

INTERNATIONAL EARTH ROTATION SERVICE
 EARTH ROTATION PARAMETERS
 EOP (IERS) C 04

FORMAT(2X,A4,I3,2X,I5,2F9.5,F10.6,2X,F10.6,2X,2F9.5)

Date	MJD	x	y	UT1-UTC	LOD	dPsi	dEpsilon	
		"	"	s	s	"	"	
(0h UTC)								
YEAR ==> 1981								
JAN	1	44605	.07260	.35840	-.196450	.002325	.00769	.00080
JAN	2	44606	.07340	.35760	-.198736	.002256	.00775	.00066
JAN	3	44607	.07410	.35690	-.200962	.002187	.00797	.00055
JAN	4	44608	.07470	.35630	-.203124	.002130	.00831	.00047
JAN	5	44609	.07520	.35570	-.205231	.002091	.00871	.00046
JAN	6	44610	.07560	.35510	-.207321	.002097	.00909	.00052
JAN	7	44611	.07600	.35460	-.209443	.002158	.00937	.00063
JAN	8	44612	.07640	.35410	-.211656	.002274	.00950	.00077
JAN	9	44613	.07670	.35360	-.214005	.002429	.00947	.00091
JAN	10	44614	.07690	.35310	-.216518	.002595	.00928	.00103
JAN	11	44615	.07710	.35260	-.219177	.002737	.00898	.00110
JAN	12	44616	.07730	.35210	-.221965	.002827	.00864	.00110
JAN	13	44617	.07750	.35160	-.224806	.002845	.00833	.00103
JAN	14	44618	.07760	.35090	-.227620	.002788	.00812	.00091
JAN	15	44619	.07770	.35030	-.230352	.002669	.00806	.00076
JAN	16	44620	.07780	.34950	-.232946	.002525	.00817	.00061
JAN	17	44621	.07790	.34880	-.235393	.002375	.00843	.00049
JAN	18	44622	.07800	.34800	-.237709	.002265	.00879	.00042
JAN	19	44623	.07810	.34710	-.239945	.002216	.00918	.00041
JAN	20	44624	.07821	.34621	-.242173	.002239	.00952	.00047
JAN	21	44625	.07831	.34531	-.244439	.002297	.00975	.00057
JAN	22	44626	.07841	.34431	-.246774	.002374	.00982	.00070
JAN	23	44627	.07851	.34341	-.249194	.002436	.00973	.00082
JAN	24	44628	.07881	.34231	-.251640	.002458	.00949	.00090
JAN	25	44629	.07911	.34131	-.254091	.002440	.00916	.00093
JAN	26	44630	.07961	.34021	-.256510	.002390	.00881	.00089
JAN	27	44631	.08021	.33921	-.258861	.002309	.00852	.00079
JAN	28	44632	.08091	.33811	-.261119	.002192	.00836	.00064
JAN	29	44633	.08181	.33701	-.263242	.002051	.00835	.00047
JAN	30	44634	.08281	.33601	-.265222	.001909	.00851	.00031
JAN	31	44635	.08381	.33491	-.267072	.001808	.00881	.00018
FEB	1	44636	.08491	.33391	-.268835	.001722	.00919	.00011
FEB	2	44637	.08601	.33301	-.270539	.001685	.00957	.00011
FEB	3	44638	.08701	.33211	-.272234	.001712	.00988	.00017
FEB	4	44639	.08811	.33131	-.273972	.001819	.01006	.00027
FEB	5	44640	.08911	.33051	-.275878	.002018	.01008	.00038
FEB	6	44641	.09001	.32971	-.278027	.002271	.00993	.00048
FEB	7	44642	.09081	.32901	-.280414	.002498	.00965	.00053
FEB	8	44643	.09161	.32841	-.283013	.002676	.00931	.00052

FEB	9	44644	.09221	.32771	-.285739	.002770	.00898	.00044
FEB	10	44645	.09271	.32711	-.288514	.002778	.00872	.00031
FEB	11	44646	.09301	.32651	-.291273	.002708	.00861	.00013
FEB	12	44647	.09311	.32591	-.293909	.002572	.00867	-.00006
FEB	13	44648	.09301	.32521	-.296418	.002440	.00888	-.00022
FEB	14	44649	.09271	.32451	-.298809	.002334	.00922	-.00034
FEB	15	44650	.09231	.32381	-.301114	.002267	.00961	-.00040
FEB	16	44651	.09181	.32311	-.303355	.002235	.00998	-.00039
FEB	17	44652	.09121	.32231	-.305602	.002246	.01026	-.00033
FEB	18	44653	.09061	.32151	-.307869	.002277	.01039	-.00023
FEB	19	44654	.08991	.32061	-.310158	.002291	.01035	-.00014
FEB	20	44655	.08921	.31971	-.312454	.002298	.01016	-.00006
FEB	21	44656	.08851	.31881	-.314735	.002286	.00986	-.00004
FEB	22	44657	.08771	.31791	-.317015	.002269	.00952	-.00009
FEB	23	44658	.08691	.31711	-.319271	.002247	.00921	-.00020
FEB	24	44659	.08621	.31621	-.321498	.002215	.00901	-.00036
FEB	25	44660	.08562	.31542	-.323694	.002201	.00896	-.00055
FEB	26	44661	.08502	.31472	-.325889	.002192	.00907	-.00074
FEB	27	44662	.08462	.31392	-.328090	.002211	.00934	-.00090
FEB	28	44663	.08422	.31332	-.330321	.002244	.00971	-.00101
MAR	1	44664	.08402	.31262	-.332593	.002303	.01011	-.00105
MAR	2	44665	.08392	.31202	-.334945	.002391	.01046	-.00103
MAR	3	44666	.08392	.31142	-.337404	.002539	.01070	-.00096
MAR	4	44667	.08402	.31092	-.340034	.002728	.01078	-.00087
MAR	5	44668	.08432	.31032	-.342867	.002944	.01070	-.00078
MAR	6	44669	.08472	.30982	-.345924	.003157	.01047	-.00073
MAR	7	44670	.08522	.30922	-.349175	.003338	.01015	-.00073
MAR	8	44671	.08572	.30862	-.352569	.003431	.00982	-.00080
MAR	9	44672	.08632	.30802	-.356001	.003406	.00955	-.00094
MAR	10	44673	.08692	.30732	-.359359	.003297	.00940	-.00112
MAR	11	44674	.08762	.30672	-.362568	.003122	.00941	-.00131
MAR	12	44675	.08832	.30592	-.365602	.002951	.00959	-.00150
MAR	13	44676	.08912	.30522	-.368481	.002794	.00990	-.00165
MAR	14	44677	.08982	.30442	-.371212	.002660	.01029	-.00174
MAR	15	44678	.09052	.30362	-.373822	.002583	.01069	-.00176
MAR	16	44679	.09132	.30272	-.376388	.002556	.01102	-.00172
MAR	17	44680	.09212	.30192	-.378960	.002579	.01121	-.00164
MAR	18	44681	.09292	.30102	-.381541	.002606	.01124	-.00154
MAR	19	44682	.09362	.30022	-.384167	.002633	.01110	-.00146
MAR	20	44683	.09442	.29932	-.386799	.002636	.01084	-.00143
MAR	21	44684	.09522	.29852	-.389418	.002603	.01051	-.00145
MAR	22	44685	.09602	.29772	-.391995	.002544	.01019	-.00154
MAR	23	44686	.09672	.29692	-.394505	.002461	.00996	-.00169
MAR	24	44687	.09752	.29612	-.396918	.002361	.00986	-.00188
MAR	25	44688	.09822	.29532	-.399212	.002248	.00993	-.00207
MAR	26	44689	.09882	.29452	-.401404	.002137	.01016	-.00224
MAR	27	44690	.09952	.29372	-.403503	.002064	.01051	-.00237
MAR	28	44691	.10012	.29292	-.405533	.002026	.01091	-.00243
MAR	29	44692	.10062	.29212	-.407560	.002042	.01129	-.00242
MAR	30	44693	.10112	.29132	-.409646	.002123	.01157	-.00236
MAR	31	44694	.10152	.29042	-.411835	.002266	.01171	-.00226
APR	1	44695	.10192	.28952	-.414209	.002467	.01168	-.00216
APR	2	44696	.10222	.28862	-.416793	.002713	.01149	-.00209

APR	3	44697	.10243	.28763	-.419623	.002940	.01119	-.00207
APR	4	44698	.10263	.28653	-.422662	.003123	.01085	-.00211
APR	5	44699	.10273	.28553	-.425834	.003200	.01055	-.00221
APR	6	44700	.10283	.28433	-.429022	.003158	.01035	-.00237
APR	7	44701	.10283	.28313	-.432119	.003016	.01030	-.00255
APR	8	44702	.10273	.28193	-.435050	.002846	.01042	-.00273
APR	9	44703	.10263	.28073	-.437818	.002684	.01069	-.00288
APR	10	44704	.10243	.27943	-.440449	.002593	.01105	-.00297
APR	11	44705	.10213	.27823	-.443028	.002566	.01144	-.00300
APR	12	44706	.10183	.27703	-.445594	.002586	.01179	-.00296
APR	13	44707	.10133	.27583	-.448226	.002663	.01201	-.00288
APR	14	44708	.10083	.27463	-.450928	.002752	.01208	-.00277
APR	15	44709	.10033	.27353	-.453719	.002839	.01198	-.00266
APR	16	44710	.09973	.27243	-.456590	.002898	.01173	-.00259
APR	17	44711	.09903	.27143	-.459504	.002925	.01140	-.00258
APR	18	44712	.09843	.27043	-.462428	.002917	.01105	-.00263
APR	19	44713	.09783	.26963	-.465326	.002874	.01075	-.00274
APR	20	44714	.09723	.26873	-.468168	.002792	.01058	-.00289
APR	21	44715	.09663	.26803	-.470915	.002700	.01057	-.00307
APR	22	44716	.09603	.26733	-.473555	.002593	.01073	-.00323
APR	23	44717	.09553	.26663	-.476096	.002488	.01102	-.00335
APR	24	44718	.09503	.26603	-.478552	.002422	.01138	-.00341
APR	25	44719	.09453	.26543	-.480953	.002387	.01174	-.00340
APR	26	44720	.09423	.26493	-.483343	.002403	.01203	-.00333
APR	27	44721	.09393	.26433	-.485787	.002475	.01218	-.00322
APR	28	44722	.09373	.26373	-.488324	.002604	.01217	-.00309
APR	29	44723	.09363	.26303	-.491002	.002770	.01199	-.00298
APR	30	44724	.09353	.26243	-.493859	.002944	.01168	-.00292
MAY	1	44725	.09353	.26183	-.496882	.003092	.01131	-.00291
MAY	2	44726	.09363	.26113	-.500018	.003172	.01094	-.00297
MAY	3	44727	.09373	.26043	-.503178	.003128	.01066	-.00309
MAY	4	44728	.09383	.25973	-.506246	.002982	.01052	-.00324
MAY	5	44729	.09393	.25903	-.509117	.002741	.01053	-.00340
MAY	6	44730	.09403	.25833	-.511733	.002504	.01071	-.00353
MAY	7	44731	.09413	.25763	-.514131	.002320	.01100	-.00362
MAY	8	44732	.09413	.25693	-.516388	.002209	.01134	-.00364
MAY	9	44733	.09424	.25614	-.518584	.002195	.01166	-.00360
MAY	10	44734	.09434	.25544	-.520787	.002237	.01188	-.00350
MAY	11	44735	.09434	.25474	-.523068	.002318	.01194	-.00337
MAY	12	44736	.09444	.25404	-.525424	.002393	.01184	-.00323
MAY	13	44737	.09444	.25324	-.527849	.002462	.01158	-.00312
MAY	14	44738	.09444	.25254	-.530338	.002503	.01121	-.00306
MAY	15	44739	.09444	.25174	-.532853	.002520	.01080	-.00306
MAY	16	44740	.09434	.25094	-.535369	.002494	.01042	-.00313
MAY	17	44741	.09434	.25014	-.537831	.002447	.01015	-.00325
MAY	18	44742	.09424	.24934	-.540247	.002359	.01002	-.00339
MAY	19	44743	.09414	.24844	-.542557	.002271	.01006	-.00354
MAY	20	44744	.09394	.24754	-.544780	.002179	.01025	-.00365
MAY	21	44745	.09384	.24674	-.546921	.002099	.01053	-.00370
MAY	22	44746	.09354	.24584	-.549000	.002066	.01084	-.00369
MAY	23	44747	.09334	.24484	-.551060	.002053	.01109	-.00361
MAY	24	44748	.09294	.24394	-.553133	.002092	.01123	-.00349
MAY	25	44749	.09254	.24304	-.555252	.002163	.01120	-.00334

MAY	26	44750	.09194	.24204	-.557476	.002288	.01101	-.00320
MAY	27	44751	.09134	.24114	-.559837	.002429	.01067	-.00309
MAY	28	44752	.09064	.24014	-.562342	.002586	.01024	-.00304
MAY	29	44753	.08984	.23924	-.564986	.002699	.00979	-.00306
MAY	30	44754	.08904	.23824	-.567701	.002737	.00940	-.00314
MAY	31	44755	.08814	.23734	-.570423	.002679	.00914	-.00326
JUN	1	44756	.08734	.23644	-.573038	.002539	.00904	-.00339
JUN	2	44757	.08644	.23554	-.575496	.002350	.00910	-.00352
JUN	3	44758	.08564	.23464	-.577752	.002172	.00929	-.00360
JUN	4	44759	.08474	.23374	-.579859	.002064	.00955	-.00363
JUN	5	44760	.08394	.23294	-.581907	.002035	.00981	-.00359
JUN	6	44761	.08314	.23224	-.583963	.002074	.01000	-.00348
JUN	7	44762	.08234	.23144	-.586069	.002143	.01005	-.00334
JUN	8	44763	.08154	.23074	-.588253	.002221	.00993	-.00318
JUN	9	44764	.08074	.23004	-.590517	.002284	.00964	-.00304
JUN	10	44765	.08004	.22944	-.592820	.002318	.00923	-.00295
JUN	11	44766	.07934	.22874	-.595152	.002309	.00876	-.00291
JUN	12	44767	.07864	.22794	-.597438	.002256	.00829	-.00294
JUN	13	44768	.07794	.22724	-.599643	.002161	.00791	-.00303
JUN	14	44769	.07734	.22644	-.601753	.002035	.00766	-.00315
JUN	15	44770	.07675	.22565	-.603720	.001897	.00758	-.00328
JUN	16	44771	.07625	.22475	-.605537	.001751	.00766	-.00339
JUN	17	44772	.07575	.22395	-.607227	.001623	.00785	-.00345
JUN	18	44773	.07515	.22305	-.608784	.001497	.00809	-.00345
JUN	19	44774	.07465	.22215	-.610248	.001427	.00831	-.00338
JUN	20	44775	.07415	.22125	-.611648	.001391	.00842	-.00326
JUN	21	44776	.07365	.22025	-.613048	.001417	.00839	-.00310
JUN	22	44777	.07315	.21935	-.614495	.001484	.00819	-.00294
JUN	23	44778	.07265	.21845	-.616023	.001584	.00783	-.00281
JUN	24	44779	.07215	.21755	-.617662	.001691	.00736	-.00273
JUN	25	44780	.07155	.21655	-.619395	.001777	.00686	-.00272
JUN	26	44781	.07095	.21565	-.621186	.001812	.00639	-.00277
JUN	27	44782	.07035	.21475	-.622982	.001784	.00602	-.00287
JUN	28	44783	.06975	.21375	-.624715	.001680	.00581	-.00299
JUN	29	44784	.06915	.21285	-.626331	.001536	.00577	-.00312
JUN	30	44785	.06855	.21185	-.627782	.001377	.00587	-.00321
JUL	1	44786	.06805	.21095	-.370902	.001255	.00607	-.00325
JUL	2	44787	.06745	.20995	-.369675	.001213	.00629	-.00322
JUL	3	44788	.06695	.20895	-.368449	.001248	.00646	-.00313
JUL	4	44789	.06635	.20795	-.367172	.001316	.00651	-.00300
JUL	5	44790	.06595	.20685	-.365811	.001404	.00641	-.00283
JUL	6	44791	.06545	.20585	-.364376	.001471	.00613	-.00268
JUL	7	44792	.06505	.20485	-.362890	.001497	.00572	-.00257
JUL	8	44793	.06465	.20385	-.361386	.001485	.00522	-.00251
JUL	9	44794	.06425	.20275	-.359932	.001416	.00470	-.00251
JUL	10	44795	.06395	.20175	-.358556	.001323	.00425	-.00258
JUL	11	44796	.06365	.20085	-.357305	.001186	.00393	-.00270
JUL	12	44797	.06335	.19985	-.356186	.001036	.00377	-.00283
JUL	13	44798	.06305	.19895	-.355221	.000897	.00377	-.00295
JUL	14	44799	.06265	.19805	-.354388	.000773	.00391	-.00302
JUL	15	44800	.06235	.19715	-.353665	.000698	.00411	-.00304
JUL	16	44801	.06185	.19635	-.352987	.000685	.00433	-.00299
JUL	17	44802	.06135	.19565	-.352287	.000735	.00446	-.00289

JUL	18	44803	.06075	.19495	.351499	.000850	.00446	-.00274
JUL	19	44804	.06015	.19435	.350561	.001032	.00430	-.00258
JUL	20	44805	.05935	.19375	.349417	.001250	.00398	-.00244
JUL	21	44806	.05855	.19315	.348074	.001453	.00353	-.00234
JUL	22	44807	.05756	.19266	.346531	.001622	.00302	-.00231
JUL	23	44808	.05656	.19216	.344851	.001730	.00252	-.00234
JUL	24	44809	.05546	.19166	.343087	.001773	.00212	-.00243
JUL	25	44810	.05426	.19116	.341327	.001734	.00185	-.00255
JUL	26	44811	.05306	.19076	.339637	.001648	.00176	-.00268
JUL	27	44812	.05176	.19026	.338049	.001531	.00182	-.00279
JUL	28	44813	.05036	.18976	.336568	.001436	.00200	-.00285
JUL	29	44814	.04886	.18926	.335146	.001398	.00223	-.00285
JUL	30	44815	.04736	.18876	.333735	.001435	.00244	-.00278
JUL	31	44816	.04586	.18826	.332265	.001516	.00255	-.00266
AUG	1	44817	.04426	.18786	.330682	.001642	.00251	-.00251
AUG	2	44818	.04256	.18736	.328982	.001748	.00231	-.00235
AUG	3	44819	.04096	.18696	.327196	.001815	.00196	-.00223
AUG	4	44820	.03926	.18656	.325375	.001831	.00150	-.00215
AUG	5	44821	.03756	.18616	.323549	.001802	.00101	-.00214
AUG	6	44822	.03586	.18576	.321781	.001735	.00056	-.00220
AUG	7	44823	.03416	.18546	.320089	.001649	.00022	-.00230
AUG	8	44824	.03246	.18516	.318491	.001535	.00003	-.00243
AUG	9	44825	.03076	.18486	.317007	.001430	.00002	-.00256
AUG	10	44826	.02906	.18466	.315615	.001339	.00015	-.00266
AUG	11	44827	.02736	.18446	.314312	.001275	.00039	-.00270
AUG	12	44828	.02566	.18426	.313053	.001250	.00065	-.00268
AUG	13	44829	.02396	.18406	.311805	.001265	.00086	-.00259
AUG	14	44830	.02216	.18396	.310505	.001357	.00095	-.00246
AUG	15	44831	.02046	.18386	.309083	.001493	.00089	-.00230
AUG	16	44832	.01876	.18376	.307495	.001658	.00067	-.00215
AUG	17	44833	.01716	.18366	.305755	.001819	.00030	-.00204
AUG	18	44834	.01546	.18366	.303866	.001938	-.00014	-.00199
AUG	19	44835	.01376	.18366	.301890	.001988	-.00060	-.00200
AUG	20	44836	.01216	.18376	.299919	.001943	-.00098	-.00208
AUG	21	44837	.01056	.18376	.298044	.001805	-.00124	-.00219
AUG	22	44838	.00896	.18396	.296327	.001621	-.00133	-.00233
AUG	23	44839	.00746	.18406	.294819	.001416	-.00125	-.00245
AUG	24	44840	.00596	.18436	.293498	.001240	-.00103	-.00253
AUG	25	44841	.00446	.18456	.292321	.001126	-.00075	-.00255
AUG	26	44842	.00306	.18496	.291222	.001093	-.00046	-.00250
AUG	27	44843	.00167	.18527	.290101	.001159	-.00024	-.00239
AUG	28	44844	.00027	.18577	.288887	.001283	-.00015	-.00225
AUG	29	44845	-.00113	.18617	.287540	.001401	-.00023	-.00209
AUG	30	44846	-.00253	.18667	.286081	.001510	-.00046	-.00195
AUG	31	44847	-.00393	.18727	.284532	.001580	-.00082	-.00185
SEP	1	44848	-.00533	.18777	.282937	.001601	-.00124	-.00182
SEP	2	44849	-.00683	.18827	.281345	.001577	-.00163	-.00185
SEP	3	44850	-.00823	.18877	.279785	.001526	-.00194	-.00194
SEP	4	44851	-.00963	.18927	.278290	.001462	-.00209	-.00206
SEP	5	44852	-.01103	.18977	.276874	.001380	-.00208	-.00219
SEP	6	44853	-.01253	.19017	.275525	.001308	-.00191	-.00230
SEP	7	44854	-.01393	.19067	.274240	.001271	-.00162	-.00236
SEP	8	44855	-.01543	.19117	.272971	.001263	-.00127	-.00235

SEP	9	44856	-.01693	.19167	.271687	.001312	-.00096	-.00228
SEP	10	44857	-.01853	.19217	.270328	.001416	-.00073	-.00215
SEP	11	44858	-.02013	.19267	.268845	.001577	-.00066	-.00199
SEP	12	44859	-.02183	.19317	.267157	.001789	-.00075	-.00183
SEP	13	44860	-.02343	.19377	.265248	.002038	-.00098	-.00170
SEP	14	44861	-.02523	.19427	.263093	.002275	-.00132	-.00162
SEP	15	44862	-.02693	.19497	.260728	.002441	-.00170	-.00160
SEP	16	44863	-.02883	.19557	.258233	.002522	-.00202	-.00165
SEP	17	44864	-.03063	.19627	.255719	.002500	-.00224	-.00175
SEP	18	44865	-.03253	.19697	.253269	.002387	-.00230	-.00187
SEP	19	44866	-.03443	.19767	.250946	.002248	-.00218	-.00199
SEP	20	44867	-.03643	.19847	.248768	.002113	-.00192	-.00207
SEP	21	44868	-.03843	.19927	.246702	.002031	-.00156	-.00210
SEP	22	44869	-.04053	.20007	.244680	.002022	-.00117	-.00207
SEP	23	44870	-.04263	.20097	.242632	.002077	-.00084	-.00197
SEP	24	44871	-.04483	.20187	.240499	.002196	-.00062	-.00182
SEP	25	44872	-.04703	.20277	.238231	.002322	-.00056	-.00165
SEP	26	44873	-.04923	.20377	.235847	.002443	-.00066	-.00149
SEP	27	44874	-.05153	.20477	.233365	.002513	-.00090	-.00136
SEP	28	44875	-.05373	.20577	.230834	.002546	-.00121	-.00130
SEP	29	44876	-.05603	.20677	.228287	.002521	-.00154	-.00130
SEP	30	44877	-.05823	.20777	.225798	.002454	-.00180	-.00136
OCT	1	44878	-.06033	.20877	.223391	.002345	-.00192	-.00146
OCT	2	44879	-.06253	.20977	.221112	.002220	-.00189	-.00158
OCT	3	44880	-.06452	.21078	.218958	.002098	-.00168	-.00168
OCT	4	44881	-.06642	.21188	.216909	.001996	-.00134	-.00174
OCT	5	44882	-.06822	.21288	.214957	.001929	-.00093	-.00174
OCT	6	44883	-.06992	.21408	.213045	.001899	-.00051	-.00167
OCT	7	44884	-.07152	.21518	.211141	.001922	-.00018	-.00155
OCT	8	44885	-.07292	.21638	.209173	.002010	.00003	-.00138
OCT	9	44886	-.07422	.21768	.207111	.002143	.00007	-.00120
OCT	10	44887	-.07552	.21908	.204872	.002339	-.00005	-.00104
OCT	11	44888	-.07672	.22048	.202418	.002559	-.00029	-.00093
OCT	12	44889	-.07792	.22208	.199764	.002748	-.00059	-.00087
OCT	13	44890	-.07892	.22368	.196958	.002856	-.00087	-.00089
OCT	14	44891	-.08002	.22538	.194090	.002853	-.00106	-.00095
OCT	15	44892	-.08102	.22718	.191280	.002751	-.00111	-.00106
OCT	16	44893	-.08202	.22898	.188620	.002568	-.00099	-.00116
OCT	17	44894	-.08302	.23078	.186145	.002384	-.00070	-.00125
OCT	18	44895	-.08402	.23258	.183838	.002233	-.00030	-.00128
OCT	19	44896	-.08512	.23448	.181655	.002158	.00014	-.00125
OCT	20	44897	-.08612	.23638	.179495	.002164	.00056	-.00115
OCT	21	44898	-.08722	.23818	.177305	.002224	.00088	-.00100
OCT	22	44899	-.08832	.24008	.175035	.002319	.00105	-.00082
OCT	23	44900	-.08942	.24188	.172666	.002417	.00106	-.00064
OCT	24	44901	-.09062	.24358	.170210	.002493	.00091	-.00049
OCT	25	44902	-.09172	.24538	.167694	.002530	.00066	-.00038
OCT	26	44903	-.09282	.24698	.165163	.002522	.00038	-.00034
OCT	27	44904	-.09402	.24868	.162664	.002469	.00013	-.00037
OCT	28	44905	-.09512	.25028	.160236	.002381	.00000	-.00045
OCT	29	44906	-.09622	.25178	.157919	.002261	.00003	-.00055
OCT	30	44907	-.09722	.25328	.155716	.002144	.00023	-.00064
OCT	31	44908	-.09832	.25478	.153627	.002030	.00057	-.00071

NOV	1	44909	-.09932	.25628	.151648	.001944	.00100	-.00072
NOV	2	44910	-.10032	.25768	.149724	.001903	.00146	-.00066
NOV	3	44911	-.10132	.25918	.147815	.001913	.00186	-.00054
NOV	4	44912	-.10222	.26058	.145869	.001986	.00214	-.00037
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NOV	7	44915	-.10492	.26498	.139286	.002476	.00204	.00015
NOV	8	44916	-.10571	.26649	.136718	.002676	.00177	.00023
NOV	9	44917	-.10651	.26789	.133959	.002831	.00150	.00025
NOV	10	44918	-.10731	.26939	.131088	.002904	.00129	.00021
NOV	11	44919	-.10801	.27099	.128199	.002862	.00121	.00013
NOV	12	44920	-.10861	.27249	.125386	.002731	.00130	.00003
NOV	13	44921	-.10921	.27419	.122744	.002539	.00155	-.00006
NOV	14	44922	-.10961	.27579	.120304	.002340	.00193	-.00011
NOV	15	44923	-.11001	.27759	.118041	.002197	.00238	-.00009
NOV	16	44924	-.11031	.27939	.115881	.002141	.00282	-.00001
NOV	17	44925	-.11041	.28129	.113736	.002151	.00319	.00013
NOV	18	44926	-.11051	.28319	.111575	.002185	.00341	.00031
NOV	19	44927	-.11051	.28519	.109362	.002238	.00347	.00050
NOV	20	44928	-.11051	.28719	.107104	.002263	.00337	.00068
NOV	21	44929	-.11051	.28919	.104837	.002263	.00315	.00080
NOV	22	44930	-.11041	.29129	.102603	.002220	.00287	.00086
NOV	23	44931	-.11041	.29349	.100422	.002135	.00260	.00086
NOV	24	44932	-.11041	.29569	.098334	.002026	.00242	.00080
NOV	25	44933	-.11041	.29779	.096378	.001911	.00239	.00070
NOV	26	44934	-.11041	.29999	.094514	.001816	.00252	.00060
NOV	27	44935	-.11051	.30219	.092734	.001736	.00281	.00052
NOV	28	44936	-.11071	.30439	.091025	.001678	.00321	.00049
NOV	29	44937	-.11091	.30649	.089365	.001658	.00365	.00053
NOV	30	44938	-.11121	.30869	.087693	.001686	.00407	.00063
DEC	1	44939	-.11151	.31079	.085966	.001778	.00438	.00078
DEC	2	44940	-.11191	.31289	.084131	.001910	.00454	.00096
DEC	3	44941	-.11231	.31499	.082140	.002076	.00453	.00114
DEC	4	44942	-.11271	.31709	.079978	.002262	.00436	.00129
DEC	5	44943	-.11301	.31919	.077614	.002458	.00410	.00139
DEC	6	44944	-.11331	.32139	.075068	.002635	.00380	.00143
DEC	7	44945	-.11351	.32359	.072374	.002753	.00354	.00139
DEC	8	44946	-.11361	.32579	.069604	.002769	.00339	.00131
DEC	9	44947	-.11371	.32799	.066870	.002693	.00340	.00120
DEC	10	44948	-.11381	.33019	.064253	.002531	.00357	.00110
DEC	11	44949	-.11371	.33239	.061816	.002346	.00388	.00102
DEC	12	44950	-.11361	.33469	.059547	.002199	.00429	.00101
DEC	13	44951	-.11341	.33689	.057389	.002133	.00472	.00105
DEC	14	44952	-.11321	.33919	.055252	.002153	.00509	.00116
DEC	15	44953	-.11280	.34140	.053072	.002234	.00533	.00132
DEC	16	44954	-.11230	.34360	.050788	.002324	.00542	.00149
DEC	17	44955	-.11180	.34580	.048420	.002407	.00534	.00166
DEC	18	44956	-.11120	.34800	.045999	.002430	.00511	.00178
DEC	19	44957	-.11040	.35020	.043565	.002418	.00481	.00184
DEC	20	44958	-.10960	.35230	.041176	.002363	.00450	.00184
DEC	21	44959	-.10860	.35450	.038861	.002273	.00425	.00178
DEC	22	44960	-.10760	.35660	.036638	.002159	.00413	.00167
DEC	23	44961	-.10650	.35870	.034547	.002033	.00418	.00155

DEC	24	44962	-.10530	.36080	.032572	.001919	.00439	.00143
DEC	25	44963	-.10400	.36280	.030701	.001814	.00472	.00136
DEC	26	44964	-.10260	.36490	.028920	.001752	.00513	.00136
DEC	27	44965	-.10110	.36690	.027183	.001725	.00553	.00141
DEC	28	44966	-.09960	.36900	.025445	.001760	.00584	.00152
DEC	29	44967	-.09810	.37100	.023655	.001846	.00602	.00167
DEC	30	44968	-.09650	.37300	.021748	.001966	.00603	.00183
DEC	31	44969	-.09480	.37500	.019703	.002124	.00588	.00197