

OBSERVATÓRIO ASTRONÓMICO DE LISBOA
Tapada da Ajuda, 1349-018 LISBOA

CREPÚSCULOS, NASCIMENTO E OCASO DO SOL
NASCIMENTO E OCASO DO PLANETA MERCÚRIO, MAGNITUDE EM 2014 (LISBOA)

DATA				SOL		CREPÚSCULOS				MERCÚRIO				
Ano	Mês	Dia	Dia da semana	Nascimento	Ocaso	Aurora	Dia claro	Escurecer	Noite fechada	Nascimento	Ocaso	Magnitude	Visibilidade ao anoitecer	Visibilidade ao amanhecer
				h:min	h:min	h:min	h:min	h:min	h:min	h:min	h:min	°	h:min	h:min
2014	Jan	1	(Qua)	07:55	17:26	06:20	07:25	17:56	19:01	08:12	17:27	-1,2	....	....
2014	Jan	2	(Qui)	07:55	17:27	06:20	07:25	17:56	19:02	08:15	17:31	-1,2	....	....
2014	Jan	3	(Sex)	07:55	17:28	06:20	07:25	17:57	19:03	08:17	17:35	-1,2	....	....
2014	Jan	4	(Sáb)	07:55	17:28	06:20	07:25	17:58	19:03	08:20	17:38	-1,2	....	....
2014	Jan	5	(Dom)	07:55	17:29	06:20	07:26	17:59	19:04	08:22	17:43	-1,2	....	....
2014	Jan	6	(Seg)	07:55	17:30	06:20	07:26	18:00	19:05	08:24	17:47	-1,2	....	....
2014	Jan	7	(Ter)	07:55	17:31	06:20	07:26	18:01	19:06	08:27	17:51	-1,2	....	....
2014	Jan	8	(Qua)	07:55	17:32	06:20	07:26	18:02	19:07	08:29	17:55	-1,2	....	....
2014	Jan	9	(Qui)	07:55	17:33	06:20	07:25	18:03	19:08	08:31	17:59	-1,2	....	....
2014	Jan	10	(Sex)	07:55	17:34	06:20	07:25	18:03	19:08	08:33	18:04	-1,2	00:01	....
2014	Jan	11	(Sáb)	07:55	17:35	06:20	07:25	18:04	19:09	08:34	18:08	-1,2	00:04	....
2014	Jan	12	(Dom)	07:54	17:36	06:20	07:25	18:05	19:10	08:36	18:13	-1,2	00:08	....
2014	Jan	13	(Seg)	07:54	17:37	06:20	07:25	18:06	19:11	08:37	18:18	-1,2	00:12	....
2014	Jan	14	(Ter)	07:54	17:38	06:20	07:25	18:07	19:12	08:39	18:22	-1,2	00:15	....
2014	Jan	15	(Qua)	07:53	17:39	06:20	07:24	18:08	19:13	08:40	18:27	-1,2	00:19	....
2014	Jan	16	(Qui)	07:53	17:40	06:19	07:24	18:09	19:14	08:41	18:32	-1,2	00:23	....
2014	Jan	17	(Sex)	07:53	17:41	06:19	07:24	18:10	19:15	08:42	18:37	-1,2	00:27	....
2014	Jan	18	(Sáb)	07:52	17:42	06:19	07:23	18:11	19:16	08:43	18:41	-1,1	00:30	....
2014	Jan	19	(Dom)	07:52	17:44	06:19	07:23	18:12	19:17	08:44	18:46	-1,1	00:34	....
2014	Jan	20	(Seg)	07:51	17:45	06:18	07:22	18:13	19:18	08:44	18:51	-1,1	00:38	....
2014	Jan	21	(Ter)	07:51	17:46	06:18	07:22	18:14	19:19	08:45	18:55	-1,1	00:41	....
2014	Jan	22	(Qua)	07:50	17:47	06:17	07:21	18:16	19:20	08:45	19:00	-1,1	00:44	....
2014	Jan	23	(Qui)	07:50	17:48	06:17	07:21	18:17	19:21	08:45	19:04	-1,1	00:47	....
2014	Jan	24	(Sex)	07:49	17:49	06:17	07:20	18:18	19:21	08:45	19:08	-1,0	00:50	....
2014	Jan	25	(Sáb)	07:48	17:50	06:16	07:20	18:19	19:22	08:44	19:12	-1,0	00:53	....
2014	Jan	26	(Dom)	07:48	17:51	06:15	07:19	18:20	19:23	08:44	19:16	-1,0	00:56	....
2014	Jan	27	(Seg)	07:47	17:53	06:15	07:18	18:21	19:24	08:43	19:19	-0,9	00:58	....

DATA				SOL		CREPÚSCULOS				MERCÚRIO				
Ano	Mês	Dia	Dia da semana	Nascimento	Ocaso	Aurora	Dia claro	Escurecer	Noite fechada	Nascimento	Ocaso	Magnitude	Visibilidade ao anoitecer	Visibilidade ao amanhecer
				h:min	h:min	h:min	h:min	h:min	h:min	h:min	h:min	°	h:min	h:min
2014	Jan	28	(Ter)	07:46	17:54	06:14	07:18	18:22	19:25	08:41	19:22	-0,9	01:00	....
2014	Jan	29	(Qua)	07:45	17:55	06:14	07:17	18:23	19:26	08:40	19:25	-0,8	01:02	....
2014	Jan	30	(Qui)	07:44	17:56	06:13	07:16	18:24	19:27	08:38	19:27	-0,7	01:03	....
2014	Jan	31	(Sex)	07:44	17:57	06:12	07:15	18:25	19:28	08:36	19:29	-0,6	01:04	....
2014	Fev	1	(Sáb)	07:43	17:58	06:12	07:15	18:26	19:29	08:33	19:30	-0,5	01:04	....
2014	Fev	2	(Dom)	07:42	17:59	06:11	07:14	18:27	19:30	08:30	19:30	-0,4	01:03	....
2014	Fev	3	(Seg)	07:41	18:01	06:10	07:13	18:29	19:31	08:27	19:29	-0,3	01:00	....
2014	Fev	4	(Ter)	07:40	18:02	06:09	07:12	18:30	19:32	08:23	19:28	-0,1	00:58	....
2014	Fev	5	(Qua)	07:39	18:03	06:09	07:11	18:31	19:33	08:19	19:26	0,0	00:55	....
2014	Fev	6	(Qui)	07:38	18:04	06:08	07:10	18:32	19:34	08:14	19:23	0,2	00:51	....
2014	Fev	7	(Sex)	07:37	18:05	06:07	07:09	18:33	19:35	08:09	19:19	0,4	00:46	....
2014	Fev	8	(Sáb)	07:36	18:06	06:06	07:08	18:34	19:36	08:03	19:15	0,6	00:41	....
2014	Fev	9	(Dom)	07:35	18:08	06:05	07:07	18:35	19:37	07:57	19:09	0,9	00:34	....
2014	Fev	10	(Seg)	07:34	18:09	06:04	07:06	18:36	19:39	07:51	19:02	1,2	00:26	....
2014	Fev	11	(Ter)	07:33	18:10	06:03	07:05	18:37	19:40	07:44	18:55	1,6	00:18	....
2014	Fev	12	(Qua)	07:31	18:11	06:02	07:04	18:38	19:41	07:37	18:47	2,0	00:09	....
2014	Fev	13	(Qui)	07:30	18:12	06:01	07:03	18:39	19:42	07:30	18:39	----	....	....
2014	Fev	14	(Sex)	07:29	18:13	06:00	07:02	18:40	19:43	07:23	18:30	----	....	....
2014	Fev	15	(Sáb)	07:28	18:14	05:59	07:01	18:42	19:44	07:16	18:20	----	....	....
2014	Fev	16	(Dom)	07:27	18:15	05:58	07:00	18:43	19:45	07:09	18:11	----	....	....
2014	Fev	17	(Seg)	07:25	18:17	05:57	06:58	18:44	19:46	07:02	18:01	----	....	....
2014	Fev	18	(Ter)	07:24	18:18	05:55	06:57	18:45	19:47	06:55	17:52	3,3	....	00:02
2014	Fev	19	(Qua)	07:23	18:19	05:54	06:56	18:46	19:48	06:48	17:43	2,9	....	00:08
2014	Fev	20	(Qui)	07:22	18:20	05:53	06:55	18:47	19:49	06:42	17:34	2,4	....	00:13
2014	Fev	21	(Sex)	07:20	18:21	05:52	06:53	18:48	19:50	06:36	17:25	2,0	....	00:17
2014	Fev	22	(Sáb)	07:19	18:22	05:50	06:52	18:49	19:51	06:31	17:17	1,8	....	00:21
2014	Fev	23	(Dom)	07:18	18:23	05:49	06:51	18:50	19:52	06:26	17:10	1,5	....	00:25
2014	Fev	24	(Seg)	07:16	18:24	05:48	06:49	18:51	19:53	06:21	17:03	1,3	....	00:28
2014	Fev	25	(Ter)	07:15	18:25	05:47	06:48	18:52	19:54	06:17	16:57	1,1	....	00:31
2014	Fev	26	(Qua)	07:14	18:26	05:45	06:47	18:53	19:55	06:13	16:51	0,9	....	00:34
2014	Fev	27	(Qui)	07:12	18:27	05:44	06:45	18:54	19:56	06:09	16:46	0,8	....	00:36
2014	Fev	28	(Sex)	07:11	18:28	05:43	06:44	18:55	19:57	06:06	16:41	0,7	....	00:38
2014	Mar	1	(Sáb)	07:09	18:29	05:41	06:43	18:56	19:58	06:03	16:37	0,6	....	00:40
2014	Mar	2	(Dom)	07:08	18:30	05:40	06:41	18:57	19:59	06:01	16:34	0,6	....	00:40
2014	Mar	3	(Seg)	07:06	18:32	05:38	06:40	18:58	20:00	05:58	16:31	0,5	....	00:42

DATA				SOL		CREPÚSCULOS				MERCÚRIO				
Ano	Mês	Dia	Dia da semana	Nascimento	Ocaso	Aurora	Dia claro	Escurecer	Noite fechada	Nascimento	Ocaso	Magnitude	Visibilidade ao anoitecer	Visibilidade ao amanhecer
				h:min	h:min	h:min	h:min	h:min	h:min	h:min	h:min	°	h:min	h:min
2014	Mar	4	(Ter)	07:05	18:33	05:37	06:38	18:59	20:01	05:56	16:28	0,5	....	00:42
2014	Mar	5	(Qua)	07:03	18:34	05:35	06:37	19:00	20:02	05:54	16:26	0,4	....	00:43
2014	Mar	6	(Qui)	07:02	18:35	05:34	06:35	19:01	20:03	05:53	16:24	0,4	....	00:42
2014	Mar	7	(Sex)	07:01	18:36	05:32	06:34	19:02	20:04	05:52	16:23	0,3	....	00:42
2014	Mar	8	(Sáb)	06:59	18:37	05:31	06:33	19:03	20:05	05:50	16:22	0,3	....	00:43
2014	Mar	9	(Dom)	06:58	18:38	05:29	06:31	19:04	20:06	05:49	16:21	0,3	....	00:42
2014	Mar	10	(Seg)	06:56	18:39	05:28	06:30	19:05	20:07	05:48	16:21	0,2	....	00:42
2014	Mar	11	(Ter)	06:54	18:40	05:26	06:28	19:06	20:08	05:47	16:21	0,2	....	00:41
2014	Mar	12	(Qua)	06:53	18:41	05:25	06:26	19:07	20:09	05:47	16:21	0,2	....	00:39
2014	Mar	13	(Qui)	06:51	18:42	05:23	06:25	19:08	20:10	05:46	16:22	0,2	....	00:39
2014	Mar	14	(Sex)	06:50	18:43	05:21	06:23	19:09	20:11	05:46	16:23	0,2	....	00:37
2014	Mar	15	(Sáb)	06:48	18:44	05:20	06:22	19:10	20:12	05:45	16:24	0,1	....	00:37
2014	Mar	16	(Dom)	06:47	18:45	05:18	06:20	19:11	20:13	05:45	16:25	0,1	....	00:35
2014	Mar	17	(Seg)	06:45	18:46	05:17	06:19	19:12	20:14	05:44	16:26	0,1	....	00:35
2014	Mar	18	(Ter)	06:44	18:47	05:15	06:17	19:13	20:15	05:44	16:28	0,1	....	00:33
2014	Mar	19	(Qua)	06:42	18:48	05:13	06:16	19:14	20:17	05:44	16:30	0,1	....	00:32
2014	Mar	20	(Qui)	06:41	18:49	05:12	06:14	19:15	20:18	05:43	16:32	0,0	....	00:31
2014	Mar	21	(Sex)	06:39	18:49	05:10	06:12	19:16	20:19	05:43	16:34	0,0	....	00:29
2014	Mar	22	(Sáb)	06:37	18:50	05:08	06:11	19:17	20:20	05:43	16:37	0,0	....	00:28
2014	Mar	23	(Dom)	06:36	18:51	05:07	06:09	19:18	20:21	05:43	16:39	0,0	....	00:26
2014	Mar	24	(Seg)	06:34	18:52	05:05	06:08	19:19	20:22	05:43	16:42	-0,1	....	00:25
2014	Mar	25	(Ter)	06:33	18:53	05:03	06:06	19:20	20:23	05:42	16:45	-0,1	....	00:24
2014	Mar	26	(Qua)	06:31	18:54	05:02	06:05	19:21	20:24	05:42	16:48	-0,1	....	00:23
2014	Mar	27	(Qui)	06:30	18:55	05:00	06:03	19:22	20:25	05:42	16:51	-0,1	....	00:21
2014	Mar	28	(Sex)	06:28	18:56	04:58	06:01	19:23	20:26	05:42	16:54	-0,2	....	00:19
2014	Mar	29	(Sáb)	06:27	18:57	04:56	06:00	19:24	20:28	05:42	16:57	-0,2	....	00:18
2014	Mar	30	(Dom)	07:25	19:58	05:55	06:58	20:25	21:29	06:42	18:01	-0,2	....	00:16
2014	Mar	31	(Seg)	07:23	19:59	05:53	06:57	20:26	21:30	06:42	18:04	-0,3	....	00:15
2014	Abr	1	(Ter)	07:22	20:00	05:51	06:55	20:27	21:31	06:42	18:08	-0,3	....	00:13
2014	Abr	2	(Qua)	07:20	20:01	05:49	06:54	20:28	21:32	06:41	18:12	-0,3	....	00:13
2014	Abr	3	(Qui)	07:19	20:02	05:48	06:52	20:29	21:33	06:41	18:16	-0,4	....	00:11
2014	Abr	4	(Sex)	07:17	20:03	05:46	06:50	20:30	21:35	06:41	18:20	-0,4	....	00:09
2014	Abr	5	(Sáb)	07:16	20:04	05:44	06:49	20:31	21:36	06:41	18:25	-0,5	....	00:08
2014	Abr	6	(Dom)	07:14	20:05	05:42	06:47	20:32	21:37	06:41	18:29	-0,5	....	00:06
2014	Abr	7	(Seg)	07:13	20:06	05:41	06:46	20:33	21:38	06:41	18:34	-0,6	....	00:05

DATA				SOL		CREPÚSCULOS				MERCÚRIO				
Ano	Mês	Dia	Dia da semana	Nascimento	Ocaso	Aurora	Dia claro	Escurecer	Noite fechada	Nascimento	Ocaso	Magnitude	Visibilidade ao anoitecer	Visibilidade ao amanhecer
				h:min	h:min	h:min	h:min	h:min	h:min	h:min	h:min	°	h:min	h:min
2014	Abr	8	(Ter)	07:11	20:07	05:39	06:44	20:34	21:39	06:41	18:38	-0,6	....	00:03
2014	Abr	9	(Qua)	07:10	20:08	05:37	06:43	20:35	21:41	06:41	18:43	-0,7	....	00:02
2014	Abr	10	(Qui)	07:08	20:09	05:35	06:41	20:36	21:42	06:41	18:48	-0,8	....	....
2014	Abr	11	(Sex)	07:07	20:10	05:33	06:39	20:37	21:43	06:41	18:53	-0,8	....	....
2014	Abr	12	(Sáb)	07:05	20:11	05:32	06:38	20:38	21:44	06:42	18:58	-0,9	....	....
2014	Abr	13	(Dom)	07:04	20:11	05:30	06:36	20:39	21:46	06:42	19:03	-1,0	....	....
2014	Abr	14	(Seg)	07:02	20:12	05:28	06:35	20:40	21:47	06:42	19:09	-1,0	....	....
2014	Abr	15	(Ter)	07:01	20:13	05:26	06:33	20:41	21:48	06:42	19:14	-1,1	....	....
2014	Abr	16	(Qua)	06:59	20:14	05:25	06:32	20:42	21:50	06:42	19:20	-1,2	....	....
2014	Abr	17	(Qui)	06:58	20:15	05:23	06:30	20:43	21:51	06:43	19:26	-1,3	....	....
2014	Abr	18	(Sex)	06:57	20:16	05:21	06:29	20:44	21:52	06:43	19:32	-1,4	....	....
2014	Abr	19	(Sáb)	06:55	20:17	05:19	06:27	20:45	21:53	06:44	19:38	-1,5	....	....
2014	Abr	20	(Dom)	06:54	20:18	05:18	06:26	20:46	21:55	06:44	19:45	-1,6	....	....
2014	Abr	21	(Seg)	06:52	20:19	05:16	06:25	20:47	21:56	06:45	19:51	-1,7	....	....
2014	Abr	22	(Ter)	06:51	20:20	05:14	06:23	20:48	21:57	06:46	19:58	-1,8	....	....
2014	Abr	23	(Qua)	06:50	20:21	05:12	06:22	20:49	21:59	06:46	20:05	-1,9	....	....
2014	Abr	24	(Qui)	06:48	20:22	05:11	06:20	20:50	22:00	06:47	20:12	-2,0	....	....
2014	Abr	25	(Sex)	06:47	20:23	05:09	06:19	20:51	22:01	06:48	20:19	-2,1	....	....
2014	Abr	26	(Sáb)	06:46	20:24	05:07	06:18	20:52	22:03	06:49	20:26	----	....	....
2014	Abr	27	(Dom)	06:45	20:25	05:06	06:16	20:53	22:04	06:50	20:33	-2,2	....	....
2014	Abr	28	(Seg)	06:43	20:26	05:04	06:15	20:54	22:06	06:52	20:40	-2,1	....	....
2014	Abr	29	(Ter)	06:42	20:27	05:02	06:13	20:55	22:07	06:53	20:48	-2,1	....	....
2014	Abr	30	(Qua)	06:41	20:28	05:01	06:12	20:56	22:08	06:54	20:55	-2,0	....	....
2014	Mai	1	(Qui)	06:40	20:29	04:59	06:11	20:57	22:10	06:56	21:02	-1,9	00:05	....
2014	Mai	2	(Sex)	06:38	20:30	04:57	06:10	20:59	22:11	06:58	21:10	-1,9	00:11	....
2014	Mai	3	(Sáb)	06:37	20:31	04:56	06:08	21:00	22:12	06:59	21:17	-1,8	00:17	....
2014	Mai	4	(Dom)	06:36	20:32	04:54	06:07	21:01	22:14	07:01	21:24	-1,7	00:23	....
2014	Mai	5	(Seg)	06:35	20:33	04:53	06:06	21:02	22:15	07:03	21:31	-1,6	00:29	....
2014	Mai	6	(Ter)	06:34	20:34	04:51	06:05	21:03	22:17	07:05	21:38	-1,5	00:35	....
2014	Mai	7	(Qua)	06:33	20:34	04:50	06:04	21:04	22:18	07:07	21:44	-1,4	00:40	....
2014	Mai	8	(Qui)	06:32	20:35	04:48	06:02	21:05	22:19	07:09	21:51	-1,3	00:46	....
2014	Mai	9	(Sex)	06:31	20:36	04:47	06:01	21:06	22:21	07:11	21:57	-1,2	00:51	....
2014	Mai	10	(Sáb)	06:30	20:37	04:45	06:00	21:07	22:22	07:13	22:02	-1,1	00:55	....
2014	Mai	11	(Dom)	06:29	20:38	04:44	05:59	21:08	22:24	07:15	22:08	-1,0	01:00	....
2014	Mai	12	(Seg)	06:28	20:39	04:42	05:58	21:09	22:25	07:17	22:13	-0,9	01:04	....

DATA				SOL		CREPÚSCULOS				MERCÚRIO				
Ano	Mês	Dia	Dia da semana	Nascimento	Ocaso	Aurora	Dia claro	Escurecer	Noite fechada	Nascimento	Ocaso	Magnitude	Visibilidade ao anoitecer	Visibilidade ao amanhecer
				h:min	h:min	h:min	h:min	h:min	h:min	h:min	h:min	°	h:min	h:min
2014	Mai	13	(Ter)	06:27	20:40	04:41	05:57	21:10	22:26	07:19	22:17	-0,7	01:07	....
2014	Mai	14	(Qua)	06:26	20:41	04:39	05:56	21:11	22:28	07:21	22:22	-0,6	01:11	....
2014	Mai	15	(Qui)	06:25	20:42	04:38	05:55	21:12	22:29	07:23	22:26	-0,5	01:14	....
2014	Mai	16	(Sex)	06:24	20:43	04:37	05:54	21:13	22:30	07:25	22:29	-0,4	01:16	....
2014	Mai	17	(Sáb)	06:23	20:44	04:35	05:53	21:14	22:32	07:27	22:32	-0,3	01:18	....
2014	Mai	18	(Dom)	06:22	20:44	04:34	05:52	21:15	22:33	07:29	22:35	-0,2	01:20	....
2014	Mai	19	(Seg)	06:22	20:45	04:33	05:51	21:16	22:35	07:30	22:38	-0,2	01:22	....
2014	Mai	20	(Ter)	06:21	20:46	04:32	05:51	21:17	22:36	07:32	22:40	-0,1	01:23	....
2014	Mai	21	(Qua)	06:20	20:47	04:30	05:50	21:18	22:37	07:33	22:41	0,0	01:23	....
2014	Mai	22	(Qui)	06:19	20:48	04:29	05:49	21:18	22:38	07:35	22:42	0,1	01:24	....
2014	Mai	23	(Sex)	06:19	20:49	04:28	05:48	21:19	22:40	07:36	22:43	0,2	01:24	....
2014	Mai	24	(Sáb)	06:18	20:50	04:27	05:47	21:20	22:41	07:37	22:44	0,3	01:24	....
2014	Mai	25	(Dom)	06:17	20:50	04:26	05:47	21:21	22:42	07:37	22:44	0,4	01:23	....
2014	Mai	26	(Seg)	06:17	20:51	04:25	05:46	21:22	22:43	07:38	22:43	0,4	01:21	....
2014	Mai	27	(Ter)	06:16	20:52	04:24	05:45	21:23	22:45	07:38	22:42	0,5	01:19	....
2014	Mai	28	(Qua)	06:16	20:53	04:23	05:45	21:24	22:46	07:39	22:41	0,6	01:17	....
2014	Mai	29	(Qui)	06:15	20:53	04:22	05:44	21:25	22:47	07:39	22:40	0,7	01:15	....
2014	Mai	30	(Sex)	06:15	20:54	04:21	05:44	21:25	22:48	07:38	22:38	0,8	01:13	....
2014	Mai	31	(Sáb)	06:14	20:55	04:20	05:43	21:26	22:49	07:38	22:35	0,8	01:09	....
2014	Jun	1	(Dom)	06:14	20:56	04:20	05:43	21:27	22:50	07:37	22:32	0,8	01:05	....
2014	Jun	2	(Seg)	06:14	20:56	04:19	05:42	21:28	22:51	07:36	22:29	0,9	01:01	....
2014	Jun	3	(Ter)	06:13	20:57	04:18	05:42	21:28	22:52	07:34	22:26	1,1	00:58	....
2014	Jun	4	(Qua)	06:13	20:58	04:18	05:41	21:29	22:53	07:32	22:22	1,2	00:53	....
2014	Jun	5	(Qui)	06:13	20:58	04:17	05:41	21:30	22:54	07:30	22:17	1,3	00:47	....
2014	Jun	6	(Sex)	06:12	20:59	04:16	05:41	21:30	22:55	07:28	22:13	1,4	00:43	....
2014	Jun	7	(Sáb)	06:12	20:59	04:16	05:41	21:31	22:56	07:25	22:08	1,6	00:37	....
2014	Jun	8	(Dom)	06:12	21:00	04:15	05:40	21:32	22:57	07:22	22:02	1,7	00:30	....
2014	Jun	9	(Seg)	06:12	21:00	04:15	05:40	21:32	22:57	07:19	21:57	1,9	00:25	....
2014	Jun	10	(Ter)	06:12	21:01	04:15	05:40	21:33	22:58	07:16	21:51	2,1	00:18	....
2014	Jun	11	(Qua)	06:12	21:01	04:14	05:40	21:33	22:59	07:12	21:45	2,2	00:12	....
2014	Jun	12	(Qui)	06:11	21:02	04:14	05:40	21:34	23:00	07:08	21:38	2,5	00:04	....
2014	Jun	13	(Sex)	06:11	21:02	04:14	05:40	21:34	23:00	07:03	21:31	----	....	....
2014	Jun	14	(Sáb)	06:11	21:03	04:14	05:40	21:35	23:01	06:59	21:25	----	....	....
2014	Jun	15	(Dom)	06:11	21:03	04:13	05:40	21:35	23:01	06:54	21:18	----	....	....
2014	Jun	16	(Seg)	06:11	21:03	04:13	05:40	21:35	23:02	06:49	21:10	----	....	....

DATA				SOL		CREPÚSCULOS				MERCÚRIO				
Ano	Mês	Dia	Dia da semana	Nascimento	Ocaso	Aurora	Dia claro	Escurecer	Noite fechada	Nascimento	Ocaso	Magnitude	Visibilidade ao anoitecer	Visibilidade ao amanhecer
				h:min	h:min	h:min	h:min	h:min	h:min	h:min	h:min	°	h:min	h:min
2014	Jun	17	(Ter)	06:12	21:04	04:13	05:40	21:36	23:02	06:44	21:03	----	....	....
2014	Jun	18	(Qua)	06:12	21:04	04:13	05:40	21:36	23:02	06:38	20:56	----	....	....
2014	Jun	19	(Qui)	06:12	21:04	04:13	05:40	21:36	23:03	06:33	20:49	----	....	....
2014	Jun	20	(Sex)	06:12	21:05	04:14	05:40	21:37	23:03	06:27	20:42	----	....	....
2014	Jun	21	(Sáb)	06:12	21:05	04:14	05:40	21:37	23:03	06:22	20:35	----	....	....
2014	Jun	22	(Dom)	06:12	21:05	04:14	05:40	21:37	23:03	06:16	20:28	----	....	....
2014	Jun	23	(Seg)	06:13	21:05	04:14	05:41	21:37	23:04	06:10	20:22	----	....	....
2014	Jun	24	(Ter)	06:13	21:05	04:15	05:41	21:37	23:04	06:05	20:15	----	....	....
2014	Jun	25	(Qua)	06:13	21:05	04:15	05:41	21:37	23:04	05:59	20:09	----	....	....
2014	Jun	26	(Qui)	06:14	21:05	04:15	05:42	21:37	23:04	05:54	20:04	----	....	....
2014	Jun	27	(Sex)	06:14	21:06	04:16	05:42	21:37	23:03	05:49	19:58	----	....	....
2014	Jun	28	(Sáb)	06:14	21:06	04:16	05:42	21:37	23:03	05:44	19:53	----	....	....
2014	Jun	29	(Dom)	06:15	21:06	04:17	05:43	21:37	23:03	05:39	19:49	2,1	....	00:04
2014	Jun	30	(Seg)	06:15	21:05	04:18	05:43	21:37	23:03	05:34	19:44	1,9	....	00:09
2014	Jul	1	(Ter)	06:16	21:05	04:18	05:44	21:37	23:03	05:30	19:41	1,7	....	00:14
2014	Jul	2	(Qua)	06:16	21:05	04:19	05:44	21:37	23:02	05:26	19:37	1,5	....	00:18
2014	Jul	3	(Qui)	06:17	21:05	04:20	05:45	21:37	23:02	05:22	19:34	1,4	....	00:23
2014	Jul	4	(Sex)	06:17	21:05	04:20	05:45	21:37	23:01	05:18	19:32	1,3	....	00:27
2014	Jul	5	(Sáb)	06:18	21:05	04:21	05:46	21:36	23:01	05:15	19:30	1,1	....	00:31
2014	Jul	6	(Dom)	06:18	21:05	04:22	05:47	21:36	23:00	05:12	19:28	1,0	....	00:35
2014	Jul	7	(Seg)	06:19	21:04	04:23	05:47	21:36	23:00	05:09	19:27	0,9	....	00:38
2014	Jul	8	(Ter)	06:19	21:04	04:24	05:48	21:35	22:59	05:07	19:26	0,8	....	00:41
2014	Jul	9	(Qua)	06:20	21:04	04:25	05:49	21:35	22:59	05:04	19:25	0,7	....	00:45
2014	Jul	10	(Qui)	06:21	21:03	04:26	05:49	21:35	22:58	05:02	19:25	0,6	....	00:47
2014	Jul	11	(Sex)	06:21	21:03	04:27	05:50	21:34	22:57	05:01	19:26	0,5	....	00:49
2014	Jul	12	(Sáb)	06:22	21:02	04:28	05:51	21:34	22:56	05:00	19:26	0,4	....	00:51
2014	Jul	13	(Dom)	06:23	21:02	04:29	05:52	21:33	22:55	04:59	19:27	0,3	....	00:53
2014	Jul	14	(Seg)	06:23	21:01	04:30	05:52	21:32	22:55	04:58	19:29	0,2	....	00:54
2014	Jul	15	(Ter)	06:24	21:01	04:31	05:53	21:32	22:54	04:58	19:30	0,0	....	00:55
2014	Jul	16	(Qua)	06:25	21:00	04:32	05:54	21:31	22:53	04:58	19:32	-0,1	....	00:56
2014	Jul	17	(Qui)	06:26	21:00	04:33	05:55	21:31	22:52	04:59	19:35	-0,2	....	00:56
2014	Jul	18	(Sex)	06:26	20:59	04:35	05:56	21:30	22:51	05:00	19:37	-0,3	....	00:56
2014	Jul	19	(Sáb)	06:27	20:59	04:36	05:56	21:29	22:50	05:01	19:40	-0,4	....	00:55
2014	Jul	20	(Dom)	06:28	20:58	04:37	05:57	21:28	22:48	05:03	19:43	-0,5	....	00:54
2014	Jul	21	(Seg)	06:29	20:57	04:38	05:58	21:28	22:47	05:05	19:47	-0,6	....	00:53

DATA				SOL		CREPÚSCULOS				MERCÚRIO				
Ano	Mês	Dia	Dia da semana	Nascimento	Ocaso	Aurora	Dia claro	Escurecer	Noite fechada	Nascimento	Ocaso	Magnitude	Visibilidade ao anoitecer	Visibilidade ao amanhecer
				h:min	h:min	h:min	h:min	h:min	h:min	h:min	h:min	°	h:min	h:min
2014	Jul	22	(Ter)	06:30	20:56	04:39	05:59	21:27	22:46	05:08	19:50	-0,7	....	00:51
2014	Jul	23	(Qua)	06:30	20:56	04:41	06:00	21:26	22:45	05:11	19:54	-0,8	....	00:49
2014	Jul	24	(Qui)	06:31	20:55	04:42	06:01	21:25	22:44	05:14	19:57	-0,9	....	00:47
2014	Jul	25	(Sex)	06:32	20:54	04:43	06:02	21:24	22:42	05:18	20:01	-1,0	....	00:44
2014	Jul	26	(Sáb)	06:33	20:53	04:45	06:03	21:23	22:41	05:22	20:05	-1,2	....	00:41
2014	Jul	27	(Dom)	06:34	20:52	04:46	06:04	21:22	22:40	05:27	20:09	-1,3	....	00:37
2014	Jul	28	(Seg)	06:35	20:51	04:47	06:05	21:21	22:38	05:32	20:13	-1,4	....	00:33
2014	Jul	29	(Ter)	06:35	20:51	04:49	06:06	21:20	22:37	05:37	20:17	-1,5	....	00:29
2014	Jul	30	(Qua)	06:36	20:50	04:50	06:06	21:19	22:36	05:42	20:20	-1,5	....	00:24
2014	Jul	31	(Qui)	06:37	20:49	04:51	06:07	21:18	22:34	05:48	20:24	-1,6	....	00:19
2014	Ago	1	(Sex)	06:38	20:48	04:53	06:08	21:17	22:33	05:54	20:28	-1,7	....	00:14
2014	Ago	2	(Sáb)	06:39	20:47	04:54	06:09	21:16	22:31	06:00	20:31	-1,8	....	00:09
2014	Ago	3	(Dom)	06:40	20:46	04:55	06:10	21:15	22:30	06:07	20:34	-1,8	....	00:03
2014	Ago	4	(Seg)	06:41	20:45	04:57	06:11	21:14	22:28	06:13	20:37	-1,9	....	....
2014	Ago	5	(Ter)	06:42	20:43	04:58	06:12	21:13	22:27	06:20	20:40	-1,9	....	....
2014	Ago	6	(Qua)	06:42	20:42	04:59	06:13	21:11	22:25	06:26	20:43	-2,0	....	....
2014	Ago	7	(Qui)	06:43	20:41	05:01	06:14	21:10	22:23	06:33	20:45	-2,0	....	....
2014	Ago	8	(Sex)	06:44	20:40	05:02	06:15	21:09	22:22	06:39	20:47	-2,0	....	....
2014	Ago	9	(Sáb)	06:45	20:39	05:03	06:16	21:08	22:20	06:46	20:49	-2,0	....	....
2014	Ago	10	(Dom)	06:46	20:38	05:05	06:17	21:06	22:19	06:52	20:51	-1,9	....	....
2014	Ago	11	(Seg)	06:47	20:36	05:06	06:18	21:05	22:17	06:59	20:53	-1,8	....	....
2014	Ago	12	(Ter)	06:48	20:35	05:07	06:19	21:04	22:15	07:05	20:54	-1,7	....	....
2014	Ago	13	(Qua)	06:49	20:34	05:09	06:20	21:02	22:14	07:11	20:55	-1,6	....	....
2014	Ago	14	(Qui)	06:50	20:33	05:10	06:21	21:01	22:12	07:17	20:56	-1,5	....	....
2014	Ago	15	(Sex)	06:51	20:31	05:11	06:22	21:00	22:10	07:23	20:57	-1,4	....	....
2014	Ago	16	(Sáb)	06:51	20:30	05:12	06:23	20:58	22:09	07:29	20:58	-1,4	....	....
2014	Ago	17	(Dom)	06:52	20:29	05:14	06:24	20:57	22:07	07:35	20:59	-1,3	00:02	....
2014	Ago	18	(Seg)	06:53	20:27	05:15	06:25	20:55	22:05	07:40	20:59	-1,2	00:04	....
2014	Ago	19	(Ter)	06:54	20:26	05:16	06:26	20:54	22:03	07:46	20:59	-1,1	00:05	....
2014	Ago	20	(Qua)	06:55	20:25	05:18	06:27	20:53	22:02	07:51	21:00	-1,0	00:07	....
2014	Ago	21	(Qui)	06:56	20:23	05:19	06:28	20:51	22:00	07:56	21:00	-1,0	00:09	....
2014	Ago	22	(Sex)	06:57	20:22	05:20	06:29	20:50	21:58	08:01	21:00	-0,9	00:10	....
2014	Ago	23	(Sáb)	06:58	20:20	05:21	06:30	20:48	21:56	08:06	20:59	-0,8	00:11	....
2014	Ago	24	(Dom)	06:59	20:19	05:23	06:31	20:47	21:55	08:11	20:59	-0,8	00:12	....
2014	Ago	25	(Seg)	06:59	20:18	05:24	06:32	20:45	21:53	08:16	20:59	-0,7	00:14	....

DATA				SOL		CREPÚSCULOS				MERCÚRIO				
Ano	Mês	Dia	Dia da semana	Nascimento	Ocaso	Aurora	Dia claro	Escurecer	Noite fechada	Nascimento	Ocaso	Magnitude	Visibilidade ao anoitecer	Visibilidade ao amanhecer
				h:min	h:min	h:min	h:min	h:min	h:min	h:min	h:min	°	h:min	h:min
2014	Ago	26	(Ter)	07:00	20:16	05:25	06:33	20:44	21:51	08:20	20:59	-0,7	00:15	....
2014	Ago	27	(Qua)	07:01	20:15	05:26	06:34	20:42	21:49	08:25	20:58	-0,6	00:16	....
2014	Ago	28	(Qui)	07:02	20:13	05:28	06:35	20:41	21:47	08:29	20:57	-0,6	00:16	....
2014	Ago	29	(Sex)	07:03	20:12	05:29	06:36	20:39	21:46	08:33	20:57	-0,5	00:18	....
2014	Ago	30	(Sáb)	07:04	20:10	05:30	06:37	20:38	21:44	08:37	20:56	-0,5	00:18	....
2014	Ago	31	(Dom)	07:05	20:09	05:31	06:38	20:36	21:42	08:41	20:55	-0,4	00:19	....
2014	Set	1	(Seg)	07:06	20:07	05:32	06:38	20:34	21:40	08:45	20:54	-0,4	00:20	....
2014	Set	2	(Ter)	07:07	20:06	05:33	06:39	20:33	21:38	08:49	20:54	-0,4	00:21	....
2014	Set	3	(Qua)	07:07	20:04	05:35	06:40	20:31	21:37	08:53	20:53	-0,3	00:22	....
2014	Set	4	(Qui)	07:08	20:03	05:36	06:41	20:30	21:35	08:56	20:52	-0,3	00:22	....
2014	Set	5	(Sex)	07:09	20:01	05:37	06:42	20:28	21:33	09:00	20:50	-0,3	00:22	....
2014	Set	6	(Sáb)	07:10	19:59	05:38	06:43	20:26	21:31	09:03	20:49	-0,2	00:23	....
2014	Set	7	(Dom)	07:11	19:58	05:39	06:44	20:25	21:29	09:06	20:48	-0,2	00:23	....
2014	Set	8	(Seg)	07:12	19:56	05:40	06:45	20:23	21:28	09:10	20:47	-0,2	00:24	....
2014	Set	9	(Ter)	07:13	19:55	05:41	06:46	20:22	21:26	09:13	20:46	-0,2	00:24	....
2014	Set	10	(Qua)	07:14	19:53	05:42	06:47	20:20	21:24	09:16	20:44	-0,1	00:24	....
2014	Set	11	(Qui)	07:15	19:52	05:44	06:48	20:18	21:22	09:18	20:43	-0,1	00:25	....
2014	Set	12	(Sex)	07:15	19:50	05:45	06:49	20:17	21:21	09:21	20:41	-0,1	00:24	....
2014	Set	13	(Sáb)	07:16	19:48	05:46	06:50	20:15	21:19	09:24	20:40	-0,1	00:25	....
2014	Set	14	(Dom)	07:17	19:47	05:47	06:50	20:13	21:17	09:26	20:38	-0,1	00:25	....
2014	Set	15	(Seg)	07:18	19:45	05:48	06:51	20:12	21:15	09:29	20:37	0,0	00:25	....
2014	Set	16	(Ter)	07:19	19:44	05:49	06:52	20:10	21:13	09:31	20:35	0,0	00:25	....
2014	Set	17	(Qua)	07:20	19:42	05:50	06:53	20:09	21:12	09:33	20:34	0,0	00:25	....
2014	Set	18	(Qui)	07:21	19:40	05:51	06:54	20:07	21:10	09:35	20:32	0,0	00:25	....
2014	Set	19	(Sex)	07:22	19:39	05:52	06:55	20:05	21:08	09:36	20:30	0,0	00:25	....
2014	Set	20	(Sáb)	07:22	19:37	05:53	06:56	20:04	21:06	09:38	20:28	0,0	00:24	....
2014	Set	21	(Dom)	07:23	19:36	05:54	06:57	20:02	21:05	09:39	20:26	0,1	00:24	....
2014	Set	22	(Seg)	07:24	19:34	05:55	06:58	20:01	21:03	09:41	20:24	0,1	00:23	....
2014	Set	23	(Ter)	07:25	19:32	05:56	06:59	19:59	21:01	09:41	20:22	0,1	00:23	....
2014	Set	24	(Qua)	07:26	19:31	05:57	07:00	19:57	21:00	09:42	20:20	0,1	00:23	....
2014	Set	25	(Qui)	07:27	19:29	05:58	07:00	19:56	20:58	09:43	20:17	0,1	00:21	....
2014	Set	26	(Sex)	07:28	19:28	05:59	07:01	19:54	20:56	09:43	20:15	0,2	00:21	....
2014	Set	27	(Sáb)	07:29	19:26	06:00	07:02	19:53	20:55	09:42	20:12	0,2	00:19	....
2014	Set	28	(Dom)	07:30	19:25	06:01	07:03	19:51	20:53	09:42	20:10	0,2	00:19	....
2014	Set	29	(Seg)	07:31	19:23	06:02	07:04	19:49	20:51	09:41	20:07	0,3	00:18	....

DATA				SOL		CREPÚSCULOS				MERCÚRIO				
Ano	Mês	Dia	Dia da semana	Nascimento	Ocaso	Aurora	Dia claro	Escurecer	Noite fechada	Nascimento	Ocaso	Magnitude	Visibilidade ao anoitecer	Visibilidade ao amanhecer
				h:min	h:min	h:min	h:min	h:min	h:min	h:min	h:min	°	h:min	h:min
2014	Set	30	(Ter)	07:32	19:21	06:03	07:05	19:48	20:50	09:40	20:04	0,3	00:16	....
2014	Out	1	(Qua)	07:32	19:20	06:04	07:06	19:46	20:48	09:38	20:01	0,3	00:15	....
2014	Out	2	(Qui)	07:33	19:18	06:05	07:07	19:45	20:46	09:35	19:57	0,4	00:12	....
2014	Out	3	(Sex)	07:34	19:17	06:06	07:08	19:43	20:45	09:33	19:54	0,4	00:11	....
2014	Out	4	(Sáb)	07:35	19:15	06:07	07:09	19:42	20:43	09:29	19:50	0,5	00:08	....
2014	Out	5	(Dom)	07:36	19:14	06:08	07:10	19:40	20:42	09:25	19:46	0,6	00:06	....
2014	Out	6	(Seg)	07:37	19:12	06:09	07:11	19:39	20:40	09:20	19:42	0,7	00:03	....
2014	Out	7	(Ter)	07:38	19:11	06:10	07:11	19:37	20:39	09:15	19:37	----	....	....
2014	Out	8	(Qua)	07:39	19:09	06:11	07:12	19:36	20:37	09:09	19:33	----	....	....
2014	Out	9	(Qui)	07:40	19:08	06:12	07:13	19:34	20:36	09:02	19:28	----	....	....
2014	Out	10	(Sex)	07:41	19:06	06:13	07:14	19:33	20:34	08:54	19:23	----	....	....
2014	Out	11	(Sáb)	07:42	19:05	06:14	07:15	19:31	20:33	08:46	19:17	----	....	....
2014	Out	12	(Dom)	07:43	19:03	06:15	07:16	19:30	20:31	08:37	19:12	----	....	....
2014	Out	13	(Seg)	07:44	19:02	06:15	07:17	19:28	20:30	08:28	19:06	----	....	....
2014	Out	14	(Ter)	07:45	19:00	06:16	07:18	19:27	20:28	08:18	19:01	----	....	....
2014	Out	15	(Qua)	07:46	18:59	06:17	07:19	19:25	20:27	08:08	18:55	----	....	....
2014	Out	16	(Qui)	07:47	18:57	06:18	07:20	19:24	20:26	07:57	18:50	----	....	....
2014	Out	17	(Sex)	07:48	18:56	06:19	07:21	19:23	20:24	07:47	18:44	----	....	....
2014	Out	18	(Sáb)	07:49	18:54	06:20	07:22	19:21	20:23	07:36	18:39	----	....	....
2014	Out	19	(Dom)	07:50	18:53	06:21	07:23	19:20	20:22	07:26	18:34	----	....	....
2014	Out	20	(Seg)	07:51	18:52	06:22	07:24	19:19	20:20	07:17	18:29	2,5	....	00:07
2014	Out	21	(Ter)	07:52	18:50	06:23	07:25	19:17	20:19	07:08	18:25	1,9	....	00:17
2014	Out	22	(Qua)	07:53	18:49	06:24	07:26	19:16	20:18	07:00	18:20	1,4	....	00:26
2014	Out	23	(Qui)	07:54	18:48	06:25	07:27	19:15	20:17	06:53	18:17	1,0	....	00:34
2014	Out	24	(Sex)	07:55	18:46	06:26	07:28	19:14	20:15	06:46	18:13	0,8	....	00:42
2014	Out	25	(Sáb)	07:56	18:45	06:27	07:29	19:12	20:14	06:41	18:10	0,5	....	00:48
2014	Out	26	(Dom)	06:57	17:44	05:28	06:30	18:11	19:13	05:37	17:07	0,3	....	00:53
2014	Out	27	(Seg)	06:58	17:43	05:29	06:31	18:10	19:12	05:33	17:05	0,1	....	00:58
2014	Out	28	(Ter)	06:59	17:41	05:30	06:32	18:09	19:11	05:31	17:02	-0,1	....	01:01
2014	Out	29	(Qua)	07:00	17:40	05:31	06:33	18:08	19:10	05:29	17:00	-0,2	....	01:04
2014	Out	30	(Qui)	07:01	17:39	05:32	06:34	18:06	19:09	05:29	16:59	-0,3	....	01:05
2014	Out	31	(Sex)	07:02	17:38	05:33	06:35	18:05	19:08	05:28	16:57	-0,5	....	01:07
2014	Nov	1	(Sáb)	07:03	17:37	05:34	06:36	18:04	19:07	05:29	16:56	-0,5	....	01:07
2014	Nov	2	(Dom)	07:05	17:36	05:34	06:37	18:03	19:06	05:30	16:55	-0,6	....	01:07
2014	Nov	3	(Seg)	07:06	17:35	05:35	06:38	18:02	19:05	05:32	16:54	-0,7	....	01:06

DATA				SOL		CREPÚSCULOS				MERCÚRIO				
Ano	Mês	Dia	Dia da semana	Nascimento	Ocaso	Aurora	Dia claro	Escurecer	Noite fechada	Nascimento	Ocaso	Magnitude	Visibilidade ao anoitecer	Visibilidade ao amanhecer
				h:min	h:min	h:min	h:min	h:min	h:min	h:min	h:min	°	h:min	h:min
2014	Nov	4	(Ter)	07:07	17:34	05:36	06:39	18:01	19:04	05:34	16:53	-0,8	....	01:05
2014	Nov	5	(Qua)	07:08	17:32	05:37	06:40	18:00	19:03	05:36	16:53	-0,8	....	01:04
2014	Nov	6	(Qui)	07:09	17:31	05:38	06:41	17:59	19:02	05:39	16:52	-0,8	....	01:02
2014	Nov	7	(Sex)	07:10	17:30	05:39	06:42	17:58	19:01	05:42	16:51	-0,9	....	01:00
2014	Nov	8	(Sáb)	07:11	17:29	05:40	06:43	17:57	19:00	05:45	16:51	-0,9	....	00:58
2014	Nov	9	(Dom)	07:12	17:29	05:41	06:44	17:57	19:00	05:48	16:51	-0,9	....	00:56
2014	Nov	10	(Seg)	07:13	17:28	05:42	06:45	17:56	18:59	05:52	16:50	-1,0	....	00:53
2014	Nov	11	(Ter)	07:14	17:27	05:43	06:46	17:55	18:58	05:55	16:50	-1,0	....	00:51
2014	Nov	12	(Qua)	07:15	17:26	05:44	06:47	17:54	18:57	05:59	16:50	-1,0	....	00:48
2014	Nov	13	(Qui)	07:17	17:25	05:45	06:48	17:53	18:57	06:03	16:50	-1,0	....	00:45
2014	Nov	14	(Sex)	07:18	17:24	05:46	06:49	17:53	18:56	06:07	16:50	-1,0	....	00:42
2014	Nov	15	(Sáb)	07:19	17:23	05:47	06:50	17:52	18:55	06:11	16:50	-1,0	....	00:39
2014	Nov	16	(Dom)	07:20	17:23	05:48	06:51	17:51	18:55	06:15	16:50	-1,0	....	00:36
2014	Nov	17	(Seg)	07:21	17:22	05:49	06:52	17:51	18:54	06:20	16:50	-1,0	....	00:32
2014	Nov	18	(Ter)	07:22	17:21	05:50	06:53	17:50	18:54	06:24	16:50	-1,0	....	00:29
2014	Nov	19	(Qua)	07:23	17:21	05:51	06:55	17:49	18:53	06:28	16:51	-1,0	....	00:27
2014	Nov	20	(Qui)	07:24	17:20	05:51	06:56	17:49	18:53	06:32	16:51	-1,0	....	00:24
2014	Nov	21	(Sex)	07:25	17:20	05:52	06:57	17:48	18:52	06:36	16:51	-1,0	....	00:21
2014	Nov	22	(Sáb)	07:26	17:19	05:53	06:58	17:48	18:52	06:41	16:52	-1,0	....	00:17
2014	Nov	23	(Dom)	07:27	17:18	05:54	06:59	17:47	18:52	06:45	16:52	-1,0	....	00:14
2014	Nov	24	(Seg)	07:28	17:18	05:55	07:00	17:47	18:51	06:49	16:53	-1,0	....	00:11
2014	Nov	25	(Ter)	07:30	17:18	05:56	07:01	17:47	18:51	06:54	16:54	-1,0	....	00:07
2014	Nov	26	(Qua)	07:31	17:17	05:57	07:02	17:46	18:51	06:58	16:54	-1,0	....	00:04
2014	Nov	27	(Qui)	07:32	17:17	05:58	07:02	17:46	18:51	07:02	16:55	-1,0	....	....
2014	Nov	28	(Sex)	07:33	17:16	05:59	07:03	17:46	18:50	07:06	16:56	-1,1	....	....
2014	Nov	29	(Sáb)	07:34	17:16	06:00	07:04	17:45	18:50	07:10	16:57	-1,1	....	....
2014	Nov	30	(Dom)	07:35	17:16	06:00	07:05	17:45	18:50	07:15	16:58	-1,1	....	....
2014	Dez	1	(Seg)	07:36	17:16	06:01	07:06	17:45	18:50	07:19	16:59	-1,1	....	....
2014	Dez	2	(Ter)	07:37	17:15	06:02	07:07	17:45	18:50	07:23	17:00	-1,1	....	....
2014	Dez	3	(Qua)	07:38	17:15	06:03	07:08	17:45	18:50	07:27	17:01	-1,1	....	....
2014	Dez	4	(Qui)	07:38	17:15	06:04	07:09	17:45	18:50	07:31	17:03	-1,1	....	....
2014	Dez	5	(Sex)	07:39	17:15	06:05	07:10	17:45	18:50	07:35	17:04	-1,1	....	....
2014	Dez	6	(Sáb)	07:40	17:15	06:05	07:11	17:45	18:50	07:39	17:06	-1,2	....	....
2014	Dez	7	(Dom)	07:41	17:15	06:06	07:12	17:45	18:50	07:43	17:08	----	....	....
2014	Dez	8	(Seg)	07:42	17:15	06:07	07:12	17:45	18:50	07:47	17:09	----	....	....

DATA				SOL		CREPÚSCULOS				MERCÚRIO				
Ano	Mês	Dia	Dia da semana	Nascimento	Ocaso	Aurora	Dia claro	Escurecer	Noite fechada	Nascimento	Ocaso	Magnitude	Visibilidade ao anoitecer	Visibilidade ao amanhecer
				h:min	h:min	h:min	h:min	h:min	h:min	h:min	h:min	°	h:min	h:min
2014	Dez	9	(Ter)	07:43	17:15	06:08	07:13	17:45	18:50	07:51	17:11	----	....	....
2014	Dez	10	(Qua)	07:44	17:15	06:08	07:14	17:45	18:50	07:55	17:13	-1,2	....	....
2014	Dez	11	(Qui)	07:44	17:15	06:09	07:15	17:45	18:51	07:59	17:15	-1,1	....	....
2014	Dez	12	(Sex)	07:45	17:15	06:10	07:15	17:45	18:51	08:02	17:18	-1,1	....	....
2014	Dez	13	(Sáb)	07:46	17:16	06:11	07:16	17:45	18:51	08:06	17:20	-1,1	....	....
2014	Dez	14	(Dom)	07:47	17:16	06:11	07:17	17:46	18:51	08:09	17:22	-1,1	....	....
2014	Dez	15	(Seg)	07:47	17:16	06:12	07:18	17:46	18:52	08:13	17:25	-1,1	....	....
2014	Dez	16	(Ter)	07:48	17:16	06:12	07:18	17:46	18:52	08:16	17:28	-1,1	....	....
2014	Dez	17	(Qua)	07:49	17:17	06:13	07:19	17:47	18:52	08:20	17:30	-1,0	....	....
2014	Dez	18	(Qui)	07:49	17:17	06:14	07:19	17:47	18:53	08:23	17:33	-1,0	....	....
2014	Dez	19	(Sex)	07:50	17:18	06:14	07:20	17:48	18:53	08:26	17:36	-1,0	....	....
2014	Dez	20	(Sáb)	07:51	17:18	06:15	07:21	17:48	18:54	08:29	17:39	-1,0	....	....
2014	Dez	21	(Dom)	07:51	17:19	06:15	07:21	17:48	18:54	08:32	17:43	-1,0	....	....
2014	Dez	22	(Seg)	07:52	17:19	06:16	07:22	17:49	18:55	08:35	17:46	-1,0	....	....
2014	Dez	23	(Ter)	07:52	17:20	06:16	07:22	17:49	18:55	08:38	17:49	-1,0	....	....
2014	Dez	24	(Qua)	07:52	17:20	06:17	07:23	17:50	18:56	08:41	17:53	-1,0	00:03	....
2014	Dez	25	(Qui)	07:53	17:21	06:17	07:23	17:51	18:56	08:43	17:57	-1,0	00:06	....
2014	Dez	26	(Sex)	07:53	17:21	06:18	07:23	17:51	18:57	08:46	18:00	-1,0	00:09	....
2014	Dez	27	(Sáb)	07:54	17:22	06:18	07:24	17:52	18:58	08:48	18:04	-1,0	00:12	....
2014	Dez	28	(Dom)	07:54	17:23	06:18	07:24	17:53	18:58	08:50	18:08	-1,0	00:15	....
2014	Dez	29	(Seg)	07:54	17:23	06:19	07:24	17:53	18:59	08:52	18:12	-1,0	00:19	....
2014	Dez	30	(Ter)	07:54	17:24	06:19	07:25	17:54	19:00	08:54	18:16	-1,0	00:22	....
2014	Dez	31	(Qua)	07:55	17:25	06:19	07:25	17:55	19:00	08:56	18:20	-1,0	00:25	....