

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)

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Date	MJD	x	y	UT1-UTC	LOD	dPsi	dEpsilon	
		"	"	s	s	"	"	
(0h UTC)								
YEAR ==> 1979								
JAN	1	43874	.13880	.08500	.598426	.003197	.01820	-.00130
JAN	2	43875	.13650	.08340	.595162	.003325	.01822	-.00114
JAN	3	43876	.13430	.08180	.591800	.003400	.01808	-.00100
JAN	4	43877	.13200	.08020	.588383	.003411	.01781	-.00091
JAN	5	43878	.12960	.07870	.584989	.003357	.01748	-.00088
JAN	6	43879	.12720	.07710	.581674	.003256	.01715	-.00092
JAN	7	43880	.12470	.07560	.578485	.003118	.01690	-.00101
JAN	8	43881	.12210	.07420	.575428	.002977	.01679	-.00114
JAN	9	43882	.11950	.07270	.572516	.002851	.01684	-.00129
JAN	10	43883	.11690	.07130	.569715	.002744	.01706	-.00141
JAN	11	43884	.11410	.07000	.567014	.002665	.01739	-.00149
JAN	12	43885	.11130	.06860	.564372	.002636	.01778	-.00151
JAN	13	43886	.10850	.06730	.561740	.002633	.01815	-.00147
JAN	14	43887	.10560	.06610	.559096	.002659	.01842	-.00137
JAN	15	43888	.10260	.06490	.556423	.002708	.01854	-.00123
JAN	16	43889	.09950	.06370	.553674	.002780	.01850	-.00110
JAN	17	43890	.09650	.06260	.550862	.002843	.01830	-.00099
JAN	18	43891	.09330	.06160	.547982	.002916	.01799	-.00094
JAN	19	43892	.09010	.06060	.545047	.002959	.01764	-.00094
JAN	20	43893	.08691	.05961	.542062	.002999	.01732	-.00102
JAN	21	43894	.08371	.05871	.539059	.003012	.01710	-.00115
JAN	22	43895	.08041	.05791	.536044	.003011	.01704	-.00131
JAN	23	43896	.07711	.05711	.533053	.002982	.01715	-.00147
JAN	24	43897	.07381	.05641	.530082	.002949	.01740	-.00160
JAN	25	43898	.07051	.05581	.527149	.002934	.01776	-.00168
JAN	26	43899	.06721	.05521	.524211	.002973	.01814	-.00169
JAN	27	43900	.06381	.05471	.521195	.003059	.01848	-.00164
JAN	28	43901	.06061	.05431	.518064	.003194	.01870	-.00155
JAN	29	43902	.05731	.05391	.514800	.003345	.01876	-.00143
JAN	30	43903	.05401	.05361	.511396	.003456	.01866	-.00131
JAN	31	43904	.05081	.05341	.507901	.003509	.01841	-.00124
FEB	1	43905	.04761	.05331	.504413	.003460	.01808	-.00122
FEB	2	43906	.04451	.05321	.501004	.003341	.01773	-.00127
FEB	3	43907	.04141	.05321	.497736	.003179	.01744	-.00138
FEB	4	43908	.03831	.05331	.494647	.003006	.01727	-.00154
FEB	5	43909	.03531	.05341	.491729	.002837	.01726	-.00172
FEB	6	43910	.03241	.05371	.488964	.002700	.01742	-.00189
FEB	7	43911	.02951	.05401	.486316	.002601	.01772	-.00202
FEB	8	43912	.02661	.05431	.483746	.002546	.01809	-.00209

FEB	9	43913	.02381	.05481	.481201	.002531	.01847	-.00210
FEB	10	43914	.02111	.05531	.478663	.002560	.01878	-.00205
FEB	11	43915	.01841	.05581	.476081	.002605	.01895	-.00196
FEB	12	43916	.01571	.05651	.473446	.002663	.01896	-.00185
FEB	13	43917	.01311	.05721	.470752	.002726	.01881	-.00176
FEB	14	43918	.01051	.05801	.467988	.002791	.01853	-.00172
FEB	15	43919	.00791	.05881	.465176	.002837	.01818	-.00174
FEB	16	43920	.00531	.05971	.462333	.002855	.01785	-.00182
FEB	17	43921	.00281	.06071	.459475	.002844	.01760	-.00196
FEB	18	43922	.00031	.06181	.456642	.002807	.01749	-.00215
FEB	19	43923	-.00219	.06291	.453857	.002762	.01754	-.00234
FEB	20	43924	-.00469	.06411	.451119	.002714	.01776	-.00251
FEB	21	43925	-.00719	.06531	.448425	.002680	.01810	-.00263
FEB	22	43926	-.00959	.06661	.445747	.002692	.01849	-.00269
FEB	23	43927	-.01209	.06791	.443021	.002758	.01885	-.00269
FEB	24	43928	-.01459	.06941	.440201	.002893	.01913	-.00263
FEB	25	43929	-.01709	.07081	.437232	.003057	.01925	-.00254
FEB	26	43930	-.01958	.07232	.434086	.003221	.01921	-.00244
FEB	27	43931	-.02208	.07392	.430796	.003346	.01902	-.00237
FEB	28	43932	-.02458	.07552	.427432	.003378	.01871	-.00236
MAR	1	43933	-.02708	.07712	.424071	.003319	.01837	-.00241
MAR	2	43934	-.02968	.07872	.420807	.003190	.01806	-.00252
MAR	3	43935	-.03218	.08042	.417691	.003038	.01786	-.00269
MAR	4	43936	-.03468	.08212	.414741	.002877	.01781	-.00288
MAR	5	43937	-.03728	.08382	.411939	.002742	.01793	-.00307
MAR	6	43938	-.03978	.08552	.409252	.002649	.01820	-.00324
MAR	7	43939	-.04238	.08722	.406636	.002600	.01857	-.00335
MAR	8	43940	-.04488	.08892	.404035	.002597	.01897	-.00339
MAR	9	43941	-.04748	.09072	.401428	.002633	.01932	-.00337
MAR	10	43942	-.04998	.09242	.398769	.002700	.01955	-.00330
MAR	11	43943	-.05258	.09412	.396032	.002786	.01963	-.00321
MAR	12	43944	-.05518	.09582	.393203	.002880	.01953	-.00312
MAR	13	43945	-.05768	.09742	.390282	.002970	.01930	-.00307
MAR	14	43946	-.06028	.09912	.387269	.003044	.01898	-.00308
MAR	15	43947	-.06278	.10082	.384195	.003102	.01865	-.00315
MAR	16	43948	-.06528	.10242	.381088	.003116	.01837	-.00328
MAR	17	43949	-.06778	.10412	.377972	.003096	.01822	-.00346
MAR	18	43950	-.07028	.10572	.374893	.003052	.01823	-.00366
MAR	19	43951	-.07278	.10732	.371862	.002999	.01841	-.00384
MAR	20	43952	-.07518	.10902	.368881	.002957	.01873	-.00399
MAR	21	43953	-.07768	.11062	.365937	.002947	.01912	-.00407
MAR	22	43954	-.08008	.11222	.362981	.002976	.01951	-.00409
MAR	23	43955	-.08248	.11382	.359965	.003062	.01982	-.00405
MAR	24	43956	-.08478	.11552	.356838	.003198	.02001	-.00397
MAR	25	43957	-.08708	.11712	.353561	.003359	.02003	-.00387
MAR	26	43958	-.08938	.11882	.350115	.003503	.01989	-.00379
MAR	27	43959	-.09168	.12052	.346565	.003587	.01962	-.00375
MAR	28	43960	-.09388	.12222	.342973	.003583	.01928	-.00378
MAR	29	43961	-.09618	.12392	.339428	.003492	.01896	-.00387
MAR	30	43962	-.09828	.12572	.335999	.003340	.01872	-.00401
MAR	31	43963	-.10048	.12752	.332744	.003175	.01862	-.00420
APR	1	43964	-.10258	.12932	.329654	.003013	.01868	-.00439
APR	2	43965	-.10478	.13122	.326707	.002896	.01891	-.00455

APR	3	43966	-.10677	.13313	.323857	.002814	.01925	-.00467
APR	4	43967	-.10887	.13513	.321064	.002779	.01965	-.00473
APR	5	43968	-.11087	.13713	.318274	.002797	.02001	-.00472
APR	6	43969	-.11297	.13923	.315457	.002842	.02029	-.00465
APR	7	43970	-.11487	.14133	.312571	.002922	.02041	-.00455
APR	8	43971	-.11687	.14343	.309607	.003015	.02036	-.00445
APR	9	43972	-.11877	.14563	.306541	.003108	.02016	-.00437
APR	10	43973	-.12067	.14793	.303395	.003191	.01985	-.00434
APR	11	43974	-.12247	.15013	.300167	.003261	.01951	-.00438
APR	12	43975	-.12427	.15253	.296882	.003291	.01919	-.00448
APR	13	43976	-.12597	.15483	.293587	.003294	.01898	-.00463
APR	14	43977	-.12767	.15723	.290314	.003254	.01893	-.00481
APR	15	43978	-.12937	.15973	.287084	.003193	.01904	-.00498
APR	16	43979	-.13097	.16223	.283917	.003135	.01929	-.00513
APR	17	43980	-.13247	.16473	.280797	.003092	.01965	-.00521
APR	18	43981	-.13397	.16723	.277708	.003094	.02003	-.00523
APR	19	43982	-.13537	.16983	.274590	.003141	.02035	-.00519
APR	20	43983	-.13667	.17233	.271399	.003247	.02056	-.00510
APR	21	43984	-.13797	.17493	.268094	.003366	.02061	-.00498
APR	22	43985	-.13917	.17753	.264666	.003488	.02049	-.00487
APR	23	43986	-.14037	.18013	.261118	.003587	.02023	-.00479
APR	24	43987	-.14147	.18263	.257523	.003611	.01988	-.00478
APR	25	43988	-.14247	.18523	.253934	.003553	.01951	-.00482
APR	26	43989	-.14347	.18773	.250442	.003413	.01921	-.00493
APR	27	43990	-.14437	.19023	.247115	.003238	.01902	-.00508
APR	28	43991	-.14517	.19273	.243978	.003056	.01900	-.00525
APR	29	43992	-.14597	.19513	.241004	.002886	.01914	-.00540
APR	30	43993	-.14677	.19763	.238180	.002767	.01941	-.00551
MAY	1	43994	-.14737	.20003	.235445	.002704	.01976	-.00556
MAY	2	43995	-.14807	.20233	.232759	.002685	.02010	-.00555
MAY	3	43996	-.14867	.20473	.230071	.002695	.02037	-.00547
MAY	4	43997	-.14917	.20703	.227357	.002745	.02050	-.00535
MAY	5	43998	-.14967	.20933	.224582	.002814	.02047	-.00522
MAY	6	43999	-.15007	.21153	.221736	.002878	.02027	-.00511
MAY	7	44000	-.15047	.21383	.218820	.002945	.01994	-.00504
MAY	8	44001	-.15087	.21603	.215854	.003005	.01954	-.00503
MAY	9	44002	-.15117	.21823	.212828	.003029	.01916	-.00508
MAY	10	44003	-.15146	.22044	.209795	.003032	.01886	-.00519
MAY	11	44004	-.15166	.22264	.206785	.003000	.01870	-.00534
MAY	12	44005	-.15196	.22484	.203813	.002939	.01870	-.00549
MAY	13	44006	-.15206	.22704	.200910	.002857	.01886	-.00562
MAY	14	44007	-.15226	.22914	.198084	.002800	.01913	-.00570
MAY	15	44008	-.15236	.23134	.195297	.002772	.01945	-.00572
MAY	16	44009	-.15256	.23354	.192522	.002797	.01975	-.00567
MAY	17	44010	-.15256	.23574	.189694	.002863	.01994	-.00556
MAY	18	44011	-.15266	.23794	.186795	.002951	.01998	-.00542
MAY	19	44012	-.15266	.24004	.183780	.003056	.01985	-.00528
MAY	20	44013	-.15276	.24234	.180688	.003128	.01957	-.00517
MAY	21	44014	-.15276	.24454	.177541	.003150	.01917	-.00510
MAY	22	44015	-.15266	.24674	.174410	.003108	.01874	-.00510
MAY	23	44016	-.15266	.24894	.171356	.002990	.01834	-.00517
MAY	24	44017	-.15256	.25124	.168436	.002832	.01805	-.00528
MAY	25	44018	-.15256	.25344	.165699	.002642	.01790	-.00542

MAY	26	44019	-.15246	.25574	.163138	.002472	.01793	-.00556
MAY	27	44020	-.15236	.25804	.160754	.002323	.01810	-.00566
MAY	28	44021	-.15216	.26024	.158487	.002218	.01836	-.00571
MAY	29	44022	-.15206	.26254	.156294	.002156	.01864	-.00569
MAY	30	44023	-.15186	.26484	.154153	.002143	.01887	-.00561
MAY	31	44024	-.15166	.26724	.152008	.002153	.01898	-.00548
JUN	1	44025	-.15146	.26954	.149840	.002194	.01893	-.00533
JUN	2	44026	-.15126	.27184	.147624	.002236	.01871	-.00519
JUN	3	44027	-.15106	.27414	.145359	.002284	.01835	-.00508
JUN	4	44028	-.15076	.27654	.143051	.002328	.01790	-.00503
JUN	5	44029	-.15046	.27884	.140720	.002341	.01743	-.00504
JUN	6	44030	-.15016	.28124	.138386	.002339	.01702	-.00511
JUN	7	44031	-.14986	.28354	.136052	.002317	.01674	-.00523
JUN	8	44032	-.14946	.28594	.133754	.002276	.01662	-.00537
JUN	9	44033	-.14916	.28824	.131517	.002216	.01666	-.00549
JUN	10	44034	-.14866	.29064	.129331	.002157	.01684	-.00557
JUN	11	44035	-.14826	.29294	.127192	.002126	.01708	-.00559
JUN	12	44036	-.14776	.29524	.125051	.002157	.01732	-.00554
JUN	13	44037	-.14726	.29764	.122861	.002243	.01748	-.00544
JUN	14	44038	-.14666	.29994	.120562	.002368	.01751	-.00529
JUN	15	44039	-.14605	.30225	.118131	.002501	.01737	-.00513
JUN	16	44040	-.14535	.30455	.115569	.002609	.01707	-.00499
JUN	17	44041	-.14465	.30685	.112929	.002667	.01663	-.00489
JUN	18	44042	-.14385	.30915	.110265	.002652	.01614	-.00486
JUN	19	44043	-.14305	.31145	.107644	.002589	.01565	-.00489
JUN	20	44044	-.14225	.31375	.105102	.002479	.01526	-.00497
JUN	21	44045	-.14135	.31605	.102693	.002337	.01500	-.00510
JUN	22	44046	-.14035	.31835	.100427	.002208	.01491	-.00523
JUN	23	44047	-.13935	.32055	.098278	.002093	.01497	-.00533
JUN	24	44048	-.13825	.32285	.096226	.002019	.01515	-.00539
JUN	25	44049	-.13715	.32505	.094216	.001997	.01538	-.00539
JUN	26	44050	-.13605	.32735	.092218	.002006	.01558	-.00532
JUN	27	44051	-.13475	.32955	.090194	.002036	.01567	-.00519
JUN	28	44052	-.13345	.33175	.088138	.002090	.01562	-.00504
JUN	29	44053	-.13215	.33395	.086020	.002146	.01540	-.00488
JUN	30	44054	-.13075	.33615	.083836	.002204	.01503	-.00475
JUL	1	44055	-.12925	.33835	.081616	.002240	.01455	-.00467
JUL	2	44056	-.12775	.34045	.079362	.002266	.01403	-.00465
JUL	3	44057	-.12615	.34265	.077101	.002259	.01355	-.00470
JUL	4	44058	-.12455	.34475	.074852	.002237	.01318	-.00481
JUL	5	44059	-.12285	.34685	.072635	.002182	.01296	-.00493
JUL	6	44060	-.12115	.34905	.070483	.002118	.01291	-.00506
JUL	7	44061	-.11935	.35105	.068401	.002038	.01300	-.00515
JUL	8	44062	-.11745	.35315	.066402	.001974	.01319	-.00519
JUL	9	44063	-.11555	.35525	.064429	.001962	.01341	-.00516
JUL	10	44064	-.11365	.35725	.062459	.001998	.01357	-.00507
JUL	11	44065	-.11165	.35925	.060415	.002096	.01361	-.00493
JUL	12	44066	-.10965	.36125	.058259	.002207	.01350	-.00477
JUL	13	44067	-.10755	.36325	.056008	.002309	.01321	-.00462
JUL	14	44068	-.10545	.36515	.053671	.002344	.01279	-.00451
JUL	15	44069	-.10325	.36715	.051334	.002314	.01228	-.00445
JUL	16	44070	-.10105	.36905	.049064	.002215	.01176	-.00446
JUL	17	44071	-.09875	.37085	.046931	.002065	.01131	-.00453

JUL	18	44072	-.09645	.37275	.044953	.001892	.01099	-.00465
JUL	19	44073	-.09415	.37455	.043146	.001722	.01083	-.00478
JUL	20	44074	-.09175	.37625	.041501	.001587	.01083	-.00490
JUL	21	44075	-.08925	.37805	.039970	.001480	.01097	-.00497
JUL	22	44076	-.08674	.37966	.038514	.001438	.01118	-.00499
JUL	23	44077	-.08424	.38136	.037080	.001428	.01139	-.00494
JUL	24	44078	-.08164	.38296	.035638	.001461	.01152	-.00484
JUL	25	44079	-.07904	.38456	.034149	.001519	.01152	-.00469
JUL	26	44080	-.07634	.38606	.032595	.001600	.01136	-.00453
JUL	27	44081	-.07364	.38756	.030958	.001675	.01103	-.00439
JUL	28	44082	-.07094	.38896	.029237	.001752	.01058	-.00430
JUL	29	44083	-.06814	.39026	.027449	.001810	.01007	-.00426
JUL	30	44084	-.06534	.39166	.025613	.001855	.00958	-.00430
JUL	31	44085	-.06244	.39286	.023738	.001884	.00918	-.00439
AUG	1	44086	-.05954	.39406	.021854	.001892	.00893	-.00452
AUG	2	44087	-.05664	.39526	.019970	.001884	.00884	-.00465
AUG	3	44088	-.05374	.39636	.018087	.001871	.00891	-.00476
AUG	4	44089	-.05074	.39746	.016224	.001867	.00910	-.00482
AUG	5	44090	-.04774	.39846	.014343	.001894	.00934	-.00482
AUG	6	44091	-.04474	.39936	.012407	.001985	.00955	-.00475
AUG	7	44092	-.04174	.40026	.010361	.002126	.00967	-.00463
AUG	8	44093	-.03874	.40106	.008138	.002311	.00964	-.00447
AUG	9	44094	-.03574	.40186	.005736	.002490	.00944	-.00432
AUG	10	44095	-.03274	.40266	.003173	.002634	.00909	-.00419
AUG	11	44096	-.02974	.40336	.000507	.002685	.00864	-.00412
AUG	12	44097	-.02674	.40396	-.002166	.002646	.00816	-.00411
AUG	13	44098	-.02374	.40456	-.004760	.002533	.00772	-.00417
AUG	14	44099	-.02084	.40516	-.007219	.002371	.00739	-.00428
AUG	15	44100	-.01784	.40566	-.009503	.002188	.00722	-.00441
AUG	16	44101	-.01484	.40606	-.011614	.002039	.00722	-.00454
AUG	17	44102	-.01194	.40656	-.013584	.001922	.00737	-.00463
AUG	18	44103	-.00904	.40696	-.015474	.001853	.00762	-.00467
AUG	19	44104	-.00614	.40726	-.017316	.001830	.00789	-.00465
AUG	20	44105	-.00334	.40766	-.019147	.001835	.00812	-.00456
AUG	21	44106	-.00044	.40796	-.020996	.001877	.00822	-.00443
AUG	22	44107	.00236	.40816	-.022897	.001926	.00817	-.00427
AUG	23	44108	.00516	.40846	-.024849	.001979	.00796	-.00412
AUG	24	44109	.00786	.40866	-.026853	.002026	.00760	-.00401
AUG	25	44110	.01066	.40896	-.028897	.002047	.00717	-.00396
AUG	26	44111	.01336	.40916	-.030951	.002064	.00673	-.00397
AUG	27	44112	.01596	.40936	-.033006	.002044	.00637	-.00405
AUG	28	44113	.01867	.40947	-.035029	.002008	.00613	-.00416
AUG	29	44114	.02127	.40967	-.037017	.001955	.00606	-.00430
AUG	30	44115	.02387	.40987	-.038948	.001906	.00616	-.00441
AUG	31	44116	.02637	.40997	-.040843	.001877	.00639	-.00449
SEP	1	44117	.02887	.41007	-.042709	.001873	.00669	-.00451
SEP	2	44118	.03137	.41027	-.044604	.001914	.00700	-.00446
SEP	3	44119	.03387	.41037	-.046568	.002034	.00723	-.00435
SEP	4	44120	.03627	.41047	-.048683	.002202	.00733	-.00420
SEP	5	44121	.03867	.41047	-.050983	.002411	.00726	-.00404
SEP	6	44122	.04097	.41057	-.053489	.002604	.00704	-.00390
SEP	7	44123	.04327	.41057	-.056158	.002722	.00670	-.00380
SEP	8	44124	.04557	.41057	-.058910	.002752	.00630	-.00377

SEP	9	44125	.04777	.41057	-.061639	.002684	.00592	-.00380
SEP	10	44126	.04997	.41047	-.064254	.002547	.00564	-.00389
SEP	11	44127	.05207	.41047	-.066716	.002375	.00550	-.00401
SEP	12	44128	.05417	.41037	-.068999	.002207	.00553	-.00414
SEP	13	44129	.05627	.41017	-.071143	.002090	.00572	-.00424
SEP	14	44130	.05827	.40997	-.073197	.002015	.00603	-.00429
SEP	15	44131	.06017	.40977	-.075190	.001991	.00639	-.00428
SEP	16	44132	.06207	.40957	-.077193	.002012	.00673	-.00420
SEP	17	44133	.06397	.40927	-.079226	.002056	.00696	-.00407
SEP	18	44134	.06577	.40897	-.081313	.002132	.00705	-.00391
SEP	19	44135	.06737	.40857	-.083484	.002206	.00697	-.00375
SEP	20	44136	.06907	.40817	-.085735	.002295	.00675	-.00361
SEP	21	44137	.07077	.40777	-.088070	.002371	.00642	-.00353
SEP	22	44138	.07237	.40727	-.090459	.002424	.00607	-.00351
SEP	23	44139	.07397	.40677	-.092897	.002449	.00575	-.00356
SEP	24	44140	.07557	.40617	-.095356	.002454	.00556	-.00365
SEP	25	44141	.07717	.40567	-.097797	.002435	.00552	-.00377
SEP	26	44142	.07877	.40507	-.100223	.002414	.00565	-.00389
SEP	27	44143	.08027	.40437	-.102618	.002389	.00593	-.00397
SEP	28	44144	.08177	.40377	-.104998	.002387	.00630	-.00399
SEP	29	44145	.08327	.40307	-.107405	.002426	.00670	-.00395
SEP	30	44146	.08467	.40237	-.109879	.002519	.00705	-.00385
OCT	1	44147	.08597	.40167	-.112463	.002670	.00728	-.00370
OCT	2	44148	.08727	.40097	-.115223	.002857	.00735	-.00352
OCT	3	44149	.08848	.40018	-.118182	.003058	.00726	-.00336
OCT	4	44150	.08968	.39938	-.121340	.003226	.00703	-.00323
OCT	5	44151	.09078	.39858	-.124620	.003318	.00672	-.00316
OCT	6	44152	.09178	.39778	-.127932	.003308	.00640	-.00316
OCT	7	44153	.09288	.39698	-.131193	.003195	.00616	-.00321
OCT	8	44154	.09368	.39618	-.134311	.003035	.00605	-.00331
OCT	9	44155	.09448	.39528	-.137251	.002853	.00610	-.00343
OCT	10	44156	.09528	.39438	-.140019	.002699	.00632	-.00352
OCT	11	44157	.09598	.39348	-.142657	.002585	.00667	-.00358
OCT	12	44158	.09668	.39248	-.145208	.002535	.00709	-.00358
OCT	13	44159	.09748	.39148	-.147734	.002525	.00751	-.00350
OCT	14	44160	.09828	.39048	-.150272	.002556	.00785	-.00337
OCT	15	44161	.09918	.38948	-.152844	.002604	.00806	-.00320
OCT	16	44162	.10008	.38848	-.155494	.002677	.00810	-.00302
OCT	17	44163	.10108	.38748	-.158199	.002740	.00799	-.00286
OCT	18	44164	.10218	.38648	-.160971	.002792	.00775	-.00274
OCT	19	44165	.10338	.38548	-.163787	.002823	.00745	-.00268
OCT	20	44166	.10468	.38448	-.166620	.002808	.00718	-.00269
OCT	21	44167	.10598	.38358	-.169413	.002773	.00700	-.00276
OCT	22	44168	.10738	.38268	-.172155	.002709	.00696	-.00286
OCT	23	44169	.10888	.38168	-.174822	.002624	.00709	-.00296
OCT	24	44170	.11048	.38068	-.177401	.002534	.00738	-.00304
OCT	25	44171	.11228	.37968	-.179898	.002462	.00778	-.00307
OCT	26	44172	.11398	.37858	-.182327	.002426	.00823	-.00304
OCT	27	44173	.11578	.37738	-.184756	.002442	.00865	-.00294
OCT	28	44174	.11768	.37618	-.187230	.002513	.00897	-.00278
OCT	29	44175	.11948	.37488	-.189798	.002641	.00914	-.00260
OCT	30	44176	.12128	.37358	-.192510	.002796	.00914	-.00241
OCT	31	44177	.12308	.37218	-.195378	.002933	.00899	-.00226

NOV	1	44178	.12478	.37068	-.198370	.003033	.00873	-.00215
NOV	2	44179	.12638	.36908	-.201426	.003063	.00845	-.00211
NOV	3	44180	.12788	.36748	-.204456	.002991	.00821	-.00214
NOV	4	44181	.12928	.36588	-.207383	.002844	.00808	-.00221
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NOV	7	44184	.13258	.36048	-.215119	.002352	.00864	-.00247
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NOV	9	44186	.13409	.35669	-.219687	.002250	.00953	-.00241
NOV	10	44187	.13459	.35469	-.221950	.002273	.00992	-.00229
NOV	11	44188	.13499	.35259	-.224233	.002320	.01020	-.00212
NOV	12	44189	.13529	.35049	-.226594	.002396	.01031	-.00193
NOV	13	44190	.13539	.34839	-.229029	.002469	.01026	-.00175
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NOV	15	44192	.13529	.34409	-.234084	.002585	.00979	-.00152
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NOV	18	44195	.13479	.33759	-.241882	.002569	.00922	-.00163
NOV	19	44196	.13449	.33539	-.244416	.002514	.00930	-.00173
NOV	20	44197	.13419	.33319	-.246896	.002434	.00954	-.00182
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NOV	22	44199	.13359	.32869	-.251636	.002325	.01035	-.00185
NOV	23	44200	.13339	.32649	-.253962	.002338	.01079	-.00176
NOV	24	44201	.13319	.32429	-.256331	.002406	.01114	-.00162
NOV	25	44202	.13299	.32209	-.258800	.002531	.01135	-.00144
NOV	26	44203	.13289	.31989	-.261402	.002673	.01140	-.00125
NOV	27	44204	.13279	.31769	-.264147	.002814	.01129	-.00109
NOV	28	44205	.13279	.31559	-.267030	.002932	.01105	-.00097
NOV	29	44206	.13279	.31349	-.269992	.002991	.01075	-.00091
NOV	30	44207	.13279	.31139	-.272986	.002976	.01048	-.00092
DEC	1	44208	.13289	.30929	-.275929	.002889	.01029	-.00098
DEC	2	44209	.13299	.30719	-.278760	.002764	.01025	-.00108
DEC	3	44210	.13309	.30519	-.281443	.002614	.01037	-.00118
DEC	4	44211	.13319	.30319	-.283985	.002476	.01065	-.00126
DEC	5	44212	.13329	.30119	-.286419	.002391	.01104	-.00130
DEC	6	44213	.13349	.29929	-.288782	.002356	.01147	-.00126
DEC	7	44214	.13369	.29739	-.291135	.002357	.01187	-.00117
DEC	8	44215	.13389	.29549	-.293517	.002402	.01217	-.00102
DEC	9	44216	.13409	.29359	-.295950	.002461	.01231	-.00084
DEC	10	44217	.13429	.29179	-.298433	.002520	.01228	-.00066
DEC	11	44218	.13459	.28999	-.301000	.002588	.01211	-.00052
DEC	12	44219	.13489	.28819	-.303614	.002632	.01182	-.00042
DEC	13	44220	.13529	.28639	-.306255	.002654	.01151	-.00040
DEC	14	44221	.13569	.28469	-.308915	.002652	.01124	-.00044
DEC	15	44222	.13610	.28300	-.311550	.002615	.01108	-.00053
DEC	16	44223	.13650	.28130	-.314147	.002565	.01108	-.00064
DEC	17	44224	.13700	.27970	-.316675	.002488	.01124	-.00075
DEC	18	44225	.13750	.27810	-.319132	.002418	.01155	-.00083
DEC	19	44226	.13810	.27650	-.321515	.002354	.01194	-.00085
DEC	20	44227	.13860	.27490	-.323865	.002341	.01235	-.00081
DEC	21	44228	.13920	.27330	-.326217	.002384	.01271	-.00070
DEC	22	44229	.13970	.27170	-.328641	.002481	.01294	-.00055
DEC	23	44230	.14020	.27020	-.331179	.002609	.01301	-.00039

DEC	24	44231	.14070	.26860	-.333849	.002735	.01291	-.00023
DEC	25	44232	.14110	.26700	-.336639	.002827	.01267	-.00011
DEC	26	44233	.14140	.26550	-.339481	.002860	.01235	-.00006
DEC	27	44234	.14170	.26390	-.342335	.002825	.01203	-.00007
DEC	28	44235	.14190	.26240	-.345120	.002737	.01177	-.00014
DEC	29	44236	.14200	.26080	-.347795	.002604	.01164	-.00026
DEC	30	44237	.14200	.25930	-.350314	.002454	.01168	-.00039
DEC	31	44238	.14190	.25770	-.352697	.002316	.01188	-.00051