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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
 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 2005 (0h UTC)	MJD	x "	y "	UT1R-UTC s	UT1R-TAI s	dX 0.001"	dY 0.001"
Final Bulletin B values.							
JUN 3	53524	-0.06048	0.35422	-0.615933	-32.615933	-0.03	-0.08
JUN 8	53529	-0.05815	0.36207	-0.616366	-32.616366	-0.25	0.10
JUN 13	53534	-0.05324	0.37081	-0.616286	-32.616286	0.14	-0.09
JUN 18	53539	-0.04946	0.37920	-0.615984	-32.615984	0.02	-0.04
JUN 23	53544	-0.04498	0.38701	-0.615547	-32.615547	0.07	0.05
JUN 28	53549	-0.04038	0.39309	-0.614727	-32.614727	0.05	-0.05
JUL 3	53554	-0.03844	0.39870	-0.612847	-32.612847	0.20	-0.55
Preliminary extension, to be updated weekly in Bulletin A and monthly in Bulletin B.							
JUL 8	53559	-0.03124	0.40600	-0.610498	-32.610498	0.25	-0.05
JUL 13	53564	-0.02564	0.41001	-0.608469	-32.608469	0.00	0.00
JUL 18	53569	-0.01965	0.41463	-0.606404	-32.606404	0.00	0.00
JUL 23	53574	-0.01393	0.41686	-0.604227	-32.604227	0.00	0.00
JUL 28	53579	-0.00882	0.42112	-0.602264	-32.602264	0.00	0.00
AUG 2	53584	-0.00270	0.42537	-0.600304	-32.600304	0.00	0.00
AUG 7	53589	0.00371	0.42964	-0.598595	-32.598595	0.00	0.00
AUG 12	53594	0.01040	0.43350	-0.597130	-32.597130	0.00	0.00
AUG 17	53599	0.01726	0.43684	-0.595932	-32.595932	0.00	0.00
AUG 22	53604	0.02424	0.43961	-0.595009	-32.595009	0.00	0.00
AUG 27	53609	0.03126	0.44179	-0.594383	-32.594383	0.00	0.00
SEP 1	53614	0.03830	0.44337	-0.594078	-32.594078	0.00	0.00
SEP 6	53619	0.04531	0.44433	-0.594093	-32.594093	0.00	0.00
SEP 11	53624	0.05226	0.44468	-0.594444	-32.594444	0.00	0.00
SEP 16	53629	0.05911	0.44444	-0.595116	-32.595116	0.00	0.00
SEP 21	53634	0.06583	0.44360	-0.596108	-32.596108	0.00	0.00

SEP 26 53639 0.07239 0.44218 -0.597405 -32.597405 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 2004 IERS Annual Report.

2005	MJD	x	y	UT1-UTC	UT1-UT1R	D	dX	dY
(0 h UTC)	"	"	"	s	ms	ms	0.001"	0.001"
JUN 3	53524	-0.06048	0.35422	-0.617370	-1.437	0.440	-0.03	-0.08
JUN 4	53525	-0.05988	0.35623	-0.617675	-1.674	0.209	-0.01	-0.18
JUN 5	53526	-0.05950	0.35802	-0.617784	-1.672	-0.009	-0.04	-0.22
JUN 6	53527	-0.05908	0.35953	-0.617667	-1.437	-0.246	-0.13	-0.13
JUN 7	53528	-0.05860	0.36088	-0.617313	-1.015	-0.426	-0.22	0.03
JUN 8	53529	-0.05815	0.36207	-0.616841	-0.475	-0.538	-0.25	0.10
JUN 9	53530	-0.05757	0.36312	-0.616265	0.101	-0.559	-0.19	-0.01
JUN 10	53531	-0.05657	0.36458	-0.615749	0.633	-0.475	-0.09	-0.21
JUN 11	53532	-0.05544	0.36664	-0.615335	1.051	-0.341	0.04	-0.30
JUN 12	53533	-0.05434	0.36871	-0.615080	1.308	-0.217	0.14	-0.22
JUN 13	53534	-0.05324	0.37081	-0.614905	1.381	-0.085	0.14	-0.09
JUN 14	53535	-0.05246	0.37290	-0.614905	1.272	0.089	0.05	-0.08
JUN 15	53536	-0.05199	0.37466	-0.615070	1.007	0.249	-0.06	-0.19
JUN 16	53537	-0.05136	0.37616	-0.615384	0.633	0.369	-0.07	-0.24
JUN 17	53538	-0.05049	0.37765	-0.615782	0.220	0.389	0.00	-0.15
JUN 18	53539	-0.04946	0.37920	-0.616130	-0.146	0.287	0.02	-0.04
JUN 19	53540	-0.04825	0.38085	-0.616327	-0.374	0.079	-0.03	-0.04
JUN 20	53541	-0.04713	0.38251	-0.616273	-0.393	-0.191	-0.06	-0.10
JUN 21	53542	-0.04623	0.38408	-0.615951	-0.191	-0.425	-0.01	-0.06
JUN 22	53543	-0.04553	0.38566	-0.615455	0.173	-0.514	0.07	0.06
JUN 23	53544	-0.04498	0.38701	-0.614973	0.574	-0.456	0.07	0.05
JUN 24	53545	-0.04442	0.38815	-0.614593	0.859	-0.303	0.02	-0.17
JUN 25	53546	-0.04372	0.38938	-0.614397	0.909	-0.026	-0.01	-0.39
JUN 26	53547	-0.04281	0.39052	-0.614542	0.675	0.226	0.01	-0.41
JUN 27	53548	-0.04153	0.39165	-0.614823	0.201	0.318	0.05	-0.23
JUN 28	53549	-0.04038	0.39309	-0.615135	-0.408	0.302	0.05	-0.05
JUN 29	53550	-0.03986	0.39456	-0.615381	-1.016	0.213	0.04	0.03
JUN 30	53551	-0.03990	0.39581	-0.615525	-1.501	0.048	0.05	0.00
JUL 1	53552	-0.03985	0.39676	-0.615457	-1.781	-0.211	0.11	-0.13
JUL 2	53553	-0.03925	0.39773	-0.615099	-1.818	-0.499	0.16	-0.35
JUL 3	53554	-0.03844	0.39870	-0.614468	-1.620	-0.782	0.20	-0.55
JUL 4	53555	-0.03744	0.39970	-0.613554	-1.227	-0.984	0.19	-0.58
JUL 5	53556	-0.03612	0.40102	-0.612523	-0.703	-1.058	0.14	-0.37
JUL 6	53557	-0.03447	0.40259	-0.611466	-0.125	-1.041	0.10	-0.08
JUL 7	53558	-0.03274	0.40439	-0.610467	0.427	-0.935	0.15	0.02
JUL 8	53559	-0.03124	0.40600	-0.609617	0.882	-0.778	0.25	-0.05
JUL 9	53560	-0.02985	0.40718	-0.608925	1.187	-0.652	0.00	0.00
JUL 10	53561	-0.02856	0.40789	-0.608318	1.313	-0.474	0.00	0.00
JUL 11	53562	-0.02756	0.40850	-0.607972	1.260	-0.266	0.00	0.00
JUL 12	53563	-0.02670	0.40922	-0.607775	1.053	-0.110	0.00	0.00
JUL 13	53564	-0.02564	0.41001	-0.607733	0.736	0.002	0.00	0.00
JUL 14	53565	-0.02433	0.41107	-0.607756	0.370	-0.010	0.00	0.00
JUL 15	53566	-0.02297	0.41233	-0.607688	0.031	-0.136	0.00	0.00
JUL 16	53567	-0.02166	0.41344	-0.607458	-0.205	-0.270	0.00	0.00
JUL 17	53568	-0.02040	0.41416	-0.607130	-0.266	-0.466	0.00	0.00
JUL 18	53569	-0.01965	0.41463	-0.606524	-0.120	-0.691	0.00	0.00
JUL 19	53570	-0.01914	0.41500	-0.605768	0.208	-0.827	0.00	0.00
JUL 20	53571	-0.01827	0.41508	-0.604926	0.620	-0.854	0.00	0.00
JUL 21	53572	-0.01690	0.41528	-0.604127	0.970	-0.715	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				
2005	MJD	x	y	UT1-UTC	dX	dY	x	y	UT1	dX	dY
(0 h UTC)		"	"	s	0.001"		0.001"	0.0001s	0.001"		
JUN 3	53524	-0.06047	0.35420	-0.617370	-.040	-.112	0.02	0.02	0.02	0.03	0.04
JUN 8	53529	-0.05815	0.36206	-0.616837	-.226	0.096	0.02	0.02	0.02	0.03	0.03
JUN 13	53534	-0.05323	0.37082	-0.614904	0.143	-.080	0.02	0.02	0.03	0.05	0.05
JUN 18	53539	-0.04947	0.37920	-0.616126	0.090	-.074	0.01	0.02	0.02	0.03	0.03
JUN 23	53544	-0.04498	0.38698	-0.614974	0.085	0.061	0.02	0.02	0.02	0.03	0.03
JUN 28	53549	-0.04037	0.39309	-0.615134	-.009	-.045	0.02	0.02	0.02	0.03	0.04
JUL 3	53554	-0.03845	0.39870	-0.614457	0.244	-.554	0.02	0.02	0.02	0.04	0.05
JUL 8	53559	-0.03123	0.40600	-0.609614	0.237	-.055	0.02	0.02	0.02	0.04	0.04
JUL 13	53564	-0.02564	0.41001	-0.607735	-	-	0.02	0.02	0.05	-	-
JUL 18	53569	-0.01966	0.41464	-0.606526	-	-	0.03	0.03	0.06	-	-

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)	DR	OmegaR		
2005 MJD	s	(microrad/s)		
JUN 3	53524	0.00010	72.921	15138
JUN 8	53529	0.00004		15143
JUN 13	53534	-.00011		15156
JUN 18	53539	-.00003		15149
JUN 23	53544	-.00009		15155
JUN 28	53549	-.00033		15175
JUL 3	53554	-.00048		15187

5 - INFORMATION ON TIME SCALES

A leap second will be introduced in UTC on 31 December 2005.
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](ftp://hpiers.obspm.fr) or 145.238.100.28

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6 - SUMMARY OF CONTRIBUTED EARTH ORIENTATION PARAMETERS SERIES

This section gives the average precision of the individual series contributing to the combination and their average agreement with it. The periods covered start at the beginning of the first month in Section 1 and end with the last available value in the individual series considered.

Units : 0.001" for x,y , 0.0001s for UT1, 0.001" for dX, dY.

EOP series	Mean formal uncertainty	Weighted RMS agreement with Bulletin B					Data Number
Periods covered	x	y	UT	D	dX	dY	
VLBI							
EOP(AUS) 1 R 1	0.06	0.07	0.03	-	-	-	11
53524.27 to 53559.27	0.17	0.27	0.10	-	-	-	
EOP(BKG) 3 R 4	0.13	0.11	0.04	-	-	-	11
53524.27 to 53559.27	0.24	0.19	0.09	-	-	-	
EOP(BKG) 3 R 2	-	-	0.16	-	-	-	43

53524.81 to 53569.79	-	-	0.26	-	-	-	
EOP(USNO) 5 R 1	-	-	0.16	-	-	-	42
53524.81 to 53568.33	-	-	0.23	-	-	-	
EOP(GSFC) 4 R 2	0.10	0.08	0.08	-	-	-	12
53524.27 to 53559.27	0.12	0.13	0.06	-	-	-	
EOP(GSFC) 4 R 1	-	-	0.16	-	-	-	43
53524.81 to 53569.79	-	-	0.24	-	-	-	
EOP(IAA) 5 R 1	0.06	0.07	0.03	-	0.12	0.05	11
53524.27 to 53559.27	0.20	0.17	0.09	-	0.25	0.04	
EOP(IAA) 3 R 3	-	-	0.15	-	-	-	42
53524.81 to 53569.79	-	-	0.23	-	-	-	
EOP(SPBU) 3 R 3	0.24	0.29	0.15	-	-	-	9
53524.27 to 53552.27	0.12	0.17	0.09	-	-	-	
EOP(SPBU) 2 R 1	-	-	0.17	-	-	-	40
53525.33 to 53568.33	-	-	0.36	-	-	-	
EOP(USNO) 5 R 1	0.07	0.07	0.03	-	-	-	9
53524.27 to 53552.27	0.09	0.10	0.04	-	-	-	
EOP(IVS) 0 R 1	0.07	0.08	0.03	-	-	-	11
53524.00 to 53559.00	0.17	0.11	0.06	-	-	-	
GPS							
EOP(CODE) 98 P 1	0.01	0.01	-	0.16	-	-	48
53524.50 to 53571.50	0.04	0.06	-	0.27	-	-	
EOP(EMR) 96 P 3	0.03	0.03	-	0.04	-	-	48
53524.50 to 53571.50	0.05	0.10	-	0.44	-	-	
EOP(ESOC) 96 P 1	0.01	0.02	-	0.06	-	-	48
53524.50 to 53571.50	0.06	0.09	-	0.53	-	-	
EOP(GFZ) 96 P 2	0.01	0.01	-	0.02	-	-	48
53524.50 to 53571.50	0.05	0.05	-	0.25	-	-	
EOP(IAA) 1 P 1	0.03	0.03	-	0.06	-	-	48
53524.50 to 53571.50	0.23	0.29	-	0.77	-	-	
EOP(JPL) 96 P 3	0.02	0.02	-	0.10	-	-	37
53524.50 to 53560.50	0.04	0.04	-	0.35	-	-	
EOP(NOAA) 96 P 1	0.00	0.00	-	0.02	-	-	40
53524.50 to 53563.50	0.14	0.08	-	0.29	-	-	
EOP(SIO) 96 P 1	0.06	0.06	-	0.13	-	-	48
53524.50 to 53571.50	0.05	0.06	-	0.33	-	-	
EOP(IGS F)95 P 2	0.02	0.02	0.08	0.06	-	-	37
53524.50 to 53560.50	0.03	0.09	0.17	0.21	-	-	
EOP(IGS R)96 P 2	0.03	0.04	0.20	0.07	-	-	48
53524.50 to 53571.50	0.05	0.05	0.71	0.22	-	-	
EOP(IERS) 97 P 1	0.03	0.04	0.16	0.11	-	-	48
53524.50 to 53571.50	0.02	0.03	0.38	0.24	-	-	
SLR							
EOP(ASI) 3 L 2	0.06	0.07	-	0.15	-	-	47
53524.50 to 53570.50	0.22	0.31	-	0.69	-	-	
EOP(DUT) 98 L 1	0.09	0.10	-	-	-	-	37
53524.00 to 53560.00	0.32	0.32	-	-	-	-	
EOP(IAA) 2 L 1	0.03	0.04	0.02	0.02	-	-	49
53524.00 to 53572.00	0.12	0.22	0.30	0.15	-	-	
EOP(MCC) 97 L 1	0.04	0.07	-	0.10	-	-	38
53524.00 to 53565.00	0.14	0.14	-	0.50	-	-	
EOP(ILRS) 5 L 1	0.06	0.07	-	0.14	-	-	44
53524.50 to 53567.50	0.43	0.25	-	0.41	-	-	
Bulletin A							
EOP(NEOS) 97 C 1	0.05	0.05	0.10	-	-	-	49
53524.00 to 53572.00	0.04	0.09	0.19	-	-	-	

