

ASTRONOMICAL Julian EOT, equinox & solstice data, peak EOT values for: 2013

EQUATION OF TIME (EOT) FOR YEAR:				2013	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	3.26	13.34	12.24	3.57	-2.52	-2.13	3.48	6.21	0.07	-10.13	-16.27	-11.05
2	3.54	13.41	12.12	3.39	-2.59	-2.03	3.60	6.17	-0.12	-10.33	-16.28	-10.42
3	4.22	13.48	11.60	3.21	-3.05	-1.54	4.11	6.13	-0.32	-10.52	-16.29	-10.19
4	4.49	13.55	11.47	3.04	-3.11	-1.44	4.22	6.08	-0.51	-11.10	-16.29	-9.55
5	5.16	13.60	11.33	2.46	-3.17	-1.33	4.33	6.02	-1.11	-11.29	-16.27	-9.30
6	5.43	14.04	11.20	2.29	-3.21	-1.23	4.43	5.56	-1.31	-11.47	-16.25	-9.05
7	6.09	14.08	11.05	2.12	-3.26	-1.12	4.53	5.49	-1.51	-12.05	-16.23	-8.40
8	6.35	14.11	10.51	1.56	-3.29	-1.00	5.02	5.41	-2.12	-12.22	-16.19	-8.14
9	6.60	14.13	10.36	1.39	-3.32	-0.49	5.11	5.33	-2.33	-12.39	-16.14	-7.47
10	7.24	14.14	10.21	1.23	-3.35	-0.37	5.20	5.25	-2.53	-12.55	-16.09	-7.20
11	7.49	14.15	10.05	1.07	-3.37	-0.25	5.28	5.15	-3.14	-13.11	-16.03	-6.53
12	8.12	14.15	9.49	0.51	-3.38	-0.13	5.36	5.06	-3.35	-13.26	-15.56	-6.25
13	8.35	14.14	9.33	0.36	-3.39	0.00	5.44	4.55	-3.57	-13.41	-15.48	-5.57
14	8.57	14.12	9.16	0.21	-3.39	0.12	5.51	4.44	-4.18	-13.56	-15.39	-5.29
15	9.19	14.09	8.60	0.06	-3.39	0.25	5.57	4.33	-4.39	-14.10	-15.29	-5.00
16	9.40	14.06	8.43	-0.08	-3.38	0.38	6.03	4.21	-5.01	-14.23	-15.19	-4.31
17	10.00	14.02	8.25	-0.22	-3.37	0.51	6.08	4.08	-5.22	-14.36	-15.07	-4.02
18	10.20	13.58	8.08	-0.36	-3.35	1.04	6.13	3.55	-5.43	-14.48	-14.55	-3.33
19	10.38	13.52	7.50	-0.49	-3.32	1.17	6.17	3.42	-6.05	-14.60	-14.42	-3.03
20	10.57	13.46	7.33	-1.02	-3.29	1.30	6.21	3.28	-6.26	-15.11	-14.28	-2.34
21	11.14	13.39	7.15	-1.14	-3.26	1.43	6.25	3.13	-6.47	-15.21	-14.14	-2.04
22	11.31	13.32	6.57	-1.26	-3.21	1.56	6.27	2.58	-7.09	-15.31	-13.58	-1.34
23	11.47	13.24	6.39	-1.37	-3.17	2.09	6.29	2.43	-7.30	-15.39	-13.42	-1.04
24	12.02	13.16	6.21	-1.48	-3.11	2.22	6.31	2.27	-7.51	-15.48	-13.25	-0.35
25	12.16	13.06	6.03	-1.59	-3.06	2.35	6.32	2.11	-8.12	-15.55	-13.07	-0.05
26	12.29	12.57	5.45	-2.09	-2.60	2.47	6.32	1.54	-8.32	-16.02	-12.48	0.25
27	12.42	12.46	5.27	-2.19	-2.53	3.00	6.32	1.37	-8.53	-16.08	-12.29	0.54
28	12.54	12.35	5.09	-2.28	-2.46	3.12	6.31	1.20	-9.13	-16.13	-12.09	1.24
29	13.05		4.50	-2.36	-2.38	3.25	6.29	1.02	-9.34	-16.18	-11.48	1.53
30	13.15		4.32	-2.44	-2.30	3.37	6.27	0.44	-9.53	-16.22	-11.27	2.22
31	13.25		4.14		-2.22		6.25	0.26		-16.25		2.51
												3.19

EOT		2013	
MAJOR PEAKS		MINOR PEAKS	
MAX	MIN	MAX	MIN
14.15	-16.29	6.32	-3.39

Solstice and Equinox for this year			
yyyy	mm	dd	Astronomical Julian Day
2013	1	1	--> 2456293.5
2013			

Julian day and day of year for the event

March equinox:	2456372.0	78.46
June Solstice:	2456464.7	171.21
September equinox:	2456558.4	264.86
December solstice:	2456648.2	354.72