

ASTRONOMICAL Julian and EOT with equinox & solstice data, peak EOT values

EQUATION OF TIME (EOT) FOR YEAR:		2020		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	3.05	13.27	12.20	3.51	-2.54	-2.09	3.53	6.21	0.02	-10.19	-16.28	-10.59
2	3.34	13.35	12.08	3.33	-3.01	-1.60	4.04	6.17	-0.18	-10.38	-16.29	-10.36
3	4.02	13.43	11.55	3.16	-3.07	-1.50	4.15	6.12	-0.37	-10.57	-16.29	-10.12
4	4.29	13.49	11.42	2.58	-3.13	-1.40	4.26	6.07	-0.57	-11.16	-16.29	-9.48
5	4.57	13.55	11.29	2.41	-3.18	-1.29	4.37	6.01	-1.17	-11.34	-16.27	-9.24
6	5.23	14.00	11.15	2.24	-3.22	-1.18	4.47	5.55	-1.37	-11.52	-16.25	-8.58
7	5.50	14.05	11.00	2.07	-3.26	-1.07	4.57	5.47	-1.57	-12.10	-16.22	-8.33
8	6.16	14.08	10.46	1.51	-3.30	-0.56	5.06	5.40	-2.18	-12.27	-16.18	-8.07
9	6.41	14.11	10.31	1.34	-3.33	-0.44	5.15	5.31	-2.38	-12.44	-16.13	-7.40
10	7.06	14.13	10.15	1.18	-3.35	-0.32	5.24	5.23	-2.59	-12.60	-16.08	-7.13
11	7.31	14.14	9.60	1.02	-3.37	-0.20	5.32	5.13	-3.20	-13.16	-16.01	-6.45
12	7.55	14.14	9.44	0.47	-3.38	-0.08	5.40	5.03	-3.41	-13.31	-15.54	-6.18
13	8.18	14.14	9.27	0.32	-3.39	0.05	5.47	4.53	-4.03	-13.46	-15.46	-5.49
14	8.41	14.12	9.11	0.17	-3.39	0.17	5.54	4.42	-4.24	-14.00	-15.37	-5.21
15	9.03	14.10	8.54	0.02	-3.38	0.30	5.60	4.30	-4.45	-14.14	-15.27	-4.52
16	9.24	14.08	8.37	-0.12	-3.37	0.43	6.06	4.18	-5.07	-14.27	-15.16	-4.23
17	9.45	14.04	8.20	-0.26	-3.36	0.56	6.11	4.05	-5.28	-14.40	-15.04	-3.54
18	10.05	14.00	8.02	-0.39	-3.33	1.09	6.15	3.52	-5.50	-14.52	-14.52	-3.25
19	10.24	13.55	7.45	-0.53	-3.31	1.22	6.20	3.38	-6.11	-15.03	-14.39	-2.55
20	10.43	13.50	7.27	-1.05	-3.27	1.35	6.23	3.24	-6.32	-15.14	-14.25	-2.26
21	11.01	13.44	7.09	-1.17	-3.24	1.48	6.26	3.10	-6.54	-15.24	-14.10	-1.56
22	11.18	13.37	6.51	-1.29	-3.19	2.01	6.29	2.54	-7.15	-15.33	-13.54	-1.26
23	11.35	13.29	6.33	-1.41	-3.14	2.14	6.31	2.39	-7.36	-15.42	-13.37	-0.56
24	11.50	13.21	6.15	-1.51	-3.09	2.27	6.32	2.23	-7.57	-15.50	-13.20	-0.27
25	12.05	13.12	5.57	-2.02	-3.03	2.40	6.33	2.07	-8.18	-15.58	-13.02	0.03
26	12.19	13.03	5.39	-2.12	-2.57	2.52	6.33	1.50	-8.39	-16.04	-12.43	0.33
27	12.32	12.53	5.21	-2.21	-2.50	3.05	6.32	1.33	-8.59	-16.10	-12.24	1.02
28	12.45	12.42	5.03	-2.30	-2.43	3.17	6.31	1.15	-9.19	-16.15	-12.04	1.31
29	12.57	12.31	4.45	-2.38	-2.35	3.29	6.30	0.57	-9.39	-16.19	-11.43	2.01
30	13.07		4.27	-2.46	-2.27	3.41	6.27	0.39	-9.59	-16.23	-11.21	2.29
31	13.17		4.09		-2.18		6.25	0.20		-16.26		2.58

EOT		2020	
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
2020	1	1	-- > 2458849.5
202			

Julian day and day of year for the event

March equinox:	2458928.7	79.16
June Solstice:	2459021.4	171.90
September equinox:	2459115.1	265.56
December solstice:	2459204.9	355.41