

OBSERVATÓRIO ASTRONÓMICO DE LISBOA

Tapada da Ajuda, 1349-018 LISBOA

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

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

TEMPO UNIVERSAL AO MEIO-DIA SOLAR VERDADEIRO

VILA REAL DE SANTO ANTÓNIO

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