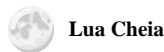
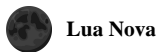


Dia	Janeiro	Hora	Altura (m)	Fase Lunar
1	Qua	4:30	0.54	
		11:30	3.2	
		17:30	0.32	
		23:50	3.4	
2	Qui	6:10	0.36	
		12:20	3.28	
		18:10	0.4	
3	Sex	0:40	3.54	
		7:00	0.35	
		13:10	3.32	
		19:00	0.44	
4	Sab	1:20	3.64	
		7:50	0.31	
		14:00	3.32	
		19:40	0.51	
5	Dom	2:00	3.65	
		8:40	0.25	
		14:50	3.29	
		20:30	0.52	
6	Seg	2:40	3.58	
		9:30	0.21	
		15:40	3.24	
		21:20	0.51	
7	Ter	3:30	3.43	
		10:10	0.21	
		16:30	3.15	
		22:20	0.46	
8	Qua	4:20	3.24	
		11:00	0.22	
		17:20	3.03	
		23:20	0.42	
9	Qui	5:20	3.03	
		11:50	0.27	
		18:10	2.89	
10	Sex	0:20	0.4	
		6:30	2.84	
		12:50	0.33	
		19:10	2.76	
11	Sab	1:20	0.41	
		7:30	2.73	
		13:50	0.39	
		20:10	2.67	
12	Dom	2:20	0.44	
		8:40	2.69	
		14:50	0.44	
		21:10	2.66	
13	Seg	3:30	0.45	
		9:40	2.72	
		15:50	0.46	
		22:10	2.72	
14	Ter	4:30	0.46	
		10:40	2.77	
		16:40	0.49	
		23:00	2.83	
15	Qua	5:20	0.49	
		11:30	2.83	
		17:20	0.54	
		23:50	2.97	
16	Qui	6:10	0.49	
		12:20	2.88	
		18:00	0.6	
17	Sex	0:20	3.11	
		7:00	0.46	
		13:00	2.94	
		18:40	0.63	
18	Sab	1:00	3.23	
		7:30	0.46	
		13:40	3.0	
		19:10	0.65	
19	Dom	1:30	3.34	
		8:00	0.42	
		14:10	3.09	
		19:50	0.6	
20	Seg	2:00	3.4	
		8:40	0.32	
		14:50	3.16	
		20:30	0.51	
21	Ter	2:30	3.41	
		9:10	0.23	
		15:20	3.23	
		21:10	0.39	
22	Qua	3:20	3.38	
		9:50	0.14	
		16:00	3.24	
		22:00	0.25	
23	Qui	4:10	3.3	
		10:30	0.09	
		16:40	3.2	
		22:50	0.16	
24	Sex	5:00	3.19	
		11:20	0.08	
		17:30	3.11	
		23:40	0.13	
25	Sab	6:00	3.07	
		12:10	0.11	
		18:20	3.0	
26	Dom	0:40	0.17	
		7:00	2.96	
		13:10	0.17	
		19:30	2.91	
27	Seg	1:40	0.27	
		8:00	2.89	
		14:10	0.24	
		20:30	2.9	
28	Ter	2:50	0.37	
		9:10	2.87	
		15:10	0.31	
		21:40	2.98	
29	Qua	4:00	0.41	
		10:10	2.92	
		16:10	0.37	
		22:40	3.13	
30	Qui	5:10	0.35	
		11:10	3.03	
		17:10	0.4	
		23:30	3.32	
31	Sex	6:10	0.26	
		12:10	3.15	
		18:00	0.44	

Dia	Fevereiro	Hora	Altura (m)	Fase Lunar
1	Sab	0:20	3.48	
		7:00	0.2	
		13:10	3.25	
		18:50	0.47	
2	Dom	1:10	3.58	
		7:40	0.19	
		14:00	3.34	
		19:40	0.46	
3	Seg	1:50	3.61	
		8:20	0.19	
		14:40	3.39	
		20:30	0.43	
4	Ter	2:30	3.56	
		9:00	0.22	
		15:20	3.38	
		21:20	0.38	
5	Qua	3:20	3.45	
		9:40	0.25	
		16:00	3.3	
		22:00	0.37	
6	Qui	4:10	3.29	
		10:30	0.28	
		16:40	3.14	
		22:50	0.35	
7	Sex	5:00	3.1	
		11:20	0.33	
		17:30	2.94	
		23:40	0.37	
8	Sab	6:00	2.89	
		12:10	0.39	
		18:20	2.73	
9	Dom	0:40	0.44	
		6:50	2.71	
		13:10	0.46	
		19:20	2.57	
10	Seg	1:40	0.54	
		8:00	2.57	
		14:10	0.52	
		20:30	2.5	
11	Ter	2:50	0.6	
		9:00	2.52	
		15:10	0.57	
		21:30	2.56	
12	Qua	4:00	0.58	
		10:10	2.55	
		16:00	0.6	
		22:30	2.7	
13	Qui	5:00	0.51	
		11:10	2.64	
		16:50	0.62	
		23:20	2.87	
14	Sex	5:50	0.44	
		12:00	2.77	
		17:30	0.65	
		23:50	3.05	
15	Sab	6:30	0.38	
		12:40	2.93	
		18:20	0.61	
		0:30	3.21	
16	Dom	7:00	0.36	
		13:20	3.08	
		18:50	0.59	
17	Seg	1:00	3.35	
		7:30	0.32	
		13:50	3.25	
		19:30	0.49	
18	Ter	1:40	3.45	
		8:00	0.27	
		14:20	3.4	
		20:10	0.36	
19	Qua	2:20	3.52	
		8:40	0.19	
		14:50	3.48	
		20:50	0.22	
20	Qui	3:00	3.53	
		9:10	0.14	
		15:20	3.48	
		21:30	0.12	
21	Sex	3:40	3.47	
		10:00	0.08	
		16:00	3.4	
		22:20	0.06	
22	Sab	4:30	3.35	
		10:50	0.07	
		16:50	3.25	
		23:10	0.09	
23	Dom	5:20	3.18	
		11:40	0.1	
		17:50	3.08	
24	Seg	0:10	0.19	
		6:20	2.98	
		12:40	0.18	
		18:50	2.94	
25	Ter	1:10	0.34	
		7:30	2.81	
		13:40	0.29	
		20:00	2.87	
26	Qua	2:30	0.43	
		8:40	2.72	
		14:50	0.38	
		21:10	2.92	
27	Qui	3:50	0.38	
		10:00	2.77	
		15:50	0.45	
		22:20	3.06	
28	Sex	5:00	0.24	
		11:10	2.93	
		17:00	0.42	
		23:20	3.23	

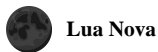
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC - 3:00)
 Dados de nível sem Georreferenciamento



Dia	Março	Hora	Altura (m)	Fase Lunar
1	Sab	5:50	0.15	
		12:10	3.13	
		17:50	0.42	
2	Dom	0:10	3.4	
		6:40	0.09	
		13:00	3.31	
		18:50	0.34	
3	Seg	0:50	3.51	
		7:20	0.12	
		13:40	3.45	
		19:30	0.34	
4	Ter	1:40	3.56	
		8:00	0.18	
		14:20	3.5	
		20:20	0.29	
5	Qua	2:20	3.54	
		8:40	0.25	
		14:50	3.48	
		21:00	0.29	
6	Qui	3:10	3.46	
		9:20	0.31	
		15:20	3.36	
		21:40	0.31	
7	Sex	3:50	3.32	
		10:00	0.36	
		16:00	3.17	
		22:20	0.35	
8	Sab	4:30	3.13	
		10:40	0.4	
		16:50	2.95	
		23:10	0.42	
9	Dom	5:20	2.9	
		11:30	0.44	
		17:40	2.73	
10	Seg	6:10	0.52	
		12:20	2.65	
		18:40	0.5	
		2:20	2.55	
11	Ter	3:10	0.62	
		9:20	2.45	
		15:40	0.58	
		2:20	2.47	
12	Qua	3:30	0.65	
		9:30	2.35	
		15:40	0.65	
		20:50	2.49	
13	Qui	3:30	0.58	
		9:40	2.4	
		15:20	0.68	
		21:50	2.62	
14	Sex	4:30	0.46	
		10:50	2.56	
		16:20	0.66	
		22:40	2.79	
15	Sab	5:20	0.36	
		11:40	2.77	
		17:10	0.6	
		23:20	2.98	
16	Dom	5:50	0.32	
		12:10	3.01	
		18:00	0.51	
17	Seg	6:30	0.27	
		12:40	3.24	
		18:40	0.41	
18	Ter	7:00	3.35	
		13:10	0.27	
		19:10	3.43	
		2:10	0.33	
19	Qua	1:20	3.5	
		7:30	0.25	
		13:40	3.57	
		19:50	0.21	
20	Qui	2:00	3.61	
		8:10	0.19	
		14:10	3.64	
		20:30	0.12	
21	Sex	2:40	3.64	
		8:50	0.14	
		14:50	3.62	
		21:10	0.07	
22	Sab	3:20	3.58	
		9:30	0.11	
		15:30	3.51	
		21:50	0.08	
23	Dom	4:10	3.42	
		10:20	0.1	
		16:20	3.35	
		22:40	0.15	
24	Seg	5:00	3.18	
		11:10	0.15	
		17:20	3.16	
		23:50	0.26	
25	Ter	6:00	2.92	
		12:00	0.26	
		18:20	2.98	
26	Qua	1:00	0.37	
		7:10	2.7	
		13:10	0.39	
		19:30	2.87	
27	Qui	2:20	0.38	
		8:30	2.63	
		14:20	0.49	
		20:50	2.87	
28	Sex	3:30	0.29	
		9:50	2.74	
		15:40	0.47	
		21:50	2.98	
29	Sab	4:30	0.17	
		11:00	2.95	
		16:50	0.37	
		23:00	3.14	
30	Dom	5:30	0.06	
		11:50	3.2	
		17:50	0.25	
		23:50	3.31	
31	Seg	6:10	0.1	
		12:40	3.38	
		18:40	0.19	

Dia	Abril	Hora	Altura (m)	Fase Lunar
1	Ter	0:40	3.43	
		7:00	0.13	
		13:10	3.51	
		19:20	0.19	
2	Qua	1:30	3.49	
		7:30	0.27	
		13:50	3.52	
		20:00	0.23	
3	Qui	2:10	3.5	
		8:10	0.35	
		14:20	3.46	
		20:30	0.32	
4	Sex	2:50	3.43	
		8:50	0.41	
		14:50	3.34	
		21:10	0.37	
5	Sab	3:20	3.3	
		9:30	0.44	
		15:30	3.17	
		21:50	0.44	
6	Dom	4:00	3.09	
		10:10	0.46	
		16:10	2.99	
		22:40	0.5	
7	Seg	4:50	2.84	
		10:50	0.49	
		17:00	2.81	
		23:30	0.56	
8	Ter	5:40	2.58	
		11:40	0.54	
		17:50	2.65	
9	Qua	6:40	0.6	
		12:30	2.37	
		18:50	0.62	
		2:50	2.54	
10	Qui	1:50	0.58	
		8:00	2.3	
		13:40	0.68	
		20:00	2.5	
11	Sex	2:50	0.5	
		9:10	2.39	
		14:50	0.68	
		21:00	2.58	
12	Sab	3:40	0.4	
		10:10	2.59	
		15:50	0.61	
		22:00	2.73	
13	Dom	4:30	0.32	
		11:00	2.84	
		16:50	0.48	
		22:50	2.93	
14	Seg	5:10	0.29	
		11:30	3.1	
		17:30	0.38	
		23:40	3.15	
15	Ter	5:50	0.27	
		12:00	3.33	
		18:10	0.29	
		0:20	3.36	
		6:20	0.29	
		12:40	3.51	
		18:50	0.21	
17	Qui	1:00	3.53	
		7:00	0.27	
		13:10	3.63	
		19:20	0.19	
18	Sex	1:40	3.64	
		7:40	0.23	
		13:40	3.68	
		20:00	0.17	
19	Sab	2:10	3.65	
		8:20	0.19	
		14:30	3.68	
		20:40	0.17	
20	Dom	2:50	3.55	
		9:00	0.17	
		15:10	3.59	
		21:30	0.2	
21	Seg	3:40	3.36	
		9:50	0.18	
		16:00	3.44	
		22:30	0.24	
22	Ter	4:40	3.11	
		10:40	0.26	
		17:00	3.24	
		23:30	0.29	
23	Qua	5:40	2.85	
		11:40	0.37	
		18:00	3.04	
24	Qui	6:40	0.32	
		7:00	2.67	
		12:50	0.48	
		19:10	2.88	
25	Sex	1:50	0.3	
		8:20	2.64	
		14:10	0.51	
		20:20	2.83	
26	Sab	3:00	0.22	
		9:30	2.79	
		15:30	0.41	
		21:30	2.9	
27	Dom	4:00	0.15	
		10:30	3.01	
		16:40	0.26	
		22:40	3.04	
28	Seg	5:00	0.1	
		11:20	3.22	
		17:30	0.17	
		23:40	3.2	
29	Ter	5:50	0.13	
		12:10	3.35	
		18:20	0.12	
		0:30	3.33	
30	Qua	6:30	0.23	
		12:40	3.43	
		19:00	0.17	

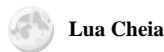
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC - 3:00)
 Dados de nível sem Georreferenciamento



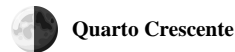
Lua Nova



Quarto Minguante



Lua Cheia

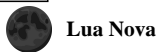


Quarto Crescente

Dia	Maio	Hora	Altura (m)	Fase Lunar
1	Qui	1:10	3.41	
		7:10	0.33	
		13:20	3.43	
		19:30	0.3	
2	Sex	1:50	3.41	
		7:50	0.42	
		13:50	3.38	
		20:10	0.4	
3	Sab	2:20	3.34	
		8:20	0.49	
		14:30	3.3	
		20:50	0.48	
4	Dom	3:00	3.19	
		9:00	0.52	
		15:00	3.2	
		21:30	0.53	
5	Seg	3:30	3.0	
		9:30	0.54	
		15:40	3.08	
		22:20	0.54	
6	Ter	4:20	2.78	
		10:10	0.55	
		16:20	2.94	
		23:10	0.52	
7	Qua	5:10	2.58	
		11:00	0.58	
		17:10	2.79	
8	Qui	0:10	0.48	
		6:20	2.43	
		11:50	0.63	
		18:10	2.66	
9	Sex	1:00	0.43	
		7:30	2.39	
		13:00	0.63	
		19:10	2.58	
10	Sab	2:00	0.37	
		8:30	2.49	
		14:20	0.58	
		20:20	2.6	
11	Dom	2:50	0.33	
		9:20	2.68	
		15:20	0.48	
		21:20	2.72	
12	Seg	3:40	0.3	
		10:10	2.89	
		16:10	0.37	
		22:20	2.91	
13	Ter	4:30	0.28	
		10:50	3.11	
		17:00	0.28	
		23:10	3.14	
14	Qua	5:10	0.29	
		11:30	3.31	
		17:40	0.24	
		23:50	3.34	
15	Qui	5:50	0.3	
		12:10	3.48	
		18:20	0.24	
16	Sex	0:30	3.5	
		6:30	0.3	
		12:40	3.6	
		19:00	0.26	
17	Sab	1:10	3.57	
		7:10	0.29	
		13:30	3.68	
		19:40	0.29	
18	Dom	1:50	3.55	
		7:50	0.28	
		14:10	3.7	
		20:30	0.29	
19	Seg	2:40	3.44	
		8:40	0.28	
		14:50	3.64	
		21:20	0.28	
20	Ter	3:30	3.27	
		9:20	0.34	
		15:40	3.5	
		22:20	0.26	
21	Qua	4:30	3.06	
		10:20	0.39	
		16:30	3.3	
		23:20	0.24	
22	Qui	5:30	2.88	
		11:20	0.46	
		17:30	3.08	
23	Sex	0:20	0.23	
		6:50	2.74	
		12:30	0.5	
		18:40	2.89	
24	Sab	1:20	0.23	
		8:00	2.73	
		13:50	0.46	
		19:50	2.8	
25	Dom	2:30	0.21	
		9:00	2.84	
		15:10	0.34	
		21:10	2.83	
26	Seg	3:30	0.2	
		10:00	2.97	
		16:10	0.24	
		22:20	2.96	
27	Ter	4:30	0.2	
		10:50	3.1	
		17:00	0.19	
		23:10	3.11	
28	Qua	5:20	0.24	
		11:40	3.19	
		17:50	0.2	
29	Qui	0:00	3.22	
		6:10	0.3	
		12:20	3.25	
		18:30	0.3	
30	Sex	0:50	3.26	
		6:50	0.39	
		13:00	3.28	
		19:10	0.41	
31	Sab	1:20	3.26	
		7:20	0.5	
		13:30	3.29	
		19:50	0.51	

Dia	Junho	Hora	Altura (m)	Fase Lunar
1	Dom	2:00	3.18	
		7:50	0.58	
		14:10	3.28	
		20:30	0.56	
2	Seg	2:40	3.06	
		8:20	0.62	
		14:40	3.25	
		21:20	0.53	
3	Ter	3:20	2.93	
		9:00	0.61	
		15:10	3.19	
		22:00	0.47	
4	Qua	4:00	2.81	
		9:40	0.6	
		15:50	3.08	
		22:40	0.4	
5	Qui	4:50	2.71	
		10:30	0.58	
		16:40	2.95	
		23:30	0.32	
6	Sex	5:50	2.64	
		11:30	0.53	
		17:30	2.81	
7	Sab	0:20	0.27	
		6:40	2.63	
		12:30	0.48	
		18:30	2.72	
8	Dom	1:10	0.25	
		7:40	2.67	
		13:40	0.41	
		19:40	2.7	
9	Seg	2:00	0.26	
		8:30	2.77	
		14:40	0.35	
		20:40	2.77	
10	Ter	3:00	0.27	
		9:20	2.9	
		15:30	0.31	
		21:40	2.92	
11	Qua	3:50	0.29	
		10:10	3.05	
		16:20	0.29	
		22:40	3.09	
12	Qui	4:40	0.29	
		11:00	3.22	
		17:10	0.31	
		23:20	3.25	
13	Sex	5:30	0.29	
		11:40	3.4	
		18:00	0.33	
		0:10	3.37	
14	Sab	6:10	0.32	
		12:30	3.55	
		18:50	0.34	
15	Dom	0:50	3.41	
		6:50	0.36	
		13:10	3.66	
		19:40	0.33	
16	Seg	1:40	3.41	
		7:30	0.4	
		13:50	3.7	
		20:30	0.29	
17	Ter	2:30	3.34	
		8:20	0.42	
		14:40	3.67	
		21:10	0.27	
18	Qua	3:20	3.25	
		9:10	0.44	
		15:20	3.54	
		22:10	0.19	
19	Qui	4:20	3.13	
		10:00	0.47	
		16:10	3.34	
		23:00	0.17	
20	Sex	5:20	3.0	
		11:10	0.44	
		17:10	3.12	
		23:50	0.19	
21	Sab	6:20	2.9	
		12:20	0.41	
		18:20	2.92	
22	Dom	0:50	0.23	
		7:20	2.83	
		13:30	0.38	
		19:30	2.8	
23	Seg	1:50	0.28	
		8:20	2.81	
		14:30	0.35	
		20:40	2.79	
24	Ter	3:00	0.3	
		9:20	2.83	
		15:30	0.33	
		21:50	2.85	
25	Qua	4:00	0.32	
		10:20	2.89	
		16:30	0.32	
		22:50	2.95	
26	Qui	4:50	0.36	
		11:10	2.98	
		17:30	0.33	
		23:40	3.02	
27	Sex	5:40	0.4	
		12:00	3.07	
		18:20	0.38	
28	Sab	0:20	3.06	
		6:20	0.48	
		12:40	3.16	
		19:00	0.46	
29	Dom	1:10	3.05	
		6:50	0.59	
		13:10	3.24	
		19:40	0.5	
30	Seg	1:40	3.03	
		7:20	0.66	
		13:40	3.29	
		20:20	0.49	

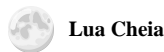
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC -3:00)
 Dados de nível sem Georreferenciamento



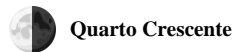
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

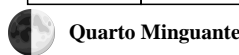
Dia	Julho	Hora	Altura (m)	Fase Lunar
1	Ter	2:20	3.01	
		8:00	0.66	
		14:10	3.31	
		21:00	0.44	
2	Qua	3:00	2.98	
		8:30	0.65	
		14:50	3.29	
		21:30	0.36	
3	Qui	3:40	2.97	
		9:20	0.56	
		15:20	3.21	
		22:10	0.27	
4	Sex	4:20	2.96	
		10:10	0.46	
		16:10	3.12	
		22:50	0.2	
5	Sab	5:00	2.95	
		11:00	0.36	
		17:00	3.0	
		23:30	0.17	
6	Dom	5:50	2.91	
		12:00	0.28	
		18:00	2.9	
7	Seg	0:20	0.17	
		6:40	2.87	
		12:50	0.25	
		19:00	2.84	
8	Ter	1:20	0.2	
		7:40	2.84	
		13:50	0.26	
		20:10	2.84	
9	Qua	2:20	0.24	
		8:40	2.87	
		14:50	0.32	
		21:10	2.89	
10	Qui	3:20	0.28	
		9:40	2.96	
		15:50	0.37	
		22:00	2.99	
11	Sex	4:10	0.31	
		10:30	3.13	
		16:50	0.39	
		23:00	3.09	
12	Sab	5:00	0.35	
		11:20	3.31	
		17:50	0.37	
		23:50	3.19	
13	Dom	5:50	0.39	
		12:10	3.49	
		18:40	0.34	
		0:50	3.27	
14	Seg	6:30	0.46	
		13:00	3.62	
		19:30	0.28	
15	Ter	1:40	3.32	
		7:20	0.48	
		13:40	3.68	
		20:20	0.21	
16	Qua	2:30	3.35	
		8:10	0.48	
		14:20	3.65	
		21:00	0.19	
17	Qui	3:10	3.35	
		9:00	0.45	
		15:10	3.55	
		21:40	0.18	
18	Sex	4:00	3.29	
		10:00	0.38	
		16:00	3.38	
		22:30	0.18	
19	Sab	4:50	3.18	
		10:50	0.35	
		16:50	3.18	
		23:20	0.22	
20	Dom	5:40	3.03	
		11:50	0.33	
		18:00	2.98	
21	Seg	0:20	0.28	
		6:30	2.86	
		12:50	0.36	
		19:00	2.82	
22	Ter	1:20	0.36	
		7:30	2.72	
		13:50	0.42	
		20:10	2.72	
23	Qua	2:20	0.42	
		8:40	2.65	
		15:00	0.46	
		21:10	2.7	
24	Qui	3:20	0.46	
		9:50	2.68	
		16:00	0.49	
		22:20	2.73	
25	Sex	4:20	0.47	
		10:40	2.8	
		17:10	0.44	
		23:10	2.8	
26	Sab	5:10	0.51	
		11:30	2.94	
		18:00	0.43	
		0:10	2.85	
27	Dom	5:50	0.58	
		12:10	3.08	
		18:50	0.41	
28	Seg	0:50	2.92	
		6:30	0.63	
		12:50	3.19	
		19:20	0.42	
29	Ter	1:30	2.99	
		7:00	0.68	
		13:20	3.29	
		20:00	0.38	
30	Qua	2:10	3.06	
		7:40	0.64	
		13:50	3.35	
		20:20	0.36	
31	Qui	2:40	3.15	
		8:20	0.55	
		14:20	3.37	
		20:50	0.3	

Dia	Agosto	Hora	Altura (m)	Fase Lunar
1	Sex	3:10	3.22	
		9:00	0.42	
		15:00	3.35	
		21:30	0.21	
2	Sab	3:40	3.25	
		9:40	0.29	
		15:50	3.3	
		22:10	0.14	
3	Dom	4:20	3.22	
		10:30	0.17	
		16:40	3.21	
		22:50	0.12	
4	Seg	5:00	3.13	
		11:20	0.13	
		17:30	3.09	
		23:50	0.12	
5	Ter	6:00	3.01	
		12:10	0.16	
		18:30	2.97	
6	Qua	0:40	0.17	
		6:50	2.91	
		13:10	0.26	
		19:30	2.86	
7	Qui	1:40	0.23	
		8:00	2.86	
		14:20	0.37	
		20:30	2.81	
8	Sex	2:40	0.31	
		9:10	2.9	
		15:30	0.43	
		21:40	2.83	
9	Sab	3:40	0.38	
		10:10	3.05	
		16:40	0.38	
		22:50	2.92	
10	Dom	4:40	0.42	
		11:10	3.24	
		17:40	0.29	
		23:50	3.07	
11	Seg	5:50	0.46	
		12:00	3.42	
		18:30	0.21	
12	Ter	0:40	0.44	
		6:30	0.43	
		12:40	3.56	
		19:20	0.14	
13	Qua	1:30	3.38	
		7:20	0.41	
		13:30	3.63	
		20:00	0.14	
14	Qui	2:10	3.48	
		8:10	0.37	
		14:10	3.63	
		20:40	0.17	
15	Sex	2:50	3.5	
		8:50	0.35	
		15:00	3.55	
		21:20	0.21	
16	Sab	3:30	3.43	
		9:40	0.29	
		15:50	3.41	
		22:00	0.26	
17	Dom	4:10	3.28	
		10:30	0.28	
		16:40	3.23	
		22:50	0.3	
18	Seg	5:00	3.07	
		11:20	0.32	
		17:30	3.02	
		23:40	0.36	
19	Ter	5:50	2.84	
		12:10	0.41	
		18:30	2.8	
20	Qua	0:40	0.44	
		6:50	2.64	
		13:10	0.53	
		19:30	2.61	
21	Qui	1:40	0.51	
		8:00	2.52	
		14:30	0.59	
		20:40	2.51	
22	Sex	2:40	0.57	
		9:10	2.54	
		15:40	0.57	
		21:50	2.52	
23	Sab	3:40	0.61	
		10:10	2.66	
		16:50	0.47	
		23:00	2.61	
24	Dom	4:40	0.61	
		11:00	2.83	
		17:40	0.39	
		23:50	2.75	
25	Seg	5:30	0.61	
		11:40	2.99	
		18:20	0.34	
26	Ter	0:30	2.91	
		6:10	0.61	
		12:30	3.14	
		18:50	0.33	
27	Qua	1:10	3.06	
		6:50	0.57	
		12:50	3.27	
		19:20	0.32	
28	Qui	1:40	3.22	
		7:20	0.51	
		13:30	3.38	
		19:50	0.3	
29	Sex	2:00	3.37	
		8:00	0.38	
		14:00	3.45	
		20:20	0.26	
30	Sab	2:30	3.46	
		8:40	0.25	
		14:40	3.49	
		21:00	0.19	
31	Dom	3:00	3.47	
		9:10	0.15	
		15:20	3.47	
		21:40	0.13	

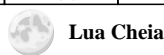
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC - 3:00)
 Dados de nível sem Georreferenciamento



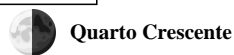
Lua Nova



Quarto Minguante



Lua Cheia

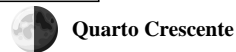
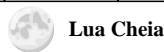
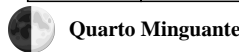
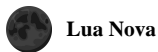


Quarto Crescente

Dia	Setembro	Hora	Altura (m)	Fase Lunar
1	Seg	3:40	3.42	
		10:00	0.08	
		16:10	3.38	
		22:20	0.1	
2	Ter	4:30	3.29	
		10:40	0.1	
		17:00	3.22	
		23:10	0.11	
3	Qua	5:20	3.13	
		11:40	0.17	
		17:50	3.01	
4	Qui	0:10	0.16	
		6:20	2.98	
		12:40	0.3	
		19:00	2.81	
5	Sex	1:10	0.26	
		7:30	2.88	
		14:00	0.4	
		20:10	2.69	
6	Sab	2:10	0.38	
		8:40	2.88	
		15:10	0.41	
		21:30	2.7	
7	Dom	3:20	0.45	
		9:40	2.99	
		16:20	0.3	
		22:40	2.86	
8	Seg	4:30	0.43	
		10:50	3.16	
		17:20	0.17	
		23:40	3.08	
9	Ter	5:30	0.38	
		11:40	3.34	
		18:10	0.1	
10	Qua	0:30	3.31	
		6:20	0.34	
		12:30	3.48	
		18:50	0.13	
11	Qui	1:10	3.49	
		7:10	0.28	
		13:20	3.57	
		19:30	0.18	
12	Sex	1:50	3.57	
		8:00	0.22	
		14:00	3.6	
		20:10	0.25	
13	Sab	2:30	3.56	
		8:40	0.23	
		14:40	3.55	
		20:50	0.31	
14	Dom	3:00	3.47	
		9:20	0.26	
		15:30	3.43	
		21:40	0.34	
15	Seg	3:40	3.29	
		10:00	0.32	
		16:10	3.25	
		22:20	0.38	
16	Ter	4:20	3.07	
		10:40	0.41	
		17:00	3.0	
		23:10	0.43	
17	Qua	5:10	2.84	
		11:40	0.5	
		17:50	2.73	
18	Qui	0:00	0.5	
		6:10	2.64	
		12:40	0.6	
		18:50	2.49	
19	Sex	1:00	0.59	
		7:20	2.5	
		14:00	0.63	
		20:10	2.35	
20	Sab	2:00	0.67	
		8:30	2.48	
		15:10	0.57	
		21:30	2.38	
21	Dom	3:10	0.69	
		9:30	2.57	
		16:10	0.45	
		22:30	2.54	
22	Seg	4:10	0.66	
		10:20	2.72	
		17:00	0.35	
		23:20	2.75	
23	Ter	5:00	0.6	
		11:10	2.9	
		17:40	0.3	
24	Qua	0:00	2.97	
		5:50	0.5	
		11:50	3.08	
		18:10	0.31	
25	Qui	0:30	3.18	
		6:30	0.41	
		12:30	3.25	
		18:40	0.32	
26	Sex	1:00	3.36	
		7:00	0.34	
		13:10	3.41	
		19:10	0.32	
27	Sab	1:20	3.5	
		7:30	0.26	
		13:40	3.53	
		19:50	0.26	
28	Dom	1:50	3.58	
		8:10	0.17	
		14:20	3.59	
		20:30	0.2	
29	Seg	2:30	3.6	
		8:50	0.11	
		15:00	3.56	
		21:10	0.14	
30	Ter	3:10	3.54	
		9:30	0.11	
		15:40	3.44	
		21:50	0.12	

Dia	Outubro	Hora	Altura (m)	Fase Lunar
1	Qua	4:00	3.41	
		10:20	0.15	
		16:30	3.23	
		22:40	0.14	
2	Qui	4:50	3.25	
		11:20	0.23	
		17:30	2.97	
		23:30	0.23	
3	Sex	5:50	3.07	
		12:20	0.32	
		18:40	2.74	
4	Sab	0:30	0.36	
		7:00	2.93	
		13:40	0.35	
		20:00	2.62	
5	Dom	1:50	0.46	
		8:10	2.87	
		14:50	0.3	
		21:20	2.69	
6	Seg	3:00	0.49	
		9:20	2.93	
		16:00	0.18	
		22:30	2.89	
7	Ter	4:20	0.38	
		10:30	3.07	
		16:50	0.13	
		23:20	3.16	
8	Qua	5:20	0.26	
		11:20	3.25	
		17:40	0.11	
		24:00	3.37	
9	Qui	6:10	0.18	
		12:20	3.4	
		18:30	0.13	
10	Sex	0:50	3.51	
		7:00	0.14	
		13:00	3.51	
		19:10	0.22	
11	Sab	1:20	3.56	
		7:40	0.17	
		13:50	3.54	
		19:50	0.32	
12	Dom	2:00	3.52	
		8:10	0.28	
		14:30	3.5	
		20:30	0.39	
13	Seg	2:30	3.42	
		8:50	0.36	
		15:00	3.38	
		21:10	0.43	
14	Ter	3:10	3.27	
		9:30	0.44	
		15:40	3.17	
		21:50	0.47	
15	Qua	4:00	3.08	
		10:20	0.51	
		16:30	2.91	
		22:30	0.51	
16	Qui	4:40	2.9	
		11:20	0.56	
		17:20	2.64	
		23:20	0.57	
17	Sex	5:30	2.72	
		12:20	0.59	
		18:30	2.41	
18	Sab	0:10	0.64	
		6:30	2.57	
		13:30	0.56	
		19:40	2.31	
19	Dom	1:20	0.71	
		7:40	2.49	
		14:30	0.49	
		21:00	2.37	
20	Seg	2:30	0.71	
		8:40	2.52	
		15:20	0.41	
		22:00	2.55	
21	Ter	3:40	0.62	
		9:40	2.64	
		16:10	0.34	
		22:40	2.78	
22	Qua	4:30	0.51	
		10:30	2.83	
		16:50	0.32	
		23:20	3.01	
23	Qui	5:20	0.39	
		11:20	3.03	
		17:30	0.32	
		23:50	3.22	
24	Sex	6:00	0.3	
		12:00	3.24	
		18:10	0.31	
25	Sab	0:20	3.4	
		6:30	0.26	
		12:40	3.43	
		18:40	0.32	
26	Dom	0:50	3.54	
		7:10	0.22	
		13:20	3.55	
		19:20	0.28	
27	Seg	1:30	3.63	
		7:40	0.22	
		13:50	3.59	
		20:00	0.23	
28	Ter	2:00	3.65	
		8:20	0.22	
		14:30	3.53	
		20:40	0.2	
29	Qua	2:50	3.62	
		9:10	0.21	
		15:20	3.39	
		21:20	0.2	
30	Qui	3:30	3.51	
		10:00	0.23	
		16:10	3.17	
		22:10	0.25	
31	Sex	4:30	3.35	
		11:00	0.25	
		17:10	2.93	
		23:00	0.35	

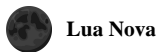
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC - 3:00)
 Dados de nível sem Georreferenciamento



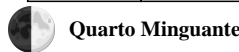
Dia	Novembro	Hora	Altura (m)	Fase Lunar
1	Sab	5:20	3.15	
		12:10	0.26	
		18:20	2.75	
2	Dom	0:10	0.44	
		6:30	2.97	
		13:20	0.24	
		19:40	2.68	
3	Seg	1:30	0.49	
		7:40	2.86	
		14:20	0.22	
		21:00	2.76	
4	Ter	2:50	0.43	
		9:00	2.87	
		15:30	0.15	
		22:00	2.96	
5	Qua	4:00	0.3	
		10:10	2.99	
		16:20	0.16	
		22:50	3.16	
6	Qui	5:00	0.17	
		11:10	3.16	
		17:20	0.14	
		23:40	3.32	
7	Sex	5:50	0.12	
		12:00	3.32	
		18:10	0.19	
8	Sab	0:20	3.41	
		6:30	0.18	
		12:50	3.41	
		18:50	0.29	
9	Dom	1:00	3.44	
		7:20	0.23	
		13:30	3.43	
		19:30	0.38	
10	Seg	1:40	3.41	
		7:50	0.39	
		14:10	3.37	
		20:10	0.46	
11	Ter	2:10	3.35	
		8:40	0.46	
		14:40	3.24	
		20:40	0.53	
12	Qua	2:50	3.26	
		9:20	0.53	
		15:20	3.05	
		21:10	0.58	
13	Qui	3:30	3.14	
		10:10	0.54	
		16:10	2.83	
		21:50	0.6	
14	Sex	4:10	3.0	
		11:00	0.52	
		17:00	2.63	
		22:40	0.63	
15	Sab	4:50	2.84	
		11:50	0.48	
		18:00	2.48	
		23:40	0.65	
16	Dom	5:50	2.69	
		12:40	0.43	
		19:10	2.42	
17	Seg	0:50	0.65	
		6:50	2.58	
		13:40	0.38	
		20:10	2.47	
18	Ter	2:00	0.61	
		7:50	2.55	
		14:30	0.35	
		21:00	2.62	
19	Qua	3:00	0.51	
		9:00	2.64	
		15:20	0.34	
		21:50	2.79	
20	Qui	3:50	0.41	
		10:00	2.8	
		16:10	0.32	
		22:30	2.99	
21	Sex	4:40	0.32	
		10:50	3.01	
		16:50	0.33	
		23:10	3.18	
22	Sab	5:20	0.29	
		11:30	3.21	
		17:30	0.34	
		23:50	3.35	
23	Dom	6:00	0.3	
		12:10	3.38	
		18:10	0.33	
24	Seg	0:30	3.5	
		6:40	0.32	
		12:50	3.47	
		18:50	0.32	
25	Ter	1:10	3.62	
		7:20	0.33	
		13:30	3.49	
		19:30	0.31	
26	Qua	1:50	3.69	
		8:10	0.31	
		14:10	3.43	
		20:10	0.31	
27	Qui	2:30	3.68	
		9:00	0.28	
		15:00	3.31	
		21:00	0.32	
28	Sex	3:10	3.59	
		9:50	0.24	
		16:00	3.15	
		21:50	0.37	
29	Sab	4:00	3.42	
		10:50	0.19	
		17:00	2.99	
		22:50	0.41	
30	Dom	5:00	3.21	
		11:50	0.17	
		18:10	2.86	

Dia	Dezembro	Hora	Altura (m)	Fase Lunar
1	Seg	0:00	0.44	
		6:00	3.0	
		12:50	0.17	
		19:20	2.81	
2	Ter	1:20	0.41	
		7:20	2.87	
		13:50	0.2	
		20:20	2.85	
3	Qua	2:30	0.34	
		8:30	2.84	
		14:50	0.23	
		21:20	2.94	
4	Qui	3:40	0.24	
		9:40	2.93	
		16:00	0.21	
		22:20	3.05	
5	Sex	4:30	0.2	
		10:50	3.06	
		16:50	0.25	
		23:10	3.15	
6	Sab	5:20	0.22	
		11:40	3.18	
		17:40	0.3	
7	Dom	0:00	3.23	
		6:10	0.27	
		12:30	3.24	
		18:30	0.35	
8	Seg	0:40	3.28	
		7:00	0.35	
		13:10	3.25	
		19:00	0.48	
9	Ter	1:20	3.31	
		7:40	0.46	
		13:50	3.18	
		19:40	0.56	
10	Qua	2:00	3.31	
		8:30	0.49	
		14:30	3.08	
		20:10	0.63	
11	Qui	2:30	3.28	
		9:10	0.51	
		15:10	2.96	
		20:50	0.65	
12	Sex	3:00	3.22	
		9:50	0.47	
		15:50	2.85	
		21:30	0.65	
13	Sab	3:40	3.11	
		10:30	0.41	
		16:40	2.75	
		22:10	0.63	
14	Dom	4:20	2.97	
		11:10	0.34	
		17:30	2.68	
		23:10	0.56	
15	Seg	5:10	2.83	
		12:00	0.29	
		18:20	2.65	
16	Ter	0:10	0.49	
		6:10	2.71	
		12:40	0.28	
		19:10	2.66	
17	Qua	1:10	0.43	
		7:20	2.66	
		13:40	0.29	
		20:00	2.71	
18	Qui	2:10	0.38	
		8:20	2.7	
		14:30	0.31	
		20:50	2.8	
19	Sex	3:10	0.34	
		9:20	2.81	
		15:30	0.32	
		21:40	2.93	
20	Sab	4:00	0.34	
		10:10	2.97	
		16:20	0.32	
		22:30	3.09	
21	Dom	4:50	0.36	
		11:00	3.12	
		17:00	0.34	
		23:20	3.27	
22	Seg	5:40	0.38	
		11:50	3.24	
		17:50	0.34	
23	Ter	0:10	3.45	
		6:30	0.38	
		12:30	3.32	
		18:30	0.37	
24	Qua	0:50	3.61	
		7:20	0.34	
		13:20	3.36	
		19:10	0.41	
25	Qui	1:30	3.7	
		8:00	0.32	
		14:10	3.35	
		19:50	0.44	
26	Sex	2:10	3.71	
		8:50	0.24	
		15:00	3.31	
		20:40	0.44	
27	Sab	3:00	3.63	
		9:40	0.17	
		15:50	3.25	
		21:40	0.41	
28	Dom	3:50	3.47	
		10:30	0.13	
		16:50	3.14	
		22:40	0.38	
29	Seg	4:40	3.26	
		11:20	0.14	
		17:40	3.04	
		23:40	0.36	
30	Ter	5:50	3.06	
		12:20	0.17	
		18:40	2.93	
31	Qua	0:50	0.33	
		6:50	2.9	
		13:20	0.24	
		21:10	2.38	

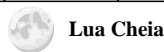
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC -3:00)
 Dados de nível sem Georreferenciamento



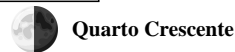
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente