

OBSERVATÓRIO ASTRONÓMICO DE LISBOA

Tapada da Ajuda, 1349-018 LISBOA

NASCIMENTO E OCASO DA LUA (PONTA DELGADA)

(Hora Legal)

2020

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

* 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 (PONTA DELGADA)

(Hora Legal)

2020

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

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