

OBSERVATÓRIO ASTRONÓMICO DE LISBOA

Tapada da Ajuda, 1349-018 LISBOA

NASCIMENTO E OCASO DA LUA (PORTO)

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

* 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 (PORTO)

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

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