

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 ==> 1967								
JAN	1	39491	.09990	.16570	.011265	.002424	.05730	.00384
JAN	2	39492	.09790	.16520	.011334	.002612	.05704	.00393
JAN	3	39493	.09590	.16470	.011261	.002695	.05671	.00395
JAN	4	39494	.09390	.16430	.011180	.002644	.05640	.00391
JAN	5	39495	.09190	.16380	.011202	.002484	.05618	.00381
JAN	6	39496	.08980	.16340	.011427	.002238	.05611	.00367
JAN	7	39497	.08780	.16300	.011913	.001993	.05620	.00353
JAN	8	39498	.08570	.16250	.012618	.001777	.05644	.00341
JAN	9	39499	.08360	.16210	.013500	.001665	.05680	.00333
JAN	10	39500	.08160	.16170	.014443	.001654	.05720	.00332
JAN	11	39501	.07950	.16130	.015340	.001728	.05758	.00338
JAN	12	39502	.07740	.16090	.016135	.001880	.05785	.00348
JAN	13	39503	.07540	.16050	.016758	.002057	.05797	.00362
JAN	14	39504	.07340	.16010	.017201	.002245	.05792	.00375
JAN	15	39505	.07140	.15970	.017446	.002408	.05772	.00385
JAN	16	39506	.06940	.15930	.017569	.002527	.05742	.00390
JAN	17	39507	.06750	.15890	.017601	.002579	.05708	.00388
JAN	18	39508	.06560	.15850	.017620	.002573	.05678	.00380
JAN	19	39509	.06370	.15810	.017664	.002512	.05660	.00367
JAN	20	39510	.06191	.15771	.017800	.002399	.05657	.00351
JAN	21	39511	.06011	.15731	.018056	.002268	.05671	.00335
JAN	22	39512	.05841	.15701	.018456	.002123	.05699	.00322
JAN	23	39513	.05671	.15661	.018989	.002009	.05737	.00315
JAN	24	39514	.05501	.15621	.019603	.001968	.05776	.00315
JAN	25	39515	.05341	.15591	.020206	.002026	.05810	.00320
JAN	26	39516	.05181	.15551	.020689	.002216	.05832	.00330
JAN	27	39517	.05031	.15521	.020933	.002479	.05838	.00342
JAN	28	39518	.04881	.15481	.020893	.002779	.05827	.00353
JAN	29	39519	.04741	.15451	.020585	.003001	.05803	.00360
JAN	30	39520	.04601	.15421	.020123	.003099	.05770	.00361
JAN	31	39521	.04471	.15391	.019630	.003052	.05736	.00355
FEB	1	39522	.04341	.15361	.019256	.002867	.05710	.00343
FEB	2	39523	.04221	.15331	.019115	.002606	.05696	.00327
FEB	3	39524	.04101	.15301	.019241	.002314	.05699	.00309
FEB	4	39525	.03991	.15271	.019664	.002061	.05718	.00293
FEB	5	39526	.03881	.15241	.020282	.001899	.05750	.00280
FEB	6	39527	.03771	.15211	.021003	.001846	.05789	.00274
FEB	7	39528	.03671	.15191	.021727	.001900	.05828	.00274
FEB	8	39529	.03581	.15161	.022368	.002028	.05858	.00279

FEB	9	39530	.03481	.15131	.022846	.002211	.05875	.00289
FEB	10	39531	.03391	.15111	.023132	.002395	.05875	.00299
FEB	11	39532	.03311	.15081	.023232	.002572	.05860	.00308
FEB	12	39533	.03221	.15061	.023184	.002706	.05832	.00311
FEB	13	39534	.03141	.15031	.023029	.002793	.05798	.00309
FEB	14	39535	.03071	.15011	.022798	.002818	.05766	.00299
FEB	15	39536	.02991	.14981	.022583	.002775	.05744	.00284
FEB	16	39537	.02921	.14961	.022444	.002686	.05736	.00266
FEB	17	39538	.02851	.14931	.022401	.002568	.05745	.00247
FEB	18	39539	.02791	.14901	.022490	.002444	.05769	.00230
FEB	19	39540	.02721	.14881	.022678	.002339	.05805	.00218
FEB	20	39541	.02661	.14851	.022964	.002280	.05845	.00213
FEB	21	39542	.02601	.14821	.023277	.002304	.05883	.00214
FEB	22	39543	.02541	.14791	.023494	.002452	.05910	.00220
FEB	23	39544	.02491	.14761	.023513	.002698	.05922	.00229
FEB	24	39545	.02431	.14731	.023255	.003023	.05917	.00238
FEB	25	39546	.02371	.14691	.022662	.003323	.05897	.00244
FEB	26	39547	.02322	.14662	.021817	.003523	.05867	.00245
FEB	27	39548	.02272	.14622	.020863	.003544	.05834	.00239
FEB	28	39549	.02222	.14592	.019978	.003380	.05805	.00227
MAR	1	39550	.02162	.14552	.019326	.003100	.05788	.00209
MAR	2	39551	.02112	.14512	.018984	.002772	.05786	.00190
MAR	3	39552	.02062	.14472	.018960	.002477	.05801	.00170
MAR	4	39553	.02012	.14432	.019181	.002267	.05831	.00154
MAR	5	39554	.01962	.14392	.019570	.002164	.05870	.00144
MAR	6	39555	.01922	.14342	.019999	.002165	.05910	.00140
MAR	7	39556	.01872	.14302	.020394	.002257	.05945	.00143
MAR	8	39557	.01822	.14262	.020658	.002391	.05968	.00150
MAR	9	39558	.01772	.14222	.020776	.002555	.05975	.00159
MAR	10	39559	.01732	.14172	.020731	.002720	.05966	.00167
MAR	11	39560	.01682	.14132	.020537	.002840	.05942	.00171
MAR	12	39561	.01632	.14092	.020239	.002916	.05911	.00169
MAR	13	39562	.01582	.14052	.019918	.002917	.05879	.00161
MAR	14	39563	.01542	.14012	.019617	.002855	.05854	.00147
MAR	15	39564	.01492	.13972	.019417	.002740	.05842	.00128
MAR	16	39565	.01442	.13942	.019349	.002581	.05846	.00108
MAR	17	39566	.01392	.13902	.019428	.002432	.05867	.00089
MAR	18	39567	.01342	.13872	.019670	.002287	.05901	.00075
MAR	19	39568	.01292	.13842	.020028	.002197	.05942	.00067
MAR	20	39569	.01242	.13822	.020443	.002172	.05982	.00066
MAR	21	39570	.01192	.13792	.020829	.002266	.06014	.00070
MAR	22	39571	.01142	.13772	.021061	.002481	.06032	.00078
MAR	23	39572	.01092	.13762	.021022	.002798	.06033	.00088
MAR	24	39573	.01042	.13752	.020642	.003151	.06018	.00095
MAR	25	39574	.00992	.13742	.019919	.003447	.05991	.00098
MAR	26	39575	.00932	.13742	.018968	.003606	.05959	.00094
MAR	27	39576	.00882	.13742	.017963	.003563	.05929	.00084
MAR	28	39577	.00822	.13742	.017092	.003346	.05907	.00068
MAR	29	39578	.00772	.13752	.016485	.003030	.05901	.00049
MAR	30	39579	.00712	.13772	.016204	.002720	.05911	.00030
MAR	31	39580	.00652	.13792	.016210	.002484	.05936	.00013
APR	1	39581	.00592	.13812	.016395	.002355	.05973	.00002
APR	2	39582	.00542	.13842	.016650	.002344	.06014	-.00004

APR	3	39583	.00482	.13872	.016867	.002426	.06051	-.00002
APR	4	39584	.00423	.13913	.016969	.002559	.06079	.00005
APR	5	39585	.00363	.13943	.016911	.002729	.06090	.00014
APR	6	39586	.00303	.13983	.016692	.002886	.06086	.00024
APR	7	39587	.00253	.14023	.016329	.003035	.06065	.00031
APR	8	39588	.00203	.14063	.015839	.003126	.06035	.00032
APR	9	39589	.00153	.14113	.015287	.003166	.06002	.00028
APR	10	39590	.00103	.14163	.014729	.003130	.05973	.00016
APR	11	39591	.00053	.14213	.014248	.003025	.05955	.00000
APR	12	39592	-.00007	.14263	.013874	.002889	.05953	-.00018
APR	13	39593	-.00067	.14313	.013657	.002734	.05967	-.00036
APR	14	39594	-.00127	.14363	.013592	.002579	.05996	-.00050
APR	15	39595	-.00187	.14413	.013667	.002452	.06034	-.00059
APR	16	39596	-.00247	.14463	.013837	.002391	.06073	-.00060
APR	17	39597	-.00307	.14513	.014025	.002431	.06106	-.00056
APR	18	39598	-.00367	.14563	.014118	.002571	.06127	-.00047
APR	19	39599	-.00427	.14613	.014019	.002825	.06132	-.00035
APR	20	39600	-.00487	.14663	.013627	.003147	.06120	-.00025
APR	21	39601	-.00547	.14713	.012917	.003454	.06094	-.00019
APR	22	39602	-.00597	.14763	.011929	.003668	.06060	-.00018
APR	23	39603	-.00647	.14813	.010806	.003716	.06025	-.00024
APR	24	39604	-.00697	.14863	.009731	.003575	.05997	-.00036
APR	25	39605	-.00737	.14903	.008886	.003287	.05982	-.00052
APR	26	39606	-.00767	.14943	.008359	.002948	.05984	-.00069
APR	27	39607	-.00797	.14983	.008169	.002635	.06001	-.00084
APR	28	39608	-.00827	.15023	.008233	.002439	.06031	-.00095
APR	29	39609	-.00857	.15063	.008438	.002362	.06068	-.00100
APR	30	39610	-.00877	.15103	.008651	.002409	.06104	-.00099
MAY	1	39611	-.00897	.15143	.008776	.002530	.06131	-.00091
MAY	2	39612	-.00917	.15183	.008759	.002687	.06144	-.00079
MAY	3	39613	-.00937	.15213	.008593	.002845	.06140	-.00067
MAY	4	39614	-.00947	.15243	.008268	.002979	.06120	-.00056
MAY	5	39615	-.00957	.15273	.007830	.003069	.06088	-.00050
MAY	6	39616	-.00967	.15303	.007329	.003103	.06050	-.00050
MAY	7	39617	-.00977	.15333	.006825	.003064	.06014	-.00057
MAY	8	39618	-.00977	.15363	.006401	.002964	.05987	-.00069
MAY	9	39619	-.00977	.15393	.006102	.002807	.05975	-.00084
MAY	10	39620	-.00966	.15424	.005978	.002632	.05979	-.00100
MAY	11	39621	-.00966	.15454	.006029	.002448	.05998	-.00113
MAY	12	39622	-.00956	.15484	.006251	.002297	.06028	-.00121
MAY	13	39623	-.00936	.15504	.006605	.002206	.06062	-.00122
MAY	14	39624	-.00926	.15534	.007009	.002191	.06093	-.00117
MAY	15	39625	-.00906	.15544	.007380	.002274	.06112	-.00106
MAY	16	39626	-.00886	.15564	.007620	.002452	.06116	-.00093
MAY	17	39627	-.00866	.15574	.007634	.002709	.06104	-.00079
MAY	18	39628	-.00846	.15594	.007385	.002977	.06076	-.00069
MAY	19	39629	-.00816	.15604	.006878	.003204	.06037	-.00064
MAY	20	39630	-.00796	.15614	.006199	.003310	.05996	-.00065
MAY	21	39631	-.00766	.15614	.005503	.003242	.05958	-.00072
MAY	22	39632	-.00736	.15624	.004948	.003024	.05932	-.00085
MAY	23	39633	-.00706	.15634	.004670	.002693	.05922	-.00099
MAY	24	39634	-.00676	.15634	.004737	.002360	.05928	-.00113
MAY	25	39635	-.00646	.15644	.005107	.002099	.05948	-.00124

MAY	26	39636	-.00606	.15654	.005688	.001951	.05977	-.00128
MAY	27	39637	-.00576	.15664	.006342	.001940	.06007	-.00126
MAY	28	39638	-.00546	.15674	.006966	.002016	.06031	-.00118
MAY	29	39639	-.00516	.15684	.007484	.002142	.06042	-.00105
MAY	30	39640	-.00486	.15694	.007869	.002276	.06037	-.00090
MAY	31	39641	-.00456	.15714	.008140	.002379	.06015	-.00076
JUN	1	39642	-.00436	.15734	.008307	.002448	.05979	-.00066
JUN	2	39643	-.00406	.15754	.008442	.002463	.05935	-.00062
JUN	3	39644	-.00376	.15774	.008592	.002407	.05890	-.00065
JUN	4	39645	-.00356	.15804	.008838	.002291	.05853	-.00073
JUN	5	39646	-.00336	.15824	.009217	.002135	.05828	-.00086
JUN	6	39647	-.00316	.15864	.009770	.001936	.05820	-.00100
JUN	7	39648	-.00296	.15894	.010518	.001740	.05827	-.00112
JUN	8	39649	-.00276	.15934	.011464	.001556	.05848	-.00120
JUN	9	39650	-.00266	.15974	.012579	.001427	.05874	-.00121
JUN	10	39651	-.00256	.16014	.013763	.001401	.05900	-.00116
JUN	11	39652	-.00246	.16064	.014924	.001474	.05916	-.00106
JUN	12	39653	-.00236	.16114	.015974	.001640	.05919	-.00091
JUN	13	39654	-.00226	.16164	.016812	.001882	.05905	-.00075
JUN	14	39655	-.00226	.16224	.017395	.002144	.05874	-.00062
JUN	15	39656	-.00226	.16274	.017718	.002369	.05832	-.00053
JUN	16	39657	-.00225	.16335	.017859	.002509	.05784	-.00051
JUN	17	39658	-.00225	.16395	.017935	.002504	.05738	-.00055
JUN	18	39659	-.00235	.16465	.018080	.002375	.05701	-.00065
JUN	19	39660	-.00245	.16525	.018402	.002136	.05679	-.00078
JUN	20	39661	-.00255	.16595	.019002	.001844	.05673	-.00091
JUN	21	39662	-.00265	.16665	.019883	.001587	.05683	-.00101
JUN	22	39663	-.00275	.16735	.020985	.001419	.05703	-.00107
JUN	23	39664	-.00295	.16805	.022183	.001387	.05727	-.00106
JUN	24	39665	-.00305	.16885	.023353	.001458	.05748	-.00099
JUN	25	39666	-.00325	.16955	.024424	.001599	.05758	-.00086
JUN	26	39667	-.00345	.17035	.025328	.001763	.05753	-.00070
JUN	27	39668	-.00365	.17105	.026084	.001910	.05730	-.00055
JUN	28	39669	-.00385	.17185	.026713	.002005	.05693	-.00043
JUN	29	39670	-.00405	.17265	.027275	.002052	.05645	-.00036
JUN	30	39671	-.00425	.17335	.027819	.002028	.05595	-.00035
JUL	1	39672	-.00445	.17415	.028419	.001953	.05549	-.00042
JUL	2	39673	-.00465	.17495	.029110	.001828	.05515	-.00052
JUL	3	39674	-.00495	.17565	.029956	.001667	.05497	-.00066
JUL	4	39675	-.00515	.17645	.030961	.001492	.05495	-.00078
JUL	5	39676	-.00535	.17715	.032148	.001330	.05507	-.00087
JUL	6	39677	-.00565	.17785	.033467	.001223	.05528	-.00091
JUL	7	39678	-.00585	.17855	.034867	.001182	.05551	-.00087
JUL	8	39679	-.00605	.17925	.036259	.001242	.05567	-.00078
JUL	9	39680	-.00635	.17995	.037529	.001415	.05571	-.00064
JUL	10	39681	-.00655	.18065	.038583	.001656	.05559	-.00048
JUL	11	39682	-.00675	.18125	.039388	.001924	.05530	-.00034
JUL	12	39683	-.00695	.18195	.039929	.002163	.05488	-.00023
JUL	13	39684	-.00725	.18255	.040285	.002286	.05438	-.00018
JUL	14	39685	-.00745	.18315	.040571	.002288	.05388	-.00020
JUL	15	39686	-.00765	.18365	.040934	.002155	.05345	-.00028
JUL	16	39687	-.00785	.18415	.041476	.001928	.05315	-.00041
JUL	17	39688	-.00805	.18475	.042284	.001642	.05302	-.00054

JUL	18	39689	-.00825	.18515	.043366	.001375	.05306	-.00066
JUL	19	39690	-.00845	.18565	.044688	.001187	.05322	-.00073
JUL	20	39691	-.00865	.18605	.046134	.001122	.05344	-.00075
JUL	21	39692	-.00885	.18645	.047586	.001172	.05366	-.00069
JUL	22	39693	-.00894	.18686	.048941	.001309	.05379	-.00058
JUL	23	39694	-.00914	.18716	.050134	.001487	.05378	-.00044
JUL	24	39695	-.00934	.18746	.051148	.001671	.05361	-.00028
JUL	25	39696	-.00954	.18776	.052006	.001807	.05328	-.00015
JUL	26	39697	-.00964	.18806	.052745	.001894	.05283	-.00006
JUL	27	39698	-.00984	.18826	.053430	.001915	.05233	-.00004
JUL	28	39699	-.00994	.18856	.054126	.001872	.05185	-.00009
JUL	29	39700	-.01014	.18876	.054894	.001774	.05148	-.00018
JUL	30	39701	-.01024	.18886	.055781	.001639	.05125	-.00032
JUL	31	39702	-.01034	.18906	.056803	.001486	.05119	-.00045
AUG	1	39703	-.01054	.18916	.057987	.001351	.05129	-.00056
AUG	2	39704	-.01064	.18936	.059281	.001249	.05149	-.00062
AUG	3	39705	-.01074	.18946	.060648	.001211	.05174	-.00061
AUG	4	39706	-.01084	.18956	.062018	.001257	.05196	-.00054
AUG	5	39707	-.01094	.18956	.063276	.001424	.05207	-.00041
AUG	6	39708	-.01114	.18966	.064316	.001690	.05202	-.00026
AUG	7	39709	-.01124	.18976	.065069	.001999	.05182	-.00011
AUG	8	39710	-.01134	.18976	.065505	.002298	.05146	.00001
AUG	9	39711	-.01144	.18976	.065694	.002492	.05101	.00007
AUG	10	39712	-.01164	.18976	.065751	.002549	.05054	.00006
AUG	11	39713	-.01174	.18976	.065838	.002442	.05011	.00000
AUG	12	39714	-.01184	.18976	.066086	.002227	.04981	-.00012
AUG	13	39715	-.01204	.18976	.066581	.001958	.04967	-.00025
AUG	14	39716	-.01214	.18976	.067355	.001695	.04970	-.00038
AUG	15	39717	-.01234	.18976	.068358	.001506	.04987	-.00048
AUG	16	39718	-.01244	.18966	.069486	.001426	.05013	-.00051
AUG	17	39719	-.01264	.18966	.070647	.001460	.05040	-.00048
AUG	18	39720	-.01284	.18966	.071724	.001588	.05062	-.00039
AUG	19	39721	-.01314	.18956	.072643	.001760	.05072	-.00026
AUG	20	39722	-.01334	.18956	.073381	.001954	.05065	-.00010
AUG	21	39723	-.01364	.18946	.073937	.002109	.05043	.00004
AUG	22	39724	-.01384	.18936	.074361	.002210	.05007	.00014
AUG	23	39725	-.01414	.18936	.074719	.002253	.04964	.00018
AUG	24	39726	-.01454	.18926	.075069	.002216	.04921	.00016
AUG	25	39727	-.01484	.18916	.075488	.002117	.04886	.00007
AUG	26	39728	-.01524	.18906	.076030	.001985	.04865	-.00005
AUG	27	39729	-.01564	.18906	.076716	.001822	.04860	-.00019
AUG	28	39730	-.01603	.18897	.077566	.001661	.04872	-.00031
AUG	29	39731	-.01643	.18887	.078564	.001528	.04897	-.00038
AUG	30	39732	-.01693	.18887	.079672	.001448	.04929	-.00040
AUG	31	39733	-.01733	.18877	.080822	.001449	.04960	-.00034
SEP	1	39734	-.01783	.18867	.081930	.001544	.04982	-.00023
SEP	2	39735	-.01833	.18857	.082887	.001749	.04991	-.00009
SEP	3	39736	-.01883	.18857	.083583	.002050	.04983	.00007
SEP	4	39737	-.01943	.18847	.083971	.002372	.04960	.00020
SEP	5	39738	-.01993	.18837	.084062	.002618	.04925	.00029
SEP	6	39739	-.02053	.18837	.083953	.002730	.04886	.00031
SEP	7	39740	-.02103	.18827	.083842	.002653	.04849	.00027
SEP	8	39741	-.02163	.18827	.083880	.002439	.04822	.00017

SEP	9	39742	-.02213	.18817	.084186	.002135	.04811	.00005
SEP	10	39743	-.02273	.18817	.084792	.001840	.04817	-.00009
SEP	11	39744	-.02323	.18807	.085670	.001620	.04838	-.00019
SEP	12	39745	-.02373	.18807	.086704	.001515	.04871	-.00024
SEP	13	39746	-.02433	.18797	.087770	.001542	.04907	-.00023
SEP	14	39747	-.02483	.18797	.088776	.001659	.04940	-.00015
SEP	15	39748	-.02533	.18787	.089610	.001850	.04963	-.00001
SEP	16	39749	-.02583	.18787	.090249	.002073	.04971	.00015
SEP	17	39750	-.02633	.18787	.090650	.002280	.04962	.00030
SEP	18	39751	-.02683	.18787	.090885	.002431	.04938	.00043
SEP	19	39752	-.02723	.18787	.091000	.002517	.04906	.00050
SEP	20	39753	-.02773	.18787	.091066	.002521	.04871	.00050
SEP	21	39754	-.02813	.18787	.091162	.002468	.04841	.00045
SEP	22	39755	-.02853	.18787	.091339	.002353	.04824	.00034
SEP	23	39756	-.02893	.18787	.091657	.002198	.04822	.00022
SEP	24	39757	-.02933	.18797	.092125	.002049	.04838	.00010
SEP	25	39758	-.02963	.18797	.092731	.001914	.04868	.00002
SEP	26	39759	-.03003	.18807	.093460	.001816	.04907	.00000
SEP	27	39760	-.03033	.18817	.094256	.001797	.04947	.00004
SEP	28	39761	-.03063	.18827	.095026	.001859	.04981	.00015
SEP	29	39762	-.03083	.18837	.095684	.002026	.05003	.00030
SEP	30	39763	-.03113	.18857	.096122	.002303	.05009	.00047
OCT	1	39764	-.03133	.18867	.096248	.002620	.04999	.00063
OCT	2	39765	-.03163	.18887	.096067	.002922	.04976	.00074
OCT	3	39766	-.03182	.18908	.095619	.003140	.04945	.00080
OCT	4	39767	-.03192	.18928	.095046	.003174	.04915	.00079
OCT	5	39768	-.03212	.18958	.094526	.003018	.04892	.00072
OCT	6	39769	-.03222	.18978	.094228	.002731	.04884	.00062
OCT	7	39770	-.03232	.19008	.094261	.002394	.04892	.00050
OCT	8	39771	-.03242	.19038	.094614	.002106	.04916	.00040
OCT	9	39772	-.03252	.19068	.095200	.001934	.04953	.00034
OCT	10	39773	-.03262	.19108	.095880	.001909	.04997	.00035
OCT	11	39774	-.03262	.19138	.096522	.002003	.05039	.00043
OCT	12	39775	-.03272	.19178	.097030	.002181	.05073	.00056
OCT	13	39776	-.03272	.19218	.097341	.002379	.05092	.00073
OCT	14	39777	-.03272	.19258	.097455	.002568	.05096	.00090
OCT	15	39778	-.03272	.19298	.097397	.002729	.05083	.00106
OCT	16	39779	-.03272	.19338	.097206	.002832	.05059	.00116
OCT	17	39780	-.03262	.19378	.096946	.002867	.05031	.00121
OCT	18	39781	-.03262	.19428	.096687	.002823	.05005	.00119
OCT	19	39782	-.03262	.19468	.096501	.002721	.04989	.00111
OCT	20	39783	-.03252	.19518	.096439	.002580	.04988	.00100
OCT	21	39784	-.03252	.19558	.096526	.002436	.05004	.00090
OCT	22	39785	-.03242	.19608	.096761	.002299	.05036	.00082
OCT	23	39786	-.03232	.19658	.097115	.002193	.05078	.00079
OCT	24	39787	-.03222	.19698	.097534	.002151	.05124	.00083
OCT	25	39788	-.03212	.19748	.097977	.002180	.05166	.00093
OCT	26	39789	-.03212	.19798	.098323	.002303	.05198	.00108
OCT	27	39790	-.03202	.19838	.098519	.002520	.05214	.00127
OCT	28	39791	-.03192	.19888	.098449	.002811	.05213	.00144
OCT	29	39792	-.03172	.19938	.098079	.003117	.05198	.00159
OCT	30	39793	-.03162	.19978	.097411	.003382	.05173	.00168
OCT	31	39794	-.03152	.20028	.096539	.003506	.05145	.00171

NOV	1	39795	-.03142	.20068	.095651	.003439	.05124	.00167
NOV	2	39796	-.03132	.20118	.094900	.003217	.05113	.00159
NOV	3	39797	-.03112	.20158	.094443	.002889	.05119	.00149
NOV	4	39798	-.03102	.20208	.094314	.002557	.05142	.00139
NOV	5	39799	-.03082	.20248	.094479	.002323	.05178	.00133
NOV	6	39800	-.03072	.20288	.094800	.002231	.05224	.00133
NOV	7	39801	-.03062	.20338	.095152	.002277	.05270	.00139
NOV	8	39802	-.03042	.20378	.095405	.002410	.05309	.00152
NOV	9	39803	-.03031	.20419	.095487	.002597	.05336	.00169
NOV	10	39804	-.03011	.20459	.095393	.002779	.05347	.00188
NOV	11	39805	-.03001	.20499	.095122	.002924	.05341	.00205
NOV	12	39806	-.02981	.20549	.094743	.003005	.05322	.00218
NOV	13	39807	-.02971	.20589	.094315	.003022	.05296	.00226
NOV	14	39808	-.02951	.20629	.093901	.002974	.05269	.00226
NOV	15	39809	-.02941	.20679	.093566	.002857	.05251	.00221
NOV	16	39810	-.02931	.20719	.093382	.002696	.05246	.00212
NOV	17	39811	-.02911	.20769	.093362	.002513	.05257	.00201
NOV	18	39812	-.02901	.20809	.093523	.002337	.05284	.00193
NOV	19	39813	-.02891	.20859	.093856	.002197	.05324	.00189
NOV	20	39814	-.02881	.20909	.094311	.002096	.05370	.00191
NOV	21	39815	-.02871	.20969	.094819	.002082	.05414	.00199
NOV	22	39816	-.02861	.21019	.095297	.002156	.05450	.00214
NOV	23	39817	-.02851	.21069	.095649	.002324	.05471	.00231
NOV	24	39818	-.02841	.21129	.095816	.002552	.05475	.00250
NOV	25	39819	-.02841	.21189	.095713	.002816	.05463	.00266
NOV	26	39820	-.02831	.21249	.095360	.003071	.05440	.00277
NOV	27	39821	-.02831	.21309	.094790	.003240	.05411	.00282
NOV	28	39822	-.02831	.21379	.094118	.003267	.05386	.00280
NOV	29	39823	-.02821	.21439	.093492	.003138	.05370	.00273
NOV	30	39824	-.02821	.21509	.093067	.002875	.05369	.00263
DEC	1	39825	-.02821	.21579	.092941	.002556	.05385	.00252
DEC	2	39826	-.02831	.21649	.093121	.002289	.05416	.00244
DEC	3	39827	-.02831	.21729	.093513	.002141	.05457	.00241
DEC	4	39828	-.02831	.21799	.093981	.002138	.05502	.00245
DEC	5	39829	-.02841	.21879	.094377	.002268	.05543	.00255
DEC	6	39830	-.02841	.21949	.094604	.002475	.05572	.00271
DEC	7	39831	-.02851	.22029	.094615	.002669	.05586	.00288
DEC	8	39832	-.02861	.22109	.094448	.002838	.05583	.00305
DEC	9	39833	-.02861	.22189	.094149	.002949	.05565	.00319
DEC	10	39834	-.02871	.22269	.093773	.002993	.05538	.00328
DEC	11	39835	-.02881	.22349	.093364	.002973	.05508	.00329
DEC	12	39836	-.02881	.22429	.093026	.002885	.05483	.00324
DEC	13	39837	-.02891	.22509	.092799	.002752	.05470	.00315
DEC	14	39838	-.02901	.22589	.092721	.002584	.05473	.00303
DEC	15	39839	-.02900	.22670	.092813	.002415	.05493	.00292
DEC	16	39840	-.02910	.22750	.093052	.002273	.05526	.00285
DEC	17	39841	-.02910	.22830	.093429	.002175	.05568	.00283
DEC	18	39842	-.02910	.22900	.093857	.002153	.05610	.00288
DEC	19	39843	-.02910	.22980	.094274	.002207	.05646	.00299
DEC	20	39844	-.02910	.23050	.094594	.002348	.05669	.00314
DEC	21	39845	-.02910	.23120	.094748	.002545	.05675	.00331
DEC	22	39846	-.02900	.23180	.094684	.002774	.05665	.00346
DEC	23	39847	-.02890	.23250	.094385	.002998	.05641	.00357

DEC	24	39848	-.02880	.23310	.093901	.003144	.05610	.00361
DEC	25	39849	-.02870	.23370	.093315	.003187	.05580	.00359
DEC	26	39850	-.02860	.23430	.092764	.003081	.05557	.00351
DEC	27	39851	-.02840	.23480	.092387	.002848	.05547	.00339
DEC	28	39852	-.02820	.23540	.092276	.002548	.05554	.00326
DEC	29	39853	-.02800	.23590	.092470	.002252	.05578	.00314
DEC	30	39854	-.02770	.23630	.092924	.002039	.05613	.00307
DEC	31	39855	-.02740	.23680	.093527	.001959	.05654	.00306