

**OBSERVATÓRIO ASTRONÓMICO DE LISBOA**

Tapada da Ajuda, 1349-018 LISBOA

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

(Hora Legal)

**2019**

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

\* 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 (FARO)

(Hora Legal)

2019

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

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