

**OBSERVATÓRIO ASTRONÓMICO DE LISBOA**

Tapada da Ajuda, 1349-018 LISBOA

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

(Hora Legal)

**2022**

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

\* 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 (PORTO)**

(Hora Legal)

**2022**

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

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