

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	
(0h UTC)		"	"	s	s	"	"	
YEAR ==> 1974								
JAN	1	42048	.11350	.23010	.699300	.002861	.04450	-.00147
JAN	2	42049	.11340	.22850	.696455	.002830	.04422	-.00154
JAN	3	42050	.11320	.22680	.693669	.002735	.04404	-.00166
JAN	4	42051	.11290	.22520	.690997	.002606	.04403	-.00180
JAN	5	42052	.11260	.22360	.688456	.002482	.04418	-.00194
JAN	6	42053	.11220	.22200	.686015	.002401	.04447	-.00204
JAN	7	42054	.11180	.22040	.683613	.002414	.04485	-.00209
JAN	8	42055	.11130	.21880	.681151	.002525	.04524	-.00207
JAN	9	42056	.11070	.21730	.678537	.002712	.04557	-.00199
JAN	10	42057	.11020	.21570	.675724	.002909	.04577	-.00187
JAN	11	42058	.10950	.21420	.672740	.003034	.04580	-.00173
JAN	12	42059	.10880	.21270	.669683	.003059	.04568	-.00160
JAN	13	42060	.10810	.21120	.666671	.002956	.04541	-.00152
JAN	14	42061	.10740	.20970	.663801	.002764	.04507	-.00150
JAN	15	42062	.10660	.20830	.661148	.002538	.04473	-.00154
JAN	16	42063	.10580	.20690	.658733	.002311	.04447	-.00165
JAN	17	42064	.10490	.20540	.656524	.002113	.04434	-.00180
JAN	18	42065	.10400	.20400	.654493	.001979	.04437	-.00196
JAN	19	42066	.10310	.20270	.652559	.001899	.04456	-.00210
JAN	20	42067	.10221	.20131	.650676	.001878	.04488	-.00221
JAN	21	42068	.10131	.20001	.648782	.001927	.04527	-.00225
JAN	22	42069	.10031	.19861	.646804	.002036	.04564	-.00223
JAN	23	42070	.09941	.19731	.644689	.002190	.04592	-.00215
JAN	24	42071	.09841	.19601	.642420	.002359	.04606	-.00203
JAN	25	42072	.09751	.19481	.639974	.002532	.04603	-.00191
JAN	26	42073	.09651	.19351	.637375	.002680	.04585	-.00182
JAN	27	42074	.09561	.19231	.634637	.002807	.04555	-.00177
JAN	28	42075	.09471	.19111	.631777	.002884	.04520	-.00179
JAN	29	42076	.09381	.19001	.628879	.002895	.04487	-.00187
JAN	30	42077	.09291	.18881	.626005	.002836	.04464	-.00201
JAN	31	42078	.09201	.18771	.623207	.002755	.04456	-.00219
FEB	1	42079	.09111	.18661	.620506	.002660	.04465	-.00236
FEB	2	42080	.09031	.18561	.617875	.002582	.04489	-.00251
FEB	3	42081	.08951	.18451	.615306	.002572	.04524	-.00261
FEB	4	42082	.08871	.18351	.612697	.002663	.04562	-.00265
FEB	5	42083	.08791	.18261	.609958	.002839	.04597	-.00262
FEB	6	42084	.08711	.18161	.607004	.003073	.04621	-.00255
FEB	7	42085	.08641	.18071	.603829	.003276	.04630	-.00244
FEB	8	42086	.08571	.17981	.600482	.003399	.04622	-.00234

FEB	9	42087	.08501	.17901	.597083	.003386	.04599	-.00228
FEB	10	42088	.08431	.17811	.593751	.003262	.04566	-.00227
FEB	11	42089	.08361	.17731	.590585	.003060	.04531	-.00232
FEB	12	42090	.08291	.17661	.587639	.002832	.04502	-.00244
FEB	13	42091	.08231	.17581	.584913	.002624	.04484	-.00261
FEB	14	42092	.08161	.17511	.582385	.002463	.04482	-.00280
FEB	15	42093	.08091	.17431	.579980	.002358	.04496	-.00298
FEB	16	42094	.08021	.17371	.577648	.002314	.04525	-.00313
FEB	17	42095	.07951	.17301	.575332	.002340	.04562	-.00322
FEB	18	42096	.07881	.17231	.572960	.002411	.04601	-.00325
FEB	19	42097	.07811	.17171	.570495	.002524	.04633	-.00322
FEB	20	42098	.07741	.17111	.567893	.002672	.04653	-.00314
FEB	21	42099	.07661	.17051	.565160	.002812	.04656	-.00304
FEB	22	42100	.07591	.16991	.562275	.002932	.04643	-.00296
FEB	23	42101	.07511	.16931	.559299	.003024	.04617	-.00292
FEB	24	42102	.07421	.16881	.556245	.003063	.04584	-.00294
FEB	25	42103	.07341	.16831	.553193	.003042	.04550	-.00303
FEB	26	42104	.07252	.16782	.550191	.002965	.04524	-.00318
FEB	27	42105	.07162	.16732	.547285	.002850	.04512	-.00337
FEB	28	42106	.07062	.16692	.544493	.002726	.04516	-.00357
MAR	1	42107	.06962	.16652	.541814	.002641	.04537	-.00375
MAR	2	42108	.06862	.16612	.539190	.002619	.04570	-.00389
MAR	3	42109	.06762	.16572	.536545	.002688	.04609	-.00397
MAR	4	42110	.06652	.16542	.533782	.002861	.04647	-.00398
MAR	5	42111	.06542	.16512	.530810	.003093	.04676	-.00393
MAR	6	42112	.06422	.16492	.527581	.003351	.04691	-.00385
MAR	7	42113	.06312	.16472	.524124	.003560	.04690	-.00376
MAR	8	42114	.06192	.16462	.520496	.003666	.04672	-.00369
MAR	9	42115	.06072	.16452	.516824	.003646	.04644	-.00368
MAR	10	42116	.05952	.16442	.513239	.003520	.04610	-.00372
MAR	11	42117	.05822	.16442	.509805	.003332	.04579	-.00384
MAR	12	42118	.05702	.16452	.506576	.003128	.04557	-.00400
MAR	13	42119	.05572	.16472	.503537	.002959	.04551	-.00420
MAR	14	42120	.05452	.16482	.500649	.002837	.04562	-.00440
MAR	15	42121	.05322	.16512	.497852	.002768	.04587	-.00457
MAR	16	42122	.05202	.16542	.495083	.002760	.04624	-.00469
MAR	17	42123	.05082	.16582	.492303	.002809	.04664	-.00474
MAR	18	42124	.04962	.16622	.489450	.002894	.04700	-.00473
MAR	19	42125	.04842	.16662	.486503	.003002	.04725	-.00467
MAR	20	42126	.04732	.16722	.483432	.003132	.04735	-.00458
MAR	21	42127	.04612	.16772	.480243	.003242	.04728	-.00450
MAR	22	42128	.04502	.16832	.476957	.003333	.04706	-.00444
MAR	23	42129	.04402	.16902	.473604	.003365	.04675	-.00445
MAR	24	42130	.04292	.16972	.470256	.003328	.04641	-.00451
MAR	25	42131	.04192	.17042	.466959	.003237	.04613	-.00464
MAR	26	42132	.04102	.17122	.463789	.003097	.04596	-.00482
MAR	27	42133	.04002	.17202	.460772	.002936	.04596	-.00501
MAR	28	42134	.03922	.17282	.457911	.002792	.04612	-.00520
MAR	29	42135	.03832	.17362	.455169	.002704	.04642	-.00535
MAR	30	42136	.03752	.17442	.452486	.002689	.04680	-.00545
MAR	31	42137	.03672	.17522	.449752	.002772	.04719	-.00547
APR	1	42138	.03602	.17602	.446908	.002926	.04752	-.00543
APR	2	42139	.03522	.17682	.443891	.003101	.04772	-.00535

APR	3	42140	.03463	.17763	.440711	.003267	.04776	-.00526
APR	4	42141	.03393	.17843	.437389	.003363	.04763	-.00517
APR	5	42142	.03333	.17913	.434010	.003376	.04736	-.00513
APR	6	42143	.03273	.17983	.430673	.003290	.04703	-.00514
APR	7	42144	.03213	.18053	.427467	.003124	.04669	-.00522
APR	8	42145	.03163	.18123	.424439	.002931	.04644	-.00536
APR	9	42146	.03113	.18183	.421601	.002760	.04631	-.00554
APR	10	42147	.03063	.18233	.418912	.002636	.04635	-.00572
APR	11	42148	.03013	.18293	.416299	.002593	.04655	-.00589
APR	12	42149	.02963	.18333	.413704	.002635	.04688	-.00601
APR	13	42150	.02913	.18383	.411009	.002734	.04726	-.00607
APR	14	42151	.02863	.18423	.408221	.002871	.04763	-.00607
APR	15	42152	.02823	.18453	.405266	.003034	.04790	-.00600
APR	16	42153	.02773	.18483	.402147	.003215	.04804	-.00590
APR	17	42154	.02723	.18503	.398835	.003407	.04800	-.00579
APR	18	42155	.02673	.18523	.395330	.003578	.04781	-.00571
APR	19	42156	.02623	.18543	.391692	.003692	.04749	-.00567
APR	20	42157	.02573	.18553	.387975	.003743	.04713	-.00569
APR	21	42158	.02513	.18553	.384227	.003732	.04680	-.00578
APR	22	42159	.02463	.18563	.380530	.003655	.04656	-.00592
APR	23	42160	.02403	.18563	.376921	.003540	.04647	-.00609
APR	24	42161	.02343	.18553	.373449	.003416	.04655	-.00627
APR	25	42162	.02283	.18543	.370083	.003317	.04678	-.00641
APR	26	42163	.02223	.18533	.366779	.003306	.04711	-.00650
APR	27	42164	.02153	.18523	.363451	.003354	.04747	-.00652
APR	28	42165	.02083	.18503	.360047	.003473	.04779	-.00648
APR	29	42166	.02013	.18493	.356494	.003636	.04800	-.00639
APR	30	42167	.01943	.18473	.352780	.003776	.04805	-.00627
MAY	1	42168	.01863	.18453	.348962	.003860	.04794	-.00615
MAY	2	42169	.01783	.18433	.345098	.003852	.04767	-.00606
MAY	3	42170	.01703	.18403	.341289	.003752	.04731	-.00603
MAY	4	42171	.01623	.18383	.337612	.003583	.04692	-.00607
MAY	5	42172	.01533	.18363	.334140	.003356	.04658	-.00616
MAY	6	42173	.01443	.18343	.330901	.003132	.04636	-.00630
MAY	7	42174	.01353	.18313	.327876	.002928	.04630	-.00646
MAY	8	42175	.01263	.18293	.325028	.002787	.04641	-.00662
MAY	9	42176	.01173	.18273	.322280	.002711	.04664	-.00673
MAY	10	42177	.01074	.18254	.319577	.002694	.04696	-.00678
MAY	11	42178	.00984	.18234	.316865	.002738	.04729	-.00677
MAY	12	42179	.00884	.18214	.314089	.002818	.04755	-.00670
MAY	13	42180	.00794	.18194	.311231	.002920	.04768	-.00658
MAY	14	42181	.00694	.18184	.308258	.003025	.04764	-.00644
MAY	15	42182	.00604	.18164	.305175	.003118	.04743	-.00632
MAY	16	42183	.00504	.18154	.302023	.003191	.04709	-.00624
MAY	17	42184	.00414	.18134	.298816	.003222	.04668	-.00621
MAY	18	42185	.00324	.18124	.295595	.003200	.04627	-.00626
MAY	19	42186	.00224	.18114	.292423	.003123	.04593	-.00636
MAY	20	42187	.00134	.18114	.289364	.003001	.04573	-.00650
MAY	21	42188	.00054	.18104	.286437	.002862	.04569	-.00665
MAY	22	42189	-.00036	.18104	.283640	.002749	.04580	-.00678
MAY	23	42190	-.00116	.18094	.280917	.002704	.04604	-.00686
MAY	24	42191	-.00196	.18104	.278202	.002751	.04634	-.00688
MAY	25	42192	-.00276	.18104	.275395	.002872	.04661	-.00684

MAY	26	42193	-.00356	.18104	.272444	.003036	.04680	-.00673
MAY	27	42194	-.00426	.18114	.269329	.003188	.04683	-.00659
MAY	28	42195	-.00496	.18124	.266087	.003282	.04670	-.00645
MAY	29	42196	-.00556	.18134	.262803	.003280	.04641	-.00633
MAY	30	42197	-.00616	.18154	.259557	.003190	.04600	-.00625
MAY	31	42198	-.00676	.18174	.256438	.003029	.04554	-.00624
JUN	1	42199	-.00726	.18194	.253504	.002824	.04511	-.00630
JUN	2	42200	-.00766	.18214	.250792	.002598	.04478	-.00641
JUN	3	42201	-.00806	.18244	.248290	.002402	.04459	-.00654
JUN	4	42202	-.00836	.18274	.245983	.002230	.04457	-.00668
JUN	5	42203	-.00866	.18304	.243800	.002128	.04470	-.00679
JUN	6	42204	-.00886	.18334	.241697	.002087	.04493	-.00684
JUN	7	42205	-.00896	.18374	.239618	.002089	.04520	-.00683
JUN	8	42206	-.00906	.18404	.237506	.002141	.04541	-.00676
JUN	9	42207	-.00906	.18454	.235328	.002216	.04552	-.00663
JUN	10	42208	-.00896	.18494	.233081	.002287	.04546	-.00648
JUN	11	42209	-.00876	.18534	.230746	.002368	.04524	-.00633
JUN	12	42210	-.00846	.18584	.228354	.002413	.04487	-.00622
JUN	13	42211	-.00816	.18634	.225923	.002442	.04440	-.00616
JUN	14	42212	-.00776	.18684	.223495	.002416	.04391	-.00617
JUN	15	42213	-.00725	.18735	.221108	.002352	.04348	-.00623
JUN	16	42214	-.00675	.18795	.218806	.002254	.04316	-.00635
JUN	17	42215	-.00605	.18845	.216609	.002130	.04300	-.00648
JUN	18	42216	-.00545	.18905	.214544	.002013	.04300	-.00661
JUN	19	42217	-.00465	.18965	.212575	.001948	.04314	-.00670
JUN	20	42218	-.00385	.19025	.210630	.001969	.04336	-.00673
JUN	21	42219	-.00295	.19085	.208615	.002085	.04359	-.00669
JUN	22	42220	-.00235	.19145	.206447	.002259	.04375	-.00659
JUN	23	42221	-.00175	.19215	.204085	.002461	.04378	-.00645
JUN	24	42222	-.00105	.19285	.201552	.002598	.04364	-.00629
JUN	25	42223	-.00035	.19345	.198921	.002637	.04334	-.00615
JUN	26	42224	.00025	.19415	.196314	.002569	.04290	-.00605
JUN	27	42225	.00095	.19485	.193820	.002417	.04240	-.00601
JUN	28	42226	.00155	.19555	.191495	.002219	.04189	-.00604
JUN	29	42227	.00215	.19635	.189376	.002023	.04147	-.00612
JUN	30	42228	.00275	.19705	.187443	.001838	.04118	-.00625
JUL	1	42229	.00335	.19775	.185675	.001706	.04106	-.00638
JUL	2	42230	.00385	.19845	.184022	.001629	.04109	-.00649
JUL	3	42231	.00425	.19925	.182408	.001611	.04125	-.00656
JUL	4	42232	.00465	.19995	.180781	.001650	.04147	-.00657
JUL	5	42233	.00505	.20075	.179092	.001734	.04166	-.00651
JUL	6	42234	.00535	.20145	.177294	.001855	.04177	-.00639
JUL	7	42235	.00575	.20215	.175379	.001975	.04173	-.00624
JUL	8	42236	.00615	.20295	.173337	.002086	.04152	-.00609
JUL	9	42237	.00655	.20365	.171205	.002172	.04115	-.00596
JUL	10	42238	.00695	.20435	.168994	.002223	.04068	-.00588
JUL	11	42239	.00735	.20495	.166763	.002233	.04015	-.00586
JUL	12	42240	.00765	.20555	.164553	.002179	.03966	-.00591
JUL	13	42241	.00795	.20615	.162407	.002096	.03927	-.00601
JUL	14	42242	.00815	.20665	.160370	.001975	.03903	-.00614
JUL	15	42243	.00825	.20705	.158457	.001852	.03896	-.00627
JUL	16	42244	.00835	.20735	.156655	.001761	.03904	-.00637
JUL	17	42245	.00845	.20765	.154921	.001732	.03923	-.00642

JUL	18	42246	.00855	.20785	.153159	.001809	.03944	-.00641
JUL	19	42247	.00855	.20795	.151263	.001974	.03961	-.00633
JUL	20	42248	.00855	.20795	.149187	.002182	.03968	-.00620
JUL	21	42249	.00855	.20795	.146909	.002363	.03958	-.00605
JUL	22	42250	.00856	.20796	.144501	.002444	.03932	-.00590
JUL	23	42251	.00856	.20796	.142053	.002429	.03892	-.00579
JUL	24	42252	.00856	.20796	.139690	.002300	.03842	-.00573
JUL	25	42253	.00856	.20796	.137487	.002098	.03791	-.00573
JUL	26	42254	.00856	.20796	.135491	.001895	.03745	-.00580
JUL	27	42255	.00856	.20796	.133689	.001714	.03712	-.00592
JUL	28	42256	.00856	.20796	.132037	.001591	.03695	-.00606
JUL	29	42257	.00856	.20796	.130498	.001516	.03694	-.00619
JUL	30	42258	.00856	.20796	.128984	.001511	.03708	-.00627
JUL	31	42259	.00856	.20796	.127446	.001574	.03730	-.00631
AUG	1	42260	.00856	.20796	.125821	.001684	.03752	-.00627
AUG	2	42261	.00856	.20796	.124066	.001819	.03768	-.00617
AUG	3	42262	.00856	.20796	.122169	.001978	.03771	-.00604
AUG	4	42263	.00856	.20796	.120112	.002132	.03758	-.00588
AUG	5	42264	.00856	.20796	.117921	.002264	.03729	-.00574
AUG	6	42265	.00856	.20796	.115606	.002350	.03687	-.00565
AUG	7	42266	.00856	.20796	.113236	.002394	.03638	-.00561
AUG	8	42267	.00856	.20796	.110832	.002404	.03590	-.00565
AUG	9	42268	.00856	.20796	.108450	.002355	.03550	-.00574
AUG	10	42269	.00856	.20796	.106121	.002279	.03525	-.00586
AUG	11	42270	.00856	.20796	.103885	.002185	.03516	-.00600
AUG	12	42271	.00856	.20796	.101743	.002114	.03524	-.00612
AUG	13	42272	.00856	.20796	.099638	.002098	.03544	-.00619
AUG	14	42273	.00856	.20796	.097519	.002157	.03569	-.00620
AUG	15	42274	.00856	.20796	.095284	.002319	.03594	-.00615
AUG	16	42275	.00856	.20796	.092858	.002541	.03609	-.00603
AUG	17	42276	.00856	.20796	.090196	.002778	.03610	-.00589
AUG	18	42277	.00856	.20796	.087321	.002958	.03594	-.00574
AUG	19	42278	.00856	.20796	.084319	.003024	.03563	-.00561
AUG	20	42279	.00856	.20796	.081319	.002955	.03522	-.00553
AUG	21	42280	.00856	.20796	.078455	.002766	.03476	-.00552
AUG	22	42281	.00856	.20796	.075795	.002531	.03434	-.00557
AUG	23	42282	.00856	.20796	.073383	.002299	.03402	-.00568
AUG	24	42283	.00856	.20796	.071191	.002102	.03386	-.00581
AUG	25	42284	.00856	.20796	.069155	.001980	.03387	-.00595
AUG	26	42285	.00856	.20796	.067210	.001922	.03403	-.00605
AUG	27	42286	.00857	.20797	.065300	.001915	.03430	-.00610
AUG	28	42287	.00857	.20797	.063363	.001959	.03460	-.00609
AUG	29	42288	.00857	.20797	.061369	.002042	.03486	-.00601
AUG	30	42289	.00857	.20797	.059281	.002147	.03501	-.00588
AUG	31	42290	.00857	.20797	.057085	.002254	.03500	-.00573
SEP	1	42291	.00857	.20797	.054780	.002353	.03483	-.00558
SEP	2	42292	.00857	.20797	.052390	.002420	.03453	-.00546
SEP	3	42293	.00857	.20797	.049954	.002444	.03413	-.00541
SEP	4	42294	.00857	.20797	.047508	.002432	.03372	-.00541
SEP	5	42295	.00857	.20797	.045105	.002377	.03337	-.00548
SEP	6	42296	.00857	.20797	.042764	.002300	.03314	-.00560
SEP	7	42297	.00857	.20797	.040500	.002221	.03308	-.00573
SEP	8	42298	.00857	.20797	.038318	.002147	.03319	-.00586

SEP	9	42299	.00857	.20797	.036191	.002129	.03344	-.00594
SEP	10	42300	.00857	.20807	.034037	.002183	.03377	-.00596
SEP	11	42301	.00857	.20817	.031786	.002333	.03411	-.00592
SEP	12	42302	.00857	.20827	.029345	.002551	.03438	-.00582
SEP	13	42303	.00837	.20837	.026660	.002821	.03453	-.00568
SEP	14	42304	.00817	.20847	.023717	.003066	.03451	-.00552
SEP	15	42305	.00807	.20867	.020553	.003243	.03434	-.00537
SEP	16	42306	.00787	.20877	.017281	.003278	.03403	-.00527
SEP	17	42307	.00767	.20897	.014039	.003186	.03367	-.00523
SEP	18	42308	.00747	.20927	.010930	.003002	.03331	-.00525
SEP	19	42309	.00727	.20967	.008037	.002773	.03304	-.00533
SEP	20	42310	.00697	.21027	.005366	.002567	.03291	-.00545
SEP	21	42311	.00667	.21087	.002884	.002419	.03295	-.00558
SEP	22	42312	.00627	.21147	.000504	.002343	.03316	-.00568
SEP	23	42313	.00587	.21217	-.001825	.002323	.03349	-.00574
SEP	24	42314	.00547	.21297	-.004162	.002359	.03387	-.00574
SEP	25	42315	.00497	.21367	-.006556	.002436	.03424	-.00567
SEP	26	42316	.00437	.21447	-.009043	.002541	.03451	-.00554
SEP	27	42317	.00387	.21537	-.011652	.002666	.03465	-.00538
SEP	28	42318	.00327	.21617	-.014361	.002771	.03462	-.00521
SEP	29	42319	.00257	.21707	-.017185	.002860	.03443	-.00507
SEP	30	42320	.00197	.21787	-.020079	.002920	.03414	-.00498
OCT	1	42321	.00127	.21877	-.023010	.002923	.03381	-.00495
OCT	2	42322	.00057	.21967	-.025920	.002891	.03351	-.00499
OCT	3	42323	-.00022	.22058	-.028778	.002820	.03332	-.00508
OCT	4	42324	-.00092	.22148	-.031552	.002738	.03329	-.00520
OCT	5	42325	-.00172	.22228	-.034245	.002652	.03342	-.00531
OCT	6	42326	-.00252	.22318	-.036879	.002613	.03371	-.00540
OCT	7	42327	-.00332	.22408	-.039505	.002640	.03410	-.00543
OCT	8	42328	-.00412	.22488	-.042196	.002745	.03452	-.00539
OCT	9	42329	-.00492	.22578	-.045019	.002924	.03490	-.00529
OCT	10	42330	-.00572	.22658	-.048060	.003153	.03516	-.00514
OCT	11	42331	-.00652	.22738	-.051338	.003389	.03527	-.00497
OCT	12	42332	-.00732	.22818	-.054813	.003570	.03522	-.00480
OCT	13	42333	-.00812	.22898	-.058439	.003662	.03502	-.00467
OCT	14	42334	-.00892	.22978	-.062099	.003631	.03473	-.00459
OCT	15	42335	-.00962	.23048	-.065675	.003506	.03443	-.00458
OCT	16	42336	-.01042	.23118	-.069080	.003297	.03419	-.00462
OCT	17	42337	-.01112	.23198	-.072276	.003078	.03408	-.00472
OCT	18	42338	-.01192	.23268	-.075260	.002897	.03413	-.00483
OCT	19	42339	-.01262	.23338	-.078084	.002762	.03434	-.00493
OCT	20	42340	-.01332	.23398	-.080808	.002698	.03469	-.00499
OCT	21	42341	-.01402	.23468	-.083500	.002695	.03513	-.00499
OCT	22	42342	-.01472	.23528	-.086203	.002737	.03556	-.00493
OCT	23	42343	-.01542	.23598	-.088974	.002800	.03593	-.00480
OCT	24	42344	-.01602	.23658	-.091807	.002878	.03616	-.00463
OCT	25	42345	-.01672	.23718	-.094719	.002953	.03624	-.00445
OCT	26	42346	-.01732	.23778	-.097708	.003020	.03615	-.00428
OCT	27	42347	-.01792	.23838	-.100738	.003054	.03593	-.00416
OCT	28	42348	-.01862	.23898	-.103801	.003056	.03565	-.00409
OCT	29	42349	-.01922	.23948	-.106836	.003013	.03537	-.00410
OCT	30	42350	-.01982	.24008	-.109815	.002939	.03518	-.00416
OCT	31	42351	-.02042	.24058	-.112704	.002836	.03513	-.00425

NOV	1	42352	-.02102	.24118	-.115485	.002737	.03525	-.00436
NOV	2	42353	-.02162	.24168	-.118177	.002664	.03553	-.00444
NOV	3	42354	-.02212	.24218	-.120821	.002648	.03593	-.00448
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NOV	6	42357	-.02392	.24368	-.129267	.003066	.03714	-.00422
NOV	7	42358	-.02442	.24408	-.132436	.003270	.03733	-.00403
NOV	8	42359	-.02501	.24459	-.135796	.003441	.03735	-.00385
NOV	9	42360	-.02561	.24499	-.139295	.003542	.03722	-.00369
NOV	10	42361	-.02611	.24549	-.142849	.003553	.03697	-.00358
NOV	11	42362	-.02671	.24589	-.146369	.003462	.03668	-.00354
NOV	12	42363	-.02721	.24629	-.149751	.003303	.03643	-.00356
NOV	13	42364	-.02781	.24669	-.152956	.003116	.03629	-.00363
NOV	14	42365	-.02831	.24709	-.155977	.002933	.03629	-.00373
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NOV	16	42367	-.02941	.24779	-.161610	.002745	.03679	-.00390
NOV	17	42368	-.02991	.24819	-.164350	.002744	.03721	-.00392
NOV	18	42369	-.03051	.24849	-.167116	.002794	.03766	-.00387
NOV	19	42370	-.03101	.24889	-.169949	.002878	.03806	-.00376
NOV	20	42371	-.03151	.24919	-.172877	.002978	.03834	-.00359
NOV	21	42372	-.03211	.24949	-.175897	.003081	.03847	-.00341
NOV	22	42373	-.03261	.24989	-.179024	.003159	.03842	-.00323
NOV	23	42374	-.03311	.25019	-.182216	.003221	.03824	-.00309
NOV	24	42375	-.03361	.25049	-.185442	.003236	.03796	-.00300
NOV	25	42376	-.03421	.25079	-.188674	.003211	.03767	-.00298
NOV	26	42377	-.03471	.25119	-.191861	.003147	.03744	-.00303
NOV	27	42378	-.03521	.25149	-.194957	.003051	.03733	-.00311
NOV	28	42379	-.03571	.25179	-.197949	.002931	.03738	-.00322
NOV	29	42380	-.03621	.25219	-.200834	.002833	.03760	-.00332
NOV	30	42381	-.03671	.25249	-.203630	.002771	.03795	-.00338
DEC	1	42382	-.03711	.25289	-.206389	.002781	.03837	-.00337
DEC	2	42383	-.03761	.25319	-.209210	.002861	.03880	-.00331
DEC	3	42384	-.03811	.25359	-.212142	.003010	.03916	-.00318
DEC	4	42385	-.03851	.25399	-.215224	.003174	.03938	-.00301
DEC	5	42386	-.03891	.25439	-.218468	.003294	.03943	-.00283
DEC	6	42387	-.03941	.25469	-.221797	.003351	.03932	-.00267
DEC	7	42388	-.03981	.25519	-.225149	.003328	.03908	-.00255
DEC	8	42389	-.04021	.25559	-.228427	.003223	.03877	-.00250
DEC	9	42390	-.04061	.25599	-.231575	.003057	.03848	-.00251
DEC	10	42391	-.04101	.25639	-.234530	.002862	.03827	-.00258
DEC	11	42392	-.04141	.25689	-.237303	.002675	.03819	-.00268
DEC	12	42393	-.04181	.25729	-.239905	.002527	.03829	-.00280
DEC	13	42394	-.04221	.25779	-.242376	.002436	.03854	-.00289
DEC	14	42395	-.04251	.25819	-.244798	.002409	.03890	-.00294
DEC	15	42396	-.04290	.25870	-.247222	.002438	.03932	-.00293
DEC	16	42397	-.04330	.25920	-.249696	.002506	.03971	-.00285
DEC	17	42398	-.04360	.25970	-.252241	.002594	.04001	-.00272
DEC	18	42399	-.04400	.26020	-.254876	.002675	.04016	-.00256
DEC	19	42400	-.04440	.26080	-.257587	.002754	.04014	-.00239
DEC	20	42401	-.04470	.26130	-.260375	.002798	.03996	-.00225
DEC	21	42402	-.04510	.26190	-.263183	.002820	.03967	-.00216
DEC	22	42403	-.04540	.26250	-.266003	.002805	.03934	-.00214
DEC	23	42404	-.04580	.26300	-.268779	.002744	.03905	-.00219

DEC	24	42405	-.04610	.26360	-.271490	.002663	.03886	-.00229
DEC	25	42406	-.04650	.26430	-.274098	.002564	.03883	-.00241
DEC	26	42407	-.04680	.26490	-.276620	.002469	.03896	-.00254
DEC	27	42408	-.04720	.26550	-.279048	.002406	.03924	-.00264
DEC	28	42409	-.04750	.26620	-.281443	.002397	.03961	-.00268
DEC	29	42410	-.04780	.26680	-.283870	.002480	.04001	-.00266
DEC	30	42411	-.04810	.26750	-.286430	.002639	.04036	-.00258
DEC	31	42412	-.04840	.26820	-.289169	.002843	.04060	-.00245