

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

date		mjd	x	y	ut-utc	d
2001			"	"	s	s
JAN	1	51910.5	-.07299	.39889	.000000	.000708
			.00006	.00003	.000000	.000006
JAN	2	51911.5	-.07204	.40072	.000000	.000814
			.00003	.00003	.000000	.000005
JAN	3	51912.5	-.07119	.40268	.000000	.000893
			.00005	.00003	.000000	.000009
JAN	4	51913.5	-.07082	.40441	.000000	.000924
			.00003	.00004	.000000	.000005
JAN	5	51914.5	-.07048	.40590	.000000	.000859
			.00005	.00003	.000000	.000010
JAN	6	51915.5	-.07017	.40729	.000000	.000740
			.00006	.00007	.000000	.000016
JAN	7	51916.5	-.07011	.40862	.000000	.000562
			.00004	.00005	.000000	.000011
JAN	8	51917.5	-.07015	.40997	.000000	.000458
			.00005	.00003	.000000	.000012
JAN	9	51918.5	-.07001	.41140	.000000	.000432
			.00005	.00005	.000000	.000021
JAN	10	51919.5	-.06959	.41302	.000000	.000414
			.00003	.00003	.000000	.000008
JAN	11	51920.5	-.06888	.41493	.000000	.000509
			.00003	.00005	.000000	.000012
JAN	12	51921.5	-.06795	.41703	.000000	.000679
			.00005	.00003	.000000	.000018
JAN	13	51922.5	-.06689	.41906	.000000	.000835
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JAN	14	51923.5	-.06584	.42101	.000000	.000939
			.00005	.00004	.000000	.000018
JAN	15	51924.5	-.06465	.42267	.000000	.000947
			.00006	.00003	.000000	.000017
JAN	16	51925.5	-.06328	.42418	.000000	.000875
			.00008	.00004	.000000	.000017
JAN	17	51926.5	-.06202	.42557	.000000	.000685
			.00005	.00004	.000000	.000004
JAN	18	51927.5	-.06085	.42701	.000000	.000496
			.00003	.00006	.000000	.000008
JAN	19	51928.5	-.05972	.42850	.000000	.000352
			.00004	.00003	.000000	.000011
JAN	20	51929.5	-.05865	.42973	.000000	.000182
			.00003	.00004	.000000	.000006
JAN	21	51930.5	-.05742	.43064	.000000	.000018
			.00003	.00005	.000000	.000011
JAN	22	51931.5	-.05602	.43167	.000000	-.000057
			.00003	.00006	.000000	.000012
JAN	23	51932.5	-.05466	.43324	.000000	-.000066
			.00004	.00004	.000000	.000010
JAN	24	51933.5	-.05309	.43501	.000000	.000001
			.00005	.00003	.000000	.000012
JAN	25	51934.5	-.05130	.43688	.000000	.000124

			.00004	.00003	.000000	.000008
JAN	26	51935.5	-.04973	.43876	.000000	.000238
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JAN	27	51936.5	-.04826	.44051	.000000	.000378
			.00004	.00005	.000000	.000009
JAN	28	51937.5	-.04652	.44236	.000000	.000523
			.00004	.00004	.000000	.000006
JAN	29	51938.5	-.04458	.44404	.000000	.000605
			.00003	.00004	.000000	.000011
JAN	30	51939.5	-.04279	.44548	.000000	.000588
			.00005	.00005	.000000	.000008
JAN	31	51940.5	-.04129	.44665	.000000	.000509
			.00005	.00009	.000000	.000012
FEB	1	51941.5	-.03979	.44750	.000000	.000434
			.00005	.00003	.000000	.000017
FEB	2	51942.5	-.03834	.44828	.000000	.000297
			.00003	.00005	.000000	.000017
FEB	3	51943.5	-.03691	.44903	.000000	.000139
			.00004	.00003	.000000	.000009
FEB	4	51944.5	-.03501	.44984	.000000	.000013
			.00005	.00005	.000000	.000020
FEB	5	51945.5	-.03300	.45095	.000000	-.000022
			.00005	.00003	.000000	.000053
FEB	6	51946.5	-.03112	.45230	.000000	.000107
			.00003	.00004	.000000	.000019
FEB	7	51947.5	-.02931	.45375	.000000	.000340
			.00003	.00003	.000000	.000011
FEB	8	51948.5	-.02742	.45537	.000000	.000612
			.00003	.00007	.000000	.000009
FEB	9	51949.5	-.02555	.45684	.000000	.000878
			.00003	.00011	.000000	.000005
FEB	10	51950.5	-.02392	.45830	.000000	.001046
			.00007	.00007	.000000	.000006
FEB	11	51951.5	-.02284	.45940	.000000	.001127
			.00006	.00010	.000000	.000012
FEB	12	51952.5	-.02159	.46021	.000000	.001158
			.00007	.00010	.000000	.000010
FEB	13	51953.5	-.02000	.46131	.000000	.001105
			.00005	.00005	.000000	.000008
FEB	14	51954.5	-.01838	.46255	.000000	.000968
			.00008	.00003	.000000	.000009
FEB	15	51955.5	-.01671	.46392	.000000	.000828
			.00005	.00003	.000000	.000015
FEB	16	51956.5	-.01493	.46523	.000000	.000696
			.00004	.00004	.000000	.000020
FEB	17	51957.5	-.01311	.46647	.000000	.000604
			.00003	.00003	.000000	.000019
FEB	18	51958.5	-.01134	.46767	.000000	.000584
			.00007	.00003	.000000	.000009
FEB	19	51959.5	-.00942	.46874	.000000	.000606
			.00006	.00007	.000000	.000011
FEB	20	51960.5	-.00694	.47003	.000000	.000650
			.00007	.00006	.000000	.000009

FEB	21	51961.5	-.00399	.47140	.000000	.000690
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FEB	22	51962.5	-.00064	.47298	.000000	.000793
			.00003	.00004	.000000	.000014
FEB	23	51963.5	.00263	.47487	.000000	.000944
			.00004	.00004	.000000	.000015
FEB	24	51964.5	.00549	.47663	.000000	.001111
			.00006	.00003	.000000	.000014
FEB	25	51965.5	.00816	.47807	.000000	.001285
			.00004	.00006	.000000	.000018
FEB	26	51966.5	.01072	.47935	.000000	.001429
			.00008	.00005	.000000	.000006
FEB	27	51967.5	.01325	.48052	.000000	.001478
			.00003	.00004	.000000	.000011
FEB	28	51968.5	.01540	.48159	.000000	.001445
			.00008	.00003	.000000	.000009
MAR	1	51969.5	.01679	.48240	.000000	.001315
			.00007	.00004	.000000	.000016
MAR	2	51970.5	.01790	.48289	.000000	.001169
			.00005	.00009	.000000	.000020
MAR	3	51971.5	.01939	.48346	.000000	.001047
			.00006	.00005	.000000	.000021
MAR	4	51972.5	.02156	.48416	.000000	.000961
			.00008	.00005	.000000	.000012
MAR	5	51973.5	.02367	.48495	.000000	.000925
			.00008	.00008	.000000	.000021
MAR	6	51974.5	.02548	.48535	.000000	.001020
			.00003	.00006	.000000	.000015
MAR	7	51975.5	.02757	.48543	.000000	.001216
			.00007	.00006	.000000	.000012
MAR	8	51976.5	.02991	.48546	.000000	.001424
			.00005	.00006	.000000	.000021
MAR	9	51977.5	.03229	.48535	.000000	.001596
			.00004	.00004	.000000	.000033
MAR	10	51978.5	.03450	.48537	.000000	.001650
			.00005	.00003	.000000	.000019
MAR	11	51979.5	.03680	.48549	.000000	.001611
			.00008	.00008	.000000	.000012
MAR	12	51980.5	.03944	.48561	.000000	.001446
			.00005	.00009	.000000	.000019
MAR	13	51981.5	.04247	.48585	.000000	.001233
			.00004	.00007	.000000	.000015
MAR	14	51982.5	.04522	.48624	.000000	.000960
			.00003	.00003	.000000	.000017
MAR	15	51983.5	.04762	.48650	.000000	.000715
			.00004	.00008	.000000	.000014
MAR	16	51984.5	.04985	.48684	.000000	.000576
			.00003	.00003	.000000	.000013
MAR	17	51985.5	.05229	.48729	.000000	.000483
			.00003	.00005	.000000	.000018
MAR	18	51986.5	.05496	.48757	.000000	.000425
			.00004	.00006	.000000	.000011
MAR	19	51987.5	.05776	.48811	.000000	.000429

			.00003	.00003	.000000	.000007
MAR	20	51988.5	.06044	.48874	.000000	.000498
			.00003	.00004	.000000	.000004
MAR	21	51989.5	.06315	.48904	.000000	.000594
			.00003	.00003	.000000	.000004
MAR	22	51990.5	.06594	.48931	.000000	.000700
			.00003	.00003	.000000	.000003
MAR	23	51991.5	.06879	.48980	.000000	.000804
			.00007	.00005	.000000	.000007
MAR	24	51992.5	.07183	.49028	.000000	.000905
			.00006	.00004	.000000	.000016
MAR	25	51993.5	.07493	.49071	.000000	.001043
			.00005	.00004	.000000	.000014
MAR	26	51994.5	.07789	.49099	.000000	.001126
			.00007	.00004	.000000	.000014
MAR	27	51995.5	.08059	.49114	.000000	.001097
			.00006	.00005	.000000	.000010
MAR	28	51996.5	.08298	.49114	.000000	.001010
			.00007	.00006	.000000	.000010
MAR	29	51997.5	.08529	.49100	.000000	.000907
			.00006	.00004	.000000	.000019
MAR	30	51998.5	.08753	.49060	.000000	.000785
			.00009	.00007	.000000	.000009
MAR	31	51999.5	.08968	.49007	.000000	.000687
			.00005	.00006	.000000	.000017
APR	1	52000.5	.09174	.48945	.000000	.000667
			.00003	.00006	.000000	.000013
APR	2	52001.5	.09382	.48899	.000000	.000704
			.00003	.00007	.000000	.000009
APR	3	52002.5	.09592	.48860	.000000	.000844
			.00003	.00006	.000000	.000007
APR	4	52003.5	.09808	.48776	.000000	.001056
			.00003	.00004	.000000	.000009
APR	5	52004.5	.10042	.48696	.000000	.001267
			.00006	.00006	.000000	.000012
APR	6	52005.5	.10305	.48657	.000000	.001440
			.00004	.00008	.000000	.000008
APR	7	52006.5	.10560	.48637	.000000	.001540
			.00007	.00004	.000000	.000017
APR	8	52007.5	.10763	.48602	.000000	.001407
			.00005	.00003	.000000	.000014
APR	9	52008.5	.10943	.48524	.000000	.001192
			.00004	.00004	.000000	.000013
APR	10	52009.5	.11172	.48426	.000000	.000956
			.00010	.00006	.000000	.000012
APR	11	52010.5	.11449	.48348	.000000	.000722
			.00005	.00007	.000000	.000004
APR	12	52011.5	.11736	.48302	.000000	.000525
			.00006	.00006	.000000	.000008
APR	13	52012.5	.11982	.48243	.000000	.000361
			.00003	.00008	.000000	.000012
APR	14	52013.5	.12237	.48153	.000000	.000297
			.00005	.00007	.000000	.000007

APR	15	52014.5	.12517	.48068	.000000	.000328
			.00006	.00007	.000000	.000007
APR	16	52015.5	.12813	.47975	.000000	.000446
			.00009	.00010	.000000	.000007
APR	17	52016.5	.13135	.47889	.000000	.000624
			.00006	.00010	.000000	.000012
APR	18	52017.5	.13469	.47831	.000000	.000797
			.00006	.00007	.000000	.000007
APR	19	52018.5	.13795	.47786	.000000	.000916
			.00006	.00005	.000000	.000020
APR	20	52019.5	.14098	.47728	.000000	.000984
			.00005	.00007	.000000	.000010
APR	21	52020.5	.14368	.47648	.000000	.001024
			.00006	.00009	.000000	.000012
APR	22	52021.5	.14624	.47569	.000000	.000999
			.00006	.00012	.000000	.000022
APR	23	52022.5	.14845	.47501	.000000	.000898
			.00008	.00008	.000000	.000015
APR	24	52023.5	.15025	.47420	.000000	.000840
			.00007	.00004	.000000	.000012
APR	25	52024.5	.15232	.47299	.000000	.000783
			.00007	.00006	.000000	.000008
APR	26	52025.5	.15468	.47167	.000000	.000686
			.00004	.00007	.000000	.000015
APR	27	52026.5	.15687	.47025	.000000	.000568
			.00004	.00004	.000000	.000010
APR	28	52027.5	.15878	.46876	.000000	.000532
			.00005	.00003	.000000	.000006
APR	29	52028.5	.16058	.46710	.000000	.000650
			.00009	.00008	.000000	.000025
APR	30	52029.5	.16243	.46523	.000000	.000863
			.00008	.00004	.000000	.000017
MAY	1	52030.5	.16427	.46336	.000000	.001042
			.00007	.00003	.000000	.000015
MAY	2	52031.5	.16616	.46176	.000000	.001235
			.00008	.00006	.000000	.000015
MAY	3	52032.5	.16835	.46064	.000000	.001427
			.00004	.00004	.000000	.000009
MAY	4	52033.5	.17067	.45936	.000000	.001562
			.00003	.00005	.000000	.000020
MAY	5	52034.5	.17277	.45754	.000000	.001551
			.00005	.00007	.000000	.000022
MAY	6	52035.5	.17470	.45552	.000000	.001392
			.00003	.00003	.000000	.000007
MAY	7	52036.5	.17708	.45335	.000000	.001191
			.00003	.00006	.000000	.000012
MAY	8	52037.5	.17986	.45112	.000000	.000989
			.00003	.00003	.000000	.000011
MAY	9	52038.5	.18259	.44896	.000000	.000795
			.00004	.00005	.000000	.000013
MAY	10	52039.5	.18524	.44681	.000000	.000647
			.00003	.00003	.000000	.000009
MAY	11	52040.5	.18792	.44487	.000000	.000591

			.00005	.00005	.000000	.000020
MAY	12	52041.5	.19037	.44330	.000000	.000576
			.00005	.00003	.000000	.000009
MAY	13	52042.5	.19240	.44169	.000000	.000634
			.00007	.00003	.000000	.000003
MAY	14	52043.5	.19418	.43971	.000000	.000754
			.00010	.00005	.000000	.000016
MAY	15	52044.5	.19594	.43748	.000000	.000879
			.00005	.00003	.000000	.000017
MAY	16	52045.5	.19775	.43497	.000000	.000980
			.00003	.00005	.000000	.000006
MAY	17	52046.5	.19970	.43218	.000000	.001084
			.00006	.00003	.000000	.000003
MAY	18	52047.5	.20205	.42929	.000000	.001141
			.00003	.00003	.000000	.000006
MAY	19	52048.5	.20426	.42652	.000000	.001153
			.00007	.00004	.000000	.000017
MAY	20	52049.5	.20606	.42387	.000000	.001089
			.00003	.00007	.000000	.000010
MAY	21	52050.5	.20793	.42139	.000000	.000970
			.00004	.00006	.000000	.000011
MAY	22	52051.5	.20976	.41915	.000000	.000774
			.00004	.00004	.000000	.000016
MAY	23	52052.5	.21132	.41684	.000000	.000555
			.00005	.00004	.000000	.000013
MAY	24	52053.5	.21270	.41438	.000000	.000375
			.00003	.00005	.000000	.000016
MAY	25	52054.5	.21404	.41176	.000000	.000226
			.00004	.00008	.000000	.000009
MAY	26	52055.5	.21529	.40886	.000000	.000169
			.00007	.00003	.000000	.000006
MAY	27	52056.5	.21663	.40588	.000000	.000225
			.00006	.00006	.000000	.000009
MAY	28	52057.5	.21818	.40312	.000000	.000375
			.00003	.00003	.000000	.000003
MAY	29	52058.5	.21998	.40049	.000000	.000511
			.00003	.00003	.000000	.000006
MAY	30	52059.5	.22197	.39794	.000000	.000610
			.00008	.00005	.000000	.000009
MAY	31	52060.5	.22373	.39536	.000000	.000636
			.00003	.00003	.000000	.000010
JUN	1	52061.5	.22515	.39270	.000000	.000615
			.00004	.00003	.000000	.000009
JUN	2	52062.5	.22654	.38991	.000000	.000513
			.00004	.00004	.000000	.000010
JUN	3	52063.5	.22799	.38702	.000000	.000305
			.00006	.00003	.000000	.000011
JUN	4	52064.5	.22961	.38403	.000000	.000082
			.00005	.00005	.000000	.000006
JUN	5	52065.5	.23152	.38120	.000000	-.000126
			.00005	.00006	.000000	.000015
JUN	6	52066.5	.23348	.37859	.000000	-.000328
			.00004	.00007	.000000	.000007

JUN	7	52067.5	.23551	.37598	.000000	-.000454
			.00003	.00007	.000000	.000010
JUN	8	52068.5	.23731	.37360	.000000	-.000498
			.00005	.00007	.000000	.000007
JUN	9	52069.5	.23862	.37128	.000000	-.000440
			.00007	.00006	.000000	.000007
JUN	10	52070.5	.23968	.36879	.000000	-.000306
			.00003	.00003	.000000	.000017
JUN	11	52071.5	.24062	.36605	.000000	-.000150
			.00003	.00008	.000000	.000015
JUN	12	52072.5	.24151	.36316	.000000	-.000029
			.00008	.00004	.000000	.000022
JUN	13	52073.5	.24259	.36005	.000000	.000073
			.00003	.00004	.000000	.000012
JUN	14	52074.5	.24404	.35688	.000000	.000131
			.00005	.00007	.000000	.000017
JUN	15	52075.5	.24561	.35376	.000000	.000172
			.00003	.00009	.000000	.000013
JUN	16	52076.5	.24687	.35092	.000000	.000208
			.00006	.00009	.000000	.000020
JUN	17	52077.5	.24783	.34808	.000000	.000208
			.00004	.00005	.000000	.000021
JUN	18	52078.5	.24844	.34502	.000000	.000142
			.00004	.00012	.000000	.000018
JUN	19	52079.5	.24847	.34215	.000000	.000024
			.00004	.00009	.000000	.000017
JUN	20	52080.5	.24830	.33920	.000000	-.000102
			.00007	.00011	.000000	.000013
JUN	21	52081.5	.24839	.33634	.000000	-.000133
			.00006	.00003	.000000	.000017
JUN	22	52082.5	.24858	.33339	.000000	-.000158
			.00006	.00006	.000000	.000008
JUN	23	52083.5	.24889	.33030	.000000	-.000135
			.00003	.00009	.000000	.000006
JUN	24	52084.5	.24920	.32727	.000000	-.000009
			.00009	.00007	.000000	.000006
JUN	25	52085.5	.24998	.32413	.000000	.000213
			.00006	.00008	.000000	.000017
JUN	26	52086.5	.25088	.32110	.000000	.000449
			.00006	.00007	.000000	.000018
JUN	27	52087.5	.25166	.31829	.000000	.000590
			.00008	.00005	.000000	.000014
JUN	28	52088.5	.25221	.31545	.000000	.000593
			.00004	.00004	.000000	.000011
JUN	29	52089.5	.25268	.31232	.000000	.000502
			.00004	.00006	.000000	.000004
JUN	30	52090.5	.25345	.30913	.000000	.000323
			.00004	.00009	.000000	.000006
JUL	1	52091.5	.25398	.30604	.000000	.000134
			.00009	.00011	.000000	.000019
JUL	2	52092.5	.25390	.30277	.000000	-.000033
			.00004	.00009	.000000	.000006
JUL	3	52093.5	.25402	.29964	.000000	-.000179

			.00006	.00008	.000000	.000006
JUL	4	52094.5	.25432	.29681	.000000	-.000287
			.00005	.00007	.000000	.000008
JUL	5	52095.5	.25413	.29417	.000000	-.000313
			.00004	.00009	.000000	.000005
JUL	6	52096.5	.25374	.29140	.000000	-.000296
			.00004	.00009	.000000	.000006
JUL	7	52097.5	.25323	.28872	.000000	-.000250
			.00005	.00003	.000000	.000012
JUL	8	52098.5	.25217	.28579	.000000	-.000148
			.00009	.00005	.000000	.000014
JUL	9	52099.5	.25165	.28246	.000000	-.000061
			.00004	.00003	.000000	.000008
JUL	10	52100.5	.25189	.27918	.000000	.000005
			.00009	.00003	.000000	.000012
JUL	11	52101.5	.25179	.27618	.000000	.000043
			.00004	.00003	.000000	.000011
JUL	12	52102.5	.25125	.27320	.000000	.000105
			.00007	.00003	.000000	.000011
JUL	13	52103.5	.25071	.27025	.000000	.000140
			.00006	.00003	.000000	.000006
JUL	14	52104.5	.24996	.26731	.000000	.000108
			.00004	.00006	.000000	.000012
JUL	15	52105.5	.24900	.26403	.000000	.000044
			.00003	.00003	.000000	.000006
JUL	16	52106.5	.24821	.26066	.000000	-.000081
			.00004	.00006	.000000	.000005
JUL	17	52107.5	.24800	.25745	.000000	-.000219
			.00003	.00006	.000000	.000019
JUL	18	52108.5	.24800	.25431	.000000	-.000374
			.00005	.00006	.000000	.000014
JUL	19	52109.5	.24782	.25121	.000000	-.000478
			.00006	.00007	.000000	.000012
JUL	20	52110.5	.24742	.24809	.000000	-.000498
			.00003	.00003	.000000	.000013
JUL	21	52111.5	.24678	.24498	.000000	-.000397
			.00004	.00004	.000000	.000012
JUL	22	52112.5	.24584	.24202	.000000	-.000192
			.00003	.00003	.000000	.000007
JUL	23	52113.5	.24479	.23925	.000000	.000024
			.00003	.00003	.000000	.000009
JUL	24	52114.5	.24396	.23665	.000000	.000200
			.00003	.00004	.000000	.000010
JUL	25	52115.5	.24333	.23402	.000000	.000223
			.00003	.00003	.000000	.000006
JUL	26	52116.5	.24260	.23125	.000000	.000172
			.00003	.00003	.000000	.000015
JUL	27	52117.5	.24140	.22834	.000000	.000030
			.00003	.00007	.000000	.000019
JUL	28	52118.5	.23987	.22533	.000000	-.000157
			.00003	.00005	.000000	.000019
JUL	29	52119.5	.23818	.22226	.000000	-.000373
			.00008	.00008	.000000	.000015



JUL	30	52120.5	.23655	.21919	.000000	-.000568
			.00007	.00004	.000000	.000010
JUL	31	52121.5	.23530	.21666	.000000	-.000670
			.00004	.00003	.000000	.000016
AUG	1	52122.5	.23412	.21453	.000000	-.000708
			.00003	.00004	.000000	.000009
AUG	2	52123.5	.23225	.21250	.000000	-.000673
			.00003	.00007	.000000	.000013
AUG	3	52124.5	.22962	.21007	.000000	-.000573
			.00003	.00006	.000000	.000013
AUG	4	52125.5	.22697	.20713	.000000	-.000425
			.00006	.00004	.000000	.000008
AUG	5	52126.5	.22485	.20439	.000000	-.000269
			.00007	.00009	.000000	.000022
AUG	6	52127.5	.22288	.20198	.000000	-.000144
			.00007	.00006	.000000	.000024
AUG	7	52128.5	.22081	.19972	.000000	.000021
			.00006	.00006	.000000	.000019
AUG	8	52129.5	.21842	.19759	.000000	.000142
			.00007	.00005	.000000	.000017
AUG	9	52130.5	.21576	.19530	.000000	.000256
			.00006	.00004	.000000	.000020
AUG	10	52131.5	.21282	.19284	.000000	.000348
			.00004	.00007	.000000	.000023
AUG	11	52132.5	.20981	.19018	.000000	.000376
			.00005	.00003	.000000	.000016
AUG	12	52133.5	.20722	.18746	.000000	.000304
			.00004	.00006	.000000	.000014
AUG	13	52134.5	.20490	.18492	.000000	.000212
			.00004	.00005	.000000	.000020
AUG	14	52135.5	.20255	.18239	.000000	.000082
			.00008	.00007	.000000	.000012
AUG	15	52136.5	.19990	.18008	.000000	.000011
			.00005	.00004	.000000	.000015
AUG	16	52137.5	.19725	.17789	.000000	.000045
			.00004	.00003	.000000	.000018
AUG	17	52138.5	.19476	.17572	.000000	.000188
			.00007	.00003	.000000	.000020
AUG	18	52139.5	.19217	.17343	.000000	.000393
			.00007	.00005	.000000	.000022
AUG	19	52140.5	.18993	.17128	.000000	.000643
			.00005	.00006	.000000	.000030
AUG	20	52141.5	.18766	.16926	.000000	.000855
			.00004	.00006	.000000	.000020
AUG	21	52142.5	.18525	.16702	.000000	.000969
			.00006	.00005	.000000	.000014
AUG	22	52143.5	.18257	.16492	.000000	.000921
			.00005	.00006	.000000	.000014
AUG	23	52144.5	.17990	.16301	.000000	.000759
			.00005	.00003	.000000	.000021
AUG	24	52145.5	.17759	.16115	.000000	.000544
			.00004	.00003	.000000	.000008
AUG	25	52146.5	.17545	.15916	.000000	.000308

			.00006	.00003	.000000	.000016
AUG	26	52147.5	.17339	.15707	.000000	.000064
			.00006	.00005	.000000	.000030
AUG	27	52148.5	.17147	.15502	.000000	-.000098
			.00004	.00005	.000000	.000013
AUG	28	52149.5	.16951	.15317	.000000	-.000166
			.00004	.00010	.000000	.000026
AUG	29	52150.5	.16731	.15158	.000000	-.000236
			.00009	.00006	.000000	.000020
AUG	30	52151.5	.16474	.15047	.000000	-.000171
			.00007	.00005	.000000	.000012
AUG	31	52152.5	.16184	.14963	.000000	-.000058
			.00006	.00006	.000000	.000018
SEP	1	52153.5	.15869	.14851	.000000	.000057
			.00003	.00003	.000000	.000014
SEP	2	52154.5	.15550	.14704	.000000	.000213
			.00005	.00004	.000000	.000018
SEP	3	52155.5	.15238	.14550	.000000	.000365
			.00005	.00005	.000000	.000019
SEP	4	52156.5	.14922	.14389	.000000	.000463
			.00005	.00004	.000000	.000010
SEP	5	52157.5	.14600	.14178	.000000	.000538
			.00003	.00005	.000000	.000020
SEP	6	52158.5	.14312	.13989	.000000	.000515
			.00005	.00006	.000000	.000010
SEP	7	52159.5	.14063	.13842	.000000	.000381
			.00008	.00007	.000000	.000026
SEP	8	52160.5	.13838	.13721	.000000	.000254
			.00005	.00006	.000000	.000019
SEP	9	52161.5	.13605	.13621	.000000	.000141
			.00009	.00003	.000000	.000027
SEP	10	52162.5	.13347	.13500	.000000	.000029
			.00004	.00003	.000000	.000012
SEP	11	52163.5	.13050	.13385	.000000	-.000083
			.00007	.00003	.000000	.000010
SEP	12	52164.5	.12731	.13267	.000000	-.000096
			.00005	.00003	.000000	.000015
SEP	13	52165.5	.12415	.13155	.000000	-.000016
			.00004	.00004	.000000	.000014
SEP	14	52166.5	.12069	.13043	.000000	.000161
			.00003	.00004	.000000	.000013
SEP	15	52167.5	.11701	.12948	.000000	.000454
			.00004	.00009	.000000	.000014
SEP	16	52168.5	.11339	.12861	.000000	.000756
			.00003	.00005	.000000	.000014
SEP	17	52169.5	.11002	.12775	.000000	.000965
			.00006	.00005	.000000	.000026
SEP	18	52170.5	.10648	.12694	.000000	.000955
			.00004	.00007	.000000	.000016
SEP	19	52171.5	.10294	.12620	.000000	.000899
			.00005	.00004	.000000	.000020
SEP	20	52172.5	.09955	.12571	.000000	.000732
			.00008	.00005	.000000	.000011

SEP	21	52173.5	.09617	.12515	.000000	.000551
			.00003	.00005	.000000	.000006
SEP	22	52174.5	.09297	.12459	.000000	.000354
			.00005	.00006	.000000	.000017
SEP	23	52175.5	.09000	.12376	.000000	.000191
			.00004	.00005	.000000	.000008
SEP	24	52176.5	.08708	.12264	.000000	.000093
			.00005	.00004	.000000	.000014
SEP	25	52177.5	.08396	.12144	.000000	.000073
			.00005	.00008	.000000	.000017
SEP	26	52178.5	.08066	.12034	.000000	.000102
			.00003	.00003	.000000	.000013
SEP	27	52179.5	.07717	.11940	.000000	.000190
			.00008	.00006	.000000	.000010
SEP	28	52180.5	.07354	.11875	.000000	.000312
			.00006	.00003	.000000	.000024
SEP	29	52181.5	.07020	.11831	.000000	.000489
			.00005	.00003	.000000	.000011
SEP	30	52182.5	.06708	.11796	.000000	.000603
			.00003	.00004	.000000	.000015
OCT	1	52183.5	.06358	.11770	.000000	.000743
			.00005	.00005	.000000	.000015
OCT	2	52184.5	.05973	.11761	.000000	.000837
			.00003	.00004	.000000	.000040
OCT	3	52185.5	.05625	.11740	.000000	.000881
			.00003	.00006	.000000	.000026
OCT	4	52186.5	.05344	.11733	.000000	.000894
			.00005	.00005	.000000	.000035
OCT	5	52187.5	.05054	.11756	.000000	.000832
			.00004	.00006	.000000	.000017
OCT	6	52188.5	.04749	.11776	.000000	.000699
			.00007	.00004	.000000	.000014
OCT	7	52189.5	.04452	.11777	.000000	.000561
			.00004	.00006	.000000	.000014
OCT	8	52190.5	.04148	.11777	.000000	.000487
			.00004	.00009	.000000	.000015
OCT	9	52191.5	.03806	.11771	.000000	.000503
			.00004	.00005	.000000	.000019
OCT	10	52192.5	.03409	.11745	.000000	.000559
			.00007	.00003	.000000	.000012
OCT	11	52193.5	.02972	.11721	.000000	.000687
			.00005	.00009	.000000	.000022
OCT	12	52194.5	.02524	.11743	.000000	.000883
			.00007	.00006	.000000	.000018
OCT	13	52195.5	.02118	.11763	.000000	.001180
			.00009	.00010	.000000	.000010
OCT	14	52196.5	.01761	.11796	.000000	.001416
			.00003	.00004	.000000	.000013
OCT	15	52197.5	.01432	.11857	.000000	.001569
			.00005	.00007	.000000	.000023
OCT	16	52198.5	.01127	.11916	.000000	.001599
			.00006	.00006	.000000	.000008
OCT	17	52199.5	.00823	.11966	.000000	.001477

			.00003	.00004	.000000	.000008
OCT	18	52200.5	.00495	.12019	.000000	.001238
			.00008	.00007	.000000	.000013
OCT	19	52201.5	.00122	.12076	.000000	.000918
			.00007	.00008	.000000	.000020
OCT	20	52202.5	-.00256	.12142	.000000	.000698
			.00008	.00007	.000000	.000003
OCT	21	52203.5	-.00658	.12228	.000000	.000580
			.00008	.00004	.000000	.000018
OCT	22	52204.5	-.01067	.12321	.000000	.000525
			.00007	.00004	.000000	.000014
OCT	23	52205.5	-.01465	.12414	.000000	.000527
			.00004	.00004	.000000	.000009
OCT	24	52206.5	-.01836	.12512	.000000	.000555
			.00005	.00005	.000000	.000015
OCT	25	52207.5	-.02189	.12623	.000000	.000661
			.00006	.00004	.000000	.000018
OCT	26	52208.5	-.02529	.12749	.000000	.000828
			.00004	.00003	.000000	.000013
OCT	27	52209.5	-.02877	.12862	.000000	.000975
			.00004	.00005	.000000	.000012
OCT	28	52210.5	-.03197	.12963	.000000	.001081
			.00005	.00003	.000000	.000007
OCT	29	52211.5	-.03494	.13081	.000000	.001098
			.00005	.00005	.000000	.000017
OCT	30	52212.5	-.03804	.13189	.000000	.001110
			.00003	.00007	.000000	.000016
OCT	31	52213.5	-.04131	.13307	.000000	.001086
			.00007	.00005	.000000	.000016
NOV	1	52214.5	-.04480	.13422	.000000	.000944
			.00003	.00007	.000000	.000004
NOV	2	52215.5	-.04855	.13530	.000000	.000763
			.00005	.00004	.000000	.000008
NOV	3	52216.5	-.05221	.13632	.000000	.000589
			.00014	.00005	.000000	.000024
NOV	4	52217.5	-.05553	.13734	.000000	.000534
			.00008	.00008	.000000	.000020
NOV	5	52218.5	-.05813	.13850	.000000	.000502
			.00011	.00006	.000000	.000014
NOV	6	52219.5	-.06046	.14012	.000000	.000487
			.00007	.00003	.000000	.000012
NOV	7	52220.5	-.06258	.14180	.000000	.000572
			.00013	.00008	.000000	.000036
NOV	8	52221.5	-.06440	.14383	.000000	.000815
			.00010	.00005	.000000	.000015
NOV	9	52222.5	-.06660	.14625	.000000	.001144
			.00010	.00006	.000000	.000013
NOV	10	52223.5	-.06887	.14870	.000000	.001394
			.00003	.00004	.000000	.000011
NOV	11	52224.5	-.07064	.15122	.000000	.001551
			.00005	.00004	.000000	.000018
NOV	12	52225.5	-.07239	.15385	.000000	.001607
			.00003	.00004	.000000	.000009

NOV	13	52226.5	-.07428	.15618	.000000	.001546
			.00005	.00005	.000000	.000016
NOV	14	52227.5	-.07659	.15819	.000000	.001327
			.00010	.00005	.000000	.000013
NOV	15	52228.5	-.07918	.15990	.000000	.001052
			.00011	.00003	.000000	.000020
NOV	16	52229.5	-.08161	.16165	.000000	.000827
			.00004	.00003	.000000	.000005
NOV	17	52230.5	-.08359	.16356	.000000	.000661
			.00005	.00004	.000000	.000009
NOV	18	52231.5	-.08555	.16541	.000000	.000588
			.00003	.00005	.000000	.000011
NOV	19	52232.5	-.08775	.16746	.000000	.000565
			.00004	.00007	.000000	.000005
NOV	20	52233.5	-.09027	.16954	.000000	.000567
			.00005	.00004	.000000	.000004
NOV	21	52234.5	-.09306	.17173	.000000	.000636
			.00008	.00007	.000000	.000009
NOV	22	52235.5	-.09593	.17425	.000000	.000749
			.00003	.00005	.000000	.000008
NOV	23	52236.5	-.09903	.17685	.000000	.000797
			.00006	.00007	.000000	.000012
NOV	24	52237.5	-.10223	.17928	.000000	.000870
			.00005	.00008	.000000	.000009
NOV	25	52238.5	-.10494	.18182	.000000	.000979
			.00004	.00009	.000000	.000010
NOV	26	52239.5	-.10711	.18434	.000000	.001002
			.00008	.00009	.000000	.000017
NOV	27	52240.5	-.10915	.18675	.000000	.000982
			.00006	.00007	.000000	.000023
NOV	28	52241.5	-.11138	.18914	.000000	.000894
			.00005	.00004	.000000	.000029
NOV	29	52242.5	-.11390	.19153	.000000	.000795
			.00006	.00005	.000000	.000008
NOV	30	52243.5	-.11688	.19417	.000000	.000636
			.00005	.00003	.000000	.000029
DEC	1	52244.5	-.12009	.19680	.000000	.000445
			.00003	.00007	.000000	.000020
DEC	2	52245.5	-.12318	.19911	.000000	.000315
			.00005	.00010	.000000	.000020
DEC	3	52246.5	-.12589	.20130	.000000	.000263
			.00003	.00005	.000000	.000016
DEC	4	52247.5	-.12834	.20380	.000000	.000294
			.00004	.00006	.000000	.000012
DEC	5	52248.5	-.13065	.20685	.000000	.000443
			.00005	.00008	.000000	.000016
DEC	6	52249.5	-.13314	.21015	.000000	.000669
			.00003	.00010	.000000	.000017
DEC	7	52250.5	-.13613	.21313	.000000	.000857
			.00003	.00013	.000000	.000024
DEC	8	52251.5	-.13948	.21565	.000000	.001054
			.00007	.00006	.000000	.000029
DEC	9	52252.5	-.14244	.21819	.000000	.001213

			.00007	.00003	.000000	.000016
DEC	10	52253.5	-.14526	.22111	.000000	.001205
			.00008	.00007	.000000	.000022
DEC	11	52254.5	-.14826	.22397	.000000	.001082
			.00003	.00010	.000000	.000008
DEC	12	52255.5	-.15130	.22660	.000000	.000897
			.00005	.00006	.000000	.000008
DEC	13	52256.5	-.15399	.22914	.000000	.000689
			.00005	.00004	.000000	.000008
DEC	14	52257.5	-.15651	.23181	.000000	.000471
			.00005	.00005	.000000	.000011
DEC	15	52258.5	-.15892	.23448	.000000	.000340
			.00008	.00007	.000000	.000010
DEC	16	52259.5	-.16102	.23715	.000000	.000312
			.00005	.00009	.000000	.000007
DEC	17	52260.5	-.16296	.24002	.000000	.000374
			.00006	.00008	.000000	.000010
DEC	18	52261.5	-.16491	.24315	.000000	.000470
			.00006	.00004	.000000	.000007
DEC	19	52262.5	-.16696	.24654	.000000	.000589
			.00007	.00004	.000000	.000018
DEC	20	52263.5	-.16861	.25000	.000000	.000782
			.00004	.00004	.000000	.000009
DEC	21	52264.5	-.16982	.25350	.000000	.001009
			.00005	.00004	.000000	.000019
DEC	22	52265.5	-.17087	.25712	.000000	.001117
			.00008	.00003	.000000	.000013
DEC	23	52266.5	-.17179	.26074	.000000	.001162
			.00006	.00003	.000000	.000015
DEC	24	52267.5	-.17232	.26447	.000000	.001174
			.00003	.00007	.000000	.000016
DEC	25	52268.5	-.17286	.26842	.000000	.001183
			.00003	.00004	.000000	.000009
DEC	26	52269.5	-.17323	.27257	.000000	.001136
			.00003	.00003	.000000	.000012
DEC	27	52270.5	-.17401	.27664	.000000	.001046
			.00004	.00004	.000000	.000007
DEC	28	52271.5	-.17497	.28039	.000000	.000905
			.00008	.00006	.000000	.000010
DEC	29	52272.5	-.17560	.28430	.000000	.000814
			.00003	.00005	.000000	.000009
DEC	30	52273.5	-.17632	.28839	.000000	.000753
			.00003	.00007	.000000	.000014
DEC	31	52274.5	-.17686	.29213	.000000	.000763
			.00006	.00007	.000000	.000015