

OBSERVATÓRIO ASTRONÓMICO DE LISBOA

Tapada da Ajuda, 1349-018 LISBOA

NASCIMENTO E OCASO DA LUA (PORTO)

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

* 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)

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

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