

# OBSERVATÓRIO ASTRONÓMICO DE LISBOA

Tapada da Ajuda, 1349-018 LISBOA

## NASCIMENTO E OCASO DA LUA (COIMBRA)

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

\* 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 (COIMBRA)

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

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