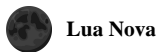


Dia	Janeiro	Hora	Altura (m)	Fase Lunar
1	Qua	7:10	0.71	
		13:30	3.18	
		19:00	0.94	
2	Qui	1:20	3.51	
		8:00	0.68	
		14:10	3.17	
		19:50	0.91	
3	Sex	2:00	3.47	
		8:40	0.71	
		14:50	3.13	
		20:40	0.89	
4	Sab	2:50	3.36	
		9:30	0.72	
		15:40	3.04	
		21:30	0.88	
5	Dom	3:40	3.2	
		10:10	0.77	
		16:30	2.95	
		22:30	0.84	
6	Seg	4:40	3.02	
		11:00	0.81	
		17:20	2.88	
		23:40	0.79	
7	Ter	5:40	2.87	
		12:00	0.83	
		18:20	2.84	
8	Qua	0:50	0.79	
		7:00	2.79	
		13:00	0.89	
		19:30	2.86	
9	Qui	2:00	0.8	
		8:10	2.79	
		14:10	0.95	
		20:30	2.94	
10	Sex	3:10	0.75	
		9:30	2.83	
		15:10	0.99	
		21:30	3.06	
11	Sab	4:20	0.6	
		10:40	2.94	
		16:10	0.99	
		22:30	3.2	
12	Dom	5:20	0.44	
		11:40	3.08	
		17:10	0.94	
		23:30	3.33	
13	Seg	6:10	0.37	
		12:30	3.21	
		18:00	0.92	
14	Ter	0:20	3.42	
		7:00	0.33	
		13:20	3.28	
		18:50	0.89	
15	Qua	1:10	3.44	
		7:50	0.34	
		14:00	3.31	
		19:40	0.87	
16	Qui	1:50	3.41	
		8:30	0.47	
		14:40	3.25	
		20:20	0.9	
17	Sex	2:30	3.32	
		9:10	0.62	
		15:20	3.15	
		21:10	0.89	
18	Sab	3:10	3.17	
		9:50	0.75	
		16:00	3.0	
		21:50	0.91	
19	Dom	3:50	3.0	
		10:20	0.87	
		16:30	2.86	
		22:30	0.92	
20	Seg	4:30	2.81	
		10:50	0.93	
		17:00	2.72	
		23:10	0.92	
21	Ter	5:10	2.63	
		11:20	0.96	
		17:30	2.61	
22	Qua	0:00	0.93	
		6:00	2.5	
		11:50	1.0	
		18:10	2.56	
23	Qui	0:50	0.95	
		7:00	2.43	
		12:40	1.01	
		19:00	2.58	
24	Sex	1:50	0.98	
		8:00	2.44	
		13:30	1.03	
		20:00	2.67	
25	Sab	2:50	1.0	
		9:00	2.53	
		14:30	1.04	
		21:00	2.83	
26	Dom	3:50	0.96	
		10:00	2.67	
		15:30	1.04	
		21:50	3.01	
27	Seg	4:40	0.88	
		11:00	2.84	
		16:20	1.01	
		22:50	3.21	
28	Ter	5:30	0.78	
		11:50	3.02	
		17:20	0.93	
		23:40	3.38	
29	Qua	6:20	0.67	
		12:30	3.18	
		18:10	0.85	
		0:20	3.52	
30	Qui	7:00	0.62	
		13:10	3.3	
		19:00	0.77	
		1:10	3.58	
31	Sex	7:40	0.61	
		13:50	3.35	
		19:50	0.7	

Dia	Fevereiro	Hora	Altura (m)	Fase Lunar
1	Sab	2:00	3.56	
		8:20	0.63	
		14:30	3.35	
		20:30	0.71	
2	Dom	2:40	3.49	
		9:10	0.63	
		15:20	3.27	
		21:20	0.7	
3	Seg	3:30	3.33	
		9:50	0.71	
		16:00	3.17	
		22:20	0.69	
4	Ter	4:20	3.13	
		10:30	0.8	
		16:50	3.03	
		23:10	0.77	
5	Qua	5:20	2.91	
		11:30	0.87	
		17:40	2.89	
		0:20	0.83	
6	Qui	6:30	2.74	
		12:30	0.98	
		18:50	2.79	
7	Sex	1:40	0.89	
		7:50	2.65	
		13:40	1.08	
		20:00	2.78	
8	Sab	3:00	0.83	
		9:20	2.65	
		14:50	1.14	
		21:10	2.86	
9	Dom	4:10	0.64	
		10:30	2.78	
		16:00	1.08	
		22:20	3.0	
10	Seg	5:10	0.44	
		11:30	2.97	
		17:00	0.95	
		23:20	3.18	
11	Ter	6:00	0.32	
		12:20	3.16	
		18:00	0.79	
		0:10	3.33	
		6:40	0.35	
		13:00	3.3	
		18:40	0.76	
13	Qui	0:50	3.43	
		7:30	0.32	
		13:40	3.37	
		19:20	0.75	
14	Sex	1:40	3.44	
		8:00	0.51	
		14:10	3.36	
		20:00	0.75	
15	Sab	2:10	3.4	
		8:40	0.62	
		14:40	3.29	
		20:40	0.75	
16	Dom	2:50	3.28	
		9:10	0.75	
		15:10	3.16	
		21:10	0.78	
17	Seg	3:20	3.12	
		9:30	0.84	
		15:30	3.01	
		21:50	0.79	
18	Ter	3:50	2.92	
		9:50	0.91	
		16:00	2.87	
		22:20	0.83	
19	Qua	4:30	2.71	
		10:20	0.96	
		16:30	2.75	
		23:10	0.87	
20	Qui	5:10	2.52	
		10:50	1.04	
		17:10	2.66	
21	Sex	0:00	0.92	
		6:00	2.38	
		11:30	1.11	
		18:00	2.6	
22	Sab	1:00	0.98	
		7:10	2.34	
		12:30	1.13	
		19:00	2.59	
23	Dom	2:10	1.03	
		8:20	2.41	
		13:40	1.12	
		20:20	2.7	
24	Seg	3:20	1.01	
		9:40	2.57	
		15:00	1.07	
		21:30	2.9	
25	Ter	4:20	0.9	
		10:30	2.81	
		16:10	0.97	
		22:30	3.14	
26	Qua	5:10	0.76	
		11:20	3.06	
		17:10	0.82	
		23:30	3.36	
27	Qui	6:00	0.61	
		12:10	3.29	
		18:00	0.68	
28	Sex	0:20	3.55	
		6:40	0.55	
		12:50	3.46	
		18:50	0.57	

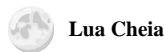
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC -3:00)
 Dados de nível sem Georreferenciamento



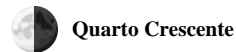
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

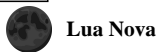
Dia	Março	Hora	Altura (m)	Fase Lunar
1	Sab	1:00	3.66	
		7:20	0.54	
		13:30	3.54	
		19:30	0.55	
2	Dom	1:50	3.66	
		8:00	0.58	
		14:10	3.54	
		20:20	0.53	
3	Seg	2:30	3.58	
		8:40	0.65	
		14:50	3.46	
		21:10	0.57	
4	Ter	3:20	3.39	
		9:20	0.75	
		15:30	3.32	
		22:00	0.66	
5	Qua	4:10	3.15	
		10:10	0.85	
		16:20	3.1	
		22:50	0.79	
6	Qui	5:10	2.88	
		11:00	0.98	
		17:10	2.88	
7	Sex	0:00	0.9	
		6:20	2.65	
		12:00	1.11	
		18:20	2.69	
8	Sab	1:20	0.98	
		7:40	2.52	
		13:10	1.22	
		19:40	2.62	
9	Dom	2:40	0.91	
		9:10	2.53	
		14:40	1.22	
		21:00	2.68	
10	Seg	3:50	0.71	
		10:20	2.71	
		15:50	1.08	
		22:10	2.86	
11	Ter	4:50	0.49	
		11:10	2.94	
		16:50	0.89	
		23:10	3.07	
12	Qua	5:40	0.36	
		11:50	3.17	
		17:40	0.74	
		23:50	3.26	
13	Qui	6:20	0.37	
		12:30	3.33	
		18:20	0.67	
		0:40	3.38	
14	Sex	7:00	0.43	
		13:00	3.42	
		19:00	0.63	
		1:10	3.45	
15	Sab	7:30	0.58	
		13:30	3.44	
		19:40	0.62	
16	Dom	1:50	3.42	
		8:00	0.7	
		14:00	3.39	
		20:10	0.64	
17	Seg	2:20	3.33	
		8:20	0.79	
		14:20	3.3	
		20:40	0.67	
18	Ter	2:50	3.18	
		8:40	0.86	
		14:40	3.18	
		21:10	0.72	
19	Qua	3:20	2.98	
		9:00	0.93	
		15:10	3.07	
		21:40	0.8	
20	Qui	3:50	2.78	
		9:30	1.0	
		15:40	2.98	
		22:20	0.89	
21	Sex	4:30	2.57	
		10:00	1.09	
		16:20	2.86	
		23:10	0.96	
22	Sab	5:20	2.4	
		10:50	1.15	
		17:10	2.71	
23	Dom	0:20	1.01	
		6:30	2.31	
		11:50	1.2	
		18:20	2.58	
24	Seg	1:30	1.04	
		7:50	2.38	
		13:20	1.12	
		19:50	2.63	
25	Ter	2:50	1.0	
		9:10	2.57	
		14:50	1.01	
		21:10	2.84	
26	Qua	3:50	0.88	
		10:10	2.85	
		16:00	0.86	
		22:20	3.11	
27	Qui	4:40	0.74	
		11:00	3.14	
		17:00	0.66	
		23:10	3.37	
28	Sex	5:30	0.6	
		11:40	3.41	
		17:50	0.5	
29	Sab	0:00	3.58	
		6:10	0.56	
		12:20	3.59	
		18:30	0.45	
30	Dom	0:50	3.68	
		7:00	0.52	
		13:00	3.68	
		19:20	0.41	
31	Seg	1:30	3.69	
		7:40	0.59	
		13:40	3.67	
		20:10	0.43	

Dia	Abriu	Hora	Altura (m)	Fase Lunar
1	Ter	2:20	3.58	
		8:20	0.7	
		14:20	3.57	
		20:50	0.57	
2	Qua	3:10	3.37	
		9:00	0.83	
		15:00	3.39	
		21:40	0.7	
3	Qui	4:00	3.1	
		9:40	0.98	
		15:50	3.12	
		22:40	0.83	
4	Sex	5:00	2.81	
		10:30	1.11	
		16:40	2.85	
		23:40	0.97	
5	Sab	6:10	2.58	
		11:40	1.21	
		17:50	2.61	
6	Dom	1:00	1.02	
		7:30	2.46	
		13:00	1.28	
		19:20	2.52	
7	Seg	2:20	0.94	
		8:50	2.52	
		14:30	1.22	
		20:40	2.58	
8	Ter	3:30	0.74	
		10:00	2.69	
		15:40	1.03	
		21:50	2.76	
9	Qua	4:20	0.63	
		10:40	2.92	
		16:30	0.87	
		22:50	2.96	
10	Qui	5:10	0.53	
		11:20	3.13	
		17:20	0.7	
		23:30	3.16	
11	Sex	5:40	0.62	
		11:50	3.3	
		18:00	0.62	
		0:10	3.3	
12	Sab	6:20	0.64	
		12:20	3.41	
		18:30	0.62	
13	Dom	0:50	3.36	
		6:50	0.73	
		12:50	3.46	
		19:10	0.59	
14	Seg	1:20	3.37	
		7:10	0.81	
		13:10	3.45	
		19:40	0.61	
15	Ter	1:50	3.31	
		7:40	0.83	
		13:40	3.39	
		20:10	0.65	
16	Qua	2:20	3.18	
		8:00	0.9	
		14:00	3.33	
		20:40	0.71	
17	Qui	2:50	3.01	
		8:20	0.98	
		14:30	3.26	
		21:20	0.79	
18	Sex	3:20	2.83	
		8:50	1.05	
		15:10	3.14	
		22:00	0.88	
19	Sab	4:00	2.65	
		9:30	1.12	
		15:50	2.99	
		22:40	0.98	
20	Dom	4:50	2.48	
		10:30	1.16	
		16:50	2.77	
		23:50	1.0	
21	Seg	6:00	2.38	
		11:40	1.16	
		18:00	2.61	
		1:00	0.99	
22	Ter	7:20	2.44	
		13:10	1.05	
		19:30	2.64	
23	Qua	2:10	0.94	
		8:40	2.65	
		14:30	0.92	
		20:50	2.84	
24	Qui	3:20	0.83	
		9:40	2.93	
		15:40	0.75	
		22:00	3.09	
25	Sex	4:10	0.72	
		10:30	3.21	
		16:40	0.56	
		22:50	3.34	
26	Sab	5:00	0.63	
		11:10	3.47	
		17:30	0.43	
		23:50	3.51	
27	Dom	5:50	0.58	
		12:00	3.64	
		18:20	0.36	
28	Seg	0:30	3.63	
		6:30	0.63	
		12:40	3.72	
		19:10	0.35	
29	Ter	1:20	3.61	
		7:10	0.72	
		13:20	3.69	
		19:50	0.47	
30	Qua	2:10	3.49	
		7:50	0.85	
		14:00	3.57	
		20:40	0.58	

Simbologia das fases lunares:

Horários no padrão local (Fuso Horário UTC -3:00)

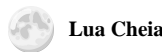
Dados de nível sem Georreferenciamento



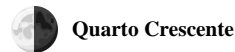
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

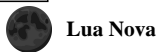
Dia	Maio	Hora	Altura (m)	Fase Lunar
1	Qui	3:00	3.29	
		8:40	0.95	
		14:50	3.35	
		21:30	0.72	
2	Sex	3:50	3.04	
		9:20	1.09	
		15:30	3.1	
		22:30	0.83	
3	Sab	4:50	2.79	
		10:20	1.18	
		16:30	2.82	
		23:30	0.95	
4	Dom	6:00	2.59	
		11:30	1.23	
		17:30	2.6	
5	Seg	0:40	0.99	
		7:10	2.5	
		12:50	1.25	
		19:00	2.51	
6	Ter	1:50	0.97	
		8:20	2.54	
		14:10	1.19	
		20:20	2.53	
7	Qua	2:50	0.91	
		9:20	2.68	
		15:10	1.06	
		21:20	2.66	
8	Qui	3:40	0.86	
		10:00	2.86	
		16:10	0.88	
		22:20	2.82	
9	Sex	4:20	0.86	
		10:40	3.03	
		16:50	0.78	
		23:00	2.99	
10	Sab	5:00	0.85	
		11:10	3.2	
		17:30	0.7	
		23:40	3.13	
11	Dom	5:50	0.88	
		11:40	3.33	
		18:00	0.67	
12	Seg	0:20	3.2	
		6:00	0.88	
		12:10	3.41	
		18:40	0.63	
13	Ter	0:50	3.25	
		6:30	0.88	
		12:30	3.45	
		19:10	0.64	
14	Qua	1:20	3.22	
		6:50	0.92	
		13:00	3.45	
		19:40	0.68	
15	Qui	1:50	3.14	
		7:20	0.97	
		13:30	3.42	
		20:20	0.73	
16	Sex	2:30	3.01	
		8:00	1.0	
		14:10	3.34	
		20:50	0.82	
17	Sab	3:00	2.88	
		8:30	1.07	
		14:50	3.22	
		21:40	0.87	
18	Dom	3:50	2.72	
		9:20	1.11	
		15:30	3.08	
		22:20	0.94	
19	Seg	4:40	2.6	
		10:20	1.11	
		16:30	2.86	
		23:20	0.95	
20	Ter	5:40	2.53	
		11:30	1.06	
		17:40	2.69	
21	Qua	0:30	0.91	
		6:50	2.58	
		12:50	0.94	
		19:00	2.7	
22	Qui	1:30	0.88	
		8:00	2.75	
		14:10	0.82	
		20:20	2.85	
23	Sex	2:40	0.82	
		9:00	2.98	
		15:20	0.68	
		21:30	3.04	
24	Sab	3:40	0.75	
		10:00	3.21	
		16:20	0.55	
		22:30	3.23	
25	Dom	4:30	0.72	
		10:50	3.43	
		17:10	0.46	
		23:30	3.38	
26	Seg	5:20	0.72	
		11:50	3.58	
		18:10	0.35	
27	Ter	0:20	3.47	
		6:10	0.74	
		12:20	3.65	
		18:50	0.43	
28	Qua	1:10	3.47	
		6:50	0.84	
		13:00	3.63	
		19:40	0.48	
29	Qui	2:00	3.38	
		7:40	0.91	
		13:50	3.51	
		20:30	0.57	
30	Sex	2:50	3.23	
		8:30	0.99	
		14:30	3.33	
		21:20	0.69	
31	Sab	3:40	3.05	
		9:20	1.07	
		15:20	3.11	
		22:20	0.76	

Dia	Junho	Hora	Altura (m)	Fase Lunar
1	Dom	4:40	2.85	
		10:10	1.13	
		16:20	2.87	
		23:10	0.88	
2	Seg	5:40	2.69	
		11:10	1.16	
		17:20	2.68	
3	Ter	0:10	0.96	
		6:40	2.59	
		12:20	1.16	
		18:20	2.57	
4	Qua	1:10	1.01	
		7:30	2.58	
		13:30	1.15	
		19:40	2.52	
5	Qui	2:00	1.06	
		8:20	2.64	
		14:30	1.1	
		20:40	2.57	
6	Sex	2:50	1.07	
		9:10	2.75	
		15:30	1.01	
		21:40	2.65	
7	Sab	3:30	1.07	
		9:40	2.89	
		16:10	0.92	
		22:20	2.79	
8	Dom	4:10	1.05	
		10:20	3.05	
		16:50	0.84	
		23:10	2.9	
9	Seg	4:40	1.01	
		10:50	3.19	
		17:30	0.77	
		23:40	3.03	
10	Ter	5:10	0.98	
		11:30	3.31	
		18:10	0.72	
11	Qua	0:20	3.1	
		5:50	0.95	
		12:00	3.4	
		18:50	0.69	
12	Qui	1:00	3.12	
		6:20	0.97	
		12:40	3.44	
		19:20	0.71	
13	Sex	1:30	3.11	
		7:00	0.98	
		13:10	3.45	
		20:00	0.73	
14	Sab	2:10	3.05	
		7:40	1.0	
		13:50	3.41	
		20:40	0.77	
15	Dom	2:50	2.97	
		8:30	1.0	
		14:40	3.28	
		21:20	0.81	
16	Seg	3:30	2.89	
		9:20	0.99	
		15:30	3.13	
		22:10	0.82	
17	Ter	4:20	2.8	
		10:10	0.98	
		16:20	2.97	
		23:00	0.83	
18	Qua	5:20	2.74	
		11:20	0.9	
		17:30	2.82	
		23:50	0.85	
19	Qui	6:20	2.74	
		12:30	0.83	
		18:40	2.78	
20	Sex	1:00	0.83	
		7:20	2.82	
		13:50	0.76	
		20:00	2.82	
21	Sab	2:00	0.85	
		8:20	2.96	
		15:00	0.7	
		21:10	2.92	
22	Dom	3:00	0.87	
		9:20	3.13	
		16:00	0.62	
		22:20	3.04	
23	Seg	4:00	0.87	
		10:20	3.3	
		17:00	0.51	
		23:20	3.17	
24	Ter	5:00	0.85	
		11:10	3.44	
		17:50	0.46	
25	Qua	0:10	3.29	
		5:50	0.87	
		12:00	3.52	
		18:50	0.35	
26	Qui	1:00	3.35	
		6:40	0.88	
		12:50	3.53	
		19:40	0.36	
27	Sex	1:50	3.34	
		7:30	0.91	
		13:40	3.47	
		20:30	0.41	
28	Sab	2:40	3.26	
		8:20	0.93	
		14:30	3.35	
		21:10	0.58	
29	Dom	3:30	3.13	
		9:10	0.96	
		15:10	3.19	
		22:00	0.68	
30	Seg	4:10	3.0	
		10:00	0.99	
		16:00	2.99	
		22:40	0.83	

Simbologia das fases lunares:

Horários no padrão local (Fuso Horário UTC - 3:00)

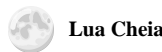
Dados de nível sem Georreferenciamento



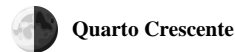
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

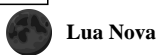
Dia	Julho	Hora	Altura (m)	Fase Lunar
1	Ter	5:00	2.84	
		10:50	1.01	
		16:50	2.81	
		23:30	0.93	
2	Qua	5:40	2.72	
		11:40	1.04	
		17:50	2.64	
3	Qui	0:10	1.02	
		6:30	2.63	
		12:40	1.06	
		18:40	2.54	
4	Sex	0:50	1.07	
		7:10	2.6	
		13:40	1.1	
		19:40	2.5	
5	Sab	1:40	1.11	
		8:00	2.64	
		14:40	1.1	
		20:40	2.51	
6	Dom	2:20	1.1	
		8:40	2.73	
		15:30	1.05	
		21:40	2.58	
7	Seg	3:10	1.1	
		9:30	2.87	
		16:20	0.97	
		22:30	2.7	
8	Ter	3:50	1.07	
		10:10	3.03	
		17:00	0.89	
		23:10	2.85	
9	Qua	4:30	1.04	
		10:50	3.18	
		17:40	0.81	
10	Qui	0:00	2.96	
		5:20	0.99	
		11:40	3.32	
		18:20	0.75	
11	Sex	0:30	3.09	
		6:00	0.97	
		12:20	3.42	
		19:00	0.71	
12	Sab	1:10	3.15	
		6:50	0.91	
		13:00	3.48	
		19:40	0.7	
13	Dom	1:50	3.18	
		7:30	0.9	
		13:50	3.46	
		20:20	0.7	
14	Seg	2:30	3.16	
		8:20	0.85	
		14:30	3.4	
		21:00	0.72	
15	Ter	3:10	3.12	
		9:10	0.82	
		15:20	3.27	
		21:40	0.75	
16	Qua	4:00	3.04	
		10:00	0.8	
		16:10	3.11	
		22:30	0.77	
17	Qui	4:50	2.96	
		11:00	0.78	
		17:10	2.94	
		23:20	0.81	
18	Sex	5:40	2.89	
		12:10	0.77	
		18:10	2.81	
19	Sab	0:20	0.86	
		6:40	2.85	
		13:20	0.8	
		19:30	2.75	
20	Dom	1:20	0.94	
		7:50	2.88	
		14:30	0.81	
		20:50	2.76	
21	Seg	2:30	1.0	
		9:00	2.97	
		15:40	0.74	
		22:00	2.86	
22	Ter	3:40	1.02	
		10:00	3.11	
		16:50	0.55	
		23:10	3.0	
23	Qua	4:40	0.98	
		11:00	3.26	
		17:50	0.36	
24	Qui	0:00	3.18	
		5:40	0.88	
		12:00	3.38	
		18:40	0.28	
25	Sex	0:50	3.3	
		6:30	0.83	
		12:50	3.47	
		19:30	0.25	
26	Sab	1:40	3.36	
		7:20	0.79	
		13:30	3.49	
		20:10	0.37	
27	Dom	2:20	3.36	
		8:10	0.76	
		14:20	3.42	
		20:50	0.51	
28	Seg	3:00	3.28	
		8:50	0.81	
		15:00	3.3	
		21:30	0.66	
29	Ter	3:40	3.15	
		9:30	0.85	
		15:40	3.13	
		22:00	0.82	
30	Qua	4:10	2.99	
		10:10	0.88	
		16:20	2.92	
		22:40	0.91	
31	Qui	4:50	2.82	
		11:00	0.91	
		17:00	2.72	
		23:10	0.97	

Dia	Agosto	Hora	Altura (m)	Fase Lunar
1	Sex	5:20	2.68	
		11:40	0.94	
		17:50	2.54	
		23:40	1.01	
2	Sab	6:00	2.57	
		12:40	1.0	
		18:40	2.42	
3	Dom	0:20	1.05	
		6:40	2.53	
		13:40	1.07	
		19:50	2.38	
4	Seg	1:10	1.08	
		7:40	2.58	
		14:40	1.1	
		20:50	2.42	
5	Ter	2:10	1.11	
		8:40	2.69	
		15:40	1.07	
		21:50	2.54	
6	Qua	3:10	1.1	
		9:40	2.87	
		16:30	0.97	
		22:50	2.71	
7	Qui	4:10	1.05	
		10:30	3.07	
		17:20	0.84	
		23:30	2.93	
8	Sex	5:00	0.97	
		11:20	3.27	
		18:00	0.74	
9	Sab	0:10	3.12	
		5:50	0.86	
		12:10	3.43	
		18:40	0.66	
10	Dom	0:50	3.27	
		6:40	0.75	
		12:50	3.55	
		19:20	0.61	
11	Seg	1:30	3.36	
		7:20	0.71	
		13:40	3.58	
		20:00	0.61	
12	Ter	2:10	3.39	
		8:10	0.65	
		14:20	3.54	
		20:40	0.63	
13	Qua	2:50	3.36	
		9:00	0.63	
		15:10	3.41	
		21:20	0.68	
14	Qui	3:30	3.28	
		9:50	0.65	
		15:50	3.24	
		22:00	0.76	
15	Sex	4:10	3.16	
		10:40	0.72	
		16:50	3.0	
		22:50	0.84	
16	Sab	5:00	3.0	
		11:40	0.8	
		17:50	2.79	
		23:40	0.96	
17	Dom	6:10	2.83	
		12:50	0.89	
		19:10	2.64	
18	Seg	0:50	1.06	
		7:20	2.75	
		14:20	0.9	
		20:40	2.6	
19	Ter	2:10	1.14	
		8:40	2.79	
		15:30	0.79	
		22:00	2.7	
20	Qua	3:30	1.1	
		9:50	2.92	
		16:40	0.53	
		23:00	2.91	
21	Qui	4:40	0.93	
		10:50	3.12	
		17:30	0.4	
		23:50	3.14	
22	Sex	5:30	0.81	
		11:50	3.3	
		18:20	0.29	
23	Sab	0:40	3.32	
		6:20	0.69	
		12:40	3.44	
		19:10	0.24	
24	Dom	1:20	3.43	
		7:10	0.61	
		13:20	3.51	
		19:50	0.34	
25	Seg	1:50	3.46	
		7:50	0.62	
		14:00	3.49	
		20:20	0.55	
26	Ter	2:30	3.4	
		8:30	0.66	
		14:40	3.38	
		20:50	0.71	
27	Qua	3:00	3.28	
		9:00	0.73	
		15:10	3.22	
		21:20	0.83	
28	Qui	3:20	3.12	
		9:40	0.77	
		15:50	3.0	
		21:40	0.92	
29	Sex	3:50	2.94	
		10:10	0.83	
		16:20	2.77	
		22:10	0.97	
30	Sab	4:20	2.78	
		10:50	0.89	
		17:00	2.54	
		22:40	1.05	
31	Dom	4:50	2.65	
		11:40	0.96	
		17:40	2.36	
		23:10	1.15	

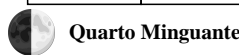
Simbologia das fases lunares:

Horários no padrão local (Fuso Horário UTC - 3:00)

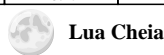
Dados de nível sem Georreferenciamento



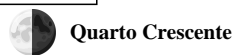
Lua Nova



Quarto Minguante



Lua Cheia

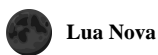


Quarto Crescente

Dia	Setembro	Hora	Altura (m)	Fase Lunar
1	Seg	5:40	2.54	
		12:40	1.03	
		18:50	2.28	
2	Ter	0:00	1.2	
		6:40	2.49	
		13:50	1.09	
		20:10	2.32	
3	Qua	1:20	1.16	
		7:50	2.56	
		15:00	1.09	
		21:20	2.46	
4	Qui	2:40	1.11	
		9:10	2.76	
		16:00	0.99	
		22:20	2.69	
5	Sex	3:50	1.01	
		10:10	3.0	
		16:50	0.83	
		23:00	2.96	
6	Sab	4:50	0.85	
		11:10	3.25	
		17:40	0.67	
		23:50	3.21	
7	Dom	5:40	0.69	
		11:50	3.47	
		18:20	0.58	
8	Seg	0:30	3.41	
		6:30	0.55	
		12:40	3.62	
		19:00	0.54	
9	Ter	1:00	3.55	
		7:10	0.51	
		13:20	3.68	
		19:40	0.55	
10	Qua	1:40	3.59	
		8:00	0.47	
		14:10	3.62	
		20:10	0.65	
11	Qui	2:20	3.56	
		8:40	0.54	
		14:50	3.48	
		20:50	0.73	
12	Sex	3:00	3.44	
		9:30	0.62	
		15:40	3.25	
		21:30	0.84	
13	Sab	3:40	3.27	
		10:20	0.74	
		16:30	2.99	
		22:20	0.95	
14	Dom	4:30	3.03	
		11:20	0.87	
		17:40	2.72	
		23:20	1.07	
15	Seg	5:40	2.77	
		12:40	0.96	
		19:00	2.54	
16	Ter	0:30	1.18	
		6:50	2.63	
		14:00	0.97	
		20:30	2.51	
17	Qua	2:00	1.22	
		8:20	2.64	
		15:20	0.77	
		21:50	2.65	
18	Qui	3:20	1.1	
		9:40	2.79	
		16:20	0.56	
		22:40	2.9	
19	Sex	4:30	0.85	
		10:40	3.02	
		17:10	0.42	
		23:30	3.15	
20	Sab	5:20	0.68	
		11:30	3.24	
		18:00	0.31	
21	Dom	0:10	3.34	
		6:10	0.54	
		12:20	3.4	
		18:40	0.36	
22	Seg	0:50	3.46	
		6:50	0.51	
		13:00	3.48	
		19:10	0.53	
23	Ter	1:20	3.5	
		7:20	0.57	
		13:40	3.47	
		19:40	0.68	
24	Qua	1:50	3.47	
		8:00	0.6	
		14:10	3.39	
		20:10	0.79	
25	Qui	2:10	3.37	
		8:30	0.67	
		14:40	3.23	
		20:30	0.88	
26	Sex	2:40	3.23	
		9:00	0.73	
		15:10	3.03	
		21:00	0.94	
27	Sab	3:00	3.08	
		9:40	0.5	
		15:40	2.8	
		21:20	1.03	
28	Dom	3:30	2.95	
		10:10	0.9	
		16:20	2.57	
		21:50	1.12	
29	Seg	4:00	2.83	
		11:00	0.97	
		17:00	2.38	
		22:30	1.2	
30	Ter	4:50	2.66	
		11:50	1.04	
		18:10	2.27	
		23:30	1.23	

Dia	Outubro	Hora	Altura (m)	Fase Lunar
1	Qua	6:00	2.51	
		13:00	1.07	
		19:30	2.31	
2	Qui	0:50	1.17	
		7:20	2.52	
		14:20	1.04	
		20:40	2.48	
3	Sex	2:20	1.05	
		8:40	2.71	
		15:20	0.95	
		21:40	2.74	
4	Sab	3:30	0.9	
		9:50	2.98	
		16:20	0.79	
		22:30	3.04	
5	Dom	4:30	0.72	
		10:50	3.25	
		17:00	0.69	
		23:20	3.31	
6	Seg	5:20	0.56	
		11:40	3.47	
		17:50	0.58	
7	Ter	0:00	3.53	
		6:10	0.44	
		12:20	3.63	
		18:30	0.57	
8	Qua	0:40	3.67	
		7:00	0.37	
		13:10	3.67	
		19:10	0.61	
9	Qui	1:20	3.7	
		7:40	0.43	
		13:50	3.62	
		19:50	0.69	
10	Sex	2:00	3.64	
		8:30	0.5	
		14:40	3.44	
		20:30	0.81	
11	Sab	2:40	3.49	
		9:10	0.67	
		15:30	3.2	
		21:10	0.95	
12	Dom	3:20	3.27	
		10:10	0.78	
		16:20	2.93	
		22:00	1.07	
13	Seg	4:10	2.99	
		11:10	0.91	
		17:30	2.67	
		23:00	1.18	
14	Ter	5:20	2.71	
		12:20	0.99	
		18:50	2.52	
15	Qua	0:20	1.24	
		6:40	2.56	
		13:50	0.92	
		20:20	2.51	
16	Qui	2:00	1.19	
		8:10	2.57	
		15:00	0.77	
		21:20	2.68	
17	Sex	3:10	1.03	
		9:20	2.72	
		16:00	0.59	
		22:20	2.89	
18	Sab	4:10	0.82	
		10:20	2.93	
		16:40	0.57	
		23:00	3.12	
19	Dom	5:00	0.66	
		11:10	3.13	
		17:20	0.58	
		23:30	3.3	
20	Seg	5:40	0.58	
		12:00	3.27	
		18:00	0.62	
21	Ter	0:10	3.42	
		6:20	0.55	
		12:40	3.35	
		18:30	0.74	
22	Qua	0:40	3.48	
		7:00	0.55	
		13:10	3.37	
		19:00	0.82	
23	Qui	1:00	3.47	
		7:30	0.61	
		13:40	3.31	
		19:30	0.87	
24	Sex	1:30	3.41	
		8:00	0.67	
		14:10	3.19	
		19:50	0.94	
25	Sab	1:50	3.32	
		8:30	0.74	
		14:40	3.01	
		20:10	1.02	
26	Dom	2:20	3.22	
		9:10	0.81	
		15:10	2.82	
		20:40	1.09	
27	Seg	2:50	3.11	
		9:40	0.91	
		15:50	2.63	
		21:20	1.15	
28	Ter	3:30	2.97	
		10:30	0.97	
		16:40	2.46	
		22:10	1.19	
29	Qua	4:20	2.78	
		11:20	1.02	
		17:40	2.36	
		23:10	1.2	
30	Qui	5:30	2.59	
		12:30	1.0	
		18:50	2.39	
31	Sex	0:30	1.09	
		6:50	2.56	
		13:40	0.96	
		20:00	2.56	

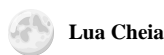
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC - 3:00)
 Dados de nível sem Georreferenciamento



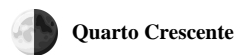
Lua Nova



Quarto Minguante



Lua Cheia

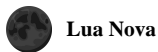


Quarto Crescente

Dia	Novembro	Hora	Altura (m)	Fase Lunar
1	Sab	2:00	0.93	
		8:10	2.73	
		14:40	0.88	
		21:00	2.82	
2	Dom	3:10	0.79	
		9:20	2.97	
		15:40	0.78	
		22:00	3.1	
3	Seg	4:10	0.63	
		10:20	3.21	
		16:30	0.7	
		22:40	3.36	
4	Ter	5:00	0.5	
		11:20	3.41	
		17:20	0.64	
		23:30	3.57	
5	Qua	5:50	0.42	
		12:10	3.54	
		18:00	0.67	
		0:10	3.69	
		6:40	0.39	
		13:00	3.57	
		18:40	0.74	
7	Sex	0:50	3.72	
		7:30	0.43	
		13:40	3.52	
		19:30	0.8	
8	Sab	1:40	3.63	
		8:20	0.51	
		14:30	3.36	
		20:10	0.93	
9	Dom	2:20	3.47	
		9:10	0.64	
		15:20	3.14	
		21:00	1.04	
10	Seg	3:10	3.23	
		10:00	0.78	
		16:20	2.9	
		21:50	1.14	
11	Ter	4:00	2.96	
		11:00	0.88	
		17:20	2.7	
		23:00	1.17	
12	Qua	5:00	2.72	
		12:10	0.92	
		18:40	2.58	
		0:20	1.17	
		6:20	2.59	
		13:20	0.92	
		19:50	2.58	
14	Sex	1:40	1.13	
		7:40	2.57	
		14:20	0.89	
		20:50	2.68	
15	Sab	2:50	1.01	
		9:00	2.65	
		15:20	0.81	
		21:40	2.84	
16	Dom	3:40	0.89	
		9:50	2.81	
		16:00	0.83	
		22:20	3.01	
17	Seg	4:30	0.76	
		10:40	2.96	
		16:40	0.85	
		22:50	3.17	
18	Ter	5:10	0.7	
		11:30	3.07	
		17:20	0.87	
		23:30	3.29	
19	Qua	5:50	0.66	
		12:10	3.16	
		17:50	0.92	
20	Qui	0:00	3.38	
		6:30	0.65	
		12:40	3.21	
		18:20	0.94	
21	Sex	0:30	3.41	
		7:00	0.68	
		13:20	3.17	
		18:50	0.95	
22	Sab	0:50	3.4	
		7:40	0.7	
		13:50	3.11	
		19:10	1.0	
23	Dom	1:20	3.36	
		8:10	0.76	
		14:20	3.0	
		19:50	1.03	
24	Seg	2:00	3.28	
		8:40	0.83	
		14:50	2.87	
		20:20	1.09	
25	Ter	2:30	3.2	
		9:20	0.88	
		15:30	2.73	
		21:00	1.13	
26	Qua	3:20	3.04	
		10:10	0.9	
		16:20	2.62	
		22:00	1.11	
27	Qui	4:10	2.87	
		11:00	0.92	
		17:10	2.55	
		23:00	1.07	
28	Sex	5:10	2.72	
		11:50	0.92	
		18:20	2.56	
29	Sab	0:20	0.93	
		6:30	2.67	
		13:00	0.87	
		19:20	2.68	
30	Dom	1:30	0.84	
		7:40	2.76	
		14:00	0.84	
		20:20	2.88	

Dia	Dezembro	Hora	Altura (m)	Fase Lunar
1	Seg	2:40	0.74	
		9:00	2.93	
		15:00	0.8	
		21:20	3.1	
2	Ter	3:50	0.62	
		10:00	3.11	
		15:50	0.79	
		22:10	3.32	
3	Qua	4:40	0.54	
		11:00	3.27	
		16:50	0.76	
		23:00	3.5	
4	Qui	5:40	0.44	
		11:50	3.39	
		17:40	0.78	
		23:50	3.61	
5	Sex	6:30	0.42	
		12:40	3.44	
		18:20	0.86	
		0:40	3.63	
		7:20	0.44	
		13:40	3.38	
		19:10	0.91	
7	Dom	1:20	3.57	
		8:10	0.5	
		14:30	3.29	
		20:00	0.97	
8	Seg	2:10	3.43	
		9:00	0.59	
		15:20	3.14	
		20:50	1.03	
9	Ter	3:00	3.24	
		9:50	0.7	
		16:10	2.98	
		21:50	1.05	
10	Qua	3:50	3.02	
		10:50	0.76	
		17:10	2.82	
		22:50	1.06	
11	Qui	4:50	2.82	
		11:40	0.87	
		18:10	2.7	
		23:50	1.08	
12	Sex	6:00	2.67	
		12:40	0.94	
		19:00	2.66	
13	Sab	1:00	1.08	
		7:10	2.59	
		13:30	1.02	
		20:00	2.67	
14	Dom	2:10	1.06	
		8:20	2.57	
		14:20	1.06	
		20:40	2.75	
15	Seg	3:10	0.99	
		9:20	2.63	
		15:10	1.08	
		21:30	2.85	
16	Ter	4:00	0.92	
		10:10	2.73	
		15:50	1.09	
		22:10	2.98	
17	Qua	4:40	0.87	
		11:00	2.82	
		16:30	1.08	
		22:40	3.12	
18	Qui	5:20	0.82	
		11:40	2.93	
		17:00	1.05	
		23:20	3.23	
19	Sex	6:00	0.78	
		12:20	3.0	
		17:40	1.02	
		23:50	3.32	
20	Sab	6:40	0.75	
		12:50	3.07	
		18:10	1.01	
21	Dom	0:30	3.37	
		7:10	0.75	
		13:30	3.06	
		18:50	1.0	
22	Seg	1:00	3.38	
		7:50	0.75	
		14:00	3.04	
		19:30	1.0	
23	Ter	1:40	3.35	
		8:30	0.76	
		14:30	2.99	
		20:10	1.0	
24	Qua	2:20	3.29	
		9:00	0.81	
		15:10	2.92	
		21:00	0.97	
25	Qui	3:10	3.16	
		9:40	0.83	
		16:00	2.85	
		21:50	0.94	
26	Sex	4:00	3.02	
		10:30	0.82	
		16:40	2.8	
		22:50	0.88	
27	Sab	4:50	2.89	
		11:20	0.82	
		17:40	2.77	
		23:50	0.84	
28	Dom	6:00	2.78	
		12:20	0.82	
		18:40	2.8	
29	Seg	1:00	0.79	
		7:10	2.78	
		13:20	0.84	
		19:40	2.89	
30	Ter	2:20	0.75	
		8:30	2.84	
		14:20	0.88	
		20:50	3.03	
31	Qua	3:30	0.69	
		9:40	2.94	
		15:20	0.91	

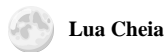
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC - 3:00)
 Dados de nível sem Georreferenciamento



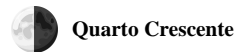
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente