

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 ==> 2003							
JAN	1	52640-0.088451	0.188010-0.2894518	0.0004284	-0.05556	-0.00051	
JAN	2	52641-0.091546	0.190185-0.2897957	0.0003035	-0.05537	-0.00062	
JAN	3	52642-0.094503	0.192669-0.2900944	0.0003182	-0.05500	-0.00075	
JAN	4	52643-0.097547	0.195231-0.2904650	0.0003792	-0.05459	-0.00087	
JAN	5	52644-0.100672	0.197412-0.2908745	0.0004446	-0.05427	-0.00096	
JAN	6	52645-0.103517	0.199325-0.2913623	0.0005771	-0.05415	-0.00101	
JAN	7	52646-0.105992	0.201253-0.2920249	0.0007552	-0.05425	-0.00101	
JAN	8	52647-0.108556	0.203343-0.2928608	0.0008655	-0.05458	-0.00098	
JAN	9	52648-0.111033	0.205496-0.2937397	0.0008935	-0.05484	-0.00092	
JAN	10	52649-0.113163	0.207885-0.2946298	0.0009180	-0.05481	-0.00084	
JAN	11	52650-0.115228	0.210355-0.2955584	0.0009203	-0.05473	-0.00069	
JAN	12	52651-0.117256	0.212627-0.2964559	0.0008504	-0.05475	-0.00051	
JAN	13	52652-0.118967	0.214739-0.2972495	0.0007270	-0.05485	-0.00036	
JAN	14	52653-0.120359	0.216884-0.2979061	0.0005808	-0.05498	-0.00035	
JAN	15	52654-0.121639	0.219072-0.2984146	0.0004237	-0.05501	-0.00052	
JAN	16	52655-0.122834	0.221603-0.2987655	0.0002804	-0.05502	-0.00081	
JAN	17	52656-0.124273	0.224097-0.2989967	0.0002095	-0.05503	-0.00112	
JAN	18	52657-0.126002	0.226495-0.2992136	0.0002272	-0.05485	-0.00133	
JAN	19	52658-0.127580	0.228782-0.2994822	0.0003137	-0.05445	-0.00137	
JAN	20	52659-0.128852	0.231016-0.2998650	0.0004641	-0.05398	-0.00128	
JAN	21	52660-0.129897	0.233424-0.3004192	0.0006513	-0.05360	-0.00112	
JAN	22	52661-0.131011	0.236370-0.3011567	0.0008126	-0.05348	-0.00093	
JAN	23	52662-0.132198	0.239617-0.3020155	0.0008782	-0.05353	-0.00088	
JAN	24	52663-0.133519	0.242429-0.3028736	0.0008819	-0.05364	-0.00084	
JAN	25	52664-0.135126	0.244799-0.3037390	0.0008332	-0.05394	-0.00081	
JAN	26	52665-0.136746	0.247054-0.3045088	0.0006636	-0.05441	-0.00077	
JAN	27	52666-0.138039	0.249431-0.3050515	0.0004064	-0.05481	-0.00075	
JAN	28	52667-0.138974	0.252156-0.3053262	0.0001663	-0.05496	-0.00073	
JAN	29	52668-0.139289	0.255126-0.3054060	0.0000217	-0.05472	-0.00073	
JAN	30	52669-0.139355	0.258242-0.3054021	-0.0000387	-0.05450	-0.00091	
JAN	31	52670-0.139896	0.261276-0.3053622	-0.0000334	-0.05420	-0.00109	
FEB	1	52671-0.141130	0.264032-0.3053614	0.0000392	-0.05394	-0.00121	
FEB	2	52672-0.142567	0.266726-0.3054537	0.0001727	-0.05384	-0.00126	
FEB	3	52673-0.144078	0.269637-0.3057068	0.0003697	-0.05385	-0.00126	
FEB	4	52674-0.145287	0.272515-0.3061828	0.0005914	-0.05389	-0.00122	
FEB	5	52675-0.146134	0.275376-0.3068730	0.0007540	-0.05388	-0.00119	
FEB	6	52676-0.147243	0.277923-0.3076713	0.0007890	-0.05389	-0.00116	
FEB	7	52677-0.148378	0.280424-0.3084319	0.0007459	-0.05402	-0.00117	
FEB	8	52678-0.149605	0.283181-0.3091470	0.0006729	-0.05420	-0.00118	
FEB	9	52679-0.151260	0.285901-0.3097668	0.0005520	-0.05435	-0.00117	
FEB	10	52680-0.152871	0.288561-0.3102466	0.0004109	-0.05442	-0.00118	
FEB	11	52681-0.154276	0.291371-0.3105909	0.0002965	-0.05440	-0.00127	

FEB	12	52682-0.155310	0.294070-0.3108493	0.0002378	-0.05414	-0.00145
FEB	13	52683-0.155883	0.296811-0.3110842	0.0002503	-0.05398	-0.00173
FEB	14	52684-0.156138	0.299536-0.3113766	0.0003288	-0.05414	-0.00210
FEB	15	52685-0.156324	0.302109-0.3117744	0.0004248	-0.05422	-0.00230
FEB	16	52686-0.156276	0.304522-0.3122570	0.0005525	-0.05404	-0.00227
FEB	17	52687-0.155765	0.307035-0.3128980	0.0007732	-0.05370	-0.00209
FEB	18	52688-0.155261	0.310030-0.3138002	0.0010356	-0.05333	-0.00188
FEB	19	52689-0.154908	0.313550-0.3149418	0.0012124	-0.05309	-0.00174
FEB	20	52690-0.154706	0.317542-0.3161805	0.0012676	-0.05317	-0.00183
FEB	21	52691-0.155089	0.321375-0.3174286	0.0011966	-0.05344	-0.00200
FEB	22	52692-0.155490	0.324444-0.3185353	0.0009864	-0.05375	-0.00206
FEB	23	52693-0.155409	0.327378-0.3193828	0.0007127	-0.05400	-0.00201
FEB	24	52694-0.155072	0.330419-0.3199643	0.0004726	-0.05409	-0.00194
FEB	25	52695-0.154671	0.333456-0.3203499	0.0003117	-0.05400	-0.00191
FEB	26	52696-0.154582	0.336401-0.3206200	0.0002264	-0.05382	-0.00203
FEB	27	52697-0.154629	0.339278-0.3208368	0.0002114	-0.05345	-0.00217
FEB	28	52698-0.154363	0.342101-0.3210709	0.0002413	-0.05288	-0.00221
MAR	1	52699-0.153808	0.344598-0.3213368	0.0003289	-0.05248	-0.00221
MAR	2	52700-0.153134	0.347152-0.3217332	0.0004802	-0.05243	-0.00221
MAR	3	52701-0.152810	0.350174-0.3222905	0.0006115	-0.05264	-0.00220
MAR	4	52702-0.153042	0.353125-0.3229410	0.0006695	-0.05296	-0.00219
MAR	5	52703-0.153380	0.355819-0.3236099	0.0006849	-0.05322	-0.00219
MAR	6	52704-0.153707	0.358305-0.3242902	0.0006978	-0.05333	-0.00221
MAR	7	52705-0.154112	0.360763-0.3249871	0.0006962	-0.05327	-0.00225
MAR	8	52706-0.154498	0.363463-0.3256691	0.0006466	-0.05314	-0.00233
MAR	9	52707-0.154699	0.366284-0.3262737	0.0005418	-0.05298	-0.00244
MAR	10	52708-0.154889	0.369308-0.3267535	0.0004201	-0.05283	-0.00257
MAR	11	52709-0.155548	0.372388-0.3271222	0.0003378	-0.05268	-0.00273
MAR	12	52710-0.156387	0.375463-0.3274444	0.0003147	-0.05248	-0.00293
MAR	13	52711-0.157054	0.378695-0.3277745	0.0003259	-0.05229	-0.00313
MAR	14	52712-0.157302	0.381420-0.3281262	0.0004209	-0.05219	-0.00330
MAR	15	52713-0.157118	0.383980-0.3286496	0.0006256	-0.05198	-0.00345
MAR	16	52714-0.156913	0.386882-0.3294052	0.0008806	-0.05166	-0.00357
MAR	17	52715-0.156676	0.389752-0.3304213	0.0011619	-0.05139	-0.00362
MAR	18	52716-0.155944	0.392611-0.3317133	0.0014191	-0.05132	-0.00361
MAR	19	52717-0.154874	0.395782-0.3332184	0.0015508	-0.05154	-0.00353
MAR	20	52718-0.153863	0.399568-0.3347597	0.0014950	-0.05186	-0.00347
MAR	21	52719-0.153092	0.403407-0.3361567	0.0012911	-0.05217	-0.00344
MAR	22	52720-0.152300	0.406661-0.3373102	0.0010025	-0.05242	-0.00342
MAR	23	52721-0.151459	0.409585-0.3381573	0.0006833	-0.05254	-0.00344
MAR	24	52722-0.150501	0.412392-0.3386967	0.0004090	-0.05248	-0.00351
MAR	25	52723-0.149046	0.415390-0.3390095	0.0002545	-0.05227	-0.00362
MAR	26	52724-0.147491	0.418313-0.3392429	0.0002469	-0.05196	-0.00375
MAR	27	52725-0.145713	0.421177-0.3395344	0.0003392	-0.05172	-0.00383
MAR	28	52726-0.143402	0.424040-0.3399414	0.0004720	-0.05148	-0.00388
MAR	29	52727-0.140592	0.426859-0.3404862	0.0006295	-0.05135	-0.00385
MAR	30	52728-0.137803	0.429849-0.3411968	0.0007786	-0.05136	-0.00373
MAR	31	52729-0.135412	0.432832-0.3420312	0.0008741	-0.05141	-0.00356
APR	1	52730-0.133267	0.435625-0.3429270	0.0009322	-0.05141	-0.00340
APR	2	52731-0.131176	0.438588-0.3438749	0.0009831	-0.05126	-0.00332
APR	3	52732-0.129072	0.441753-0.3448731	0.0009692	-0.05104	-0.00333
APR	4	52733-0.126974	0.444683-0.3457971	0.0008717	-0.05087	-0.00344
APR	5	52734-0.124613	0.447536-0.3466069	0.0007619	-0.05090	-0.00361

APR	6	52735-0.122099	0.450762-0.3473194	0.0006521	-0.05105	-0.00382
APR	7	52736-0.119773	0.454063-0.3479176	0.0005183	-0.05118	-0.00403
APR	8	52737-0.117648	0.456998-0.3483698	0.0003839	-0.05119	-0.00424
APR	9	52738-0.116015	0.459716-0.3487057	0.0003155	-0.05095	-0.00444
APR	10	52739-0.114688	0.462352-0.3490269	0.0003390	-0.05063	-0.00456
APR	11	52740-0.113257	0.464838-0.3494145	0.0004563	-0.05030	-0.00462
APR	12	52741-0.111426	0.467494-0.3499701	0.0006765	-0.04996	-0.00470
APR	13	52742-0.109314	0.470294-0.3507885	0.0009555	-0.04971	-0.00482
APR	14	52743-0.107225	0.472874-0.3518817	0.0012322	-0.04965	-0.00490
APR	15	52744-0.105241	0.475283-0.3532266	0.0014420	-0.04983	-0.00486
APR	16	52745-0.103762	0.477396-0.3547161	0.0014848	-0.05024	-0.00465
APR	17	52746-0.102210	0.479222-0.3561375	0.0013053	-0.05070	-0.00438
APR	18	52747-0.100308	0.481153-0.3572792	0.0010204	-0.05096	-0.00421
APR	19	52748-0.098039	0.483389-0.3581570	0.0007115	-0.05098	-0.00421
APR	20	52749-0.095505	0.485668-0.3587116	0.0003573	-0.05085	-0.00437
APR	21	52750-0.093077	0.487745-0.3589039	0.0000712	-0.05068	-0.00464
APR	22	52751-0.090722	0.489650-0.3588952	-0.0000164	-0.05058	-0.00492
APR	23	52752-0.088494	0.491723-0.3589076	0.0000579	-0.05066	-0.00512
APR	24	52753-0.085962	0.493700-0.3590351	0.0001861	-0.05062	-0.00518
APR	25	52754-0.082808	0.495777-0.3592900	0.0003322	-0.05044	-0.00502
APR	26	52755-0.079991	0.497980-0.3596979	0.0004851	-0.05027	-0.00475
APR	27	52756-0.077636	0.500154-0.3602499	0.0006157	-0.05019	-0.00448
APR	28	52757-0.075200	0.502429-0.3609131	0.0007088	-0.05024	-0.00424
APR	29	52758-0.072860	0.504441-0.3616481	0.0007560	-0.05045	-0.00405
APR	30	52759-0.070294	0.506183-0.3624054	0.0007395	-0.05079	-0.00390
MAY	1	52760-0.066860	0.508001-0.3631097	0.0006282	-0.05112	-0.00391
MAY	2	52761-0.063032	0.509867-0.3636496	0.0004362	-0.05131	-0.00407
MAY	3	52762-0.059397	0.511606-0.3639774	0.0002266	-0.05134	-0.00434
MAY	4	52763-0.056120	0.513417-0.3641068	0.0000557	-0.05121	-0.00466
MAY	5	52764-0.053195	0.515422-0.3641009	-0.0000512	-0.05096	-0.00496
MAY	6	52765-0.050107	0.517520-0.3640234	-0.0001048	-0.05066	-0.00519
MAY	7	52766-0.047138	0.519669-0.3639153	-0.0001085	-0.05034	-0.00534
MAY	8	52767-0.044698	0.521660-0.3638333	-0.0000175	-0.05029	-0.00535
MAY	9	52768-0.042179	0.523357-0.3639079	0.0001782	-0.05028	-0.00533
MAY	10	52769-0.039691	0.525055-0.3642127	0.0004238	-0.05015	-0.00542
MAY	11	52770-0.037701	0.526589-0.3647657	0.0006675	-0.04998	-0.00555
MAY	12	52771-0.036057	0.527890-0.3655372	0.0009124	-0.04992	-0.00557
MAY	13	52772-0.034417	0.529258-0.3665558	0.0011454	-0.05010	-0.00535
MAY	14	52773-0.032567	0.530565-0.3677757	0.0012358	-0.05060	-0.00479
MAY	15	52774-0.030425	0.531830-0.3689732	0.0010902	-0.05121	-0.00445
MAY	16	52775-0.028204	0.533109-0.3699191	0.0007861	-0.05171	-0.00443
MAY	17	52776-0.025918	0.534289-0.3705380	0.0004785	-0.05186	-0.00450
MAY	18	52777-0.023606	0.535453-0.3708982	0.0002488	-0.05164	-0.00466
MAY	19	52778-0.021278	0.536495-0.3710760	0.0001387	-0.05123	-0.00491
MAY	20	52779-0.018543	0.537491-0.3712179	0.0001651	-0.05082	-0.00521
MAY	21	52780-0.015423	0.538628-0.3714375	0.0002566	-0.05064	-0.00548
MAY	22	52781-0.012512	0.539666-0.3717461	0.0003830	-0.05059	-0.00570
MAY	23	52782-0.009802	0.540510-0.3722032	0.0005141	-0.05074	-0.00548
MAY	24	52783-0.006963	0.540992-0.3727638	0.0006042	-0.05102	-0.00505
MAY	25	52784-0.004062	0.541231-0.3733958	0.0006469	-0.05132	-0.00466
MAY	26	52785-0.000920	0.541510-0.3740390	0.0006326	-0.05160	-0.00439
MAY	27	52786 0.002427	0.542023-0.3746420	0.0005687	-0.05184	-0.00429
MAY	28	52787 0.005888	0.542716-0.3751592	0.0004597	-0.05202	-0.00434

MAY	29	52788	0.009338	0.543667-0.3755481	0.0003114	-0.05220	-0.00448
MAY	30	52789	0.012569	0.544621-0.3757751	0.0001475	-0.05215	-0.00474
MAY	31	52790	0.015627	0.545553-0.3758445	-0.0000400	-0.05202	-0.00498
JUN	1	52791	0.018488	0.546415-0.3757050	-0.0002378	-0.05194	-0.00514
JUN	2	52792	0.021329	0.547039-0.3753865	-0.0003750	-0.05190	-0.00522
JUN	3	52793	0.024378	0.547567-0.3749784	-0.0004393	-0.05193	-0.00526
JUN	4	52794	0.027815	0.547783-0.3745341	-0.0004642	-0.05202	-0.00532
JUN	5	52795	0.031533	0.547890-0.3740753	-0.0004032	-0.05212	-0.00538
JUN	6	52796	0.035024	0.547910-0.3737482	-0.0002036	-0.05223	-0.00540
JUN	7	52797	0.038187	0.547821-0.3736793	0.0000697	-0.05231	-0.00533
JUN	8	52798	0.041408	0.547825-0.3738842	0.0003119	-0.05241	-0.00516
JUN	9	52799	0.044808	0.547929-0.3742807	0.0004670	-0.05256	-0.00494
JUN	10	52800	0.048338	0.548039-0.3747783	0.0005200	-0.05279	-0.00471
JUN	11	52801	0.051791	0.548053-0.3752724	0.0004377	-0.05310	-0.00455
JUN	12	52802	0.055240	0.547762-0.3756116	0.0001927	-0.05344	-0.00449
JUN	13	52803	0.058723	0.547249-0.3756365	-0.0001472	-0.05376	-0.00455
JUN	14	52804	0.062170	0.546635-0.3753245	-0.0004518	-0.05399	-0.00470
JUN	15	52805	0.065867	0.546117-0.3747649	-0.0006431	-0.05411	-0.00493
JUN	16	52806	0.069825	0.545572-0.3740815	-0.0006859	-0.05413	-0.00517
JUN	17	52807	0.074140	0.545054-0.3734316	-0.0006015	-0.05409	-0.00536
JUN	18	52808	0.078635	0.544832-0.3729010	-0.0004784	-0.05403	-0.00544
JUN	19	52809	0.083030	0.544721-0.3724792	-0.0003248	-0.05390	-0.00546
JUN	20	52810	0.087718	0.544562-0.3722418	-0.0001648	-0.05373	-0.00527
JUN	21	52811	0.092071	0.544421-0.3721322	-0.0000903	-0.05363	-0.00503
JUN	22	52812	0.095966	0.544094-0.3720412	-0.0000855	-0.05371	-0.00486
JUN	23	52813	0.099866	0.543628-0.3719416	-0.0001063	-0.05410	-0.00468
JUN	24	52814	0.103638	0.543065-0.3718109	-0.0001849	-0.05481	-0.00447
JUN	25	52815	0.107341	0.542488-0.3715583	-0.0003485	-0.05584	-0.00416
JUN	26	52816	0.111025	0.542047-0.3711063	-0.0004960	-0.05638	-0.00415
JUN	27	52817	0.114830	0.541536-0.3705659	-0.0006280	-0.05636	-0.00443
JUN	28	52818	0.118725	0.540999-0.3698578	-0.0007814	-0.05622	-0.00474
JUN	29	52819	0.122734	0.540427-0.3690187	-0.0008862	-0.05611	-0.00498
JUN	30	52820	0.126783	0.539865-0.3681081	-0.0009101	-0.05604	-0.00512
JUL	1	52821	0.130568	0.539300-0.3672253	-0.0008569	-0.05606	-0.00515
JUL	2	52822	0.133995	0.538575-0.3664207	-0.0007759	-0.05619	-0.00508
JUL	3	52823	0.137033	0.537513-0.3656943	-0.0006516	-0.05633	-0.00495
JUL	4	52824	0.139980	0.535892-0.3651276	-0.0004807	-0.05626	-0.00482
JUL	5	52825	0.143212	0.534101-0.3647288	-0.0003138	-0.05612	-0.00472
JUL	6	52826	0.146510	0.532586-0.3644805	-0.0001719	-0.05613	-0.00463
JUL	7	52827	0.149685	0.531202-0.3643520	-0.0000923	-0.05643	-0.00456
JUL	8	52828	0.153105	0.529743-0.3642554	-0.0001403	-0.05703	-0.00450
JUL	9	52829	0.156730	0.528201-0.3640330	-0.0003433	-0.05809	-0.00443
JUL	10	52830	0.160452	0.526679-0.3635437	-0.0006075	-0.05878	-0.00439
JUL	11	52831	0.164038	0.525265-0.3628153	-0.0008172	-0.05856	-0.00438
JUL	12	52832	0.167543	0.523935-0.3619308	-0.0009379	-0.05811	-0.00439
JUL	13	52833	0.170633	0.522656-0.3609777	-0.0009650	-0.05781	-0.00445
JUL	14	52834	0.173236	0.521195-0.3600417	-0.0008900	-0.05771	-0.00457
JUL	15	52835	0.175698	0.519673-0.3592281	-0.0007166	-0.05783	-0.00477
JUL	16	52836	0.178283	0.518114-0.3586206	-0.0004917	-0.05813	-0.00505
JUL	17	52837	0.180992	0.516543-0.3582392	-0.0002905	-0.05843	-0.00512
JUL	18	52838	0.183573	0.514721-0.3580222	-0.0001540	-0.05899	-0.00501
JUL	19	52839	0.186349	0.512622-0.3579088	-0.0001017	-0.05963	-0.00485
JUL	20	52840	0.189345	0.510590-0.3577964	-0.0001300	-0.06007	-0.00470

JUL	21	52841	0.192028	0.508565-0.3576295	-0.0001923	-0.06025	-0.00458
JUL	22	52842	0.194416	0.506237-0.3573973	-0.0002725	-0.06019	-0.00452
JUL	23	52843	0.197179	0.503803-0.3570760	-0.0003878	-0.05987	-0.00453
JUL	24	52844	0.200027	0.501609-0.3566204	-0.0005156	-0.05976	-0.00454
JUL	25	52845	0.202518	0.499502-0.3560509	-0.0006173	-0.06015	-0.00446
JUL	26	52846	0.204772	0.497221-0.3553993	-0.0006664	-0.06069	-0.00470
JUL	27	52847	0.206889	0.494774-0.3547387	-0.0006487	-0.06108	-0.00519
JUL	28	52848	0.209062	0.492128-0.3541284	-0.0005793	-0.06116	-0.00548
JUL	29	52849	0.211370	0.489233-0.3536087	-0.0004628	-0.06088	-0.00530
JUL	30	52850	0.213892	0.486432-0.3532277	-0.0002897	-0.06026	-0.00441
JUL	31	52851	0.216585	0.483906-0.3530434	-0.0000679	-0.05998	-0.00421
AUG	1	52852	0.219217	0.481567-0.3530892	0.0001597	-0.06014	-0.00480
AUG	2	52853	0.221416	0.479482-0.3533421	0.0003309	-0.06036	-0.00520
AUG	3	52854	0.223138	0.477226-0.3537161	0.0003910	-0.06063	-0.00523
AUG	4	52855	0.224828	0.474735-0.3540835	0.0003222	-0.06098	-0.00503
AUG	5	52856	0.226499	0.472321-0.3543236	0.0001529	-0.06135	-0.00471
AUG	6	52857	0.228224	0.469610-0.3543656	-0.0000703	-0.06174	-0.00458
AUG	7	52858	0.230222	0.466593-0.3541784	-0.0003166	-0.06204	-0.00458
AUG	8	52859	0.232231	0.463674-0.3537485	-0.0005119	-0.06219	-0.00469
AUG	9	52860	0.234122	0.461053-0.3531872	-0.0005935	-0.06216	-0.00478
AUG	10	52861	0.235970	0.458832-0.3526007	-0.0005626	-0.06199	-0.00486
AUG	11	52862	0.237793	0.456770-0.3520960	-0.0004238	-0.06175	-0.00493
AUG	12	52863	0.239600	0.454466-0.3517727	-0.0002095	-0.06151	-0.00498
AUG	13	52864	0.241369	0.452083-0.3516787	0.0000088	-0.06135	-0.00501
AUG	14	52865	0.243158	0.449769-0.3517765	0.0001646	-0.06132	-0.00492
AUG	15	52866	0.244709	0.447434-0.3519851	0.0002895	-0.06146	-0.00473
AUG	16	52867	0.246051	0.444740-0.3523303	0.0003627	-0.06179	-0.00454
AUG	17	52868	0.247616	0.441721-0.3526878	0.0002954	-0.06223	-0.00441
AUG	18	52869	0.249188	0.438653-0.3529038	0.0001165	-0.06268	-0.00436
AUG	19	52870	0.250711	0.435433-0.3529101	-0.0000874	-0.06304	-0.00441
AUG	20	52871	0.252325	0.432391-0.3527260	-0.0002718	-0.06323	-0.00453
AUG	21	52872	0.253845	0.429687-0.3523716	-0.0004461	-0.06329	-0.00468
AUG	22	52873	0.255049	0.427266-0.3518459	-0.0005769	-0.06327	-0.00483
AUG	23	52874	0.255976	0.424895-0.3512363	-0.0006142	-0.06320	-0.00496
AUG	24	52875	0.257024	0.422029-0.3506419	-0.0006137	-0.06311	-0.00504
AUG	25	52876	0.258314	0.418848-0.3500374	-0.0005655	-0.06300	-0.00506
AUG	26	52877	0.259350	0.415663-0.3495394	-0.0003758	-0.06288	-0.00501
AUG	27	52878	0.260160	0.412323-0.3493070	-0.0000727	-0.06275	-0.00491
AUG	28	52879	0.261264	0.409065-0.3493994	0.0002817	-0.06255	-0.00481
AUG	29	52880	0.262364	0.406122-0.3498543	0.0005926	-0.06240	-0.00474
AUG	30	52881	0.263403	0.403299-0.3505485	0.0007500	-0.06240	-0.00469
AUG	31	52882	0.264490	0.400459-0.3513073	0.0007295	-0.06259	-0.00466
SEP	1	52883	0.265341	0.397441-0.3519632	0.0005707	-0.06290	-0.00463
SEP	2	52884	0.265620	0.394366-0.3524196	0.0003391	-0.06324	-0.00461
SEP	3	52885	0.265537	0.391193-0.3526346	0.0000821	-0.06349	-0.00458
SEP	4	52886	0.265494	0.387911-0.3525991	-0.0001518	-0.06357	-0.00456
SEP	5	52887	0.265318	0.384442-0.3523626	-0.0002784	-0.06349	-0.00456
SEP	6	52888	0.265179	0.380837-0.3520807	-0.0002956	-0.06331	-0.00461
SEP	7	52889	0.265137	0.377404-0.3518066	-0.0002586	-0.06310	-0.00467
SEP	8	52890	0.264959	0.374191-0.3515873	-0.0001285	-0.06293	-0.00469
SEP	9	52891	0.264772	0.371121-0.3515576	0.0000900	-0.06285	-0.00464
SEP	10	52892	0.264641	0.367842-0.3517595	0.0002662	-0.06286	-0.00452
SEP	11	52893	0.264745	0.364528-0.3520704	0.0003640	-0.06295	-0.00434

SEP	12	52894	0.264566	0.361273-0.3524622	0.0004015	-0.06306	-0.00411
SEP	13	52895	0.264303	0.357917-0.3528479	0.0003557	-0.06323	-0.00399
SEP	14	52896	0.264287	0.354744-0.3531524	0.0002645	-0.06343	-0.00401
SEP	15	52897	0.264323	0.351755-0.3533628	0.0001557	-0.06359	-0.00409
SEP	16	52898	0.264233	0.348813-0.3534580	0.0000404	-0.06363	-0.00414
SEP	17	52899	0.264076	0.345887-0.3534464	-0.0000587	-0.06352	-0.00408
SEP	18	52900	0.264024	0.342955-0.3533516	-0.0001845	-0.06326	-0.00418
SEP	19	52901	0.263777	0.339801-0.3530949	-0.0002807	-0.06302	-0.00450
SEP	20	52902	0.263092	0.336400-0.3528127	-0.0002733	-0.06269	-0.00480
SEP	21	52903	0.262571	0.332811-0.3525747	-0.0002162	-0.06226	-0.00491
SEP	22	52904	0.262622	0.329591-0.3524089	-0.0000660	-0.06189	-0.00483
SEP	23	52905	0.262550	0.326884-0.3524690	0.0002084	-0.06171	-0.00461
SEP	24	52906	0.261908	0.324049-0.3528411	0.0004862	-0.06184	-0.00430
SEP	25	52907	0.260962	0.320840-0.3534372	0.0007177	-0.06200	-0.00411
SEP	26	52908	0.260127	0.317315-0.3542484	0.0009039	-0.06214	-0.00409
SEP	27	52909	0.259660	0.313982-0.3551970	0.0009546	-0.06235	-0.00412
SEP	28	52910	0.259433	0.311037-0.3561041	0.0008271	-0.06261	-0.00419
SEP	29	52911	0.259274	0.308388-0.3568091	0.0005914	-0.06285	-0.00425
SEP	30	52912	0.259181	0.306162-0.3572691	0.0003433	-0.06302	-0.00429
OCT	1	52913	0.258500	0.304025-0.3574990	0.0001286	-0.06303	-0.00433
OCT	2	52914	0.257403	0.301394-0.3575611	-0.0000031	-0.06298	-0.00426
OCT	3	52915	0.256269	0.298689-0.3575341	-0.0000145	-0.06278	-0.00417
OCT	4	52916	0.255009	0.296159-0.3575706	0.0000827	-0.06244	-0.00409
OCT	5	52917	0.253658	0.293459-0.3577264	0.0002427	-0.06204	-0.00404
OCT	6	52918	0.252307	0.290431-0.3580676	0.0004464	-0.06167	-0.00398
OCT	7	52919	0.250972	0.287390-0.3586156	0.0006319	-0.06143	-0.00390
OCT	8	52920	0.249620	0.284656-0.3593159	0.0007309	-0.06139	-0.00378
OCT	9	52921	0.248136	0.282027-0.3600546	0.0007358	-0.06142	-0.00363
OCT	10	52922	0.246493	0.279236-0.3607623	0.0006919	-0.06140	-0.00348
OCT	11	52923	0.244450	0.276445-0.3614154	0.0006074	-0.06138	-0.00337
OCT	12	52924	0.242108	0.273653-0.3619597	0.0004752	-0.06137	-0.00336
OCT	13	52925	0.239842	0.270706-0.3623562	0.0003211	-0.06136	-0.00344
OCT	14	52926	0.237796	0.267499-0.3626014	0.0001737	-0.06132	-0.00360
OCT	15	52927	0.235849	0.264181-0.3627122	0.0000329	-0.06123	-0.00380
OCT	16	52928	0.233901	0.261055-0.3626833	-0.0000610	-0.06108	-0.00398
OCT	17	52929	0.231863	0.257925-0.3626116	-0.0000876	-0.06084	-0.00408
OCT	18	52930	0.229865	0.254949-0.3625327	-0.0000232	-0.06043	-0.00406
OCT	19	52931	0.227969	0.252464-0.3625916	0.0001486	-0.05995	-0.00393
OCT	20	52932	0.226043	0.250045-0.3628560	0.0003885	-0.05955	-0.00373
OCT	21	52933	0.224059	0.247355-0.3633897	0.0006781	-0.05937	-0.00351
OCT	22	52934	0.221958	0.244694-0.3642199	0.0009724	-0.05947	-0.00330
OCT	23	52935	0.220295	0.242224-0.3653210	0.0012119	-0.05975	-0.00315
OCT	24	52936	0.219343	0.239898-0.3666065	0.0013190	-0.06008	-0.00305
OCT	25	52937	0.218674	0.237712-0.3679054	0.0012872	-0.06028	-0.00302
OCT	26	52938	0.218149	0.235704-0.3691276	0.0010612	-0.06028	-0.00304
OCT	27	52939	0.217146	0.233726-0.3699933	0.0006576	-0.06014	-0.00309
OCT	28	52940	0.215529	0.231546-0.3704387	0.0002714	-0.05994	-0.00316
OCT	29	52941	0.213840	0.229176-0.3705616	0.0000197	-0.05979	-0.00323
OCT	30	52942	0.212472	0.226908-0.3705212	-0.0000907	-0.05973	-0.00330
OCT	31	52943	0.211082	0.225007-0.3704242	-0.0000976	-0.05972	-0.00336
NOV	1	52944	0.209286	0.223321-0.3703584	0.0000110	-0.05965	-0.00338
NOV	2	52945	0.207245	0.221562-0.3704613	0.0001720	-0.05952	-0.00334
NOV	3	52946	0.205088	0.219480-0.3707009	0.0003314	-0.05933	-0.00320

NOV	4	52947	0.202751	0.216948-0.3711106	0.0004923	-0.05913	-0.00297
NOV	5	52948	0.200358	0.214046-0.3716649	0.0005692	-0.05894	-0.00268
NOV	6	52949	0.198237	0.211105-0.3722259	0.0005524	-0.05881	-0.00242
NOV	7	52950	0.196369	0.208224-0.3727475	0.0004754	-0.05876	-0.00225
NOV	8	52951	0.194657	0.205633-0.3731582	0.0004074	-0.05878	-0.00221
NOV	9	52952	0.192767	0.203397-0.3735501	0.0003115	-0.05883	-0.00232
NOV	10	52953	0.190250	0.201171-0.3737771	0.0001271	-0.05883	-0.00251
NOV	11	52954	0.187262	0.198536-0.3738095	-0.0000318	-0.05875	-0.00271
NOV	12	52955	0.184539	0.196003-0.3737271	-0.0000746	-0.05852	-0.00285
NOV	13	52956	0.182192	0.193722-0.3736804	-0.0000336	-0.05823	-0.00291
NOV	14	52957	0.179865	0.191360-0.3736837	0.0000245	-0.05792	-0.00287
NOV	15	52958	0.177460	0.189040-0.3737541	0.0001128	-0.05760	-0.00277
NOV	16	52959	0.175198	0.187031-0.3739332	0.0002572	-0.05730	-0.00264
NOV	17	52960	0.172876	0.185443-0.3742890	0.0004613	-0.05705	-0.00249
NOV	18	52961	0.170202	0.183744-0.3748683	0.0006883	-0.05687	-0.00234
NOV	19	52962	0.167371	0.181897-0.3756637	0.0008948	-0.05680	-0.00219
NOV	20	52963	0.164426	0.180394-0.3766354	0.0010214	-0.05688	-0.00206
NOV	21	52964	0.161873	0.179136-0.3776641	0.0010971	-0.05710	-0.00196
NOV	22	52965	0.159432	0.178362-0.3787770	0.0010517	-0.05735	-0.00190
NOV	23	52966	0.156670	0.177738-0.3797217	0.0008101	-0.05754	-0.00188
NOV	24	52967	0.153515	0.176781-0.3803755	0.0004828	-0.05759	-0.00189
NOV	25	52968	0.149669	0.175546-0.3806977	0.0001781	-0.05749	-0.00190
NOV	26	52969	0.145351	0.174170-0.3807686	-0.0000157	-0.05724	-0.00187
NOV	27	52970	0.141313	0.172871-0.3807138	-0.0000621	-0.05695	-0.00185
NOV	28	52971	0.137931	0.171767-0.3806851	0.0000241	-0.05672	-0.00182
NOV	29	52972	0.134416	0.170557-0.3807842	0.0001775	-0.05659	-0.00176
NOV	30	52973	0.130415	0.169046-0.3810418	0.0003348	-0.05660	-0.00166
DEC	1	52974	0.126449	0.167746-0.3814400	0.0004574	-0.05671	-0.00151
DEC	2	52975	0.123177	0.166588-0.3819352	0.0005240	-0.05688	-0.00133
DEC	3	52976	0.120188	0.165384-0.3824647	0.0005235	-0.05702	-0.00115
DEC	4	52977	0.117050	0.164382-0.3829606	0.0004513	-0.05707	-0.00102
DEC	5	52978	0.114162	0.163820-0.3833494	0.0003466	-0.05702	-0.00096
DEC	6	52979	0.111443	0.163448-0.3836412	0.0002307	-0.05696	-0.00101
DEC	7	52980	0.108521	0.162967-0.3838050	0.0000762	-0.05692	-0.00114
DEC	8	52981	0.105469	0.162459-0.3837960	-0.0001226	-0.05684	-0.00133
DEC	9	52982	0.102545	0.162004-0.3835708	-0.0003066	-0.05669	-0.00152
DEC	10	52983	0.099812	0.161523-0.3832011	-0.0003766	-0.05642	-0.00167
DEC	11	52984	0.096838	0.160977-0.3828408	-0.0003886	-0.05601	-0.00177
DEC	12	52985	0.093387	0.160284-0.3824487	-0.0003534	-0.05556	-0.00179
DEC	13	52986	0.089754	0.159444-0.3821571	-0.0002538	-0.05516	-0.00175
DEC	14	52987	0.086450	0.158711-0.3819597	-0.0000940	-0.05490	-0.00167
DEC	15	52988	0.083510	0.158502-0.3819806	0.0001467	-0.05478	-0.00158
DEC	16	52989	0.080627	0.158407-0.3822540	0.0003934	-0.05479	-0.00150
DEC	17	52990	0.077634	0.158086-0.3827537	0.0006134	-0.05491	-0.00143
DEC	18	52991	0.074513	0.157662-0.3834510	0.0007649	-0.05508	-0.00131
DEC	19	52992	0.071537	0.157211-0.3842409	0.0007705	-0.05528	-0.00112
DEC	20	52993	0.068893	0.156867-0.3849475	0.0007864	-0.05553	-0.00095
DEC	21	52994	0.066344	0.156422-0.3857824	0.0006554	-0.05582	-0.00087
DEC	22	52995	0.063536	0.155857-0.3862532	0.0002554	-0.05610	-0.00090
DEC	23	52996	0.060382	0.155398-0.3863173	-0.0000341	-0.05631	-0.00102
DEC	24	52997	0.056685	0.155060-0.3862288	-0.0000825	-0.05642	-0.00118
DEC	25	52998	0.052631	0.154717-0.3861987	0.0000418	-0.05644	-0.00132
DEC	26	52999	0.048948	0.154442-0.3863446	0.0002439	-0.05640	-0.00136

DEC	27	53000	0.045875	0.154442-0.3866960	0.0004448	-0.05632	-0.00128
DEC	28	53001	0.042943	0.154662-0.3872228	0.0005927	-0.05620	-0.00108
DEC	29	53002	0.039913	0.154721-0.3878576	0.0006573	-0.05607	-0.00081
DEC	30	53003	0.037048	0.154426-0.3885104	0.0006294	-0.05591	-0.00053
DEC	31	53004	0.034110	0.154092-0.3890921	0.0005402	-0.05574	-0.00032