

**São Carlos - SP latitude: -22,0183 longitude: -47,8912**

Data	Sol Nascer	Sol Pôr	Lua Nascer	Lua Pôr	Lua Nascer	Lua Fase
01/01/2023	dom	05:32	18:58		01:22	14:36
02/01/2023	seg	05:32	18:59		01:59	15:31
03/01/2023	ter	05:33	18:59		02:39	16:26
04/01/2023	qua	05:34	18:59		03:22	17:22
05/01/2023	qui	05:34	18:59		04:09	18:15
06/01/2023	sex	05:35	19:00		05:00	19:06
07/01/2023	sáb	05:36	19:00		05:53	19:53
08/01/2023	dom	05:36	19:00		06:47	20:35
09/01/2023	seg	05:37	19:00		07:40	21:13
10/01/2023	ter	05:38	19:00		08:32	21:48
11/01/2023	qua	05:38	19:00		09:24	22:20
12/01/2023	qui	05:39	19:00		10:14	22:51
13/01/2023	sex	05:40	19:00		11:05	23:23
14/01/2023	sáb	05:40	19:01		11:56	23:56
15/01/2023	dom	05:41	19:01		12:51	Minguante
16/01/2023	seg	05:42	19:00	00:32	13:49	
17/01/2023	ter	05:43	19:00	01:13	14:51	
18/01/2023	qua	05:43	19:00	02:00	15:57	
19/01/2023	qui	05:44	19:00	02:56	17:05	
20/01/2023	sex	05:45	19:00	04:00	18:12	
21/01/2023	sáb	05:45	19:00	05:10	19:12	
22/01/2023	dom	05:46	19:00	06:21	20:06	Nova
23/01/2023	seg	05:47	19:00	07:31	20:52	
24/01/2023	ter	05:47	19:00	08:37	21:33	
25/01/2023	qua	05:48	18:59	09:39	22:11	
26/01/2023	qui	05:49	18:59	10:37	22:46	
27/01/2023	sex	05:50	18:59	11:34	23:22	
28/01/2023	sáb	05:50	18:58	12:30	23:59	Crescente
29/01/2023	dom	05:51	18:58	13:26		
30/01/2023	seg	05:52	18:58		00:37	14:22
31/01/2023	ter	05:52	18:58		01:20	15:17
01/02/2023	qua	05:53	18:57		02:06	16:11
02/02/2023	qui	05:54	18:57		02:55	17:03
03/02/2023	sex	05:54	18:56		03:48	17:50
04/02/2023	sáb	05:55	18:56		04:41	18:34
05/02/2023	dom	05:55	18:55		05:35	19:13
06/02/2023	seg	05:56	18:55		06:28	19:49
07/02/2023	ter	05:57	18:54		07:20	20:22
08/02/2023	qua	05:57	18:54		08:11	20:53
09/02/2023	qui	05:58	18:53		09:01	21:25
10/02/2023	sex	05:58	18:53		09:52	21:56
11/02/2023	sáb	05:59	18:52		10:44	22:31
12/02/2023	dom	06:00	18:52		11:40	23:08
13/02/2023	seg	06:00	18:51		12:38	23:51
14/02/2023	ter	06:01	18:50		13:41	
15/02/2023	qua	06:01	18:50	00:41	14:46	
16/02/2023	qui	06:02	18:49	01:39	15:51	
17/02/2023	sex	06:02	18:48	02:45	16:53	
18/02/2023	sáb	06:03	18:48	03:54	17:49	
19/02/2023	dom	06:03	18:47	05:05	18:39	
20/02/2023	seg	06:04	18:46	06:13	19:23	Nova
21/02/2023	ter	06:04	18:46	07:18	20:03	
22/02/2023	qua	06:05	18:45	08:20	20:40	
23/02/2023	qui	06:05	18:44	09:20	21:17	

**São Carlos - SP latitude: -22,0183 longitude: -47,8912**

<b>Data</b>		<b>Sol Nascer</b>	<b>Sol Pôr</b>	<b>Lua Nascer</b>	<b>Lua Pôr</b>	<b>Lua Nascer</b>	<b>Lua Fase</b>
24/02/2023	sex	06:06	18:43	10:18	21:54		
25/02/2023	sáb	06:06	18:43	11:16	22:33		
26/02/2023	dom	06:07	18:42	12:13	23:15		
27/02/2023	seg	06:07	18:41	13:10			Crescente
28/02/2023	ter	06:08	18:40		00:01	14:06	
01/03/2023	qua	06:08	18:39		00:50	14:58	
02/03/2023	qui	06:09	18:39		01:42	15:47	
03/03/2023	sex	06:09	18:38		02:35	16:32	
04/03/2023	sáb	06:09	18:37		03:29	17:13	
05/03/2023	dom	06:10	18:36		04:22	17:49	
06/03/2023	seg	06:10	18:35		05:15	18:23	
07/03/2023	ter	06:11	18:34		06:06	18:55	Cheia
08/03/2023	qua	06:11	18:33		06:57	19:27	
09/03/2023	qui	06:11	18:32		07:48	19:59	
10/03/2023	sex	06:12	18:32		08:41	20:32	
11/03/2023	sáb	06:12	18:31		09:35	21:08	
12/03/2023	dom	06:13	18:30		10:33	21:49	
13/03/2023	seg	06:13	18:29		11:33	22:36	
14/03/2023	ter	06:13	18:28		12:36	23:30	
15/03/2023	qua	06:14	18:27		13:40		Minguante
16/03/2023	qui	06:14	18:26	00:30	14:41		
17/03/2023	sex	06:14	18:25	01:36	15:37		
18/03/2023	sáb	06:15	18:24	02:44	16:28		
19/03/2023	dom	06:15	18:23	03:52	17:13		
20/03/2023	seg	06:15	18:22	04:57	17:54		
21/03/2023	ter	06:16	18:21	06:00	18:32		
22/03/2023	qua	06:16	18:20	07:01	19:09		Nova
23/03/2023	qui	06:16	18:20	08:00	19:47		
24/03/2023	sex	06:17	18:19	09:00	20:26		
25/03/2023	sáb	06:17	18:18	09:59	21:08		
26/03/2023	dom	06:17	18:17	10:58	21:53		
27/03/2023	seg	06:18	18:16	11:56	22:42		
28/03/2023	ter	06:18	18:15	12:51	23:33		Crescente
29/03/2023	qua	06:18	18:14	13:42			
30/03/2023	qui	06:19	18:13		00:27	14:29	
31/03/2023	sex	06:19	18:12		01:21	15:11	
01/04/2023	sáb	06:19	18:11		02:15	15:49	
02/04/2023	dom	06:20	18:10		03:07	16:23	
03/04/2023	seg	06:20	18:09		03:59	16:56	
04/04/2023	ter	06:20	18:08		04:50	17:28	
05/04/2023	qua	06:21	18:08		05:42	17:59	
06/04/2023	qui	06:21	18:07		06:34	18:32	Cheia
07/04/2023	sex	06:21	18:06		07:29	19:08	
08/04/2023	sáb	06:22	18:05		08:26	19:48	
09/04/2023	dom	06:22	18:04		09:27	20:33	
10/04/2023	seg	06:22	18:03		10:30	21:25	
11/04/2023	ter	06:23	18:02		11:34	22:23	
12/04/2023	qua	06:23	18:01		12:35	23:27	
13/04/2023	qui	06:23	18:00		13:32		Minguante
14/04/2023	sex	06:24	18:00	00:33	14:23		
15/04/2023	sáb	06:24	17:59	01:39	15:09		
16/04/2023	dom	06:24	17:58	02:43	15:50		
17/04/2023	seg	06:25	17:57	03:45	16:28		
18/04/2023	ter	06:25	17:56	04:45	17:04		

**São Carlos - SP latitude: -22,0183 longitude: -47,8912**

Data		Sol Nascer	Sol Pôr	Lua Nascer	Lua Pôr	Lua Nascer	Lua Fase
19/04/2023	qua	06:26	17:56	05:44	17:41		
20/04/2023	qui	06:26	17:55	06:43	18:19		Nova
21/04/2023	sex	06:26	17:54	07:43	18:59		
22/04/2023	sáb	06:27	17:53	08:43	19:43		
23/04/2023	dom	06:27	17:52	09:42	20:31		
24/04/2023	seg	06:27	17:52	10:40	21:23		
25/04/2023	ter	06:28	17:51	11:33	22:16		
26/04/2023	qua	06:28	17:50	12:22	23:11		
27/04/2023	qui	06:29	17:50	13:06			Crescente
28/04/2023	sex	06:29	17:49		00:05	13:46	
29/04/2023	sáb	06:29	17:48		00:58	14:22	
30/04/2023	dom	06:30	17:48		01:50	14:55	
01/05/2023	seg	06:30	17:47		02:41	15:27	
02/05/2023	ter	06:31	17:46		03:32	15:58	
03/05/2023	qua	06:31	17:46		04:24	16:31	
04/05/2023	qui	06:31	17:45		05:18	17:05	
05/05/2023	sex	06:32	17:45		06:15	17:44	Cheia
06/05/2023	sáb	06:32	17:44		07:16	18:28	
07/05/2023	dom	06:33	17:43		08:20	19:19	
08/05/2023	seg	06:33	17:43		09:25	20:16	
09/05/2023	ter	06:33	17:42		10:29	21:20	
10/05/2023	qua	06:34	17:42		11:28	22:26	
11/05/2023	qui	06:34	17:41		12:21	23:32	
12/05/2023	sex	06:35	17:41		13:08		Minguante
13/05/2023	sáb	06:35	17:40	00:36	13:50		
14/05/2023	dom	06:36	17:40	01:37	14:27		
15/05/2023	seg	06:36	17:40	02:36	15:03		
16/05/2023	ter	06:36	17:39	03:34	15:39		
17/05/2023	qua	06:37	17:39	04:31	16:15		
18/05/2023	qui	06:37	17:38	05:30	16:54		
19/05/2023	sex	06:38	17:38	06:29	17:36		
20/05/2023	sáb	06:38	17:38	07:28	18:22		Nova
21/05/2023	dom	06:39	17:38	08:27	19:12		
22/05/2023	seg	06:39	17:37	09:23	20:06		
23/05/2023	ter	06:40	17:37	10:14	21:01		
24/05/2023	qua	06:40	17:37	11:01	21:55		
25/05/2023	qui	06:40	17:36	11:42	22:49		
26/05/2023	sex	06:41	17:36	12:19	23:41		
27/05/2023	sáb	06:41	17:36	12:53			Crescente
28/05/2023	dom	06:42	17:36		00:32	13:25	
29/05/2023	seg	06:42	17:36		01:22	13:56	
30/05/2023	ter	06:43	17:36		02:13	14:28	
31/05/2023	qua	06:43	17:35		03:06	15:01	
01/06/2023	qui	06:43	17:35		04:01	15:38	
02/06/2023	sex	06:44	17:35		05:00	16:19	
03/06/2023	sáb	06:44	17:35		06:03	17:08	
04/06/2023	dom	06:45	17:35		07:09	18:04	Cheia
05/06/2023	seg	06:45	17:35		08:16	19:07	
06/06/2023	ter	06:45	17:35		09:19	20:14	
07/06/2023	qua	06:46	17:35		10:16	21:23	
08/06/2023	qui	06:46	17:35		11:06	22:29	
09/06/2023	sex	06:46	17:35		11:50	23:32	
10/06/2023	sáb	06:47	17:35		12:29		Minguante
11/06/2023	dom	06:47	17:35	00:31	13:05		

**São Carlos - SP latitude: -22,0183 longitude: -47,8912**

Data		Sol Nascer	Sol Pôr	Lua Nascer	Lua Pôr	Lua Nascer	Lua Fase
12/06/2023	seg	06:47	17:35	01:29	13:40		
13/06/2023	ter	06:48	17:35	02:26	14:15		
14/06/2023	qua	06:48	17:36	03:23	14:53		
15/06/2023	qui	06:48	17:36	04:20	15:33		
16/06/2023	sex	06:49	17:36	05:19	16:17		
17/06/2023	sáb	06:49	17:36	06:17	17:05		
18/06/2023	dom	06:49	17:36	07:14	17:57		Nova
19/06/2023	seg	06:49	17:36	08:07	18:52		
20/06/2023	ter	06:50	17:37	08:56	19:47		
21/06/2023	qua	06:50	17:37	09:39	20:41		
22/06/2023	qui	06:50	17:37	10:17	21:34		
23/06/2023	sex	06:50	17:37	10:52	22:25		
24/06/2023	sáb	06:51	17:37	11:24	23:14		
25/06/2023	dom	06:51	17:38	11:55			
26/06/2023	seg	06:51	17:38		00:04	12:26	Crescente
27/06/2023	ter	06:51	17:38		00:55	12:57	
28/06/2023	qua	06:51	17:39		01:47	13:32	
29/06/2023	qui	06:51	17:39		02:43	14:10	
30/06/2023	sex	06:51	17:39		03:44	14:55	
01/07/2023	sáb	06:51	17:40		04:48	15:47	
02/07/2023	dom	06:51	17:40		05:55	16:48	
03/07/2023	seg	06:51	17:40		07:01	17:55	Cheia
04/07/2023	ter	06:52	17:41		08:03	19:05	
05/07/2023	qua	06:52	17:41		08:57	20:15	
06/07/2023	qui	06:52	17:41		09:45	21:21	
07/07/2023	sex	06:51	17:42		10:27	22:24	
08/07/2023	sáb	06:51	17:42		11:05	23:23	
09/07/2023	dom	06:51	17:42		11:41		
10/07/2023	seg	06:51	17:43	00:21	12:17		Minguante
11/07/2023	ter	06:51	17:43	01:18	12:53		
12/07/2023	qua	06:51	17:44	02:16	13:32		
13/07/2023	qui	06:51	17:44	03:13	14:15		
14/07/2023	sex	06:51	17:44	04:11	15:01		
15/07/2023	sáb	06:51	17:45	05:08	15:52		
16/07/2023	dom	06:50	17:45	06:02	16:45		
17/07/2023	seg	06:50	17:45	06:52	17:40		
18/07/2023	ter	06:50	17:46	07:36	18:35		Nova
19/07/2023	qua	06:50	17:46	08:16	19:28		
20/07/2023	qui	06:49	17:47	08:52	20:19		
21/07/2023	sex	06:49	17:47	09:25	21:09		
22/07/2023	sáb	06:49	17:48	09:56	21:59		
23/07/2023	dom	06:48	17:48	10:26	22:48		
24/07/2023	seg	06:48	17:48	10:57	23:39		
25/07/2023	ter	06:48	17:49	11:29			Crescente
26/07/2023	qua	06:47	17:49		00:32	12:04	
27/07/2023	qui	06:47	17:50		01:29	12:45	
28/07/2023	sex	06:46	17:50		02:30	13:32	
29/07/2023	sáb	06:46	17:50		03:34	14:28	
30/07/2023	dom	06:46	17:51		04:40	15:31	
31/07/2023	seg	06:45	17:51		05:44	16:41	
01/08/2023	ter	06:45	17:51		06:42	17:52	Cheia
02/08/2023	qua	06:44	17:52		07:34	19:02	
03/08/2023	qui	06:44	17:52		08:20	20:08	
04/08/2023	sex	06:43	17:53		09:00	21:11	

**São Carlos - SP latitude: -22,0183 longitude: -47,8912**

<b>Data</b>	<b>Sol Nascer</b>	<b>Sol Pôr</b>	<b>Lua Nascer</b>	<b>Lua Pôr</b>	<b>Lua Nascer</b>	<b>Lua Fase</b>	
05/08/2023	sáb	06:42	17:53		09:38	22:12	
06/08/2023	dom	06:42	17:53		10:15	23:11	
07/08/2023	seg	06:41	17:54		10:52		
08/08/2023	ter	06:41	17:54	00:09	11:31	Minguante	
09/08/2023	qua	06:40	17:54	01:08	12:13		
10/08/2023	qui	06:39	17:55	02:07	12:59		
11/08/2023	sex	06:39	17:55	03:04	13:48		
12/08/2023	sáb	06:38	17:56	03:59	14:41		
13/08/2023	dom	06:37	17:56	04:49	15:35		
14/08/2023	seg	06:37	17:56	05:35	16:30		
15/08/2023	ter	06:36	17:57	06:16	17:23		
16/08/2023	qua	06:35	17:57	06:53	18:15	Nova	
17/08/2023	qui	06:34	17:57	07:27	19:06		
18/08/2023	sex	06:34	17:58	07:58	19:55		
19/08/2023	sáb	06:33	17:58	08:28	20:44		
20/08/2023	dom	06:32	17:58	08:58	21:34		
21/08/2023	seg	06:31	17:58	09:29	22:26		
22/08/2023	ter	06:30	17:59	10:03	23:20		
23/08/2023	qua	06:30	17:59	10:41			
24/08/2023	qui	06:29	17:59		00:18	11:24	Crescente
25/08/2023	sex	06:28	18:00		01:19	12:14	
26/08/2023	sáb	06:27	18:00		02:23	13:12	
27/08/2023	dom	06:26	18:00		03:26	14:18	
28/08/2023	seg	06:25	18:01		04:25	15:27	
29/08/2023	ter	06:24	18:01		05:20	16:37	
30/08/2023	qua	06:24	18:01		06:08	17:46	
31/08/2023	qui	06:23	18:01		06:51	18:51	Cheia
01/09/2023	sex	06:22	18:02		07:31	19:55	
02/09/2023	sáb	06:21	18:02		08:09	20:56	
03/09/2023	dom	06:20	18:02		08:47	21:57	
04/09/2023	seg	06:19	18:03		09:27	22:58	
05/09/2023	ter	06:18	18:03		10:09	23:58	
06/09/2023	qua	06:17	18:03		10:54		Minguante
07/09/2023	qui	06:16	18:03	00:57	11:43		
08/09/2023	sex	06:15	18:04	01:54	12:35		
09/09/2023	sáb	06:14	18:04	02:46	13:30		
10/09/2023	dom	06:13	18:04	03:34	14:25		
11/09/2023	seg	06:12	18:04	04:16	15:19		
12/09/2023	ter	06:11	18:05	04:54	16:11		
13/09/2023	qua	06:10	18:05	05:29	17:02		
14/09/2023	qui	06:09	18:05	06:01	17:52		
15/09/2023	sex	06:08	18:06	06:31	18:41		Nova
16/09/2023	sáb	06:08	18:06	07:01	19:31		
17/09/2023	dom	06:07	18:06	07:32	20:22		
18/09/2023	seg	06:06	18:06	08:04	21:15		
19/09/2023	ter	06:05	18:07	08:40	22:12		
20/09/2023	qua	06:04	18:07	09:21	23:11		
21/09/2023	qui	06:03	18:07	10:08			
22/09/2023	sex	06:02	18:07		00:13	11:02	Crescente
23/09/2023	sáb	06:01	18:08		01:14	12:03	
24/09/2023	dom	06:00	18:08		02:13	13:08	
25/09/2023	seg	05:59	18:08		03:08	14:16	
26/09/2023	ter	05:58	18:09		03:57	15:24	
27/09/2023	qua	05:57	18:09		04:42	16:29	

**São Carlos - SP latitude: -22,0183 longitude: -47,8912**

Data		Sol Nascer	Sol Pôr	Lua Nascer	Lua Pôr	Lua Nascer	Lua Fase
28/09/2023	qui	05:56	18:09		05:22	17:33	
29/09/2023	sex	05:55	18:09		06:01	18:36	Cheia
30/09/2023	sáb	05:54	18:10		06:39	19:38	
01/10/2023	dom	05:53	18:10		07:19	20:41	
02/10/2023	seg	05:52	18:10		08:00	21:43	
03/10/2023	ter	05:51	18:11		08:45	22:45	
04/10/2023	qua	05:50	18:11		09:34	23:44	
05/10/2023	qui	05:49	18:11		10:27		
06/10/2023	sex	05:48	18:12	00:40	11:22		Minguante
07/10/2023	sáb	05:47	18:12	01:30	12:17		
08/10/2023	dom	05:46	18:12	02:14	13:12		
09/10/2023	seg	05:45	18:13	02:54	14:05		
10/10/2023	ter	05:44	18:13	03:30	14:57		
11/10/2023	qua	05:44	18:13	04:02	15:47		
12/10/2023	qui	05:43	18:14	04:33	16:36		
13/10/2023	sex	05:42	18:14	05:03	17:26		
14/10/2023	sáb	05:41	18:14	05:34	18:17		
15/10/2023	dom	05:40	18:15	06:06	19:11		Nova
16/10/2023	seg	05:39	18:15	06:41	20:07		
17/10/2023	ter	05:38	18:16	07:21	21:06		
18/10/2023	qua	05:38	18:16	08:06	22:07		
19/10/2023	qui	05:37	18:16	08:57	23:08		
20/10/2023	sex	05:36	18:17	09:55			
21/10/2023	sáb	05:35	18:17		00:07	10:58	
22/10/2023	dom	05:35	18:18		01:02	12:04	Crescente
23/10/2023	seg	05:34	18:18		01:52	13:09	
24/10/2023	ter	05:33	18:19		02:36	14:13	
25/10/2023	qua	05:32	18:19		03:17	15:16	
26/10/2023	qui	05:32	18:20		03:55	16:17	
27/10/2023	sex	05:31	18:20		04:32	17:19	
28/10/2023	sáb	05:30	18:21		05:10	18:21	Cheia
29/10/2023	dom	05:30	18:21		05:51	19:24	
30/10/2023	seg	05:29	18:22		06:34	20:27	
31/10/2023	ter	05:28	18:22		07:22	21:29	
01/11/2023	qua	05:28	18:23		08:14	22:28	
02/11/2023	qui	05:27	18:23		09:10	23:21	
03/11/2023	sex	05:27	18:24		10:06		
04/11/2023	sáb	05:26	18:24	00:09	11:02		
05/11/2023	dom	05:26	18:25	00:51	11:57		Minguante
06/11/2023	seg	05:25	18:26	01:28	12:49		
07/11/2023	ter	05:25	18:26	02:02	13:39		
08/11/2023	qua	05:24	18:27	02:33	14:29		
09/11/2023	qui	05:24	18:27	03:03	15:19		
10/11/2023	sex	05:23	18:28	03:34	16:09		
11/11/2023	sáb	05:23	18:29	04:05	17:02		
12/11/2023	dom	05:22	18:29	04:40	17:57		
13/11/2023	seg	05:22	18:30	05:18	18:56		Nova
14/11/2023	ter	05:22	18:30	06:02	19:58		
15/11/2023	qua	05:21	18:31	06:52	21:01		
16/11/2023	qui	05:21	18:32	07:49	22:02		
17/11/2023	sex	05:21	18:32	08:52	22:59		
18/11/2023	sáb	05:21	18:33	09:57	23:50		
19/11/2023	dom	05:20	18:34	11:02			
20/11/2023	seg	05:20	18:34		00:35	12:05	Crescente

São Carlos - SP latitude: -22,0183 longitude: -47,8912							
Data		Sol Nascer	Sol Pôr	Lua Nascer	Lua Pôr	Lua Nascer	Lua Fase
21/11/2023	ter	05:20	18:35		01:16	13:07	
22/11/2023	qua	05:20	18:36		01:53	14:06	
23/11/2023	qui	05:20	18:36		02:29	15:06	
24/11/2023	sex	05:20	18:37		03:06	16:05	
25/11/2023	sáb	05:20	18:38		03:44	17:07	
26/11/2023	dom	05:19	18:38		04:25	18:09	
27/11/2023	seg	05:19	18:39		05:11	19:12	Cheia
28/11/2023	ter	05:19	18:40		06:01	20:13	
29/11/2023	qua	05:19	18:40		06:56	21:09	
30/11/2023	qui	05:19	18:41		07:53	22:00	
01/12/2023	sex	05:20	18:42		08:50	22:45	
02/12/2023	sáb	05:20	18:42		09:46	23:25	
03/12/2023	dom	05:20	18:43		10:39		
04/12/2023	seg	05:20	18:44	00:00	11:31		
05/12/2023	ter	05:20	18:44	00:32	12:20		Minguante
06/12/2023	qua	05:20	18:45	01:02	13:09		
07/12/2023	qui	05:20	18:46	01:32	13:59		
08/12/2023	sex	05:21	18:46	02:03	14:50		
09/12/2023	sáb	05:21	18:47	02:36	15:44		
10/12/2023	dom	05:21	18:48	03:12	16:42		
11/12/2023	seg	05:21	18:48	03:54	17:43		
12/12/2023	ter	05:22	18:49	04:42	18:47		
13/12/2023	qua	05:22	18:49	05:38	19:51		Nova
14/12/2023	qui	05:22	18:50	06:40	20:51		
15/12/2023	sex	05:23	18:51	07:47	21:45		
16/12/2023	sáb	05:23	18:51	08:54	22:33		
17/12/2023	dom	05:23	18:52	09:59	23:16		
18/12/2023	seg	05:24	18:52	11:01	23:54		
19/12/2023	ter	05:24	18:53	12:01			Crescente
20/12/2023	qua	05:25	18:53		00:30	13:00	
21/12/2023	qui	05:25	18:54		01:06	13:58	
22/12/2023	sex	05:26	18:54		01:43	14:57	
23/12/2023	sáb	05:26	18:55		02:22	15:58	
24/12/2023	dom	05:27	18:55		03:05	16:59	
25/12/2023	seg	05:27	18:56		03:53	18:00	
26/12/2023	ter	05:28	18:56		04:45	18:58	
27/12/2023	qua	05:28	18:57		05:41	19:51	Cheia
28/12/2023	qui	05:29	18:57		06:38	20:39	
29/12/2023	sex	05:30	18:57		07:35	21:21	
30/12/2023	sáb	05:30	18:58		08:30	21:58	
31/12/2023	dom	05:31	18:58		09:22		

O tempo de crepúsculo médio é 25 minutos (entre 23 e 26 dependendo da época)  
O céu fica claro 25 min antes do nascer do Sol, e escurece 25 min após o pôr do Sol

Revisão 1

Planilhado por pzn.com.br

Dados calculados com <https://sffjunkie.github.io/astral/>