

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 ==> 1975								
JAN	1	42413	-.04870	.26890	.707893	.003025	.04067	-.00229
JAN	2	42414	-.04900	.26960	.704807	.003130	.04058	-.00215
JAN	3	42415	-.04920	.27040	.701657	.003140	.04034	-.00204
JAN	4	42416	-.04950	.27110	.698570	.003040	.04002	-.00199
JAN	5	42417	-.04970	.27190	.695601	.002879	.03968	-.00201
JAN	6	42418	-.04990	.27260	.692812	.002690	.03940	-.00210
JAN	7	42419	-.05000	.27340	.690208	.002521	.03925	-.00222
JAN	8	42420	-.05010	.27420	.687756	.002391	.03925	-.00237
JAN	9	42421	-.05020	.27500	.685408	.002316	.03942	-.00251
JAN	10	42422	-.05030	.27580	.683104	.002302	.03973	-.00261
JAN	11	42423	-.05030	.27670	.680794	.002336	.04011	-.00265
JAN	12	42424	-.05030	.27750	.678415	.002426	.04049	-.00262
JAN	13	42425	-.05020	.27840	.675923	.002552	.04080	-.00254
JAN	14	42426	-.05010	.27920	.673310	.002665	.04097	-.00241
JAN	15	42427	-.05000	.28010	.670587	.002777	.04097	-.00228
JAN	16	42428	-.04980	.28100	.667773	.002856	.04082	-.00216
JAN	17	42429	-.04960	.28190	.664885	.002903	.04053	-.00209
JAN	18	42430	-.04930	.28270	.661979	.002913	.04019	-.00208
JAN	19	42431	-.04900	.28360	.659071	.002888	.03985	-.00214
JAN	20	42432	-.04859	.28451	.656214	.002833	.03960	-.00226
JAN	21	42433	-.04819	.28541	.653422	.002759	.03949	-.00242
JAN	22	42434	-.04779	.28631	.650706	.002675	.03954	-.00258
JAN	23	42435	-.04729	.28731	.648065	.002602	.03976	-.00273
JAN	24	42436	-.04669	.28821	.645473	.002591	.04009	-.00282
JAN	25	42437	-.04609	.28911	.642856	.002658	.04047	-.00286
JAN	26	42438	-.04549	.29011	.640129	.002799	.04083	-.00283
JAN	27	42439	-.04489	.29101	.637227	.003004	.04109	-.00275
JAN	28	42440	-.04419	.29201	.634118	.003219	.04121	-.00264
JAN	29	42441	-.04339	.29301	.630807	.003388	.04115	-.00252
JAN	30	42442	-.04269	.29391	.627379	.003457	.04094	-.00244
JAN	31	42443	-.04189	.29491	.623935	.003401	.04063	-.00240
FEB	1	42444	-.04099	.29601	.620601	.003262	.04027	-.00243
FEB	2	42445	-.04019	.29701	.617418	.003071	.03995	-.00253
FEB	3	42446	-.03929	.29801	.614448	.002872	.03975	-.00268
FEB	4	42447	-.03839	.29911	.611661	.002722	.03969	-.00286
FEB	5	42448	-.03749	.30021	.608993	.002623	.03980	-.00304
FEB	6	42449	-.03659	.30131	.606393	.002598	.04006	-.00319
FEB	7	42450	-.03559	.30241	.603777	.002632	.04042	-.00328
FEB	8	42451	-.03459	.30361	.601113	.002705	.04080	-.00331

FEB	9	42452	-.03359	.30471	.598367	.002801	.04114	-.00327
FEB	10	42453	-.03259	.30591	.595505	.002913	.04136	-.00319
FEB	11	42454	-.03159	.30711	.592531	.003021	.04141	-.00309
FEB	12	42455	-.03059	.30831	.589470	.003108	.04131	-.00300
FEB	13	42456	-.02949	.30961	.586337	.003153	.04106	-.00294
FEB	14	42457	-.02849	.31081	.583188	.003150	.04072	-.00294
FEB	15	42458	-.02739	.31211	.580048	.003110	.04038	-.00301
FEB	16	42459	-.02629	.31331	.576977	.003028	.04009	-.00314
FEB	17	42460	-.02519	.31461	.573999	.002925	.03994	-.00332
FEB	18	42461	-.02409	.31581	.571129	.002816	.03994	-.00351
FEB	19	42462	-.02299	.31711	.568363	.002712	.04011	-.00369
FEB	20	42463	-.02179	.31831	.565682	.002648	.04042	-.00384
FEB	21	42464	-.02059	.31951	.563034	.002650	.04080	-.00392
FEB	22	42465	-.01939	.32071	.560355	.002725	.04118	-.00394
FEB	23	42466	-.01819	.32191	.557549	.002888	.04149	-.00390
FEB	24	42467	-.01699	.32311	.554563	.003096	.04166	-.00381
FEB	25	42468	-.01569	.32421	.551373	.003289	.04167	-.00372
FEB	26	42469	-.01448	.32532	.548024	.003401	.04151	-.00365
FEB	27	42470	-.01318	.32642	.544613	.003396	.04123	-.00362
FEB	28	42471	-.01188	.32752	.541265	.003271	.04089	-.00365
MAR	1	42472	-.01048	.32852	.538113	.003043	.04057	-.00375
MAR	2	42473	-.00918	.32952	.535179	.002803	.04033	-.00390
MAR	3	42474	-.00778	.33052	.532496	.002588	.04023	-.00409
MAR	4	42475	-.00638	.33142	.529981	.002444	.04030	-.00429
MAR	5	42476	-.00498	.33222	.527585	.002370	.04053	-.00447
MAR	6	42477	-.00348	.33312	.525221	.002370	.04087	-.00460
MAR	7	42478	-.00208	.33392	.522837	.002412	.04127	-.00467
MAR	8	42479	-.00058	.33462	.520373	.002512	.04164	-.00467
MAR	9	42480	.00092	.33532	.517805	.002634	.04191	-.00461
MAR	10	42481	.00242	.33602	.515112	.002761	.04203	-.00453
MAR	11	42482	.00402	.33662	.512288	.002873	.04199	-.00444
MAR	12	42483	.00552	.33712	.509376	.002958	.04179	-.00438
MAR	13	42484	.00712	.33772	.506375	.003026	.04149	-.00437
MAR	14	42485	.00872	.33812	.503336	.003046	.04115	-.00443
MAR	15	42486	.01032	.33852	.500304	.003021	.04085	-.00455
MAR	16	42487	.01192	.33892	.497303	.002970	.04066	-.00472
MAR	17	42488	.01352	.33922	.494358	.002907	.04062	-.00492
MAR	18	42489	.01522	.33952	.491484	.002852	.04075	-.00511
MAR	19	42490	.01692	.33972	.488642	.002819	.04103	-.00528
MAR	20	42491	.01862	.33992	.485819	.002840	.04140	-.00539
MAR	21	42492	.02032	.34002	.482938	.002924	.04180	-.00543
MAR	22	42493	.02202	.34012	.479935	.003084	.04215	-.00540
MAR	23	42494	.02372	.34012	.476740	.003295	.04237	-.00533
MAR	24	42495	.02542	.34002	.473328	.003526	.04244	-.00524
MAR	25	42496	.02722	.34002	.469710	.003708	.04235	-.00516
MAR	26	42497	.02892	.33982	.465944	.003795	.04211	-.00511
MAR	27	42498	.03072	.33962	.462162	.003746	.04178	-.00512
MAR	28	42499	.03252	.33942	.458492	.003578	.04145	-.00519
MAR	29	42500	.03422	.33912	.455030	.003329	.04117	-.00533
MAR	30	42501	.03602	.33872	.451828	.003079	.04103	-.00551
MAR	31	42502	.03782	.33832	.448858	.002862	.04105	-.00570
APR	1	42503	.03952	.33792	.446070	.002726	.04123	-.00588
APR	2	42504	.04122	.33732	.443381	.002661	.04154	-.00602

APR	3	42505	.04303	.33683	.440728	.002654	.04193	-.00610
APR	4	42506	.04473	.33613	.438049	.002698	.04231	-.00611
APR	5	42507	.04643	.33543	.435323	.002767	.04262	-.00606
APR	6	42508	.04813	.33473	.432512	.002845	.04279	-.00597
APR	7	42509	.04973	.33393	.429634	.002908	.04279	-.00587
APR	8	42510	.05133	.33303	.426703	.002959	.04263	-.00579
APR	9	42511	.05293	.33213	.423727	.002987	.04235	-.00575
APR	10	42512	.05453	.33123	.420751	.002978	.04200	-.00577
APR	11	42513	.05613	.33023	.417782	.002944	.04167	-.00586
APR	12	42514	.05763	.32913	.414864	.002900	.04142	-.00600
APR	13	42515	.05903	.32813	.411987	.002840	.04132	-.00617
APR	14	42516	.06053	.32693	.409194	.002760	.04138	-.00636
APR	15	42517	.06193	.32573	.406459	.002714	.04160	-.00652
APR	16	42518	.06333	.32453	.403749	.002714	.04193	-.00663
APR	17	42519	.06463	.32333	.401009	.002778	.04231	-.00667
APR	18	42520	.06593	.32203	.398180	.002901	.04266	-.00665
APR	19	42521	.06723	.32073	.395187	.003093	.04291	-.00657
APR	20	42522	.06843	.31943	.391983	.003306	.04301	-.00646
APR	21	42523	.06963	.31803	.388578	.003508	.04294	-.00635
APR	22	42524	.07083	.31673	.384978	.003660	.04271	-.00627
APR	23	42525	.07203	.31533	.381292	.003694	.04238	-.00623
APR	24	42526	.07313	.31393	.377627	.003627	.04201	-.00626
APR	25	42527	.07423	.31253	.374078	.003460	.04168	-.00636
APR	26	42528	.07523	.31113	.370722	.003249	.04146	-.00650
APR	27	42529	.07633	.30973	.367566	.003051	.04139	-.00667
APR	28	42530	.07733	.30843	.364593	.002908	.04148	-.00684
APR	29	42531	.07833	.30703	.361735	.002828	.04172	-.00697
APR	30	42532	.07933	.30563	.358923	.002805	.04205	-.00704
MAY	1	42533	.08033	.30423	.356109	.002828	.04241	-.00705
MAY	2	42534	.08123	.30283	.353257	.002879	.04270	-.00700
MAY	3	42535	.08223	.30153	.350357	.002932	.04288	-.00689
MAY	4	42536	.08313	.30013	.347395	.002981	.04289	-.00677
MAY	5	42537	.08403	.29883	.344400	.003004	.04274	-.00665
MAY	6	42538	.08493	.29753	.341395	.003010	.04244	-.00656
MAY	7	42539	.08583	.29623	.338392	.002981	.04206	-.00654
MAY	8	42540	.08663	.29493	.335436	.002926	.04167	-.00658
MAY	9	42541	.08753	.29363	.332549	.002842	.04134	-.00668
MAY	10	42542	.08844	.29234	.329758	.002738	.04113	-.00682
MAY	11	42543	.08924	.29114	.327084	.002630	.04108	-.00698
MAY	12	42544	.09014	.28984	.324501	.002538	.04120	-.00712
MAY	13	42545	.09094	.28864	.321994	.002485	.04145	-.00722
MAY	14	42546	.09184	.28744	.319510	.002501	.04176	-.00726
MAY	15	42547	.09264	.28624	.316978	.002574	.04207	-.00724
MAY	16	42548	.09344	.28504	.314344	.002713	.04230	-.00715
MAY	17	42549	.09434	.28384	.311542	.002883	.04239	-.00702
MAY	18	42550	.09524	.28264	.308581	.003045	.04232	-.00688
MAY	19	42551	.09604	.28144	.305468	.003171	.04208	-.00676
MAY	20	42552	.09694	.28034	.302264	.003211	.04171	-.00668
MAY	21	42553	.09784	.27914	.299076	.003161	.04128	-.00667
MAY	22	42554	.09874	.27804	.295981	.003027	.04086	-.00671
MAY	23	42555	.09974	.27684	.293040	.002839	.04053	-.00682
MAY	24	42556	.10064	.27574	.290297	.002641	.04034	-.00696
MAY	25	42557	.10164	.27454	.287747	.002477	.04032	-.00710

MAY	26	42558	.10264	.27344	.285322	.002376	.04045	-.00723
MAY	27	42559	.10364	.27234	.282972	.002334	.04069	-.00730
MAY	28	42560	.10474	.27114	.280623	.002359	.04097	-.00730
MAY	29	42561	.10584	.27004	.278251	.002399	.04123	-.00724
MAY	30	42562	.10694	.26894	.275811	.002462	.04138	-.00713
MAY	31	42563	.10814	.26784	.273318	.002522	.04138	-.00698
JUN	1	42564	.10924	.26664	.270772	.002568	.04121	-.00684
JUN	2	42565	.11044	.26554	.268200	.002589	.04088	-.00672
JUN	3	42566	.11164	.26444	.265613	.002568	.04045	-.00665
JUN	4	42567	.11294	.26334	.263065	.002523	.03998	-.00665
JUN	5	42568	.11424	.26224	.260578	.002457	.03955	-.00671
JUN	6	42569	.11544	.26104	.258170	.002360	.03923	-.00682
JUN	7	42570	.11684	.25994	.255862	.002265	.03906	-.00696
JUN	8	42571	.11814	.25884	.253646	.002170	.03905	-.00709
JUN	9	42572	.11944	.25774	.251501	.002118	.03919	-.00719
JUN	10	42573	.12074	.25654	.249382	.002130	.03942	-.00723
JUN	11	42574	.12204	.25544	.247228	.002200	.03967	-.00721
JUN	12	42575	.12334	.25434	.244961	.002343	.03987	-.00712
JUN	13	42576	.12464	.25314	.242530	.002522	.03994	-.00699
JUN	14	42577	.12594	.25204	.239919	.002695	.03985	-.00683
JUN	15	42578	.12724	.25084	.237156	.002820	.03959	-.00669
JUN	16	42579	.12845	.24975	.234315	.002867	.03919	-.00658
JUN	17	42580	.12975	.24855	.231462	.002827	.03871	-.00653
JUN	18	42581	.13085	.24735	.228687	.002701	.03821	-.00654
JUN	19	42582	.13205	.24625	.226076	.002527	.03778	-.00662
JUN	20	42583	.13305	.24505	.223638	.002339	.03748	-.00674
JUN	21	42584	.13415	.24375	.221381	.002173	.03734	-.00687
JUN	22	42585	.13505	.24255	.219265	.002058	.03736	-.00699
JUN	23	42586	.13605	.24135	.217252	.001988	.03751	-.00707
JUN	24	42587	.13685	.24005	.215268	.001980	.03773	-.00709
JUN	25	42588	.13765	.23875	.213268	.002015	.03794	-.00704
JUN	26	42589	.13845	.23745	.211230	.002072	.03808	-.00693
JUN	27	42590	.13905	.23615	.209135	.002119	.03807	-.00678
JUN	28	42591	.13965	.23485	.206998	.002151	.03790	-.00662
JUN	29	42592	.14025	.23345	.204841	.002159	.03757	-.00649
JUN	30	42593	.14075	.23215	.202691	.002135	.03711	-.00639
JUL	1	42594	.14115	.23075	.200582	.002078	.03659	-.00636
JUL	2	42595	.14145	.22925	.198546	.001999	.03609	-.00640
JUL	3	42596	.14175	.22785	.196591	.001898	.03568	-.00649
JUL	4	42597	.14195	.22645	.194744	.001786	.03541	-.00662
JUL	5	42598	.14215	.22495	.193008	.001689	.03531	-.00675
JUL	6	42599	.14225	.22345	.191367	.001618	.03537	-.00686
JUL	7	42600	.14225	.22205	.189766	.001594	.03554	-.00691
JUL	8	42601	.14225	.22055	.188147	.001636	.03575	-.00691
JUL	9	42602	.14225	.21895	.186459	.001760	.03593	-.00684
JUL	10	42603	.14215	.21745	.184618	.001927	.03602	-.00672
JUL	11	42604	.14195	.21595	.182590	.002116	.03595	-.00656
JUL	12	42605	.14175	.21445	.180412	.002251	.03571	-.00641
JUL	13	42606	.14155	.21285	.178117	.002311	.03532	-.00628
JUL	14	42607	.14125	.21135	.175813	.002278	.03483	-.00621
JUL	15	42608	.14095	.20975	.173601	.002145	.03431	-.00620
JUL	16	42609	.14065	.20825	.171541	.001968	.03383	-.00626
JUL	17	42610	.14025	.20665	.169679	.001777	.03346	-.00637

JUL	18	42611	.13985	.20505	.167988	.001611	.03324	-.00650
JUL	19	42612	.13945	.20345	.166431	.001502	.03320	-.00663
JUL	20	42613	.13905	.20195	.164963	.001445	.03330	-.00673
JUL	21	42614	.13855	.20035	.163520	.001459	.03349	-.00677
JUL	22	42615	.13816	.19876	.162027	.001533	.03371	-.00674
JUL	23	42616	.13766	.19716	.160454	.001627	.03387	-.00665
JUL	24	42617	.13716	.19556	.158770	.001729	.03391	-.00652
JUL	25	42618	.13676	.19396	.156989	.001830	.03379	-.00636
JUL	26	42619	.13626	.19246	.155119	.001907	.03351	-.00622
JUL	27	42620	.13576	.19086	.153187	.001951	.03309	-.00611
JUL	28	42621	.13526	.18926	.151237	.001962	.03259	-.00606
JUL	29	42622	.13476	.18766	.149285	.001940	.03208	-.00608
JUL	30	42623	.13426	.18606	.147374	.001894	.03164	-.00616
JUL	31	42624	.13386	.18456	.145511	.001823	.03134	-.00628
AUG	1	42625	.13336	.18296	.143717	.001764	.03120	-.00642
AUG	2	42626	.13286	.18146	.141966	.001724	.03122	-.00654
AUG	3	42627	.13236	.17986	.140257	.001722	.03138	-.00662
AUG	4	42628	.13186	.17836	.138512	.001771	.03161	-.00664
AUG	5	42629	.13146	.17676	.136681	.001892	.03183	-.00659
AUG	6	42630	.13096	.17526	.134714	.002072	.03198	-.00649
AUG	7	42631	.13046	.17376	.132525	.002310	.03199	-.00635
AUG	8	42632	.12996	.17226	.130100	.002532	.03184	-.00619
AUG	9	42633	.12946	.17076	.127486	.002681	.03153	-.00606
AUG	10	42634	.12896	.16926	.124777	.002726	.03110	-.00597
AUG	11	42635	.12856	.16786	.122071	.002656	.03061	-.00595
AUG	12	42636	.12806	.16636	.119493	.002491	.03015	-.00599
AUG	13	42637	.12756	.16486	.117099	.002296	.02978	-.00608
AUG	14	42638	.12696	.16346	.114895	.002119	.02956	-.00621
AUG	15	42639	.12646	.16206	.112843	.002005	.02951	-.00635
AUG	16	42640	.12596	.16066	.110874	.001946	.02961	-.00646
AUG	17	42641	.12536	.15926	.108931	.001940	.02983	-.00652
AUG	18	42642	.12476	.15786	.106967	.001996	.03010	-.00652
AUG	19	42643	.12426	.15646	.104926	.002079	.03034	-.00646
AUG	20	42644	.12356	.15506	.102813	.002168	.03048	-.00633
AUG	21	42645	.12296	.15366	.100602	.002253	.03048	-.00618
AUG	22	42646	.12226	.15236	.098314	.002319	.03031	-.00603
AUG	23	42647	.12156	.15096	.095974	.002353	.02999	-.00591
AUG	24	42648	.12076	.14966	.093619	.002351	.02957	-.00584
AUG	25	42649	.12006	.14836	.091283	.002317	.02912	-.00584
AUG	26	42650	.11926	.14706	.089004	.002245	.02872	-.00590
AUG	27	42651	.11836	.14566	.086798	.002156	.02843	-.00601
AUG	28	42652	.11747	.14437	.084694	.002064	.02831	-.00615
AUG	29	42653	.11657	.14307	.082666	.001985	.02835	-.00628
AUG	30	42654	.11557	.14177	.080704	.001937	.02854	-.00637
AUG	31	42655	.11457	.14057	.078765	.001949	.02883	-.00641
SEP	1	42656	.11347	.13927	.076782	.002029	.02914	-.00639
SEP	2	42657	.11237	.13797	.074684	.002180	.02940	-.00630
SEP	3	42658	.11127	.13667	.072393	.002399	.02953	-.00616
SEP	4	42659	.11007	.13547	.069879	.002637	.02952	-.00600
SEP	5	42660	.10877	.13417	.067133	.002836	.02933	-.00586
SEP	6	42661	.10747	.13297	.064240	.002940	.02902	-.00575
SEP	7	42662	.10617	.13177	.061295	.002928	.02862	-.00570
SEP	8	42663	.10477	.13047	.058423	.002800	.02822	-.00571

SEP	9	42664	.10337	.12927	.055728	.002603	.02790	-.00579
SEP	10	42665	.10187	.12807	.053220	.002408	.02771	-.00591
SEP	11	42666	.10037	.12687	.050908	.002246	.02769	-.00604
SEP	12	42667	.09887	.12567	.048714	.002154	.02783	-.00615
SEP	13	42668	.09727	.12457	.046576	.002133	.02811	-.00623
SEP	14	42669	.09567	.12337	.044429	.002170	.02846	-.00624
SEP	15	42670	.09397	.12217	.042213	.002256	.02880	-.00619
SEP	16	42671	.09227	.12107	.039919	.002354	.02907	-.00607
SEP	17	42672	.09057	.11997	.037514	.002456	.02920	-.00592
SEP	18	42673	.08877	.11887	.035002	.002555	.02916	-.00576
SEP	19	42674	.08697	.11777	.032413	.002617	.02897	-.00561
SEP	20	42675	.08517	.11667	.029778	.002656	.02867	-.00552
SEP	21	42676	.08337	.11557	.027124	.002659	.02831	-.00548
SEP	22	42677	.08147	.11457	.024481	.002633	.02797	-.00551
SEP	23	42678	.07947	.11347	.021875	.002576	.02773	-.00560
SEP	24	42679	.07757	.11247	.019321	.002522	.02764	-.00572
SEP	25	42680	.07557	.11147	.016818	.002476	.02771	-.00584
SEP	26	42681	.07357	.11047	.014361	.002453	.02795	-.00594
SEP	27	42682	.07157	.10947	.011896	.002474	.02830	-.00599
SEP	28	42683	.06947	.10847	.009394	.002541	.02869	-.00597
SEP	29	42684	.06737	.10757	.006791	.002685	.02906	-.00589
SEP	30	42685	.06527	.10657	.004013	.002881	.02932	-.00575
OCT	1	42686	.06317	.10567	.001015	.003117	.02944	-.00558
OCT	2	42687	.06097	.10477	-.002220	.003349	.02939	-.00542
OCT	3	42688	.05878	.10398	-.005674	.003524	.02919	-.00528
OCT	4	42689	.05658	.10308	-.009243	.003605	.02890	-.00519
OCT	5	42690	.05428	.10228	-.012833	.003554	.02857	-.00517
OCT	6	42691	.05198	.10148	-.016318	.003402	.02830	-.00522
OCT	7	42692	.04968	.10078	-.019620	.003202	.02813	-.00531
OCT	8	42693	.04728	.10008	-.022726	.003005	.02813	-.00542
OCT	9	42694	.04488	.09938	-.025660	.002877	.02830	-.00553
OCT	10	42695	.04248	.09868	-.028495	.002815	.02861	-.00561
OCT	11	42696	.04008	.09808	-.031302	.002820	.02902	-.00563
OCT	12	42697	.03758	.09748	-.034140	.002861	.02944	-.00558
OCT	13	42698	.03508	.09698	-.037043	.002937	.02981	-.00547
OCT	14	42699	.03248	.09648	-.040016	.003009	.03006	-.00531
OCT	15	42700	.02998	.09608	-.043069	.003085	.03015	-.00513
OCT	16	42701	.02738	.09568	-.046169	.003132	.03007	-.00496
OCT	17	42702	.02468	.09528	-.049312	.003148	.02986	-.00483
OCT	18	42703	.02208	.09498	-.052455	.003130	.02957	-.00476
OCT	19	42704	.01938	.09478	-.055554	.003071	.02928	-.00475
OCT	20	42705	.01668	.09458	-.058590	.002999	.02906	-.00481
OCT	21	42706	.01388	.09448	-.061538	.002906	.02897	-.00490
OCT	22	42707	.01108	.09438	-.064404	.002826	.02905	-.00501
OCT	23	42708	.00838	.09428	-.067186	.002754	.02929	-.00511
OCT	24	42709	.00558	.09438	-.069924	.002728	.02967	-.00516
OCT	25	42710	.00268	.09438	-.072658	.002741	.03011	-.00514
OCT	26	42711	-.00012	.09458	-.075436	.002824	.03054	-.00507
OCT	27	42712	-.00292	.09468	-.078327	.002965	.03089	-.00493
OCT	28	42713	-.00582	.09498	-.081390	.003158	.03110	-.00475
OCT	29	42714	-.00872	.09528	-.084646	.003354	.03115	-.00457
OCT	30	42715	-.01152	.09558	-.088089	.003532	.03104	-.00441
OCT	31	42716	-.01442	.09598	-.091688	.003641	.03080	-.00429

NOV	1	42717	-.01722	.09648	-.095348	.003650	.03052	-.00423
NOV	2	42718	-.02002	.09698	-.098952	.003556	.03025	-.00424
NOV	3	42719	-.02282	.09748	-.102434	.003388	.03008	-.00431
NOV	4	42720	-.02562	.09818	-.105722	.003199	.03006	-.00441
NOV	5	42721	-.02842	.09878	-.108833	.003042	.03020	-.00451
NOV	6	42722	-.03112	.09958	-.111818	.002942	.03050	-.00459
NOV	7	42723	-.03392	.10028	-.114750	.002914	.03091	-.00461
NOV	8	42724	-.03652	.10118	-.117675	.002953	.03136	-.00457
NOV	9	42725	-.03921	.10199	-.120658	.003013	.03178	-.00447
NOV	10	42726	-.04181	.10299	-.123704	.003081	.03209	-.00431
NOV	11	42727	-.04431	.10389	-.126817	.003143	.03225	-.00413
NOV	12	42728	-.04691	.10499	-.129974	.003178	.03225	-.00394
NOV	13	42729	-.04941	.10599	-.133165	.003199	.03209	-.00379
NOV	14	42730	-.05181	.10719	-.136361	.003178	.03183	-.00369
NOV	15	42731	-.05421	.10829	-.139512	.003127	.03154	-.00366
NOV	16	42732	-.05661	.10949	-.142607	.003061	.03130	-.00369
NOV	17	42733	-.05891	.11079	-.145628	.002971	.03117	-.00377
NOV	18	42734	-.06121	.11199	-.148548	.002870	.03120	-.00387
NOV	19	42735	-.06351	.11339	-.151373	.002794	.03139	-.00396
NOV	20	42736	-.06581	.11469	-.154147	.002747	.03173	-.00403
NOV	21	42737	-.06801	.11609	-.156883	.002736	.03216	-.00403
NOV	22	42738	-.07021	.11749	-.159637	.002790	.03260	-.00397
NOV	23	42739	-.07251	.11899	-.162471	.002888	.03298	-.00385
NOV	24	42740	-.07461	.12049	-.165426	.003036	.03324	-.00368
NOV	25	42741	-.07681	.12199	-.168539	.003189	.03333	-.00350
NOV	26	42742	-.07901	.12349	-.171807	.003332	.03326	-.00332
NOV	27	42743	-.08121	.12509	-.175175	.003412	.03305	-.00319
NOV	28	42744	-.08341	.12669	-.178606	.003426	.03276	-.00311
NOV	29	42745	-.08551	.12839	-.181999	.003355	.03247	-.00310
NOV	30	42746	-.08771	.12999	-.185293	.003202	.03225	-.00316
DEC	1	42747	-.08991	.13169	-.188401	.003022	.03216	-.00325
DEC	2	42748	-.09201	.13349	-.191329	.002839	.03223	-.00336
DEC	3	42749	-.09421	.13519	-.194095	.002704	.03247	-.00345
DEC	4	42750	-.09631	.13699	-.196759	.002637	.03283	-.00350
DEC	5	42751	-.09851	.13879	-.199400	.002634	.03325	-.00349
DEC	6	42752	-.10061	.14059	-.202050	.002672	.03367	-.00341
DEC	7	42753	-.10271	.14239	-.204759	.002735	.03400	-.00328
DEC	8	42754	-.10481	.14429	-.207508	.002782	.03419	-.00311
DEC	9	42755	-.10691	.14619	-.210306	.002810	.03421	-.00293
DEC	10	42756	-.10891	.14809	-.213120	.002823	.03407	-.00278
DEC	11	42757	-.11091	.14999	-.215944	.002818	.03381	-.00267
DEC	12	42758	-.11291	.15199	-.218756	.002793	.03349	-.00263
DEC	13	42759	-.11481	.15389	-.221510	.002731	.03320	-.00265
DEC	14	42760	-.11671	.15589	-.224214	.002674	.03300	-.00273
DEC	15	42761	-.11860	.15790	-.226856	.002603	.03295	-.00284
DEC	16	42762	-.12040	.15990	-.229423	.002543	.03306	-.00296
DEC	17	42763	-.12220	.16200	-.231952	.002521	.03333	-.00305
DEC	18	42764	-.12390	.16400	-.234478	.002529	.03370	-.00309
DEC	19	42765	-.12550	.16610	-.237028	.002581	.03411	-.00307
DEC	20	42766	-.12710	.16810	-.239659	.002690	.03449	-.00299
DEC	21	42767	-.12870	.17020	-.242424	.002833	.03476	-.00285
DEC	22	42768	-.13020	.17230	-.245342	.003003	.03488	-.00269
DEC	23	42769	-.13160	.17440	-.248412	.003133	.03482	-.00253

DEC	24	42770	-.13300	.17660	-.251599	.003218	.03462	-.00240
DEC	25	42771	-.13430	.17870	-.254823	.003227	.03431	-.00232
DEC	26	42772	-.13560	.18090	-.258017	.003149	.03398	-.00232
DEC	27	42773	-.13680	.18310	-.261100	.003008	.03369	-.00238
DEC	28	42774	-.13800	.18530	-.264011	.002821	.03352	-.00248
DEC	29	42775	-.13910	.18750	-.266742	.002645	.03351	-.00262
DEC	30	42776	-.14020	.18970	-.269312	.002504	.03366	-.00274
DEC	31	42777	-.14120	.19200	-.271770	.002422	.03395	-.00284