

OBSERVATÓRIO ASTRONÓMICO DE LISBOA

Tapada da Ajuda, 1349-018 LISBOA

NASCIMENTO E OCASO DA LUA (LISBOA)

(Hora Legal)

2013

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

* Nestes dias não se verifica o nascimento ou o ocaso da Lua.

OBSERVATÓRIO ASTRONÓMICO DE LISBOA

Tapada da Ajuda, 1349-018 LISBOA

NASCIMENTO E OCASO DA LUA (LISBOA)

(Hora Legal)

2013

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

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