

ASTRONOMICAL Julian EOT, equinox & solstice data, peak EOT values for: 2011

EQUATION OF TIME (EOT) FOR YEAR:		2011	NON LEAP YEAR				mm.ss					
	1	2	3	4	5	6	7	8	9	10	11	12
	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec
1	3.12	13.30	12.30	4.06	-2.48	-2.18	3.42	6.23	0.16	-10.03	-16.26	-11.16
2	3.40	13.38	12.18	3.48	-2.55	-2.08	3.54	6.19	-0.03	-10.23	-16.28	-10.54
3	4.08	13.45	12.06	3.30	-3.02	-1.59	4.05	6.15	-0.22	-10.42	-16.29	-10.31
4	4.36	13.52	11.54	3.13	-3.08	-1.49	4.16	6.10	-0.41	-11.01	-16.29	-10.07
5	5.03	13.57	11.40	2.55	-3.14	-1.39	4.27	6.05	-1.01	-11.19	-16.28	-9.43
6	5.30	14.02	11.27	2.38	-3.19	-1.28	4.37	5.59	-1.21	-11.38	-16.26	-9.18
7	5.56	14.07	11.13	2.21	-3.24	-1.17	4.47	5.52	-1.41	-11.55	-16.24	-8.53
8	6.22	14.10	10.58	2.04	-3.28	-1.06	4.57	5.45	-2.01	-12.13	-16.21	-8.27
9	6.47	14.12	10.44	1.48	-3.31	-0.55	5.06	5.37	-2.22	-12.30	-16.17	-8.01
10	7.12	14.14	10.29	1.31	-3.34	-0.43	5.15	5.29	-2.43	-12.47	-16.12	-7.34
11	7.37	14.15	10.13	1.15	-3.36	-0.31	5.24	5.20	-3.04	-13.03	-16.06	-7.07
12	8.00	14.15	9.57	0.59	-3.38	-0.19	5.32	5.10	-3.25	-13.19	-15.59	-6.39
13	8.23	14.15	9.41	0.44	-3.39	-0.07	5.40	5.00	-3.46	-13.34	-15.52	-6.11
14	8.46	14.13	9.25	0.29	-3.40	0.06	5.47	4.50	-4.07	-13.49	-15.43	-5.43
15	9.08	14.11	9.08	0.14	-3.40	0.18	5.53	4.39	-4.28	-14.03	-15.34	-5.15
16	9.29	14.08	8.51	-0.01	-3.39	0.31	5.60	4.27	-4.50	-14.16	-15.24	-4.46
17	9.50	14.05	8.34	-0.15	-3.38	0.44	6.05	4.15	-5.11	-14.29	-15.13	-4.17
18	10.10	14.00	8.17	-0.29	-3.36	0.57	6.10	4.02	-5.32	-14.42	-15.01	-3.48
19	10.29	13.55	7.60	-0.42	-3.34	1.10	6.15	3.49	-5.54	-14.54	-14.49	-3.18
20	10.48	13.50	7.42	-0.55	-3.31	1.23	6.19	3.35	-6.15	-15.05	-14.35	-2.49
21	11.05	13.43	7.24	-1.08	-3.28	1.36	6.23	3.21	-6.37	-15.16	-14.21	-2.19
22	11.22	13.36	7.06	-1.20	-3.24	1.49	6.26	3.06	-6.58	-15.26	-14.06	-1.49
23	11.39	13.29	6.48	-1.32	-3.19	2.02	6.28	2.51	-7.19	-15.35	-13.50	-1.20
24	11.54	13.20	6.30	-1.43	-3.14	2.15	6.30	2.35	-7.40	-15.44	-13.33	-0.50
25	12.09	13.11	6.12	-1.54	-3.09	2.28	6.31	2.19	-8.01	-15.51	-13.16	-0.20
26	12.23	13.02	5.54	-2.04	-3.03	2.41	6.32	2.03	-8.22	-15.59	-12.58	0.10
27	12.36	12.52	5.36	-2.14	-2.57	2.53	6.32	1.46	-8.43	-16.05	-12.39	0.39
28	12.48	12.41	5.18	-2.23	-2.50	3.06	6.31	1.29	-9.03	-16.11	-12.19	1.09
29	12.60		4.60	-2.32	-2.42	3.18	6.30	1.11	-9.23	-16.16	-11.59	1.38
30	13.11		4.42	-2.40	-2.34	3.30	6.28	0.53	-9.43	-16.20	-11.38	2.07
31	13.20		4.24		-2.26		6.26	0.35		-16.23		2.36
												3.05

EOT		2011	
MAJOR PEAKS		MINOR PEAKS	
MAX	MIN	MAX	MIN
14.15	-16.29	6.32	-3.40

Solstice and Equinox for this year			
yyyy	mm	dd	Astronomical Julian Day
2011	1	1	--> 2455562.5
2011			

	Julian day and day of year for the event
March equinox:	2455641.5 78.98
June Solstice:	2455734.2 171.73
September equinox:	2455827.9 265.38
December solstice:	2455917.7 355.23