

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 ==> 1971								
JAN	1	40952	-.09370	.01730	-.039336	.003261	.05490	.00118
JAN	2	40953	-.09650	.01900	-.040112	.003437	.05471	.00130
JAN	3	40954	-.09920	.02080	-.040982	.003469	.05441	.00136
JAN	4	40955	-.10200	.02260	-.041812	.003349	.05408	.00136
JAN	5	40956	-.10480	.02450	-.042464	.003123	.05378	.00130
JAN	6	40957	-.10750	.02650	-.042861	.002849	.05360	.00118
JAN	7	40958	-.11020	.02860	-.042986	.002588	.05357	.00104
JAN	8	40959	-.11300	.03070	-.042878	.002379	.05370	.00089
JAN	9	40960	-.11570	.03290	-.042595	.002260	.05398	.00078
JAN	10	40961	-.11850	.03510	-.042252	.002251	.05436	.00072
JAN	11	40962	-.12120	.03740	-.041935	.002319	.05475	.00073
JAN	12	40963	-.12400	.03970	-.041729	.002447	.05510	.00079
JAN	13	40964	-.12670	.04210	-.041659	.002613	.05532	.00091
JAN	14	40965	-.12940	.04450	-.041764	.002765	.05539	.00104
JAN	15	40966	-.13220	.04700	-.041998	.002886	.05529	.00116
JAN	16	40967	-.13490	.04950	-.042339	.002958	.05505	.00125
JAN	17	40968	-.13760	.05210	-.042714	.002971	.05472	.00128
JAN	18	40969	-.14030	.05470	-.043081	.002933	.05438	.00124
JAN	19	40970	-.14300	.05730	-.043371	.002829	.05411	.00113
JAN	20	40971	-.14579	.06001	-.043534	.002682	.05396	.00098
JAN	21	40972	-.14849	.06271	-.043536	.002510	.05398	.00082
JAN	22	40973	-.15119	.06541	-.043365	.002342	.05416	.00066
JAN	23	40974	-.15389	.06811	-.043044	.002206	.05447	.00055
JAN	24	40975	-.15659	.07091	-.042634	.002165	.05486	.00049
JAN	25	40976	-.15929	.07371	-.042234	.002246	.05524	.00050
JAN	26	40977	-.16199	.07651	-.041979	.002445	.05555	.00057
JAN	27	40978	-.16459	.07941	-.041973	.002743	.05572	.00068
JAN	28	40979	-.16729	.08221	-.042279	.003041	.05572	.00079
JAN	29	40980	-.16989	.08511	-.042848	.003256	.05556	.00089
JAN	30	40981	-.17249	.08801	-.043560	.003317	.05528	.00094
JAN	31	40982	-.17509	.09091	-.044243	.003214	.05494	.00093
FEB	1	40983	-.17769	.09381	-.044740	.002962	.05461	.00085
FEB	2	40984	-.18029	.09681	-.044954	.002641	.05437	.00071
FEB	3	40985	-.18279	.09971	-.044845	.002338	.05428	.00053
FEB	4	40986	-.18529	.10271	-.044462	.002099	.05435	.00035
FEB	5	40987	-.18779	.10561	-.043885	.001955	.05458	.00019
FEB	6	40988	-.19019	.10861	-.043216	.001913	.05493	.00008
FEB	7	40989	-.19269	.11161	-.042560	.001970	.05532	.00003
FEB	8	40990	-.19499	.11461	-.041987	.002093	.05569	.00004

FEB	9	40991	-.19739	.11761	-.041570	.002244	.05595	.00011
FEB	10	40992	-.19969	.12071	-.041308	.002412	.05607	.00021
FEB	11	40993	-.20199	.12371	-.041205	.002556	.05602	.00031
FEB	12	40994	-.20419	.12681	-.041225	.002665	.05582	.00038
FEB	13	40995	-.20639	.12981	-.041314	.002704	.05551	.00039
FEB	14	40996	-.20849	.13291	-.041420	.002678	.05517	.00034
FEB	15	40997	-.21059	.13591	-.041479	.002593	.05487	.00023
FEB	16	40998	-.21259	.13901	-.041420	.002472	.05468	.00006
FEB	17	40999	-.21459	.14211	-.041224	.002304	.05464	-.00013
FEB	18	41000	-.21649	.14521	-.040847	.002144	.05477	-.00032
FEB	19	41001	-.21829	.14841	-.040330	.002022	.05505	-.00048
FEB	20	41002	-.22009	.15151	-.039723	.001956	.05543	-.00058
FEB	21	41003	-.22189	.15461	-.039098	.002006	.05583	-.00062
FEB	22	41004	-.22349	.15781	-.038597	.002183	.05617	-.00060
FEB	23	41005	-.22509	.16101	-.038324	.002477	.05640	-.00053
FEB	24	41006	-.22659	.16411	-.038381	.002840	.05646	-.00044
FEB	25	41007	-.22809	.16741	-.038793	.003169	.05636	-.00035
FEB	26	41008	-.22948	.17062	-.039486	.003381	.05612	-.00031
FEB	27	41009	-.23078	.17382	-.040301	.003406	.05580	-.00032
FEB	28	41010	-.23198	.17712	-.041056	.003260	.05547	-.00040
MAR	1	41011	-.23308	.18032	-.041600	.002995	.05521	-.00055
MAR	2	41012	-.23418	.18362	-.041848	.002702	.05507	-.00073
MAR	3	41013	-.23508	.18692	-.041823	.002463	.05510	-.00094
MAR	4	41014	-.23598	.19032	-.041617	.002335	.05530	-.00112
MAR	5	41015	-.23678	.19362	-.041351	.002320	.05562	-.00127
MAR	6	41016	-.23748	.19702	-.041100	.002394	.05602	-.00136
MAR	7	41017	-.23808	.20042	-.040972	.002550	.05641	-.00138
MAR	8	41018	-.23868	.20392	-.041024	.002739	.05673	-.00134
MAR	9	41019	-.23908	.20732	-.041264	.002942	.05691	-.00126
MAR	10	41020	-.23938	.21082	-.041723	.003133	.05692	-.00118
MAR	11	41021	-.23968	.21432	-.042347	.003286	.05678	-.00111
MAR	12	41022	-.23988	.21782	-.043097	.003383	.05651	-.00108
MAR	13	41023	-.23988	.22142	-.043901	.003405	.05618	-.00112
MAR	14	41024	-.23988	.22492	-.044696	.003354	.05587	-.00123
MAR	15	41025	-.23978	.22852	-.045411	.003250	.05565	-.00139
MAR	16	41026	-.23968	.23212	-.046005	.003104	.05557	-.00158
MAR	17	41027	-.23938	.23572	-.046447	.002961	.05566	-.00179
MAR	18	41028	-.23898	.23932	-.046743	.002828	.05591	-.00196
MAR	19	41029	-.23858	.24302	-.046931	.002739	.05627	-.00209
MAR	20	41030	-.23808	.24662	-.047069	.002735	.05668	-.00215
MAR	21	41031	-.23758	.25022	-.047260	.002854	.05706	-.00215
MAR	22	41032	-.23698	.25382	-.047626	.003081	.05733	-.00210
MAR	23	41033	-.23628	.25752	-.048270	.003407	.05746	-.00201
MAR	24	41034	-.23548	.26112	-.049247	.003743	.05742	-.00192
MAR	25	41035	-.23468	.26472	-.050552	.004016	.05723	-.00186
MAR	26	41036	-.23388	.26832	-.052037	.004123	.05693	-.00186
MAR	27	41037	-.23298	.27182	-.053544	.004039	.05660	-.00191
MAR	28	41038	-.23198	.27542	-.054879	.003789	.05631	-.00203
MAR	29	41039	-.23108	.27892	-.055903	.003445	.05613	-.00220
MAR	30	41040	-.23008	.28242	-.056583	.003113	.05611	-.00240
MAR	31	41041	-.22898	.28592	-.056979	.002880	.05625	-.00259
APR	1	41042	-.22798	.28942	-.057193	.002758	.05654	-.00275
APR	2	41043	-.22688	.29282	-.057354	.002751	.05692	-.00285

APR	3	41044	-.22578	.29612	-.057544	.002829	.05733	-.00288
APR	4	41045	-.22467	.29953	-.057848	.002956	.05767	-.00285
APR	5	41046	-.22347	.30283	-.058281	.003101	.05790	-.00277
APR	6	41047	-.22237	.30603	-.058866	.003240	.05796	-.00268
APR	7	41048	-.22117	.30923	-.059580	.003350	.05786	-.00259
APR	8	41049	-.22007	.31233	-.060369	.003411	.05762	-.00253
APR	9	41050	-.21887	.31543	-.061201	.003421	.05729	-.00254
APR	10	41051	-.21767	.31853	-.062000	.003357	.05696	-.00261
APR	11	41052	-.21647	.32153	-.062716	.003236	.05669	-.00274
APR	12	41053	-.21537	.32443	-.063279	.003076	.05655	-.00291
APR	13	41054	-.21417	.32733	-.063682	.002901	.05657	-.00310
APR	14	41055	-.21297	.33023	-.063915	.002750	.05676	-.00327
APR	15	41056	-.21177	.33303	-.064008	.002635	.05707	-.00340
APR	16	41057	-.21057	.33573	-.064021	.002596	.05745	-.00346
APR	17	41058	-.20937	.33843	-.064041	.002653	.05783	-.00346
APR	18	41059	-.20817	.34113	-.064173	.002806	.05813	-.00340
APR	19	41060	-.20697	.34373	-.064505	.003060	.05828	-.00331
APR	20	41061	-.20577	.34623	-.065126	.003359	.05827	-.00319
APR	21	41062	-.20447	.34883	-.066042	.003642	.05810	-.00310
APR	22	41063	-.20327	.35123	-.067185	.003821	.05780	-.00305
APR	23	41064	-.20197	.35373	-.068439	.003837	.05745	-.00307
APR	24	41065	-.20067	.35613	-.069630	.003690	.05711	-.00315
APR	25	41066	-.19937	.35853	-.070596	.003417	.05686	-.00328
APR	26	41067	-.19807	.36093	-.071261	.003103	.05675	-.00345
APR	27	41068	-.19667	.36333	-.071630	.002839	.05680	-.00362
APR	28	41069	-.19527	.36563	-.071795	.002695	.05702	-.00377
APR	29	41070	-.19387	.36793	-.071882	.002677	.05734	-.00386
APR	30	41071	-.19237	.37023	-.071993	.002752	.05770	-.00390
MAY	1	41072	-.19087	.37253	-.072226	.002901	.05804	-.00386
MAY	2	41073	-.18927	.37483	-.072622	.003074	.05826	-.00377
MAY	3	41074	-.18767	.37713	-.073192	.003242	.05834	-.00365
MAY	4	41075	-.18607	.37943	-.073908	.003374	.05825	-.00353
MAY	5	41076	-.18427	.38163	-.074745	.003473	.05800	-.00344
MAY	6	41077	-.18257	.38393	-.075644	.003506	.05764	-.00340
MAY	7	41078	-.18067	.38623	-.076546	.003478	.05726	-.00342
MAY	8	41079	-.17877	.38843	-.077391	.003382	.05691	-.00350
MAY	9	41080	-.17677	.39073	-.078116	.003252	.05667	-.00364
MAY	10	41081	-.17476	.39304	-.078689	.003090	.05659	-.00380
MAY	11	41082	-.17256	.39524	-.079109	.002934	.05667	-.00395
MAY	12	41083	-.17036	.39754	-.079390	.002817	.05689	-.00407
MAY	13	41084	-.16806	.39974	-.079574	.002759	.05721	-.00413
MAY	14	41085	-.16566	.40204	-.079756	.002803	.05754	-.00413
MAY	15	41086	-.16326	.40424	-.080034	.002937	.05781	-.00406
MAY	16	41087	-.16066	.40644	-.080488	.003154	.05796	-.00394
MAY	17	41088	-.15806	.40864	-.081177	.003417	.05794	-.00381
MAY	18	41089	-.15536	.41094	-.082128	.003660	.05776	-.00368
MAY	19	41090	-.15256	.41314	-.083292	.003831	.05743	-.00359
MAY	20	41091	-.14966	.41534	-.084567	.003866	.05702	-.00356
MAY	21	41092	-.14666	.41744	-.085802	.003761	.05661	-.00359
MAY	22	41093	-.14366	.41964	-.086853	.003515	.05625	-.00368
MAY	23	41094	-.14046	.42174	-.087627	.003195	.05603	-.00382
MAY	24	41095	-.13726	.42384	-.088067	.002894	.05597	-.00397
MAY	25	41096	-.13396	.42594	-.088241	.002662	.05606	-.00410

MAY	26	41097	-.13056	.42804	-.088242	.002550	.05629	-.00419
MAY	27	41098	-.12706	.43004	-.088191	.002544	.05658	-.00422
MAY	28	41099	-.12346	.43204	-.088186	.002631	.05686	-.00418
MAY	29	41100	-.11986	.43394	-.088274	.002747	.05706	-.00409
MAY	30	41101	-.11616	.43594	-.088491	.002873	.05712	-.00395
MAY	31	41102	-.11236	.43774	-.088822	.002973	.05701	-.00380
JUN	1	41103	-.10856	.43964	-.089243	.003040	.05674	-.00367
JUN	2	41104	-.10456	.44134	-.089694	.003044	.05634	-.00359
JUN	3	41105	-.10066	.44314	-.090130	.002998	.05589	-.00357
JUN	4	41106	-.09656	.44474	-.090492	.002896	.05545	-.00362
JUN	5	41107	-.09246	.44644	-.090716	.002747	.05510	-.00372
JUN	6	41108	-.08836	.44794	-.090786	.002571	.05489	-.00386
JUN	7	41109	-.08416	.44954	-.090676	.002402	.05485	-.00399
JUN	8	41110	-.07986	.45094	-.090410	.002252	.05496	-.00411
JUN	9	41111	-.07556	.45234	-.090022	.002175	.05518	-.00417
JUN	10	41112	-.07126	.45364	-.089591	.002179	.05545	-.00417
JUN	11	41113	-.06686	.45494	-.089225	.002286	.05568	-.00410
JUN	12	41114	-.06256	.45614	-.089012	.002481	.05580	-.00398
JUN	13	41115	-.05806	.45724	-.089023	.002726	.05577	-.00383
JUN	14	41116	-.05366	.45824	-.089269	.002961	.05557	-.00368
JUN	15	41117	-.04916	.45924	-.089731	.003127	.05522	-.00356
JUN	16	41118	-.04465	.46015	-.090305	.003179	.05476	-.00350
JUN	17	41119	-.04015	.46095	-.090864	.003097	.05427	-.00349
JUN	18	41120	-.03565	.46175	-.091278	.002895	.05383	-.00356
JUN	19	41121	-.03115	.46235	-.091448	.002618	.05349	-.00367
JUN	20	41122	-.02665	.46295	-.091330	.002329	.05331	-.00380
JUN	21	41123	-.02215	.46345	-.090944	.002103	.05329	-.00393
JUN	22	41124	-.01755	.46395	-.090379	.001967	.05342	-.00403
JUN	23	41125	-.01305	.46425	-.089727	.001946	.05364	-.00407
JUN	24	41126	-.00855	.46455	-.089124	.002033	.05387	-.00404
JUN	25	41127	-.00405	.46475	-.088631	.002176	.05405	-.00395
JUN	26	41128	.00045	.46485	-.088292	.002324	.05410	-.00381
JUN	27	41129	.00485	.46485	-.088102	.002460	.05399	-.00366
JUN	28	41130	.00935	.46485	-.088016	.002553	.05371	-.00351
JUN	29	41131	.01375	.46465	-.087997	.002589	.05329	-.00341
JUN	30	41132	.01825	.46445	-.087984	.002565	.05280	-.00336
JUL	1	41133	.02255	.46415	-.087929	.002495	.05229	-.00338
JUL	2	41134	.02695	.46375	-.087778	.002377	.05186	-.00346
JUL	3	41135	.03125	.46325	-.087491	.002227	.05155	-.00358
JUL	4	41136	.03555	.46265	-.087049	.002079	.05141	-.00371
JUL	5	41137	.03985	.46205	-.086464	.001939	.05143	-.00383
JUL	6	41138	.04405	.46135	-.085763	.001861	.05158	-.00391
JUL	7	41139	.04825	.46055	-.085022	.001866	.05180	-.00393
JUL	8	41140	.05245	.45965	-.084350	.001977	.05201	-.00388
JUL	9	41141	.05655	.45865	-.083841	.002202	.05214	-.00377
JUL	10	41142	.06065	.45765	-.083587	.002486	.05213	-.00362
JUL	11	41143	.06465	.45655	-.083636	.002786	.05195	-.00347
JUL	12	41144	.06865	.45535	-.083947	.003019	.05161	-.00334
JUL	13	41145	.07255	.45405	-.084453	.003129	.05115	-.00325
JUL	14	41146	.07645	.45275	-.084975	.003094	.05064	-.00322
JUL	15	41147	.08035	.45135	-.085407	.002922	.05014	-.00326
JUL	16	41148	.08415	.44985	-.085614	.002674	.04974	-.00336
JUL	17	41149	.08795	.44835	-.085561	.002412	.04949	-.00349

JUL	18	41150	.09175	.44685	-.085265	.002187	.04941	-.00363
JUL	19	41151	.09545	.44515	-.084784	.002050	.04948	-.00374
JUL	20	41152	.09905	.44355	-.084220	.002021	.04966	-.00380
JUL	21	41153	.10275	.44175	-.083668	.002081	.04988	-.00379
JUL	22	41154	.10636	.44006	-.083214	.002202	.05008	-.00373
JUL	23	41155	.10996	.43826	-.082892	.002353	.05017	-.00360
JUL	24	41156	.11346	.43636	-.082728	.002505	.05010	-.00345
JUL	25	41157	.11696	.43446	-.082698	.002607	.04988	-.00330
JUL	26	41158	.12046	.43256	-.082743	.002663	.04950	-.00319
JUL	27	41159	.12386	.43056	-.082813	.002645	.04902	-.00312
JUL	28	41160	.12736	.42856	-.082823	.002567	.04852	-.00312
JUL	29	41161	.13076	.42656	-.082749	.002448	.04806	-.00319
JUL	30	41162	.13406	.42456	-.082516	.002294	.04772	-.00330
JUL	31	41163	.13736	.42246	-.082133	.002118	.04754	-.00344
AUG	1	41164	.14066	.42036	-.081585	.001962	.04752	-.00357
AUG	2	41165	.14396	.41826	-.080889	.001845	.04765	-.00367
AUG	3	41166	.14726	.41616	-.080119	.001809	.04788	-.00371
AUG	4	41167	.15046	.41396	-.079350	.001862	.04812	-.00368
AUG	5	41168	.15356	.41176	-.078701	.002036	.04830	-.00360
AUG	6	41169	.15676	.40956	-.078274	.002314	.04837	-.00346
AUG	7	41170	.15986	.40736	-.078152	.002624	.04827	-.00331
AUG	8	41171	.16296	.40516	-.078329	.002905	.04801	-.00317
AUG	9	41172	.16596	.40286	-.078743	.003068	.04762	-.00307
AUG	10	41173	.16896	.40056	-.079229	.003067	.04715	-.00303
AUG	11	41174	.17186	.39826	-.079634	.002908	.04668	-.00305
AUG	12	41175	.17476	.39596	-.079820	.002644	.04628	-.00314
AUG	13	41176	.17766	.39366	-.079732	.002362	.04602	-.00326
AUG	14	41177	.18046	.39126	-.079380	.002125	.04592	-.00340
AUG	15	41178	.18316	.38886	-.078845	.001991	.04599	-.00353
AUG	16	41179	.18586	.38646	-.078218	.001967	.04619	-.00361
AUG	17	41180	.18846	.38406	-.077621	.002043	.04646	-.00363
AUG	18	41181	.19106	.38156	-.077141	.002196	.04673	-.00358
AUG	19	41182	.19356	.37906	-.076836	.002389	.04691	-.00348
AUG	20	41183	.19606	.37656	-.076729	.002586	.04696	-.00334
AUG	21	41184	.19846	.37396	-.076809	.002754	.04684	-.00318
AUG	22	41185	.20076	.37136	-.077041	.002871	.04657	-.00305
AUG	23	41186	.20296	.36876	-.077348	.002923	.04618	-.00297
AUG	24	41187	.20516	.36606	-.077685	.002911	.04573	-.00295
AUG	25	41188	.20726	.36336	-.077960	.002832	.04532	-.00300
AUG	26	41189	.20926	.36056	-.078156	.002724	.04500	-.00310
AUG	27	41190	.21116	.35776	-.078212	.002588	.04483	-.00323
AUG	28	41191	.21307	.35497	-.078154	.002458	.04483	-.00337
AUG	29	41192	.21477	.35207	-.077970	.002359	.04499	-.00348
AUG	30	41193	.21647	.34907	-.077712	.002317	.04527	-.00354
AUG	31	41194	.21807	.34607	-.077452	.002360	.04558	-.00353
SEP	1	41195	.21957	.34307	-.077286	.002497	.04587	-.00346
SEP	2	41196	.22107	.33997	-.077300	.002740	.04605	-.00334
SEP	3	41197	.22237	.33677	-.077600	.003047	.04609	-.00319
SEP	4	41198	.22367	.33357	-.078218	.003363	.04596	-.00304
SEP	5	41199	.22487	.33027	-.079119	.003599	.04568	-.00292
SEP	6	41200	.22597	.32697	-.080174	.003680	.04531	-.00285
SEP	7	41201	.22697	.32357	-.081218	.003569	.04491	-.00285
SEP	8	41202	.22787	.32017	-.082080	.003316	.04457	-.00291

SEP	9	41203	.22867	.31667	-.082646	.002990	.04434	-.00302
SEP	10	41204	.22947	.31317	-.082877	.002675	.04427	-.00316
SEP	11	41205	.23017	.30957	-.082846	.002451	.04437	-.00329
SEP	12	41206	.23077	.30597	-.082649	.002358	.04462	-.00338
SEP	13	41207	.23127	.30227	-.082420	.002379	.04496	-.00341
SEP	14	41208	.23177	.29857	-.082255	.002483	.04532	-.00338
SEP	15	41209	.23207	.29487	-.082222	.002634	.04563	-.00328
SEP	16	41210	.23237	.29107	-.082347	.002796	.04581	-.00314
SEP	17	41211	.23257	.28727	-.082627	.002949	.04583	-.00298
SEP	18	41212	.23277	.28337	-.083039	.003059	.04569	-.00283
SEP	19	41213	.23287	.27947	-.083544	.003120	.04542	-.00273
SEP	20	41214	.23287	.27557	-.084078	.003117	.04508	-.00267
SEP	21	41215	.23277	.27167	-.084568	.003053	.04473	-.00269
SEP	22	41216	.23267	.26767	-.084979	.002953	.04446	-.00276
SEP	23	41217	.23247	.26377	-.085275	.002828	.04433	-.00288
SEP	24	41218	.23217	.25977	-.085445	.002704	.04436	-.00301
SEP	25	41219	.23187	.25577	-.085500	.002615	.04456	-.00312
SEP	26	41220	.23147	.25177	-.085500	.002575	.04489	-.00318
SEP	27	41221	.23107	.24787	-.085493	.002606	.04528	-.00319
SEP	28	41222	.23057	.24387	-.085562	.002728	.04567	-.00313
SEP	29	41223	.23007	.23987	-.085793	.002940	.04598	-.00301
SEP	30	41224	.22947	.23597	-.086292	.003250	.04615	-.00285
OCT	1	41225	.22887	.23197	-.087127	.003604	.04616	-.00268
OCT	2	41226	.22817	.22807	-.088300	.003919	.04600	-.00254
OCT	3	41227	.22748	.22418	-.089729	.004115	.04574	-.00244
OCT	4	41228	.22668	.22028	-.091292	.004150	.04542	-.00240
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OCT	6	41230	.22498	.21248	-.094063	.003719	.04494	-.00251
OCT	7	41231	.22408	.20868	-.095035	.003408	.04489	-.00263
OCT	8	41232	.22318	.20488	-.095711	.003159	.04502	-.00274
OCT	9	41233	.22218	.20108	-.096194	.003020	.04530	-.00283
OCT	10	41234	.22118	.19728	-.096604	.003001	.04569	-.00287
OCT	11	41235	.22008	.19358	-.097050	.003085	.04613	-.00285
OCT	12	41236	.21908	.18988	-.097612	.003225	.04653	-.00275
OCT	13	41237	.21788	.18618	-.098325	.003391	.04682	-.00261
OCT	14	41238	.21678	.18258	-.099198	.003532	.04697	-.00244
OCT	15	41239	.21558	.17898	-.100196	.003635	.04695	-.00227
OCT	16	41240	.21438	.17538	-.101262	.003678	.04678	-.00213
OCT	17	41241	.21308	.17188	-.102351	.003680	.04651	-.00204
OCT	18	41242	.21188	.16838	-.103412	.003612	.04622	-.00202
OCT	19	41243	.21058	.16498	-.104378	.003503	.04598	-.00206
OCT	20	41244	.20918	.16148	-.105218	.003363	.04586	-.00215
OCT	21	41245	.20788	.15818	-.105911	.003217	.04589	-.00226
OCT	22	41246	.20648	.15478	-.106477	.003089	.04609	-.00236
OCT	23	41247	.20508	.15148	-.106924	.003005	.04644	-.00243
OCT	24	41248	.20368	.14828	-.107318	.002986	.04688	-.00244
OCT	25	41249	.20218	.14508	-.107731	.003047	.04733	-.00238
OCT	26	41250	.20078	.14198	-.108261	.003207	.04772	-.00227
OCT	27	41251	.19928	.13888	-.108983	.003438	.04798	-.00210
OCT	28	41252	.19778	.13578	-.109967	.003725	.04809	-.00192
OCT	29	41253	.19628	.13278	-.111245	.004017	.04803	-.00175
OCT	30	41254	.19468	.12988	-.112799	.004246	.04783	-.00162
OCT	31	41255	.19318	.12698	-.114514	.004348	.04756	-.00155

NOV	1	41256	.19158	.12418	-.116248	.004285	.04729	-.00154
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NOV	11	41266	.17429	.09869	-.126232	.003825	.04932	-.00133
NOV	12	41267	.17249	.09639	-.127488	.003871	.04921	-.00117
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NOV	18	41273	.16039	.08369	-.133656	.003165	.04844	-.00129
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NOV	22	41277	.15159	.07599	-.135262	.003021	.05003	-.00125
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NOV	25	41280	.14459	.07059	-.137375	.003608	.05048	-.00074
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NOV	28	41283	.13719	.06529	-.141042	.003849	.04976	-.00048
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NOV	30	41285	.13199	.06179	-.143190	.003413	.04940	-.00060
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DEC	2	41287	.12669	.05849	-.144248	.002869	.04963	-.00081
DEC	3	41288	.12399	.05679	-.144449	.002734	.04996	-.00088
DEC	4	41289	.12119	.05509	-.144580	.002728	.05039	-.00089
DEC	5	41290	.11839	.05349	-.144768	.002832	.05082	-.00084
DEC	6	41291	.11549	.05189	-.145080	.002985	.05120	-.00072
DEC	7	41292	.11259	.05029	-.145538	.003125	.05144	-.00056
DEC	8	41293	.10969	.04869	-.146137	.003236	.05152	-.00038
DEC	9	41294	.10669	.04709	-.146801	.003282	.05143	-.00022
DEC	10	41295	.10369	.04549	-.147501	.003278	.05121	-.00010
DEC	11	41296	.10069	.04399	-.148158	.003218	.05092	-.00004
DEC	12	41297	.09759	.04239	-.148731	.003099	.05062	-.00004
DEC	13	41298	.09449	.04089	-.149163	.002952	.05039	-.00011
DEC	14	41299	.09129	.03949	-.149438	.002777	.05030	-.00022
DEC	15	41300	.08810	.03800	-.149538	.002617	.05037	-.00034
DEC	16	41301	.08490	.03660	-.149483	.002480	.05061	-.00044
DEC	17	41302	.08170	.03520	-.149336	.002408	.05097	-.00050
DEC	18	41303	.07840	.03380	-.149144	.002403	.05138	-.00050
DEC	19	41304	.07510	.03250	-.148990	.002492	.05179	-.00044
DEC	20	41305	.07180	.03120	-.148965	.002662	.05210	-.00032
DEC	21	41306	.06840	.02990	-.149151	.002885	.05228	-.00016
DEC	22	41307	.06510	.02870	-.149558	.003119	.05228	.00000
DEC	23	41308	.06170	.02750	-.150185	.003313	.05213	.00014

DEC	24	41309	.05820	.02630	-.150966	.003420	.05186	.00023
DEC	25	41310	.05480	.02520	-.151796	.003410	.05153	.00026
DEC	26	41311	.05130	.02420	-.152556	.003280	.05124	.00021
DEC	27	41312	.04790	.02310	-.153144	.003067	.05103	.00012
DEC	28	41313	.04440	.02210	-.153495	.002814	.05098	-.00001
DEC	29	41314	.04090	.02120	-.153599	.002586	.05109	-.00015
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DEC	31	41316	.03390	.01950	-.153359	.002441	.05172	-.00031