

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 ==> 1970								
JAN	1	40587	-.16800	.12010	.003454	.003189	.05506	.00229
JAN	2	40588	-.17040	.12270	.002877	.003130	.05485	.00218
JAN	3	40589	-.17280	.12550	.002410	.002993	.05480	.00204
JAN	4	40590	-.17510	.12820	.002098	.002796	.05491	.00190
JAN	5	40591	-.17740	.13100	.001987	.002613	.05518	.00179
JAN	6	40592	-.17950	.13390	.002026	.002508	.05555	.00172
JAN	7	40593	-.18160	.13670	.002095	.002551	.05595	.00172
JAN	8	40594	-.18370	.13960	.002062	.002749	.05632	.00179
JAN	9	40595	-.18560	.14250	.001758	.003051	.05657	.00190
JAN	10	40596	-.18750	.14540	.001131	.003379	.05667	.00204
JAN	11	40597	-.18930	.14830	.000205	.003625	.05660	.00217
JAN	12	40598	-.19100	.15130	-.000900	.003730	.05638	.00227
JAN	13	40599	-.19260	.15420	-.002021	.003678	.05606	.00231
JAN	14	40600	-.19410	.15720	-.003025	.003492	.05573	.00229
JAN	15	40601	-.19550	.16020	-.003812	.003238	.05544	.00220
JAN	16	40602	-.19690	.16320	-.004327	.002973	.05528	.00206
JAN	17	40603	-.19810	.16610	-.004580	.002731	.05527	.00190
JAN	18	40604	-.19920	.16910	-.004619	.002540	.05543	.00174
JAN	19	40605	-.20030	.17210	-.004505	.002424	.05573	.00163
JAN	20	40606	-.20119	.17511	-.004314	.002387	.05611	.00157
JAN	21	40607	-.20199	.17811	-.004125	.002438	.05650	.00157
JAN	22	40608	-.20279	.18101	-.004021	.002553	.05682	.00163
JAN	23	40609	-.20339	.18401	-.004055	.002700	.05702	.00174
JAN	24	40610	-.20389	.18701	-.004246	.002864	.05706	.00186
JAN	25	40611	-.20429	.19001	-.004598	.003025	.05692	.00197
JAN	26	40612	-.20459	.19291	-.005104	.003148	.05666	.00203
JAN	27	40613	-.20479	.19591	-.005695	.003214	.05633	.00203
JAN	28	40614	-.20489	.19891	-.006328	.003209	.05599	.00197
JAN	29	40615	-.20489	.20181	-.006919	.003141	.05574	.00184
JAN	30	40616	-.20479	.20481	-.007396	.003004	.05562	.00168
JAN	31	40617	-.20459	.20781	-.007709	.002807	.05567	.00150
FEB	1	40618	-.20429	.21081	-.007836	.002618	.05588	.00134
FEB	2	40619	-.20389	.21371	-.007772	.002468	.05621	.00122
FEB	3	40620	-.20339	.21671	-.007618	.002438	.05660	.00116
FEB	4	40621	-.20289	.21971	-.007509	.002560	.05698	.00117
FEB	5	40622	-.20219	.22271	-.007595	.002823	.05726	.00124
FEB	6	40623	-.20149	.22571	-.007991	.003164	.05741	.00134
FEB	7	40624	-.20069	.22871	-.008744	.003500	.05739	.00144
FEB	8	40625	-.19979	.23171	-.009771	.003707	.05721	.00152

FEB	9	40626	-.19879	.23471	-.010920	.003751	.05691	.00155
FEB	10	40627	-.19779	.23781	-.012016	.003619	.05657	.00151
FEB	11	40628	-.19669	.24081	-.012931	.003378	.05626	.00141
FEB	12	40629	-.19559	.24381	-.013581	.003111	.05605	.00126
FEB	13	40630	-.19439	.24691	-.013982	.002871	.05599	.00107
FEB	14	40631	-.19309	.24991	-.014165	.002687	.05610	.00088
FEB	15	40632	-.19189	.25291	-.014193	.002584	.05636	.00072
FEB	16	40633	-.19059	.25601	-.014159	.002555	.05672	.00061
FEB	17	40634	-.18929	.25901	-.014150	.002606	.05712	.00056
FEB	18	40635	-.18789	.26201	-.014225	.002726	.05748	.00058
FEB	19	40636	-.18659	.26501	-.014438	.002896	.05773	.00064
FEB	20	40637	-.18519	.26801	-.014835	.003081	.05782	.00074
FEB	21	40638	-.18379	.27101	-.015408	.003252	.05775	.00082
FEB	22	40639	-.18249	.27401	-.016146	.003389	.05753	.00088
FEB	23	40640	-.18109	.27701	-.016976	.003459	.05721	.00088
FEB	24	40641	-.17969	.27991	-.017860	.003466	.05688	.00081
FEB	25	40642	-.17839	.28281	-.018701	.003394	.05660	.00068
FEB	26	40643	-.17708	.28572	-.019445	.003251	.05644	.00050
FEB	27	40644	-.17578	.28862	-.020006	.003047	.05645	.00030
FEB	28	40645	-.17448	.29152	-.020342	.002828	.05662	.00011
MAR	1	40646	-.17318	.29432	-.020491	.002651	.05692	-.00005
MAR	2	40647	-.17198	.29712	-.020504	.002572	.05732	-.00015
MAR	3	40648	-.17078	.29982	-.020488	.002613	.05772	-.00018
MAR	4	40649	-.16958	.30262	-.020597	.002808	.05805	-.00015
MAR	5	40650	-.16838	.30532	-.020951	.003103	.05826	-.00007
MAR	6	40651	-.16728	.30792	-.021633	.003439	.05830	.00002
MAR	7	40652	-.16618	.31062	-.022626	.003707	.05818	.00009
MAR	8	40653	-.16508	.31322	-.023826	.003834	.05793	.00012
MAR	9	40654	-.16398	.31572	-.025043	.003781	.05760	.00010
MAR	10	40655	-.16288	.31832	-.026136	.003564	.05729	.00000
MAR	11	40656	-.16188	.32082	-.026974	.003274	.05705	-.00015
MAR	12	40657	-.16078	.32322	-.027513	.002990	.05695	-.00035
MAR	13	40658	-.15978	.32562	-.027783	.002752	.05701	-.00055
MAR	14	40659	-.15868	.32802	-.027867	.002610	.05724	-.00073
MAR	15	40660	-.15768	.33032	-.027845	.002561	.05759	-.00087
MAR	16	40661	-.15668	.33262	-.027817	.002587	.05799	-.00094
MAR	17	40662	-.15558	.33492	-.027864	.002697	.05838	-.00095
MAR	18	40663	-.15448	.33712	-.028048	.002862	.05868	-.00091
MAR	19	40664	-.15348	.33922	-.028419	.003062	.05884	-.00082
MAR	20	40665	-.15228	.34142	-.028994	.003268	.05883	-.00073
MAR	21	40666	-.15118	.34352	-.029767	.003451	.05866	-.00067
MAR	22	40667	-.14998	.34552	-.030700	.003585	.05838	-.00065
MAR	23	40668	-.14878	.34752	-.031733	.003647	.05805	-.00070
MAR	24	40669	-.14758	.34952	-.032795	.003626	.05775	-.00081
MAR	25	40670	-.14628	.35142	-.033786	.003524	.05756	-.00098
MAR	26	40671	-.14498	.35332	-.034642	.003361	.05751	-.00118
MAR	27	40672	-.14358	.35512	-.035320	.003174	.05763	-.00137
MAR	28	40673	-.14218	.35692	-.035807	.003000	.05790	-.00154
MAR	29	40674	-.14068	.35862	-.036155	.002912	.05828	-.00165
MAR	30	40675	-.13918	.36042	-.036478	.002928	.05869	-.00170
MAR	31	40676	-.13758	.36202	-.036874	.003076	.05905	-.00168
APR	1	40677	-.13588	.36362	-.037468	.003328	.05930	-.00161
APR	2	40678	-.13418	.36522	-.038362	.003642	.05940	-.00151

APR	3	40679	-.13237	.36673	-.039565	.003925	.05933	-.00142
APR	4	40680	-.13057	.36823	-.040997	.004105	.05911	-.00136
APR	5	40681	-.12867	.36973	-.042540	.004125	.05880	-.00136
APR	6	40682	-.12667	.37113	-.044011	.003991	.05847	-.00142
APR	7	40683	-.12467	.37243	-.045281	.003724	.05819	-.00155
APR	8	40684	-.12267	.37373	-.046254	.003410	.05803	-.00172
APR	9	40685	-.12047	.37503	-.046920	.003111	.05803	-.00191
APR	10	40686	-.11837	.37623	-.047332	.002898	.05820	-.00209
APR	11	40687	-.11607	.37743	-.047557	.002771	.05850	-.00223
APR	12	40688	-.11377	.37863	-.047725	.002748	.05889	-.00231
APR	13	40689	-.11147	.37973	-.047901	.002796	.05928	-.00232
APR	14	40690	-.10907	.38083	-.048146	.002904	.05960	-.00227
APR	15	40691	-.10667	.38183	-.048531	.003052	.05979	-.00218
APR	16	40692	-.10417	.38283	-.049074	.003214	.05981	-.00207
APR	17	40693	-.10167	.38383	-.049775	.003365	.05967	-.00198
APR	18	40694	-.09907	.38473	-.050611	.003488	.05940	-.00193
APR	19	40695	-.09647	.38563	-.051541	.003539	.05905	-.00193
APR	20	40696	-.09387	.38653	-.052482	.003521	.05871	-.00201
APR	21	40697	-.09117	.38743	-.053363	.003407	.05845	-.00214
APR	22	40698	-.08847	.38823	-.054092	.003230	.05833	-.00230
APR	23	40699	-.08577	.38903	-.054617	.003011	.05837	-.00248
APR	24	40700	-.08307	.38973	-.054925	.002801	.05857	-.00264
APR	25	40701	-.08027	.39053	-.055052	.002646	.05888	-.00274
APR	26	40702	-.07747	.39123	-.055074	.002610	.05926	-.00279
APR	27	40703	-.07467	.39193	-.055134	.002710	.05961	-.00277
APR	28	40704	-.07187	.39263	-.055343	.002913	.05987	-.00269
APR	29	40705	-.06897	.39323	-.055800	.003191	.05998	-.00258
APR	30	40706	-.06617	.39393	-.056533	.003458	.05992	-.00246
MAY	1	40707	-.06327	.39453	-.057502	.003654	.05971	-.00236
MAY	2	40708	-.06037	.39513	-.058607	.003724	.05938	-.00231
MAY	3	40709	-.05747	.39573	-.059720	.003646	.05900	-.00233
MAY	4	40710	-.05457	.39633	-.060676	.003440	.05865	-.00241
MAY	5	40711	-.05167	.39683	-.061393	.003158	.05840	-.00254
MAY	6	40712	-.04867	.39743	-.061809	.002857	.05830	-.00270
MAY	7	40713	-.04577	.39793	-.061946	.002618	.05837	-.00286
MAY	8	40714	-.04277	.39843	-.061875	.002446	.05859	-.00299
MAY	9	40715	-.03977	.39893	-.061691	.002382	.05890	-.00306
MAY	10	40716	-.03686	.39944	-.061488	.002405	.05925	-.00307
MAY	11	40717	-.03386	.39994	-.061344	.002497	.05954	-.00302
MAY	12	40718	-.03086	.40034	-.061306	.002633	.05973	-.00291
MAY	13	40719	-.02786	.40074	-.061417	.002779	.05975	-.00278
MAY	14	40720	-.02486	.40114	-.061682	.002930	.05960	-.00265
MAY	15	40721	-.02176	.40154	-.062076	.003051	.05931	-.00256
MAY	16	40722	-.01876	.40194	-.062567	.003121	.05892	-.00252
MAY	17	40723	-.01566	.40224	-.063104	.003123	.05851	-.00254
MAY	18	40724	-.01266	.40264	-.063595	.003045	.05816	-.00263
MAY	19	40725	-.00956	.40284	-.063989	.002900	.05792	-.00276
MAY	20	40726	-.00646	.40314	-.064185	.002687	.05784	-.00291
MAY	21	40727	-.00336	.40334	-.064168	.002470	.05793	-.00305
MAY	22	40728	-.00016	.40354	-.063951	.002289	.05815	-.00315
MAY	23	40729	.00294	.40374	-.063599	.002219	.05845	-.00320
MAY	24	40730	.00604	.40394	-.063242	.002271	.05875	-.00317
MAY	25	40731	.00924	.40404	-.063002	.002455	.05898	-.00308

MAY	26	40732	.01244	.40404	-.062986	.002701	.05907	-.00295
MAY	27	40733	.01564	.40414	-.063225	.002961	.05900	-.00281
MAY	28	40734	.01884	.40404	-.063696	.003144	.05876	-.00268
MAY	29	40735	.02204	.40404	-.064293	.003222	.05840	-.00259
MAY	30	40736	.02524	.40394	-.064915	.003168	.05796	-.00256
MAY	31	40737	.02854	.40384	-.065409	.002994	.05752	-.00260
JUN	1	40738	.03174	.40364	-.065687	.002742	.05716	-.00270
JUN	2	40739	.03504	.40344	-.065695	.002476	.05694	-.00283
JUN	3	40740	.03834	.40314	-.065459	.002240	.05689	-.00297
JUN	4	40741	.04154	.40284	-.065019	.002066	.05699	-.00309
JUN	5	40742	.04484	.40244	-.064442	.001984	.05721	-.00317
JUN	6	40743	.04814	.40204	-.063839	.001994	.05748	-.00318
JUN	7	40744	.05144	.40164	-.063274	.002078	.05773	-.00312
JUN	8	40745	.05474	.40114	-.062833	.002215	.05788	-.00301
JUN	9	40746	.05804	.40054	-.062533	.002376	.05789	-.00286
JUN	10	40747	.06134	.39994	-.062393	.002526	.05773	-.00271
JUN	11	40748	.06464	.39924	-.062384	.002640	.05741	-.00259
JUN	12	40749	.06794	.39854	-.062468	.002709	.05697	-.00251
JUN	13	40750	.07124	.39774	-.062591	.002708	.05649	-.00250
JUN	14	40751	.07444	.39694	-.062679	.002648	.05604	-.00255
JUN	15	40752	.07775	.39605	-.062682	.002525	.05570	-.00266
JUN	16	40753	.08105	.39515	-.062519	.002330	.05550	-.00279
JUN	17	40754	.08425	.39415	-.062141	.002103	.05547	-.00292
JUN	18	40755	.08745	.39305	-.061550	.001895	.05558	-.00303
JUN	19	40756	.09065	.39195	-.060778	.001778	.05580	-.00308
JUN	20	40757	.09385	.39075	-.059960	.001790	.05604	-.00306
JUN	21	40758	.09695	.38955	-.059215	.001943	.05624	-.00298
JUN	22	40759	.10005	.38825	-.058688	.002195	.05632	-.00285
JUN	23	40760	.10315	.38685	-.058422	.002469	.05625	-.00270
JUN	24	40761	.10625	.38545	-.058415	.002680	.05600	-.00255
JUN	25	40762	.10925	.38395	-.058560	.002776	.05561	-.00243
JUN	26	40763	.11225	.38245	-.058738	.002727	.05513	-.00237
JUN	27	40764	.11515	.38085	-.058791	.002562	.05463	-.00238
JUN	28	40765	.11815	.37915	-.058647	.002320	.05418	-.00245
JUN	29	40766	.12095	.37745	-.058232	.002044	.05386	-.00257
JUN	30	40767	.12385	.37565	-.057562	.001804	.05370	-.00270
JUL	1	40768	.12665	.37375	-.056682	.001628	.05370	-.00283
JUL	2	40769	.12935	.37185	-.055666	.001536	.05384	-.00291
JUL	3	40770	.13205	.36985	-.054604	.001544	.05405	-.00294
JUL	4	40771	.13475	.36785	-.053591	.001621	.05427	-.00290
JUL	5	40772	.13735	.36575	-.052674	.001756	.05442	-.00280
JUL	6	40773	.13995	.36355	-.051924	.001924	.05444	-.00266
JUL	7	40774	.14245	.36135	-.051334	.002095	.05429	-.00250
JUL	8	40775	.14495	.35905	-.050907	.002244	.05398	-.00236
JUL	9	40776	.14735	.35675	-.050618	.002339	.05354	-.00227
JUL	10	40777	.14975	.35435	-.050396	.002387	.05303	-.00223
JUL	11	40778	.15215	.35195	-.050179	.002361	.05253	-.00226
JUL	12	40779	.15445	.34955	-.049914	.002279	.05211	-.00235
JUL	13	40780	.15665	.34705	-.049527	.002129	.05184	-.00248
JUL	14	40781	.15885	.34445	-.048970	.001940	.05173	-.00261
JUL	15	40782	.16105	.34185	-.048218	.001740	.05177	-.00273
JUL	16	40783	.16315	.33925	-.047287	.001603	.05194	-.00280
JUL	17	40784	.16525	.33655	-.046281	.001577	.05217	-.00280

JUL	18	40785	.16725	.33385	-.045298	.001685	.05237	-.00274
JUL	19	40786	.16915	.33115	-.044514	.001934	.05248	-.00263
JUL	20	40787	.17105	.32835	-.043998	.002238	.05244	-.00248
JUL	21	40788	.17295	.32555	-.043800	.002520	.05224	-.00233
JUL	22	40789	.17476	.32276	-.043808	.002670	.05188	-.00220
JUL	23	40790	.17656	.31986	-.043903	.002662	.05142	-.00213
JUL	24	40791	.17826	.31706	-.043897	.002485	.05091	-.00211
JUL	25	40792	.17986	.31416	-.043658	.002205	.05044	-.00217
JUL	26	40793	.18146	.31126	-.043117	.001902	.05007	-.00228
JUL	27	40794	.18306	.30826	-.042283	.001608	.04986	-.00241
JUL	28	40795	.18456	.30536	-.041185	.001391	.04982	-.00255
JUL	29	40796	.18596	.30236	-.039914	.001271	.04992	-.00265
JUL	30	40797	.18736	.29946	-.038557	.001231	.05013	-.00270
JUL	31	40798	.18876	.29646	-.037222	.001280	.05037	-.00268
AUG	1	40799	.19006	.29346	-.035959	.001393	.05057	-.00261
AUG	2	40800	.19126	.29046	-.034831	.001535	.05065	-.00248
AUG	3	40801	.19246	.28746	-.033863	.001709	.05057	-.00233
AUG	4	40802	.19356	.28456	-.033053	.001865	.05033	-.00218
AUG	5	40803	.19466	.28156	-.032389	.001990	.04995	-.00207
AUG	6	40804	.19576	.27856	-.031823	.002057	.04949	-.00202
AUG	7	40805	.19666	.27556	-.031291	.002059	.04900	-.00204
AUG	8	40806	.19766	.27256	-.030728	.001996	.04859	-.00211
AUG	9	40807	.19856	.26956	-.030085	.001888	.04829	-.00223
AUG	10	40808	.19936	.26656	-.029312	.001742	.04816	-.00237
AUG	11	40809	.20016	.26366	-.028396	.001597	.04820	-.00250
AUG	12	40810	.20086	.26066	-.027335	.001484	.04838	-.00259
AUG	13	40811	.20156	.25766	-.026211	.001455	.04863	-.00262
AUG	14	40812	.20226	.25466	-.025100	.001546	.04890	-.00258
AUG	15	40813	.20286	.25166	-.024171	.001789	.04909	-.00249
AUG	16	40814	.20336	.24866	-.023533	.002138	.04915	-.00235
AUG	17	40815	.20386	.24566	-.023274	.002509	.04905	-.00220
AUG	18	40816	.20436	.24266	-.023343	.002787	.04879	-.00206
AUG	19	40817	.20476	.23966	-.023613	.002912	.04841	-.00197
AUG	20	40818	.20516	.23666	-.023912	.002837	.04797	-.00194
AUG	21	40819	.20546	.23366	-.024056	.002601	.04753	-.00198
AUG	22	40820	.20576	.23056	-.023911	.002292	.04719	-.00207
AUG	23	40821	.20606	.22756	-.023464	.001993	.04698	-.00220
AUG	24	40822	.20626	.22446	-.022749	.001764	.04695	-.00234
AUG	25	40823	.20646	.22136	-.021854	.001632	.04708	-.00246
AUG	26	40824	.20656	.21826	-.020867	.001599	.04733	-.00253
AUG	27	40825	.20667	.21517	-.019890	.001651	.04763	-.00253
AUG	28	40826	.20677	.21197	-.019001	.001769	.04792	-.00247
AUG	29	40827	.20677	.20887	-.018254	.001933	.04811	-.00236
AUG	30	40828	.20677	.20567	-.017682	.002115	.04817	-.00221
AUG	31	40829	.20667	.20247	-.017289	.002289	.04805	-.00206
SEP	1	40830	.20657	.19927	-.017066	.002427	.04779	-.00193
SEP	2	40831	.20647	.19597	-.016944	.002519	.04742	-.00186
SEP	3	40832	.20627	.19277	-.016881	.002533	.04701	-.00185
SEP	4	40833	.20607	.18947	-.016808	.002479	.04664	-.00190
SEP	5	40834	.20577	.18617	-.016640	.002366	.04638	-.00201
SEP	6	40835	.20547	.18287	-.016346	.002212	.04628	-.00214
SEP	7	40836	.20517	.17957	-.015890	.002056	.04634	-.00227
SEP	8	40837	.20477	.17627	-.015276	.001914	.04656	-.00237

SEP	9	40838	.20427	.17287	-.014559	.001847	.04689	-.00242
SEP	10	40839	.20387	.16957	-.013825	.001887	.04724	-.00240
SEP	11	40840	.20327	.16617	-.013198	.002060	.04755	-.00231
SEP	12	40841	.20277	.16287	-.012796	.002345	.04774	-.00218
SEP	13	40842	.20207	.15947	-.012728	.002706	.04778	-.00202
SEP	14	40843	.20147	.15607	-.013019	.003042	.04766	-.00187
SEP	15	40844	.20067	.15267	-.013591	.003267	.04740	-.00176
SEP	16	40845	.19997	.14927	-.014300	.003299	.04705	-.00170
SEP	17	40846	.19907	.14587	-.014947	.003146	.04669	-.00170
SEP	18	40847	.19817	.14257	-.015370	.002867	.04639	-.00177
SEP	19	40848	.19727	.13917	-.015487	.002560	.04623	-.00188
SEP	20	40849	.19627	.13577	-.015316	.002290	.04622	-.00201
SEP	21	40850	.19517	.13247	-.014930	.002128	.04639	-.00213
SEP	22	40851	.19407	.12917	-.014429	.002067	.04669	-.00221
SEP	23	40852	.19287	.12577	-.013907	.002104	.04708	-.00222
SEP	24	40853	.19167	.12247	-.013471	.002216	.04747	-.00218
SEP	25	40854	.19037	.11917	-.013164	.002368	.04778	-.00206
SEP	26	40855	.18897	.11597	-.013034	.002555	.04797	-.00191
SEP	27	40856	.18747	.11267	-.013092	.002731	.04800	-.00175
SEP	28	40857	.18597	.10947	-.013307	.002881	.04786	-.00160
SEP	29	40858	.18447	.10627	-.013647	.002971	.04760	-.00149
SEP	30	40859	.18277	.10317	-.014047	.002996	.04728	-.00145
OCT	1	40860	.18107	.09997	-.014425	.002939	.04697	-.00147
OCT	2	40861	.17927	.09687	-.014722	.002826	.04675	-.00155
OCT	3	40862	.17738	.09388	-.014881	.002665	.04668	-.00166
OCT	4	40863	.17548	.09088	-.014865	.002493	.04677	-.00178
OCT	5	40864	.17348	.08788	-.014683	.002318	.04703	-.00188
OCT	6	40865	.17138	.08498	-.014340	.002210	.04740	-.00193
OCT	7	40866	.16928	.08208	-.013953	.002205	.04783	-.00192
OCT	8	40867	.16708	.07928	-.013619	.002328	.04823	-.00184
OCT	9	40868	.16478	.07648	-.013458	.002568	.04855	-.00170
OCT	10	40869	.16238	.07378	-.013592	.002879	.04871	-.00153
OCT	11	40870	.15998	.07108	-.014052	.003226	.04871	-.00136
OCT	12	40871	.15748	.06848	-.014832	.003495	.04856	-.00122
OCT	13	40872	.15488	.06598	-.015813	.003630	.04830	-.00112
OCT	14	40873	.15228	.06358	-.016853	.003588	.04801	-.00109
OCT	15	40874	.14958	.06118	-.017757	.003390	.04775	-.00112
OCT	16	40875	.14678	.05878	-.018412	.003104	.04760	-.00121
OCT	17	40876	.14388	.05658	-.018776	.002820	.04761	-.00132
OCT	18	40877	.14098	.05438	-.018887	.002599	.04779	-.00143
OCT	19	40878	.13808	.05228	-.018841	.002499	.04811	-.00151
OCT	20	40879	.13508	.05028	-.018742	.002511	.04854	-.00153
OCT	21	40880	.13198	.04828	-.018692	.002600	.04899	-.00149
OCT	22	40881	.12888	.04638	-.018772	.002749	.04939	-.00138
OCT	23	40882	.12568	.04458	-.019020	.002919	.04968	-.00122
OCT	24	40883	.12248	.04278	-.019441	.003103	.04981	-.00104
OCT	25	40884	.11918	.04118	-.020020	.003249	.04977	-.00087
OCT	26	40885	.11598	.03948	-.020735	.003353	.04960	-.00073
OCT	27	40886	.11258	.03798	-.021527	.003409	.04934	-.00065
OCT	28	40887	.10928	.03648	-.022331	.003387	.04906	-.00064
OCT	29	40888	.10588	.03508	-.023097	.003306	.04885	-.00068
OCT	30	40889	.10248	.03368	-.023743	.003158	.04876	-.00077
OCT	31	40890	.09898	.03238	-.024221	.002987	.04884	-.00088

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NOV	22	40912	.02369	.00989	-.034612	.003187	.05216	.00029
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NOV	29	40919	.00119	.00429	-.037405	.002481	.05176	.00004
NOV	30	40920	-.00191	.00369	-.037243	.002402	.05218	.00002
DEC	1	40921	-.00501	.00299	-.037066	.002434	.05263	.00007
DEC	2	40922	-.00811	.00239	-.036970	.002583	.05302	.00018
DEC	3	40923	-.01121	.00189	-.037071	.002810	.05330	.00033
DEC	4	40924	-.01421	.00139	-.037420	.003078	.05341	.00051
DEC	5	40925	-.01721	.00099	-.038024	.003297	.05336	.00068
DEC	6	40926	-.02021	.00059	-.038802	.003420	.05316	.00082
DEC	7	40927	-.02321	.00029	-.039639	.003412	.05288	.00089
DEC	8	40928	-.02621	-.00001	-.040402	.003271	.05258	.00090
DEC	9	40929	-.02911	-.00021	-.040967	.003028	.05235	.00084
DEC	10	40930	-.03211	-.00031	-.041251	.002736	.05224	.00074
DEC	11	40931	-.03501	-.00031	-.041245	.002449	.05229	.00063
DEC	12	40932	-.03781	-.00031	-.040992	.002241	.05251	.00052
DEC	13	40933	-.04071	-.00021	-.040581	.002123	.05286	.00045
DEC	14	40934	-.04361	-.00001	-.040102	.002117	.05328	.00045
DEC	15	40935	-.04640	.00030	-.039642	.002184	.05370	.00051
DEC	16	40936	-.04930	.00060	-.039297	.002312	.05404	.00062
DEC	17	40937	-.05210	.00110	-.039090	.002456	.05425	.00078
DEC	18	40938	-.05490	.00160	-.039025	.002599	.05429	.00095
DEC	19	40939	-.05770	.00220	-.039087	.002718	.05416	.00109
DEC	20	40940	-.06050	.00280	-.039264	.002798	.05391	.00120
DEC	21	40941	-.06330	.00360	-.039483	.002820	.05360	.00124
DEC	22	40942	-.06610	.00440	-.039703	.002791	.05330	.00121
DEC	23	40943	-.06890	.00540	-.039855	.002695	.05308	.00112

DEC	24	40944	-.07160	.00640	-.039899	.002576	.05301	.00100
DEC	25	40945	-.07440	.00740	-.039820	.002436	.05310	.00087
DEC	26	40946	-.07720	.00860	-.039586	.002300	.05335	.00076
DEC	27	40947	-.07990	.00990	-.039250	.002225	.05372	.00070
DEC	28	40948	-.08270	.01120	-.038889	.002253	.05413	.00070
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DEC	31	40951	-.09100	.01560	-.038793	.002984	.05493	.00103