

INTERNATIONAL EARTH ROTATION SERVICE  
EARTH ROTATION PARAMETERS  
EOP (IERS) C 04

FORMAT(2X,A4,I3,2X,I5,2F9.6,F10.7,2X,F10.7,2X,2F9.5)

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Date	MJD	x	y	UT1-UTC	LOD	dPsi	dEpsilon
		"	"	s	s	"	"
(0h UTC)							
YEAR ==> 2004							
JAN	1	53005	0.031302	0.153812-0.3895721	0.0004767	-0.05558	-0.00024
JAN	2	53006	0.028967	0.153606-0.3900328	0.0004432	-0.05545	-0.00030
JAN	3	53007	0.026787	0.153767-0.3904526	0.0003144	-0.05538	-0.00047
JAN	4	53008	0.024349	0.154245-0.3906633	0.0000905	-0.05536	-0.00069
JAN	5	53009	0.021676	0.154815-0.3906430	-0.0000756	-0.05537	-0.00091
JAN	6	53010	0.018831	0.155436-0.3905287	-0.0001073	-0.05536	-0.00107
JAN	7	53011	0.016026	0.156154-0.3904506	-0.0000465	-0.05529	-0.00118
JAN	8	53012	0.013067	0.156877-0.3904607	0.0000689	-0.05512	-0.00122
JAN	9	53013	0.010220	0.157362-0.3906128	0.0002506	-0.05484	-0.00122
JAN	10	53014	0.007766	0.157669-0.3909816	0.0004851	-0.05452	-0.00122
JAN	11	53015	0.005481	0.157868-0.3915941	0.0007416	-0.05426	-0.00121
JAN	12	53016	0.003174	0.158354-0.3924644	0.0009989	-0.05409	-0.00119
JAN	13	53017	0.001060	0.159012-0.3935785	0.0012078	-0.05406	-0.00113
JAN	14	53018	-0.000956	0.159973-0.3948539	0.0012981	-0.05419	-0.00102
JAN	15	53019	-0.003194	0.161406-0.3961391	0.0012285	-0.05447	-0.00088
JAN	16	53020	-0.005327	0.162641-0.3972729	0.0010669	-0.05486	-0.00075
JAN	17	53021	-0.007480	0.163684-0.3982424	0.0008445	-0.05530	-0.00066
JAN	18	53022	-0.010074	0.165029-0.3989496	0.0005736	-0.05568	-0.00065
JAN	19	53023	-0.013120	0.166325-0.3994023	0.0003371	-0.05591	-0.00073
JAN	20	53024	-0.016079	0.167254-0.3996591	0.0001969	-0.05592	-0.00089
JAN	21	53025	-0.018620	0.168360-0.3998420	0.0001899	-0.05573	-0.00108
JAN	22	53026	-0.021052	0.170034-0.4000789	0.0002913	-0.05540	-0.00124
JAN	23	53027	-0.023749	0.171803-0.4004455	0.0004437	-0.05507	-0.00132
JAN	24	53028	-0.026162	0.173168-0.4009633	0.0006096	-0.05487	-0.00127
JAN	25	53029	-0.027825	0.174466-0.4016429	0.0007602	-0.05486	-0.00113
JAN	26	53030	-0.029040	0.175883-0.4024529	0.0008459	-0.05500	-0.00095
JAN	27	53031	-0.030158	0.177433-0.4033045	0.0008245	-0.05524	-0.00081
JAN	28	53032	-0.031557	0.179166-0.4040783	0.0006933	-0.05547	-0.00077
JAN	29	53033	-0.033403	0.181035-0.4046759	0.0004863	-0.05561	-0.00084
JAN	30	53034	-0.035859	0.182941-0.4050440	0.0002530	-0.05561	-0.00101
JAN	31	53035	-0.038888	0.184653-0.4051830	0.0000414	-0.05546	-0.00119
FEB	1	53036	-0.041960	0.185931-0.4051354	-0.0001202	-0.05522	-0.00137
FEB	2	53037	-0.044863	0.187033-0.4049582	-0.0002235	-0.05495	-0.00151
FEB	3	53038	-0.047885	0.188048-0.4047100	-0.0002726	-0.05472	-0.00161
FEB	4	53039	-0.051112	0.188974-0.4044382	-0.0002705	-0.05456	-0.00169
FEB	5	53040	-0.054115	0.189825-0.4041949	-0.0001650	-0.05447	-0.00174
FEB	6	53041	-0.056564	0.190726-0.4041313	-0.0000164	-0.05445	-0.00178
FEB	7	53042	-0.058732	0.191983-0.4041771	0.0003008	-0.05445	-0.00179
FEB	8	53043	-0.060557	0.193578-0.4047346	0.0006151	-0.05446	-0.00177
FEB	9	53044	-0.062470	0.195371-0.4053934	0.0007097	-0.05447	-0.00171
FEB	10	53045	-0.064815	0.197189-0.4061258	0.0008373	-0.05450	-0.00162
FEB	11	53046	-0.067576	0.199108-0.4070309	0.0009329	-0.05456	-0.00151

FEB	12	53047-0.070654	0.200929-0.4079541	0.0008775	-0.05467	-0.00140
FEB	13	53048-0.073688	0.202633-0.4087567	0.0007114	-0.05482	-0.00133
FEB	14	53049-0.076658	0.204463-0.4093640	0.0004844	-0.05497	-0.00133
FEB	15	53050-0.079400	0.206238-0.4097336	0.0002501	-0.05504	-0.00143
FEB	16	53051-0.081447	0.208105-0.4098928	0.0000914	-0.05501	-0.00160
FEB	17	53052-0.082838	0.210090-0.4099577	0.0000686	-0.05486	-0.00180
FEB	18	53053-0.084154	0.212306-0.4100720	0.0001685	-0.05464	-0.00200
FEB	19	53054-0.086493	0.214896-0.4103242	0.0003715	-0.05442	-0.00213
FEB	20	53055-0.089788	0.217236-0.4108231	0.0006340	-0.05427	-0.00216
FEB	21	53056-0.092969	0.219544-0.4115785	0.0008608	-0.05421	-0.00212
FEB	22	53057-0.095577	0.221991-0.4125157	0.0010019	-0.05424	-0.00206
FEB	23	53058-0.097835	0.224302-0.4135483	0.0010561	-0.05433	-0.00201
FEB	24	53059-0.099795	0.226405-0.4145979	0.0010222	-0.05445	-0.00201
FEB	25	53060-0.101229	0.228646-0.4155715	0.0008893	-0.05455	-0.00209
FEB	26	53061-0.102415	0.230972-0.4163653	0.0006975	-0.05459	-0.00222
FEB	27	53062-0.103869	0.233391-0.4169653	0.0005211	-0.05454	-0.00237
FEB	28	53063-0.105935	0.235829-0.4174150	0.0002709	-0.05436	-0.00249
FEB	29	53064-0.108284	0.237838-0.4175219	0.0000131	-0.05411	-0.00258
MAR	1	53065-0.110438	0.239831-0.4174618	-0.0001059	-0.05385	-0.00267
MAR	2	53066-0.112204	0.242044-0.4173349	-0.0001384	-0.05362	-0.00278
MAR	3	53067-0.113825	0.244183-0.4172114	-0.0000864	-0.05344	-0.00295
MAR	4	53068-0.115350	0.246336-0.4171875	0.0000560	-0.05328	-0.00310
MAR	5	53069-0.117164	0.248822-0.4173436	0.0002631	-0.05313	-0.00316
MAR	6	53070-0.118883	0.251429-0.4177226	0.0004724	-0.05299	-0.00313
MAR	7	53071-0.120203	0.254093-0.4182804	0.0007139	-0.05294	-0.00304
MAR	8	53072-0.121472	0.256235-0.4191238	0.0009368	-0.05309	-0.00295
MAR	9	53073-0.122211	0.257977-0.4201133	0.0009713	-0.05347	-0.00290
MAR	10	53074-0.122840	0.260051-0.4210221	0.0008335	-0.05406	-0.00295
MAR	11	53075-0.123631	0.262165-0.4217446	0.0005962	-0.05452	-0.00300
MAR	12	53076-0.124344	0.264071-0.4221976	0.0003549	-0.05470	-0.00303
MAR	13	53077-0.125088	0.266192-0.4224604	0.0001717	-0.05454	-0.00304
MAR	14	53078-0.125911	0.268506-0.4225675	0.0000131	-0.05411	-0.00303
MAR	15	53079-0.126775	0.270637-0.4225260	-0.0000729	-0.05352	-0.00306
MAR	16	53080-0.127957	0.272755-0.4224632	0.0000012	-0.05297	-0.00312
MAR	17	53081-0.129069	0.274795-0.4225612	0.0002165	-0.05263	-0.00325
MAR	18	53082-0.129957	0.277069-0.4229117	0.0004806	-0.05253	-0.00336
MAR	19	53083-0.130976	0.279528-0.4235178	0.0007218	-0.05264	-0.00341
MAR	20	53084-0.131613	0.281898-0.4243331	0.0010395	-0.05284	-0.00339
MAR	21	53085-0.131720	0.284678-0.4255648	0.0011960	-0.05301	-0.00331
MAR	22	53086-0.131798	0.287872-0.4266924	0.0010962	-0.05312	-0.00322
MAR	23	53087-0.131761	0.291295-0.4277305	0.0010734	-0.05314	-0.00319
MAR	24	53088-0.131972	0.294892-0.4288226	0.0010378	-0.05313	-0.00325
MAR	25	53089-0.132761	0.298365-0.4298002	0.0008891	-0.05308	-0.00338
MAR	26	53090-0.133949	0.301797-0.4306052	0.0007190	-0.05298	-0.00355
MAR	27	53091-0.135459	0.305239-0.4312513	0.0005520	-0.05283	-0.00370
MAR	28	53092-0.136818	0.308364-0.4317291	0.0004188	-0.05262	-0.00384
MAR	29	53093-0.137797	0.311518-0.4321127	0.0003721	-0.05236	-0.00397
MAR	30	53094-0.138615	0.314730-0.4324990	0.0004202	-0.05206	-0.00412
MAR	31	53095-0.139376	0.317758-0.4329786	0.0005495	-0.05175	-0.00429
APR	1	53096-0.140110	0.320616-0.4336210	0.0007419	-0.05151	-0.00444
APR	2	53097-0.140593	0.323311-0.4344781	0.0009598	-0.05140	-0.00454
APR	3	53098-0.140693	0.325995-0.4355427	0.0011885	-0.05149	-0.00452
APR	4	53099-0.140819	0.328640-0.4368381	0.0014254	-0.05175	-0.00441

APR	5	53100-0.141058	0.330942-0.4383567	0.0015801	-0.05214	-0.00427
APR	6	53101-0.140689	0.333287-0.4399494	0.0015516	-0.05256	-0.00414
APR	7	53102-0.140038	0.336150-0.4414137	0.0013498	-0.05289	-0.00409
APR	8	53103-0.139788	0.339295-0.4426205	0.0010512	-0.05306	-0.00411
APR	9	53104-0.139651	0.342459-0.4435140	0.0007703	-0.05304	-0.00417
APR	10	53105-0.139123	0.345745-0.4441848	0.0005809	-0.05284	-0.00426
APR	11	53106-0.138650	0.349159-0.4447162	0.0004033	-0.05252	-0.00437
APR	12	53107-0.138776	0.352335-0.4450351	0.0003024	-0.05216	-0.00449
APR	13	53108-0.139012	0.355216-0.4453560	0.0004411	-0.05183	-0.00460
APR	14	53109-0.138990	0.358002-0.4459359	0.0006924	-0.05159	-0.00467
APR	15	53110-0.138486	0.360784-0.4467409	0.0008894	-0.05142	-0.00463
APR	16	53111-0.137234	0.363683-0.4476988	0.0010005	-0.05129	-0.00448
APR	17	53112-0.135852	0.367038-0.4487152	0.0010776	-0.05121	-0.00424
APR	18	53113-0.134630	0.370445-0.4498232	0.0010534	-0.05115	-0.00400
APR	19	53114-0.133397	0.373713-0.4507940	0.0008810	-0.05112	-0.00383
APR	20	53115-0.132656	0.377205-0.4515646	0.0006804	-0.05112	-0.00379
APR	21	53116-0.132814	0.380286-0.4521439	0.0004705	-0.05115	-0.00392
APR	22	53117-0.132964	0.382770-0.4525057	0.0002378	-0.05121	-0.00417
APR	23	53118-0.132854	0.385150-0.4526293	0.0000105	-0.05128	-0.00448
APR	24	53119-0.132647	0.387236-0.4525445	-0.0001476	-0.05132	-0.00477
APR	25	53120-0.131965	0.389031-0.4523570	-0.0002173	-0.05131	-0.00501
APR	26	53121-0.130422	0.390857-0.4521350	-0.0002039	-0.05119	-0.00518
APR	27	53122-0.128413	0.392828-0.4519740	-0.0000907	-0.05097	-0.00528
APR	28	53123-0.126580	0.395133-0.4519761	0.0001134	-0.05067	-0.00532
APR	29	53124-0.124952	0.397956-0.4522187	0.0003506	-0.05039	-0.00531
APR	30	53125-0.123303	0.401070-0.4526865	0.0006124	-0.05024	-0.00522
MAY	1	53126-0.121335	0.404222-0.4534380	0.0008794	-0.05032	-0.00504
MAY	2	53127-0.119604	0.407413-0.4544203	0.0010751	-0.05062	-0.00482
MAY	3	53128-0.118357	0.410493-0.4555453	0.0011679	-0.05109	-0.00462
MAY	4	53129-0.116964	0.413496-0.4567055	0.0011336	-0.05160	-0.00451
MAY	5	53130-0.115719	0.416428-0.4577707	0.0009647	-0.05201	-0.00454
MAY	6	53131-0.114899	0.419178-0.4586177	0.0007269	-0.05226	-0.00470
MAY	7	53132-0.113854	0.421606-0.4592380	0.0005238	-0.05234	-0.00494
MAY	8	53133-0.112437	0.423888-0.4597034	0.0003572	-0.05222	-0.00519
MAY	9	53134-0.111041	0.426204-0.4600002	0.0003080	-0.05195	-0.00540
MAY	10	53135-0.109580	0.428746-0.4603601	0.0004270	-0.05164	-0.00552
MAY	11	53136-0.107884	0.431620-0.4608771	0.0005941	-0.05142	-0.00553
MAY	12	53137-0.105923	0.434463-0.4615505	0.0007545	-0.05135	-0.00542
MAY	13	53138-0.103876	0.437241-0.4623714	0.0009003	-0.05137	-0.00516
MAY	14	53139-0.102188	0.440019-0.4633261	0.0010119	-0.05142	-0.00483
MAY	15	53140-0.101165	0.442320-0.4643671	0.0010854	-0.05156	-0.00450
MAY	16	53141-0.100542	0.444086-0.4654704	0.0010345	-0.05176	-0.00426
MAY	17	53142-0.100066	0.445577-0.4664151	0.0008517	-0.05196	-0.00419
MAY	18	53143-0.099573	0.446886-0.4671611	0.0006748	-0.05209	-0.00433
MAY	19	53144-0.098794	0.448142-0.4677614	0.0004954	-0.05211	-0.00464
MAY	20	53145-0.097567	0.449518-0.4681581	0.0002806	-0.05212	-0.00501
MAY	21	53146-0.096183	0.451045-0.4683378	0.0001297	-0.05220	-0.00530
MAY	22	53147-0.095065	0.452317-0.4684391	0.0000793	-0.05234	-0.00546
MAY	23	53148-0.094161	0.453530-0.4685211	-0.0000254	-0.05241	-0.00551
MAY	24	53149-0.093096	0.454994-0.4684128	-0.0001366	-0.05233	-0.00549
MAY	25	53150-0.091775	0.456628-0.4682693	-0.0000629	-0.05207	-0.00547
MAY	26	53151-0.090768	0.458307-0.4683038	0.0001015	-0.05166	-0.00547
MAY	27	53152-0.090041	0.459847-0.4684827	0.0002742	-0.05132	-0.00547

MAY	28	53153-0.089231	0.461452-0.4688528	0.0004125	-0.05125	-0.00541
MAY	29	53154-0.088218	0.463062-0.4692939	0.0005837	-0.05155	-0.00524
MAY	30	53155-0.087015	0.464439-0.4699893	0.0006718	-0.05218	-0.00495
MAY	31	53156-0.085495	0.465665-0.4705931	0.0005119	-0.05301	-0.00462
JUN	1	53157-0.083749	0.467160-0.4709673	0.0002893	-0.05383	-0.00437
JUN	2	53158-0.081878	0.468996-0.4711409	0.0001056	-0.05441	-0.00428
JUN	3	53159-0.079795	0.470669-0.4711757	-0.0000751	-0.05459	-0.00444
JUN	4	53160-0.077563	0.472197-0.4710187	-0.0002543	-0.05446	-0.00476
JUN	5	53161-0.075700	0.473692-0.4707146	-0.0002569	-0.05419	-0.00509
JUN	6	53162-0.074397	0.475385-0.4705535	-0.0001713	-0.05391	-0.00534
JUN	7	53163-0.073247	0.476937-0.4704043	-0.0000943	-0.05368	-0.00545
JUN	8	53164-0.071707	0.478276-0.4703726	0.0001033	-0.05355	-0.00538
JUN	9	53165-0.069884	0.479872-0.4705965	0.0003235	-0.05353	-0.00516
JUN	10	53166-0.068253	0.481518-0.4709922	0.0004350	-0.05360	-0.00484
JUN	11	53167-0.066643	0.482989-0.4714358	0.0004639	-0.05373	-0.00449
JUN	12	53168-0.064828	0.484440-0.4718929	0.0004886	-0.05386	-0.00419
JUN	13	53169-0.062661	0.485871-0.4723927	0.0003856	-0.05403	-0.00404
JUN	14	53170-0.060277	0.487290-0.4726516	0.0001250	-0.05425	-0.00408
JUN	15	53171-0.057770	0.488577-0.4726385	-0.0001127	-0.05455	-0.00429
JUN	16	53172-0.054773	0.489889-0.4724305	-0.0003198	-0.05494	-0.00463
JUN	17	53173-0.051442	0.491489-0.4720114	-0.0004923	-0.05521	-0.00501
JUN	18	53174-0.048153	0.493368-0.4714656	-0.0005993	-0.05531	-0.00532
JUN	19	53175-0.045039	0.495350-0.4708370	-0.0006293	-0.05531	-0.00547
JUN	20	53176-0.041782	0.496975-0.4702318	-0.0005631	-0.05527	-0.00545
JUN	21	53177-0.038428	0.498329-0.4697329	-0.0004410	-0.05522	-0.00534
JUN	22	53178-0.035063	0.499663-0.4693665	-0.0003061	-0.05519	-0.00520
JUN	23	53179-0.031757	0.500970-0.4691299	-0.0001598	-0.05522	-0.00510
JUN	24	53180-0.028419	0.502078-0.4690475	0.0000097	-0.05536	-0.00502
JUN	25	53181-0.024974	0.503287-0.4691392	0.0001705	-0.05565	-0.00494
JUN	26	53182-0.021896	0.504755-0.4693663	0.0002334	-0.05610	-0.00480
JUN	27	53183-0.019047	0.506027-0.4695719	0.0001786	-0.05665	-0.00458
JUN	28	53184-0.016120	0.507066-0.4696829	0.0000671	-0.05720	-0.00437
JUN	29	53185-0.013071	0.507976-0.4696714	-0.0001017	-0.05767	-0.00424
JUN	30	53186-0.010211	0.509006-0.4694643	-0.0003472	-0.05795	-0.00430
JUL	1	53187-0.007454	0.510097-0.4689902	-0.0005783	-0.05803	-0.00453
JUL	2	53188-0.004526	0.510936-0.4683471	-0.0007135	-0.05796	-0.00487
JUL	3	53189-0.001794	0.511651-0.4676143	-0.0006637	-0.05785	-0.00520
JUL	4	53190 0.000515	0.512337-0.4670630	-0.0005239	-0.05775	-0.00543
JUL	5	53191 0.002773	0.512986-0.4665862	-0.0004284	-0.05773	-0.00548
JUL	6	53192 0.005160	0.513638-0.4661983	-0.0002972	-0.05779	-0.00532
JUL	7	53193 0.007421	0.514246-0.4659634	-0.0001499	-0.05794	-0.00498
JUL	8	53194 0.009673	0.514725-0.4658622	-0.0000895	-0.05815	-0.00458
JUL	9	53195 0.012408	0.515220-0.4657513	-0.0001500	-0.05838	-0.00423
JUL	10	53196 0.015438	0.516120-0.4655384	-0.0002793	-0.05867	-0.00402
JUL	11	53197 0.018349	0.516967-0.4651793	-0.0004541	-0.05903	-0.00401
JUL	12	53198 0.021497	0.517790-0.4646264	-0.0006560	-0.05938	-0.00420
JUL	13	53199 0.024277	0.518650-0.4638716	-0.0008437	-0.05968	-0.00454
JUL	14	53200 0.026339	0.519219-0.4629508	-0.0009816	-0.05989	-0.00492
JUL	15	53201 0.028308	0.519826-0.4619267	-0.0010488	-0.05997	-0.00524
JUL	16	53202 0.030383	0.520305-0.4608763	-0.0010369	-0.05991	-0.00539
JUL	17	53203 0.032801	0.520608-0.4598780	-0.0008962	-0.05985	-0.00537
JUL	18	53204 0.035784	0.520785-0.4591072	-0.0007801	-0.05986	-0.00519
JUL	19	53205 0.038785	0.520703-0.4583362	-0.0007202	-0.05993	-0.00497

JUL	20	53206	0.041470	0.520492-0.4576771	-0.0005076	-0.06002	-0.00478
JUL	21	53207	0.044105	0.520151-0.4573210	-0.0002388	-0.06013	-0.00468
JUL	22	53208	0.047058	0.519756-0.4571886	-0.0000407	-0.06028	-0.00463
JUL	23	53209	0.050160	0.519428-0.4572184	0.0000754	-0.06052	-0.00460
JUL	24	53210	0.053133	0.519156-0.4573097	0.0001386	-0.06093	-0.00453
JUL	25	53211	0.056187	0.518995-0.4574615	0.0000428	-0.06142	-0.00445
JUL	26	53212	0.059178	0.519027-0.4573639	-0.0002173	-0.06186	-0.00439
JUL	27	53213	0.061655	0.518987-0.4570081	-0.0004447	-0.06212	-0.00439
JUL	28	53214	0.064083	0.518671-0.4564776	-0.0006340	-0.06207	-0.00450
JUL	29	53215	0.066538	0.518259-0.4557681	-0.0007461	-0.06181	-0.00468
JUL	30	53216	0.068520	0.517685-0.4550314	-0.0007169	-0.06145	-0.00489
JUL	31	53217	0.070483	0.516906-0.4543826	-0.0005591	-0.06118	-0.00505
AUG	1	53218	0.072933	0.516210-0.4539458	-0.0002941	-0.06111	-0.00509
AUG	2	53219	0.075631	0.515614-0.4537997	-0.0000074	-0.06127	-0.00501
AUG	3	53220	0.078394	0.515310-0.4539094	0.0001963	-0.06164	-0.00483
AUG	4	53221	0.081204	0.515196-0.4541540	0.0002723	-0.06207	-0.00463
AUG	5	53222	0.083986	0.515020-0.4544131	0.0002190	-0.06250	-0.00446
AUG	6	53223	0.086563	0.514926-0.4545596	0.0001115	-0.06285	-0.00435
AUG	7	53224	0.088995	0.514704-0.4546174	0.0000068	-0.06308	-0.00433
AUG	8	53225	0.091843	0.514138-0.4545672	-0.0001531	-0.06318	-0.00438
AUG	9	53226	0.094878	0.513661-0.4543154	-0.0003721	-0.06317	-0.00446
AUG	10	53227	0.097409	0.513238-0.4538350	-0.0005563	-0.06310	-0.00453
AUG	11	53228	0.099912	0.512817-0.4532208	-0.0006110	-0.06303	-0.00455
AUG	12	53229	0.102806	0.512819-0.4526358	-0.0006428	-0.06298	-0.00452
AUG	13	53230	0.105890	0.513152-0.4519603	-0.0006303	-0.06294	-0.00445
AUG	14	53231	0.108858	0.513556-0.4514000	-0.0005150	-0.06290	-0.00441
AUG	15	53232	0.111724	0.513692-0.4509513	-0.0003632	-0.06282	-0.00441
AUG	16	53233	0.114676	0.513468-0.4506870	-0.0001389	-0.06271	-0.00447
AUG	17	53234	0.117380	0.512979-0.4506764	0.0001234	-0.06259	-0.00460
AUG	18	53235	0.119850	0.512310-0.4509236	0.0003363	-0.06250	-0.00473
AUG	19	53236	0.122118	0.511712-0.4513265	0.0004844	-0.06250	-0.00483
AUG	20	53237	0.124418	0.511077-0.4518608	0.0005512	-0.06265	-0.00486
AUG	21	53238	0.126600	0.510336-0.4523943	0.0004776	-0.06298	-0.00483
AUG	22	53239	0.128432	0.509308-0.4527855	0.0003027	-0.06341	-0.00477
AUG	23	53240	0.130270	0.507931-0.4529815	0.0001010	-0.06381	-0.00472
AUG	24	53241	0.132415	0.506308-0.4529877	-0.0000961	-0.06404	-0.00472
AUG	25	53242	0.134519	0.504937-0.4528105	-0.0002803	-0.06400	-0.00481
AUG	26	53243	0.136300	0.503736-0.4524661	-0.0003771	-0.06370	-0.00489
AUG	27	53244	0.138574	0.502472-0.4521028	-0.0003356	-0.06322	-0.00488
AUG	28	53245	0.141163	0.501266-0.4518340	-0.0001318	-0.06280	-0.00478
AUG	29	53246	0.143881	0.499932-0.4518574	0.0001142	-0.06259	-0.00461
AUG	30	53247	0.146896	0.498658-0.4520537	0.0003694	-0.06264	-0.00439
AUG	31	53248	0.149694	0.497330-0.4525645	0.0005790	-0.06294	-0.00420
SEP	1	53249	0.152348	0.495661-0.4531689	0.0005983	-0.06334	-0.00408
SEP	2	53250	0.154950	0.493936-0.4537206	0.0004717	-0.06380	-0.00406
SEP	3	53251	0.157184	0.491989-0.4540841	0.0002900	-0.06427	-0.00412
SEP	4	53252	0.159389	0.489770-0.4542875	0.0000625	-0.06470	-0.00422
SEP	5	53253	0.161761	0.487360-0.4542098	-0.0002414	-0.06499	-0.00432
SEP	6	53254	0.163825	0.484863-0.4538157	-0.0005140	-0.06506	-0.00441
SEP	7	53255	0.165561	0.482640-0.4532003	-0.0007044	-0.06487	-0.00447
SEP	8	53256	0.167501	0.480781-0.4524301	-0.0008009	-0.06445	-0.00450
SEP	9	53257	0.169592	0.478866-0.4516240	-0.0007797	-0.06389	-0.00450
SEP	10	53258	0.171826	0.477041-0.4508962	-0.0006525	-0.06332	-0.00446

SEP	11	53259	0.174088	0.475259-0.4503415	-0.0004110	-0.06291	-0.00440
SEP	12	53260	0.176242	0.473073-0.4500910	-0.0001289	-0.06273	-0.00432
SEP	13	53261	0.178162	0.470728-0.4500915	0.0001689	-0.06275	-0.00426
SEP	14	53262	0.179783	0.468425-0.4504242	0.0004542	-0.06291	-0.00425
SEP	15	53263	0.181095	0.466140-0.4509804	0.0006278	-0.06315	-0.00427
SEP	16	53264	0.182331	0.463797-0.4516472	0.0006862	-0.06338	-0.00430
SEP	17	53265	0.183728	0.461372-0.4523134	0.0006335	-0.06358	-0.00431
SEP	18	53266	0.185139	0.459077-0.4528780	0.0004442	-0.06375	-0.00429
SEP	19	53267	0.186562	0.456830-0.4531794	0.0001644	-0.06389	-0.00424
SEP	20	53268	0.188066	0.454487-0.4532046	-0.0000834	-0.06392	-0.00420
SEP	21	53269	0.189858	0.452074-0.4530319	-0.0002401	-0.06379	-0.00420
SEP	22	53270	0.191760	0.449869-0.4527607	-0.0003017	-0.06349	-0.00426
SEP	23	53271	0.193573	0.448023-0.4524724	-0.0002585	-0.06310	-0.00433
SEP	24	53272	0.195022	0.446485-0.4522836	-0.0000777	-0.06272	-0.00437
SEP	25	53273	0.195703	0.444738-0.4523416	0.0001845	-0.06247	-0.00431
SEP	26	53274	0.195943	0.442773-0.4526548	0.0004384	-0.06236	-0.00416
SEP	27	53275	0.196393	0.440716-0.4531976	0.0006573	-0.06240	-0.00396
SEP	28	53276	0.197252	0.438566-0.4539323	0.0007930	-0.06254	-0.00378
SEP	29	53277	0.197937	0.436346-0.4547418	0.0007758	-0.06267	-0.00368
SEP	30	53278	0.198228	0.433925-0.4554486	0.0006331	-0.06284	-0.00365
OCT	1	53279	0.198522	0.431518-0.4559862	0.0004563	-0.06304	-0.00369
OCT	2	53280	0.199160	0.429107-0.4563548	0.0002963	-0.06321	-0.00375
OCT	3	53281	0.199977	0.426583-0.4565857	0.0001446	-0.06328	-0.00381
OCT	4	53282	0.200774	0.424108-0.4566607	0.0000230	-0.06316	-0.00386
OCT	5	53283	0.201371	0.421758-0.4566546	-0.0000095	-0.06283	-0.00391
OCT	6	53284	0.201995	0.419253-0.4566677	0.0000339	-0.06229	-0.00397
OCT	7	53285	0.202695	0.416735-0.4567484	0.0001185	-0.06172	-0.00402
OCT	8	53286	0.203244	0.414288-0.4569280	0.0001762	-0.06125	-0.00405
OCT	9	53287	0.203606	0.412045-0.4571197	0.0002855	-0.06101	-0.00402
OCT	10	53288	0.203527	0.409953-0.4575111	0.0005295	-0.06099	-0.00392
OCT	11	53289	0.203371	0.407548-0.4581805	0.0007974	-0.06111	-0.00377
OCT	12	53290	0.203463	0.405097-0.4590941	0.0010016	-0.06128	-0.00359
OCT	13	53291	0.203652	0.402590-0.4601565	0.0011117	-0.06135	-0.00342
OCT	14	53292	0.203965	0.399783-0.4612777	0.0011283	-0.06138	-0.00329
OCT	15	53293	0.204616	0.397007-0.4623703	0.0010320	-0.06141	-0.00321
OCT	16	53294	0.205408	0.394693-0.4633087	0.0007791	-0.06145	-0.00320
OCT	17	53295	0.205896	0.392501-0.4639169	0.0004227	-0.06148	-0.00326
OCT	18	53296	0.206127	0.390398-0.4641684	0.0001397	-0.06143	-0.00338
OCT	19	53297	0.206038	0.388451-0.4642319	-0.0000016	-0.06123	-0.00351
OCT	20	53298	0.205991	0.386373-0.4642104	-0.0000067	-0.06084	-0.00359
OCT	21	53299	0.206119	0.384436-0.4642601	0.0001353	-0.06036	-0.00360
OCT	22	53300	0.206140	0.382495-0.4645079	0.0003532	-0.05992	-0.00354
OCT	23	53301	0.206052	0.380640-0.4649732	0.0005675	-0.05966	-0.00343
OCT	24	53302	0.205602	0.378848-0.4656292	0.0007439	-0.05958	-0.00327
OCT	25	53303	0.205217	0.376736-0.4664315	0.0008645	-0.05961	-0.00310
OCT	26	53304	0.205427	0.374571-0.4673210	0.0009130	-0.05967	-0.00294
OCT	27	53305	0.205995	0.372340-0.4682219	0.0008758	-0.05965	-0.00284
OCT	28	53306	0.206729	0.370060-0.4690462	0.0007444	-0.05964	-0.00280
OCT	29	53307	0.207257	0.367806-0.4696978	0.0005325	-0.05972	-0.00283
OCT	30	53308	0.207289	0.365682-0.4701120	0.0002924	-0.05982	-0.00291
OCT	31	53309	0.207056	0.363517-0.4702950	0.0001004	-0.05984	-0.00302
NOV	1	53310	0.207419	0.361292-0.4703334	-0.0000121	-0.05973	-0.00312
NOV	2	53311	0.208149	0.359188-0.4702960	-0.0000467	-0.05946	-0.00320

NOV	3	53312	0.208333	0.357033-0.4702665	-0.0000110	-0.05900	-0.00324
NOV	4	53313	0.208141	0.354750-0.4702984	0.0000933	-0.05848	-0.00326
NOV	5	53314	0.207923	0.352157-0.4704728	0.0002756	-0.05805	-0.00325
NOV	6	53315	0.207954	0.349335-0.4708632	0.0005149	-0.05782	-0.00320
NOV	7	53316	0.208045	0.346722-0.4715086	0.0007797	-0.05781	-0.00311
NOV	8	53317	0.208178	0.344509-0.4724183	0.0010339	-0.05797	-0.00297
NOV	9	53318	0.208149	0.342676-0.4735587	0.0012337	-0.05821	-0.00278
NOV	10	53319	0.208127	0.340912-0.4748534	0.0013233	-0.05836	-0.00257
NOV	11	53320	0.208064	0.338941-0.4761632	0.0012717	-0.05843	-0.00236
NOV	12	53321	0.207922	0.336563-0.4773560	0.0011147	-0.05841	-0.00220
NOV	13	53322	0.208096	0.334225-0.4783676	0.0008607	-0.05834	-0.00214
NOV	14	53323	0.208025	0.331854-0.4790792	0.0005446	-0.05820	-0.00218
NOV	15	53324	0.207727	0.329237-0.4794862	0.0003488	-0.05801	-0.00229
NOV	16	53325	0.207582	0.326698-0.4798234	0.0003301	-0.05779	-0.00244
NOV	17	53326	0.207304	0.324295-0.4801936	0.0004124	-0.05758	-0.00255
NOV	18	53327	0.207055	0.321932-0.4806805	0.0005893	-0.05740	-0.00261
NOV	19	53328	0.206759	0.319741-0.4813818	0.0008197	-0.05727	-0.00259
NOV	20	53329	0.206191	0.317674-0.4823076	0.0010222	-0.05721	-0.00249
NOV	21	53330	0.205681	0.315460-0.4833986	0.0011320	-0.05720	-0.00230
NOV	22	53331	0.205127	0.313225-0.4845373	0.0011391	-0.05719	-0.00208
NOV	23	53332	0.204350	0.311063-0.4856439	0.0010542	-0.05713	-0.00185
NOV	24	53333	0.203204	0.308885-0.4866201	0.0008699	-0.05698	-0.00167
NOV	25	53334	0.201875	0.306615-0.4873687	0.0006412	-0.05681	-0.00157
NOV	26	53335	0.200697	0.304220-0.4878992	0.0004417	-0.05667	-0.00157
NOV	27	53336	0.199930	0.301826-0.4882599	0.0002685	-0.05658	-0.00167
NOV	28	53337	0.199571	0.299722-0.4884533	0.0000954	-0.05651	-0.00181
NOV	29	53338	0.199255	0.297787-0.4884740	-0.0000533	-0.05645	-0.00198
NOV	30	53339	0.198581	0.295666-0.4883726	-0.0001006	-0.05634	-0.00213
DEC	1	53340	0.197516	0.293377-0.4882974	0.0000246	-0.05615	-0.00225
DEC	2	53341	0.195966	0.291095-0.4884422	0.0002101	-0.05582	-0.00232
DEC	3	53342	0.194061	0.288664-0.4887316	0.0003657	-0.05536	-0.00233
DEC	4	53343	0.192238	0.286286-0.4891803	0.0005558	-0.05494	-0.00227
DEC	5	53344	0.190592	0.284333-0.4898418	0.0007748	-0.05469	-0.00214
DEC	6	53345	0.188902	0.282461-0.4907188	0.0009545	-0.05469	-0.00197
DEC	7	53346	0.187467	0.280261-0.4917281	0.0010718	-0.05495	-0.00179
DEC	8	53347	0.186203	0.278387-0.4928284	0.0010874	-0.05541	-0.00161
DEC	9	53348	0.184317	0.276738-0.4938635	0.0009545	-0.05590	-0.00150
DEC	10	53349	0.182266	0.274542-0.4947042	0.0007362	-0.05629	-0.00145
DEC	11	53350	0.180375	0.272456-0.4953234	0.0004958	-0.05649	-0.00148
DEC	12	53351	0.178529	0.270516-0.4957122	0.0002733	-0.05646	-0.00157
DEC	13	53352	0.176655	0.268495-0.4959118	0.0001735	-0.05624	-0.00170
DEC	14	53353	0.174852	0.266381-0.4961111	0.0002687	-0.05589	-0.00181
DEC	15	53354	0.173327	0.264170-0.4964916	0.0004802	-0.05556	-0.00185
DEC	16	53355	0.171858	0.262151-0.4970897	0.0007148	-0.05535	-0.00182
DEC	17	53356	0.170386	0.260319-0.4979119	0.0009256	-0.05534	-0.00171
DEC	18	53357	0.169389	0.258678-0.4989107	0.0010518	-0.05553	-0.00153
DEC	19	53358	0.168711	0.257267-0.4999771	0.0010766	-0.05585	-0.00132
DEC	20	53359	0.167562	0.255756-0.5010287	0.0009903	-0.05614	-0.00110
DEC	21	53360	0.166035	0.253943-0.5019319	0.0007796	-0.05629	-0.00091
DEC	22	53361	0.164580	0.252017-0.5025738	0.0005719	-0.05618	-0.00077
DEC	23	53362	0.163128	0.250101-0.5030725	0.0003818	-0.05592	-0.00073
DEC	24	53363	0.161566	0.248498-0.5033440	0.0001422	-0.05569	-0.00080
DEC	25	53364	0.159942	0.247222-0.5033718	-0.0000600	-0.05556	-0.00098

DEC	26	53365	0.158333	0.246355-0.5032451	-0.0001533	-0.05549	-0.00118
DEC	27	53366	0.156436	0.245396-0.5030901	-0.0001396	-0.05545	-0.00138
DEC	28	53367	0.154621	0.243760-0.5029909	-0.0000743	-0.05536	-0.00153
DEC	29	53368	0.152960	0.242231-0.5029628	-0.0000117	-0.05511	-0.00160
DEC	30	53369	0.151297	0.240730-0.5029826	0.0001131	-0.05478	-0.00162
DEC	31	53370	0.150107	0.239117-0.5031958	0.0003330	-0.05446	-0.00162