

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	
(0h UTC)		"	"	s	s	"	"	
YEAR ==> 1976								
JAN	1	42778	-.14220	.19430	.725822	.002403	.03433	-.00287
JAN	2	42779	-.14320	.19660	.723396	.002447	.03472	-.00285
JAN	3	42780	-.14410	.19900	.720929	.002506	.03505	-.00276
JAN	4	42781	-.14490	.20130	.718383	.002576	.03526	-.00263
JAN	5	42782	-.14580	.20370	.715774	.002637	.03530	-.00248
JAN	6	42783	-.14660	.20620	.713118	.002670	.03518	-.00234
JAN	7	42784	-.14730	.20860	.710435	.002681	.03492	-.00225
JAN	8	42785	-.14800	.21110	.707767	.002662	.03459	-.00221
JAN	9	42786	-.14870	.21360	.705122	.002615	.03425	-.00224
JAN	10	42787	-.14940	.21610	.702542	.002549	.03398	-.00234
JAN	11	42788	-.15000	.21860	.700025	.002486	.03385	-.00248
JAN	12	42789	-.15060	.22120	.697568	.002421	.03387	-.00263
JAN	13	42790	-.15110	.22380	.695165	.002389	.03407	-.00276
JAN	14	42791	-.15170	.22640	.692775	.002406	.03438	-.00286
JAN	15	42792	-.15210	.22900	.690335	.002475	.03476	-.00289
JAN	16	42793	-.15260	.23160	.687796	.002603	.03514	-.00286
JAN	17	42794	-.15300	.23420	.685100	.002797	.03542	-.00277
JAN	18	42795	-.15340	.23680	.682202	.003011	.03556	-.00265
JAN	19	42796	-.15380	.23940	.679081	.003216	.03554	-.00252
JAN	20	42797	-.15420	.24200	.675777	.003377	.03536	-.00241
JAN	21	42798	-.15449	.24461	.672365	.003442	.03506	-.00235
JAN	22	42799	-.15479	.24731	.668934	.003414	.03470	-.00236
JAN	23	42800	-.15499	.24991	.665561	.003312	.03437	-.00243
JAN	24	42801	-.15519	.25251	.662322	.003162	.03414	-.00256
JAN	25	42802	-.15539	.25511	.659236	.003013	.03405	-.00273
JAN	26	42803	-.15559	.25761	.656285	.002897	.03413	-.00289
JAN	27	42804	-.15569	.26021	.653423	.002827	.03437	-.00303
JAN	28	42805	-.15579	.26271	.650611	.002809	.03471	-.00313
JAN	29	42806	-.15589	.26531	.647788	.002836	.03509	-.00316
JAN	30	42807	-.15589	.26781	.644925	.002901	.03544	-.00312
JAN	31	42808	-.15589	.27031	.641980	.002978	.03568	-.00303
FEB	1	42809	-.15579	.27281	.638972	.003034	.03577	-.00292
FEB	2	42810	-.15569	.27531	.635921	.003073	.03568	-.00281
FEB	3	42811	-.15559	.27771	.632847	.003068	.03545	-.00274
FEB	4	42812	-.15539	.28021	.629796	.003038	.03512	-.00272
FEB	5	42813	-.15519	.28261	.626782	.002978	.03477	-.00276
FEB	6	42814	-.15499	.28501	.623848	.002896	.03447	-.00287
FEB	7	42815	-.15469	.28741	.621004	.002802	.03428	-.00303
FEB	8	42816	-.15429	.28981	.618253	.002700	.03425	-.00322

FEB	9	42817	-.15399	.29211	.615585	.002627	.03439	-.00339
FEB	10	42818	-.15349	.29441	.612977	.002587	.03467	-.00354
FEB	11	42819	-.15309	.29681	.610385	.002595	.03503	-.00362
FEB	12	42820	-.15259	.29911	.607768	.002662	.03541	-.00364
FEB	13	42821	-.15199	.30131	.605040	.002792	.03573	-.00360
FEB	14	42822	-.15139	.30361	.602166	.002962	.03593	-.00352
FEB	15	42823	-.15079	.30591	.599101	.003157	.03596	-.00342
FEB	16	42824	-.15009	.30811	.595863	.003309	.03583	-.00333
FEB	17	42825	-.14939	.31031	.592511	.003390	.03556	-.00328
FEB	18	42826	-.14869	.31251	.589130	.003353	.03522	-.00330
FEB	19	42827	-.14789	.31471	.585838	.003224	.03488	-.00338
FEB	20	42828	-.14709	.31691	.582712	.003022	.03461	-.00352
FEB	21	42829	-.14629	.31901	.579789	.002826	.03448	-.00370
FEB	22	42830	-.14539	.32121	.577050	.002670	.03451	-.00390
FEB	23	42831	-.14449	.32331	.574439	.002572	.03471	-.00407
FEB	24	42832	-.14359	.32541	.571894	.002538	.03503	-.00421
FEB	25	42833	-.14259	.32741	.569343	.002562	.03542	-.00428
FEB	26	42834	-.14158	.32952	.566745	.002639	.03579	-.00429
FEB	27	42835	-.14058	.33152	.564058	.002738	.03608	-.00424
FEB	28	42836	-.13958	.33352	.561268	.002837	.03623	-.00416
FEB	29	42837	-.13858	.33552	.558388	.002928	.03621	-.00407
MAR	1	42838	-.13748	.33742	.555422	.002987	.03603	-.00400
MAR	2	42839	-.13648	.33932	.552426	.003011	.03574	-.00398
MAR	3	42840	-.13538	.34122	.549401	.003011	.03540	-.00402
MAR	4	42841	-.13418	.34312	.546402	.002976	.03508	-.00413
MAR	5	42842	-.13308	.34492	.543456	.002924	.03486	-.00429
MAR	6	42843	-.13198	.34672	.540554	.002870	.03479	-.00449
MAR	7	42844	-.13078	.34852	.537713	.002826	.03489	-.00468
MAR	8	42845	-.12958	.35032	.534903	.002799	.03514	-.00486
MAR	9	42846	-.12838	.35202	.532089	.002814	.03550	-.00498
MAR	10	42847	-.12718	.35372	.529246	.002882	.03589	-.00503
MAR	11	42848	-.12598	.35542	.526304	.003012	.03625	-.00502
MAR	12	42849	-.12468	.35712	.523202	.003191	.03650	-.00496
MAR	13	42850	-.12338	.35872	.519900	.003409	.03660	-.00487
MAR	14	42851	-.12208	.36042	.516374	.003637	.03653	-.00478
MAR	15	42852	-.12078	.36202	.512653	.003793	.03631	-.00473
MAR	16	42853	-.11948	.36372	.508821	.003861	.03600	-.00473
MAR	17	42854	-.11808	.36532	.504969	.003814	.03566	-.00479
MAR	18	42855	-.11668	.36692	.501224	.003670	.03537	-.00492
MAR	19	42856	-.11528	.36852	.497655	.003467	.03520	-.00510
MAR	20	42857	-.11378	.37022	.494278	.003283	.03519	-.00530
MAR	21	42858	-.11228	.37182	.491072	.003150	.03534	-.00549
MAR	22	42859	-.11078	.37342	.487955	.003087	.03564	-.00564
MAR	23	42860	-.10918	.37512	.484878	.003086	.03602	-.00573
MAR	24	42861	-.10758	.37672	.481767	.003142	.03641	-.00576
MAR	25	42862	-.10598	.37842	.478585	.003213	.03674	-.00573
MAR	26	42863	-.10428	.38012	.475338	.003292	.03695	-.00565
MAR	27	42864	-.10248	.38182	.471995	.003371	.03699	-.00556
MAR	28	42865	-.10078	.38352	.468592	.003427	.03686	-.00547
MAR	29	42866	-.09888	.38522	.465151	.003441	.03660	-.00543
MAR	30	42867	-.09708	.38702	.461712	.003431	.03627	-.00544
MAR	31	42868	-.09508	.38872	.458308	.003383	.03594	-.00553
APR	1	42869	-.09318	.39052	.454962	.003316	.03568	-.00567

APR	2	42870	-.09108	.39222	.451678	.003253	.03555	-.00585
APR	3	42871	-.08907	.39403	.448466	.003175	.03559	-.00604
APR	4	42872	-.08697	.39573	.445311	.003117	.03579	-.00621
APR	5	42873	-.08477	.39753	.442209	.003093	.03612	-.00634
APR	6	42874	-.08257	.39933	.439098	.003115	.03651	-.00640
APR	7	42875	-.08037	.40103	.435960	.003182	.03688	-.00640
APR	8	42876	-.07807	.40283	.432715	.003315	.03716	-.00634
APR	9	42877	-.07577	.40453	.429322	.003487	.03730	-.00624
APR	10	42878	-.07337	.40623	.425734	.003671	.03728	-.00614
APR	11	42879	-.07097	.40793	.421975	.003848	.03709	-.00605
APR	12	42880	-.06857	.40963	.418069	.003950	.03679	-.00602
APR	13	42881	-.06617	.41123	.414100	.003951	.03643	-.00605
APR	14	42882	-.06367	.41283	.410193	.003844	.03610	-.00614
APR	15	42883	-.06117	.41443	.406428	.003655	.03587	-.00628
APR	16	42884	-.05867	.41593	.402880	.003440	.03579	-.00646
APR	17	42885	-.05607	.41743	.399538	.003253	.03587	-.00664
APR	18	42886	-.05357	.41893	.396353	.003130	.03610	-.00678
APR	19	42887	-.05097	.42033	.393254	.003077	.03644	-.00688
APR	20	42888	-.04837	.42173	.390170	.003078	.03681	-.00691
APR	21	42889	-.04577	.42303	.387079	.003118	.03714	-.00687
APR	22	42890	-.04317	.42423	.383932	.003166	.03737	-.00679
APR	23	42891	-.04057	.42543	.380749	.003216	.03743	-.00667
APR	24	42892	-.03797	.42653	.377514	.003249	.03733	-.00656
APR	25	42893	-.03537	.42763	.374260	.003255	.03707	-.00647
APR	26	42894	-.03267	.42863	.371024	.003231	.03672	-.00645
APR	27	42895	-.03007	.42963	.367807	.003188	.03635	-.00648
APR	28	42896	-.02747	.43043	.364655	.003115	.03602	-.00658
APR	29	42897	-.02477	.43123	.361571	.003042	.03581	-.00673
APR	30	42898	-.02217	.43203	.358569	.002973	.03576	-.00689
MAY	1	42899	-.01957	.43263	.355630	.002920	.03587	-.00705
MAY	2	42900	-.01687	.43323	.352720	.002896	.03612	-.00717
MAY	3	42901	-.01427	.43373	.349815	.002911	.03645	-.00723
MAY	4	42902	-.01157	.43423	.346882	.002974	.03679	-.00722
MAY	5	42903	-.00897	.43453	.343850	.003088	.03706	-.00715
MAY	6	42904	-.00627	.43483	.340690	.003237	.03721	-.00704
MAY	7	42905	-.00367	.43513	.337366	.003424	.03719	-.00691
MAY	8	42906	-.00097	.43523	.333853	.003601	.03700	-.00679
MAY	9	42907	.00164	.43534	.330186	.003732	.03667	-.00671
MAY	10	42908	.00434	.43534	.326403	.003802	.03627	-.00669
MAY	11	42909	.00704	.43534	.322604	.003779	.03587	-.00674
MAY	12	42910	.00974	.43514	.318874	.003667	.03555	-.00684
MAY	13	42911	.01244	.43494	.315296	.003492	.03536	-.00698
MAY	14	42912	.01514	.43474	.311890	.003315	.03533	-.00714
MAY	15	42913	.01784	.43434	.308652	.003172	.03546	-.00727
MAY	16	42914	.02054	.43394	.305524	.003107	.03571	-.00736
MAY	17	42915	.02324	.43354	.302426	.003096	.03602	-.00738
MAY	18	42916	.02604	.43294	.299317	.003115	.03631	-.00734
MAY	19	42917	.02884	.43244	.296183	.003155	.03651	-.00724
MAY	20	42918	.03164	.43174	.293011	.003185	.03657	-.00711
MAY	21	42919	.03444	.43104	.289827	.003186	.03645	-.00696
MAY	22	42920	.03724	.43034	.286656	.003161	.03618	-.00684
MAY	23	42921	.04004	.42954	.283514	.003109	.03578	-.00677
MAY	24	42922	.04294	.42864	.280458	.003019	.03534	-.00676

MAY	25	42923	.04584	.42774	.277483	.002917	.03492	-.00682
MAY	26	42924	.04874	.42674	.274619	.002802	.03460	-.00693
MAY	27	42925	.05164	.42574	.271879	.002679	.03443	-.00707
MAY	28	42926	.05454	.42474	.269255	.002581	.03442	-.00721
MAY	29	42927	.05754	.42364	.266707	.002510	.03456	-.00732
MAY	30	42928	.06054	.42254	.264222	.002475	.03480	-.00737
MAY	31	42929	.06354	.42134	.261741	.002496	.03508	-.00737
JUN	1	42930	.06654	.42014	.259215	.002554	.03531	-.00729
JUN	2	42931	.06954	.41884	.256619	.002654	.03543	-.00717
JUN	3	42932	.07264	.41754	.253898	.002780	.03539	-.00702
JUN	4	42933	.07564	.41624	.251047	.002918	.03519	-.00687
JUN	5	42934	.07874	.41494	.248081	.003018	.03483	-.00676
JUN	6	42935	.08174	.41354	.245029	.003065	.03438	-.00670
JUN	7	42936	.08484	.41214	.241976	.003038	.03390	-.00670
JUN	8	42937	.08794	.41064	.238987	.002937	.03347	-.00677
JUN	9	42938	.09104	.40914	.236121	.002778	.03316	-.00689
JUN	10	42939	.09414	.40774	.233438	.002597	.03301	-.00702
JUN	11	42940	.09714	.40614	.230918	.002439	.03302	-.00715
JUN	12	42941	.10024	.40464	.228541	.002327	.03317	-.00724
JUN	13	42942	.10334	.40304	.226232	.002292	.03340	-.00727
JUN	14	42943	.10634	.40154	.223940	.002309	.03364	-.00723
JUN	15	42944	.10945	.39995	.221608	.002349	.03381	-.00713
JUN	16	42945	.11245	.39835	.219245	.002384	.03385	-.00699
JUN	17	42946	.11545	.39665	.216858	.002395	.03372	-.00684
JUN	18	42947	.11845	.39505	.214475	.002375	.03343	-.00669
JUN	19	42948	.12145	.39335	.212116	.002326	.03300	-.00659
JUN	20	42949	.12435	.39165	.209822	.002259	.03250	-.00655
JUN	21	42950	.12735	.38995	.207606	.002178	.03201	-.00657
JUN	22	42951	.13025	.38825	.205481	.002072	.03159	-.00665
JUN	23	42952	.13315	.38655	.203452	.001984	.03130	-.00677
JUN	24	42953	.13595	.38475	.201518	.001898	.03118	-.00691
JUN	25	42954	.13885	.38295	.199647	.001837	.03122	-.00702
JUN	26	42955	.14165	.38125	.197820	.001823	.03138	-.00709
JUN	27	42956	.14445	.37935	.195986	.001854	.03160	-.00709
JUN	28	42957	.14725	.37755	.194096	.001943	.03180	-.00703
JUN	29	42958	.14995	.37575	.192085	.002077	.03191	-.00692
JUN	30	42959	.15265	.37385	.189932	.002250	.03187	-.00677
JUL	1	42960	.15535	.37195	.187593	.002416	.03167	-.00661
JUL	2	42961	.15805	.37005	.185099	.002563	.03131	-.00647
JUL	3	42962	.16075	.36815	.182484	.002655	.03083	-.00639
JUL	4	42963	.16335	.36615	.179811	.002677	.03031	-.00637
JUL	5	42964	.16595	.36425	.177161	.002632	.02982	-.00641
JUL	6	42965	.16855	.36225	.174575	.002535	.02942	-.00651
JUL	7	42966	.17115	.36025	.172099	.002416	.02918	-.00664
JUL	8	42967	.17375	.35825	.169739	.002308	.02910	-.00677
JUL	9	42968	.17625	.35625	.167468	.002244	.02918	-.00687
JUL	10	42969	.17875	.35425	.165242	.002231	.02935	-.00692
JUL	11	42970	.18125	.35225	.162997	.002267	.02957	-.00690
JUL	12	42971	.18365	.35015	.160694	.002341	.02974	-.00682
JUL	13	42972	.18615	.34815	.158302	.002422	.02980	-.00669
JUL	14	42973	.18855	.34615	.155846	.002485	.02970	-.00654
JUL	15	42974	.19085	.34405	.153344	.002513	.02944	-.00638
JUL	16	42975	.19315	.34205	.150842	.002495	.02903	-.00627

JUL	17	42976	.19545	.34005	.148365	.002454	.02853	-.00620
JUL	18	42977	.19775	.33795	.145953	.002377	.02801	-.00621
JUL	19	42978	.19995	.33595	.143608	.002292	.02754	-.00627
JUL	20	42979	.20215	.33385	.141362	.002200	.02719	-.00639
JUL	21	42980	.20426	.33186	.139214	.002116	.02701	-.00652
JUL	22	42981	.20626	.32976	.137131	.002044	.02699	-.00664
JUL	23	42982	.20836	.32766	.135103	.002027	.02711	-.00673
JUL	24	42983	.21026	.32556	.133072	.002044	.02732	-.00676
JUL	25	42984	.21216	.32346	.130998	.002112	.02753	-.00672
JUL	26	42985	.21406	.32136	.128832	.002239	.02768	-.00663
JUL	27	42986	.21586	.31926	.126517	.002395	.02770	-.00649
JUL	28	42987	.21756	.31706	.124027	.002575	.02756	-.00633
JUL	29	42988	.21926	.31486	.121383	.002724	.02726	-.00619
JUL	30	42989	.22096	.31266	.118597	.002825	.02682	-.00609
JUL	31	42990	.22246	.31046	.115760	.002836	.02632	-.00605
AUG	1	42991	.22396	.30816	.112942	.002778	.02583	-.00608
AUG	2	42992	.22546	.30586	.110224	.002652	.02541	-.00617
AUG	3	42993	.22676	.30356	.107647	.002501	.02514	-.00629
AUG	4	42994	.22816	.30116	.105217	.002363	.02503	-.00643
AUG	5	42995	.22936	.29876	.102909	.002254	.02508	-.00654
AUG	6	42996	.23056	.29636	.100691	.002202	.02526	-.00662
AUG	7	42997	.23166	.29386	.098493	.002189	.02550	-.00662
AUG	8	42998	.23266	.29136	.096286	.002233	.02573	-.00657
AUG	9	42999	.23366	.28886	.094021	.002298	.02586	-.00645
AUG	10	43000	.23456	.28626	.091692	.002347	.02586	-.00631
AUG	11	43001	.23536	.28366	.089327	.002378	.02569	-.00615
AUG	12	43002	.23616	.28106	.086950	.002369	.02536	-.00602
AUG	13	43003	.23686	.27836	.084602	.002321	.02493	-.00594
AUG	14	43004	.23746	.27566	.082309	.002251	.02445	-.00593
AUG	15	43005	.23806	.27296	.080096	.002160	.02400	-.00598
AUG	16	43006	.23846	.27026	.077981	.002069	.02366	-.00608
AUG	17	43007	.23886	.26746	.075958	.001980	.02348	-.00622
AUG	18	43008	.23926	.26466	.074016	.001917	.02346	-.00635
AUG	19	43009	.23946	.26186	.072122	.001885	.02360	-.00645
AUG	20	43010	.23966	.25896	.070232	.001895	.02384	-.00650
AUG	21	43011	.23976	.25616	.068306	.001964	.02412	-.00649
AUG	22	43012	.23986	.25326	.066286	.002096	.02436	-.00641
AUG	23	43013	.23976	.25036	.064099	.002275	.02449	-.00628
AUG	24	43014	.23966	.24746	.061725	.002485	.02447	-.00613
AUG	25	43015	.23956	.24456	.059128	.002703	.02428	-.00598
AUG	26	43016	.23926	.24166	.056343	.002867	.02395	-.00587
AUG	27	43017	.23897	.23877	.053411	.002962	.02353	-.00581
AUG	28	43018	.23857	.23587	.050442	.002960	.02310	-.00581
AUG	29	43019	.23817	.23287	.047518	.002878	.02272	-.00588
AUG	30	43020	.23757	.22997	.044702	.002751	.02247	-.00599
AUG	31	43021	.23707	.22707	.042005	.002627	.02238	-.00613
SEP	1	43022	.23637	.22407	.039424	.002542	.02246	-.00625
SEP	2	43023	.23567	.22117	.036900	.002515	.02269	-.00634
SEP	3	43024	.23487	.21827	.034363	.002549	.02299	-.00636
SEP	4	43025	.23407	.21537	.031776	.002633	.02331	-.00633
SEP	5	43026	.23317	.21247	.029088	.002746	.02356	-.00622
SEP	6	43027	.23227	.20957	.026291	.002865	.02369	-.00608
SEP	7	43028	.23127	.20667	.023372	.002968	.02365	-.00592

SEP	8	43029	.23027	.20377	.020365	.003038	.02346	-.00578
SEP	9	43030	.22917	.20097	.017310	.003067	.02313	-.00567
SEP	10	43031	.22807	.19817	.014243	.003060	.02275	-.00563
SEP	11	43032	.22687	.19527	.011208	.003026	.02237	-.00566
SEP	12	43033	.22567	.19257	.008206	.002967	.02207	-.00574
SEP	13	43034	.22447	.18977	.005265	.002916	.02192	-.00586
SEP	14	43035	.22317	.18707	.002381	.002856	.02193	-.00599
SEP	15	43036	.22197	.18437	-.000456	.002821	.02211	-.00609
SEP	16	43037	.22067	.18167	-.003285	.002823	.02241	-.00616
SEP	17	43038	.21927	.17907	-.006126	.002870	.02278	-.00615
SEP	18	43039	.21797	.17637	-.009032	.002958	.02312	-.00609
SEP	19	43040	.21657	.17387	-.012060	.003106	.02338	-.00596
SEP	20	43041	.21517	.17127	-.015258	.003286	.02350	-.00580
SEP	21	43042	.21377	.16887	-.018640	.003486	.02345	-.00564
SEP	22	43043	.21237	.16637	-.022215	.003670	.02325	-.00550
SEP	23	43044	.21087	.16397	-.025959	.003793	.02294	-.00541
SEP	24	43045	.20937	.16157	-.029771	.003814	.02259	-.00538
SEP	25	43046	.20797	.15927	-.033563	.003745	.02227	-.00542
SEP	26	43047	.20647	.15697	-.037238	.003602	.02206	-.00551
SEP	27	43048	.20497	.15477	-.040749	.003422	.02200	-.00563
SEP	28	43049	.20337	.15257	-.044100	.003276	.02211	-.00575
SEP	29	43050	.20187	.15037	-.047321	.003178	.02238	-.00584
SEP	30	43051	.20027	.14827	-.050477	.003146	.02275	-.00587
OCT	1	43052	.19877	.14617	-.053630	.003168	.02315	-.00584
OCT	2	43053	.19718	.14418	-.056834	.003223	.02352	-.00574
OCT	3	43054	.19558	.14218	-.060090	.003289	.02377	-.00559
OCT	4	43055	.19398	.14028	-.063411	.003348	.02387	-.00542
OCT	5	43056	.19238	.13838	-.066778	.003382	.02380	-.00526
OCT	6	43057	.19068	.13648	-.070154	.003374	.02359	-.00512
OCT	7	43058	.18898	.13468	-.073514	.003340	.02329	-.00504
OCT	8	43059	.18738	.13288	-.076824	.003275	.02298	-.00503
OCT	9	43060	.18568	.13108	-.080048	.003181	.02272	-.00508
OCT	10	43061	.18388	.12938	-.083194	.003090	.02259	-.00518
OCT	11	43062	.18218	.12768	-.086240	.003007	.02262	-.00529
OCT	12	43063	.18038	.12598	-.089214	.002943	.02282	-.00539
OCT	13	43064	.17858	.12438	-.092137	.002919	.02316	-.00546
OCT	14	43065	.17678	.12268	-.095066	.002936	.02358	-.00546
OCT	15	43066	.17488	.12108	-.098024	.002988	.02401	-.00540
OCT	16	43067	.17298	.11958	-.101069	.003099	.02436	-.00527
OCT	17	43068	.17108	.11798	-.104236	.003254	.02459	-.00511
OCT	18	43069	.16908	.11648	-.107586	.003439	.02466	-.00493
OCT	19	43070	.16708	.11498	-.111107	.003621	.02456	-.00476
OCT	20	43071	.16508	.11348	-.114819	.003782	.02434	-.00463
OCT	21	43072	.16298	.11198	-.118650	.003866	.02405	-.00457
OCT	22	43073	.16088	.11048	-.122520	.003867	.02377	-.00457
OCT	23	43074	.15878	.10908	-.126353	.003777	.02357	-.00463
OCT	24	43075	.15658	.10768	-.130054	.003618	.02351	-.00473
OCT	25	43076	.15438	.10628	-.133587	.003452	.02362	-.00484
OCT	26	43077	.15208	.10498	-.136981	.003327	.02389	-.00492
OCT	27	43078	.14978	.10368	-.140272	.003267	.02428	-.00496
OCT	28	43079	.14738	.10238	-.143527	.003259	.02472	-.00494
OCT	29	43080	.14498	.10108	-.146815	.003302	.02515	-.00484
OCT	30	43081	.14258	.09988	-.150135	.003348	.02548	-.00470

OCT	31	43082	.14008	.09868	-.153499	.003376	.02567	-.00452
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NOV	2	43084	.13508	.09638	-.160269	.003366	.02556	-.00417
NOV	3	43085	.13248	.09528	-.163614	.003317	.02531	-.00406
NOV	4	43086	.12988	.09418	-.166894	.003240	.02503	-.00401
NOV	5	43087	.12718	.09318	-.170077	.003130	.02477	-.00403
NOV	6	43088	.12458	.09218	-.173152	.003010	.02462	-.00410
NOV	7	43089	.12178	.09128	-.176108	.002904	.02462	-.00420
NOV	8	43090	.11909	.09029	-.178956	.002805	.02479	-.00430
NOV	9	43091	.11629	.08939	-.181726	.002731	.02511	-.00437
NOV	10	43092	.11349	.08859	-.184430	.002693	.02553	-.00438
NOV	11	43093	.11059	.08779	-.187127	.002706	.02598	-.00433
NOV	12	43094	.10769	.08689	-.189858	.002753	.02639	-.00422
NOV	13	43095	.10479	.08619	-.192647	.002840	.02668	-.00405
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NOV	25	43107	.06709	.07849	-.230244	.002958	.02718	-.00372
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NOV	27	43109	.06039	.07749	-.236284	.003088	.02777	-.00342
NOV	28	43110	.05699	.07709	-.239399	.003125	.02783	-.00323
NOV	29	43111	.05349	.07659	-.242526	.003132	.02773	-.00306
NOV	30	43112	.04999	.07619	-.245644	.003100	.02750	-.00294
DEC	1	43113	.04649	.07579	-.248717	.003042	.02720	-.00287
DEC	2	43114	.04299	.07539	-.251731	.002974	.02691	-.00288
DEC	3	43115	.03939	.07499	-.254661	.002883	.02670	-.00294
DEC	4	43116	.03579	.07469	-.257498	.002793	.02663	-.00304
DEC	5	43117	.03219	.07429	-.260251	.002707	.02673	-.00315
DEC	6	43118	.02849	.07409	-.262931	.002656	.02698	-.00324
DEC	7	43119	.02479	.07379	-.265566	.002629	.02735	-.00328
DEC	8	43120	.02109	.07359	-.268193	.002630	.02777	-.00326
DEC	9	43121	.01729	.07339	-.270840	.002682	.02818	-.00318
DEC	10	43122	.01349	.07329	-.273560	.002762	.02848	-.00304
DEC	11	43123	.00969	.07309	-.276375	.002872	.02864	-.00287
DEC	12	43124	.00589	.07309	-.279308	.002985	.02863	-.00269
DEC	13	43125	.00199	.07309	-.282333	.003091	.02846	-.00254
DEC	14	43126	-.00190	.07310	-.285470	.003166	.02818	-.00245
DEC	15	43127	-.00580	.07320	-.288659	.003200	.02786	-.00242
DEC	16	43128	-.00970	.07330	-.291839	.003160	.02757	-.00245
DEC	17	43129	-.01360	.07350	-.294968	.003068	.02739	-.00254
DEC	18	43130	-.01760	.07370	-.297961	.002925	.02736	-.00266
DEC	19	43131	-.02150	.07400	-.300826	.002796	.02749	-.00278
DEC	20	43132	-.02550	.07430	-.303554	.002690	.02777	-.00287
DEC	21	43133	-.02950	.07470	-.306215	.002643	.02815	-.00290
DEC	22	43134	-.03340	.07520	-.308870	.002665	.02856	-.00287

DEC	23	43135	-.03740	.07570	-.311567	.002723	.02892	-.00278
DEC	24	43136	-.04140	.07630	-.314317	.002783	.02916	-.00264
DEC	25	43137	-.04530	.07690	-.317126	.002829	.02924	-.00248
DEC	26	43138	-.04920	.07760	-.319961	.002836	.02916	-.00232
DEC	27	43139	-.05320	.07840	-.322786	.002807	.02893	-.00221
DEC	28	43140	-.05710	.07920	-.325575	.002757	.02861	-.00215
DEC	29	43141	-.06090	.08010	-.328292	.002685	.02828	-.00215
DEC	30	43142	-.06480	.08110	-.330932	.002601	.02800	-.00223
DEC	31	43143	-.06860	.08210	-.333485	.002515	.02785	-.00234