

OBSERVATÓRIO ASTRONÓMICO DE LISBOA

Tapada da Ajuda, 1349-018 LISBOA

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

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ANGRA DO HEROÍSMO

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