

measurements with COMB95 is designated EOP(JPL) 96 C 03 (also known as POLE95), spans January 20, 1900 to January 21, 1996 at 30.4375-day intervals, and consists of values of PMX and PMY, their 1-sigma formal uncertainties, and correlations.

ACKNOWLEDGMENTS. The work described in this paper was performed at the Jet Propulsion Laboratory, California Institute of Technology, under contract with the National Aeronautics and Space Administration.

TABLE 1. ADJUSTMENTS TO BIAS, RATE, AND UNCERTAINTY

DATA SET NAME	BIAS (mas)			RATE (mas/yr)			UNCERTAINTY SCALE FACTOR		
	PMX	PMY	UT1	PMX	PMY	UT1	PMX	PMY	UT1
BIH	-2.193 (0.840)	0.598 (0.721)	-8.083 (0.727)	1.581 (0.482)	0.583 (0.193)	5.409 (0.315)	1.814	1.595	1.860
ILS	-56.990 (2.178)	3.603 (1.742)	---	0.601 (0.444)	-0.694 (0.355)	---	2.000	1.594	---

Reference date for rate adjustment of BIH series is 1980.0
Reference date for rate adjustment of ILS series is 1970.0

TABLE 2. ADJUSTMENTS TO ANNUAL TERM

DATA SET NAME	COEFFICIENT OF SINE TERM (mas)			COEFFICIENT OF COSINE TERM (mas)		
	PMX	PMY	UT1	PMX	PMY	UT1
BIH	-5.955 (1.016)	-6.688 (0.690)	5.274 (0.777)	-2.953 (1.069)	10.276 (0.762)	-0.911 (0.828)
ILS	-0.717 (3.061)	8.048 (2.447)	---	9.915 (3.065)	-10.608 (2.450)	---

Reference date for adjustment of BIH series is 1980.0
Reference date for adjustment of ILS series is 1970.0

ATTACHMENT 1

Technical description of solution JPL 96 C 02

- 1 - Technique: Combined
- 2 - Analysis Center: JPL
- 3 - Software used: Kalman Earth Orientation Filter (KEOF)
- 4 - Data span: Jan 62 - Feb 96 at 5-day intervals
- 5 - Celestial Reference Frame: Not Applicable
 - a - Nature:
 - b - Definition of the orientation:
- 6 - Terrestrial Reference Frame: Not Applicable
 - a - Relativity scale:
 - b - Velocity of light:
 - c - Geogravitational constant:
 - d - Permanent tidal correction:
 - e - Definition of the origin:
 - f - Definition of the orientation:
 - g - Reference epoch:
 - h - Tectonic plate model:
 - i - Constraint for time evolution:
- 7 - Earth orientation: EOP(JPL) 96 C 02
 - a - A priori precession model: Not Applicable
 - b - A priori nutation model: Not Applicable
 - c - Short-period tidal variations in x, y, UT1:

When necessary, diurnal and semidiurnal tidal variations have been removed from the individual EOP series prior to their combination into EOP(JPL) 96 C 02. Diurnal and semidiurnal tidal terms have not been added back and are therefore not included in the values reported in EOP(JPL) 96 C 02.
- 8 - Estimated Parameters:
 - a - Celestial Frame:
 - b - Terrestrial Frame:
 - c - Earth Orientation: PMX, PMY, UT1-UTC
 - d - Others:

ATTACHMENT 2

Technical description of solution JPL 96 C 03

- 1 - Technique: Combined
- 2 - Analysis Center: JPL
- 3 - Software used: Kalman Earth Orientation Filter (KEOF)
- 4 - Data span: Jan 1900 - Jan 1996 at 30.4375-day intervals
- 5 - Celestial Reference Frame: Not Applicable
 - a - Nature:
 - b - Definition of the orientation:
- 6 - Terrestrial Reference Frame: Not Applicable
 - a - Relativity scale:
 - b - Velocity of light:
 - c - Geogravitational constant:
 - d - Permanent tidal correction:
 - e - Definition of the origin:
 - f - Definition of the orientation:
 - g - Reference epoch:
 - h - Tectonic plate model:
 - i - Constraint for time evolution:
- 7 - Earth orientation: EOP(JPL) 96 C 03
 - a - A priori precession model: Not Applicable
 - b - A priori nutation model: Not Applicable
 - c - Short-period tidal variations in x , y , UT1:

When necessary, diurnal and semidiurnal tidal variations have been removed from the individual EOP series prior to their combination into EOP(JPL) 96 C 03. Diurnal and semidiurnal tidal terms have not been added back and are therefore not included in the values reported in EOP(JPL) 96 C 03.
- 8 - Estimated Parameters:
 - a - Celestial Frame:
 - b - Terrestrial Frame:
 - c - Earth Orientation: PMX, PMY
 - d - Others:

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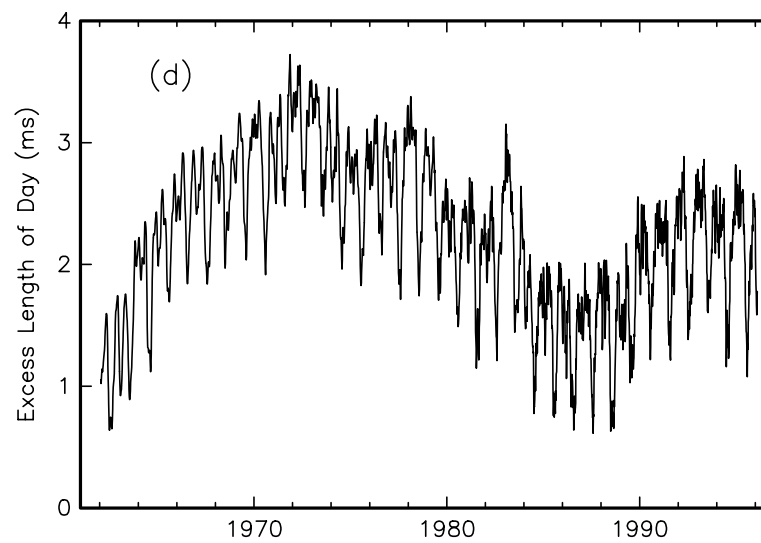
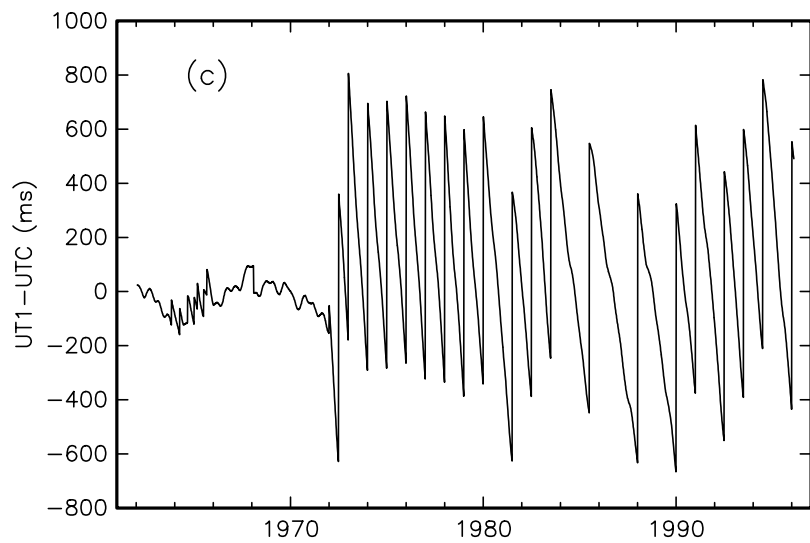
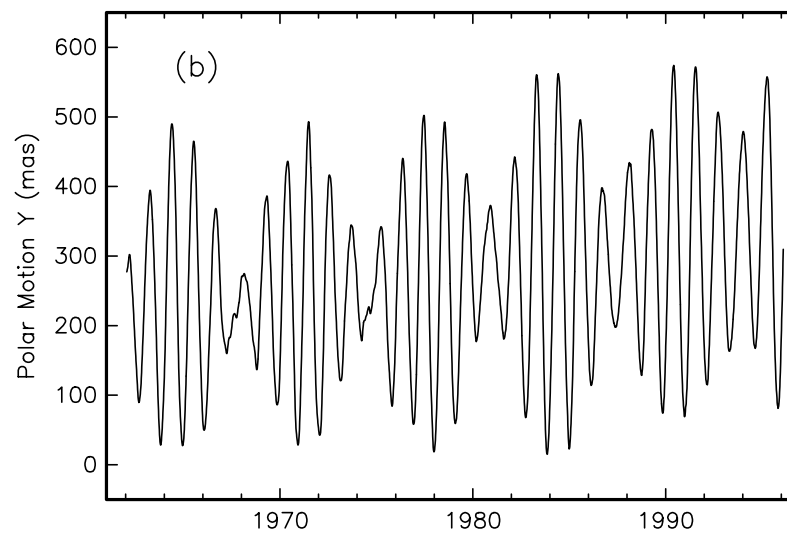
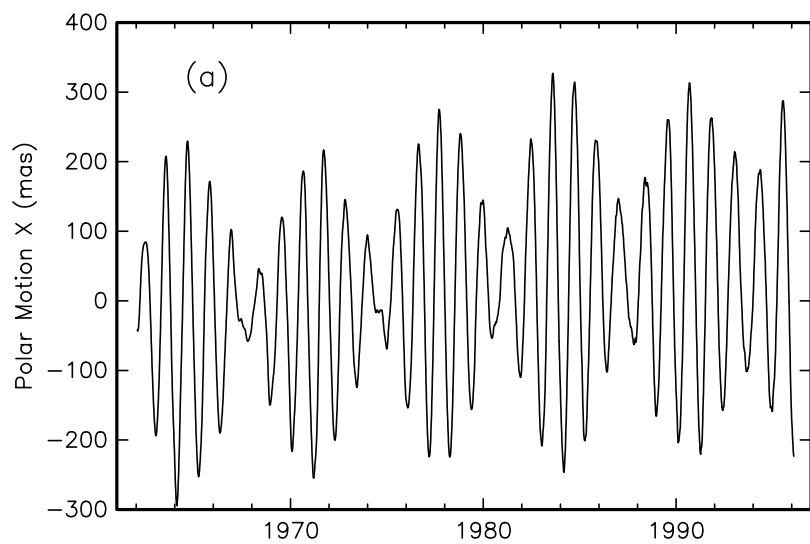
JPL Kalman Earth Orientation Series: POLE95 27-FEB-96 19:36:03 IERS Series Designator: EOP(JPL) 96 C 03

MJD	PMX (arcsec)	PMY (arcsec)	SIG X (arc sec)	SIG Y (arc sec)	COR XY				
15039.67361111	-0.0562610	0.0312759	0 0 0	0.0191390	0.0161917	0 0 0 0	-0.0011	0 0 0 0	
15070.11111111	-0.0546694	-0.0011733	0 0 0	0.0190107	0.0161397	0 0 0 0	-0.0004	0 0 0 0	
15100.54861111	-0.0768818	-0.0193417	0 0 0	0.0190038	0.0161362	0 0 0 0	-0.0003	0 0 0 0	
15130.98611111	-0.1074133	-0.0303327	0 0 0	0.0190036	0.0161339	0 0 0 0	-0.0002	0 0 0 0	
15161.42361111	-0.1317073	-0.0382264	0 0 0	0.0190026	0.0161360	0 0 0 0	-0.0001	0 0 0 0	
15191.86111111	-0.1458968	-0.0392436	0 0 0	0.0190025	0.0161393	0 0 0 0	-0.0002	0 0 0 0	
15222.29861111	-0.1583460	-0.0278360	0 0 0	0.0190026	0.0161394	0 0 0 0	-0.0003	0 0 0 0	
15252.73611111	-0.1706743	-0.0045202	0 0 0	0.0190028	0.0161363	0 0 0 0	-0.0003	0 0 0 0	
15283.17361111	-0.1756664	0.0252064	0 0 0	0.0190028	0.0161328	0 0 0 0	-0.0002	0 0 0 0	
15313.61111111	-0.1685191	0.0509427	0 0 0	0.0190026	0.0161319	0 0 0 0	-0.0001	0 0 0 0	
15344.04861111	-0.1489419	0.0638007	0 0 0	0.0190025	0.0161340	0 0 0 0	-0.0001	0 0 0 0	
15374.48611111	-0.1206541	0.0667767	0 0 0	0.0190025	0.0161363	0 0 0 0	-0.0002	0 0 0 0	
15404.92361111	-0.0924872	0.0748852	0 0 0	0.0190027	0.0161363	0 0 0 0	-0.0002	0 0 0 0	
15435.36111111	-0.0659405	0.0813214	0 0 0	0.0190028	0.0161340	0 0 0 0	-0.0002	0 0 0 0	
15465.79861111	-0.0402604	0.0836037	0 0 0	0.0190028	0.0161314	0 0 0 0	-0.0002	0 0 0 0	
15496.23611111	-0.0133188	0.0629434	0 0 0	0.0190027	0.0161307	0 0 0 0	-0.0001	0 0 0 0	
15526.67361111	0.0061667	0.0190305	0 0 0	0.0190026	0.0161322	0 0 0 0	-0.0001	0 0 0 0	
15557.11111111	0.0146531	-0.0330241	0 0 0	0.0190026	0.0161340	0 0 0 0	-0.0002	0 0 0 0	
15587.54861111	-0.0025115	-0.0826575	0 0 0	0.0190027	0.0161341	0 0 0 0	-0.0002	0 0 0 0	
15617.98611111	-0.0408801	-0.1070368	0 0 0	0.0190029	0.0161323	0 0 0 0	-0.0002	0 0 0 0	
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15678.86111111	-0.1323021	-0.0903078	0 0 0	0.0190028	0.0161298	0 0 0 0	-0.0001	0 0 0 0	
15709.29861111	-0.1734541	-0.0615779	0 0 0	0.0190028	0.0161310	0 0 0 0	-0.0001	0 0 0 0	
15739.73611111	-0.1992075	-0.0107277	0 0 0	0.0190028	0.0161323	0 0 0 0	-0.0002	0 0 0 0	
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15831.04861111	-0.1315727	0.1966364	0 0 0	0.0190030	0.0161296	0 0 0 0	-0.0002	0 0 0 0	
15861.48611111	-0.0624113	0.2320227	0 0 0	0.0190030	0.0161292	0 0 0 0	-0.0001	0 0 0 0	
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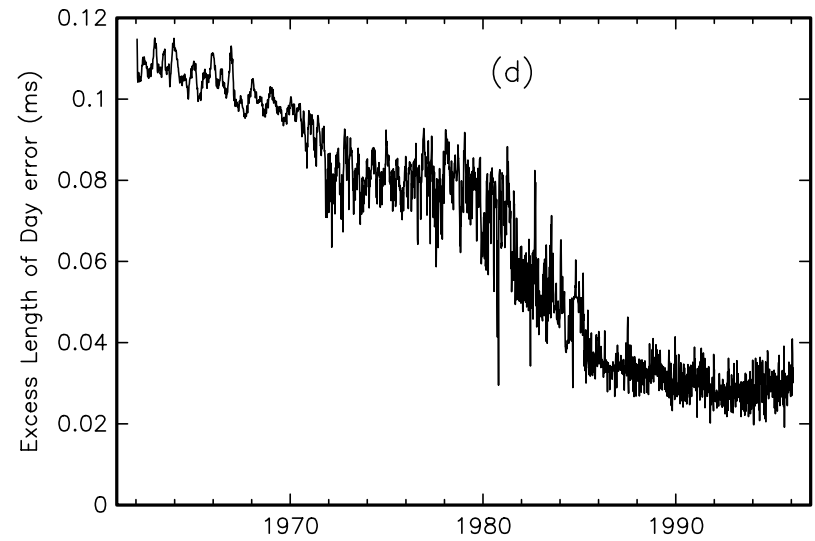
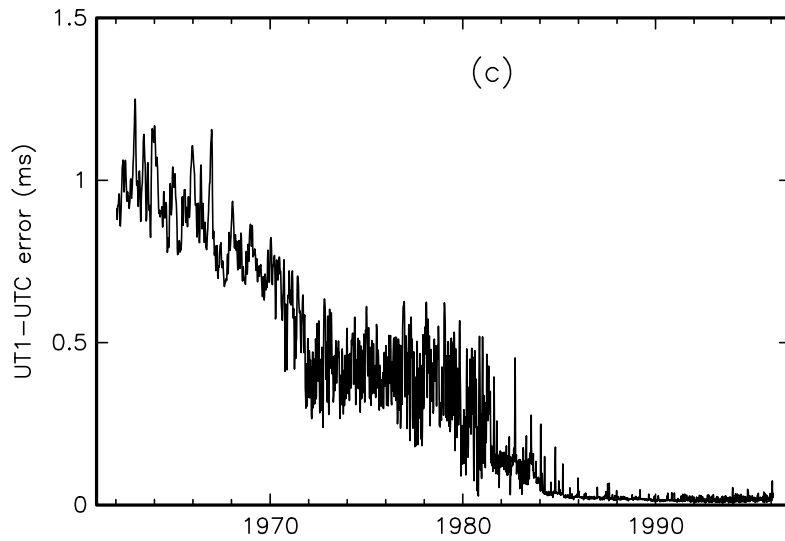
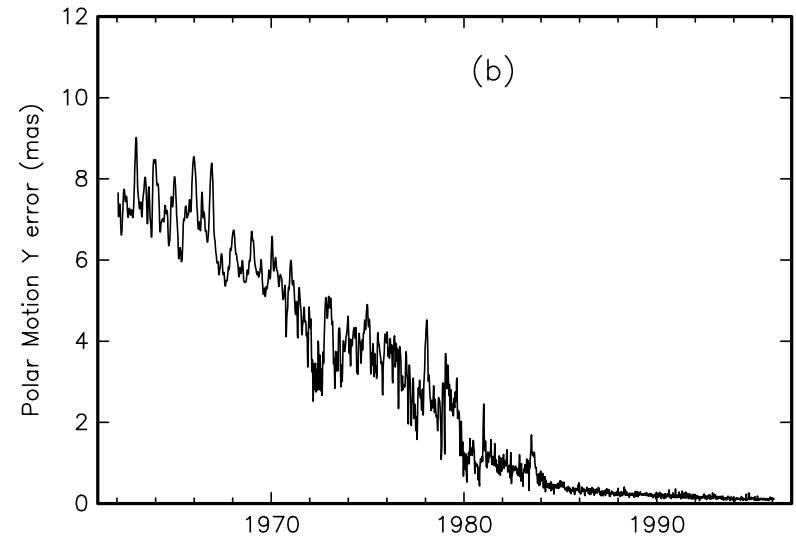
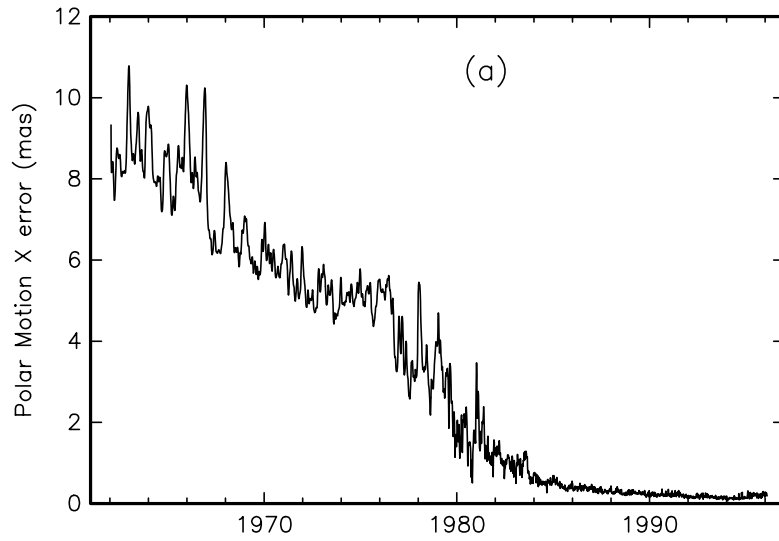
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49312.29861111	-0.0448154	0.4440158	0 0 0	0.0001915	0.0001820	0 0 0 0	0.0209	0 0 0 0
49342.73611111	-0.0080612	0.4720107	0 0 0	0.0001136	0.0000907	0 0 0 0	0.0217	0 0 0 0
49373.17361111	0.0578977	0.4765847	0 0 0	0.0000657	0.0000583	0 0 0 0	-0.1246	0 0 0 0
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49464.48611111	0.1835599	0.3529699	0 0 0	0.0001438	0.0001286	0 0 0 0	-0.0035	0 0 0 0
49494.92361111	0.1854403	0.2878727	0 0 0	0.0001686	0.0001382	0 0 0 0	-0.0383	0 0 0 0
49525.36111111	0.1510068	0.2263313	0 0 0	0.0001278	0.0001072	0 0 0 0	0.0341	0 0 0 0
49555.79861111	0.0967259	0.1804723	0 0 0	0.0001285	0.0001071	0 0 0 0	0.0507	0 0 0 0
49586.23611111	0.0357692	0.1678402	0 0 0	0.0001459	0.0001291	0 0 0 0	0.0063	0 0 0 0
49616.67361111	-0.0401280	0.1859314	0 0 0	0.0001093	0.0000920	0 0 0 0	-0.0009	0 0 0 0
49647.11111111	-0.1122276	0.2372384	0 0 0	0.0002481	0.0002057	0 0 0 0	0.0985	0 0 0 0
49677.54861111	-0.1530960	0.3094569	0 0 0	0.0001367	0.0001181	0 0 0 0	0.0219	0 0 0 0
49707.98611111	-0.1585281	0.3887763	0 0 0	0.0001211	0.0001079	0 0 0 0	0.0041	0 0 0 0
49738.42361111	-0.1249516	0.4637749	0 0 0	0.0001568	0.0001419	0 0 0 0	0.0138	0 0 0 0
49768.86111111	-0.0825006	0.5181077	0 0 0	0.0001726	0.0001062	0 0 0 0	0.1159	0 0 0 0
49799.29861111	-0.0015600	0.5512431	0 0 0	0.0002239	0.0001186	0 0 0 0	0.0346	0 0 0 0
49829.73611111	0.1005379	0.5534136	0 0 0	0.0001775	0.0001020	0 0 0 0	0.0076	0 0 0 0
49860.17361111	0.2017297	0.5049195	0 0 0	0.0002270	0.0001181	0 0 0 0	0.0835	0 0 0 0
49890.61111111	0.2715336	0.4141564	0 0 0	0.0002639	0.0001253	0 0 0 0	0.0265	0 0 0 0
49921.04861111	0.2866565	0.2980579	0 0 0	0.0002035	0.0001256	0 0 0 0	0.0702	0 0 0 0
49951.48611111	0.2460521	0.1896451	0 0 0	0.0001798	0.0000975	0 0 0 0	0.0863	0 0 0 0
49981.92361111	0.1652610	0.1172131	0 0 0	0.0001580	0.0000836	0 0 0 0	-0.1010	0 0 0 0
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50073.23611111	-0.1573096	0.1600715	0 0 0	0.0002617	0.0001209	0 0 0 0	0.0668	0 0 0 0
50103.67361111	-0.2078381	0.2541727	0 0 0	0.0002591	0.0001120	0 0 0 0	0.0157	0 0 0 0

COMBINED EARTH ORIENTATION SERIES: COMB95



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