

OBSERVATÓRIO ASTRONÓMICO DE LISBOA

Tapada da Ajuda, 1349-018 LISBOA

NASCIMENTO E OCASO DA LUA (PORTO)

(Hora Legal)

2018

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

* 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)

2018

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

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