

INTERNATIONAL EARTH ROTATION SERVICE  
EARTH ROTATION PARAMETERS  
EOP (IERS) C 04 IAU2000

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	dX	dY
		"	"	s	s	"	"
(0h UTC)							
YEAR ==> 2003							
JAN	1	52640-0.088440	0.187985-0.2893180	0.0003911	-0.00089	0.00009	
JAN	2	52641-0.091450	0.190250-0.2896999	0.0003674	-0.00051	0.00004	
JAN	3	52642-0.094431	0.192703-0.2900884	0.0003651	-0.00012	-0.00002	
JAN	4	52643-0.097479	0.195204-0.2904630	0.0003741	0.00020	0.00000	
JAN	5	52644-0.100583	0.197401-0.2908584	0.0004423	0.00033	0.00007	
JAN	6	52645-0.103439	0.199374-0.2913556	0.0005871	0.00027	0.00009	
JAN	7	52646-0.105959	0.201267-0.2920287	0.0007575	0.00009	0.00001	
JAN	8	52647-0.108497	0.203335-0.2928588	0.0008631	-0.00007	-0.00011	
JAN	9	52648-0.110938	0.205535-0.2937386	0.0008957	-0.00013	-0.00015	
JAN	10	52649-0.113115	0.207930-0.2946320	0.0009185	-0.00005	-0.00010	
JAN	11	52650-0.115170	0.210383-0.2955582	0.0009181	0.00003	-0.00001	
JAN	12	52651-0.117184	0.212663-0.2964538	0.0008496	0.00003	0.00003	
JAN	13	52652-0.118870	0.214794-0.2972479	0.0007284	-0.00002	-0.00001	
JAN	14	52653-0.120305	0.216910-0.2979068	0.0005826	-0.00007	-0.00006	
JAN	15	52654-0.121617	0.219146-0.2984165	0.0004239	-0.00003	-0.00009	
JAN	16	52655-0.122809	0.221592-0.2987668	0.0002806	0.00002	-0.00005	
JAN	17	52656-0.124252	0.224093-0.2989991	0.0002105	-0.00001	-0.00001	
JAN	18	52657-0.125940	0.226527-0.2992167	0.0002335	-0.00005	-0.00002	
JAN	19	52658-0.127557	0.228839-0.2994972	0.0003270	-0.00006	-0.00008	
JAN	20	52659-0.128795	0.231035-0.2998948	0.0004707	-0.00006	-0.00014	
JAN	21	52660-0.129841	0.233469-0.3004474	0.0006387	-0.00004	-0.00011	
JAN	22	52661-0.130935	0.236400-0.3011615	0.0007926	-0.00003	0.00003	
JAN	23	52662-0.132124	0.239619-0.3020037	0.0008785	-0.00002	0.00011	
JAN	24	52663-0.133479	0.242472-0.3028791	0.0008888	0.00001	0.00016	
JAN	25	52664-0.135063	0.244842-0.3037411	0.0008245	0.00001	0.00014	
JAN	26	52665-0.136671	0.247037-0.3044969	0.0006556	-0.00004	0.00006	
JAN	27	52666-0.137975	0.249418-0.3050375	0.0004114	-0.00008	0.00000	
JAN	28	52667-0.138940	0.252155-0.3053243	0.0001769	-0.00010	-0.00003	
JAN	29	52668-0.139275	0.255119-0.3054132	0.0000216	-0.00005	0.00000	
JAN	30	52669-0.139256	0.258234-0.3054001	-0.0000422	-0.00007	-0.00007	
JAN	31	52670-0.139802	0.261282-0.3053626	-0.0000322	-0.00005	-0.00009	
FEB	1	52671-0.141062	0.264041-0.3053618	0.0000381	-0.00001	-0.00001	
FEB	2	52672-0.142504	0.266753-0.3054519	0.0001723	0.00000	0.00009	
FEB	3	52673-0.144007	0.269683-0.3057063	0.0003720	-0.00002	0.00013	
FEB	4	52674-0.145241	0.272571-0.3061855	0.0005918	-0.00004	0.00011	
FEB	5	52675-0.146116	0.275382-0.3068733	0.0007457	-0.00001	0.00008	
FEB	6	52676-0.147220	0.277949-0.3076575	0.0007884	0.00003	0.00011	
FEB	7	52677-0.148347	0.280427-0.3084311	0.0007537	0.00003	0.00013	
FEB	8	52678-0.149553	0.283199-0.3091488	0.0006718	-0.00004	0.00011	
FEB	9	52679-0.151182	0.285948-0.3097637	0.0005493	-0.00012	0.00007	
FEB	10	52680-0.152826	0.288606-0.3102430	0.0004127	-0.00016	0.00002	
FEB	11	52681-0.154224	0.291371-0.3105913	0.0002985	-0.00013	-0.00001	

FEB	12	52682-0.155260	0.294088-0.3108495	0.0002374	-0.00001	-0.00003
FEB	13	52683-0.155822	0.296829-0.3110840	0.0002510	0.00006	-0.00004
FEB	14	52684-0.156103	0.299490-0.3113781	0.0003282	0.00002	-0.00009
FEB	15	52685-0.156274	0.302099-0.3117728	0.0004257	-0.00002	-0.00002
FEB	16	52686-0.156211	0.304564-0.3122604	0.0005564	-0.00005	0.00012
FEB	17	52687-0.155720	0.307052-0.3129042	0.0007707	-0.00012	0.00018
FEB	18	52688-0.155182	0.310059-0.3137986	0.0010309	-0.00018	0.00014
FEB	19	52689-0.154875	0.313553-0.3149386	0.0012211	-0.00014	0.00009
FEB	20	52690-0.154651	0.317594-0.3161961	0.0012726	-0.00005	0.00001
FEB	21	52691-0.154960	0.321422-0.3174353	0.0011828	0.00003	0.00000
FEB	22	52692-0.155406	0.324455-0.3185234	0.0009752	0.00005	0.00006
FEB	23	52693-0.155367	0.327390-0.3193672	0.0007143	0.00001	0.00009
FEB	24	52694-0.155006	0.330439-0.3199557	0.0004797	-0.00002	0.00007
FEB	25	52695-0.154630	0.333465-0.3203483	0.0003166	-0.00002	0.00001
FEB	26	52696-0.154541	0.336415-0.3206211	0.0002278	-0.00004	-0.00015
FEB	27	52697-0.154569	0.339298-0.3208379	0.0002086	-0.00002	-0.00019
FEB	28	52698-0.154308	0.342120-0.3210664	0.0002412	0.00011	0.00002
MAR	1	52699-0.153754	0.344615-0.3213376	0.0003336	0.00020	0.00026
MAR	2	52700-0.153078	0.347175-0.3217380	0.0004809	0.00022	0.00037
MAR	3	52701-0.152748	0.350192-0.3222927	0.0006086	0.00016	0.00030
MAR	4	52702-0.153012	0.353140-0.3229401	0.0006687	0.00004	0.00012
MAR	5	52703-0.153336	0.355836-0.3236105	0.0006870	-0.00007	0.00000
MAR	6	52704-0.153650	0.358327-0.3242935	0.0006987	-0.00011	0.00001
MAR	7	52705-0.154062	0.360781-0.3249895	0.0006928	-0.00010	0.00009
MAR	8	52706-0.154452	0.363475-0.3256655	0.0006401	-0.00009	0.00012
MAR	9	52707-0.154648	0.366310-0.3262630	0.0005387	-0.00008	0.00009
MAR	10	52708-0.154822	0.369340-0.3267437	0.0004256	-0.00002	0.00009
MAR	11	52709-0.155539	0.372398-0.3271223	0.0003453	0.00006	0.00014
MAR	12	52710-0.156350	0.375454-0.3274496	0.0003143	0.00013	0.00016
MAR	13	52711-0.157032	0.378719-0.3277739	0.0003272	0.00011	0.00010
MAR	14	52712-0.157269	0.381428-0.3281340	0.0004207	0.00006	0.00006
MAR	15	52713-0.157062	0.384001-0.3286487	0.0006166	0.00013	0.00015
MAR	16	52714-0.156867	0.386895-0.3293951	0.0008784	0.00023	0.00030
MAR	17	52715-0.156634	0.389775-0.3304160	0.0011675	0.00019	0.00029
MAR	18	52716-0.155924	0.392623-0.3317146	0.0014212	0.00003	0.00003
MAR	19	52717-0.154842	0.395792-0.3332173	0.0015499	-0.00010	-0.00023
MAR	20	52718-0.153811	0.399586-0.3347593	0.0014966	-0.00006	-0.00026
MAR	21	52719-0.153052	0.403415-0.3361589	0.0012922	0.00005	-0.00007
MAR	22	52720-0.152262	0.406690-0.3373118	0.0010018	0.00008	0.00014
MAR	23	52721-0.151428	0.409604-0.3381579	0.0006828	0.00001	0.00018
MAR	24	52722-0.150436	0.412407-0.3386972	0.0004093	-0.00003	0.00010
MAR	25	52723-0.149017	0.415403-0.3390109	0.0002542	0.00000	0.00001
MAR	26	52724-0.147455	0.418326-0.3392428	0.0002455	0.00009	-0.00005
MAR	27	52725-0.145684	0.421188-0.3395329	0.0003378	0.00014	-0.00005
MAR	28	52726-0.143374	0.424049-0.3399386	0.0004741	0.00014	0.00000
MAR	29	52727-0.140570	0.426880-0.3404890	0.0006317	0.00008	0.00010
MAR	30	52728-0.137770	0.429857-0.3411985	0.0007754	0.00001	0.00018
MAR	31	52729-0.135382	0.432850-0.3420277	0.0008723	0.00000	0.00013
APR	1	52730-0.133255	0.435637-0.3429251	0.0009353	0.00004	-0.00002
APR	2	52731-0.131157	0.438607-0.3438777	0.0009837	0.00014	-0.00013
APR	3	52732-0.129012	0.441773-0.3448725	0.0009664	0.00021	-0.00009
APR	4	52733-0.126928	0.444697-0.3457944	0.0008725	0.00024	0.00003
APR	5	52734-0.124590	0.447551-0.3466077	0.0007634	0.00017	0.00010

APR	6	52735-0.122065	0.450779-0.3473196	0.0006495	0.00007	0.00008
APR	7	52736-0.119722	0.454080-0.3479131	0.0005161	0.00004	0.00008
APR	8	52737-0.117624	0.457012-0.3483656	0.0003864	0.00009	0.00014
APR	9	52738-0.115985	0.459729-0.3487062	0.0003175	0.00016	0.00015
APR	10	52739-0.114657	0.462368-0.3490267	0.0003383	0.00014	0.00007
APR	11	52740-0.113185	0.464854-0.3494135	0.0004570	0.00013	-0.00002
APR	12	52741-0.111354	0.467509-0.3499713	0.0006765	0.00023	0.00000
APR	13	52742-0.109279	0.470310-0.3507874	0.0009536	0.00035	0.00019
APR	14	52743-0.107170	0.472893-0.3518793	0.0012331	0.00031	0.00030
APR	15	52744-0.105235	0.475296-0.3532273	0.0014448	0.00013	0.00013
APR	16	52745-0.103748	0.477412-0.3547191	0.0014839	0.00000	-0.00011
APR	17	52746-0.102180	0.479236-0.3561366	0.0013072	0.00006	-0.00012
APR	18	52747-0.100276	0.481164-0.3572860	0.0010214	0.00024	0.00009
APR	19	52748-0.097995	0.483411-0.3581583	0.0007056	0.00034	0.00026
APR	20	52749-0.095468	0.485684-0.3587068	0.0003548	0.00030	0.00021
APR	21	52750-0.093031	0.487761-0.3589003	0.0000738	0.00021	0.00006
APR	22	52751-0.090696	0.489664-0.3588955	-0.0000146	0.00014	-0.00001
APR	23	52752-0.088471	0.491736-0.3589075	0.0000571	0.00008	-0.00001
APR	24	52753-0.085897	0.493711-0.3590339	0.0001867	0.00012	-0.00003
APR	25	52754-0.082774	0.495791-0.3592911	0.0003307	0.00017	0.00002
APR	26	52755-0.079973	0.497989-0.3596937	0.0004802	0.00016	0.00013
APR	27	52756-0.077594	0.500173-0.3602413	0.0006150	0.00011	0.00022
APR	28	52757-0.075161	0.502447-0.3609076	0.0007131	0.00008	0.00021
APR	29	52758-0.072835	0.504453-0.3616483	0.0007593	0.00008	0.00009
APR	30	52759-0.070269	0.506192-0.3624066	0.0007392	0.00003	0.00004
MAY	1	52760-0.066827	0.508016-0.3631093	0.0006281	-0.00005	0.00013
MAY	2	52761-0.062993	0.509898-0.3636507	0.0004365	-0.00014	0.00031
MAY	3	52762-0.059362	0.511609-0.3639775	0.0002267	-0.00020	0.00040
MAY	4	52763-0.056088	0.513425-0.3641080	0.0000572	-0.00017	0.00033
MAY	5	52764-0.053154	0.515439-0.3641041	-0.0000508	-0.00005	0.00019
MAY	6	52765-0.050087	0.517531-0.3640253	-0.0001068	0.00013	0.00010
MAY	7	52766-0.047112	0.519681-0.3639144	-0.0001089	0.00027	0.00005
MAY	8	52767-0.044682	0.521670-0.3638345	-0.0000173	0.00021	0.00005
MAY	9	52768-0.042168	0.523368-0.3639075	0.0001802	0.00007	-0.00001
MAY	10	52769-0.039654	0.525070-0.3642179	0.0004239	0.00004	-0.00011
MAY	11	52770-0.037665	0.526609-0.3647656	0.0006642	0.00012	-0.00010
MAY	12	52771-0.036023	0.527912-0.3655358	0.0009128	0.00016	-0.00002
MAY	13	52772-0.034395	0.529267-0.3665566	0.0011462	0.00014	0.00002
MAY	14	52773-0.032545	0.530575-0.3677759	0.0012344	0.00010	0.00016
MAY	15	52774-0.030393	0.531849-0.3689713	0.0010896	0.00017	0.00017
MAY	16	52775-0.028171	0.533122-0.3699180	0.0007891	0.00025	0.00013
MAY	17	52776-0.025903	0.534298-0.3705421	0.0004836	0.00029	0.00017
MAY	18	52777-0.023577	0.535466-0.3709074	0.0002514	0.00026	0.00014
MAY	19	52778-0.021242	0.536514-0.3710853	0.0001351	0.00021	0.00007
MAY	20	52779-0.018516	0.537504-0.3712200	0.0001582	0.00018	0.00010
MAY	21	52780-0.015411	0.538635-0.3714331	0.0002569	0.00017	0.00012
MAY	22	52781-0.012498	0.539677-0.3717487	0.0003847	0.00023	-0.00006
MAY	23	52782-0.009783	0.540523-0.3722023	0.0005152	0.00028	-0.00007
MAY	24	52783-0.006937	0.541002-0.3727688	0.0006106	0.00023	0.00008
MAY	25	52784-0.004024	0.541234-0.3734076	0.0006494	0.00012	0.00024
MAY	26	52785-0.000938	0.541522-0.3740490	0.0006283	0.00002	0.00033
MAY	27	52786 0.002420	0.542045-0.3746453	0.0005638	0.00003	0.00022
MAY	28	52787 0.005913	0.542734-0.3751594	0.0004583	0.00009	0.00001

MAY	29	52788	0.009358	0.543683-0.3755486	0.0003115	0.00010	-0.00008
MAY	30	52789	0.012595	0.544627-0.3757755	0.0001478	0.00016	-0.00001
MAY	31	52790	0.015664	0.545563-0.3758456	-0.0000363	0.00020	0.00014
JUN	1	52791	0.018542	0.546432-0.3757129	-0.0002329	0.00023	0.00022
JUN	2	52792	0.021352	0.547058-0.3753974	-0.0003778	0.00026	0.00017
JUN	3	52793	0.024396	0.547576-0.3749805	-0.0004478	0.00029	0.00008
JUN	4	52794	0.027839	0.547786-0.3745278	-0.0004634	0.00032	-0.00002
JUN	5	52795	0.031562	0.547907-0.3740791	-0.0003990	0.00031	-0.00008
JUN	6	52796	0.035049	0.547921-0.3737503	-0.0002061	0.00023	-0.00012
JUN	7	52797	0.038209	0.547832-0.3736780	0.0000657	0.00011	-0.00007
JUN	8	52798	0.041428	0.547854-0.3738783	0.0003099	0.00001	0.00004
JUN	9	52799	0.044839	0.547925-0.3742755	0.0004703	-0.00001	0.00014
JUN	10	52800	0.048363	0.548044-0.3747790	0.0005237	0.00006	0.00010
JUN	11	52801	0.051813	0.548070-0.3752746	0.0004345	0.00023	-0.00006
JUN	12	52802	0.055271	0.547790-0.3756058	0.0001898	0.00042	-0.00017
JUN	13	52803	0.058753	0.547242-0.3756330	-0.0001359	0.00053	-0.00018
JUN	14	52804	0.062197	0.546669-0.3753413	-0.0004353	0.00051	-0.00022
JUN	15	52805	0.065898	0.546113-0.3747943	-0.0006388	0.00038	-0.00035
JUN	16	52806	0.069849	0.545588-0.3741068	-0.0006984	0.00021	-0.00043
JUN	17	52807	0.074156	0.545067-0.3734359	-0.0006208	0.00006	-0.00032
JUN	18	52808	0.078647	0.544844-0.3728879	-0.0004818	-0.00002	-0.00011
JUN	19	52809	0.083076	0.544730-0.3724768	-0.0003160	0.00009	-0.00009
JUN	20	52810	0.087753	0.544572-0.3722465	-0.0001613	0.00031	-0.00022
JUN	21	52811	0.092089	0.544433-0.3721369	-0.0000871	0.00051	-0.00037
JUN	22	52812	0.095996	0.544107-0.3720523	-0.0000811	0.00057	-0.00042
JUN	23	52813	0.099894	0.543640-0.3719551	-0.0001104	0.00048	-0.00030
JUN	24	52814	0.103652	0.543076-0.3718138	-0.0001934	0.00031	-0.00013
JUN	25	52815	0.107342	0.542500-0.3715549	-0.0003439	0.00007	0.00010
JUN	26	52816	0.111058	0.542057-0.3711183	-0.0004965	0.00000	0.00015
JUN	27	52817	0.114853	0.541552-0.3705614	-0.0006306	0.00010	0.00011
JUN	28	52818	0.118748	0.541015-0.3698645	-0.0007660	0.00020	0.00015
JUN	29	52819	0.122762	0.540439-0.3690451	-0.0008784	0.00026	0.00017
JUN	30	52820	0.126807	0.539879-0.3681304	-0.0009216	0.00029	0.00005
JUL	1	52821	0.130580	0.539311-0.3672287	-0.0008708	0.00028	-0.00011
JUL	2	52822	0.134007	0.538585-0.3664152	-0.0007783	0.00027	-0.00019
JUL	3	52823	0.137060	0.537525-0.3656930	-0.0006486	0.00029	-0.00010
JUL	4	52824	0.140003	0.535908-0.3651281	-0.0004804	0.00034	0.00009
JUL	5	52825	0.143227	0.534115-0.3647280	-0.0003143	0.00036	0.00023
JUL	6	52826	0.146537	0.532601-0.3644798	-0.0001714	0.00031	0.00022
JUL	7	52827	0.149706	0.531210-0.3643523	-0.0000917	0.00024	0.00005
JUL	8	52828	0.153114	0.529755-0.3642558	-0.0001408	0.00020	-0.00018
JUL	9	52829	0.156780	0.528201-0.3640323	-0.0003437	0.00008	-0.00031
JUL	10	52830	0.160469	0.526691-0.3635435	-0.0006066	0.00007	-0.00027
JUL	11	52831	0.164047	0.525269-0.3628166	-0.0008165	0.00031	-0.00012
JUL	12	52832	0.167564	0.523942-0.3619320	-0.0009388	0.00048	0.00002
JUL	13	52833	0.170647	0.522659-0.3609771	-0.0009668	0.00052	0.00005
JUL	14	52834	0.173254	0.521212-0.3600392	-0.0008904	0.00047	0.00001
JUL	15	52835	0.175712	0.519685-0.3592266	-0.0007142	0.00036	-0.00002
JUL	16	52836	0.178300	0.518121-0.3586231	-0.0004902	0.00022	-0.00013
JUL	17	52837	0.181009	0.516552-0.3582405	-0.0002927	0.00016	-0.00018
JUL	18	52838	0.183590	0.514730-0.3580203	-0.0001540	0.00005	-0.00022
JUL	19	52839	0.186367	0.512632-0.3579100	-0.0000976	-0.00003	-0.00028
JUL	20	52840	0.189367	0.510594-0.3578027	-0.0001272	-0.00005	-0.00027

JUL	21	52841	0.192053	0.508575-0.3576363	-0.0001943	-0.00002	-0.00020
JUL	22	52842	0.194427	0.506249-0.3573996	-0.0002769	0.00009	-0.00019
JUL	23	52843	0.197176	0.503812-0.3570742	-0.0003891	0.00031	-0.00029
JUL	24	52844	0.200056	0.501618-0.3566199	-0.0005150	0.00045	-0.00032
JUL	25	52845	0.202542	0.499514-0.3560501	-0.0006180	0.00040	-0.00008
JUL	26	52846	0.204794	0.497229-0.3553975	-0.0006671	0.00024	0.00001
JUL	27	52847	0.206910	0.494786-0.3547365	-0.0006482	0.00009	-0.00016
JUL	28	52848	0.209074	0.492136-0.3541275	-0.0005777	0.00002	-0.00035
JUL	29	52849	0.211378	0.489244-0.3536097	-0.0004622	0.00007	-0.00029
JUL	30	52850	0.213907	0.486444-0.3532281	-0.0002901	0.00027	0.00041
JUL	31	52851	0.216605	0.483922-0.3530434	-0.0000679	0.00038	0.00049
AUG	1	52852	0.219239	0.481582-0.3530895	0.0001597	0.00034	-0.00007
AUG	2	52853	0.221437	0.479490-0.3533421	0.0003306	0.00027	-0.00037
AUG	3	52854	0.223159	0.477242-0.3537160	0.0003910	0.00020	-0.00040
AUG	4	52855	0.224852	0.474746-0.3540836	0.0003224	0.00016	-0.00035
AUG	5	52856	0.226512	0.472330-0.3543239	0.0001531	0.00018	-0.00026
AUG	6	52857	0.228238	0.469626-0.3543661	-0.0000705	0.00023	-0.00027
AUG	7	52858	0.230252	0.466602-0.3541783	-0.0003170	0.00025	-0.00028
AUG	8	52859	0.232270	0.463684-0.3537482	-0.0005118	0.00024	-0.00028
AUG	9	52860	0.234144	0.461062-0.3531872	-0.0005965	0.00019	-0.00027
AUG	10	52861	0.235987	0.458842-0.3525944	-0.0005674	0.00018	-0.00028
AUG	11	52862	0.237814	0.456787-0.3520864	-0.0004208	0.00021	-0.00030
AUG	12	52863	0.239617	0.454461-0.3517724	-0.0002006	0.00028	-0.00031
AUG	13	52864	0.241383	0.452079-0.3516868	0.0000063	0.00035	-0.00035
AUG	14	52865	0.243177	0.449783-0.3517713	0.0001597	0.00037	-0.00037
AUG	15	52866	0.244730	0.447442-0.3519834	0.0002938	0.00038	-0.00034
AUG	16	52867	0.246067	0.444749-0.3523338	0.0003642	0.00038	-0.00029
AUG	17	52868	0.247634	0.441730-0.3526891	0.0002926	0.00034	-0.00018
AUG	18	52869	0.249212	0.438662-0.3529015	0.0001160	0.00027	-0.00009
AUG	19	52870	0.250722	0.435441-0.3529105	-0.0000855	0.00016	-0.00012
AUG	20	52871	0.252336	0.432398-0.3527276	-0.0002744	0.00009	-0.00027
AUG	21	52872	0.253863	0.429699-0.3523667	-0.0004489	0.00011	-0.00043
AUG	22	52873	0.255075	0.427275-0.3518418	-0.0005741	0.00018	-0.00046
AUG	23	52874	0.256005	0.424903-0.3512371	-0.0006227	0.00021	-0.00035
AUG	24	52875	0.257039	0.422039-0.3506208	-0.0006225	0.00018	-0.00019
AUG	25	52876	0.258328	0.418858-0.3500207	-0.0005560	0.00010	-0.00012
AUG	26	52877	0.259370	0.415672-0.3495374	-0.0003684	0.00004	-0.00016
AUG	27	52878	0.260179	0.412332-0.3493053	-0.0000695	0.00003	-0.00026
AUG	28	52879	0.261272	0.409074-0.3494039	0.0002828	0.00011	-0.00034
AUG	29	52880	0.262419	0.406128-0.3498548	0.0005902	0.00020	-0.00032
AUG	30	52881	0.263455	0.403310-0.3505481	0.0007510	0.00027	-0.00017
AUG	31	52882	0.264502	0.400469-0.3513098	0.0007319	0.00032	0.00001
SEP	1	52883	0.265360	0.397452-0.3519677	0.0005711	0.00033	0.00012
SEP	2	52884	0.265643	0.394374-0.3524229	0.0003367	0.00030	0.00008
SEP	3	52885	0.265549	0.391201-0.3526342	0.0000787	0.00026	-0.00005
SEP	4	52886	0.265493	0.387917-0.3525956	-0.0001518	0.00023	-0.00017
SEP	5	52887	0.265364	0.384448-0.3523623	-0.0002728	0.00023	-0.00024
SEP	6	52888	0.265223	0.380843-0.3520885	-0.0002868	0.00025	-0.00028
SEP	7	52889	0.265144	0.377414-0.3518238	-0.0002542	0.00026	-0.00028
SEP	8	52890	0.264977	0.374203-0.3516039	-0.0001359	0.00024	-0.00023
SEP	9	52891	0.264776	0.371131-0.3515598	0.0000781	0.00020	-0.00018
SEP	10	52892	0.264654	0.367842-0.3517521	0.0002687	0.00014	-0.00019
SEP	11	52893	0.264755	0.364538-0.3520776	0.0003670	0.00008	-0.00026

SEP	12	52894	0.264570	0.361279-0.3524609	0.0004000	0.00006	-0.00029
SEP	13	52895	0.264318	0.357927-0.3528522	0.0003645	0.00006	-0.00029
SEP	14	52896	0.264310	0.354754-0.3531687	0.0002650	0.00006	-0.00024
SEP	15	52897	0.264339	0.351763-0.3533682	0.0001471	0.00005	-0.00016
SEP	16	52898	0.264242	0.348819-0.3534571	0.0000424	0.00002	-0.00011
SEP	17	52899	0.264086	0.345899-0.3534558	-0.0000588	0.00003	-0.00002
SEP	18	52900	0.264030	0.342960-0.3533504	-0.0001878	0.00012	-0.00006
SEP	19	52901	0.263790	0.339809-0.3530977	-0.0002782	0.00023	-0.00023
SEP	20	52902	0.263108	0.336403-0.3528164	-0.0002742	0.00031	-0.00034
SEP	21	52903	0.262585	0.332824-0.3525758	-0.0002148	0.00032	-0.00036
SEP	22	52904	0.262639	0.329594-0.3524154	-0.0000639	0.00026	-0.00036
SEP	23	52905	0.262575	0.326886-0.3524741	0.0002030	0.00022	-0.00034
SEP	24	52906	0.261925	0.324059-0.3528369	0.0004838	0.00017	-0.00033
SEP	25	52907	0.260974	0.320849-0.3534377	0.0007211	0.00016	-0.00036
SEP	26	52908	0.260144	0.317324-0.3542508	0.0009038	0.00017	-0.00040
SEP	27	52909	0.259676	0.313986-0.3551974	0.0009533	0.00014	-0.00034
SEP	28	52910	0.259444	0.311054-0.3561038	0.0008266	0.00010	-0.00017
SEP	29	52911	0.259302	0.308400-0.3568084	0.0005913	0.00003	-0.00005
SEP	30	52912	0.259166	0.306167-0.3572687	0.0003449	-0.00003	-0.00012
OCT	1	52913	0.258521	0.304004-0.3575086	0.0001305	-0.00006	-0.00030
OCT	2	52914	0.257403	0.301390-0.3575617	-0.0000088	-0.00002	-0.00042
OCT	3	52915	0.256272	0.298689-0.3575322	-0.0000120	0.00006	-0.00039
OCT	4	52916	0.255014	0.296154-0.3575761	0.0000896	0.00018	-0.00027
OCT	5	52917	0.253651	0.293446-0.3577383	0.0002369	0.00025	-0.00013
OCT	6	52918	0.252311	0.290425-0.3580615	0.0004346	0.00025	-0.00001
OCT	7	52919	0.250978	0.287392-0.3586040	0.0006399	0.00020	0.00006
OCT	8	52920	0.249621	0.284641-0.3593258	0.0007465	0.00011	0.00000
OCT	9	52921	0.248123	0.282020-0.3600742	0.0007313	0.00006	-0.00018
OCT	10	52922	0.246438	0.279240-0.3607633	0.0006850	0.00004	-0.00037
OCT	11	52923	0.244440	0.276439-0.3614213	0.0006137	0.00003	-0.00044
OCT	12	52924	0.242129	0.273648-0.3619732	0.0004735	0.00003	-0.00033
OCT	13	52925	0.239839	0.270704-0.3623587	0.0003105	0.00003	-0.00017
OCT	14	52926	0.237808	0.267499-0.3625938	0.0001720	0.00003	-0.00012
OCT	15	52927	0.235857	0.264201-0.3627113	0.0000453	0.00008	-0.00017
OCT	16	52928	0.233897	0.261058-0.3627003	-0.0000614	0.00012	-0.00026
OCT	17	52929	0.231853	0.257947-0.3626098	-0.0000909	0.00017	-0.00027
OCT	18	52930	0.229864	0.254977-0.3625432	-0.0000219	0.00021	-0.00018
OCT	19	52931	0.227977	0.252459-0.3625925	0.0001378	0.00019	-0.00013
OCT	20	52932	0.226047	0.250038-0.3628448	0.0003853	0.00013	-0.00017
OCT	21	52933	0.224081	0.247361-0.3633842	0.0006891	0.00012	-0.00020
OCT	22	52934	0.221981	0.244692-0.3642308	0.0009728	0.00017	-0.00019
OCT	23	52935	0.220299	0.242219-0.3653163	0.0012003	0.00016	-0.00020
OCT	24	52936	0.219308	0.239925-0.3665940	0.0013325	0.00008	-0.00028
OCT	25	52937	0.218657	0.237729-0.3679276	0.0012827	0.00000	-0.00036
OCT	26	52938	0.218152	0.235688-0.3691061	0.0010316	-0.00004	-0.00029
OCT	27	52939	0.217156	0.233725-0.3699562	0.0006621	-0.00006	-0.00015
OCT	28	52940	0.215500	0.231539-0.3704262	0.0002984	-0.00001	-0.00015
OCT	29	52941	0.213813	0.229164-0.3705784	0.0000333	0.00017	-0.00019
OCT	30	52942	0.212487	0.226918-0.3705357	-0.0000959	0.00027	-0.00031
OCT	31	52943	0.211076	0.225020-0.3704307	-0.0000949	0.00021	-0.00036
NOV	1	52944	0.209277	0.223324-0.3703782	0.0000046	0.00016	-0.00023
NOV	2	52945	0.207253	0.221558-0.3704549	0.0001545	0.00014	-0.00014
NOV	3	52946	0.205093	0.219486-0.3706857	0.0003272	0.00012	-0.00015

NOV	4	52947	0.202750	0.216980-0.3710957	0.0004900	0.00007	-0.00020
NOV	5	52948	0.200374	0.214078-0.3716453	0.0005734	-0.00002	-0.00031
NOV	6	52949	0.198254	0.211110-0.3722193	0.0005598	-0.00004	-0.00040
NOV	7	52950	0.196328	0.208233-0.3727427	0.0004917	0.00003	-0.00031
NOV	8	52951	0.194614	0.205618-0.3731844	0.0004038	0.00006	-0.00020
NOV	9	52952	0.192779	0.203377-0.3735381	0.0002895	0.00002	-0.00011
NOV	10	52953	0.190261	0.201148-0.3737594	0.0001313	-0.00003	-0.00005
NOV	11	52954	0.187247	0.198496-0.3738060	-0.0000176	-0.00007	-0.00010
NOV	12	52955	0.184521	0.195992-0.3737379	-0.0000701	-0.00005	-0.00020
NOV	13	52956	0.182203	0.193703-0.3736860	-0.0000367	0.00003	-0.00025
NOV	14	52957	0.179887	0.191391-0.3736882	0.0000275	0.00012	-0.00018
NOV	15	52958	0.177476	0.189058-0.3737657	0.0001131	0.00016	-0.00006
NOV	16	52959	0.175202	0.187029-0.3739384	0.0002445	0.00011	-0.00005
NOV	17	52960	0.172883	0.185414-0.3742754	0.0004547	0.00004	-0.00015
NOV	18	52961	0.170185	0.183756-0.3748604	0.0007072	0.00003	-0.00020
NOV	19	52962	0.167337	0.181906-0.3756878	0.0008998	0.00009	-0.00011
NOV	20	52963	0.164446	0.180362-0.3766376	0.0010082	0.00013	-0.00005
NOV	21	52964	0.161866	0.179120-0.3776617	0.0010938	0.00012	-0.00019
NOV	22	52965	0.159414	0.178309-0.3787727	0.0010710	0.00011	-0.00043
NOV	23	52966	0.156673	0.177718-0.3797581	0.0008252	0.00011	-0.00048
NOV	24	52967	0.153520	0.176781-0.3804013	0.0004640	0.00006	-0.00033
NOV	25	52968	0.149675	0.175554-0.3806964	0.0001649	0.00000	-0.00023
NOV	26	52969	0.145299	0.174191-0.3807681	-0.0000125	0.00006	-0.00026
NOV	27	52970	0.141285	0.172881-0.3807189	-0.0000545	0.00023	-0.00021
NOV	28	52971	0.137943	0.171768-0.3806999	0.0000335	0.00036	0.00007
NOV	29	52972	0.134416	0.170551-0.3808081	0.0001774	0.00037	0.00039
NOV	30	52973	0.130413	0.169046-0.3810564	0.0003204	0.00027	0.00042
DEC	1	52974	0.126460	0.167713-0.3814351	0.0004460	0.00015	0.00019
DEC	2	52975	0.123172	0.166612-0.3819269	0.0005298	0.00005	-0.00006
DEC	3	52976	0.120189	0.165389-0.3824716	0.0005302	0.00001	-0.00012
DEC	4	52977	0.117065	0.164371-0.3829658	0.0004464	0.00000	-0.00011
DEC	5	52978	0.114130	0.163832-0.3833466	0.0003454	0.00002	-0.00016
DEC	6	52979	0.111412	0.163452-0.3836441	0.0002396	0.00001	-0.00027
DEC	7	52980	0.108534	0.162964-0.3838200	0.0000711	-0.00003	-0.00031
DEC	8	52981	0.105472	0.162455-0.3837889	-0.0001396	-0.00006	-0.00022
DEC	9	52982	0.102534	0.162009-0.3835518	-0.0003025	-0.00003	-0.00013
DEC	10	52983	0.099845	0.161519-0.3832022	-0.0003738	0.00006	-0.00014
DEC	11	52984	0.096876	0.160965-0.3828273	-0.0003905	0.00016	-0.00021
DEC	12	52985	0.093367	0.160301-0.3824459	-0.0003415	0.00025	-0.00024
DEC	13	52986	0.089747	0.159451-0.3821675	-0.0002290	0.00028	-0.00018
DEC	14	52987	0.086461	0.158719-0.3820066	-0.0000836	0.00027	-0.00012
DEC	15	52988	0.083513	0.158508-0.3820118	0.0001237	0.00022	-0.00015
DEC	16	52989	0.080623	0.158360-0.3822547	0.0003825	0.00014	-0.00019
DEC	17	52990	0.077645	0.158089-0.3827585	0.0006067	0.00002	-0.00025
DEC	18	52991	0.074506	0.157660-0.3834364	0.0007799	0.00001	-0.00019
DEC	19	52992	0.071547	0.157199-0.3842757	0.0007594	0.00004	-0.00017
DEC	20	52993	0.068858	0.156880-0.3849105	0.0008320	0.00011	-0.00024
DEC	21	52994	0.066394	0.156438-0.3859083	0.0007050	0.00023	-0.00025
DEC	22	52995	0.063489	0.155833-0.3863155	0.0001946	0.00025	-0.00013
DEC	23	52996	0.060409	0.155409-0.3863217	-0.0000606	0.00012	-0.00011
DEC	24	52997	0.056736	0.155044-0.3862381	-0.0000855	-0.00006	-0.00027
DEC	25	52998	0.052588	0.154739-0.3861971	0.0000343	-0.00020	-0.00044
DEC	26	52999	0.048978	0.154423-0.3863389	0.0002438	-0.00030	-0.00039

DEC	27	53000	0.045821	0.154451-0.3866943	0.0004485	-0.00036	-0.00016
DEC	28	53001	0.043053	0.154645-0.3872245	0.0005945	-0.00036	-0.00005
DEC	29	53002	0.039770	0.154755-0.3878595	0.0006566	-0.00026	-0.00013
DEC	30	53003	0.037170	0.154394-0.3885107	0.0006341	-0.00008	-0.00020
DEC	31	53004	0.033955	0.154104-0.3891035	0.0005325	0.00010	-0.00011