

**OBSERVATÓRIO ASTRONÓMICO DE LISBOA**

Tapada da Ajuda, 1349-018 LISBOA

**NASCIMENTO E OCASO DA LUA (FUNCHAL)**

(Hora Legal)

**2018**

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

\* 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 (FUNCHAL)

(Hora Legal)

**2018**

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

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