

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

date		mjd	x	y	ut-utc	d
1993			"	"	s	s
JAN	1	48988.5	.20853	.35831	.000000	.000000
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JAN	2	48989.5	.20885	.35499	.000000	.000000
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JAN	3	48990.5	.20913	.35170	.000000	.000000
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JAN	4	48991.5	.20939	.34869	.000000	.000000
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JAN	5	48992.5	.20967	.34596	.000000	.000000
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JAN	8	48995.5	.21116	.33778	.000000	.000000
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JAN	9	48996.5	.21210	.33513	.000000	.000000
			.00035	.00029	.000000	.000000
JAN	10	48997.5	.21317	.33260	.000000	.000000
			.00042	.00012	.000000	.000000
JAN	11	48998.5	.21424	.33020	.000000	.000000
			.00027	.00036	.000000	.000000
JAN	12	48999.5	.21507	.32791	.000000	.000000
			.00043	.00021	.000000	.000000
JAN	13	49000.5	.21540	.32559	.000000	.000000
			.00024	.00027	.000000	.000000
JAN	14	49001.5	.21522	.32310	.000000	.000000
			.00008	.00005	.000000	.000000
JAN	15	49002.5	.21463	.32043	.000000	.000000
			.00031	.00020	.000000	.000000
JAN	16	49003.5	.21381	.31761	.000000	.000000
			.00038	.00038	.000000	.000000
JAN	17	49004.5	.21303	.31470	.000000	.000000
			.00040	.00029	.000000	.000000
JAN	18	49005.5	.21244	.31174	.000000	.000000
			.00030	.00040	.000000	.000000
JAN	19	49006.5	.21205	.30874	.000000	.000000
			.00017	.00039	.000000	.000000
JAN	20	49007.5	.21181	.30578	.000000	.000000
			.00012	.00016	.000000	.000000
JAN	21	49008.5	.21175	.30299	.000000	.000000
			.00025	.00018	.000000	.000000
JAN	22	49009.5	.21183	.30051	.000000	.000000
			.00033	.00036	.000000	.000000
JAN	23	49010.5	.21192	.29834	.000000	.000000
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JAN	24	49011.5	.21200	.29641	.000000	.000000
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JAN	25	49012.5	.21202	.29455	.000000	.000000

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JAN	27	49014.5	.21169	.29051	.000000	.000000
			.00009	.00017	.000000	.000000
JAN	28	49015.5	.21123	.28822	.000000	.000000
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JAN	29	49016.5	.21044	.28580	.000000	.000000
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JAN	30	49017.5	.20929	.28331	.000000	.000000
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JAN	31	49018.5	.20791	.28069	.000000	.000000
			.00021	.00015	.000000	.000000
FEB	1	49019.5	.20656	.27790	.000000	.000000
			.00027	.00026	.000000	.000000
FEB	2	49020.5	.20557	.27497	.000000	.000000
			.00022	.00033	.000000	.000000
FEB	3	49021.5	.20513	.27207	.000000	.000000
			.00035	.00018	.000000	.000000
FEB	4	49022.5	.20523	.26934	.000000	.000000
			.00022	.00023	.000000	.000000
FEB	5	49023.5	.20558	.26686	.000000	.000000
			.00021	.00023	.000000	.000000
FEB	6	49024.5	.20584	.26460	.000000	.000000
			.00007	.00024	.000000	.000000
FEB	7	49025.5	.20573	.26240	.000000	.000000
			.00033	.00008	.000000	.000000
FEB	8	49026.5	.20517	.26012	.000000	.000000
			.00015	.00040	.000000	.000000
FEB	9	49027.5	.20428	.25764	.000000	.000000
			.00020	.00009	.000000	.000000
FEB	10	49028.5	.20323	.25502	.000000	.000000
			.00012	.00017	.000000	.000000
FEB	11	49029.5	.20213	.25240	.000000	.000000
			.00003	.00020	.000000	.000000
FEB	12	49030.5	.20101	.24982	.000000	.000000
			.00023	.00010	.000000	.000000
FEB	13	49031.5	.19990	.24723	.000000	.000000
			.00020	.00017	.000000	.000000
FEB	14	49032.5	.19885	.24458	.000000	.000000
			.00023	.00011	.000000	.000000
FEB	15	49033.5	.19798	.24189	.000000	.000000
			.00014	.00024	.000000	.000000
FEB	16	49034.5	.19729	.23925	.000000	.000000
			.00027	.00018	.000000	.000000
FEB	17	49035.5	.19671	.23680	.000000	.000000
			.00023	.00015	.000000	.000000
FEB	18	49036.5	.19611	.23463	.000000	.000000
			.00027	.00016	.000000	.000000
FEB	19	49037.5	.19538	.23282	.000000	.000000
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FEB	20	49038.5	.19433	.23138	.000000	.000000
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FEB	21	49039.5	.19277	.23007	.000000	.000000
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FEB	22	49040.5	.19060	.22866	.000000	.000000
			.00065	.00011	.000000	.000000
FEB	23	49041.5	.18802	.22701	.000000	.000000
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FEB	24	49042.5	.18543	.22506	.000000	.000000
			.00030	.00029	.000000	.000000
FEB	25	49043.5	.18313	.22288	.000000	.000000
			.00016	.00050	.000000	.000000
FEB	26	49044.5	.18114	.22060	.000000	.000000
			.00061	.00056	.000000	.000000
FEB	27	49045.5	.17932	.21829	.000000	.000000
			.00125	.00040	.000000	.000000
FEB	28	49046.5	.17742	.21609	.000000	.000000
			.00058	.00099	.000000	.000000
MAR	1	49047.5	.17546	.21417	.000000	.000000
			.00037	.00025	.000000	.000000
MAR	2	49048.5	.17358	.21247	.000000	.000000
			.00037	.00008	.000000	.000000
MAR	3	49049.5	.17192	.21090	.000000	.000000
			.00031	.00018	.000000	.000000
MAR	4	49050.5	.17050	.20938	.000000	.000000
			.00044	.00019	.000000	.000000
MAR	5	49051.5	.16918	.20790	.000000	.000000
			.00026	.00012	.000000	.000000
MAR	6	49052.5	.16784	.20642	.000000	.000000
			.00029	.00013	.000000	.000000
MAR	7	49053.5	.16645	.20485	.000000	.000000
			.00027	.00030	.000000	.000000
MAR	8	49054.5	.16513	.20314	.000000	.000000
			.00022	.00007	.000000	.000000
MAR	9	49055.5	.16411	.20139	.000000	.000000
			.00030	.00016	.000000	.000000
MAR	10	49056.5	.16343	.19974	.000000	.000000
			.00012	.00013	.000000	.000000
MAR	11	49057.5	.16290	.19822	.000000	.000000
			.00019	.00010	.000000	.000000
MAR	12	49058.5	.16217	.19682	.000000	.000000
			.00016	.00013	.000000	.000000
MAR	13	49059.5	.16100	.19546	.000000	.000000
			.00020	.00012	.000000	.000000
MAR	14	49060.5	.15928	.19405	.000000	.000000
			.00015	.00026	.000000	.000000
MAR	15	49061.5	.15706	.19255	.000000	.000000
			.00014	.00019	.000000	.000000
MAR	16	49062.5	.15453	.19102	.000000	.000000
			.00025	.00023	.000000	.000000
MAR	17	49063.5	.15191	.18951	.000000	.000000
			.00025	.00017	.000000	.000000
MAR	18	49064.5	.14943	.18799	.000000	.000000
			.00014	.00012	.000000	.000000
MAR	19	49065.5	.14723	.18646	.000000	.000000

			.00019	.00023	.000000	.000000
MAR	20	49066.5	.14533	.18492	.000000	.000000
			.00025	.00022	.000000	.000000
MAR	21	49067.5	.14356	.18344	.000000	.000000
			.00017	.00019	.000000	.000000
MAR	22	49068.5	.14174	.18206	.000000	.000000
			.00014	.00018	.000000	.000000
MAR	23	49069.5	.13970	.18082	.000000	.000000
			.00022	.00012	.000000	.000000
MAR	24	49070.5	.13738	.17969	.000000	.000000
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MAR	25	49071.5	.13470	.17859	.000000	.000000
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MAR	26	49072.5	.13164	.17741	.000000	.000000
			.00007	.00020	.000000	.000000
MAR	27	49073.5	.12838	.17613	.000000	.000000
			.00019	.00023	.000000	.000000
MAR	28	49074.5	.12512	.17476	.000000	.000000
			.00007	.00021	.000000	.000000
MAR	29	49075.5	.12202	.17333	.000000	.000000
			.00009	.00032	.000000	.000000
MAR	30	49076.5	.11916	.17196	.000000	.000000
			.00019	.00028	.000000	.000000
MAR	31	49077.5	.11655	.17086	.000000	.000000
			.00011	.00033	.000000	.000000
APR	1	49078.5	.11402	.17008	.000000	.000000
			.00015	.00024	.000000	.000000
APR	2	49079.5	.11138	.16949	.000000	.000000
			.00020	.00011	.000000	.000000
APR	3	49080.5	.10848	.16897	.000000	.000000
			.00014	.00015	.000000	.000000
APR	4	49081.5	.10535	.16844	.000000	.000000
			.00031	.00009	.000000	.000000
APR	5	49082.5	.10210	.16791	.000000	.000000
			.00028	.00022	.000000	.000000
APR	6	49083.5	.09880	.16743	.000000	.000000
			.00023	.00018	.000000	.000000
APR	7	49084.5	.09546	.16697	.000000	.000000
			.00014	.00018	.000000	.000000
APR	8	49085.5	.09217	.16643	.000000	.000000
			.00033	.00017	.000000	.000000
APR	9	49086.5	.08903	.16583	.000000	.000000
			.00037	.00014	.000000	.000000
APR	10	49087.5	.08604	.16527	.000000	.000000
			.00030	.00017	.000000	.000000
APR	11	49088.5	.08329	.16491	.000000	.000000
			.00027	.00037	.000000	.000000
APR	12	49089.5	.08084	.16479	.000000	.000000
			.00026	.00047	.000000	.000000
APR	13	49090.5	.07878	.16477	.000000	.000000
			.00027	.00015	.000000	.000000
APR	14	49091.5	.07703	.16475	.000000	.000000
			.00015	.00015	.000000	.000000

APR	15	49092.5	.07538	.16464	.000000	.000000
			.00034	.00011	.000000	.000000
APR	16	49093.5	.07361	.16438	.000000	.000000
			.00038	.00032	.000000	.000000
APR	17	49094.5	.07159	.16403	.000000	.000000
			.00023	.00018	.000000	.000000
APR	18	49095.5	.06918	.16377	.000000	.000000
			.00028	.00018	.000000	.000000
APR	19	49096.5	.06641	.16374	.000000	.000000
			.00022	.00030	.000000	.000000
APR	20	49097.5	.06350	.16391	.000000	.000000
			.00048	.00045	.000000	.000000
APR	21	49098.5	.06070	.16417	.000000	.000000
			.00058	.00033	.000000	.000000
APR	22	49099.5	.05804	.16432	.000000	.000000
			.00054	.00028	.000000	.000000
APR	23	49100.5	.05532	.16431	.000000	.000000
			.00036	.00061	.000000	.000000
APR	24	49101.5	.05251	.16421	.000000	.000000
			.00017	.00024	.000000	.000000
APR	25	49102.5	.04976	.16411	.000000	.000000
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APR	26	49103.5	.04723	.16408	.000000	.000000
			.00018	.00018	.000000	.000000
APR	27	49104.5	.04497	.16418	.000000	.000000
			.00009	.00025	.000000	.000000
APR	28	49105.5	.04289	.16444	.000000	.000000
			.00026	.00029	.000000	.000000
APR	29	49106.5	.04088	.16481	.000000	.000000
			.00023	.00043	.000000	.000000
APR	30	49107.5	.03892	.16522	.000000	.000000
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MAY	1	49108.5	.03711	.16567	.000000	.000000
			.00029	.00017	.000000	.000000
MAY	2	49109.5	.03552	.16610	.000000	.000000
			.00055	.00032	.000000	.000000
MAY	3	49110.5	.03404	.16643	.000000	.000000
			.00031	.00022	.000000	.000000
MAY	4	49111.5	.03246	.16665	.000000	.000000
			.00009	.00016	.000000	.000000
MAY	5	49112.5	.03068	.16672	.000000	.000000
			.00017	.00021	.000000	.000000
MAY	6	49113.5	.02874	.16666	.000000	.000000
			.00052	.00005	.000000	.000000
MAY	7	49114.5	.02672	.16653	.000000	.000000
			.00025	.00008	.000000	.000000
MAY	8	49115.5	.02461	.16640	.000000	.000000
			.00019	.00020	.000000	.000000
MAY	9	49116.5	.02249	.16635	.000000	.000000
			.00010	.00018	.000000	.000000
MAY	10	49117.5	.02051	.16642	.000000	.000000
			.00025	.00026	.000000	.000000
MAY	11	49118.5	.01877	.16667	.000000	.000000

			.00017	.00016	.000000	.000000
MAY	12	49119.5	.01724	.16706	.000000	.000000
			.00022	.00008	.000000	.000000
MAY	13	49120.5	.01584	.16756	.000000	.000000
			.00022	.00007	.000000	.000000
MAY	14	49121.5	.01451	.16814	.000000	.000000
			.00023	.00011	.000000	.000000
MAY	15	49122.5	.01321	.16884	.000000	.000000
			.00010	.00012	.000000	.000000
MAY	16	49123.5	.01197	.16964	.000000	.000000
			.00012	.00006	.000000	.000000
MAY	17	49124.5	.01081	.17053	.000000	.000000
			.00031	.00011	.000000	.000000
MAY	18	49125.5	.00976	.17143	.000000	.000000
			.00009	.00024	.000000	.000000
MAY	19	49126.5	.00871	.17232	.000000	.000000
			.00024	.00028	.000000	.000000
MAY	20	49127.5	.00749	.17317	.000000	.000000
			.00026	.00021	.000000	.000000
MAY	21	49128.5	.00602	.17404	.000000	.000000
			.00034	.00017	.000000	.000000
MAY	22	49129.5	.00428	.17495	.000000	.000000
			.00023	.00024	.000000	.000000
MAY	23	49130.5	.00220	.17589	.000000	.000000
			.00020	.00009	.000000	.000000
MAY	24	49131.5	-.00025	.17676	.000000	.000000
			.00018	.00004	.000000	.000000
MAY	25	49132.5	-.00290	.17745	.000000	.000000
			.00013	.00010	.000000	.000000
MAY	26	49133.5	-.00551	.17794	.000000	.000000
			.00019	.00005	.000000	.000000
MAY	27	49134.5	-.00782	.17830	.000000	.000000
			.00017	.00010	.000000	.000000
MAY	28	49135.5	-.00973	.17861	.000000	.000000
			.00031	.00004	.000000	.000000
MAY	29	49136.5	-.01130	.17897	.000000	.000000
			.00016	.00018	.000000	.000000
MAY	30	49137.5	-.01277	.17939	.000000	.000000
			.00015	.00056	.000000	.000000
MAY	31	49138.5	-.01440	.17991	.000000	.000000
			.00032	.00043	.000000	.000000
JUN	1	49139.5	-.01624	.18039	.000000	.000000
			.00026	.00010	.000000	.000000
JUN	2	49140.5	-.01818	.18078	.000000	.000000
			.00021	.00016	.000000	.000000
JUN	3	49141.5	-.02010	.18119	.000000	.000000
			.00010	.00011	.000000	.000000
JUN	4	49142.5	-.02196	.18173	.000000	.000000
			.00020	.00020	.000000	.000000
JUN	5	49143.5	-.02377	.18247	.000000	.000000
			.00058	.00061	.000000	.000000
JUN	6	49144.5	-.02557	.18340	.000000	.000000
			.00034	.00045	.000000	.000000

JUN	7	49145.5	-.02742	.18445	.000000	.000000
			.00014	.00016	.000000	.000000
JUN	8	49146.5	-.02934	.18551	.000000	.000000
			.00024	.00016	.000000	.000000
JUN	9	49147.5	-.03124	.18650	.000000	.000000
			.00013	.00026	.000000	.000000
JUN	10	49148.5	-.03298	.18739	.000000	.000000
			.00007	.00014	.000000	.000000
JUN	11	49149.5	-.03440	.18826	.000000	.000000
			.00022	.00021	.000000	.000000
JUN	12	49150.5	-.03548	.18925	.000000	.000000
			.00022	.00026	.000000	.000000
JUN	13	49151.5	-.03638	.19051	.000000	.000000
			.00012	.00022	.000000	.000000
JUN	14	49152.5	-.03730	.19201	.000000	.000000
			.00025	.00023	.000000	.000000
JUN	15	49153.5	-.03847	.19356	.000000	.000000
			.00018	.00022	.000000	.000000
JUN	16	49154.5	-.03998	.19502	.000000	.000000
			.00011	.00019	.000000	.000000
JUN	17	49155.5	-.04183	.19632	.000000	.000000
			.00020	.00011	.000000	.000000
JUN	18	49156.5	-.04398	.19740	.000000	.000000
			.00014	.00007	.000000	.000000
JUN	19	49157.5	-.04627	.19829	.000000	.000000
			.00004	.00018	.000000	.000000
JUN	20	49158.5	-.04853	.19908	.000000	.000000
			.00016	.00005	.000000	.000000
JUN	21	49159.5	-.05064	.19984	.000000	.000000
			.00021	.00021	.000000	.000000
JUN	22	49160.5	-.05245	.20064	.000000	.000000
			.00014	.00024	.000000	.000000
JUN	23	49161.5	-.05390	.20158	.000000	.000000
			.00018	.00015	.000000	.000000
JUN	24	49162.5	-.05503	.20268	.000000	.000000
			.00008	.00036	.000000	.000000
JUN	25	49163.5	-.05596	.20389	.000000	.000000
			.00015	.00024	.000000	.000000
JUN	26	49164.5	-.05689	.20512	.000000	.000000
			.00036	.00028	.000000	.000000
JUN	27	49165.5	-.05798	.20626	.000000	.000000
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JUN	28	49166.5	-.05925	.20732	.000000	.000000
			.00007	.00011	.000000	.000000
JUN	29	49167.5	-.06060	.20837	.000000	.000000
			.00023	.00006	.000000	.000000
JUN	30	49168.5	-.06194	.20952	.000000	.000000
			.00022	.00028	.000000	.000000
JUL	1	49169.5	-.06323	.21079	.000000	.000000
			.00015	.00009	.000000	.000000
JUL	2	49170.5	-.06441	.21210	.000000	.000000
			.00009	.00014	.000000	.000000
JUL	3	49171.5	-.06547	.21332	.000000	.000000

			.00015	.00013	.000000	.000000
JUL	4	49172.5	-.06638	.21440	.000000	.000000
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JUL	5	49173.5	-.06716	.21534	.000000	.000000
			.00007	.00016	.000000	.000000
JUL	6	49174.5	-.06775	.21618	.000000	.000000
			.00021	.00034	.000000	.000000
JUL	7	49175.5	-.06813	.21696	.000000	.000000
			.00037	.00047	.000000	.000000
JUL	8	49176.5	-.06823	.21783	.000000	.000000
			.00007	.00016	.000000	.000000
JUL	9	49177.5	-.06815	.21881	.000000	.000000
			.00018	.00037	.000000	.000000
JUL	10	49178.5	-.06804	.21988	.000000	.000000
			.00019	.00009	.000000	.000000
JUL	11	49179.5	-.06806	.22102	.000000	.000000
			.00028	.00007	.000000	.000000
JUL	12	49180.5	-.06837	.22222	.000000	.000000
			.00017	.00010	.000000	.000000
JUL	13	49181.5	-.06895	.22352	.000000	.000000
			.00022	.00024	.000000	.000000
JUL	14	49182.5	-.06967	.22491	.000000	.000000
			.00013	.00011	.000000	.000000
JUL	15	49183.5	-.07043	.22641	.000000	.000000
			.00031	.00022	.000000	.000000
JUL	16	49184.5	-.07115	.22798	.000000	.000000
			.00036	.00048	.000000	.000000
JUL	17	49185.5	-.07173	.22962	.000000	.000000
			.00010	.00028	.000000	.000000
JUL	18	49186.5	-.07216	.23135	.000000	.000000
			.00020	.00015	.000000	.000000
JUL	19	49187.5	-.07252	.23316	.000000	.000000
			.00037	.00004	.000000	.000000
JUL	20	49188.5	-.07297	.23500	.000000	.000000
			.00031	.00039	.000000	.000000
JUL	21	49189.5	-.07350	.23682	.000000	.000000
			.00028	.00023	.000000	.000000
JUL	22	49190.5	-.07402	.23856	.000000	.000000
			.00028	.00011	.000000	.000000
JUL	23	49191.5	-.07454	.24024	.000000	.000000
			.00021	.00023	.000000	.000000
JUL	24	49192.5	-.07519	.24187	.000000	.000000
			.00022	.00036	.000000	.000000
JUL	25	49193.5	-.07604	.24340	.000000	.000000
			.00020	.00016	.000000	.000000
JUL	26	49194.5	-.07703	.24483	.000000	.000000
			.00025	.00013	.000000	.000000
JUL	27	49195.5	-.07812	.24627	.000000	.000000
			.00019	.00011	.000000	.000000
JUL	28	49196.5	-.07932	.24783	.000000	.000000
			.00013	.00018	.000000	.000000
JUL	29	49197.5	-.08056	.24958	.000000	.000000
			.00018	.00032	.000000	.000000

JUL	30	49198.5	-.08177	.25145	.000000	.000000
			.00006	.00032	.000000	.000000
JUL	31	49199.5	-.08289	.25326	.000000	.000000
			.00008	.00012	.000000	.000000
AUG	1	49200.5	-.08393	.25500	.000000	.000000
			.00026	.00003	.000000	.000000
AUG	2	49201.5	-.08494	.25677	.000000	.000000
			.00052	.00026	.000000	.000000
AUG	3	49202.5	-.08595	.25868	.000000	.000000
			.00053	.00004	.000000	.000000
AUG	4	49203.5	-.08701	.26071	.000000	.000000
			.00047	.00010	.000000	.000000
AUG	5	49204.5	-.08833	.26276	.000000	.000000
			.00028	.00009	.000000	.000000
AUG	6	49205.5	-.08989	.26476	.000000	.000000
			.00008	.00017	.000000	.000000
AUG	7	49206.5	-.09152	.26670	.000000	.000000
			.00022	.00013	.000000	.000000
AUG	8	49207.5	-.09296	.26862	.000000	.000000
			.00008	.00027	.000000	.000000
AUG	9	49208.5	-.09406	.27066	.000000	.000000
			.00033	.00020	.000000	.000000
AUG	10	49209.5	-.09476	.27284	.000000	.000000
			.00021	.00027	.000000	.000000
AUG	11	49210.5	-.09521	.27510	.000000	.000000
			.00013	.00018	.000000	.000000
AUG	12	49211.5	-.09561	.27737	.000000	.000000
			.00019	.00015	.000000	.000000
AUG	13	49212.5	-.09613	.27961	.000000	.000000
			.00019	.00026	.000000	.000000
AUG	14	49213.5	-.09680	.28180	.000000	.000000
			.00005	.00005	.000000	.000000
AUG	15	49214.5	-.09757	.28386	.000000	.000000
			.00008	.00008	.000000	.000000
AUG	16	49215.5	-.09836	.28572	.000000	.000000
			.00013	.00016	.000000	.000000
AUG	17	49216.5	-.09911	.28736	.000000	.000000
			.00018	.00011	.000000	.000000
AUG	18	49217.5	-.09986	.28883	.000000	.000000
			.00023	.00007	.000000	.000000
AUG	19	49218.5	-.10062	.29024	.000000	.000000
			.00026	.00013	.000000	.000000
AUG	20	49219.5	-.10134	.29174	.000000	.000000
			.00019	.00022	.000000	.000000
AUG	21	49220.5	-.10188	.29341	.000000	.000000
			.00014	.00027	.000000	.000000
AUG	22	49221.5	-.10213	.29524	.000000	.000000
			.00007	.00024	.000000	.000000
AUG	23	49222.5	-.10210	.29715	.000000	.000000
			.00004	.00019	.000000	.000000
AUG	24	49223.5	-.10187	.29913	.000000	.000000
			.00013	.00007	.000000	.000000
AUG	25	49224.5	-.10153	.30123	.000000	.000000

			.00011	.00016	.000000	.000000
AUG	26	49225.5	-.10114	.30352	.000000	.000000
			.00016	.00025	.000000	.000000
AUG	27	49226.5	-.10078	.30592	.000000	.000000
			.00019	.00029	.000000	.000000
AUG	28	49227.5	-.10047	.30833	.000000	.000000
			.00027	.00013	.000000	.000000
AUG	29	49228.5	-.10017	.31062	.000000	.000000
			.00026	.00012	.000000	.000000
AUG	30	49229.5	-.09986	.31272	.000000	.000000
			.00012	.00015	.000000	.000000
AUG	31	49230.5	-.09964	.31463	.000000	.000000
			.00022	.00010	.000000	.000000
SEP	1	49231.5	-.09952	.31645	.000000	.000000
			.00014	.00017	.000000	.000000
SEP	2	49232.5	-.09942	.31828	.000000	.000000
			.00041	.00032	.000000	.000000
SEP	3	49233.5	-.09927	.32020	.000000	.000000
			.00008	.00011	.000000	.000000
SEP	4	49234.5	-.09921	.32214	.000000	.000000
			.00031	.00013	.000000	.000000
SEP	5	49235.5	-.09939	.32401	.000000	.000000
			.00009	.00014	.000000	.000000
SEP	6	49236.5	-.09981	.32574	.000000	.000000
			.00017	.00011	.000000	.000000
SEP	7	49237.5	-.10037	.32731	.000000	.000000
			.00033	.00008	.000000	.000000
SEP	8	49238.5	-.10088	.32883	.000000	.000000
			.00008	.00013	.000000	.000000
SEP	9	49239.5	-.10118	.33038	.000000	.000000
			.00009	.00019	.000000	.000000
SEP	10	49240.5	-.10114	.33203	.000000	.000000
			.00012	.00015	.000000	.000000
SEP	11	49241.5	-.10073	.33383	.000000	.000000
			.00013	.00014	.000000	.000000
SEP	12	49242.5	-.10001	.33582	.000000	.000000
			.00009	.00027	.000000	.000000
SEP	13	49243.5	-.09916	.33803	.000000	.000000
			.00007	.00006	.000000	.000000
SEP	14	49244.5	-.09833	.34040	.000000	.000000
			.00022	.00006	.000000	.000000
SEP	15	49245.5	-.09764	.34280	.000000	.000000
			.00012	.00007	.000000	.000000
SEP	16	49246.5	-.09715	.34513	.000000	.000000
			.00006	.00006	.000000	.000000
SEP	17	49247.5	-.09684	.34726	.000000	.000000
			.00032	.00027	.000000	.000000
SEP	18	49248.5	-.09668	.34908	.000000	.000000
			.00026	.00016	.000000	.000000
SEP	19	49249.5	-.09673	.35056	.000000	.000000
			.00018	.00026	.000000	.000000
SEP	20	49250.5	-.09694	.35177	.000000	.000000
			.00002	.00009	.000000	.000000

SEP	21	49251.5	-.09719	.35293	.000000	.000000
			.00032	.00024	.000000	.000000
SEP	22	49252.5	-.09734	.35430	.000000	.000000
			.00009	.00018	.000000	.000000
SEP	23	49253.5	-.09731	.35596	.000000	.000000
			.00018	.00016	.000000	.000000
SEP	24	49254.5	-.09707	.35785	.000000	.000000
			.00021	.00042	.000000	.000000
SEP	25	49255.5	-.09666	.35981	.000000	.000000
			.00025	.00007	.000000	.000000
SEP	26	49256.5	-.09616	.36180	.000000	.000000
			.00021	.00023	.000000	.000000
SEP	27	49257.5	-.09575	.36380	.000000	.000000
			.00022	.00019	.000000	.000000
SEP	28	49258.5	-.09553	.36575	.000000	.000000
			.00023	.00007	.000000	.000000
SEP	29	49259.5	-.09552	.36761	.000000	.000000
			.00010	.00004	.000000	.000000
SEP	30	49260.5	-.09555	.36940	.000000	.000000
			.00017	.00010	.000000	.000000
OCT	1	49261.5	-.09543	.37116	.000000	.000000
			.00024	.00017	.000000	.000000
OCT	2	49262.5	-.09503	.37298	.000000	.000000
			.00008	.00015	.000000	.000000
OCT	3	49263.5	-.09444	.37488	.000000	.000000
			.00010	.00018	.000000	.000000
OCT	4	49264.5	-.09378	.37686	.000000	.000000
			.00017	.00026	.000000	.000000
OCT	5	49265.5	-.09322	.37883	.000000	.000000
			.00013	.00016	.000000	.000000
OCT	6	49266.5	-.09277	.38072	.000000	.000000
			.00021	.00026	.000000	.000000
OCT	7	49267.5	-.09229	.38250	.000000	.000000
			.00026	.00009	.000000	.000000
OCT	8	49268.5	-.09158	.38422	.000000	.000000
			.00013	.00032	.000000	.000000
OCT	9	49269.5	-.09057	.38598	.000000	.000000
			.00009	.00019	.000000	.000000
OCT	10	49270.5	-.08933	.38781	.000000	.000000
			.00015	.00017	.000000	.000000
OCT	11	49271.5	-.08797	.38975	.000000	.000000
			.00012	.00013	.000000	.000000
OCT	12	49272.5	-.08659	.39184	.000000	.000000
			.00029	.00014	.000000	.000000
OCT	13	49273.5	-.08522	.39404	.000000	.000000
			.00011	.00015	.000000	.000000
OCT	14	49274.5	-.08394	.39621	.000000	.000000
			.00015	.00019	.000000	.000000
OCT	15	49275.5	-.08287	.39821	.000000	.000000
			.00032	.00018	.000000	.000000
OCT	16	49276.5	-.08213	.39996	.000000	.000000
			.00022	.00026	.000000	.000000
OCT	17	49277.5	-.08167	.40145	.000000	.000000

			.00002	.00032	.000000	.000000
OCT	18	49278.5	-.08129	.40270	.000000	.000000
			.00031	.00021	.000000	.000000
OCT	19	49279.5	-.08079	.40389	.000000	.000000
			.00023	.00010	.000000	.000000
OCT	20	49280.5	-.08019	.40513	.000000	.000000
			.00018	.00016	.000000	.000000
OCT	21	49281.5	-.07962	.40649	.000000	.000000
			.00020	.00011	.000000	.000000
OCT	22	49282.5	-.07918	.40795	.000000	.000000
			.00020	.00015	.000000	.000000
OCT	23	49283.5	-.07881	.40944	.000000	.000000
			.00014	.00012	.000000	.000000
OCT	24	49284.5	-.07832	.41100	.000000	.000000
			.00018	.00009	.000000	.000000
OCT	25	49285.5	-.07760	.41264	.000000	.000000
			.00039	.00015	.000000	.000000
OCT	26	49286.5	-.07671	.41438	.000000	.000000
			.00015	.00004	.000000	.000000
OCT	27	49287.5	-.07585	.41615	.000000	.000000
			.00021	.00006	.000000	.000000
OCT	28	49288.5	-.07520	.41782	.000000	.000000
			.00007	.00016	.000000	.000000
OCT	29	49289.5	-.07478	.41929	.000000	.000000
			.00041	.00028	.000000	.000000
OCT	30	49290.5	-.07442	.42043	.000000	.000000
			.00035	.00018	.000000	.000000
OCT	31	49291.5	-.07384	.42131	.000000	.000000
			.00021	.00032	.000000	.000000
NOV	1	49292.5	-.07286	.42206	.000000	.000000
			.00018	.00024	.000000	.000000
NOV	2	49293.5	-.07144	.42287	.000000	.000000
			.00005	.00020	.000000	.000000
NOV	3	49294.5	-.06964	.42386	.000000	.000000
			.00026	.00024	.000000	.000000
NOV	4	49295.5	-.06758	.42508	.000000	.000000
			.00024	.00043	.000000	.000000
NOV	5	49296.5	-.06543	.42653	.000000	.000000
			.00011	.00023	.000000	.000000
NOV	6	49297.5	-.06330	.42815	.000000	.000000
			.00011	.00020	.000000	.000000
NOV	7	49298.5	-.06122	.42981	.000000	.000000
			.00025	.00017	.000000	.000000
NOV	8	49299.5	-.05925	.43138	.000000	.000000
			.00014	.00017	.000000	.000000
NOV	9	49300.5	-.05746	.43280	.000000	.000000
			.00015	.00019	.000000	.000000
NOV	10	49301.5	-.05586	.43408	.000000	.000000
			.00018	.00032	.000000	.000000
NOV	11	49302.5	-.05440	.43527	.000000	.000000
			.00010	.00028	.000000	.000000
NOV	12	49303.5	-.05300	.43630	.000000	.000000
			.00007	.00020	.000000	.000000

NOV	13	49304.5	-.05160	.43721	.000000	.000000
			.00025	.00024	.000000	.000000
NOV	14	49305.5	-.05021	.43804	.000000	.000000
			.00008	.00009	.000000	.000000
NOV	15	49306.5	-.04891	.43888	.000000	.000000
			.00009	.00016	.000000	.000000
NOV	16	49307.5	-.04780	.43977	.000000	.000000
			.00025	.00006	.000000	.000000
NOV	17	49308.5	-.04695	.44077	.000000	.000000
			.00018	.00008	.000000	.000000
NOV	18	49309.5	-.04633	.44187	.000000	.000000
			.00021	.00012	.000000	.000000
NOV	19	49310.5	-.04588	.44307	.000000	.000000
			.00016	.00018	.000000	.000000
NOV	20	49311.5	-.04545	.44425	.000000	.000000
			.00012	.00028	.000000	.000000
NOV	21	49312.5	-.04485	.44531	.000000	.000000
			.00013	.00005	.000000	.000000
NOV	22	49313.5	-.04399	.44626	.000000	.000000
			.00024	.00012	.000000	.000000
NOV	23	49314.5	-.04292	.44716	.000000	.000000
			.00022	.00010	.000000	.000000
NOV	24	49315.5	-.04182	.44806	.000000	.000000
			.00020	.00010	.000000	.000000
NOV	25	49316.5	-.04086	.44898	.000000	.000000
			.00012	.00015	.000000	.000000
NOV	26	49317.5	-.04012	.44990	.000000	.000000
			.00010	.00020	.000000	.000000
NOV	27	49318.5	-.03954	.45073	.000000	.000000
			.00028	.00031	.000000	.000000
NOV	28	49319.5	-.03903	.45139	.000000	.000000
			.00006	.00031	.000000	.000000
NOV	29	49320.5	-.03838	.45190	.000000	.000000
			.00030	.00023	.000000	.000000
NOV	30	49321.5	-.03741	.45243	.000000	.000000
			.00019	.00034	.000000	.000000
DEC	1	49322.5	-.03610	.45309	.000000	.000000
			.00020	.00016	.000000	.000000
DEC	2	49323.5	-.03457	.45387	.000000	.000000
			.00017	.00013	.000000	.000000
DEC	3	49324.5	-.03294	.45475	.000000	.000000
			.00021	.00005	.000000	.000000
DEC	4	49325.5	-.03132	.45572	.000000	.000000
			.00008	.00011	.000000	.000000
DEC	5	49326.5	-.02978	.45678	.000000	.000000
			.00011	.00011	.000000	.000000
DEC	6	49327.5	-.02834	.45786	.000000	.000000
			.00010	.00016	.000000	.000000
DEC	7	49328.5	-.02702	.45893	.000000	.000000
			.00018	.00023	.000000	.000000
DEC	8	49329.5	-.02574	.45993	.000000	.000000
			.00010	.00015	.000000	.000000
DEC	9	49330.5	-.02444	.46087	.000000	.000000

			.00009	.00024	.000000	.000000
DEC	10	49331.5	-.02310	.46179	.000000	.000000
			.00029	.00024	.000000	.000000
DEC	11	49332.5	-.02178	.46274	.000000	.000000
			.00031	.00016	.000000	.000000
DEC	12	49333.5	-.02058	.46381	.000000	.000000
			.00013	.00024	.000000	.000000
DEC	13	49334.5	-.01952	.46503	.000000	.000000
			.00020	.00018	.000000	.000000
DEC	14	49335.5	-.01856	.46639	.000000	.000000
			.00018	.00013	.000000	.000000
DEC	15	49336.5	-.01764	.46768	.000000	.000000
			.00012	.00011	.000000	.000000
DEC	16	49337.5	-.01660	.46879	.000000	.000000
			.00035	.00023	.000000	.000000
DEC	17	49338.5	-.01536	.46968	.000000	.000000
			.00013	.00015	.000000	.000000
DEC	18	49339.5	-.01399	.47038	.000000	.000000
			.00026	.00022	.000000	.000000
DEC	19	49340.5	-.01249	.47103	.000000	.000000
			.00022	.00014	.000000	.000000
DEC	20	49341.5	-.01077	.47178	.000000	.000000
			.00025	.00023	.000000	.000000
DEC	21	49342.5	-.00867	.47275	.000000	.000000
			.00023	.00016	.000000	.000000
DEC	22	49343.5	-.00620	.47388	.000000	.000000
			.00026	.00016	.000000	.000000
DEC	23	49344.5	-.00357	.47498	.000000	.000000
			.00013	.00005	.000000	.000000
DEC	24	49345.5	-.00111	.47589	.000000	.000000
			.00021	.00003	.000000	.000000
DEC	25	49346.5	.00087	.47650	.000000	.000000
			.00027	.00003	.000000	.000000
DEC	26	49347.5	.00233	.47678	.000000	.000000
			.00010	.00004	.000000	.000000
DEC	27	49348.5	.00347	.47677	.000000	.000000
			.00036	.00011	.000000	.000000
DEC	28	49349.5	.00458	.47656	.000000	.000000
			.00018	.00009	.000000	.000000
DEC	29	49350.5	.00586	.47631	.000000	.000000
			.00017	.00012	.000000	.000000
DEC	30	49351.5	.00741	.47620	.000000	.000000
			.00019	.00011	.000000	.000000
DEC	31	49352.5	.00929	.47631	.000000	.000000
			.00022	.00011	.000000	.000000