

**OBSERVATÓRIO ASTRONÓMICO DE LISBOA**

Tapada da Ajuda, 1349-018 LISBOA

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

(Tempo Universal)

**2021**

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

\* 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 (FARO)**

(Tempo Universal)

**2021**

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

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