

OBSERVATÓRIO ASTRONÓMICO DE LISBOA

Tapada da Ajuda, 1349-018 LISBOA

NASCIMENTO E OCASO DA LUA (PONTA DELGADA)

(Hora Legal)

2019

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

* 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)

2019

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

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