

OBSERVATÓRIO ASTRONÓMICO DE LISBOA

Tapada da Ajuda, 1349-018 LISBOA

TEMPO UNIVERSAL AO MEIO-DIA SOLAR VERDADEIRO

CASTELO BRANCO

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

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CASTELO BRANCO

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