

OBSERVATÓRIO ASTRONÓMICO DE LISBOA

Tapada da Ajuda, 1349-018 LISBOA

TEMPO UNIVERSAL AO MEIO-DIA SOLAR VERDADEIRO**FUNCHAL****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	13:11:24	13:21:18	13:19:59	13:11:30	13:04:45	13:05:33
2	13:11:52	13:21:26	13:19:47	13:11:12	13:04:38	13:05:42
3	13:12:19	13:21:32	13:19:34	13:10:54	13:04:32	13:05:52
4	13:12:46	13:21:38	13:19:21	13:10:37	13:04:27	13:06:02
5	13:13:13	13:21:43	13:19:08	13:10:20	13:04:21	13:06:13
6	13:13:40	13:21:47	13:18:54	13:10:03	13:04:17	13:06:24
7	13:14:05	13:21:50	13:18:40	13:09:46	13:04:13	13:06:35
8	13:14:31	13:21:53	13:18:25	13:09:29	13:04:10	13:06:47
9	13:14:56	13:21:54	13:18:10	13:09:13	13:04:07	13:06:59
10	13:15:20	13:21:55	13:17:55	13:08:57	13:04:05	13:07:11
11	13:15:44	13:21:56	13:17:39	13:08:41	13:04:03	13:07:23
12	13:16:07	13:21:55	13:17:23	13:08:26	13:04:02	13:07:35
13	13:16:30	13:21:54	13:17:07	13:08:10	13:04:02	13:07:48
14	13:16:52	13:21:52	13:16:50	13:07:56	13:04:02	13:08:01
15	13:17:13	13:21:49	13:16:34	13:07:41	13:04:03	13:08:13
16	13:17:34	13:21:45	13:16:17	13:07:27	13:04:04	13:08:26
17	13:17:54	13:21:41	13:16:00	13:07:13	13:04:05	13:08:39
18	13:18:13	13:21:36	13:15:42	13:07:00	13:04:08	13:08:52
19	13:18:31	13:21:30	13:15:25	13:06:47	13:04:11	13:09:05
20	13:18:49	13:21:24	13:15:07	13:06:34	13:04:14	13:09:18
21	13:19:06	13:21:17	13:14:49	13:06:22	13:04:18	13:09:31
22	13:19:22	13:21:09	13:14:31	13:06:10	13:04:22	13:09:44
23	13:19:37	13:21:01	13:14:13	13:05:58	13:04:27	13:09:57
24	13:19:52	13:20:52	13:13:55	13:05:48	13:04:32	13:10:10
25	13:20:05	13:20:43	13:13:37	13:05:37	13:04:38	13:10:23
26	13:20:18	13:20:32	13:13:18	13:05:27	13:04:45	13:10:35
27	13:20:30	13:20:22	13:13:00	13:05:18	13:04:51	13:10:48
28	13:20:41	13:20:11	13:12:42	13:05:09	13:04:59	13:11:00
29	13:20:52	-	13:12:24	13:05:00	13:05:07	13:11:12
30	13:21:02	-	13:12:06	13:04:52	13:05:15	13:11:24
31	13:21:10	-	13:11:48	-	13:05:23	-

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TEMPO UNIVERSAL AO MEIO-DIA SOLAR VERDADEIRO

FUNCHAL

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