

**OBSERVATÓRIO ASTRONÓMICO DE LISBOA**  
Tapada da Ajuda, 1349-018 LISBOA

**HORA SIDERAL APARENTE ÀS 0h DE TEMPO UNIVERSAL (LISBOA)**

(Correcção para o Porto, - 2<sup>min</sup> 17<sup>s</sup>, 21; para Coimbra, - 3<sup>min</sup> 01<sup>s</sup>,58; para Faro, - 5<sup>min</sup> 00<sup>s</sup>,98)

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

a correcção a aplicar a esta tabela será:  $-(\lambda + 36^{\text{min}} 44^{\text{s}},68)$ .

**2016**

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	06:03:37,11	08:05:50,47	10:00:10,71	12:02:24,07	14:00:40,87	16:02:54,23
2	06:07:33,67	08:09:47,03	10:04:07,27	12:06:20,63	14:04:37,43	16:06:50,79
3	06:11:30,23	08:13:43,59	10:08:03,83	12:10:17,19	14:08:33,99	16:10:47,35
4	06:15:26,79	08:17:40,15	10:12:00,39	12:14:13,75	14:12:30,55	16:14:43,91
5	06:19:23,35	08:21:36,71	10:15:56,95	12:18:10,31	14:16:27,11	16:18:40,47
6	06:23:19,91	08:25:33,27	10:19:53,51	12:22:06,87	14:20:23,67	16:22:37,03
7	06:27:16,47	08:29:29,83	10:23:50,07	12:26:03,43	14:24:20,23	16:26:33,59
8	06:31:13,03	08:33:26,39	10:27:46,63	12:29:59,99	14:28:16,79	16:30:30,15
9	06:35:09,59	08:37:22,95	10:31:43,19	12:33:56,55	14:32:13,35	16:34:26,71
10	06:39:06,15	08:41:19,51	10:35:39,75	12:37:53,11	14:36:09,91	16:38:23,27
11	06:43:02,71	08:45:16,07	10:39:36,31	12:41:49,67	14:40:06,47	16:42:19,83
12	06:46:59,27	08:49:12,63	10:43:32,87	12:45:46,23	14:44:03,03	16:46:16,39
13	06:50:55,83	08:53:09,19	10:47:29,43	12:49:42,79	14:47:59,59	16:50:12,95
14	06:54:52,39	08:57:05,75	10:51:25,99	12:53:39,35	14:51:56,15	16:54:09,51
15	06:58:48,95	09:01:02,31	10:55:22,55	12:57:35,91	14:55:52,71	16:58:06,07
16	07:02:45,51	09:04:58,87	10:59:19,11	13:01:32,47	14:59:49,27	17:02:02,63
17	07:06:42,07	09:08:55,43	11:03:15,67	13:05:29,03	15:03:45,83	17:05:59,19
18	07:10:38,63	09:12:51,99	11:07:12,23	13:09:25,59	15:07:42,39	17:09:55,75
19	07:14:35,19	09:16:48,55	11:11:08,79	13:13:22,15	15:11:38,95	17:13:52,31
20	07:18:31,75	09:20:45,11	11:15:05,35	13:17:18,71	15:15:35,51	17:17:48,87
21	07:22:28,31	09:24:41,67	11:19:01,91	13:21:15,27	15:19:32,07	17:21:45,43
22	07:26:24,87	09:28:38,23	11:22:58,47	13:25:11,83	15:23:28,63	17:25:41,99
23	07:30:21,43	09:32:34,79	11:26:55,03	13:29:08,39	15:27:25,19	17:29:38,55
24	07:34:17,99	09:36:31,35	11:30:51,59	13:33:04,95	15:31:21,75	17:33:35,11
25	07:38:14,55	09:40:27,91	11:34:48,15	13:37:01,51	15:35:18,31	17:37:31,67
26	07:42:11,11	09:44:24,47	11:38:44,71	13:40:58,07	15:39:14,87	17:41:28,23
27	07:46:07,67	09:48:21,03	11:42:41,27	13:44:54,63	15:43:11,43	17:45:24,79
28	07:50:04,23	09:52:17,59	11:46:37,83	13:48:51,19	15:47:07,99	17:49:21,35
29	07:54:00,79	09:56:14,15	11:50:34,39	13:52:47,75	15:51:04,55	17:53:17,91
30	07:57:57,35	-	11:54:30,95	13:56:44,31	15:55:01,11	17:57:14,47
31	08:01:53,91	-	11:58:27,51	-	15:58:57,67	-

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2016

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	
18:01:11,03	20:03:24,39	22:05:37,75	00:03:54,55	02:06:07,91	04:04:24,71	1
18:05:07,59	20:07:20,95	22:09:34,31	00:07:51,11	02:10:04,47	04:08:21,27	2
18:09:04,15	20:11:17,51	22:13:30,87	00:11:47,67	02:14:01,03	04:12:17,83	3
18:13:00,71	20:15:14,07	22:17:27,43	00:15:44,23	02:17:57,59	04:16:14,39	4
18:16:57,27	20:19:10,63	22:21:23,99	00:19:40,79	02:21:54,15	04:20:10,95	5
18:20:53,83	20:23:07,19	22:25:20,55	00:23:37,35	02:25:50,71	04:24:07,51	6
18:24:50,39	20:27:03,75	22:29:17,11	00:27:33,91	02:29:47,27	04:28:04,07	7
18:28:46,95	20:31:00,31	22:33:13,67	00:31:30,47	02:33:43,83	04:32:00,63	8
18:32:43,51	20:34:56,87	22:37:10,23	00:35:27,03	02:37:40,39	04:35:57,19	9
18:36:40,07	20:38:53,43	22:41:06,79	00:39:23,59	02:41:36,95	04:39:53,75	10
18:40:36,63	20:42:49,99	22:45:03,35	00:43:20,15	02:45:33,51	04:43:50,31	11
18:44:33,19	20:46:46,55	22:48:59,91	00:47:16,71	02:49:30,07	04:47:46,87	12
18:48:29,75	20:50:43,11	22:52:56,47	00:51:13,27	02:53:26,63	04:51:43,43	13
18:52:26,31	20:54:39,67	22:56:53,03	00:55:09,83	02:57:23,19	04:55:39,99	14
18:56:22,87	20:58:36,23	23:00:49,59	00:59:06,39	03:01:19,75	04:59:36,55	15
19:00:19,43	21:02:32,79	23:04:46,15	01:03:02,95	03:05:16,31	05:03:33,11	16
19:04:15,99	21:06:29,35	23:08:42,71	01:06:59,51	03:09:12,87	05:07:29,67	17
19:08:12,55	21:10:25,91	23:12:39,27	01:10:56,07	03:13:09,43	05:11:26,23	18
19:12:09,11	21:14:22,47	23:16:35,83	01:14:52,63	03:17:05,99	05:15:22,79	19
19:16:05,67	21:18:19,03	23:20:32,39	01:18:49,19	03:21:02,55	05:19:19,35	20
19:20:02,23	21:22:15,59	23:24:28,95	01:22:45,75	03:24:59,11	05:23:15,91	21
19:23:58,79	21:26:12,15	23:28:25,51	01:26:42,31	03:28:55,67	05:27:12,47	22
19:27:55,35	21:30:08,71	23:32:22,07	01:30:38,87	03:32:52,23	05:31:09,03	23
19:31:51,91	21:34:05,27	23:36:18,63	01:34:35,43	03:36:48,79	05:35:05,59	24
19:35:48,47	21:38:01,83	23:40:15,19	01:38:31,99	03:40:45,35	05:39:02,15	25
19:39:45,03	21:41:58,39	23:44:11,75	01:42:28,55	03:44:41,91	05:42:58,71	26
19:43:41,59	21:45:54,95	23:48:08,31	01:46:25,11	03:48:38,47	05:46:55,27	27
19:47:38,15	21:49:51,51	23:52:04,87	01:50:21,67	03:52:35,03	05:50:51,83	28
19:51:34,71	21:53:48,07	23:56:01,43	01:54:18,23	03:56:31,59	05:54:48,39	29
19:55:31,27	21:57:44,63	23:59:57,99	01:58:14,79	04:00:28,15	05:58:44,95	30
19:59:27,83	22:01:41,19	-	02:02:11,35	-	06:02:41,51	31