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================================================================================
Following IAU Conventions 2000, IERS provides new products dX, dY, celestial
pole offsets with respect to the new IAU2000A Precession-Nutation theory
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The present Bulletin B version includes the celestial pole offsets dX, dY:

dX = X_obs - X_IAU2000A and dY = Y_obs - Y_IAU2000A

where

X_obs, Y_obs are the observed coordinates of the Celestial Intermediate
Pole (CIP) in the Geocentric Celestial Reference System, and

X_IAU2000A, Y_IAU2000A are the celestial pole coordinates provided by using
the IAU2000A Precession-Nutation theory.

The current Bulletin B including (dpsi,deps)_1980 will be maintained
as long as necessary.

For more details refer to IERS Messages 38, on IAU 2000 Resolution Compliancy
Information.
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     Contents are described in the Explanatory Supplement available at
     http://hpiers.obspm.fr/eop-pc/

 1 - EARTH ORIENTATION PARAMETERS (IERS evaluation).
     The values in this section are samplings of section 2 given at five-day
     intervals.

Date 2008 (0h UTC)	MJD	x "	y "	UT1R-UTC s	UT1R-TAI s	dX 0.001"	dY 0.001"

 Final Bulletin B values.

AUG 1	54679	0.28106	0.41833	-0.453696	-33.453696	0.27	-0.45
AUG 6	54684	0.28857	0.40135	-0.454996	-33.454996	0.03	-0.44
AUG 11	54689	0.29238	0.38605	-0.456713	-33.456713	-0.06	-0.19
AUG 16	54694	0.29359	0.37066	-0.458346	-33.458346	0.14	-0.47
AUG 21	54699	0.29612	0.35569	-0.459724	-33.459724	0.13	-0.43
AUG 26	54704	0.29785	0.33954	-0.461818	-33.461818	0.20	-0.41
AUG 31	54709	0.29863	0.32243	-0.464201	-33.464201	0.10	-0.15

 Preliminary extension, to be updated weekly in Bulletin A and monthly
  in Bulletin B.

SEP 5	54714	0.29867	0.30358	-0.467119	-33.467119	0.08	-0.47
SEP 10	54719	0.29689	0.28673	-0.470492	-33.470492	0.26	-0.51
SEP 15	54724	0.29147	0.27134	-0.474863	-33.474863	0.18	-0.43
SEP 20	54729	0.28416	0.25469	-0.480226	-33.480226	0.02	-0.04
SEP 25	54734	0.27478	0.23766	-0.484910	-33.484910	0.02	-0.04
SEP 30	54739	0.26652	0.22284	-0.489558	-33.489558	0.02	-0.04
OCT 5	54744	0.25540	0.20982	-0.494413	-33.494413	0.00	0.00
OCT 10	54749	0.24363	0.19772	-0.498531	-33.498531	0.00	0.00
OCT 15	54754	0.23277	0.18556	-0.502774	-33.502774	0.00	0.00
OCT 20	54759	0.21903	0.17507	-0.507320	-33.507320	0.00	0.00
OCT 25	54764	0.20506	0.16583	-0.512114	-33.512114	0.00	0.00
OCT 30	54769	0.18944	0.15724	-0.517134	-33.517134	0.00	0.00
NOV 4	54774	0.17308	0.15006	-0.522274	-33.522274	0.00	0.00
NOV 9	54779	0.15612	0.14376	-0.527513	-33.527513	0.00	0.00
NOV 14	54784	0.13730	0.13862	-0.532841	-33.532841	0.00	0.00
NOV 19	54789	0.11895	0.13472	-0.538165	-33.538165	0.00	0.00

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 NOV  24  54794  0.10067  0.13271 -0.543488  -33.543488    0.00    0.00
 NOV  29  54799  0.08198  0.13236 -0.548758  -33.548758    0.00    0.00


Note. In UT1R, the effects of zonal tides with periods shorter than 35 days
are removed ; UT1-UT1R (smaller than 0.0025s in absolute value) should be
added after quadratic interpolation of UT1R. Section 2 of this Bulletin gives
the daily interpolation of x, y, UT1, duration of day, dX, and dY.
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2 - SMOOTHED VALUES OF x, y, UT1, D, dX, dY (IERS EVALUATION)
at one-day intervals. For smoothing characteristics, see Table2 in the
explanatory supplement. The reference system is described in the 2007
IERS Annual Report.
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2008		MJD	x	y	UT1-UTC	UT1-UT1R	D	dX	dY
(0 h UTC)			"	"	s	ms	ms	0.001"	0.001"
AUG	1	54679	0.28106	0.41833	-0.453006	0.690	0.291	0.27	-0.45
AUG	2	54680	0.28226	0.41510	-0.453459	0.514	0.511	0.27	-0.38
AUG	3	54681	0.28367	0.41164	-0.454034	0.125	0.690	0.26	-0.34
AUG	4	54682	0.28528	0.40813	-0.454832	-0.381	0.793	0.22	-0.35
AUG	5	54683	0.28690	0.40469	-0.455632	-0.885	0.741	0.14	-0.39
AUG	6	54684	0.28857	0.40135	-0.456278	-1.282	0.597	0.03	-0.44
AUG	7	54685	0.28998	0.39844	-0.456774	-1.503	0.406	-0.08	-0.43
AUG	8	54686	0.29074	0.39561	-0.457133	-1.518	0.219	-0.15	-0.35
AUG	9	54687	0.29141	0.39271	-0.457260	-1.327	0.083	-0.18	-0.21
AUG	10	54688	0.29193	0.38954	-0.457238	-0.959	-0.060	-0.14	-0.18
AUG	11	54689	0.29238	0.38605	-0.457175	-0.462	-0.170	-0.06	-0.19
AUG	12	54690	0.29275	0.38273	-0.456922	0.100	-0.228	0.04	-0.28
AUG	13	54691	0.29298	0.37940	-0.456718	0.651	-0.173	0.12	-0.37
AUG	14	54692	0.29303	0.37641	-0.456592	1.116	-0.060	0.16	-0.45
AUG	15	54693	0.29294	0.37346	-0.456623	1.424	0.088	0.16	-0.48
AUG	16	54694	0.29359	0.37066	-0.456820	1.526	0.260	0.14	-0.47
AUG	17	54695	0.29423	0.36810	-0.457137	1.400	0.433	0.13	-0.47
AUG	18	54696	0.29446	0.36514	-0.457699	1.067	0.651	0.12	-0.48
AUG	19	54697	0.29480	0.36191	-0.458461	0.589	0.821	0.13	-0.49
AUG	20	54698	0.29536	0.35878	-0.459296	0.065	0.856	0.13	-0.46
AUG	21	54699	0.29612	0.35569	-0.460115	-0.391	0.745	0.13	-0.43
AUG	22	54700	0.29702	0.35236	-0.460801	-0.679	0.554	0.14	-0.41
AUG	23	54701	0.29805	0.34912	-0.461259	-0.737	0.349	0.15	-0.40
AUG	24	54702	0.29858	0.34618	-0.461498	-0.564	0.169	0.17	-0.40
AUG	25	54703	0.29822	0.34312	-0.461576	-0.218	0.047	0.19	-0.41
AUG	26	54704	0.29785	0.33954	-0.461624	0.194	0.076	0.20	-0.41
AUG	27	54705	0.29807	0.33593	-0.461780	0.547	0.220	0.18	-0.40
AUG	28	54706	0.29824	0.33265	-0.462064	0.727	0.371	0.15	-0.34
AUG	29	54707	0.29828	0.32955	-0.462520	0.672	0.604	0.12	-0.26
AUG	30	54708	0.29847	0.32623	-0.463338	0.383	0.874	0.10	-0.18
AUG	31	54709	0.29863	0.32243	-0.464274	-0.073	1.015	0.10	-0.15
SEP	1	54710	0.29868	0.31859	-0.465333	-0.588	1.041	0.11	-0.19
SEP	2	54711	0.29891	0.31472	-0.466359	-1.047	0.968	0.12	-0.30
SEP	3	54712	0.29921	0.31091	-0.467262	-1.356	0.794	0.11	-0.41
SEP	4	54713	0.29909	0.30729	-0.467970	-1.462	0.588	0.09	-0.49
SEP	5	54714	0.29867	0.30358	-0.468473	-1.353	0.390	0.08	-0.47
SEP	6	54715	0.29827	0.29997	-0.468774	-1.049	0.230	0.08	-0.38
SEP	7	54716	0.29789	0.29648	-0.468969	-0.594	0.124	0.11	-0.29
SEP	8	54717	0.29755	0.29309	-0.469068	-0.049	0.120	0.18	-0.28
SEP	9	54718	0.29728	0.28985	-0.469208	0.512	0.203	0.24	-0.38
SEP	10	54719	0.29689	0.28673	-0.469479	1.013	0.316	0.26	-0.51
SEP	11	54720	0.29646	0.28380	-0.469860	1.381	0.488	0.23	-0.57
SEP	12	54721	0.29582	0.28085	-0.470483	1.558	0.768	0.17	-0.52
SEP	13	54722	0.29448	0.27778	-0.471406	1.508	1.089	0.13	-0.42
SEP	14	54723	0.29281	0.27462	-0.472635	1.229	1.339	0.14	-0.38
SEP	15	54724	0.29147	0.27134	-0.474097	0.765	1.529	0.18	-0.43
SEP	16	54725	0.29046	0.26822	-0.475704	0.206	1.619	0.20	-0.52
SEP	17	54726	0.28940	0.26511	-0.477355	-0.328	1.569	0.14	-0.57
SEP	18	54727	0.28786	0.26174	-0.478812	-0.716	1.370	0.04	-0.50
SEP	19	54728	0.28599	0.25823	-0.480009	-0.870	1.087	-0.02	-0.32
SEP	20	54729	0.28416	0.25469	-0.480996	-0.770	0.842	0.02	-0.04
SEP	21	54730	0.28225	0.25127	-0.481684	-0.463	0.645	0.02	-0.04
SEP	22	54731	0.28024	0.24786	-0.482253	-0.053	0.564	0.02	-0.04
SEP	23	54732	0.27836	0.24433	-0.482886	0.333	0.604	0.02	-0.04

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SEP  24    54733   0.27658   0.24095  -0.483533   0.582   0.708   0.02   -0.04
SEP  25    54734   0.27478   0.23766  -0.484289   0.621   0.928   0.02   -0.04
SEP  26    54735   0.27306   0.23445  -0.485379   0.435   1.165   0.02   -0.04
SEP  27    54736   0.27136   0.23111  -0.486615   0.065   1.315   0.02   -0.04
SEP  28    54737   0.26982   0.22794  -0.487971  -0.403   1.419   0.02   -0.04
SEP  29    54738   0.26830   0.22537  -0.489424  -0.863   1.403   0.02   -0.04
SEP  30    54739   0.26652   0.22284  -0.490774  -1.216   1.286   0.02   -0.04
OCT   1    54740   0.26460   0.22028  -0.491967  -1.392   1.096   0.02   -0.04
OCT   2    54741   0.26256   0.21779  -0.492953  -1.357   0.896   0.02   -0.04
OCT   3    54742   0.26026   0.21528  -0.493735  -1.117   0.709   0.00    0.00
OCT   4    54743   0.25781   0.21264  -0.494249  -0.708   0.577   0.00    0.00
OCT   5    54744   0.25540   0.20982  -0.494600  -0.187   0.511   0.00    0.00
OCT   6    54745   0.25297   0.20720  -0.494885   0.375   0.518   0.00    0.00
OCT   7    54746   0.25049   0.20485  -0.495177   0.906   0.600   0.00    0.00
OCT   8    54747   0.24807   0.20247  -0.495567   1.331   0.750   0.00    0.00
OCT   9    54748   0.24578   0.20007  -0.496122   1.591   0.955   0.00    0.00
OCT  10    54749   0.24363   0.19772  -0.496889   1.641   1.192   0.00    0.00
OCT  11    54750   0.24137   0.19526  -0.497891   1.463   1.432   0.00    0.00
OCT  12    54751   0.23910   0.19272  -0.499117   1.074   1.632   0.00    0.00
OCT  13    54752   0.23710   0.19027  -0.500503   0.538   1.745   0.00    0.00
OCT  14    54753   0.23507   0.18787  -0.501939  -0.039   1.736   0.00    0.00
OCT  15    54754   0.23277   0.18556  -0.503303  -0.529   1.597   0.00    0.00
OCT  16    54755   0.23020   0.18339  -0.504481  -0.817   1.363   0.00    0.00
OCT  17    54756   0.22757   0.18132  -0.505405  -0.845   1.107   0.00    0.00
OCT  18    54757   0.22494   0.17922  -0.506106  -0.631   0.910   0.00    0.00
OCT  19    54758   0.22207   0.17706  -0.506663  -0.269   0.832   0.00    0.00
OCT  20    54759   0.21903   0.17507  -0.507210   0.110   0.890   0.00    0.00
OCT  21    54760   0.21606   0.17327  -0.507878   0.381   1.057   0.00    0.00
OCT  22    54761   0.21311   0.17147  -0.508746   0.461   1.278   0.00    0.00
OCT  23    54762   0.21030   0.16955  -0.509838   0.327   1.492   0.00    0.00
OCT  24    54763   0.20770   0.16768  -0.511120   0.014   1.648   0.00    0.00
OCT  25    54764   0.20506   0.16583  -0.512518  -0.404   1.717   0.00    0.00
OCT  26    54765   0.20237   0.16384  -0.513939  -0.836   1.691   0.00    0.00
OCT  27    54766   0.19948   0.16193  -0.515291  -1.190   1.580   0.00    0.00
OCT  28    54767   0.19614   0.16020  -0.516502  -1.396   1.409   0.00    0.00
OCT  29    54768   0.19268   0.15865  -0.517524  -1.408   1.211   0.00    0.00
OCT  30    54769   0.18944   0.15724  -0.518354  -1.220   1.020   0.00    0.00
OCT  31    54770   0.18619   0.15574  -0.519008  -0.853   0.866   0.00    0.00
NOV   1    54771   0.18286   0.15413  -0.519535  -0.357   0.771   0.00    0.00
NOV   2    54772   0.17954   0.15266  -0.520004   0.201   0.747   0.00    0.00
NOV   3    54773   0.17624   0.15133  -0.520489   0.750   0.796   0.00    0.00
NOV   4    54774   0.17308   0.15006  -0.521056   1.219   0.911   0.00    0.00
NOV   5    54775   0.17000   0.14882  -0.521764   1.548   1.080   0.00    0.00
NOV   6    54776   0.16681   0.14752  -0.522665   1.692   1.284   0.00    0.00
NOV   7    54777   0.16332   0.14621  -0.523778   1.627   1.502   0.00    0.00
NOV   8    54778   0.15971   0.14497  -0.525104   1.353   1.701   0.00    0.00
NOV   9    54779   0.15612   0.14376  -0.526604   0.909   1.844   0.00    0.00
NOV  10    54780   0.15242   0.14261  -0.528203   0.371   1.889   0.00    0.00
NOV  11    54781   0.14858   0.14147  -0.529785  -0.150   1.813   0.00    0.00
NOV  12    54782   0.14469   0.14045  -0.531236  -0.535   1.623   0.00    0.00
NOV  13    54783   0.14089   0.13956  -0.532464  -0.692   1.371   0.00    0.00
NOV  14    54784   0.13730   0.13862  -0.533441  -0.600   1.137   0.00    0.00
NOV  15    54785   0.13379   0.13772  -0.534226  -0.319   1.000   0.00    0.00
NOV  16    54786   0.13030   0.13690  -0.534949   0.027   1.005   0.00    0.00
NOV  17    54787   0.12668   0.13613  -0.535740   0.299   1.140   0.00    0.00
NOV  18    54788   0.12284   0.13540  -0.536713   0.389   1.351   0.00    0.00
NOV  19    54789   0.11895   0.13472  -0.537903   0.262   1.564   0.00    0.00
NOV  20    54790   0.11509   0.13417  -0.539285  -0.054   1.718   0.00    0.00
NOV  21    54791   0.11122   0.13369  -0.540774  -0.479   1.779   0.00    0.00
NOV  22    54792   0.10751   0.13328  -0.542280  -0.918   1.745   0.00    0.00
NOV  23    54793   0.10406   0.13299  -0.543708  -1.282   1.630   0.00    0.00
NOV  24    54794   0.10067   0.13271  -0.544994  -1.505   1.461   0.00    0.00
NOV  25    54795   0.09714   0.13250  -0.546095  -1.546   1.263   0.00    0.00
NOV  26    54796   0.09350   0.13226  -0.547001  -1.392   1.067   0.00    0.00
NOV  27    54797   0.08971   0.13216  -0.547720  -1.058   0.899   0.00    0.00
NOV  28    54798   0.08576   0.13229  -0.548299  -0.586   0.782   0.00    0.00
NOV  29    54799   0.08198   0.13236  -0.548793  -0.034   0.732   0.00    0.00
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3 - NORMAL VALUES OF THE EARTH ORIENTATION PARAMETERS AT FIVE-DAY INTERVALS
        (IERS evaluation).

                    Raw normal values   Uncertainties

2008	MJD	x	y	UT1-UTC	dX	dY	x	y	UT1	dX	dY
(0 h UTC)		"	"	s	0.001"		0.001"		0.0001s	0.001"	
AUG 1	54679	0.28106	0.41831	-0.453006	0.207	-.504	0.01	0.01	0.02	0.03	0.04
AUG 6	54684	0.28856	0.40133	-0.456280	0.015	-.431	0.02	0.02	0.02	0.03	0.04
AUG 11	54689	0.29237	0.38602	-0.457175	-.063	-.161	0.02	0.01	0.02	0.11	0.10
AUG 16	54694	0.29359	0.37063	-0.456810	0.190	-.398	0.02	0.02	0.02	0.10	0.11
AUG 21	54699	0.29611	0.35567	-0.460115	0.135	-.412	0.01	0.01	–	0.01	0.02
AUG 26	54704	0.29784	0.33951	-0.461623	0.201	-.453	0.02	0.02	0.02	0.13	0.15
AUG 31	54709	0.29862	0.32241	-0.464273	0.117	-.134	0.01	0.01	0.02	0.03	0.06
SEP 5	54714	0.29866	0.30355	-0.468484	0.064	-.450	0.01	0.01	0.01	0.02	0.03
SEP 10	54719	0.29688	0.28669	-0.469474	0.321	-.556	0.01	0.01	0.01	0.02	0.03
SEP 15	54724	0.29151	0.27128	-0.474082	0.191	-.222	0.01	0.01	0.02	0.15	0.14
SEP 20	54729	0.28416	0.25462	-0.480993	–	–	0.01	0.02	0.05	–	–
SEP 25	54734	0.27476	0.23764	-0.484295	–	–	0.01	0.02	0.05	–	–
SEP 30	54739	0.26657	0.22275	-0.490788	–	–	0.03	0.04	0.04	–	–

4 - DURATION OF THE DAY AND ANGULAR VELOCITY OF THE EARTH (IERS evaluation).
    The data of this section are smoothed, with the same characteristics as
UT1R in section 1. They are corrected for the effects of zonal tides with
periods up to 35 days. Section 2 gives the daily interpolation of D.

Date (0h UTC) 2008	MJD	DR s	OmegaR (microrad/s)	
AUG 1	54679	0.00024	72.921	15126
AUG 6	54684	0.00028		15123
AUG 11	54689	0.00038		15115
AUG 16	54694	0.00025		15125
AUG 21	54699	0.00036		15116
AUG 26	54704	0.00048		15106
AUG 31	54709	0.00051		15103

5 - INFORMATION ON TIME SCALES
    A leap second will be introduced in UTC on 31 December 2008
    All information concerning time scales : announcements of the
    leap seconds (Bulletin C) and of the value of DUT1 (Bulletin D)
    can be found in our web/ftp site :

    World Wide Web : http://hpiers.obspm.fr
    Anonymous ftp : hpiers.obspm.fr or 145.238.100.28