

OBSERVATÓRIO ASTRONÓMICO DE LISBOA

Tapada da Ajuda, 1349-018 LISBOA

NASCIMENTO E OCASO DA LUA (PORTO)

(Hora Legal)

2016

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

* 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)

2016

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

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