

OBSERVATÓRIO ASTRONÓMICO DE LISBOA

Tapada da Ajuda, 1349-018 LISBOA

TEMPO UNIVERSAL AO MEIO-DIA SOLAR VERDADEIRO

FARO

2013

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

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FARO

2013

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