

IERS/CB GPS Solution
EOP(IERS/CB) 97 P 01

date		mjd	x	y	ut-utc	d
1998			"	"	s	s
JAN	1	50814.5	.10142	.17416	.217402	.001591
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JAN	2	50815.5	.09905	.17339	.215708	.001772
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JAN	4	50817.5	.09408	.17233	.211812	.002061
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JAN	6	50819.5	.08924	.17150	.207679	.002002
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JAN	7	50820.5	.08677	.17090	.205773	.001849
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JAN	9	50822.5	.08096	.16937	.202458	.001517
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JAN	11	50824.5	.07466	.16838	.199582	.001412
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JAN	12	50825.5	.07122	.16808	.198173	.001427
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JAN	13	50826.5	.06813	.16787	.196691	.001515
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JAN	14	50827.5	.06534	.16766	.195133	.001600
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JAN	15	50828.5	.06224	.16761	.193521	.001654
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JAN	16	50829.5	.05890	.16748	.191871	.001688
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JAN	18	50831.5	.05281	.16766	.188450	.001763
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JAN	19	50832.5	.04985	.16804	.186665	.001792
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JAN	30	50843.5	.01597	.16864	.166134	.002492
			.00004	.00017	.000026	.000019
JAN	31	50844.5	.01280	.16927	.163636	.002532
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FEB	1	50845.5	.00961	.16980	.161092	.002536
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			.00014	.00019	.000011	.000010
FEB	3	50847.5	.00314	.17145	.156035	.002438
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FEB	4	50848.5	-.00009	.17214	.153597	.002359
			.00008	.00010	.000023	.000017
FEB	5	50849.5	-.00336	.17282	.151272	.002251
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FEB	6	50850.5	-.00617	.17360	.149087	.002128
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FEB	7	50851.5	-.00869	.17441	.146961	.002092
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FEB	9	50853.5	-.01347	.17536	.142939	.001966
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FEB	10	50854.5	-.01634	.17531	.141032	.001922
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FEB	20	50864.5	-.03929	.18468	.121826	.001796
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FEB	21	50865.5	-.04285	.18582	.120012	.001820
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FEB	22	50866.5	-.04644	.18653	.118176	.001867
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FEB	23	50867.5	-.04933	.18739	.116269	.001967
			.00004	.00005	.000012	.000009
FEB	24	50868.5	-.05203	.18828	.114235	.002122
			.00016	.00010	.000019	.000007
FEB	25	50869.5	-.05465	.18915	.112073	.002267
			.00011	.00004	.000040	.000017
FEB	26	50870.5	-.05686	.18987	.109777	.002394
			.00007	.00007	.000043	.000036
FEB	27	50871.5	-.05821	.19094	.107261	.002583
			.00005	.00006	.000036	.000023
FEB	28	50872.5	-.05900	.19246	.104610	.002670
			.00011	.00006	.000033	.000028
MAR	1	50873.5	-.05987	.19410	.101948	.002631
			.00009	.00008	.000025	.000019
MAR	2	50874.5	-.06119	.19588	.099359	.002520
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MAR	3	50875.5	-.06265	.19772	.096933	.002339
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MAR	4	50876.5	-.06434	.19952	.094684	.002165
			.00011	.00013	.000016	.000012
MAR	5	50877.5	-.06600	.20143	.092582	.002036
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MAR	6	50878.5	-.06756	.20333	.090596	.001947
			.00011	.00010	.000009	.000008
MAR	7	50879.5	-.06911	.20534	.088697	.001884
			.00009	.00008	.000013	.000003
MAR	8	50880.5	-.07085	.20748	.086875	.001830
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MAR	9	50881.5	-.07246	.20964	.085053	.001843
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MAR	10	50882.5	-.07405	.21169	.083142	.001939
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MAR	11	50883.5	-.07555	.21369	.081125	.002043
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MAR	12	50884.5	-.07675	.21570	.079048	.002096
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MAR	13	50885.5	-.07771	.21783	.076934	.002123
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MAR	14	50886.5	-.07905	.22002	.074810	.002121
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MAR	15	50887.5	-.08116	.22203	.072696	.002097
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MAR	16	50888.5	-.08353	.22361	.070624	.002044
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MAR	17	50889.5	-.08576	.22525	.068626	.001962
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MAR	18	50890.5	-.08792	.22683	.066724	.001865
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MAR	19	50891.5	-.08977	.22849	.064923	.001768

			.00013	.00009	.000041	.000030
MAR	20	50892.5	-.09162	.23032	.063161	.001743
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MAR	21	50893.5	-.09378	.23211	.061414	.001746
			.00010	.00008	.000030	.000026
MAR	22	50894.5	-.09571	.23348	.059626	.001811
			.00009	.00006	.000024	.000015
MAR	23	50895.5	-.09729	.23469	.057781	.001897
			.00009	.00010	.000020	.000019
MAR	24	50896.5	-.09853	.23616	.055820	.002037
			.00011	.00003	.000013	.000006
MAR	25	50897.5	-.09983	.23797	.053638	.002265
			.00006	.00006	.000021	.000011
MAR	26	50898.5	-.10132	.23988	.051201	.002506
			.00005	.00008	.000025	.000018
MAR	27	50899.5	-.10296	.24184	.048685	.002546
			.00008	.00008	.000031	.000017
MAR	28	50900.5	-.10477	.24390	.046105	.002559
			.00007	.00006	.000027	.000026
MAR	29	50901.5	-.10678	.24636	.043551	.002483
			.00007	.00008	.000020	.000009
MAR	30	50902.5	-.10848	.24862	.041121	.002328
			.00005	.00005	.000022	.000018
MAR	31	50903.5	-.10945	.25085	.038891	.002121
			.00004	.00008	.000015	.000012
APR	1	50904.5	-.11008	.25333	.036802	.001993
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APR	2	50905.5	-.11060	.25578	.034866	.001868
			.00007	.00006	.000017	.000016
APR	3	50906.5	-.11134	.25815	.033027	.001799
			.00005	.00006	.000017	.000007
APR	4	50907.5	-.11230	.26038	.031204	.001808
			.00005	.00008	.000021	.000015
APR	5	50908.5	-.11337	.26246	.029366	.001839
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APR	6	50909.5	-.11399	.26445	.027546	.001830
			.00010	.00014	.000035	.000032
APR	7	50910.5	-.11407	.26683	.025697	.001860
			.00003	.00012	.000020	.000014
APR	8	50911.5	-.11406	.26957	.023760	.001942
			.00005	.00012	.000017	.000014
APR	9	50912.5	-.11387	.27227	.021801	.001955
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APR	10	50913.5	-.11369	.27524	.019868	.001917
			.00005	.00014	.000019	.000015
APR	11	50914.5	-.11363	.27823	.017878	.001962
			.00005	.00009	.000015	.000012
APR	12	50915.5	-.11386	.28102	.015910	.001929
			.00006	.00006	.000022	.000009
APR	13	50916.5	-.11438	.28373	.014015	.001851
			.00011	.00008	.000024	.000019
APR	14	50917.5	-.11477	.28631	.012158	.001809
			.00008	.00003	.000016	.000014

APR	15	50918.5	-.11487	.28897	.010386	.001731
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APR	16	50919.5	-.11475	.29154	.008693	.001663
			.00006	.00006	.000024	.000006
APR	17	50920.5	-.11421	.29429	.007015	.001668
			.00007	.00007	.000025	.000024
APR	18	50921.5	-.11367	.29724	.005344	.001687
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APR	19	50922.5	-.11353	.30005	.003612	.001774
			.00012	.00013	.000013	.000004
APR	20	50923.5	-.11356	.30270	.001769	.001914
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APR	21	50924.5	-.11363	.30545	-.000219	.002074
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APR	22	50925.5	-.11370	.30836	-.002390	.002261
			.00006	.00003	.000013	.000009
APR	23	50926.5	-.11362	.31122	-.004780	.002457
			.00009	.00006	.000017	.000008
APR	24	50927.5	-.11356	.31396	-.007319	.002565
			.00005	.00011	.000023	.000015
APR	25	50928.5	-.11333	.31607	-.009896	.002550
			.00004	.00009	.000023	.000017
APR	26	50929.5	-.11285	.31800	-.012357	.002389
			.00008	.00016	.000019	.000016
APR	27	50930.5	-.11258	.32018	-.014608	.002154
			.00012	.00012	.000014	.000011
APR	28	50931.5	-.11278	.32252	-.016655	.001951
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APR	29	50932.5	-.11317	.32489	-.018553	.001824
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APR	30	50933.5	-.11326	.32708	-.020403	.001806
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MAY	1	50934.5	-.11335	.32916	-.022225	.001806
			.00011	.00007	.000023	.000015
MAY	2	50935.5	-.11344	.33111	-.024028	.001807
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MAY	3	50936.5	-.11372	.33315	-.025789	.001778
			.00005	.00008	.000018	.000014
MAY	4	50937.5	-.11401	.33533	-.027517	.001753
			.00006	.00009	.000015	.000012
MAY	5	50938.5	-.11424	.33767	-.029284	.001788
			.00006	.00008	.000018	.000010
MAY	6	50939.5	-.11444	.34005	-.031119	.001851
			.00006	.00010	.000026	.000015
MAY	7	50940.5	-.11443	.34222	-.032981	.001867
			.00004	.00013	.000028	.000021
MAY	8	50941.5	-.11432	.34443	-.034803	.001817
			.00006	.00008	.000020	.000018
MAY	9	50942.5	-.11405	.34638	-.036613	.001795
			.00005	.00008	.000011	.000007
MAY	10	50943.5	-.11357	.34836	-.038357	.001723
			.00008	.00006	.000018	.000008
MAY	11	50944.5	-.11306	.35051	-.040034	.001651

			.00007	.00007	.000019	.000016
MAY	12	50945.5	-.11260	.35260	-.041608	.001550
			.00007	.00010	.000011	.000010
MAY	13	50946.5	-.11207	.35474	-.043080	.001458
			.00008	.00011	.000008	.000006
MAY	14	50947.5	-.11157	.35681	-.044494	.001415
			.00004	.00010	.000008	.000006
MAY	15	50948.5	-.11108	.35877	-.045912	.001443
			.00011	.00005	.000016	.000005
MAY	16	50949.5	-.11065	.36057	-.047433	.001568
			.00006	.00006	.000019	.000015
MAY	17	50950.5	-.11045	.36232	-.049080	.001716
			.00005	.00005	.000012	.000011
MAY	18	50951.5	-.11023	.36403	-.050891	.001897
			.00006	.00006	.000010	.000005
MAY	19	50952.5	-.10988	.36595	-.052900	.002097
			.00010	.00006	.000012	.000009
MAY	20	50953.5	-.10985	.36804	-.055061	.002237
			.00010	.00004	.000009	.000007
MAY	21	50954.5	-.10981	.37043	-.057372	.002356
			.00014	.00004	.000026	.000006
MAY	22	50955.5	-.10935	.37313	-.059753	.002382
			.00009	.00006	.000027	.000025
MAY	23	50956.5	-.10893	.37592	-.062128	.002328
			.00007	.00008	.000018	.000011
MAY	24	50957.5	-.10841	.37857	-.064388	.002177
			.00005	.00011	.000020	.000014
MAY	25	50958.5	-.10772	.38104	-.066433	.001945
			.00010	.00005	.000019	.000014
MAY	26	50959.5	-.10739	.38345	-.068235	.001713
			.00010	.00011	.000015	.000012
MAY	27	50960.5	-.10739	.38560	-.069858	.001557
			.00004	.00014	.000019	.000009
MAY	28	50961.5	-.10729	.38726	-.071297	.001401
			.00008	.00008	.000029	.000017
MAY	29	50962.5	-.10680	.38864	-.072639	.001329
			.00006	.00004	.000032	.000023
MAY	30	50963.5	-.10606	.39040	-.073957	.001321
			.00008	.00009	.000024	.000022
MAY	31	50964.5	-.10544	.39252	-.075267	.001319
			.00005	.00007	.000014	.000008
JUN	1	50965.5	-.10498	.39462	-.076576	.001317
			.00007	.00005	.000021	.000012
JUN	2	50966.5	-.10451	.39661	-.077891	.001318
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JUN	3	50967.5	-.10440	.39839	-.079209	.001312
			.00009	.00006	.000022	.000016
JUN	4	50968.5	-.10460	.40002	-.080527	.001302
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JUN	5	50969.5	-.10462	.40163	-.081788	.001232
			.00011	.00009	.000024	.000023
JUN	6	50970.5	-.10440	.40317	-.082926	.001101
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JUN	7	50971.5	-.10385	.40477	-.083955	.000986
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JUN	8	50972.5	-.10327	.40639	-.084854	.000855
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JUN	9	50973.5	-.10258	.40796	-.085670	.000776
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JUN	10	50974.5	-.10165	.40962	-.086409	.000712
			.00005	.00008	.000015	.000006
JUN	11	50975.5	-.10071	.41127	-.087086	.000668
			.00008	.00009	.000016	.000014
JUN	12	50976.5	-.10014	.41277	-.087780	.000709
			.00003	.00006	.000014	.000008
JUN	13	50977.5	-.09969	.41398	-.088548	.000804
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JUN	14	50978.5	-.09890	.41515	-.089361	.000866
			.00006	.00003	.000010	.000002
JUN	15	50979.5	-.09760	.41643	-.090216	.000912
			.00004	.00003	.000018	.000010
JUN	16	50980.5	-.09618	.41789	-.091128	.000959
			.00012	.00007	.000017	.000015
JUN	17	50981.5	-.09445	.41950	-.092103	.001003
			.00006	.00005	.000009	.000006
JUN	18	50982.5	-.09262	.42120	-.093098	.000993
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JUN	19	50983.5	-.09073	.42281	-.094068	.000933
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JUN	20	50984.5	-.08893	.42429	-.094951	.000816
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JUN	21	50985.5	-.08721	.42555	-.095713	.000681
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JUN	22	50986.5	-.08552	.42680	-.096328	.000538
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JUN	23	50987.5	-.08370	.42813	-.096815	.000433
			.00003	.00006	.000014	.000005
JUN	24	50988.5	-.08192	.42974	-.097222	.000383
			.00009	.00005	.000014	.000013
JUN	25	50989.5	-.08049	.43135	-.097609	.000393
			.00004	.00010	.000012	.000007
JUN	26	50990.5	-.07896	.43269	-.098009	.000426
			.00006	.00006	.000013	.000010
JUN	27	50991.5	-.07722	.43391	-.098450	.000476
			.00009	.00010	.000013	.000007
JUN	28	50992.5	-.07501	.43499	-.098943	.000528
			.00014	.00005	.000013	.000011
JUN	29	50993.5	-.07239	.43625	-.099491	.000576
			.00010	.00005	.000014	.000007
JUN	30	50994.5	-.06963	.43782	-.100100	.000626
			.00009	.00005	.000014	.000011
JUL	1	50995.5	-.06680	.43975	-.100728	.000634
			.00003	.00008	.000016	.000009
JUL	2	50996.5	-.06416	.44139	-.101323	.000584
			.00003	.00008	.000022	.000013
JUL	3	50997.5	-.06166	.44289	-.101844	.000499

			.00003	.00003	.000018	.000017
JUL	4	50998.5	-.05920	.44457	-.102266	.000393
			.00004	.00013	.000012	.000006
JUL	5	50999.5	-.05661	.44629	-.102597	.000299
			.00007	.00007	.000012	.000011
JUL	6	51000.5	-.05402	.44806	-.102814	.000189
			.00005	.00014	.000009	.000005
JUL	7	51001.5	-.05149	.44943	-.102938	.000103
			.00008	.00012	.000010	.000008
JUL	8	51002.5	-.04900	.45057	-.102962	.000021
			.00003	.00008	.000012	.000006
JUL	9	51003.5	-.04644	.45172	-.102981	.000039
			.00003	.00004	.000018	.000010
JUL	10	51004.5	-.04395	.45333	-.103093	.000157
			.00008	.00005	.000023	.000014
JUL	11	51005.5	-.04151	.45519	-.103365	.000335
			.00006	.00010	.000020	.000018
JUL	12	51006.5	-.03891	.45681	-.103790	.000498
			.00005	.00014	.000021	.000007
JUL	13	51007.5	-.03652	.45821	-.104381	.000651
			.00005	.00007	.000020	.000019
JUL	14	51008.5	-.03407	.45969	-.105072	.000730
			.00007	.00011	.000021	.000006
JUL	15	51009.5	-.03176	.46104	-.105817	.000750
			.00008	.00012	.000021	.000021
JUL	16	51010.5	-.02962	.46200	-.106536	.000692
			.00007	.00013	.000013	.000004
JUL	17	51011.5	-.02747	.46282	-.107158	.000566
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JUL	18	51012.5	-.02538	.46367	-.107663	.000435
			.00004	.00007	.000017	.000005
JUL	19	51013.5	-.02349	.46452	-.108026	.000293
			.00011	.00013	.000023	.000017
JUL	20	51014.5	-.02148	.46539	-.108244	.000167
			.00007	.00007	.000023	.000015
JUL	21	51015.5	-.01950	.46627	-.108367	.000099
			.00003	.00007	.000017	.000017
JUL	22	51016.5	-.01756	.46721	-.108456	.000097
			.00012	.00008	.000023	.000004
JUL	23	51017.5	-.01532	.46803	-.108589	.000164
			.00005	.00013	.000025	.000023
JUL	24	51018.5	-.01301	.46879	-.108800	.000259
			.00005	.00010	.000014	.000011
JUL	25	51019.5	-.01057	.46942	-.109134	.000383
			.00005	.00012	.000013	.000008
JUL	26	51020.5	-.00793	.47030	-.109557	.000467
			.00007	.00014	.000026	.000010
JUL	27	51021.5	-.00536	.47144	-.110014	.000491
			.00007	.00011	.000024	.000024
JUL	28	51022.5	-.00300	.47258	-.110454	.000461
			.00007	.00012	.000015	.000006
JUL	29	51023.5	-.00072	.47372	-.110915	.000468
			.00005	.00003	.000019	.000014

JUL	30	51024.5	.00127	.47485	-.111408	.000487
			.00004	.00013	.000015	.000013
JUL	31	51025.5	.00301	.47595	-.111930	.000506
			.00007	.00008	.000029	.000007
AUG	1	51026.5	.00495	.47671	-.112384	.000433
			.00005	.00008	.000032	.000028
AUG	2	51027.5	.00686	.47730	-.112762	.000358
			.00006	.00010	.000017	.000016
AUG	3	51028.5	.00872	.47757	-.113107	.000329
			.00007	.00007	.000009	.000007
AUG	4	51029.5	.01074	.47790	-.113409	.000300
			.00004	.00009	.000017	.000006
AUG	5	51030.5	.01303	.47832	-.113729	.000335
			.00008	.00008	.000020	.000016
AUG	6	51031.5	.01523	.47863	-.114081	.000389
			.00011	.00008	.000022	.000012
AUG	7	51032.5	.01704	.47870	-.114530	.000508
			.00007	.00013	.000024	.000019
AUG	8	51033.5	.01883	.47854	-.115116	.000659
			.00004	.00007	.000025	.000014
AUG	9	51034.5	.02105	.47840	-.115906	.000857
			.00007	.00013	.000023	.000020
AUG	10	51035.5	.02348	.47850	-.116817	.000954
			.00004	.00004	.000021	.000012
AUG	11	51036.5	.02619	.47848	-.117805	.000993
			.00008	.00006	.000027	.000017
AUG	12	51037.5	.02920	.47850	-.118816	.000975
			.00006	.00007	.000024	.000021
AUG	13	51038.5	.03205	.47853	-.119735	.000850
			.00003	.00003	.000016	.000013
AUG	14	51039.5	.03449	.47831	-.120493	.000670
			.00006	.00004	.000012	.000010
AUG	15	51040.5	.03645	.47821	-.121040	.000462
			.00005	.00007	.000019	.000005
AUG	16	51041.5	.03829	.47784	-.121418	.000309
			.00008	.00011	.000020	.000018
AUG	17	51042.5	.04054	.47745	-.121710	.000251
			.00003	.00008	.000010	.000009
AUG	18	51043.5	.04285	.47723	-.121928	.000209
			.00006	.00003	.000012	.000005
AUG	19	51044.5	.04508	.47718	-.122105	.000196
			.00003	.00004	.000016	.000010
AUG	20	51045.5	.04731	.47727	-.122319	.000254
			.00007	.00005	.000023	.000012
AUG	21	51046.5	.04944	.47722	-.122667	.000394
			.00006	.00008	.000024	.000019
AUG	22	51047.5	.05140	.47687	-.123087	.000465
			.00004	.00010	.000020	.000014
AUG	23	51048.5	.05327	.47652	-.123572	.000519
			.00006	.00010	.000015	.000013
AUG	24	51049.5	.05518	.47639	-.124122	.000572
			.00005	.00008	.000014	.000006
AUG	25	51050.5	.05712	.47643	-.124747	.000633

			.00009	.00007	.000014	.000013
AUG	26	51051.5	.05930	.47646	-.125423	.000672
			.00006	.00010	.000015	.000004
AUG	27	51052.5	.06182	.47643	-.126068	.000629
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AUG	28	51053.5	.06438	.47632	-.126600	.000510
			.00003	.00010	.000027	.000019
AUG	29	51054.5	.06659	.47627	-.127149	.000529
			.00006	.00006	.000022	.000018
AUG	30	51055.5	.06856	.47617	-.127752	.000590
			.00008	.00007	.000020	.000012
AUG	31	51056.5	.07037	.47590	-.128348	.000596
			.00004	.00007	.000030	.000016
SEP	1	51057.5	.07208	.47526	-.128951	.000620
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SEP	2	51058.5	.07383	.47425	-.129599	.000690
			.00007	.00008	.000019	.000016
SEP	3	51059.5	.07589	.47294	-.130328	.000795
			.00008	.00007	.000015	.000011
SEP	4	51060.5	.07850	.47165	-.131194	.000954
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SEP	5	51061.5	.08126	.47059	-.132247	.001149
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SEP	6	51062.5	.08375	.46964	-.133463	.001298
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SEP	7	51063.5	.08611	.46871	-.134854	.001437
			.00005	.00006	.000022	.000015
SEP	8	51064.5	.08836	.46809	-.136325	.001468
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SEP	9	51065.5	.09049	.46751	-.137787	.001410
			.00009	.00006	.000026	.000023
SEP	10	51066.5	.09236	.46696	-.139116	.001247
			.00006	.00006	.000016	.000013
SEP	11	51067.5	.09415	.46636	-.140263	.001056
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SEP	12	51068.5	.09585	.46590	-.141211	.000867
			.00007	.00006	.000023	.000010
SEP	13	51069.5	.09782	.46549	-.141985	.000721
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SEP	15	51071.5	.10299	.46483	-.143393	.000721
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SEP	16	51072.5	.10542	.46448	-.144138	.000772
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SEP	17	51073.5	.10735	.46403	-.144955	.000854
			.00007	.00004	.000028	.000024
SEP	18	51074.5	.10863	.46329	-.145860	.000942
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			.00006	.00004	.000020	.000008
SEP	20	51076.5	.11129	.46029	-.147995	.001121
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SEP	21	51077.5	.11296	.45882	-.149148	.001151
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			.00005	.00004	.000027	.000006
SEP	23	51079.5	.11674	.45574	-.151317	.001021
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SEP	24	51080.5	.11843	.45441	-.152333	.000979
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SEP	25	51081.5	.11982	.45319	-.153300	.000929
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SEP	26	51082.5	.12087	.45198	-.154223	.000891
			.00007	.00003	.000029	.000026
SEP	27	51083.5	.12177	.45059	-.155089	.000848
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SEP	28	51084.5	.12281	.44882	-.155892	.000805
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SEP	29	51085.5	.12381	.44714	-.156716	.000851
			.00007	.00008	.000014	.000012
SEP	30	51086.5	.12481	.44569	-.157654	.000992
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OCT	1	51087.5	.12592	.44449	-.158746	.001173
			.00004	.00006	.000022	.000018
OCT	2	51088.5	.12723	.44321	-.160045	.001400
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			.00003	.00008	.000019	.000018
OCT	5	51091.5	.13223	.43883	-.165157	.001911
			.00007	.00010	.000007	.000006
OCT	6	51092.5	.13364	.43710	-.167049	.001877
			.00005	.00007	.000009	.000004
OCT	7	51093.5	.13502	.43493	-.168873	.001762
			.00003	.00011	.000013	.000008
OCT	8	51094.5	.13642	.43288	-.170614	.001652
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OCT	9	51095.5	.13804	.43117	-.172241	.001538
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OCT	10	51096.5	.13956	.43006	-.173692	.001383
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OCT	11	51097.5	.14075	.42910	-.175003	.001274
			.00009	.00008	.000035	.000015
OCT	12	51098.5	.14175	.42817	-.176259	.001251
			.00007	.00016	.000047	.000031
OCT	13	51099.5	.14242	.42682	-.177495	.001255
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OCT	14	51100.5	.14346	.42526	-.178809	.001344
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OCT	15	51101.5	.14474	.42380	-.180156	.001381
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OCT	16	51102.5	.14604	.42263	-.181519	.001392
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OCT	17	51103.5	.14744	.42150	-.182949	.001448

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OCT	18	51104.5	.14874	.42039	-.184417	.001472
			.00007	.00008	.000013	.000009
OCT	19	51105.5	.14979	.41907	-.185893	.001465
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OCT	20	51106.5	.15071	.41766	-.187360	.001444
			.00006	.00016	.000020	.000006
OCT	21	51107.5	.15154	.41585	-.188790	.001400
			.00008	.00008	.000021	.000019
OCT	22	51108.5	.15219	.41388	-.190151	.001328
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OCT	23	51109.5	.15243	.41196	-.191430	.001250
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OCT	24	51110.5	.15275	.41021	-.192700	.001254
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OCT	26	51112.5	.15383	.40712	-.195132	.001211
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OCT	27	51113.5	.15461	.40541	-.196275	.001197
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OCT	28	51114.5	.15552	.40363	-.197474	.001278
			.00005	.00003	.000021	.000018
OCT	29	51115.5	.15663	.40195	-.198815	.001446
			.00003	.00009	.000014	.000012
OCT	30	51116.5	.15773	.40045	-.200352	.001655
			.00004	.00005	.000024	.000007
OCT	31	51117.5	.15888	.39894	-.202143	.001904
			.00003	.00003	.000026	.000023
NOV	1	51118.5	.16012	.39757	-.204149	.002091
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NOV	2	51119.5	.16134	.39603	-.206268	.002156
			.00003	.00004	.000009	.000006
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			.00010	.00004	.000023	.000017
NOV	5	51122.5	.16318	.39143	-.212262	.001794
			.00010	.00004	.000020	.000016
NOV	6	51123.5	.16318	.38946	-.213967	.001632
			.00006	.00006	.000026	.000012
NOV	7	51124.5	.16341	.38709	-.215525	.001512
			.00005	.00004	.000030	.000022
NOV	8	51125.5	.16385	.38466	-.216993	.001452
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NOV	9	51126.5	.16452	.38230	-.218445	.001461
			.00003	.00010	.000034	.000023
NOV	10	51127.5	.16520	.37998	-.219872	.001448
			.00011	.00005	.000027	.000025
NOV	11	51128.5	.16582	.37779	-.221349	.001502
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NOV	13	51130.5	.16666	.37372	-.224373	.001526
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NOV	14	51131.5	.16647	.37167	-.225879	.001501
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			.00006	.00008	.000022	.000021
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NOV	19	51136.5	.16355	.36170	-.232953	.001272
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NOV	20	51137.5	.16268	.35989	-.234225	.001227
			.00005	.00006	.000010	.000004
NOV	21	51138.5	.16111	.35811	-.235464	.001208
			.00003	.00005	.000011	.000009
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NOV	23	51140.5	.15730	.35388	-.237934	.001250
			.00006	.00016	.000025	.000013
NOV	24	51141.5	.15560	.35204	-.239163	.001264
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NOV	25	51142.5	.15427	.35007	-.240478	.001371
			.00007	.00008	.000015	.000011
NOV	26	51143.5	.15333	.34819	-.241940	.001531
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NOV	27	51144.5	.15239	.34601	-.243567	.001697
			.00003	.00005	.000026	.000019
NOV	28	51145.5	.15138	.34375	-.245341	.001831
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NOV	29	51146.5	.15053	.34162	-.247218	.001903
			.00005	.00009	.000013	.000010
NOV	30	51147.5	.14977	.33998	-.249046	.001810
			.00007	.00009	.000022	.000008
DEC	1	51148.5	.14867	.33846	-.250777	.001672
			.00006	.00011	.000023	.000020
DEC	2	51149.5	.14747	.33679	-.252387	.001519
			.00013	.00016	.000019	.000011
DEC	3	51150.5	.14673	.33557	-.253825	.001344
			.00006	.00007	.000020	.000015
DEC	4	51151.5	.14632	.33468	-.255116	.001214
			.00008	.00013	.000016	.000012
DEC	5	51152.5	.14549	.33386	-.256305	.001144
			.00008	.00014	.000011	.000010
DEC	6	51153.5	.14439	.33282	-.257425	.001105
			.00005	.00006	.000011	.000004
DEC	7	51154.5	.14305	.33174	-.258498	.001080
			.00006	.00008	.000011	.000010
DEC	8	51155.5	.14153	.33048	-.259551	.001068
			.00011	.00005	.000013	.000005
DEC	9	51156.5	.14026	.32882	-.260638	.001099

			.00003	.00006	.000017	.000012
DEC	10	51157.5	.13919	.32685	-.261802	.001168
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DEC	11	51158.5	.13827	.32479	-.262994	.001181
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DEC	12	51159.5	.13763	.32286	-.264184	.001167
			.00009	.00007	.000017	.000011
DEC	13	51160.5	.13724	.32102	-.265302	.001079
			.00011	.00003	.000018	.000013
DEC	14	51161.5	.13717	.31925	-.266390	.001038
			.00009	.00009	.000013	.000012
DEC	15	51162.5	.13736	.31765	-.267363	.000915
			.00010	.00005	.000012	.000004
DEC	16	51163.5	.13767	.31634	-.268229	.000806
			.00010	.00009	.000016	.000011
DEC	17	51164.5	.13840	.31509	-.269025	.000741
			.00013	.00009	.000026	.000011
DEC	18	51165.5	.13945	.31387	-.269728	.000661
			.00010	.00011	.000024	.000023
DEC	19	51166.5	.14079	.31291	-.270393	.000641
			.00008	.00007	.000010	.000004
DEC	20	51167.5	.14199	.31216	-.271021	.000627
			.00006	.00010	.000016	.000009
DEC	21	51168.5	.14269	.31098	-.271636	.000641
			.00010	.00012	.000020	.000013
DEC	22	51169.5	.14298	.30922	-.272323	.000735
			.00006	.00009	.000024	.000015
DEC	23	51170.5	.14313	.30745	-.273140	.000881
			.00009	.00008	.000025	.000019
DEC	24	51171.5	.14315	.30602	-.274149	.001079
			.00007	.00006	.000020	.000017
DEC	25	51172.5	.14303	.30456	-.275356	.001266
			.00008	.00009	.000014	.000011
DEC	26	51173.5	.14257	.30310	-.276653	.001336
			.00006	.00008	.000012	.000008
DEC	27	51174.5	.14198	.30178	-.277985	.001341
			.00003	.00008	.000012	.000009
DEC	28	51175.5	.14147	.30053	-.279337	.001326
			.00005	.00010	.000013	.000008
DEC	29	51176.5	.14098	.29929	-.280635	.001247
			.00007	.00012	.000014	.000011
DEC	30	51177.5	.14030	.29798	-.281825	.001128
			.00003	.00014	.000012	.000009
DEC	31	51178.5	.13915	.29654	-.282864	.000987
			.00003	.00007	.000028	.000009