

A sample page from: **The American Ephemeris Series**,
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Ephemerides in this format include:

- The American Ephemeris for the 20th Century at Noon,
- The American Ephemeris for the 20th Century at Midnight,
- The American Ephemeris for the 21st Century at Midnight, and,
- The American Ephemeris for the 21st Century at Noon.

This page shown FULL SIZE. Two months per page, positions given to the nearest tenth of a minute of a degree (sun & moon to the nearest second of a minute of a degree), moon given twice daily, true node. Chiron given monthly. Declinations only when crossing the solar/earth equators, spectatorian does not include lunar aspects. Shows last lunar aspect & lunar ingress (eg, void of course), lunar phases. Shaded areas show retrogrades. This page shows one eclipse (look really hard).

NOVEMBER 2000													LONGITUDE														
Day	Sid.Time	☉	0 hr	☾	Noon	True ☿	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐				
1 W	2 42 20	8 52 13	2 59 32	8 58 6	17 56.40	4 34.3	15 25.9	28 5.8	9 31.3	26 57.2	16 54.4	3 52.0	11 29.4	9 31.3	26 57.2	16 54.4	3 52.0	11 29.4									

DECEMBER 2000													LONGITUDE														
Day	Sid.Time	☉	0 hr	☾	Noon	True ☿	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐				
1 F	4 40 37	9 53	4 41 30	10 34 43	15 56.5	25 37.1	21 20.3	16 27.4	5 45.3	26 34.0	17 25.3	4 22.9	12 35.8	5 45.3	26 34.0	17 25.3	4 22.9	12 35.8									

Astro Data	Planet Ingress	Last Aspect	Ingress	Last Aspect	Ingress	Phases & Eclipses	Astro Data
Dy Hr Mn	Dy Hr Mn	Dy Hr Mn	Dy Hr Mn	Dy Hr Mn	Dy Hr Mn	Dy Hr Mn	1 NOVEMBER 2000
♂ 0S 8 23:23	♂ ♄ 4 2:00	♂ ♃ 5:37 ♀ ☐	♂ ♃ 6:41	♂ ♃ 0:51 ♀ ☐	♂ ♃ 3:23	4 7:27	1 NOVEMBER 2000
♀ D 8 2:28	♀ ♄ 7 7:28	♀ ♃ 5:16 ♀ ☐	♀ ♃ 5:19:13	♀ ♃ 5:26 ♀ *	♀ ♃ 5:14:17	11 21:15	Julian Day # 36830
☾ 0N 9 2:42	☾ ♃ 8 21:42	☾ ♃ 2:04 ♀ *	☾ ♃ 5:02	☾ ♃ 7:20:22 ♀ ☐	☾ ♃ 7:21:27	18 15:24	Delta T 64.5 sec
☾ 0S 21 22:49	☾ ♃ 13 2:14	☾ ♃ 5:07 ♀ *	☾ ♃ 10:11:12	☾ ♃ 9:18:00 ♀ *	☾ ♃ 10 0:50	25 23:11	SVP 05°15'11"
	☾ ♃ 22 0:19	☾ ♃ 12:11:12 ♀ *	☾ ♃ 12:14:27	☾ ♃ 11:14:15 ♀ *	☾ ♃ 12 1:48		Obliquity 23°26'18"
☾ 0N 6 13:06	☾ ♃ 3 20:26	☾ ♃ 13:18:51 ♀ *	☾ ♃ 14 16:21	☾ ♃ 13:19:04 ♀ *	☾ ♃ 14 2:09	4 3:55	♁ Chiron 15°38.6
♃ ♃ 9 14:16	♃ ♃ 8 8:48	♃ ♃ 16:14:30 ♀ *	♃ ♃ 16 18:19	♃ ♃ 15:19:57 ♀ *	♃ ♃ 16 3:30	11 9:03	♁ Chiron 18°57.3
☾ 0S 19 4:50	☾ ♃ 13 13:37	☾ ♃ 18:17:03 ♀ *	☾ ♃ 18 21:15	☾ ♃ 18 0:41 ☐	☾ ♃ 18 7:01	25 17:22	1 DECEMBER 2000
	☾ ♃ 23 2:03	☾ ♃ 20 23:45 ☐ *	☾ ♃ 21 1:35	☾ ♃ 20 11:07 ☐ *	☾ ♃ 20 13:12	25 17:34:55	Julian Day # 36860
	♁ ♃ 23 14:37	♁ ♃ 22 8:18 ♀ *	♁ ♃ 23 7:33	♁ ♃ 22 12:28 ♀ *	♁ ♃ 22 21:57		Delta T 64.5 sec
		♁ ♃ 25 9:52 ♀ *	♁ ♃ 25 15:33	♁ ♃ 24 10:03 ♀ *	♁ ♃ 25 8:54		SVP 05°15'06"
		♁ ♃ 27 0:57 ♀ *	♁ ♃ 28 1:57	♁ ♃ 27 10:52 ♀ *	♁ ♃ 27 21:25		Obliquity 23°26'18"
		♁ ♃ 30 7:34 ♀ *	♁ ♃ 30 14:26	♁ ♃ 29 23:47 ♀ *	♁ ♃ 30 10:27		♁ Chiron 18°57.3
							Mean ☽ 17°52:19.5