

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

date		mjd	x	y	ut-utc	d
1997			"	"	s	s
JAN	1	50449.5	-.02495	.09544	-.112028	.002013
			.00003	.00010	.000030	.000010
JAN	2	50450.5	-.02861	.09605	-.114041	.002007
			.00010	.00007	.000021	.000014
JAN	3	50451.5	-.03198	.09713	-.116017	.001961
			.00012	.00014	.000017	.000016
JAN	4	50452.5	-.03506	.09847	-.117982	.001944
			.00013	.00010	.000020	.000007
JAN	5	50453.5	-.03839	.10020	-.119896	.001889
			.00007	.00010	.000027	.000019
JAN	6	50454.5	-.04211	.10180	-.121749	.001837
			.00006	.00005	.000022	.000019
JAN	7	50455.5	-.04581	.10292	-.123603	.001858
			.00006	.00007	.000016	.000012
JAN	8	50456.5	-.04889	.10389	-.125471	.001899
			.00008	.00010	.000017	.000010
JAN	9	50457.5	-.05169	.10511	-.127377	.001964
			.00003	.00004	.000017	.000014
JAN	10	50458.5	-.05449	.10637	-.129377	.002070
			.00009	.00009	.000011	.000009
JAN	11	50459.5	-.05748	.10753	-.131463	.002148
			.00003	.00006	.000025	.000007
JAN	12	50460.5	-.06047	.10873	-.133617	.002190
			.00007	.00020	.000029	.000024
JAN	13	50461.5	-.06300	.11010	-.135860	.002239
			.00003	.00014	.000017	.000016
JAN	14	50462.5	-.06501	.11159	-.138106	.002206
			.00018	.00014	.000013	.000006
JAN	15	50463.5	-.06702	.11335	-.140268	.002095
			.00009	.00017	.000023	.000011
JAN	16	50464.5	-.06898	.11542	-.142341	.001994
			.00003	.00012	.000024	.000020
JAN	17	50465.5	-.07100	.11755	-.144250	.001830
			.00016	.00004	.000026	.000013
JAN	18	50466.5	-.07295	.11947	-.145990	.001673
			.00008	.00007	.000026	.000022
JAN	19	50467.5	-.07526	.12147	-.147575	.001536
			.00012	.00008	.000030	.000014
JAN	20	50468.5	-.07814	.12365	-.149047	.001441
			.00008	.00004	.000030	.000026
JAN	21	50469.5	-.08107	.12560	-.150479	.001425
			.00004	.00005	.000033	.000014
JAN	22	50470.5	-.08385	.12748	-.151895	.001424
			.00008	.00007	.000034	.000030
JAN	23	50471.5	-.08639	.12928	-.153332	.001458
			.00005	.00008	.000026	.000016
JAN	24	50472.5	-.08905	.13118	-.154817	.001514
			.00003	.00008	.000024	.000020
JAN	25	50473.5	-.09203	.13304	-.156340	.001554

			.00007	.00017	.000027	.000014
JAN	26	50474.5	-.09531	.13464	-.157908	.001596
			.00014	.00022	.000027	.000023
JAN	27	50475.5	-.09827	.13652	-.159557	.001671
			.00009	.00017	.000026	.000015
JAN	28	50476.5	-.10125	.13848	-.161240	.001694
			.00004	.00010	.000024	.000021
JAN	29	50477.5	-.10431	.14043	-.162871	.001630
			.00009	.00008	.000018	.000011
JAN	30	50478.5	-.10701	.14223	-.164434	.001548
			.00010	.00016	.000023	.000014
JAN	31	50479.5	-.10972	.14451	-.165947	.001493
			.00004	.00009	.000019	.000018
FEB	1	50480.5	-.11279	.14662	-.167352	.001382
			.00006	.00005	.000011	.000007
FEB	2	50481.5	-.11576	.14888	-.168660	.001291
			.00006	.00006	.000014	.000009
FEB	3	50482.5	-.11850	.15086	-.169932	.001270
			.00003	.00013	.000029	.000011
FEB	4	50483.5	-.12114	.15333	-.171204	.001299
			.00005	.00011	.000034	.000027
FEB	5	50484.5	-.12362	.15578	-.172596	.001449
			.00005	.00003	.000022	.000021
FEB	6	50485.5	-.12581	.15817	-.174146	.001635
			.00007	.00009	.000019	.000007
FEB	7	50486.5	-.12752	.16032	-.175856	.001804
			.00009	.00010	.000026	.000018
FEB	8	50487.5	-.12930	.16292	-.177758	.001978
			.00006	.00004	.000034	.000019
FEB	9	50488.5	-.13132	.16571	-.179744	.002029
			.00012	.00008	.000037	.000028
FEB	10	50489.5	-.13317	.16857	-.181814	.002067
			.00005	.00004	.000032	.000024
FEB	11	50490.5	-.13513	.17153	-.183934	.002079
			.00007	.00013	.000025	.000021
FEB	12	50491.5	-.13731	.17419	-.185967	.001969
			.00008	.00012	.000026	.000013
FEB	13	50492.5	-.13941	.17677	-.187816	.001781
			.00012	.00008	.000030	.000022
FEB	14	50493.5	-.14139	.17958	-.189548	.001674
			.00007	.00007	.000035	.000020
FEB	15	50494.5	-.14359	.18263	-.191192	.001604
			.00008	.00011	.000031	.000029
FEB	16	50495.5	-.14603	.18520	-.192750	.001538
			.00004	.00013	.000018	.000012
FEB	17	50496.5	-.14877	.18770	-.194262	.001513
			.00010	.00005	.000021	.000013
FEB	18	50497.5	-.15143	.19012	-.195794	.001553
			.00012	.00007	.000017	.000016
FEB	19	50498.5	-.15383	.19234	-.197345	.001585
			.00014	.00009	.000030	.000006
FEB	20	50499.5	-.15615	.19452	-.198970	.001668
			.00006	.00011	.000035	.000029

FEB	21	50500.5	-.15797	.19690	-.200678	.001755
			.00011	.00010	.000023	.000020
FEB	22	50501.5	-.15976	.19956	-.202505	.001871
			.00011	.00016	.000019	.000011
FEB	23	50502.5	-.16119	.20232	-.204442	.001977
			.00007	.00010	.000019	.000016
FEB	24	50503.5	-.16247	.20526	-.206453	.002038
			.00011	.00006	.000016	.000010
FEB	25	50504.5	-.16409	.20860	-.208452	.002013
			.00010	.00013	.000020	.000012
FEB	26	50505.5	-.16645	.21190	-.210442	.001990
			.00008	.00011	.000017	.000016
FEB	27	50506.5	-.16905	.21534	-.212460	.002006
			.00005	.00014	.000015	.000006
FEB	28	50507.5	-.17130	.21856	-.214527	.002047
			.00008	.00005	.000021	.000014
MAR	1	50508.5	-.17312	.22157	-.216576	.002030
			.00011	.00011	.000039	.000016
MAR	2	50509.5	-.17466	.22487	-.218597	.002013
			.00009	.00006	.000058	.000036
MAR	3	50510.5	-.17548	.22813	-.220640	.002053
			.00011	.00012	.000051	.000046
MAR	4	50511.5	-.17610	.23146	-.222671	.002067
			.00015	.00014	.000033	.000021
MAR	5	50512.5	-.17681	.23475	-.224823	.002217
			.00010	.00006	.000032	.000026
MAR	6	50513.5	-.17770	.23803	-.227143	.002406
			.00010	.00004	.000040	.000018
MAR	7	50514.5	-.17924	.24125	-.229654	.002597
			.00009	.00016	.000040	.000036
MAR	8	50515.5	-.18124	.24439	-.232388	.002799
			.00004	.00009	.000036	.000018
MAR	9	50516.5	-.18316	.24746	-.235236	.002871
			.00005	.00013	.000032	.000031
MAR	10	50517.5	-.18507	.25043	-.238111	.002854
			.00008	.00011	.000018	.000006
MAR	11	50518.5	-.18630	.25356	-.240911	.002746
			.00004	.00011	.000018	.000017
MAR	12	50519.5	-.18673	.25686	-.243591	.002611
			.00009	.00007	.000010	.000006
MAR	13	50520.5	-.18660	.26031	-.246112	.002457
			.00007	.00007	.000021	.000008
MAR	14	50521.5	-.18638	.26388	-.248547	.002391
			.00005	.00005	.000022	.000019
MAR	15	50522.5	-.18648	.26801	-.250928	.002357
			.00014	.00011	.000022	.000012
MAR	16	50523.5	-.18717	.27225	-.253282	.002354
			.00006	.00006	.000023	.000018
MAR	17	50524.5	-.18816	.27615	-.255622	.002358
			.00013	.00008	.000017	.000015
MAR	18	50525.5	-.18871	.27962	-.257992	.002404
			.00007	.00011	.000017	.000009
MAR	19	50526.5	-.18891	.28321	-.260383	.002436

			.00004	.00011	.000019	.000014
MAR	20	50527.5	-.18919	.28688	-.262807	.002471
			.00003	.00008	.000036	.000013
MAR	21	50528.5	-.18951	.29057	-.265271	.002509
			.00007	.00004	.000042	.000034
MAR	22	50529.5	-.18970	.29431	-.267779	.002546
			.00010	.00003	.000026	.000024
MAR	23	50530.5	-.18971	.29796	-.270340	.002586
			.00007	.00004	.000015	.000010
MAR	24	50531.5	-.18960	.30171	-.272922	.002594
			.00006	.00009	.000014	.000011
MAR	25	50532.5	-.18947	.30570	-.275488	.002565
			.00004	.00009	.000022	.000008
MAR	26	50533.5	-.18987	.30971	-.278038	.002532
			.00005	.00012	.000031	.000020
MAR	27	50534.5	-.19035	.31359	-.280523	.002458
			.00009	.00013	.000037	.000024
MAR	28	50535.5	-.19060	.31728	-.282989	.002438
			.00005	.00016	.000032	.000028
MAR	29	50536.5	-.19090	.32131	-.285423	.002412
			.00007	.00007	.000023	.000015
MAR	30	50537.5	-.19116	.32477	-.287816	.002389
			.00006	.00008	.000024	.000017
MAR	31	50538.5	-.19127	.32770	-.290217	.002420
			.00006	.00012	.000023	.000017
APR	1	50539.5	-.19086	.33132	-.292674	.002502
			.00015	.00014	.000024	.000015
APR	2	50540.5	-.18997	.33508	-.295229	.002621
			.00016	.00017	.000036	.000019
APR	3	50541.5	-.18892	.33892	-.297860	.002706
			.00016	.00024	.000040	.000030
APR	4	50542.5	-.18773	.34270	-.300687	.002891
			.00007	.00014	.000032	.000026
APR	5	50543.5	-.18680	.34603	-.303624	.002970
			.00017	.00047	.000024	.000019
APR	6	50544.5	-.18595	.34993	-.306558	.002920
			.00005	.00009	.000025	.000014
APR	7	50545.5	-.18526	.35340	-.309446	.002831
			.00012	.00011	.000023	.000021
APR	8	50546.5	-.18417	.35676	-.312262	.002730
			.00004	.00013	.000035	.000010
APR	9	50547.5	-.18306	.36020	-.314926	.002569
			.00012	.00005	.000037	.000034
APR	10	50548.5	-.18208	.36399	-.317420	.002409
			.00022	.00021	.000018	.000014
APR	11	50549.5	-.18072	.36776	-.319785	.002302
			.00015	.00005	.000022	.000012
APR	12	50550.5	-.17964	.37170	-.322044	.002221
			.00024	.00017	.000021	.000018
APR	13	50551.5	-.17936	.37564	-.324242	.002185
			.00010	.00010	.000023	.000010
APR	14	50552.5	-.17917	.37927	-.326415	.002179
			.00005	.00008	.000022	.000021

APR	15	50553.5	-.17874	.38264	-.328588	.002193
			.00009	.00005	.000035	.000006
APR	16	50554.5	-.17812	.38573	-.330837	.002278
			.00009	.00008	.000039	.000034
APR	17	50555.5	-.17744	.38876	-.333147	.002339
			.00011	.00006	.000022	.000019
APR	18	50556.5	-.17643	.39189	-.335484	.002362
			.00008	.00003	.000016	.000011
APR	19	50557.5	-.17530	.39530	-.337810	.002342
			.00004	.00011	.000018	.000011
APR	20	50558.5	-.17440	.39869	-.340173	.002365
			.00011	.00005	.000021	.000014
APR	21	50559.5	-.17362	.40223	-.342538	.002353
			.00009	.00004	.000021	.000015
APR	22	50560.5	-.17303	.40586	-.344812	.002246
			.00011	.00012	.000034	.000014
APR	23	50561.5	-.17237	.40928	-.346999	.002148
			.00014	.00014	.000034	.000031
APR	24	50562.5	-.17135	.41251	-.349123	.002080
			.00012	.00006	.000021	.000014
APR	25	50563.5	-.16978	.41563	-.351198	.002037
			.00010	.00010	.000019	.000016
APR	26	50564.5	-.16791	.41892	-.353198	.001978
			.00009	.00004	.000028	.000011
APR	27	50565.5	-.16625	.42212	-.355163	.001968
			.00005	.00007	.000032	.000026
APR	28	50566.5	-.16495	.42517	-.357114	.001983
			.00008	.00004	.000023	.000018
APR	29	50567.5	-.16402	.42786	-.359102	.002045
			.00006	.00007	.000023	.000015
APR	30	50568.5	-.16302	.43035	-.361179	.002148
			.00009	.00012	.000022	.000018
MAY	1	50569.5	-.16182	.43274	-.363380	.002273
			.00015	.00013	.000019	.000013
MAY	2	50570.5	-.16001	.43531	-.365692	.002367
			.00018	.00018	.000028	.000014
MAY	3	50571.5	-.15783	.43818	-.368162	.002493
			.00009	.00010	.000026	.000024
MAY	4	50572.5	-.15511	.44130	-.370684	.002504
			.00006	.00010	.000011	.000010
MAY	5	50573.5	-.15218	.44464	-.373196	.002457
			.00005	.00012	.000020	.000005
MAY	6	50574.5	-.14944	.44797	-.375648	.002374
			.00007	.00014	.000028	.000019
MAY	7	50575.5	-.14685	.45100	-.377984	.002256
			.00010	.00008	.000021	.000020
MAY	8	50576.5	-.14401	.45386	-.380184	.002131
			.00009	.00012	.000023	.000007
MAY	9	50577.5	-.14095	.45668	-.382298	.002067
			.00005	.00004	.000029	.000022
MAY	10	50578.5	-.13783	.45979	-.384323	.002001
			.00008	.00017	.000021	.000019
MAY	11	50579.5	-.13497	.46274	-.386288	.001961

			.00014	.00009	.000024	.000010
MAY	12	50580.5	-.13261	.46555	-.388235	.001959
			.00004	.00008	.000030	.000022
MAY	13	50581.5	-.13059	.46806	-.390159	.001947
			.00010	.00010	.000025	.000020
MAY	14	50582.5	-.12858	.47043	-.392101	.001973
			.00008	.00012	.000024	.000015
MAY	15	50583.5	-.12644	.47262	-.394068	.002000
			.00005	.00008	.000025	.000019
MAY	16	50584.5	-.12382	.47478	-.396061	.002025
			.00008	.00009	.000031	.000017
MAY	17	50585.5	-.12099	.47691	-.398094	.002058
			.00009	.00009	.000033	.000026
MAY	18	50586.5	-.11800	.47926	-.400169	.002094
			.00006	.00008	.000043	.000020
MAY	19	50587.5	-.11503	.48186	-.402285	.002126
			.00004	.00018	.000043	.000038
MAY	20	50588.5	-.11218	.48449	-.404391	.002110
			.00008	.00011	.000029	.000020
MAY	21	50589.5	-.10952	.48723	-.406452	.002058
			.00010	.00007	.000028	.000021
MAY	22	50590.5	-.10712	.48969	-.408469	.002016
			.00014	.00007	.000022	.000018
MAY	23	50591.5	-.10483	.49183	-.410453	.001992
			.00012	.00012	.000017	.000013
MAY	24	50592.5	-.10253	.49418	-.412412	.001987
			.00009	.00014	.000014	.000011
MAY	25	50593.5	-.10033	.49655	-.414401	.002040
			.00012	.00014	.000017	.000009
MAY	26	50594.5	-.09802	.49861	-.416424	.002092
			.00020	.00014	.000021	.000015
MAY	27	50595.5	-.09556	.50101	-.418582	.002237
			.00013	.00007	.000018	.000014
MAY	28	50596.5	-.09306	.50293	-.420904	.002392
			.00009	.00012	.000014	.000012
MAY	29	50597.5	-.09068	.50485	-.423364	.002511
			.00005	.00004	.000009	.000008
MAY	30	50598.5	-.08847	.50683	-.425870	.002524
			.00008	.00009	.000014	.000005
MAY	31	50599.5	-.08617	.50887	-.428381	.002492
			.00014	.00004	.000017	.000013
JUN	1	50600.5	-.08391	.51085	-.430863	.002426
			.00007	.00010	.000016	.000011
JUN	2	50601.5	-.08153	.51251	-.433197	.002254
			.00005	.00005	.000015	.000011
JUN	3	50602.5	-.07898	.51410	-.435350	.002061
			.00009	.00004	.000018	.000010
JUN	4	50603.5	-.07631	.51588	-.437282	.001845
			.00010	.00014	.000016	.000015
JUN	5	50604.5	-.07385	.51725	-.439023	.001675
			.00010	.00012	.000024	.000006
JUN	6	50605.5	-.07151	.51829	-.440641	.001576
			.00005	.00013	.000027	.000023

JUN	7	50606.5	-.06930	.51921	-.442156	.001497
			.00010	.00014	.000021	.000015
JUN	8	50607.5	-.06688	.51983	-.443622	.001467
			.00010	.00003	.000026	.000015
JUN	9	50608.5	-.06377	.52010	-.445089	.001480
			.00010	.00018	.000028	.000021
JUN	10	50609.5	-.06007	.52068	-.446602	.001535
			.00007	.00005	.000022	.000018
JUN	11	50610.5	-.05625	.52167	-.448181	.001601
			.00004	.00013	.000018	.000013
JUN	12	50611.5	-.05244	.52311	-.449773	.001608
			.00007	.00012	.000019	.000012
JUN	13	50612.5	-.04860	.52493	-.451376	.001608
			.00006	.00006	.000037	.000015
JUN	14	50613.5	-.04507	.52652	-.452978	.001595
			.00017	.00006	.000040	.000034
JUN	15	50614.5	-.04153	.52767	-.454535	.001534
			.00014	.00006	.000031	.000022
JUN	16	50615.5	-.03782	.52844	-.456019	.001449
			.00010	.00013	.000026	.000022
JUN	17	50616.5	-.03428	.52933	-.457394	.001330
			.00008	.00007	.000026	.000014
JUN	18	50617.5	-.03068	.53011	-.458645	.001201
			.00010	.00004	.000027	.000022
JUN	19	50618.5	-.02699	.53100	-.459784	.001094
			.00008	.00006	.000025	.000015
JUN	20	50619.5	-.02309	.53184	-.460809	.000997
			.00014	.00015	.000023	.000020
JUN	21	50620.5	-.01924	.53250	-.461772	.000961
			.00008	.00003	.000020	.000012
JUN	22	50621.5	-.01514	.53300	-.462798	.001049
			.00005	.00006	.000018	.000016
JUN	23	50622.5	-.01089	.53340	-.463917	.001162
			.00009	.00005	.000011	.000008
JUN	24	50623.5	-.00689	.53379	-.465123	.001249
			.00016	.00010	.000012	.000008
JUN	25	50624.5	-.00316	.53435	-.466431	.001336
			.00010	.00011	.000011	.000009
JUN	26	50625.5	.00057	.53481	-.467800	.001369
			.00006	.00008	.000009	.000007
JUN	27	50626.5	.00438	.53521	-.469165	.001332
			.00004	.00010	.000013	.000006
JUN	28	50627.5	.00835	.53547	-.470462	.001233
			.00004	.00008	.000017	.000012
JUN	29	50628.5	.01263	.53568	-.471624	.001080
			.00006	.00005	.000015	.000012
JUN	30	50629.5	.01703	.53620	-.472640	.000927
			.00018	.00011	.000020	.000009
JUL	1	50630.5	.02135	.53678	.526506	.000771
			.00015	.00015	.000020	.000018
JUL	2	50631.5	.02545	.53721	.525815	.000627
			.00007	.00013	.000021	.000008
JUL	3	50632.5	.02936	.53723	.525241	.000534

			.00007	.00023	.000024	.000019
JUL	4	50633.5	.03309	.53702	.524733	.000496
			.00004	.00026	.000024	.000015
JUL	5	50634.5	.03689	.53652	.524193	.000549
			.00003	.00010	.000024	.000019
JUL	6	50635.5	.04052	.53605	.523572	.000647
			.00004	.00009	.000025	.000015
JUL	7	50636.5	.04439	.53546	.522868	.000740
			.00013	.00014	.000035	.000020
JUL	8	50637.5	.04862	.53486	.522062	.000845
			.00009	.00008	.000037	.000029
JUL	9	50638.5	.05286	.53443	.521214	.000887
			.00009	.00004	.000030	.000023
JUL	10	50639.5	.05667	.53410	.520297	.000948
			.00011	.00024	.000029	.000019
JUL	11	50640.5	.05999	.53351	.519287	.001032
			.00011	.00019	.000027	.000022
JUL	12	50641.5	.06354	.53264	.518221	.001076
			.00010	.00009	.000019	.000016
JUL	13	50642.5	.06714	.53175	.517118	.001105
			.00008	.00017	.000014	.000010
JUL	14	50643.5	.07068	.53100	.515993	.001119
			.00012	.00011	.000013	.000010
JUL	15	50644.5	.07403	.53034	.514909	.001075
			.00016	.00010	.000011	.000008
JUL	16	50645.5	.07728	.52961	.513883	.001020
			.00004	.00016	.000020	.000008
JUL	17	50646.5	.08018	.52911	.512832	.001059
			.00005	.00012	.000020	.000018
JUL	18	50647.5	.08295	.52832	.511715	.001149
			.00015	.00015	.000011	.000008
JUL	19	50648.5	.08602	.52735	.510485	.001289
			.00008	.00014	.000011	.000008
JUL	20	50649.5	.08967	.52635	.509066	.001503
			.00007	.00016	.000020	.000007
JUL	21	50650.5	.09360	.52522	.507459	.001697
			.00008	.00012	.000021	.000019
JUL	22	50651.5	.09733	.52407	.505695	.001842
			.00019	.00020	.000026	.000009
JUL	23	50652.5	.10071	.52312	.503778	.001959
			.00008	.00019	.000025	.000024
JUL	24	50653.5	.10375	.52206	.501762	.002016
			.00012	.00015	.000013	.000008
JUL	25	50654.5	.10674	.52144	.499750	.001969
			.00006	.00015	.000016	.000010
JUL	26	50655.5	.10922	.52046	.497829	.001850
			.00009	.00014	.000021	.000013
JUL	27	50656.5	.11143	.51931	.496058	.001687
			.00010	.00020	.000018	.000017
JUL	28	50657.5	.11364	.51800	.494448	.001526
			.00014	.00003	.000008	.000006
JUL	29	50658.5	.11618	.51646	.493000	.001379
			.00009	.00008	.000021	.000005



JUL	30	50659.5	.11889	.51520	.491680	.001269
			.00010	.00005	.000021	.000020
JUL	31	50660.5	.12175	.51395	.490437	.001214
			.00005	.00009	.000011	.000007
AUG	1	50661.5	.12478	.51268	.489198	.001228
			.00007	.00020	.000010	.000009
AUG	2	50662.5	.12796	.51132	.487953	.001251
			.00009	.00013	.000010	.000004
AUG	3	50663.5	.13094	.51012	.486704	.001261
			.00012	.00031	.000015	.000009
AUG	4	50664.5	.13371	.50882	.485413	.001306
			.00015	.00023	.000026	.000012
AUG	5	50665.5	.13646	.50733	.484055	.001370
			.00005	.00019	.000028	.000023
AUG	6	50666.5	.13895	.50612	.482645	.001416
			.00008	.00018	.000017	.000016
AUG	7	50667.5	.14115	.50475	.481190	.001449
			.00005	.00003	.000009	.000007
AUG	8	50668.5	.14358	.50317	.479709	.001463
			.00008	.00008	.000013	.000006
AUG	9	50669.5	.14583	.50144	.478213	.001468
			.00013	.00007	.000022	.000011
AUG	10	50670.5	.14805	.49940	.476789	.001387
			.00012	.00010	.000026	.000019
AUG	11	50671.5	.15017	.49716	.475463	.001284
			.00011	.00030	.000022	.000018
AUG	12	50672.5	.15235	.49505	.474185	.001242
			.00003	.00005	.000014	.000013
AUG	13	50673.5	.15448	.49319	.472972	.001188
			.00014	.00003	.000010	.000006
AUG	14	50674.5	.15665	.49121	.471800	.001168
			.00005	.00012	.000019	.000008
AUG	15	50675.5	.15850	.48913	.470596	.001228
			.00013	.00016	.000030	.000017
AUG	16	50676.5	.16034	.48670	.469291	.001362
			.00007	.00017	.000027	.000025
AUG	17	50677.5	.16215	.48486	.467890	.001479
			.00015	.00023	.000017	.000010
AUG	18	50678.5	.16391	.48275	.466337	.001635
			.00016	.00009	.000029	.000014
AUG	19	50679.5	.16600	.48035	.464642	.001756
			.00010	.00027	.000032	.000025
AUG	20	50680.5	.16811	.47787	.462768	.001893
			.00022	.00019	.000022	.000020
AUG	21	50681.5	.17032	.47568	.460845	.001896
			.00016	.00021	.000018	.000010
AUG	22	50682.5	.17287	.47335	.458984	.001795
			.00018	.00023	.000023	.000015
AUG	23	50683.5	.17549	.47114	.457295	.001606
			.00012	.00025	.000028	.000017
AUG	24	50684.5	.17813	.46906	.455774	.001438
			.00014	.00023	.000035	.000022
AUG	25	50685.5	.18065	.46734	.454368	.001340

			.00014	.00024	.000030	.000027
AUG	26	50686.5	.18271	.46591	.453059	.001264
			.00005	.00021	.000025	.000013
AUG	27	50687.5	.18481	.46424	.451735	.001305
			.00007	.00020	.000025	.000021
AUG	28	50688.5	.18705	.46248	.450431	.001307
			.00014	.00016	.000031	.000014
AUG	29	50689.5	.18918	.46079	.449130	.001317
			.00008	.00012	.000034	.000028
AUG	30	50690.5	.19124	.45878	.447805	.001354
			.00005	.00015	.000022	.000020
AUG	31	50691.5	.19346	.45681	.446413	.001420
			.00011	.00015	.000027	.000009
SEP	1	50692.5	.19616	.45525	.444938	.001502
			.00011	.00010	.000029	.000025
SEP	2	50693.5	.19881	.45349	.443374	.001582
			.00013	.00006	.000022	.000015
SEP	3	50694.5	.20163	.45166	.441754	.001628
			.00013	.00008	.000018	.000016
SEP	4	50695.5	.20404	.44980	.440132	.001616
			.00008	.00014	.000023	.000009
SEP	5	50696.5	.20571	.44753	.438535	.001580
			.00011	.00012	.000024	.000021
SEP	6	50697.5	.20720	.44492	.436943	.001568
			.00008	.00006	.000021	.000011
SEP	7	50698.5	.20875	.44223	.435424	.001490
			.00007	.00010	.000025	.000018
SEP	8	50699.5	.21037	.43953	.433984	.001415
			.00008	.00005	.000042	.000018
SEP	9	50700.5	.21192	.43716	.432625	.001344
			.00016	.00018	.000038	.000038
SEP	10	50701.5	.21334	.43464	.431268	.001362
			.00008	.00007	.000012	.000005
SEP	11	50702.5	.21474	.43179	.429841	.001461
			.00004	.00009	.000017	.000011
SEP	12	50703.5	.21618	.42914	.428322	.001585
			.00010	.00014	.000015	.000013
SEP	13	50704.5	.21741	.42703	.426685	.001733
			.00008	.00008	.000014	.000008
SEP	14	50705.5	.21783	.42520	.424870	.001928
			.00013	.00013	.000014	.000012
SEP	15	50706.5	.21792	.42297	.422798	.002177
			.00016	.00008	.000015	.000007
SEP	16	50707.5	.21796	.42035	.420500	.002372
			.00006	.00019	.000018	.000013
SEP	17	50708.5	.21815	.41777	.418098	.002428
			.00008	.00021	.000031	.000013
SEP	18	50709.5	.21870	.41542	.415626	.002448
			.00013	.00032	.000040	.000028
SEP	19	50710.5	.21953	.41290	.413277	.002288
			.00012	.00030	.000038	.000029
SEP	20	50711.5	.22021	.41051	.411119	.002081
			.00020	.00020	.000030	.000024

SEP	21	50712.5	.22093	.40810	.409124	.001926
			.00010	.00016	.000023	.000018
SEP	22	50713.5	.22148	.40534	.407273	.001803
			.00007	.00005	.000015	.000014
SEP	23	50714.5	.22168	.40250	.405509	.001740
			.00005	.00007	.000021	.000006
SEP	24	50715.5	.22148	.39935	.403796	.001712
			.00005	.00008	.000023	.000020
SEP	25	50716.5	.22122	.39619	.402053	.001761
			.00010	.00013	.000017	.000011
SEP	26	50717.5	.22116	.39279	.400205	.001877
			.00014	.00010	.000017	.000013
SEP	27	50718.5	.22087	.38958	.398312	.001928
			.00020	.00015	.000013	.000011
SEP	28	50719.5	.22093	.38649	.396389	.001953
			.00012	.00013	.000012	.000007
SEP	29	50720.5	.22107	.38379	.394421	.001994
			.00012	.00012	.000015	.000010
SEP	30	50721.5	.22117	.38079	.392405	.002029
			.00010	.00020	.000018	.000011
OCT	1	50722.5	.22135	.37804	.390342	.002065
			.00010	.00008	.000017	.000014
OCT	2	50723.5	.22170	.37497	.388242	.002086
			.00009	.00018	.000016	.000010
OCT	3	50724.5	.22176	.37176	.386231	.001982
			.00010	.00015	.000015	.000012
OCT	4	50725.5	.22195	.36853	.384264	.001928
			.00004	.00011	.000036	.000009
OCT	5	50726.5	.22224	.36574	.382363	.001860
			.00015	.00015	.000039	.000035
OCT	6	50727.5	.22264	.36319	.380492	.001835
			.00005	.00011	.000026	.000017
OCT	7	50728.5	.22259	.36087	.378643	.001827
			.00014	.00013	.000024	.000020
OCT	8	50729.5	.22255	.35850	.376764	.001879
			.00012	.00010	.000025	.000013
OCT	9	50730.5	.22241	.35638	.374844	.001945
			.00011	.00013	.000023	.000021
OCT	10	50731.5	.22213	.35392	.372824	.002073
			.00011	.00018	.000012	.000010
OCT	11	50732.5	.22273	.35134	.370672	.002224
			.00017	.00009	.000017	.000007
OCT	12	50733.5	.22347	.34836	.368363	.002387
			.00013	.00007	.000017	.000015
OCT	13	50734.5	.22434	.34576	.365911	.002517
			.00011	.00018	.000014	.000008
OCT	14	50735.5	.22466	.34325	.363360	.002578
			.00012	.00012	.000016	.000011
OCT	15	50736.5	.22514	.34077	.360758	.002581
			.00011	.00019	.000014	.000011
OCT	16	50737.5	.22557	.33806	.358179	.002516
			.00013	.00015	.000020	.000009
OCT	17	50738.5	.22570	.33503	.355710	.002378

			.00009	.00011	.000022	.000018
OCT	18	50739.5	.22584	.33219	.353434	.002182
			.00012	.00008	.000018	.000013
OCT	19	50740.5	.22633	.32901	.351339	.002018
			.00007	.00009	.000018	.000012
OCT	20	50741.5	.22709	.32614	.349390	.001899
			.00012	.00006	.000018	.000013
OCT	21	50742.5	.22783	.32354	.347563	.001806
			.00014	.00017	.000014	.000012
OCT	22	50743.5	.22804	.32111	.345809	.001756
			.00010	.00013	.000013	.000008
OCT	23	50744.5	.22783	.31863	.344069	.001762
			.00007	.00012	.000011	.000010
OCT	24	50745.5	.22733	.31594	.342298	.001804
			.00011	.00021	.000009	.000005
OCT	25	50746.5	.22666	.31306	.340471	.001864
			.00009	.00008	.000016	.000008
OCT	26	50747.5	.22580	.31020	.338580	.001928
			.00012	.00015	.000017	.000014
OCT	27	50748.5	.22489	.30709	.336623	.001986
			.00010	.00008	.000013	.000010
OCT	28	50749.5	.22344	.30396	.334619	.002023
			.00004	.00014	.000019	.000008
OCT	29	50750.5	.22171	.30065	.332568	.002061
			.00010	.00015	.000020	.000017
OCT	30	50751.5	.21992	.29702	.330475	.002092
			.00012	.00008	.000025	.000011
OCT	31	50752.5	.21846	.29371	.328329	.002135
			.00010	.00010	.000025	.000023
NOV	1	50753.5	.21764	.29074	.326200	.002112
			.00014	.00015	.000010	.000009
NOV	2	50754.5	.21721	.28817	.324124	.002062
			.00014	.00015	.000007	.000004
NOV	3	50755.5	.21673	.28582	.322077	.002044
			.00007	.00009	.000012	.000006
NOV	4	50756.5	.21614	.28367	.320040	.002052
			.00012	.00012	.000022	.000010
NOV	5	50757.5	.21550	.28152	.317956	.002124
			.00009	.00014	.000035	.000020
NOV	6	50758.5	.21494	.27907	.315759	.002259
			.00010	.00011	.000034	.000029
NOV	7	50759.5	.21435	.27694	.313463	.002378
			.00005	.00010	.000022	.000018
NOV	8	50760.5	.21360	.27457	.311064	.002487
			.00009	.00004	.000014	.000012
NOV	9	50761.5	.21305	.27222	.308520	.002626
			.00003	.00013	.000016	.000008
NOV	10	50762.5	.21231	.26992	.305851	.002726
			.00004	.00011	.000020	.000014
NOV	11	50763.5	.21098	.26742	.303164	.002704
			.00005	.00010	.000028	.000014
NOV	12	50764.5	.20956	.26482	.300560	.002579
			.00008	.00015	.000039	.000024

NOV	13	50765.5	.20795	.26237	.298125	.002372
			.00014	.00009	.000048	.000031
NOV	14	50766.5	.20629	.26002	.295959	.002086
			.00011	.00021	.000042	.000036
NOV	15	50767.5	.20471	.25786	.294011	.001874
			.00008	.00008	.000028	.000022
NOV	16	50768.5	.20318	.25569	.292240	.001718
			.00010	.00006	.000018	.000017
NOV	17	50769.5	.20215	.25355	.290574	.001643
			.00003	.00023	.000011	.000007
NOV	18	50770.5	.20124	.25131	.288978	.001599
			.00015	.00012	.000019	.000008
NOV	19	50771.5	.20012	.24901	.287394	.001608
			.00007	.00009	.000018	.000017
NOV	20	50772.5	.19841	.24676	.285799	.001631
			.00004	.00008	.000020	.000006
NOV	21	50773.5	.19659	.24396	.284216	.001628
			.00007	.00007	.000022	.000019
NOV	22	50774.5	.19494	.24097	.282614	.001644
			.00006	.00011	.000029	.000012
NOV	23	50775.5	.19327	.23799	.280964	.001687
			.00006	.00023	.000033	.000026
NOV	24	50776.5	.19137	.23537	.279302	.001687
			.00009	.00027	.000028	.000021
NOV	25	50777.5	.18946	.23310	.277660	.001655
			.00008	.00027	.000037	.000019
NOV	26	50778.5	.18739	.23120	.276060	.001600
			.00011	.00026	.000043	.000032
NOV	27	50779.5	.18496	.22946	.274511	.001540
			.00009	.00016	.000030	.000028
NOV	28	50780.5	.18222	.22750	.273003	.001489
			.00012	.00025	.000026	.000010
NOV	29	50781.5	.17969	.22600	.271532	.001454
			.00020	.00015	.000026	.000024
NOV	30	50782.5	.17696	.22417	.270118	.001401
			.00008	.00019	.000010	.000009
DEC	1	50783.5	.17448	.22220	.268736	.001383
			.00006	.00017	.000007	.000004
DEC	2	50784.5	.17257	.22020	.267364	.001398
			.00011	.00008	.000008	.000006
DEC	3	50785.5	.17104	.21805	.265955	.001458
			.00014	.00023	.000020	.000005
DEC	4	50786.5	.16962	.21629	.264462	.001562
			.00011	.00031	.000019	.000019
DEC	5	50787.5	.16762	.21477	.262819	.001720
			.00017	.00017	.000018	.000004
DEC	6	50788.5	.16516	.21287	.260961	.001928
			.00005	.00022	.000022	.000018
DEC	7	50789.5	.16276	.21115	.258874	.002139
			.00009	.00009	.000021	.000013
DEC	8	50790.5	.16041	.20926	.256625	.002267
			.00008	.00021	.000022	.000017
DEC	9	50791.5	.15806	.20748	.254343	.002262

			.00009	.00014	.000016	.000014
DEC	10	50792.5	.15605	.20580	.252124	.002165
			.00013	.00016	.000011	.000007
DEC	11	50793.5	.15464	.20437	.250011	.002034
			.00011	.00030	.000021	.000009
DEC	12	50794.5	.15314	.20275	.248046	.001879
			.00011	.00012	.000029	.000019
DEC	13	50795.5	.15102	.20142	.246275	.001696
			.00015	.00018	.000032	.000022
DEC	14	50796.5	.14815	.19952	.244658	.001563
			.00007	.00016	.000025	.000023
DEC	15	50797.5	.14521	.19713	.243140	.001491
			.00013	.00015	.000025	.000009
DEC	16	50798.5	.14235	.19506	.241659	.001473
			.00010	.00015	.000025	.000023
DEC	17	50799.5	.13989	.19314	.240192	.001474
			.00009	.00011	.000016	.000010
DEC	18	50800.5	.13813	.19165	.238683	.001523
			.00013	.00008	.000017	.000013
DEC	19	50801.5	.13635	.19064	.237127	.001571
			.00016	.00013	.000018	.000011
DEC	20	50802.5	.13389	.18992	.235510	.001629
			.00009	.00011	.000027	.000014
DEC	21	50803.5	.13099	.18889	.233839	.001672
			.00009	.00020	.000037	.000022
DEC	22	50804.5	.12824	.18746	.232075	.001751
			.00012	.00008	.000033	.000028
DEC	23	50805.5	.12534	.18588	.230339	.001710
			.00015	.00016	.000027	.000016
DEC	24	50806.5	.12218	.18411	.228666	.001634
			.00010	.00013	.000027	.000022
DEC	25	50807.5	.11945	.18234	.227047	.001570
			.00010	.00033	.000019	.000016
DEC	26	50808.5	.11677	.18060	.225542	.001452
			.00010	.00011	.000029	.000012
DEC	27	50809.5	.11423	.17916	.224153	.001339
			.00009	.00011	.000027	.000027
DEC	28	50810.5	.11159	.17788	.222830	.001281
			.00004	.00003	.000003	.000008
DEC	29	50811.5	.10890	.17676	.221523	.001289
			.00003	.00006	.000013	.000004
DEC	30	50812.5	.10629	.17586	.220203	.001316
			.00003	.00018	.000016	.000012
DEC	31	50813.5	.10375	.17498	.218818	.001391
			.00011	.00003	.000024	.000013