

# OBSERVATÓRIO ASTRONÓMICO DE LISBOA

Tapada da Ajuda, 1349-018 LISBOA

## NASCIMENTO E OCASO DA LUA (FUNCHAL)

(Hora Legal)

**2016**

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

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

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Tapada da Ajuda, 1349-018 LISBOA

## NASCIMENTO E OCASO DA LUA (FUNCHAL)

(Hora Legal)

**2016**

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

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