

ASTRONOMICAL Julian EOT, equinox & solstice data, peak EOT values for: 2019

EQUATION OF TIME (EOT) FOR YEAR:				2019	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	13.29	12.29	4.05	-2.48	-2.16	3.44	6.24	0.16	-10.04	-16.26	-11.16
2		3.41	13.37	12.17	3.47	-2.55	-2.07	3.55	6.20	-0.03	-10.24	-16.28	-10.53
3		4.08	13.44	12.05	3.29	-3.02	-1.57	4.07	6.16	-0.22	-10.43	-16.29	-10.30
4		4.36	13.51	11.52	3.12	-3.08	-1.47	4.18	6.11	-0.42	-11.02	-16.29	-10.06
5		5.03	13.57	11.39	2.54	-3.14	-1.37	4.29	6.05	-1.02	-11.20	-16.28	-9.42
6		5.30	14.02	11.25	2.37	-3.19	-1.27	4.39	5.59	-1.22	-11.39	-16.27	-9.17
7		5.56	14.06	11.11	2.20	-3.23	-1.16	4.49	5.53	-1.42	-11.56	-16.24	-8.52
8		6.22	14.09	10.57	2.03	-3.27	-1.05	4.59	5.46	-2.02	-12.14	-16.21	-8.26
9		6.48	14.12	10.42	1.47	-3.31	-0.53	5.08	5.38	-2.23	-12.31	-16.17	-8.00
10		7.12	14.13	10.27	1.30	-3.33	-0.41	5.17	5.29	-2.44	-12.48	-16.12	-7.33
11		7.37	14.14	10.12	1.14	-3.36	-0.29	5.26	5.20	-3.04	-13.04	-16.06	-7.06
12		8.01	14.14	9.56	0.59	-3.37	-0.17	5.34	5.11	-3.26	-13.20	-15.59	-6.39
13		8.24	14.14	9.40	0.43	-3.38	-0.05	5.41	5.01	-3.47	-13.35	-15.52	-6.11
14		8.46	14.12	9.23	0.28	-3.39	0.08	5.48	4.50	-4.08	-13.49	-15.44	-5.42
15		9.08	14.10	9.07	0.13	-3.39	0.20	5.55	4.39	-4.29	-14.04	-15.34	-5.14
16		9.29	14.07	8.50	-0.01	-3.38	0.33	6.01	4.27	-4.51	-14.17	-15.24	-4.45
17		9.50	14.03	8.33	-0.16	-3.37	0.46	6.07	4.15	-5.12	-14.30	-15.13	-4.16
18		10.10	13.59	8.16	-0.29	-3.35	0.59	6.12	4.02	5.33	-14.43	-15.01	-3.47
19		10.29	13.54	7.58	-0.43	-3.33	1.12	6.16	3.49	-5.55	-14.55	-14.49	-3.18
20		10.48	13.48	7.41	-0.56	-3.30	1.25	6.20	3.35	-6.16	-15.06	-14.35	-2.48
21		11.05	13.42	7.23	-1.08	-3.27	1.38	6.24	3.21	-6.38	-15.16	-14.21	-2.18
22		11.22	13.35	7.05	-1.20	-3.23	1.51	6.27	3.06	-6.59	-15.26	-14.06	-1.49
23		11.39	13.27	6.47	-1.32	-3.18	2.04	6.29	2.51	-7.20	-15.36	-13.50	-1.19
24		11.54	13.19	6.29	-1.43	-3.13	2.17	6.31	2.35	-7.41	-15.44	-13.33	-0.49
25		12.09	13.10	6.11	-1.54	-3.08	2.30	6.32	2.19	-8.02	-15.52	-13.16	-0.19
26		12.23	13.01	5.53	-2.04	-3.02	2.43	6.33	2.02	-8.23	-15.59	-12.57	0.10
27		12.36	12.50	5.35	-2.14	-2.55	2.55	6.33	1.46	-8.44	-16.06	-12.39	0.40
28		12.48	12.40	5.17	-2.23	-2.48	3.08	6.32	1.28	-9.04	-16.11	-12.19	1.09
29		12.59		4.58	-2.32	-2.41	3.20	6.31	1.11	-9.24	-16.16	-11.58	1.39
30		13.10		4.40	-2.40	-2.33	3.32	6.29	0.53	-9.44	-16.20	-11.37	2.08
31		13.20		4.22		-2.25		6.27	0.34		-16.24		2.37
													3.05

EOT		2019	
MAJOR PEAKS		MINOR PEAKS	
MAX	MIN	MAX	MIN
14.14	-16.29	6.33	-3.39

Solstice and Equinox for this year			
yyyy	mm	dd	Astronomical Julian Day
2019	1	1	-- > 2458484.5
2019			

Julian day and day of year for the event

March equinox:	2458563.4	78.92
June Solstice:	2458656.2	171.66
September equinox:	2458749.8	265.32
December solstice:	2458839.7	355.17