

## 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)

2020

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

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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)**

**2020**

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