

De acuerdo con los signos de la tabla, utilizar la ecuación:

$$\text{HORA CIVIL} = \text{HORA SOLAR} + \text{EOT}$$

Astronomical Julian and EOT with equinox & solstice data, peak EOT values for 2027

EQUATION OF TIME (EOT) FOR YEAR:				2027	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	3.13	13.28	12.27	4.03	-2.48	-2.15	3.46	6.24	0.15	-10.05	-16.27	-11.15
2	3.41	13.37	12.16	3.46	-2.55	-2.05	3.57	6.21	-0.04	-10.25	-16.28	-10.53
3	4.09	13.44	12.03	3.28	-3.02	-1.56	4.09	6.16	-0.23	-10.44	-16.29	-10.30
4	4.36	13.50	11.51	3.10	-3.08	-1.46	4.20	6.12	-0.43	-11.03	-16.29	-10.06
5	5.04	13.56	11.38	2.53	-3.14	-1.36	4.30	6.06	-1.02	-11.21	-16.29	-9.42
6	5.30	14.01	11.24	2.36	-3.19	-1.25	4.41	5.60	-1.22	-11.40	-16.27	-9.17
7	5.57	14.05	11.10	2.19	-3.23	-1.14	4.51	5.53	-1.43	-11.57	-16.25	-8.52
8	6.23	14.08	10.56	2.02	-3.27	-1.03	5.01	5.46	-2.03	-12.15	-16.21	-8.26
9	6.48	14.11	10.41	1.46	-3.30	-0.51	5.10	5.38	-2.24	-12.32	-16.17	-7.59
10	7.13	14.12	10.26	1.29	-3.33	-0.40	5.19	5.30	-2.44	-12.49	-16.12	-7.33
11	7.37	14.13	10.10	1.13	-3.35	-0.28	5.27	5.21	-3.05	-13.05	-16.06	-7.06
12	8.01	14.13	9.54	0.58	-3.37	-0.16	5.35	5.11	-3.26	-13.20	-15.60	-6.38
13	8.24	14.13	9.38	0.42	-3.38	-0.03	5.43	5.01	-3.48	-13.36	-15.52	-6.10
14	8.46	14.11	9.22	0.27	-3.38	0.09	5.50	4.50	-4.09	-13.50	-15.44	-5.42
15	9.08	14.09	9.05	0.12	-3.38	0.22	5.56	4.39	-4.30	-14.05	-15.34	-5.13
16	9.30	14.06	8.48	-0.02	-3.37	0.35	6.03	4.27	-4.52	-14.18	-15.24	-4.44
17	9.50	14.02	8.31	-0.16	-3.36	0.48	6.08	4.15	-5.13	-14.31	-15.13	-4.15
18	10.10	13.58	8.14	-0.30	-3.34	1.01	6.13	4.02	-5.34	-14.44	-15.01	-3.46
19	10.29	13.53	7.57	-0.43	-3.32	1.14	6.18	3.49	-5.56	-14.55	-14.49	-3.17
20	10.48	13.47	7.39	-0.56	-3.29	1.27	6.22	3.35	-6.17	-15.07	-14.35	-2.47
21	11.05	13.41	7.21	-1.09	-3.26	1.40	6.25	3.20	-6.39	-15.17	-14.21	-2.18
22	11.22	13.34	7.04	-1.21	-3.22	1.53	6.28	3.06	-6.60	-15.27	-14.06	-1.48
23	11.38	13.26	6.46	-1.32	-3.17	2.06	6.30	2.50	-7.21	-15.36	-13.50	-1.18
24	11.54	13.18	6.28	-1.44	-3.12	2.19	6.32	2.35	-7.42	-15.45	-13.33	-0.48
25	12.08	13.09	6.10	-1.54	-3.07	2.32	6.33	2.19	-8.03	-15.53	-13.15	-0.19
26	12.22	12.59	5.51	-2.05	-3.01	2.45	6.34	2.02	-8.24	-15.60	-12.57	0.11
27	12.35	12.49	5.33	-2.14	-2.54	2.57	6.34	1.45	-8.45	-16.06	-12.38	0.41
28	12.48	12.38	5.15	-2.24	-2.47	3.10	6.33	1.28	-9.05	-16.12	-12.18	1.10
29	12.59		4.57	-2.32	-2.40	3.22	6.32	1.10	-9.25	-16.17	-11.58	1.39
30	13.10		4.39	-2.41	-2.32	3.34	6.30	0.52	-9.45	-16.21	-11.37	2.08
31	13.19		4.21		-2.23		6.28	0.34		-16.24		2.37
												3.06

EOT		2027	
MAJOR PEAKS		MINOR PEAKS	
MAX	MIN	MAX	MIN
14.13	-16.29	6.34	-3.38

Solstice and Equinox for this year			
yyyy	mm	dd	Astronomical Julian Day
2027	1	1	--> 2461406.5
2.027			

Julian day and day of year for the event

March equinox:	2461485.4	78.85
June Solstice:	2461578.1	171.59
September equinox:	2461671.8	265.25
December solstice:	2461761.6	355.11