70	-32.70	-33.07	96.33	
-31.55	-29.54								
0 166	1997.2194824	467796	335739.81	-31.94	93.30	-32.39	-30.78	92.87	
-31.23	-29.03								
0 167	1997.2467041	469144	337733.09	-30.75	92.76	-32.28	-29.58	92.33	
-31.11	-28.68								
0 168	1997.2739258	467303	334834.69	-29.85	92.19	-32.20	-28.67	91.78	
-31.02	-28.32								
0 169	1997.3010254	468591	335934.69	-35.06	91.87	-32.20	-33.87	91.42	
-31.01	-28.01								
0 170	1997.3282471	470769	337743.41	-33.79	91.31	-32.12	-32.59	90.92	
-30.93	-27.60								
0 171	1997.3553467	469020	336217.50	-29.95	90.03	-31.83	-28.74	89.76	
-30.63	-26.97								
0 172	1997.3825684	469779	338019.00	-33.29	92.59	-31.37	-32.08	92.30	
-30.16	-26.23								
0 173	1997.4096680	468955	337475.50	-28.30	94.20	-30.79	-27.08	93.91	
-29.58	-25.47								
999 174	1997.4368896	228006	166582.70	-30.45	101.61	-30.21	-29.25	101.32	
-28.99	-24.84								
0 175	1997.4639893	468902	338764.69	-31.40	94.72	-29.50	-30.18	94.44	
-28.28	-24.27								
0 176	1997.4912109	460522	333469.50	-29.49	97.31	-28.62	-28.27	97.10	
-27.39	-23.73								
0 177	1997.5183105	463575	338518.81	-29.41	97.61	-27.55	-28.17	97.43	
-26.32	-23.22								
0 178	1997.5455322	462730	338880.00	-23.49	98.56	-26.26	-22.26	98.45	
-25.03	-22.71								
0 179	1997.5727539	459510	336973.81	-25.03	99.94	-24.62	-23.78	99.87	
-23.38	-22.01								
999 180	1997.5998535	446294	332560.41	-26.25	106.77	-22.95	-25.00	106.67	
-21.70	-21.42								
0 181	1997.6270752	455302	335732.19	-22.09	103.81	-21.21	-20.84	103.78	
-19.95	-20.83								

0 182	1997.6541748	447178	330119.81	-19.69	107.03	-19.68	-18.42	107.08
-18.41	-20.46							
0 183	1997.6813965	444507	327990.50	-18.33	108.30	-18.40	-17.06	108.39
-17.13	-20.27							
0 184	1997.7084961	450537	332593.59	-16.51	111.21	-17.28	-15.24	111.30
-16.00	-20.09							
0 185	1997.7357178	444677	328335.00	-15.02	110.66	-16.31	-13.73	110.77
-15.02	-19.85							
999 186	1997.7628174	418375	310488.81	-8.73	116.34	-15.93	-7.43	116.48
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0 187	1997.7900391	453687	332074.59	-13.18	114.94	-15.42	-11.86	115.07
-14.10	-19.65							
0 188	1997.8171387	457927	334015.09	-16.56	114.90	-15.72	-15.24	114.99
-14.40	-19.90							
0 189	1997.8443604	458213	333342.59	-13.72	116.71	-16.45	-12.39	116.77
-15.12	-20.30							
0 190	1997.8715820	458614	333316.50	-17.47	119.65	-17.65	-16.14	119.64
-16.32	-20.97							
0 191	1997.8986816	452668	328762.19	-20.02	117.33	-18.70	-18.70	117.29
-17.36	-21.30							
0 192	1997.9259033	461741	334166.59	-17.92	120.07	-19.98	-16.57	119.99
-18.63	-21.76							
0 193	1997.9530029	457573	328881.00	-22.89	119.76	-21.29	-21.53	119.62
-19.94	-22.21							
0 194	1997.9802246	470446	338200.00	-22.33	115.81	-22.37	-20.96	115.65
-21.01	-22.43							
0 195	1998.0073242	466103	336655.41	-26.40	114.74	-23.14	-25.05	114.55
-21.78	-22.41							
0 196	1998.0345459	457486	328934.41	-22.99	108.95	-23.58	-21.62	108.80
-22.20	-22.14							
999 197	1998.0616455	413152	300689.59	-26.04	113.46	-23.74	-24.68	113.25
-22.35	-21.73							
0 198	1998.0888672	464700	333876.81	-23.54	111.16	-23.79	-22.15	110.92
-22.39	-21.32							
0 199	1998.1159668	463716	333776.81	-23.32	107.64	-23.82	-21.91	107.39
-22.41	-21.00							
0 200	1998.1431885	466324	336012.41	-24.33	105.97	-23.80	-22.91	105.67
-22.38	-20.72							
0 201	1998.1704102	465792	336081.31	-25.32	106.05	-23.67	-23.89	105.78
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0 202	1998.1975098	464629	334894.69	-22.30	102.43	-23.40	-20.85	102.14
-21.96	-19.91							
0 203	1998.2247314	463679	334217.19	-23.31	103.81	-23.21	-21.86	103.43
-21.76	-19.52							
0 204	1998.2518311	458792	329422.41	-22.91	100.74	-22.96	-21.45	100.42
-21.51	-19.03							
0 205	1998.2790527	459360	330466.00	-21.94	101.08	-22.98	-20.49	100.75
-21.52	-18.77							
0 206	1998.3061523	462167	332319.31	-22.13	100.51	-23.31	-20.65	100.18
-21.85	-18.78							
0 207	1998.3333740	461653	331593.59	-23.09	101.01	-24.02	-21.62	100.70
-22.55	-19.15							
0 208	1998.3604736	464750	335003.31	-26.49	99.91	-25.10	-25.03	99.65
-23.63	-19.91							
999 209	1998.3876953	424189	310354.50	-24.75	104.15	-26.17	-23.29	103.86
-24.69	-20.71							
0 210	1998.4147949	438071	315472.91	-28.10	101.85	-27.30	-26.63	101.53
-25.82	-21.69							
0 211	1998.4420166	456892	330459.59	-28.59	102.29	-27.77	-27.09	101.97
-26.28	-22.14							
0 212	1998.4692383	467689	339319.50	-29.37	100.47	-27.84	-27.87	100.23
-26.35	-22.39							
0 213	1998.4963379	464417	337666.19	-26.46	97.90	-27.72	-24.96	97.69
-26.21	-22.64							
0 214	1998.5235596	466393	339490.41	-26.32	94.88	-27.54	-24.81	94.72
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0 215	1998.5506592	460129	336226.59	-28.75	96.71	-27.21	-27.24	96.59

-25.70	-23.55								
999 216	1998.5778809	379989	282197.00	-27.65	101.94	-26.93	-26.18	101.83	
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0 217	1998.6049805	453212	333286.81	-27.00	94.84	-26.01	-25.48	94.70	
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0 218	1998.6322021	453643	334161.50	-27.48	94.75	-25.27	-25.96	94.66	
-23.74	-24.85								
0 219	1998.6593018	448144	330383.91	-24.08	95.13	-24.16	-22.52	95.12	
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0 220	1998.6865234	446077	330580.00	-22.05	93.48	-23.04	-20.52	93.51	
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0 221	1998.7136230	454751	336295.91	-21.27	92.48	-22.02	-19.73	92.51	
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0 222	1998.7408447	450647	333360.81	-21.14	91.24	-21.27	-19.59	91.22	
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0 223	1998.7680664	450681	332838.00	-19.33	94.24	-20.38	-17.77	94.28	
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999 224	1998.7951660	457108	341048.91	-23.38	100.53	-19.87	-21.80	100.53	
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0 225	1998.8223877	455719	335000.19	-18.15	92.25	-19.75	-16.57	92.32	
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0 226	1998.8494873	458494	335980.81	-19.37	90.28	-19.97	-17.77	90.24	
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0 227	1998.8767090	448476	327583.09	-20.03	90.98	-20.41	-18.43	90.84	
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0 228	1998.9038086	449937	327359.00	-23.74	90.62	-20.77	-22.13	90.37	
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0 229	1998.9310303	463591	336336.09	-18.09	89.12	-21.18	-16.46	88.92	
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0 230	1998.9581299	434736	313960.09	-22.42	88.59	-21.59	-20.79	88.37	
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0 231	1998.9853516	438049	316068.41	-21.89	88.02	-22.03	-20.27	87.78	
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0 232	1999.0124512	446380	321993.59	-23.75	87.89	-22.48	-22.13	87.59	
-20.84	-21.33								
0 233	1999.0396729	468328	337581.00	-21.95	86.61	-22.89	-20.29	86.21	
-21.24	-21.07								
999 234	1999.0668945	476215	345878.59	-28.18	95.84	-23.16	-26.54	95.36	
-21.49	-20.77								
0 235	1999.0939941	466063	335643.81	-26.90	91.91	-23.20	-25.23	91.50	
-21.51	-20.37								
0 236	1999.1212158	337311	243213.09	-20.22	91.02	-23.08	-18.49	90.60	
-21.39	-19.93								
0 237	1999.1483154	467204	336774.59	-23.28	89.50	-22.97	-21.60	89.03	
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0 238	1999.1755371	467048	336115.81	-22.08	89.49	-22.97	-20.37	88.97	
-21.26	-19.36								
0 239	1999.2026367	467850	336506.00	-23.87	91.56	-23.09	-22.15	91.04	
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0 240	1999.2298584	466320	336608.81	-22.53	94.13	-23.31	-20.80	93.53	
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0 241	1999.2569580	469939	337699.31	-24.66	94.57	-23.51	-22.93	93.96	
-21.78	-19.26								
0 242	1999.2841797	470105	337968.31	-22.63	94.25	-23.86	-20.88	93.76	
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999 243	1999.3112793	448145	325850.81	-27.63	101.72	-24.38	-25.89	101.26	
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0 244	1999.3385010	466655	335862.41	-25.37	92.11	-25.01	-23.63	91.62	
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0 245	1999.3657227	467505	337274.59	-23.93	89.77	-25.61	-22.18	89.30	
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0 246	1999.3928223	468096	339164.91	-28.00	90.06	-26.05	-26.25	89.56	
-24.29	-20.28								
0 247	1999.4200439	466586	337947.91	-25.82	88.43	-26.24	-24.05	88.01	
-24.48	-20.33								
0 248	1999.4471436	466867	338184.69	-28.46	88.83	-26.13	-26.69	88.43	
-24.36	-20.24								

0 249	1999.4743652	467583	339899.31	-25.88	85.35	-25.58	-24.11	84.93
-23.81	-19.91							
0 250	1999.5014648	460077	336527.81	-24.40	86.12	-25.10	-22.61	85.77
-23.32	-19.85							
0 251	1999.5286865	460374	336980.31	-24.11	85.65	-24.39	-22.33	85.36
-22.61	-19.78							
0 252	1999.5557861	456149	334388.59	-24.51	86.03	-23.60	-22.72	85.76
-21.81	-19.83							
0 253	1999.5830078	456648	336625.19	-22.88	87.21	-22.66	-21.10	87.03
-20.87	-19.90							
0 254	1999.6101074	451415	333985.09	-22.82	87.56	-21.47	-21.03	87.46
-19.67	-19.83							
0 255	1999.6373291	452254	334245.19	-17.72	86.15	-19.93	-15.92	86.11
-18.12	-19.45							
999 256	1999.6645508	178416	133426.50	-22.22	96.65	-18.13	-20.37	96.62
-16.32	-18.79							
0 257	1999.6916504	454482	336270.91	-17.40	88.08	-16.41	-15.57	88.08
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0 258	1999.7188721	451890	333600.31	-14.50	87.88	-15.02	-12.67	87.93
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0 259	1999.7459717	447930	331052.31	-15.14	90.06	-14.27	-13.30	90.16
-12.43	-17.48							
0 260	1999.7731934	450034	331961.41	-10.26	88.04	-13.49	-8.40	88.14
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0 261	1999.8002930	450177	331971.31	-11.89	88.57	-13.39	-10.07	88.56
-11.53	-17.09							
0 262	1999.8275146	461828	339185.81	-13.70	88.84	-13.77	-11.84	88.82
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0 263	1999.8546143	461089	337237.09	-15.31	90.09	-14.13	-13.43	90.11
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0 264	1999.8818359	448944	326439.31	-14.68	88.09	-14.56	-12.77	88.05
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0 265	1999.9089355	465623	338373.19	-16.11	87.37	-14.83	-14.22	87.23
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999 266	1999.9361572	445588	326688.50	-14.08	92.05	-15.05	-12.21	91.86
-13.14	-15.94							
0 267	1999.9633789	469932	340328.41	-13.59	86.82	-15.40	-11.66	86.60
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0 268	1999.9904785	466291	337722.91	-13.53	86.21	-16.00	-11.62	85.94
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0 269	2000.0175781	464501	336181.00	-19.15	84.60	-16.78	-17.23	84.29
-14.86	-15.22							
0 270	2000.0446777	473661	341202.59	-17.31	85.45	-17.64	-15.38	85.16
-15.71	-15.43							
0 271	2000.0717773	467361	336829.91	-16.68	87.54	-18.41	-14.74	87.11
-16.47	-15.67							
0 272	2000.0988770	466539	336718.91	-21.21	88.53	-19.03	-19.27	87.99
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0 273	2000.1259766	469893	339658.41	-21.54	89.01	-19.65	-19.61	88.53
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0 274	2000.1530762	421424	304057.41	-19.09	90.68	-19.83	-17.13	90.10
-17.87	-16.13							
0 275	2000.1801758	457896	329844.09	-19.81	90.81	-19.81	-17.83	90.25
-17.84	-15.91							
0 276	2000.2072754	468956	337490.00	-20.76	92.05	-19.75	-18.77	91.43
-17.77	-15.66							
0 277	2000.2343750	466876	335371.69	-17.62	92.93	-19.88	-15.62	92.34
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999 278	2000.2614746	272137	198131.00	-21.90	99.74	-20.41	-19.92	99.15
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0 279	2000.2885742	468328	337500.50	-19.96	90.88	-21.30	-17.95	90.34
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0 280	2000.3156738	465552	335449.09	-21.65	91.31	-22.27	-19.62	90.77
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0 281	2000.3426514	467755	336968.19	-24.70	91.18	-23.07	-22.67	90.58
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0 282	2000.3697510	466247	337181.50	-24.95	91.31	-23.43	-22.92	90.81

-21.40	-17.59								
0 283	2000.3968506	466746	337398.00	-24.04	89.60	-23.82	-22.00	89.22	
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0 284	2000.4239502	465723	337852.69	-22.92	88.17	-23.83	-20.85	87.78	
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0 285	2000.4510498	466911	339836.50	-23.97	87.02	-23.87	-21.92	86.57	
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0 286	2000.4781494	465061	338068.41	-24.74	88.21	-23.77	-22.71	87.84	
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0 287	2000.5052490	463298	339099.59	-24.13	86.87	-23.49	-22.08	86.49	
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0 288	2000.5323486	455818	333681.00	-22.21	87.44	-22.91	-20.14	87.15	
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999 289	2000.5594482	428809	318195.19	-22.07	92.74	-21.93	-20.03	92.48	
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0 290	2000.5865479	451029	332202.19	-23.77	86.71	-20.62	-21.70	86.57	
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0 291	2000.6136475	442838	327514.50	-19.36	85.53	-19.19	-17.31	85.39	
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0 292	2000.6407471	454562	336389.91	-15.58	86.61	-17.59	-13.51	86.63	
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0 293	2000.6678467	451755	335086.50	-18.09	87.82	-16.24	-16.01	87.80	
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0 294	2000.6949463	451726	334259.09	-17.03	89.50	-14.57	-14.94	89.54	
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0 295	2000.7220459	438243	324659.59	-11.80	86.27	-13.05	-9.71	86.38	
-10.95	-15.44								
0 296	2000.7491455	447635	329627.81	-8.27	83.88	-11.39	-6.14	84.07	
-9.28	-14.39								
0 297	2000.7761230	456391	335642.19	-7.83	83.76	-10.40	-5.71	83.91	
-8.28	-13.75								
0 298	2000.8032227	455979	335024.50	-10.64	86.41	-10.05	-8.51	86.55	
-7.92	-13.48								
999 299	2000.8303223	438267	325323.31	-2.42	92.11	-10.31	-0.28	92.40	
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0 300	2000.8574219	458671	333634.41	-8.94	84.79	-11.17	-6.77	84.92	
-9.03	-13.98								
0 301	2000.8845215	416078	303676.09	-12.01	85.39	-11.88	-9.91	85.34	
-9.73	-14.06								
0 302	2000.9116211	437408	317386.09	-12.29	84.01	-12.81	-10.12	83.85	
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0 303	2000.9387207	466141	336313.19	-14.23	84.71	-13.70	-12.09	84.48	
-11.53	-14.25								
0 304	2000.9658203	473528	340412.19	-15.51	85.31	-14.49	-13.32	85.05	
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0 305	2000.9929199	470078	337714.69	-14.78	83.08	-15.04	-12.58	82.75	
-12.85	-13.89								
0 306	2001.0200195	466744	335444.00	-17.01	82.77	-15.70	-14.79	82.43	
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999 307	2001.0472412	386154	279370.41	-15.47	88.02	-16.09	-13.22	87.64	
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0 308	2001.0743408	470140	338856.69	-16.66	83.97	-16.26	-14.44	83.45	
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0 309	2001.1015625	471382	340270.50	-15.34	86.36	-16.21	-13.11	85.92	
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0 310	2001.1287842	469494	339255.91	-18.73	88.44	-16.00	-16.51	87.92	
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0 311	2001.1558838	467507	335882.81	-15.45	88.52	-15.72	-13.19	87.96	
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0 312	2001.1831055	468813	336780.50	-11.71	87.65	-15.51	-9.45	87.12	
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0 313	2001.2102051	463639	332608.41	-17.83	87.55	-15.54	-15.54	86.84	
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0 315	2001.2645264	465744	334893.91	-15.68	88.51	-15.75	-13.37	87.77	
-13.46	-10.86								

-13.86	0 316	2001.2917480	466786	335406.41	-14.11	86.41	-16.16	-11.82	85.76
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-15.09	0 318	2001.3460693	464756	335453.69	-18.39	86.10	-17.40	-16.07	85.59
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-15.80	0 320	2001.4003906	464358	334685.81	-18.62	83.80	-18.12	-16.31	83.24
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-14.96	0 322	2001.4547119	465361	335373.50	-19.63	84.06	-17.28	-17.32	83.62
-13.99	0 323	2001.4819336	453490	329409.69	-16.49	84.11	-16.31	-14.18	83.80
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-10.37	0 327	2001.5905762	443014	325287.41	-11.15	84.85	-12.72	-8.82	84.83
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-7.84	0 329	2001.6448975	457137	336115.00	-13.09	85.84	-10.21	-10.71	85.94
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-2.82	0 333	2001.7535400	451810	333634.59	-0.99	83.95	-5.21	1.40	84.29
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-3.34	0 335	2001.8078613	456359	334477.31	-10.65	88.01	-5.76	-8.24	88.29
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-3.78	0 337	2001.8621826	460509	336671.59	-2.20	85.92	-6.21	0.23	86.23
-4.34	0 338	2001.8894043	425295	310058.69	-6.23	84.63	-6.78	-3.79	84.70
-5.25	0 339	2001.9165039	465064	338868.69	-6.85	83.72	-7.70	-4.40	83.71
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-7.24	0 341	2001.9708252	464322	336731.50	-10.45	83.89	-9.71	-7.98	83.78
-7.97	0 342	2001.9980469	467235	337776.19	-8.25	84.71	-10.44	-5.77	84.62
-8.48	0 343	2002.0252686	458572	330952.41	-13.65	84.74	-10.96	-11.16	84.45
-8.79	0 344	2002.0523682	462666	333589.59	-11.73	82.11	-11.28	-9.26	81.75
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-9.00	0 346	2002.1066895	464939	335432.31	-12.82	82.89	-11.50	-10.31	82.55
-9.11	0 347	2002.1339111	468415	338063.19	-11.83	83.04	-11.62	-9.31	82.69
-9.36	0 348	2002.1610107	460917	332203.09	-8.42	81.32	-11.89	-5.88	80.90
	0 349	2002.1882224	462172	332776.50	-12.84	82.81	-12.21	-11.22	82.25

0 349	2002.1882324	465175	333770.50	-13.84	82.71	-12.51	-11.52	82.25
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0 352	2002.2696533	463944	332443.19	-11.49	82.62	-13.71	-8.90	82.05
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0 353	2002.2968750	433538	311122.91	-16.34	80.25	-14.13	-13.77	79.64
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0 354	2002.3240967	461059	332306.69	-14.46	80.89	-14.52	-11.85	80.43
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0 362	2002.5413818	468440	342747.50	-10.97	84.14	-10.90	-8.35	84.13
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0 363	2002.5684814	469184	344549.50	-8.90	85.15	-9.21	-6.29	85.33
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0 364	2002.5957031	467206	342773.09	-6.92	83.40	-7.71	-4.32	83.61
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0 365	2002.6229248	467574	343881.69	-3.97	86.14	-6.52	-1.35	86.44
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0 366	2002.6500244	463771	342174.19	-6.66	88.11	-5.60	-4.03	88.45
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0 367	2002.6772461	462445	341597.59	-5.39	92.58	-4.81	-2.76	92.99
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0 368	2002.7043457	463055	340799.00	-4.20	92.38	-4.00	-1.54	92.80
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0 369	2002.7315674	464519	341310.81	-2.24	91.64	-3.14	0.42	92.05
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0 370	2002.7586670	464650	340812.91	-3.70	91.46	-2.28	-1.02	91.82
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0 371	2002.7858887	465878	341487.19	-1.13	95.76	-1.60	1.56	96.28
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0 372	2002.8129883	463071	338251.91	2.86	96.10	-1.32	5.57	96.64
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0 373	2002.8402100	467194	341276.41	-1.98	95.04	-1.56	0.68	95.36
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0 375	2002.8945312	476314	344851.41	-2.92	91.69	-3.29	-0.21	91.87
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0 376	2002.9217529	476671	344162.69	-5.40	91.56	-4.38	-2.66	91.71
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0 377	2002.9488525	478361	343371.59	-5.68	91.94	-5.38	-2.92	92.09
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0 378	2002.9760742	481306	345741.09	-5.72	90.15	-6.18	-2.97	90.22
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0 379	2003.0031738	481332	346090.31	-7.88	89.65	-6.67	-5.14	89.45
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0 380	2003.0303955	481369	347118.81	-10.39	90.61	-6.80	-7.62	90.32
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0 381	2003.0574951	472170	340525.31	-4.53	87.68	-6.71	-1.80	87.53
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0 382	2003.0847168	480404	346990.81	-5.52	87.44	-6.72	-2.74	87.21

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0 383	2003.1118164	478605	345814.59	-4.09	86.95	-7.01	-1.34	86.75
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0 384	2003.1390381	478913	345825.00	-9.63	88.55	-7.51	-6.85	88.26
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0 385	2003.1661377	471223	339320.81	-9.64	89.53	-7.97	-6.84	89.15
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0 386	2003.1933594	477875	344150.31	-8.79	90.44	-8.21	-6.01	90.07
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0 387	2003.2204590	478259	344419.69	-7.53	88.42	-8.30	-4.71	88.03
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0 388	2003.2476807	473641	340777.59	-7.43	86.66	-8.41	-4.60	86.32
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0 389	2003.2749023	457051	328674.09	-8.14	85.28	-8.69	-5.31	84.88
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0 390	2003.3020020	475093	342688.59	-9.25	86.30	-9.11	-6.41	85.80
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0 391	2003.3292236	478054	344267.41	-10.24	85.95	-9.58	-7.37	85.56
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0 392	2003.3563232	484144	348624.41	-10.32	84.80	-10.05	-7.45	84.40
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0 393	2003.3835449	476264	344070.41	-9.43	85.59	-10.50	-6.55	85.21
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0 394	2003.4106445	478279	345217.69	-10.65	83.48	-10.89	-7.76	83.14
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0 395	2003.4378662	476053	343631.19	-13.61	83.88	-11.12	-10.73	83.58
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0 396	2003.4649658	474498	343901.31	-10.62	82.46	-11.06	-7.74	82.39
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0 397	2003.4921875	472657	343134.19	-12.40	83.25	-10.65	-9.51	83.24
-7.76	-4.11							
0 398	2003.5192871	472237	345183.91	-10.25	84.41	-9.94	-7.36	84.45
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0 399	2003.5465088	468807	343924.00	-7.87	85.02	-9.03	-5.00	85.24
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0 400	2003.5737305	462796	340435.81	-9.00	86.43	-7.99	-6.10	86.61
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0 401	2003.6008301	463840	341108.41	-6.48	85.65	-6.81	-3.60	86.05
-3.92	-3.68							
0 402	2003.6280518	464627	341525.59	-8.24	85.55	-5.46	-5.33	85.93
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0 403	2003.6551514	464638	341903.81	-2.27	88.78	-4.02	0.63	89.24
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0 404	2003.6823730	461722	341390.41	-1.05	87.13	-2.66	1.84	87.61
0.25	-2.93							
0 405	2003.7094727	421051	310627.00	-2.08	87.16	-1.49	0.83	87.74
1.42	-2.70							
0 406	2003.7366943	461362	340454.69	-0.59	88.75	-0.57	2.33	89.39
2.35	-2.50							
0 407	2003.7637939	460487	339943.09	1.60	89.56	0.05	4.52	90.22
2.98	-2.36							
0 408	2003.7910156	465592	342583.31	0.22	88.96	0.23	3.16	89.51
3.17	-2.38							
0 409	2003.8181152	464118	341195.50	3.95	90.58	-0.10	6.90	91.24
2.85	-2.64							
0 410	2003.8453369	467282	343547.69	-1.21	90.37	-0.86	1.72	90.90
2.12	-3.05							
0 411	2003.8725586	405682	296773.91	-3.06	87.59	-1.71	-0.12	88.01
1.29	-3.34							
0 412	2003.8996582	81829	59231.90	-5.96	94.56	-2.35	-2.76	94.70
0.67	-3.25							
0 413	2003.9268799	472820	342312.69	-1.11	87.15	-2.70	1.89	87.33
0.33	-2.77							
0 414	2003.9539795	478832	345884.31	-0.81	85.64	-2.89	2.20	85.81
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0 415	2003.9812012	484426	348676.81	-4.55	85.41	-3.06	-1.52	85.36
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0	416	2004.0083008	484024	348888.00	-5.42	85.11	-3.28	-2.39	84.90
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0	417	2004.0354004	475554	341344.50	-0.74	87.18	-3.69	2.32	87.20
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0	418	2004.0625000	474247	340621.59	-1.50	86.22	-4.41	1.55	86.13
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0	419	2004.0895996	482153	347120.59	-5.32	84.05	-5.36	-2.27	83.78
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0	420	2004.1166992	348570	251264.41	-11.11	86.05	-6.22	-8.10	85.48
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0	421	2004.1437988	301505	216764.00	-7.32	83.24	-6.68	-4.14	82.81
-3.59		-1.92							
0	422	2004.1708984	481309	346611.59	-5.50	84.90	-6.72	-2.40	84.44
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0	423	2004.1979980	479280	345187.19	-7.21	85.88	-6.55	-4.11	85.45
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0	424	2004.2250977	476235	342556.19	-5.95	86.62	-6.44	-2.81	86.31
-3.31		-1.06							
0	425	2004.2521973	376307	270489.69	-5.22	87.55	-6.55	-2.07	86.99
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0	426	2004.2791748	477353	342829.59	-6.91	87.76	-7.03	-3.77	87.18
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0	427	2004.3062744	477856	344217.00	-5.25	86.00	-7.91	-2.09	85.39
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0	428	2004.3333740	481968	347252.00	-9.67	83.55	-9.04	-6.52	83.11
-5.89		-2.49							
0	429	2004.3604736	483783	348472.81	-10.99	83.57	-10.14	-7.84	83.06
-6.99		-3.28							
0	430	2004.3875732	479701	345150.41	-13.90	86.05	-10.87	-10.75	85.53
-7.72		-3.75							
0	431	2004.4146729	479534	345537.50	-10.79	84.11	-11.03	-7.64	83.77
-7.87		-3.74							
0	432	2004.4417725	480036	345914.59	-12.46	83.28	-10.57	-9.30	83.02
-7.41		-3.27							
0	433	2004.4688721	472118	342508.31	-11.74	84.41	-9.66	-8.56	84.20
-6.50		-2.54							
0	434	2004.4959717	463312	336771.19	-5.98	83.31	-8.58	-2.83	83.28
-5.42		-1.84							
0	435	2004.5230713	468236	340750.69	-6.15	84.11	-7.58	-2.99	84.07
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0	436	2004.5501709	468055	341990.00	-6.97	86.17	-6.69	-3.82	86.20
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0	437	2004.5772705	461955	340263.91	-7.89	83.96	-5.75	-4.74	84.09
-2.60		-1.41							
0	438	2004.6043701	462182	340936.91	-5.75	85.30	-4.58	-2.59	85.58
-1.42		-1.33							
0	439	2004.6314697	466520	343997.59	-2.24	87.27	-3.17	0.91	87.74
0.00		-1.07							
0	440	2004.6585693	462982	342465.00	-1.47	88.21	-1.67	1.72	88.65
1.51		-0.72							
0	441	2004.6856689	459459	340559.09	-1.09	89.08	-0.32	2.10	89.63
2.86		-0.44							
0	442	2004.7126465	458587	340044.19	4.54	90.08	0.70	7.73	90.71
3.89		-0.33							
0	443	2004.7397461	460318	340425.81	0.86	87.65	1.29	4.06	88.29
4.49		-0.43							
0	444	2004.7668457	460514	340703.59	1.47	89.30	1.47	4.66	90.04
4.68		-0.70							
0	445	2004.7939453	452769	333500.81	3.23	87.73	1.33	6.48	88.47
4.55		-1.01							
0	446	2004.8210449	459414	338099.50	0.07	88.42	1.02	3.28	88.92
4.25		-1.22							
0	447	2004.8481445	468700	342718.09	0.37	88.64	0.65	3.61	89.20
3.90		-1.22							
0	448	2004.8752441	469369	342481.91	1.15	88.71	0.35	4.41	89.18
3.61		-0.95							
0	449	2004.9023438	468501	339902.50	-2.47	87.74	0.16	0.83	88.03

3.43	-0.41								
0	450	2004.9294434	477108	345803.50	1.51	87.15	-0.00	4.78	87.44
3.28	0.26								
0	451	2004.9565430	470108	339093.69	0.07	87.53	-0.32	3.37	87.74
2.97	0.82								
0	452	2004.9836426	481383	347023.19	2.82	85.87	-0.88	6.11	86.20
2.42	1.11								
0	453	2005.0107422	485027	349760.81	-4.05	87.15	-1.55	-0.74	87.18
1.75	1.21								
0	454	2005.0379639	476557	343531.41	-5.01	86.45	-2.06	-1.72	86.42
1.25	1.38								
0	455	2005.0650635	478441	342994.31	-1.95	86.25	-2.21	1.39	86.14
1.11	1.80								
0	456	2005.0922852	481041	346597.41	-1.76	85.16	-2.04	1.56	84.93
1.29	2.41								
0	457	2005.1193848	471260	339456.41	-1.52	86.30	-1.73	1.82	86.07
1.60	3.04								
0	458	2005.1466064	466589	335766.41	-2.73	87.43	-1.52	0.62	87.07
1.82	3.51								
0	459	2005.1737061	477433	343647.00	1.50	90.65	-1.57	4.85	90.33
1.78	3.67								
0	460	2005.2009277	477077	342722.09	0.28	90.26	-1.92	3.62	89.99
1.44	3.51								
0	461	2005.2280273	468729	337142.69	-5.77	86.63	-2.45	-2.40	86.29
0.93	3.20								
0	462	2005.2552490	481943	347386.81	-4.19	84.23	-2.97	-0.81	83.83
0.42	2.93								
0	463	2005.2823486	476192	342524.91	-0.23	84.53	-3.40	3.19	84.14
-0.00	2.79								
0	464	2005.3095703	477959	342987.31	-5.28	85.94	-3.76	-1.83	85.64
-0.35	2.76								
0	465	2005.3367920	479677	345465.19	-4.92	86.10	-4.04	-1.53	85.82
-0.62	2.82								
0	466	2005.3638916	478506	344220.19	-4.22	85.72	-4.21	-0.80	85.25
-0.80	2.95								
0	467	2005.3911133	474052	341612.00	-3.70	84.87	-4.27	-0.29	84.44
-0.86	3.14								
0	468	2005.4182129	481976	348030.81	-4.80	83.79	-4.22	-1.38	83.64
-0.79	3.35								
0	469	2005.4454346	481595	348749.41	-4.89	83.48	-4.02	-1.46	83.37
-0.59	3.54								
0	470	2005.4725342	476251	345875.09	-3.54	82.53	-3.67	-0.10	82.48
-0.24	3.68								
0	471	2005.4997559	473700	345290.31	-4.34	83.68	-3.18	-0.91	83.62
0.26	3.77								
0	472	2005.5268555	467736	341787.41	-0.76	82.53	-2.62	2.67	82.90
0.82	3.70								
0	473	2005.5540771	468959	343816.69	-2.99	83.14	-2.01	0.46	83.35
1.43	3.47								
0	474	2005.5811768	453997	333915.00	-1.87	83.07	-1.29	1.57	83.38
2.15	3.19								
0	475	2005.6083984	463312	341762.31	-0.78	82.60	-0.36	2.66	83.05
3.09	3.01								
0	476	2005.6356201	457717	337768.41	-0.15	83.14	0.82	3.28	83.67
4.28	3.03								
0	477	2005.6627197	460882	340184.09	1.51	84.01	2.18	4.96	84.53
5.65	3.25								
0	478	2005.6899414	461748	340801.81	4.44	86.09	3.51	7.92	86.73
6.98	3.52								
0	479	2005.7170410	267180	197489.59	6.87	92.95	4.55	10.37	93.63
8.03	3.68								
0	480	2005.7442627	288616	213977.00	6.33	84.87	5.17	9.87	85.80
8.66	3.64								
0	481	2005.7713623	459566	338683.91	5.62	84.06	5.49	9.09	84.72
8.98	3.55								
0	482	2005.7985840	463732	340695.31	3.71	84.18	5.74	7.20	84.68
9.23	3.67								

0	483	2005.8256836	462887	340537.31	5.08	86.64	6.09	8.56	87.21
9.58		4.15							
0	484	2005.8529053	466555	342099.59	8.01	87.90	6.43	11.48	88.57
9.94		4.90							
0	485	2005.8800049	465250	339754.00	8.30	86.87	6.53	11.83	87.35
10.05		5.61							
0	486	2005.9072266	472885	343508.91	7.51	84.44	6.17	11.08	84.90
9.72		6.02							
0	487	2005.9344482	478930	346964.69	5.41	83.59	5.33	8.97	84.00
8.89		6.03							
0	488	2005.9615479	480010	345996.81	4.63	84.65	4.10	8.20	84.76
7.66		5.67							
0	489	2005.9887695	476881	343064.41	4.02	84.95	2.64	7.61	84.95
6.22		5.06							
0	490	2006.0158691	481582	346973.19	-0.22	82.73	1.18	3.36	82.55
4.76		4.36							
0	491	2006.0430908	483074	348394.69	-1.89	83.27	-0.06	1.68	83.10
3.53		3.78							
0	492	2006.0701904	482020	347444.69	-1.37	84.98	-0.94	2.22	84.71
2.65		3.43							
0	493	2006.0974121	479350	344873.09	-1.55	85.90	-1.47	2.07	85.62
2.14		3.33							
0	494	2006.1245117	476331	343208.09	-2.85	85.76	-1.75	0.75	85.25
1.86		3.36							
0	495	2006.1517334	477682	343441.59	-1.52	87.76	-1.98	2.09	87.23
1.66		3.39							
0	496	2006.1788330	477787	343855.91	0.36	87.94	-2.25	4.02	87.41
1.40		3.32							
0	497	2006.2060547	481001	346265.00	-5.19	89.35	-2.59	-1.51	88.74
1.07		3.18							
0	498	2006.2332764	481869	346964.91	-2.70	89.19	-2.96	0.97	88.56
0.71		3.02							
0	499	2006.2603760	478745	345124.69	-2.49	86.41	-3.32	1.19	85.87
0.36		2.92							
0	500	2006.2875977	474526	340996.31	-3.51	87.00	-3.62	0.18	86.36
0.07		2.92							
0	501	2006.3146973	474075	340879.19	-4.98	86.64	-3.77	-1.27	86.09
-0.08		3.09							
0	502	2006.3419189	475375	342129.81	-5.34	84.69	-3.73	-1.65	84.27
-0.03		3.47							
0	503	2006.3690186	476287	342856.69	-3.02	83.91	-3.50	0.65	83.63
0.20		4.01							
0	504	2006.3962402	474218	342123.41	-1.47	83.90	-3.16	2.26	83.81
0.54		4.58							
0	505	2006.4233398	472424	341223.09	-3.99	83.79	-2.74	-0.31	83.57
0.95		5.10							
0	506	2006.4505615	477483	345070.91	-3.37	83.98	-2.19	0.33	83.83
1.51		5.61							
0	507	2006.4776611	476229	344362.81	-2.33	82.24	-1.45	1.38	82.32
2.25		6.11							
0	508	2006.5048828	468973	340539.59	0.20	81.95	-0.62	3.89	82.21
3.07		6.47							
0	509	2006.5321045	474990	346833.09	1.71	82.59	0.11	5.39	82.82
3.80		6.53							
0	510	2006.5592041	466158	342934.09	0.90	81.89	0.69	4.57	82.31
4.38		6.24							
0	511	2006.5864258	467641	343127.19	1.27	83.30	1.26	4.96	83.73
4.95		5.78							
0	512	2006.6135254	466053	343187.00	-0.92	86.05	2.09	2.76	86.41
5.78		5.48							
0	513	2006.6407471	461079	340310.19	1.77	86.17	3.33	5.47	86.75
7.03		5.55							
0	514	2006.6678467	457922	337688.69	5.40	89.09	4.83	9.13	89.90
8.54		5.93							
0	515	2006.6950684	458823	339475.41	8.17	88.49	6.24	11.88	89.37
9.95		6.31							
0	516	2006.7221690	448801	332846.81	10.45	88.18	7.25	14.16	90.14

10.97	0 516	2006.7221000	448801	332840.01	10.73	89.10	7.23	14.10	90.14
		6.48							
11.57	0 517	2006.7493896	460704	339878.69	6.71	89.11	7.85	10.46	90.08
		6.45							
11.89	0 518	2006.7764893	457410	337307.00	6.72	90.04	8.17	10.44	91.02
		6.41							
12.03	0 519	2006.8037109	463368	340632.59	9.74	89.15	8.31	13.49	90.12
		6.47							
11.90	0 520	2006.8309326	204019	149808.09	9.68	90.20	8.17	13.29	91.15
		6.53							
10.45	0 522	2006.8852539	366782	267350.81	8.47	89.49	6.68	12.30	90.04
		6.14							
9.49	0 523	2006.9123535	475061	345326.69	3.50	87.61	5.70	7.28	88.01
		5.95							
8.59	0 524	2006.9395752	461326	333206.50	6.56	87.89	4.78	10.31	88.34
		5.89							
7.71	0 525	2006.9666748	479795	344599.31	3.55	86.47	3.89	7.41	86.75
		5.88							
6.81	0 526	2006.9938965	484008	347981.31	3.16	83.70	2.98	7.01	83.95
		5.80							
5.98	0 527	2007.0209961	480513	345550.50	2.01	82.69	2.13	5.87	82.73
		5.71							
5.13	0 528	2007.0482178	478495	344866.69	0.77	83.70	1.28	4.61	83.54
		5.49							
4.57	0 529	2007.0753174	478535	344773.50	-0.04	86.03	0.71	3.83	85.94
		5.43							
4.31	0 530	2007.1025391	482193	347595.91	-0.93	86.89	0.43	2.92	86.55
		5.56							
4.27	0 531	2007.1297607	477375	343469.59	-0.52	85.82	0.39	3.38	85.37
		5.81							
4.31	0 532	2007.1568604	481245	346485.00	3.13	88.15	0.41	7.04	87.81
		6.08							
4.29	0 533	2007.1840820	478752	345584.09	-0.10	90.13	0.38	3.77	89.78
		6.25							
4.22	0 534	2007.2111816	476954	344302.69	0.02	89.94	0.30	3.93	89.54
		6.36							
4.13	0 535	2007.2384033	477098	344197.31	-1.46	88.28	0.20	2.51	87.86
		6.49							
3.98	0 536	2007.2655029	476659	343231.00	1.67	89.12	0.03	5.63	88.86
		6.59							
3.65	0 537	2007.2927246	475841	342382.19	1.24	86.51	-0.31	5.21	86.11
		6.56							
3.12	0 538	2007.3198242	475043	342166.31	0.25	84.98	-0.84	4.21	84.57
		6.35							
2.55	0 539	2007.3470459	475774	342732.31	-4.66	85.19	-1.41	-0.69	84.74
		6.11							
2.12	0 540	2007.3741455	477550	344979.91	-1.60	85.22	-1.84	2.35	85.03
		5.98							
1.92	0 541	2007.4013672	473090	342113.69	-1.82	83.35	-2.05	2.13	83.26
		5.99							
1.89	0 542	2007.4285889	478194	346307.81	-2.38	83.07	-2.08	1.58	82.89
		6.05							
1.98	0 543	2007.4556885	474958	343853.09	-2.79	81.96	-1.99	1.18	81.78
		6.05							
2.13	0 544	2007.4829102	475229	345273.59	-1.26	83.99	-1.84	2.73	84.06
		5.92							
2.36	0 545	2007.5100098	474161	346150.19	-1.35	84.66	-1.62	2.61	84.79
		5.65							
2.75	0 546	2007.5372314	472106	345519.69	-1.68	82.16	-1.24	2.30	82.45
		5.33							
3.39	0 547	2007.5643311	464446	340716.09	-2.92	81.21	-0.60	1.08	81.44
		5.07							
4.26	0 548	2007.5915527	465478	342995.91	-1.06	83.11	0.27	2.93	83.42
		4.88							
5.21	0 549	2007.6186523	463210	340800.91	5.01	82.80	1.21	8.99	83.31
		4.69							
6.07	0 550	2007.6458740	461334	339989.19	2.07	82.64	2.07	6.09	83.32
		4.07							

0.07	4.57								
0 551	2007.6729736	462666	341537.59	1.37	84.63	2.86	5.37	85.37	
6.87	4.05								
0 552	2007.7001953	460166	341047.69	2.26	86.17	3.67	6.27	86.95	
7.69	3.87								
0 553	2007.7274170	462923	342210.31	6.47	88.20	4.55	10.50	89.11	
8.57	3.94								
0 554	2007.7545166	464384	342669.59	5.67	88.27	5.42	9.70	89.33	
9.45	4.25								
0 555	2007.7817383	458575	337449.41	5.30	88.25	6.23	9.33	89.15	
10.27	4.76								
0 556	2007.8088379	465652	342829.50	7.91	87.30	6.97	11.94	88.26	
11.01	5.47								
0 557	2007.8360596	469975	344986.09	6.89	85.89	7.59	10.94	86.62	
11.64	6.33								
0 558	2007.8631592	473297	345780.41	8.73	85.74	7.91	12.78	86.27	
11.97	7.14								
0 559	2007.8903809	474650	345484.50	10.86	85.08	7.69	14.95	85.73	
11.76	7.59								
0 560	2007.9174805	473374	342683.00	8.88	83.80	6.81	12.96	84.41	
10.89	7.50								
0 561	2007.9447021	479715	346505.31	6.42	82.56	5.41	10.51	83.00	
9.50	6.97								
0 562	2007.9718018	478694	344845.09	0.64	81.73	3.92	4.75	81.86	
8.01	6.34								
0 563	2007.9990234	480235	346170.19	0.89	85.62	2.69	4.95	85.50	
6.78	5.92								
0 564	2008.0261230	480821	346281.81	1.81	85.64	1.82	5.95	85.49	
5.92	5.78								
0 565	2008.0532227	479854	346013.41	2.87	85.54	1.19	6.97	85.50	
5.29	5.75								
0 566	2008.0803223	478949	345440.69	0.92	86.08	0.66	5.00	85.94	
4.76	5.70								
0 567	2008.1074219	473657	342640.31	-2.72	89.45	0.24	1.38	89.07	
4.35	5.66								
0 568	2008.1345215	476326	344388.59	1.06	90.89	0.01	5.18	90.45	
4.12	5.71								
0 569	2008.1616211	477074	344915.31	-1.35	90.98	-0.05	2.77	90.36	
4.07	5.87								
0 570	2008.1887207	478417	345949.91	0.88	91.37	-0.11	5.00	90.75	
4.03	6.02								
0 571	2008.2158203	477046	344819.09	1.55	89.92	-0.34	5.69	89.37	
3.82	6.00								
0 572	2008.2427979	475431	342529.00	-1.12	90.21	-0.79	3.07	89.56	
3.39	5.78								
0 573	2008.2698975	472772	340283.81	-1.41	89.57	-1.33	2.80	88.91	
2.87	5.52								
0 574	2008.2969971	472393	340335.00	-2.02	89.42	-1.69	2.21	88.97	
2.53	5.49								
0 575	2008.3240967	472245	339858.81	-4.59	88.73	-1.57	-0.32	88.28	
2.66	5.94								
0 576	2008.3511963	209043	151166.59	-3.60	87.57	-0.86	0.63	87.22	
3.37	6.98								
0 577	2008.3782959	475778	342512.59	1.52	85.02	0.25	5.76	85.02	
4.49	8.38								
0 578	2008.4053955	479722	346259.50	3.71	85.59	1.40	7.96	85.60	
5.64	9.73								
0 579	2008.4324951	477387	345775.81	2.76	85.19	2.29	7.00	85.17	
6.53	10.69								
0 580	2008.4595947	474771	345555.81	3.01	82.61	2.84	7.23	82.68	
7.08	11.13								
0 581	2008.4866943	474275	345087.59	3.49	83.20	3.15	7.72	83.59	
7.38	11.12								
0 582	2008.5137939	475170	346068.09	3.20	82.82	3.38	7.46	83.30	
7.62	10.83								
0 583	2008.5408936	455535	334823.69	2.93	83.78	3.68	7.13	84.42	
7.93	10.40								

0 584	2008.5679932	466933	342763.69	4.00	85.75	4.15	8.26	86.43
8.41	9.96							
0 585	2008.5950928	456021	335914.09	3.72	85.31	4.82	8.01	85.83
9.08	9.56							
0 586	2008.6221924	464058	343322.31	6.02	85.67	5.65	10.27	86.40
9.92	9.25							
0 587	2008.6492920	451789	334508.41	6.39	86.30	6.57	10.69	87.16
10.85	9.01							
0 588	2008.6762695	455085	336686.59	8.20	87.03	7.51	12.50	88.09
11.80	8.85							
0 589	2008.7033691	461597	340563.09	7.73	88.21	8.43	12.00	89.37
12.72	8.80							
0 590	2008.7304688	461259	339971.09	9.61	87.92	9.30	13.90	89.09
13.59	8.88							
0 591	2008.7575684	462183	339848.69	10.28	85.64	10.04	14.59	86.77
14.34	9.09							
0 592	2008.7846680	465334	342821.91	11.72	87.24	10.58	16.03	88.40
14.88	9.35							
0 593	2008.8117676	464363	342829.50	12.05	87.22	10.84	16.35	88.43
15.15	9.62							
0 594	2008.8388672	465768	342818.59	10.27	85.73	10.87	14.58	86.71
15.20	9.93							
0 595	2008.8659668	469660	343757.31	10.84	86.53	10.73	15.18	87.52
15.07	10.30							
0 596	2008.8930664	473508	345052.19	9.39	87.23	10.38	13.76	88.16
14.74	10.64							
0 597	2008.9201660	469751	340763.09	14.05	86.85	9.72	18.45	87.59
14.09	10.78							
0 598	2008.9472656	476348	344780.69	9.27	85.95	8.73	13.64	86.58
13.10	10.65							
0 599	2008.9743652	478144	346195.09	4.91	84.04	7.58	9.25	84.26
11.96	10.36							
0 600	2009.0014648	484446	348691.91	6.14	86.26	6.51	10.53	86.23
10.88	10.09							
0 601	2009.0285645	368297	265328.50	5.55	86.06	5.63	9.97	85.99
10.01	9.93							
0 602	2009.0557861	475105	343304.91	5.60	85.20	4.97	9.91	85.26
9.36	9.87							
0 603	2009.0828857	478423	344952.31	3.56	84.99	4.53	7.94	84.84
8.93	9.91							
0 604	2009.1101074	481463	347044.50	2.53	85.93	4.35	6.99	85.64
8.76	10.10							
0 605	2009.1372070	481081	346778.50	4.54	86.06	4.44	8.98	85.76
8.87	10.48							
0 606	2009.1644287	477041	344127.09	4.86	86.63	4.69	9.30	86.41
9.14	10.96							
0 607	2009.1916504	476608	343180.81	5.14	86.57	4.95	9.62	86.36
9.41	11.42							
0 608	2009.2187500	476654	343032.19	6.22	85.90	5.06	10.70	85.63
9.53	11.73							
0 609	2009.2459717	475373	342186.69	5.19	86.27	4.97	9.67	85.86
9.45	11.87							
0 610	2009.2730713	478983	345650.69	4.89	86.66	4.72	9.38	86.30
9.20	11.89							
0 611	2009.3002930	480783	346288.19	4.08	85.42	4.39	8.58	85.18
8.88	11.87							
0 612	2009.3273926	463140	333436.19	3.64	84.39	4.05	8.14	84.13
8.55	11.88							
0 613	2009.3546143	473448	341804.19	4.48	85.10	3.74	8.95	85.18
8.25	11.90							
0 614	2009.3817139	478786	344563.81	3.27	83.55	3.53	7.80	83.65
8.04	11.97							
0 615	2009.4089355	458633	331082.69	1.81	82.30	3.44	6.35	82.39
7.96	12.07							
0 616	2009.4360352	471379	340957.91	3.54	82.23	3.52	8.05	82.60
8.04	12.19							
0 617	2009.4632568	477223	346785.91	4.92	80.50	3.77	9.45	80.86

8.30	12.32								
0 618	2009.4904785	468816	341273.31	3.27	78.71	4.25	7.82	79.24	
8.79	12.47								
0 619	2009.5175781	472709	345366.81	2.22	79.88	5.07	6.75	80.46	
9.61	12.73								
0 620	2009.5447998	466781	342844.31	5.42	80.54	6.25	9.97	81.21	
10.79	13.14								
0 621	2009.5718994	466050	342691.59	10.18	82.11	7.67	14.72	82.85	
12.21	13.61								
0 622	2009.5991211	465927	344146.81	8.63	83.32	9.19	13.18	84.41	
13.73	14.04								
0 623	2009.6262207	458260	338256.41	9.53	85.54	10.78	14.08	86.87	
15.32	14.47								
0 624	2009.6534424	461517	340791.00	11.83	85.83	12.45	16.39	87.19	
17.00	14.98								
0 625	2009.6805420	458154	339883.00	14.59	86.69	14.14	19.10	87.99	
18.69	15.58								
0 626	2009.7077637	459223	340840.19	17.65	87.76	15.65	22.22	89.30	
20.21	16.15								
0 627	2009.7348633	460158	340339.59	17.70	88.45	16.84	22.27	89.97	
21.40	16.59								
0 628	2009.7620850	461292	341662.69	17.44	87.66	17.66	22.01	89.29	
22.22	16.90								
0 629	2009.7893066	460242	339835.69	18.47	87.01	18.12	23.01	88.52	
22.69	17.14								
0 630	2009.8164062	462022	340873.41	19.67	88.37	18.20	24.25	89.99	
22.79	17.29								
0 631	2009.8436279	465209	342470.50	20.06	91.17	17.88	24.65	92.58	
22.47	17.27								
0 632	2009.8707275	469884	344705.59	15.64	88.86	17.18	20.26	89.97	
21.79	17.12								
0 633	2009.8979492	472514	344471.09	17.67	90.26	16.21	22.30	91.50	
20.83	16.86								
0 634	2009.9250488	472804	342932.59	15.63	89.48	15.10	20.23	90.52	
19.73	16.58								
0 635	2009.9522705	480214	345475.91	11.45	87.64	13.93	16.12	88.55	
18.58	16.29								
0 636	2009.9793701	482129	346366.41	15.09	89.16	12.73	19.74	90.13	
17.39	15.95								
0 637	2010.0065918	483391	347723.91	11.23	88.55	11.51	15.91	89.14	
16.19	15.54								
0 638	2010.0336914	478403	344297.81	10.38	87.33	10.40	15.07	87.58	
15.08	15.12								
0 639	2010.0609131	480770	346412.50	8.20	86.00	9.64	12.89	86.14	
14.33	14.94								
0 640	2010.0881348	479711	345718.31	5.19	86.04	9.42	9.87	85.99	
14.13	15.19								
0 641	2010.1152344	479643	345193.59	9.25	87.92	9.68	13.97	87.93	
14.40	15.80								
0 642	2010.1424561	481123	346728.19	12.89	88.65	10.00	17.63	88.78	
14.74	16.39								
0 643	2010.1695557	478419	344340.59	14.60	90.50	9.96	19.36	90.69	
14.71	16.57								
0 644	2010.1967773	476611	343645.59	7.21	87.55	9.50	11.96	87.35	
14.27	16.31								
0 645	2010.2238770	477782	344662.19	7.54	86.71	8.90	12.32	86.59	
13.67	15.91								
0 646	2010.2510986	478256	345082.59	7.19	87.79	8.45	11.98	87.67	
13.24	15.71								
0 647	2010.2781982	479481	345708.59	8.92	86.17	8.27	13.73	85.99	
13.07	15.81								
0 648	2010.3054199	477940	344339.41	8.77	85.05	8.30	13.55	84.76	
13.10	16.16								
0 649	2010.3325195	478844	345141.41	7.32	85.12	8.47	12.14	84.89	
13.28	16.67								
0 650	2010.3597412	477225	344023.31	7.53	85.40	8.78	12.37	85.41	
13.60	17.31								

0 651	2010.3869629	478057	345815.50	10.66	85.22	9.18	15.48	85.34
13.99	17.96							
0 652	2010.4140625	476474	345817.19	9.61	83.76	9.54	14.42	83.98
14.35	18.48							
0 653	2010.4412842	477803	346285.09	9.80	86.01	9.79	14.59	86.51
14.60	18.74							
0 654	2010.4683838	476176	346236.31	10.67	85.65	9.91	15.49	86.13
14.71	18.68							
0 655	2010.4956055	468484	343070.91	10.14	84.42	9.92	14.95	84.91
14.72	18.31							
0 656	2010.5227051	467926	343467.81	8.78	83.60	9.90	13.57	84.29
14.70	17.69							
0 657	2010.5499268	469097	345523.59	10.38	82.87	9.90	15.16	83.60
14.69	16.87							
0 658	2010.5770264	458536	338516.50	10.36	83.26	9.94	15.15	84.00
14.74	15.94							
0 659	2010.6042480	458901	341022.69	8.90	86.16	10.06	13.70	87.31
14.86	14.95							
0 660	2010.6313477	459743	341207.00	11.04	86.86	10.31	15.84	88.09
15.11	14.04							
0 661	2010.6585693	464192	344983.31	8.70	87.89	10.72	13.53	89.15
15.53	13.30							
0 662	2010.6857910	459393	341548.41	11.73	89.54	11.29	16.54	90.88
16.10	12.80							
0 663	2010.7128906	458324	340685.91	12.74	90.88	11.93	17.53	92.39
16.75	12.53							
0 664	2010.7401123	462648	342510.91	12.45	90.39	12.55	17.31	91.65
17.38	12.45							
0 665	2010.7672119	460581	341278.81	11.95	92.52	13.06	16.76	93.65
17.89	12.51							
0 666	2010.7944336	459965	340287.00	15.68	92.75	13.30	20.54	94.09
18.14	12.58							
0 667	2010.8215332	462458	341583.81	14.68	92.79	13.12	19.54	93.86
17.98	12.52							
0 668	2010.8487549	463516	341958.00	12.95	92.88	12.48	17.78	93.74
17.35	12.24							
0 669	2010.8758545	467909	344094.19	12.75	89.99	11.48	17.65	91.02
16.36	11.81							
0 670	2010.9030762	471418	346241.41	8.63	90.85	10.35	13.53	91.49
15.25	11.43							
0 671	2010.9301758	475174	347439.50	8.75	90.95	9.32	13.67	91.34
14.24	11.25							
0 672	2010.9573975	474991	345499.19	7.62	89.70	8.48	12.59	89.86
13.41	11.28							
0 673	2010.9846191	477691	346643.41	9.18	92.02	7.77	14.09	92.15
12.71	11.43							
0 674	2011.0117188	481606	348244.81	6.53	92.20	7.11	11.50	92.20
12.06	11.55							
0 675	2011.0389404	481574	347378.19	6.19	94.30	6.48	11.15	94.34
11.42	11.58							
0 676	2011.0660400	481744	346823.41	6.10	93.24	5.88	11.07	92.95
10.83	11.53							
0 677	2011.0932617	482071	348094.50	4.95	92.00	5.34	9.89	91.63
10.30	11.43							
0 678	2011.1203613	476121	343684.19	4.48	91.88	4.85	9.33	91.49
9.82	11.27							
0 679	2011.1475830	479307	345652.81	4.86	92.16	4.37	9.87	91.87
9.35	11.05							
0 680	2011.1746826	478761	345257.59	4.21	93.03	3.84	9.27	92.80
8.84	10.73							
0 681	2011.2019043	480075	346498.41	4.33	92.92	3.31	9.35	92.46
8.33	10.41							
0 682	2011.2290039	478205	344821.81	-0.29	93.86	2.87	4.75	93.13
7.91	10.19							
0 683	2011.2562256	476367	343001.50	3.09	93.23	2.60	8.15	92.67
7.65	10.17							
0 684	2011.2834473	477653	344262.50	3.56	93.29	2.48	8.60	92.82

7.54	10.34								
0 685	2011.3105469	478871	345485.69	2.32	92.85	2.53	7.39	92.40	
7.60	10.72								
0 686	2011.3377686	479826	346015.91	-0.27	90.01	2.78	4.81	89.59	
7.86	11.31								
0 687	2011.3648682	479939	345509.19	4.22	88.28	3.27	9.31	87.99	
8.35	12.11								
0 688	2011.3920898	481483	347363.50	4.76	86.06	3.94	9.85	85.92	
9.03	13.04								
0 689	2011.4191895	480212	346448.81	2.97	85.82	4.70	8.07	85.81	
9.78	13.92								
0 690	2011.4464111	475744	345805.09	5.82	83.86	5.42	10.89	84.07	
10.50	14.62								
0 691	2011.4735107	478663	348218.09	8.61	83.93	6.02	13.66	84.38	
11.10	15.01								
0 692	2011.5007324	470762	344351.31	5.87	83.15	6.55	10.97	83.52	
11.62	15.11								
0 693	2011.5278320	473616	346643.19	5.72	81.63	7.20	10.77	82.03	
12.27	15.12								
0 694	2011.5550537	472450	347281.00	6.08	82.50	8.20	11.15	83.34	
13.28	15.29								
0 695	2011.5822754	465730	343337.91	8.61	84.08	9.62	13.69	84.97	
14.70	15.70								
0 696	2011.6093750	459917	339730.09	12.57	84.91	11.25	17.64	85.94	
16.33	16.21								
0 697	2011.6365967	458528	338806.91	13.73	87.28	12.79	18.81	88.55	
17.87	16.57								
0 698	2011.6636963	461230	340804.41	15.82	88.41	14.02	20.92	89.84	
19.10	16.66								
0 699	2011.6909180	463982	342914.81	15.06	90.42	14.98	20.14	91.86	
20.06	16.57								
0 700	2011.7180176	464295	344012.50	13.80	89.26	15.81	18.88	90.63	
20.90	16.53								
0 701	2011.7452393	460432	341363.50	16.52	89.87	16.55	21.64	91.17	
21.65	16.61								
0 702	2011.7723389	418017	308500.81	19.10	90.38	17.05	24.15	91.91	
22.15	16.71								
0 703	2011.7995605	464839	341480.59	20.83	91.82	17.09	25.96	93.52	
22.20	16.64								
0 704	2011.8266602	465495	342626.59	16.16	91.09	16.71	21.23	92.48	
21.83	16.41								
0 705	2011.8538818	470639	344101.91	13.74	90.37	16.18	18.90	91.61	
21.32	16.30								
0 706	2011.8811035	474877	346381.50	14.59	87.34	15.77	19.77	88.36	
20.93	16.51								
0 707	2011.9082031	476863	346574.09	17.44	88.11	15.55	22.64	89.16	
20.73	17.06								
0 708	2011.9354248	476227	345307.69	14.98	86.14	15.45	20.15	87.30	
20.64	17.81								
0 709	2011.9625244	480483	347011.81	15.12	86.26	15.42	20.34	87.14	
20.62	18.66								
0 710	2011.9897461	481487	348340.50	14.29	87.68	15.44	19.49	88.30	
20.65	19.52								
0 711	2012.0168457	480707	347142.50	16.81	84.36	15.49	22.03	84.97	
20.70	20.32								
0 712	2012.0439453	482556	347650.59	15.05	83.88	15.49	20.26	84.31	
20.71	20.98								
0 713	2012.0710449	482041	347813.50	16.70	86.00	15.36	21.94	86.23	
20.59	21.38								
0 714	2012.0981445	478068	345272.59	14.40	86.22	15.06	19.61	86.53	
20.29	21.49								
0 715	2012.1252441	478554	344419.59	15.73	88.02	14.64	20.99	88.11	
19.87	21.37								
0 716	2012.1523438	478860	345203.00	14.10	88.06	14.18	19.37	88.03	
19.42	21.15								
0 717	2012.1793213	478946	347099.91	12.13	89.58	13.82	17.34	89.54	
19.06	20.98								

0 718	2012.2064209	476584	344903.31	13.25	90.93	13.62	18.46	90.82
18.87	20.98							
0 719	2012.2335205	474451	342548.19	14.44	89.42	13.56	19.71	89.37
18.83	21.15							
0 720	2012.2606201	473592	341526.59	13.10	90.11	13.56	18.40	90.09
18.85	21.41							
0 721	2012.2877197	475051	343033.09	13.61	89.24	13.58	18.93	89.28
18.89	21.74							
0 722	2012.3148193	476841	344270.59	13.80	89.73	13.59	19.15	89.85
18.91	22.08							
0 723	2012.3419189	475528	343385.41	13.52	89.64	13.60	18.84	89.83
18.93	22.43							
0 724	2012.3690186	478620	344830.69	14.05	88.01	13.72	19.39	88.55
19.05	22.85							
0 725	2012.3961182	385039	277624.91	12.00	85.14	14.02	17.34	85.63
19.36	23.40							
0 726	2012.4232178	478130	346328.31	13.52	85.56	14.58	18.87	86.11
19.91	24.06							
0 727	2012.4503174	478272	346234.59	17.42	85.68	15.37	22.76	86.41
20.71	24.82							
0 728	2012.4774170	477592	347357.91	15.00	84.80	16.37	20.31	85.80
21.70	25.57							
0 729	2012.5045166	476338	347311.81	15.53	84.64	17.56	20.89	85.68
22.89	26.30							
0 730	2012.5316162	467122	343110.09	19.53	85.46	18.85	24.85	86.83
24.18	26.93							
0 731	2012.5587158	469483	345240.81	22.18	86.45	20.05	27.52	87.97
25.38	27.26							
0 732	2012.5858154	463745	341721.31	21.50	87.59	21.06	26.78	89.24
26.38	27.24							
0 733	2012.6127930	463028	341944.31	22.34	88.56	21.92	27.69	90.48
27.24	26.97							
0 734	2012.6398926	463417	343080.81	19.66	89.09	22.84	24.98	91.07
28.18	26.74							
0 735	2012.6669922	461938	342101.00	24.87	90.24	23.99	30.22	92.36
29.33	26.75							
0 736	2012.6940918	461907	342748.31	24.13	88.59	25.31	29.46	90.66
30.66	27.05							
0 737	2012.7211914	459753	341161.00	28.37	89.61	26.57	33.74	91.75
31.93	27.47							
0 738	2012.7482910	459839	339622.41	28.60	91.60	27.52	33.99	93.83
32.87	27.77							
0 739	2012.7753906	463565	341317.31	29.93	89.90	28.00	35.27	92.16
33.36	27.89							
0 740	2012.8024902	463127	340602.41	28.07	88.91	28.05	33.40	91.04
33.43	27.87							
0 741	2012.8295898	467626	344229.00	27.34	88.36	27.83	32.74	90.54
33.22	27.84							
0 742	2012.8566895	468673	344378.81	27.96	87.26	27.48	33.35	89.22
32.89	27.92							
0 743	2012.8837891	472957	345007.31	27.06	86.27	27.09	32.48	88.07
32.52	28.17							
0 744	2012.9108887	478004	346929.41	25.77	84.91	26.68	31.24	86.62
32.12	28.53							
0 745	2012.9379883	479243	346394.69	28.34	84.91	26.19	33.84	86.48
31.66	28.91							
0 746	2012.9650879	478341	344931.31	24.41	85.52	25.64	29.86	86.77
31.11	29.22							
0 747	2012.9921875	480556	346652.91	25.67	85.78	25.04	31.16	86.95
30.53	29.47							
0 748	2013.0192871	484195	348886.50	23.94	84.82	24.47	29.44	85.74
29.96	29.64							
0 749	2013.0465088	480765	346942.69	23.05	86.71	23.96	28.56	87.50
29.47	29.79							
0 750	2013.0736084	475029	342997.69	24.70	86.32	23.52	30.20	87.18
29.04	29.87							
0 751	2013.1008301	468987	337393.41	22.95	85.21	23.16	28.49	86.10

28.68	0 751	2013.1279297	478753	345100.69	21.38	85.99	22.86	26.91	86.35
28.40	0 752	2013.1551514	480658	347112.81	22.99	88.55	22.62	28.53	88.86
28.17	0 753	2013.1822510	476845	345216.91	23.56	89.62	22.35	29.10	90.03
27.92	0 754	2013.2094727	477810	343770.31	21.78	90.06	21.96	27.39	90.49
27.55	0 755	2013.2365723	127800	91065.60	21.80	87.83	21.41	27.32	88.39
27.02	0 756	2013.2637939	319572	230766.20	21.96	90.70	20.76	27.71	91.03
26.37	0 757	2013.2908936	479245	344691.59	17.64	88.35	20.07	23.26	88.56
25.69	0 758	2013.3181152	477818	343964.00	20.09	91.06	19.37	25.71	91.51
25.00	0 759	2013.3453369	479207	345796.19	20.22	92.21	18.64	25.79	92.84
24.26	0 760	2013.3724365	479795	346341.41	17.68	90.72	17.86	23.33	91.17
23.49	0 761	2013.3996582	477877	344535.09	15.85	89.57	17.17	21.53	89.87
22.79	0 762	2013.4267578	476725	345121.41	15.83	88.11	16.71	21.46	88.49
22.34	0 763	2013.4539795	475192	346216.19	15.42	86.16	16.61	21.02	86.84
22.23	0 764	2013.4810791	472195	345531.81	17.53	84.56	16.87	23.12	85.49
22.49	0 765	2013.5083008	469443	344111.09	15.66	84.81	17.46	21.29	86.03
23.07	0 766	2013.5354004	466805	343903.00	17.45	84.38	18.24	23.05	85.72
23.85	0 767	2013.5626221	461351	341483.19	20.83	86.11	19.06	26.44	87.58
24.68	0 768	2013.5897217	462272	341944.00	21.74	85.31	19.81	27.37	87.10
25.44	0 769	2013.6169434	460459	342003.09	17.81	86.09	20.56	23.45	87.82
26.18	0 770	2013.6440430	460966	342653.50	20.71	86.13	21.44	26.36	88.11
27.06	0 771	2013.6712646	326536	242340.50	22.31	85.85	22.53	27.83	87.99
28.16	0 772	2013.6984863	232596	173703.41	24.26	87.78	23.75	29.97	89.87
29.38	0 773	2013.7255859	457947	340905.59	25.46	89.99	24.94	31.10	91.96
30.58	0 774	2013.7528076	458345	340103.00	26.45	91.65	25.98	32.10	93.77
31.62	0 775	2013.7799072	462750	342595.81	26.50	90.78	26.80	32.14	93.05
32.44	0 776	2013.8071289	462180	342314.50	28.78	89.77	27.30	34.39	92.01
32.95	0 777	2013.8342285	463747	343079.41	28.86	90.74	27.41	34.50	93.16
33.07	0 778	2013.8614502	465668	344064.50	27.40	88.02	27.06	33.07	90.17
32.74	0 779	2013.8885498	469982	344783.09	27.36	87.47	26.32	33.07	89.53
32.02	0 780	2013.9157715	473676	346124.81	26.59	87.55	25.36	32.34	89.49
31.07	0 781	2013.9428711	476189	345608.09	21.36	85.76	24.41	27.07	87.48
30.13	0 782	2013.9700928	476406	345772.59	23.09	86.97	23.67	28.80	88.48
29.39	0 783	2013.9973145	478664	346049.09	24.15	86.05	23.17	29.83	87.31

20.50	27.55								
0 785	2014.0244141	483061	347949.00	22.15	85.52	22.88	27.90	86.62	
28.61	28.42								
0 786	2014.0516357	482798	347432.19	22.75	85.88	22.77	28.54	86.94	
28.51	28.94								
0 787	2014.0787354	479559	346177.91	21.48	87.41	22.85	27.20	88.29	
28.60	29.52								
0 788	2014.1059570	482233	347602.19	22.35	87.68	23.11	28.12	88.48	
28.87	30.16								
0 789	2014.1330566	482671	347829.81	24.91	88.30	23.41	30.68	89.04	
29.17	30.75								
0 790	2014.1602783	431256	312002.00	24.51	90.21	23.57	30.23	90.91	
29.33	31.12								
0 791	2014.1873779	477867	344951.41	23.59	89.24	23.48	29.36	89.87	
29.25	31.23								
0 792	2014.2145996	479499	345525.81	23.17	89.66	23.10	28.98	90.29	
28.90	31.07								
0 793	2014.2416992	478865	345488.50	23.77	88.79	22.45	29.54	89.57	
28.27	30.65								
0 794	2014.2689209	479944	345925.50	22.11	87.09	21.58	27.97	87.75	
27.42	30.06								
0 795	2014.2961426	476251	342600.59	20.52	86.60	20.59	26.38	87.33	
26.45	29.40								
0 796	2014.3232422	420393	301483.50	18.32	87.45	19.68	24.26	88.47	
25.55	28.82								
0 797	2014.3504639	478769	345405.41	18.46	86.60	19.02	24.31	87.60	
24.91	28.51								
0 798	2014.3775635	479187	344317.41	17.51	87.22	18.72	23.42	88.04	
24.62	28.51								
0 799	2014.4047852	478023	344874.91	18.85	86.06	18.82	24.77	87.01	
24.71	28.80								
0 800	2014.4318848	477754	345367.41	18.06	85.82	19.31	23.94	86.75	
25.20	29.36								
0 801	2014.4591064	470895	342392.50	18.96	83.64	20.16	24.86	85.08	
26.05	30.10								
0 802	2014.4862061	468899	343552.41	20.97	83.72	21.29	26.87	85.46	
27.17	30.91								
0 803	2014.5134277	468868	344716.69	23.58	83.48	22.54	29.46	85.45	
28.41	31.63								
0 804	2014.5405273	465127	343136.50	24.65	84.05	23.79	30.50	85.92	
29.66	32.14								
0 805	2014.5677490	459180	340510.09	22.99	85.54	25.00	28.86	87.57	
30.87	32.42								
0 806	2014.5949707	456455	340361.00	27.20	87.02	26.18	33.01	89.37	
32.04	32.52								
0 807	2014.6220703	458427	340973.81	27.89	87.79	27.26	33.77	90.41	
33.13	32.46								
0 808	2014.6492920	456821	338849.31	28.70	88.90	28.21	34.60	91.63	
34.09	32.25								
0 809	2014.6763916	455203	338018.09	28.94	90.28	29.04	34.82	93.11	
34.92	31.97								
0 810	2014.7036133	455496	338487.69	30.31	92.75	29.84	36.21	95.59	
35.73	31.80								
0 811	2014.7307129	457462	340403.69	28.58	91.69	30.67	34.48	94.47	
36.57	31.86								
0 812	2014.7579346	459238	340094.19	31.46	91.60	31.44	37.35	94.33	
37.35	32.09								
0 813	2014.7850342	461799	340725.09	35.62	93.58	31.91	41.51	96.44	
37.83	32.30								
0 814	2014.8122559	461771	340329.59	33.98	92.17	31.86	39.94	95.04	
37.79	32.26								
0 815	2014.8393555	465705	342572.50	30.52	92.72	31.37	36.48	95.35	
37.33	32.07								
0 816	2014.8665771	468775	343399.59	30.52	93.12	30.81	36.46	95.68	
36.78	32.02								
0 817	2014.8937988	474992	345894.50	27.14	90.87	30.48	33.15	93.27	
36.47	32.39								

0 818	2014.9208984	479333	347903.50	28.74	88.91	30.43	34.76	91.51
36.44	33.16							
0 819	2014.9481201	430588	312254.31	36.08	91.73	30.39	42.03	94.08
36.40	33.98							
0 820	2014.9752197	400953	289318.09	31.34	90.27	30.11	37.46	92.35
36.14	34.57							
0 821	2015.0024414	480615	347164.59	26.10	88.92	29.71	32.17	90.57
35.75	34.98							
0 822	2015.0295410	480256	347272.41	28.64	90.52	29.49	34.61	92.21
35.53	35.47							
0 823	2015.0567627	477225	344212.19	28.65	88.82	29.65	34.68	90.45
35.68	36.21							
0 824	2015.0838623	483777	348814.09	30.55	91.44	30.11	36.60	93.14
36.14	37.14							
0 825	2015.1110840	483733	348357.81	30.25	92.57	30.62	36.29	93.99
36.65	38.00							
0 826	2015.1381836	479571	346446.41	33.58	93.36	30.94	39.57	95.10
36.96	38.58							
0 827	2015.1654053	475346	342967.41	31.58	91.41	30.97	37.58	93.02
37.01	38.84							
0 828	2015.1926270	478192	345042.69	29.65	93.31	30.82	35.66	94.79
36.87	38.88							
0 829	2015.2197266	471586	339218.91	29.92	94.59	30.61	36.05	96.05
36.69	38.90							
0 830	2015.2469482	480463	345936.00	31.18	94.76	30.43	37.28	96.23
36.53	38.96							
0 831	2015.2740479	480858	345897.81	30.19	95.04	30.20	36.32	96.36
36.32	39.02							
0 832	2015.3012695	478175	343954.41	30.78	95.22	29.84	36.87	96.68
35.98	38.99							
0 833	2015.3283691	473249	340505.91	30.35	93.70	29.41	36.55	95.24
35.56	38.90							
0 834	2015.3555908	479450	344907.41	27.41	93.85	29.11	33.62	95.48
35.27	38.93							
0 835	2015.3826904	478025	345402.41	26.19	94.21	29.19	32.33	95.83
35.35	39.28							
0 836	2015.4099121	475422	343087.91	29.73	95.36	29.75	35.88	97.00
35.91	40.02							
0 837	2015.4370117	477649	345750.31	30.58	95.99	30.70	36.74	97.54
36.85	41.00							
0 838	2015.4642334	469790	342549.09	32.13	95.48	31.83	38.25	97.49
37.98	41.99							
0 839	2015.4914551	469412	344110.59	33.52	96.92	32.99	39.67	99.28
39.14	42.80							
0 840	2015.5185547	468089	343287.91	33.25	97.78	34.13	39.43	100.30
40.29	43.38							
0 841	2015.5457764	461755	340593.59	35.78	97.56	35.27	41.94	100.25
41.44	43.76							
0 842	2015.5728760	462545	341309.09	36.43	101.76	36.47	42.61	104.49
42.65	44.01							
0 843	2015.6000977	463893	342477.31	37.58	103.78	37.80	43.79	106.85
43.98	44.25							
0 844	2015.6271973	460938	341879.31	36.53	103.94	39.26	42.70	106.89
45.44	44.55							
0 845	2015.6544189	454170	337625.91	43.20	106.19	40.76	49.40	109.50
46.95	44.89							
0 846	2015.6815186	459534	340534.81	43.35	109.83	42.16	49.53	113.10
48.35	45.20							
0 847	2015.7087402	463665	343614.19	42.93	107.54	43.35	49.12	110.75
49.54	45.45							
0 848	2015.7358398	460182	341147.09	44.27	109.91	44.32	50.47	113.13
50.52	45.68							
0 849	2015.7630615	458036	340294.00	45.57	113.82	45.05	51.75	117.12
51.25	45.92							
0 850	2015.7902832	461886	340445.19	46.47	114.25	45.42	52.68	117.46
51.63	46.08							
0 851	2015.8173828	456934	336239.91	48.42	115.32	45.34	54.61	118.57

51.56	46.06								
0 852	2015.8446045	466593	341585.69	44.61	113.94	44.82	50.87	116.93	
51.05	45.87								
0 853	2015.8717041	462852	337866.19	41.85	112.08	43.99	48.06	115.02	
50.23	45.59								
0 854	2015.8989258	474976	345560.91	45.30	112.71	42.96	51.58	115.54	
49.21	45.27								
0 855	2015.9260254	476638	345191.81	42.90	111.07	41.76	49.15	113.87	
48.03	44.91								
0 856	2015.9532471	477871	344319.50	39.71	108.00	40.55	46.00	110.36	
46.82	44.56								
0 857	2015.9803467	480681	346961.31	38.14	107.22	39.58	44.41	109.52	
45.86	44.45								
0 858	2016.0075684	478886	344882.50	35.56	104.74	39.06	41.83	106.80	
45.35	44.72								
0 859	2016.0346680	476925	342558.50	39.40	106.99	38.98	45.74	109.05	
45.28	45.34								
0 860	2016.0617676	480386	345438.50	41.90	106.35	39.12	48.24	108.39	
45.42	46.04								
0 861	2016.0888672	476861	344438.09	37.47	103.46	39.24	43.71	105.48	
45.56	46.63								
0 862	2016.1159668	481425	347132.69	40.01	101.54	39.28	46.33	103.56	
45.60	47.01								
0 863	2016.1429443	479171	345120.19	39.23	101.66	39.24	45.58	103.75	
45.58	47.24								
0 864	2016.1700439	477248	343429.69	39.39	102.80	39.13	45.79	104.73	
45.49	47.35								
0 865	2016.1971436	477533	344235.69	37.82	102.98	38.90	44.18	104.52	
45.27	47.31								
0 866	2016.2242432	455818	329633.19	41.53	103.03	38.42	47.88	104.65	
44.79	47.03								
0 867	2016.2513428	477397	344744.69	37.81	102.11	37.59	44.16	103.60	
43.98	46.45								
0 868	2016.2784424	477114	343418.41	37.16	101.07	36.48	43.59	102.73	
42.89	45.64								
0 869	2016.3055420	478169	344045.00	34.32	98.47	35.30	40.78	100.28	
41.73	44.79								
0 870	2016.3326416	474459	341277.69	33.45	98.17	34.34	39.92	99.98	
40.79	44.18								
0 871	2016.3597412	478722	345112.19	31.97	97.46	33.86	38.44	99.25	
40.32	44.03								
0 872	2016.3868408	478612	345389.19	31.72	97.47	33.91	38.20	99.36	
40.38	44.35								
0 873	2016.4139404	476509	344062.50	35.32	98.80	34.35	41.73	100.50	
40.82	44.95								
0 874	2016.4410400	469658	340378.91	35.33	97.60	34.90	41.83	99.57	
41.37	45.51								
0 875	2016.4681396	473193	343906.91	36.79	97.27	35.27	43.31	99.59	
41.75	45.72								
0 876	2016.4952393	474528	344815.59	35.73	96.77	35.37	42.18	99.16	
41.84	45.43								
0 877	2016.5223389	470473	343472.81	35.12	94.34	35.25	41.59	96.90	
41.72	44.72								
0 878	2016.5493164	466985	342067.81	35.46	93.28	35.09	41.92	96.22	
41.56	43.76								
0 879	2016.5764160	468475	342720.19	33.80	93.53	35.15	40.27	96.33	
41.61	42.83								
0 880	2016.6035156	467588	343101.91	33.79	93.55	35.64	40.27	96.44	
42.11	42.23								
0 881	2016.6306152	462088	340464.59	34.00	94.48	36.64	40.45	97.32	
43.11	42.07								
0 882	2016.6577148	457989	338910.41	39.34	95.93	37.91	45.82	99.32	
44.38	42.18								
0 883	2016.6848145	464620	342393.59	41.43	95.96	39.08	47.90	99.40	
45.55	42.28								
0 884	2016.7119141	464740	342121.69	41.84	95.05	39.93	48.31	98.62	
46.41	42.22								

0 885	2016.7390137	466099	342596.31	39.32	95.13	40.53	45.78	98.67
47.01	42.10							
0 886	2016.7661133	465051	341673.59	38.70	96.30	41.13	45.19	99.69
47.62	42.25							
0 887	2016.7932129	469591	343936.19	42.33	97.09	41.88	48.80	100.58
48.38	42.82							
0 888	2016.8203125	467317	340722.31	43.62	95.91	42.69	50.16	99.60
49.21	43.74							
0 889	2016.8474121	469138	342933.50	43.68	96.83	43.31	50.19	100.23
49.84	44.71							
0 890	2016.8745117	472052	343185.31	44.86	95.63	43.46	51.43	98.80
50.01	45.43							
0 891	2016.9016113	478495	346453.91	46.29	95.08	43.00	52.90	98.17
49.56	45.70							
0 892	2016.9287109	412712	297914.19	42.17	91.38	41.98	48.75	94.21
48.53	45.49							
0 893	2016.9558105	480846	346842.09	39.61	90.04	40.60	46.09	92.86
47.16	44.98							
0 894	2016.9827881	480430	347839.59	39.14	89.49	39.23	45.67	92.07
45.79	44.45							
0 895	2017.0100098	485347	349233.19	36.94	87.24	38.14	43.54	89.60
44.72	44.16							
0 896	2017.0371094	482567	347264.31	37.17	88.36	37.38	43.79	90.40
43.96	44.08							
0 897	2017.0643311	479200	344826.31	34.80	87.91	36.88	41.36	89.71
43.46	44.13							
0 898	2017.0914307	479859	345492.69	33.46	87.36	36.55	40.08	88.98
43.14	44.25							
0 899	2017.1186523	478434	344268.50	33.39	90.07	36.35	40.01	91.75
42.94	44.38							