

**OBSERVATÓRIO ASTRONÓMICO DE LISBOA**

Tapada da Ajuda, 1349-018 LISBOA

**NASCIMENTO E OCASO DO SOL (LISBOA)**

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

**OBSERVATÓRIO ASTRONÓMICO DE LISBOA**

Tapada da Ajuda, 1349-018 LISBOA

**NASCIMENTO E OCASO DO SOL (LISBOA)**

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