

## OBSERVATÓRIO ASTRONÓMICO DE LISBOA

Tapada da Ajuda, 1349-018 LISBOA

### TEMPO UNIVERSAL AO MEIO-DIA SOLAR VERDADEIRO

(Correcção para o Porto, - 2<sup>m</sup> 17<sup>s</sup>; para Coimbra, - 3m 02s; para Faro, -5m 01s)

Para qualquer outra localidade, cuja longitude, em tempo, for  $\lambda$ ,

a correcção a aplicar a esta tabela será: = - ( $\lambda$ + 36m 45s)

2021

DIA	JANEIRO	FEVEREIRO	MARÇO	ABRIL	MAIO	JUNHO
	h min s	h min s	h min s	h min s	h min s	h min s
1	12:40:24	12:50:17	12:48:58	12:40:30	12:33:46	12:34:34
2	12:40:52	12:50:24	12:48:46	12:40:12	12:33:39	12:34:44
3	12:41:19	12:50:31	12:48:33	12:39:55	12:33:33	12:34:54
4	12:41:46	12:50:37	12:48:20	12:39:37	12:33:27	12:35:04
5	12:42:13	12:50:41	12:48:06	12:39:20	12:33:22	12:35:15
6	12:42:39	12:50:45	12:47:53	12:39:03	12:33:18	12:35:26
7	12:43:05	12:50:49	12:47:38	12:38:46	12:33:14	12:35:37
8	12:43:31	12:50:51	12:47:24	12:38:30	12:33:10	12:35:48
9	12:43:56	12:50:53	12:47:09	12:38:13	12:33:08	12:36:00
10	12:44:20	12:50:54	12:46:53	12:37:57	12:33:06	12:36:12
11	12:44:44	12:50:54	12:46:38	12:37:42	12:33:04	12:36:24
12	12:45:07	12:50:54	12:46:22	12:37:26	12:33:03	12:36:37
13	12:45:30	12:50:52	12:46:06	12:37:11	12:33:03	12:36:50
14	12:45:52	12:50:50	12:45:49	12:36:56	12:33:03	12:37:02
15	12:46:13	12:50:47	12:45:32	12:36:42	12:33:03	12:37:15
16	12:46:34	12:50:44	12:45:15	12:36:28	12:33:05	12:37:28
17	12:46:53	12:50:40	12:44:58	12:36:14	12:33:07	12:37:41
18	12:47:13	12:50:35	12:44:41	12:36:00	12:33:09	12:37:54
19	12:47:31	12:50:29	12:44:23	12:35:47	12:33:12	12:38:07
20	12:47:49	12:50:23	12:44:06	12:35:35	12:33:15	12:38:20
21	12:48:06	12:50:16	12:43:48	12:35:23	12:33:19	12:38:33
22	12:48:22	12:50:08	12:43:30	12:35:11	12:33:23	12:38:46
23	12:48:37	12:50:00	12:43:12	12:35:00	12:33:28	12:38:59
24	12:48:51	12:49:52	12:42:54	12:34:49	12:33:34	12:39:12
25	12:49:05	12:50:40	12:42:36	12:34:38	12:33:40	12:39:24
26	12:49:18	12:49:31	12:42:17	12:34:28	12:33:46	12:39:37
27	12:49:30	12:49:21	12:41:59	12:34:19	12:33:53	12:39:49
28	12:49:41	12:49:09	12:41:41	12:34:10	12:34:00	12:40:02
29	12:49:52	-	12:41:23	12:34:02	12:34:08	12:40:14
30	12:50:01	-	12:41:05	12:33:54	12:34:16	12:40:25
31	12:50:10	-	12:40:47	-	12:34:25	-

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**Para qualquer outra localidade, cuja longitude, em tempo, for  $\lambda$ ,  
a correcção a aplicar a esta tabela será: - ( $\lambda$ + 36m 45s)**

**2021**

JULHO	AGOSTO	SETEMBRO	OUTUBRO	NOVEMBRO	DEZEMBRO	DIA
h min s	h min s	h min s	h min s	h min s	h min s	
12:40:37	12:43:01	12:36:36	12:26:16	12:20:15	12:25:47	1
12:40:48	12:42:57	12:36:17	12:25:57	12:20:15	12:26:10	2
12:40:59	12:42:52	12:35:58	12:25:38	12:20:15	12:26:34	3
12:41:10	12:42:46	12:35:38	12:25:19	12:20:15	12:26:58	4
12:41:21	12:42:40	12:35:18	12:25:01	12:20:17	12:27:23	5
12:41:31	12:42:34	12:34:58	12:24:44	12:20:19	12:27:48	6
12:41:40	12:42:26	12:34:37	12:24:27	12:20:23	12:28:16	7
12:41:50	12:42:19	12:34:17	12:24:10	12:20:27	12:29:39	8
12:41:59	12:42:10	12:33:56	12:23:53	12:20:32	12:29:07	9
12:42:07	12:42:01	12:33:35	12:23:37	12:20:38	12:29:34	10
12:42:15	12:41:52	12:33:14	12:23:22	12:20:44	12:30:02	11
12:42:23	12:41:42	12:32:53	12:23:07	12:20:52	12:30:30	12
12:42:30	12:41:31	12:32:32	12:22:52	12:21:00	12:30:58	13
12:42:37	12:41:20	12:32:10	12:22:38	12:21:09	12:31:26	14
12:42:43	12:41:08	12:31:49	12:22:25	12:21:19	12:31:55	15
12:42:49	12:40:56	12:31:27	12:22:12	12:21:30	12:32:24	16
12:42:54	12:40:43	12:31:04	12:22:00	12:21:42	12:32:53	17
12:42:58	12:40:30	12:29:46	12:21:48	12:21:54	12:33:23	18
12:43:02	12:40:16	12:30:23	12:21:37	12:22:07	12:33:52	19
12:43:06	12:40:01	12:30:01	12:21:26	12:22:21	12:34:22	20
12:43:09	12:39:46	12:29:40	12:21:16	12:22:36	12:34:52	21
12:43:11	12:39:31	12:29:19	12:21:07	12:22:52	12:35:21	22
12:43:12	12:39:15	12:28:58	12:20:59	12:23:08	12:35:51	23
12:43:14	12:38:59	12:28:37	12:20:51	12:23:25	12:36:21	24
12:43:14	12:38:43	12:28:16	12:20:44	12:23:43	12:36:51	25
12:43:14	12:38:26	12:27:55	12:20:37	12:24:02	12:37:20	26
12:43:13	12:38:08	12:27:35	12:20:32	12:24:22	12:37:50	27
12:43:12	12:37:50	12:27:15	12:20:27	12:24:42	12:38:19	28
12:43:10	12:37:32	12:26:55	12:20:23	12:25:03	12:38:48	29
12:43:08	12:37:14	12:26:35	12:20:20	12:25:25	12:39:18	30
12:43:04	12:36:55	-	12:20:17	-	12:40:45	31