

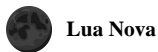
Dia	Janeiro	Hora	Altura (m)	Fase Lunar
1	Qua	6:20	0.68	
		12:50	3.1	
		18:20	0.88	
2	Qui	0:30	3.49	
		7:20	0.66	
		13:30	3.04	
		19:00	0.91	
3	Sex	1:20	3.44	
		8:00	0.7	
		14:10	2.96	
		19:40	0.92	
4	Sab	2:00	3.36	
		8:40	0.75	
		14:40	2.9	
		20:30	0.9	
5	Dom	2:50	3.21	
		9:20	0.78	
		15:30	2.83	
		21:20	0.88	
6	Seg	3:40	3.01	
		10:10	0.8	
		16:20	2.79	
		22:30	0.86	
7	Ter	4:40	2.79	
		10:50	0.84	
		17:20	2.77	
		23:50	0.87	
8	Qua	5:50	2.58	
		11:40	0.87	
		18:20	2.78	
9	Qui	1:10	0.85	
		7:10	2.49	
		12:50	0.9	
		19:30	2.84	
10	Sex	2:20	0.74	
		8:30	2.57	
		14:00	0.88	
		20:30	2.97	
11	Sab	3:30	0.57	
		9:40	2.76	
		15:00	0.83	
		21:30	3.11	
12	Dom	4:20	0.49	
		10:40	2.97	
		16:10	0.78	
		22:30	3.24	
13	Seg	5:20	0.38	
		11:30	3.16	
		17:10	0.74	
		23:20	3.34	
14	Ter	6:00	0.4	
		12:20	3.26	
		18:00	0.73	
15	Qua	0:10	3.38	
		6:50	0.38	
		13:10	3.25	
		18:40	0.74	
16	Qui	0:50	3.36	
		7:40	0.39	
		13:50	3.16	
		19:20	0.74	
17	Sex	1:30	3.28	
		8:20	0.5	
		14:30	3.0	
		20:00	0.74	
18	Sab	2:10	3.12	
		9:00	0.61	
		15:00	2.82	
		20:40	0.74	
19	Dom	2:50	2.92	
		9:30	0.73	
		15:30	2.66	
		21:20	0.75	
20	Seg	3:30	2.68	
		9:50	0.78	
		16:00	2.56	
		22:10	0.79	
21	Ter	4:10	2.44	
		10:10	0.82	
		16:30	2.5	
		23:00	0.85	
22	Qua	4:50	2.24	
		10:40	0.87	
		17:10	2.49	
23	Qui	0:10	0.95	
		5:50	2.12	
		11:20	0.93	
		18:10	2.51	
24	Sex	1:20	1.01	
		7:10	2.12	
		12:20	0.97	
		19:10	2.57	
25	Sab	2:20	0.96	
		8:20	2.27	
		13:50	0.97	
		20:10	2.7	
26	Dom	3:20	0.87	
		9:30	2.52	
		14:40	0.92	
		21:10	2.9	
27	Seg	4:10	0.76	
		10:20	2.78	
		15:50	0.85	
		22:10	3.13	
28	Ter	5:00	0.66	
		11:10	3.0	
		16:40	0.8	
		23:00	3.34	
29	Qua	5:40	0.6	
		11:50	3.16	
		17:30	0.75	
		23:50	3.51	
30	Qui	6:30	0.54	
		12:30	3.23	
		18:10	0.74	
31	Sex	0:30	3.61	
		7:10	0.54	
		13:10	3.25	
		18:50	0.73	

Dia	Fevereiro	Hora	Altura (m)	Fase Lunar
1	Sab	1:10	3.61	
		7:40	0.6	
		13:50	3.23	
		19:40	0.7	
2	Dom	1:50	3.51	
		8:20	0.64	
		14:20	3.21	
		20:20	0.71	
3	Seg	2:40	3.31	
		8:50	0.7	
		15:00	3.16	
		21:20	0.71	
4	Ter	3:20	3.07	
		9:30	0.74	
		15:40	3.1	
		22:10	0.78	
5	Qua	4:10	2.8	
		10:10	0.79	
		16:30	2.97	
		23:20	0.88	
6	Qui	5:20	2.52	
		11:00	0.88	
		17:30	2.81	
		0:40	0.97	
		6:40	2.34	
		12:10	1.0	
		18:50	2.65	
8	Sab	2:00	0.91	
		8:10	2.39	
		13:30	1.05	
		20:00	2.66	
9	Dom	3:10	0.73	
		9:30	2.6	
		14:50	0.98	
		21:20	2.81	
10	Seg	4:10	0.54	
		10:30	2.85	
		16:00	0.83	
		22:20	3.02	
11	Ter	5:00	0.41	
		11:20	3.08	
		17:00	0.69	
		23:10	3.23	
12	Qua	5:50	0.31	
		12:00	3.24	
		17:40	0.63	
		0:00	3.38	
		6:40	0.25	
		12:40	3.29	
		18:20	0.58	
		0:40	3.45	
		7:20	0.3	
		13:20	3.26	
		19:00	0.55	
		1:20	3.39	
		7:50	0.44	
		13:50	3.17	
		19:40	0.54	
		2:00	3.23	
		8:20	0.55	
		14:10	3.03	
		20:20	0.55	
17	Seg	2:30	2.99	
		8:30	0.65	
		14:40	2.91	
		20:50	0.61	
18	Ter	3:00	2.72	
		8:50	0.71	
		15:00	2.82	
		21:30	0.68	
19	Qua	3:30	2.47	
		9:00	0.82	
		15:30	2.74	
		22:20	0.78	
20	Qui	4:00	2.27	
		9:30	0.89	
		16:10	2.66	
		23:10	0.91	
21	Sex	4:50	2.12	
		10:10	0.99	
		17:00	2.55	
		0:10	1.03	
		6:10	2.05	
		11:20	1.08	
		18:10	2.46	
23	Dom	1:20	1.07	
		7:40	2.16	
		12:50	1.1	
		19:30	2.5	
24	Seg	2:40	1.0	
		9:00	2.44	
		14:20	1.01	
		20:50	2.74	
25	Ter	3:40	0.84	
		10:00	2.75	
		15:30	0.86	
		21:50	3.07	
26	Qua	4:40	0.65	
		10:50	3.03	
		16:30	0.7	
		22:50	3.38	
27	Qui	5:20	0.55	
		11:30	3.26	
		17:10	0.61	
		23:40	3.61	
28	Sex	6:10	0.45	
		12:10	3.42	
		18:00	0.53	

Simbologia das fases lunares:

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

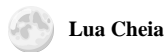
Dados de nível sem Georreferenciamento



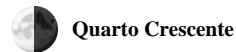
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

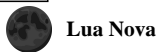
Dia	Março	Hora	Altura (m)	Fase Lunar
1	Sab	0:20	3.73	
		6:40	0.49	
		12:40	3.51	
		18:40	0.51	
2	Dom	1:00	3.71	
		7:20	0.52	
		13:20	3.54	
		19:30	0.5	
3	Seg	1:40	3.56	
		7:50	0.61	
		13:50	3.52	
		20:20	0.53	
4	Ter	2:20	3.33	
		8:20	0.68	
		14:30	3.42	
		21:00	0.64	
5	Qua	3:00	3.05	
		8:50	0.74	
		15:10	3.25	
		21:50	0.77	
6	Qui	3:50	2.75	
		9:30	0.83	
		15:50	3.02	
		22:50	0.94	
7	Sex	4:50	2.47	
		10:20	0.96	
		16:50	2.72	
8	Sab	0:10	1.1	
		6:20	2.25	
		11:40	1.13	
		18:10	2.45	
9	Dom	1:30	1.08	
		8:00	2.28	
		13:20	1.2	
		19:50	2.4	
10	Seg	2:50	0.82	
		9:20	2.49	
		14:50	1.01	
		21:10	2.61	
11	Ter	4:00	0.51	
		10:10	2.77	
		15:50	0.79	
		22:10	2.91	
12	Qua	4:50	0.33	
		11:00	3.02	
		16:40	0.61	
		23:00	3.18	
13	Qui	5:30	0.27	
		11:40	3.21	
		17:20	0.5	
		23:40	3.39	
14	Sex	6:10	0.28	
		12:10	3.34	
		18:00	0.42	
		0:20	3.46	
15	Sab	6:40	0.37	
		12:40	3.37	
		18:40	0.38	
16	Dom	1:00	3.4	
		7:10	0.47	
		13:10	3.34	
		19:20	0.38	
17	Seg	1:30	3.23	
		7:30	0.57	
		13:30	3.26	
		19:50	0.44	
18	Ter	2:00	2.99	
		7:40	0.66	
		13:50	3.16	
		20:30	0.53	
19	Qua	2:30	2.74	
		8:00	0.75	
		14:20	3.06	
		21:00	0.66	
20	Qui	2:50	2.53	
		8:20	0.85	
		14:40	2.95	
		21:30	0.8	
21	Sex	3:20	2.36	
		8:50	0.94	
		15:20	2.8	
		22:10	0.93	
22	Sab	4:10	2.21	
		9:40	1.04	
		16:10	2.62	
		23:10	1.06	
23	Dom	5:30	2.09	
		10:50	1.15	
		17:20	2.45	
24	Seg	0:40	1.13	
		7:10	2.13	
		12:30	1.17	
		19:00	2.42	
25	Ter	2:10	1.04	
		8:30	2.41	
		14:00	1.02	
		20:30	2.7	
26	Qua	3:20	0.82	
		9:30	2.75	
		15:10	0.79	
		21:40	3.08	
27	Qui	4:10	0.62	
		10:20	3.09	
		16:10	0.58	
		22:30	3.41	
28	Sex	5:00	0.48	
		11:00	3.38	
		17:00	0.42	
		23:20	3.64	
29	Sab	5:30	0.46	
		11:40	3.61	
		17:50	0.33	
30	Dom	0:00	3.73	
		6:10	0.48	
		12:20	3.73	
		18:30	0.34	
31	Seg	0:50	3.66	
		6:40	0.56	
		12:50	3.77	
		19:20	0.38	

Dia	Abril	Hora	Altura (m)	Fase Lunar
1	Ter	1:30	3.5	
		7:10	0.65	
		13:30	3.68	
		20:00	0.5	
2	Qua	2:10	3.26	
		7:50	0.73	
		14:00	3.51	
		20:50	0.64	
3	Qui	2:50	2.98	
		8:20	0.82	
		14:40	3.24	
		21:30	0.82	
4	Sex	3:40	2.69	
		9:10	0.94	
		15:20	2.92	
		22:30	1.0	
5	Sab	4:40	2.41	
		10:10	1.08	
		16:20	2.58	
		23:40	1.17	
6	Dom	6:10	2.21	
		11:30	1.24	
		17:50	2.3	
7	Seg	1:10	1.13	
		7:50	2.24	
		13:20	1.25	
		19:30	2.29	
8	Ter	2:30	0.84	
		9:00	2.43	
		14:30	1.02	
		20:50	2.53	
9	Qua	3:30	0.57	
		9:50	2.68	
		15:30	0.76	
		21:50	2.83	
10	Qui	4:20	0.41	
		10:30	2.95	
		16:20	0.55	
		22:40	3.09	
11	Sex	5:00	0.37	
		11:00	3.19	
		17:00	0.41	
		23:20	3.27	
12	Sab	5:30	0.42	
		11:30	3.37	
		17:40	0.32	
13	Dom	0:00	3.33	
		5:50	0.5	
		12:00	3.46	
		18:20	0.3	
14	Seg	0:30	3.28	
		6:20	0.55	
		12:30	3.47	
		19:00	0.34	
15	Ter	1:10	3.13	
		6:40	0.62	
		12:50	3.42	
		19:30	0.43	
16	Qua	1:30	2.96	
		7:00	0.72	
		13:20	3.31	
		20:00	0.56	
17	Qui	2:00	2.77	
		7:20	0.84	
		13:40	3.21	
		20:30	0.71	
18	Sex	2:30	2.61	
		7:50	0.93	
		14:10	3.07	
		21:00	0.85	
19	Sab	3:00	2.47	
		8:30	1.01	
		14:50	2.88	
		21:40	0.97	
20	Dom	3:50	2.31	
		9:20	1.1	
		15:40	2.69	
		22:40	1.06	
21	Seg	5:00	2.18	
		10:30	1.18	
		17:00	2.5	
22	Ter	0:10	1.1	
		6:40	2.17	
		12:10	1.15	
		18:40	2.47	
23	Qua	1:40	1.0	
		8:00	2.43	
		13:40	0.96	
		20:00	2.71	
24	Qui	2:40	0.8	
		9:00	2.78	
		14:50	0.71	
		21:10	3.04	
25	Sex	3:30	0.63	
		9:40	3.14	
		15:50	0.47	
		22:10	3.33	
26	Sab	4:20	0.51	
		10:30	3.48	
		16:50	0.3	
		23:00	3.52	
27	Dom	5:00	0.49	
		11:10	3.72	
		17:40	0.23	
		23:50	3.58	
28	Seg	5:30	0.55	
		11:50	3.84	
		18:20	0.28	
29	Ter	0:30	3.54	
		6:10	0.62	
		12:30	3.82	
		19:10	0.36	
30	Qua	1:10	3.41	
		6:50	0.72	
		13:00	3.68	
		19:50	0.52	

Simbologia das fases lunares:

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

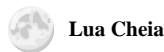
Dados de nível sem Georreferenciamento



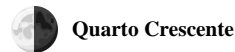
Lua Nova



Quarto Minguante



Lua Cheia

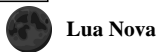


Quarto Crescente

Dia	Maio	Hora	Altura (m)	Fase Lunar
1	Qui	2:00	3.19	
		7:30	0.82	
		13:40	3.43	
		20:30	0.7	
2	Sex	2:40	2.94	
		8:10	0.94	
		14:20	3.12	
		21:20	0.86	
3	Sab	3:40	2.65	
		9:00	1.04	
		15:10	2.79	
		22:10	1.01	
4	Dom	4:40	2.4	
		10:00	1.15	
		16:10	2.49	
		23:30	1.13	
5	Seg	6:00	2.24	
		11:20	1.24	
		17:30	2.3	
		0:50	1.09	
		7:20	2.24	
		12:50	1.23	
		19:00	2.3	
7	Qua	2:00	0.89	
		8:20	2.39	
		14:00	1.03	
		20:20	2.47	
8	Qui	2:50	0.73	
		9:10	2.61	
		15:00	0.78	
		21:20	2.69	
9	Sex	3:30	0.65	
		9:40	2.89	
		15:50	0.57	
		22:10	2.89	
10	Sab	4:10	0.6	
		10:20	3.14	
		16:40	0.42	
		22:50	3.04	
11	Dom	4:40	0.59	
		10:50	3.34	
		17:20	0.35	
		23:30	3.11	
12	Seg	5:10	0.6	
		11:20	3.47	
		18:00	0.34	
13	Ter	0:10	3.1	
		5:30	0.63	
		11:50	3.5	
		18:30	0.41	
14	Qua	0:40	3.05	
		6:00	0.7	
		12:20	3.45	
		19:00	0.52	
15	Qui	1:10	2.95	
		6:30	0.81	
		12:50	3.36	
		19:30	0.65	
16	Sex	1:40	2.83	
		7:00	0.92	
		13:20	3.25	
		20:00	0.79	
17	Sab	2:10	2.7	
		7:40	1.0	
		13:50	3.13	
		20:40	0.88	
18	Dom	2:50	2.56	
		8:20	1.07	
		14:30	2.98	
		21:30	0.94	
19	Seg	3:40	2.42	
		9:10	1.11	
		15:30	2.8	
		22:30	0.98	
20	Ter	4:40	2.32	
		10:20	1.12	
		16:40	2.65	
		23:40	0.99	
21	Qua	6:00	2.31	
		11:50	1.05	
		18:10	2.58	
22	Qui	0:50	0.94	
		7:10	2.5	
		13:10	0.9	
		19:30	2.69	
23	Sex	1:50	0.82	
		8:10	2.8	
		14:30	0.66	
		20:40	2.91	
24	Sab	2:50	0.69	
		9:00	3.15	
		15:30	0.45	
		21:50	3.12	
25	Dom	3:30	0.62	
		9:50	3.46	
		16:30	0.31	
		22:40	3.29	
26	Seg	4:20	0.59	
		10:40	3.67	
		17:20	0.28	
		23:30	3.38	
27	Ter	5:30	0.63	
		11:20	3.76	
		18:10	0.31	
28	Qua	0:20	3.39	
		5:50	0.7	
		12:10	3.7	
		18:50	0.44	
29	Qui	1:10	3.31	
		6:40	0.79	
		12:50	3.54	
		19:40	0.55	
30	Sex	1:50	3.17	
		7:20	0.89	
		13:30	3.31	
		20:20	0.7	
31	Sab	2:40	2.95	
		8:10	0.97	
		14:10	3.05	
		21:10	0.81	

Dia	Junho	Hora	Altura (m)	Fase Lunar
1	Dom	3:30	2.71	
		9:00	1.03	
		15:00	2.79	
		22:10	0.92	
2	Seg	4:30	2.48	
		9:50	1.08	
		16:00	2.57	
		23:10	1.01	
3	Ter	5:30	2.33	
		10:50	1.12	
		17:00	2.41	
4	Qua	0:10	1.06	
		6:30	2.28	
		12:10	1.14	
		18:20	2.34	
5	Qui	1:10	1.02	
		7:20	2.37	
		13:20	1.04	
		19:30	2.37	
6	Sex	1:50	0.96	
		8:10	2.55	
		14:30	0.85	
		20:40	2.48	
7	Sab	2:30	0.88	
		8:50	2.79	
		15:20	0.67	
		21:40	2.6	
8	Dom	3:10	0.79	
		9:30	3.02	
		16:10	0.54	
		22:20	2.75	
9	Seg	3:40	0.72	
		10:00	3.21	
		16:50	0.48	
		23:00	2.88	
10	Ter	4:20	0.7	
		10:40	3.35	
		17:30	0.48	
		23:40	2.97	
11	Qua	5:00	0.72	
		11:20	3.4	
		18:10	0.53	
		0:20	3.01	
		6:40	0.77	
		12:00	3.39	
		18:40	0.61	
13	Sex	0:50	2.99	
		6:20	0.85	
		12:30	3.36	
		19:20	0.68	
14	Sab	1:30	2.91	
		7:00	0.93	
		13:10	3.29	
		19:50	0.77	
15	Dom	2:00	2.82	
		7:30	1.0	
		13:50	3.2	
		20:30	0.82	
16	Seg	2:40	2.71	
		8:10	1.03	
		14:30	3.1	
		21:20	0.83	
17	Ter	3:30	2.61	
		9:00	1.02	
		15:20	2.97	
		22:10	0.85	
18	Qua	4:20	2.56	
		10:10	0.98	
		16:30	2.79	
		23:00	0.87	
19	Qui	5:20	2.56	
		11:30	0.93	
		17:40	2.66	
20	Sex	0:00	0.88	
		6:20	2.66	
		12:50	0.85	
		19:00	2.6	
21	Sab	1:00	0.86	
		7:30	2.84	
		14:10	0.69	
		20:20	2.69	
22	Dom	2:00	0.8	
		8:30	3.07	
		15:20	0.52	
		21:20	2.86	
23	Seg	2:50	0.75	
		9:20	3.3	
		16:10	0.43	
		22:20	3.05	
24	Ter	3:50	0.72	
		10:20	3.46	
		17:10	0.36	
		23:20	3.2	
25	Qua	4:50	0.72	
		11:10	3.53	
		17:50	0.42	
26	Qui	0:10	3.29	
		6:40	0.75	
		13:00	3.51	
		18:40	0.45	
27	Sex	1:00	3.3	
		6:30	0.79	
		12:40	3.43	
		19:30	0.49	
28	Sab	1:40	3.21	
		7:20	0.82	
		13:30	3.28	
		20:10	0.59	
29	Dom	2:30	3.04	
		8:00	0.87	
		14:10	3.11	
		21:00	0.66	
30	Seg	3:10	2.84	
		8:40	0.9	
		14:50	2.92	
		21:50	0.76	

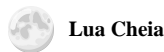
Simbologia das fases lunares:  
 Horários no padrão local (Fuso Horário UTC - 3:00)  
 Dados de nível sem Georreferenciamento



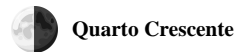
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

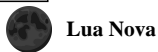
Dia	Julho	Hora	Altura (m)	Fase Lunar
1	Ter	4:00	2.63	
		9:30	0.92	
		15:40	2.72	
		22:30	0.87	
2	Qua	4:40	2.48	
		10:20	0.93	
		16:30	2.51	
		23:10	0.94	
3	Qui	5:20	2.4	
		11:20	0.96	
		17:30	2.34	
		23:40	0.96	
4	Sex	6:10	2.4	
		12:40	1.01	
		18:40	2.23	
5	Sab	0:20	0.97	
		6:50	2.48	
		13:50	0.96	
		19:50	2.24	
6	Dom	1:10	0.95	
		7:40	2.62	
		14:50	0.85	
		21:00	2.34	
7	Seg	2:00	0.91	
		8:40	2.81	
		15:40	0.75	
		21:50	2.51	
8	Ter	2:50	0.85	
		9:30	2.99	
		16:30	0.68	
		22:40	2.71	
9	Qua	3:50	0.8	
		10:10	3.15	
		17:10	0.64	
		23:20	2.9	
10	Qui	4:40	0.78	
		11:00	3.27	
		17:50	0.62	
11	Sex	0:00	3.03	
		5:30	0.78	
		11:40	3.36	
		18:20	0.64	
12	Sab	0:40	3.08	
		6:10	0.81	
		12:20	3.41	
		19:00	0.65	
13	Dom	1:10	3.07	
		6:50	0.84	
		13:00	3.43	
		19:40	0.66	
14	Seg	1:50	3.01	
		7:30	0.86	
		13:40	3.39	
		20:20	0.68	
15	Ter	2:20	2.97	
		8:10	0.86	
		14:30	3.27	
		21:00	0.71	
16	Qua	3:00	2.93	
		9:00	0.84	
		15:10	3.12	
		21:40	0.74	
17	Qui	3:50	2.88	
		10:00	0.82	
		16:10	2.89	
		22:20	0.79	
18	Sex	4:40	2.86	
		11:10	0.83	
		17:10	2.67	
		23:00	0.84	
19	Sab	5:30	2.85	
		12:20	0.87	
		18:30	2.48	
20	Dom	0:00	0.9	
		6:40	2.83	
		13:40	0.83	
		19:50	2.47	
21	Seg	1:10	0.93	
		7:50	2.88	
		15:00	0.68	
		21:10	2.63	
22	Ter	2:30	0.9	
		9:00	3.01	
		16:00	0.55	
		22:10	2.87	
23	Qua	3:40	0.82	
		10:00	3.17	
		16:50	0.47	
		23:10	3.09	
24	Qui	4:40	0.75	
		11:00	3.31	
		17:40	0.41	
25	Sex	0:00	3.26	
		5:40	0.68	
		11:50	3.41	
		18:30	0.36	
26	Sab	0:40	3.34	
		6:20	0.68	
		12:40	3.44	
		19:20	0.34	
27	Dom	1:30	3.29	
		7:10	0.66	
		13:20	3.39	
		20:00	0.41	
28	Seg	2:10	3.17	
		7:50	0.67	
		14:00	3.27	
		20:40	0.52	
29	Ter	2:40	3.0	
		8:30	0.69	
		14:40	3.07	
		21:10	0.65	
30	Qua	3:10	2.82	
		9:10	0.72	
		15:20	2.82	
		21:40	0.74	
31	Qui	3:40	2.67	
		9:50	0.75	
		15:50	2.55	
		22:00	0.8	

Dia	Agosto	Hora	Altura (m)	Fase Lunar
1	Sex	4:10	2.57	
		10:40	0.82	
		16:40	2.3	
		22:20	0.87	
2	Sab	4:50	2.51	
		11:40	0.92	
		17:40	2.11	
		22:50	0.96	
3	Dom	5:40	2.47	
		12:50	1.02	
		18:50	2.05	
		23:40	1.03	
4	Seg	6:40	2.47	
		14:00	1.04	
		20:10	2.15	
5	Ter	1:00	1.03	
		7:50	2.56	
		15:00	0.96	
		21:10	2.37	
6	Qua	2:20	0.97	
		9:00	2.75	
		15:50	0.85	
		22:10	2.64	
7	Qui	3:30	0.87	
		9:50	2.97	
		16:40	0.74	
		22:50	2.9	
8	Sex	4:30	0.78	
		10:50	3.21	
		17:30	0.62	
		23:40	3.1	
9	Sab	5:10	0.72	
		11:30	3.42	
		18:10	0.55	
		0:20	3.22	
10	Dom	6:00	0.67	
		12:10	3.56	
		18:50	0.51	
11	Seg	0:50	3.28	
		6:40	0.66	
		12:50	3.61	
		19:20	0.55	
12	Ter	1:30	3.28	
		7:30	0.66	
		13:30	3.56	
		20:00	0.58	
13	Qua	2:00	3.28	
		8:00	0.67	
		14:10	3.41	
		20:30	0.65	
14	Qui	2:30	3.27	
		8:50	0.67	
		15:00	3.17	
		21:00	0.71	
15	Sex	3:10	3.22	
		9:40	0.72	
		15:40	2.92	
		21:30	0.77	
16	Sab	4:00	3.1	
		10:40	0.82	
		16:40	2.63	
		22:20	0.85	
17	Dom	4:50	2.94	
		12:00	0.95	
		18:00	2.37	
		23:20	0.97	
18	Seg	6:00	2.73	
		13:20	1.0	
		19:30	2.31	
19	Ter	0:50	1.08	
		7:20	2.62	
		14:40	0.85	
		20:50	2.49	
20	Qua	2:20	1.03	
		8:50	2.72	
		15:40	0.66	
		22:00	2.77	
21	Qui	3:40	0.83	
		10:00	2.95	
		16:40	0.45	
		22:50	3.05	
22	Sex	4:40	0.66	
		10:50	3.19	
		17:30	0.31	
		23:40	3.26	
23	Sab	5:30	0.54	
		11:40	3.39	
		18:10	0.27	
24	Dom	0:20	3.37	
		6:10	0.5	
		12:20	3.5	
		18:50	0.29	
25	Seg	1:00	3.39	
		6:50	0.48	
		13:00	3.49	
		19:30	0.37	
26	Ter	1:30	3.31	
		7:30	0.48	
		13:40	3.55	
		20:00	0.5	
27	Qua	2:00	3.18	
		8:00	0.52	
		14:20	3.12	
		20:20	0.62	
28	Qui	2:30	3.02	
		8:40	0.56	
		14:50	2.83	
		20:40	0.7	
29	Sex	2:50	2.89	
		9:20	0.63	
		15:20	2.54	
		20:50	0.81	
30	Sab	3:10	2.78	
		10:00	0.75	
		15:50	2.28	
		21:10	0.92	
31	Dom	3:40	2.66	
		10:50	0.89	
		16:40	2.09	
		21:40	1.03	

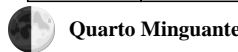
Simbologia das fases lunares:

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

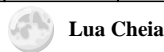
Dados de nível sem Georreferenciamento



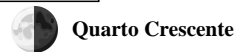
Lua Nova



Quarto Minguante



Lua Cheia

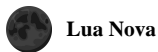


Quarto Crescente

Dia	Setembro	Hora	Altura (m)	Fase Lunar
1	Seg	4:30	2.52	
		11:50	1.04	
		17:40	1.98	
		22:50	1.1	
2	Ter	5:40	2.39	
		13:00	1.14	
		19:20	2.04	
3	Qua	0:20	1.14	
		7:10	2.36	
		14:20	1.1	
		20:40	2.3	
4	Qui	2:00	1.05	
		8:30	2.57	
		15:20	0.93	
		21:40	2.62	
5	Sex	3:10	0.89	
		9:40	2.9	
		16:20	0.73	
		22:30	2.93	
6	Sab	4:10	0.71	
		10:30	3.24	
		17:00	0.58	
		23:10	3.2	
7	Dom	5:00	0.58	
		11:20	3.51	
		17:40	0.48	
		23:50	3.39	
8	Seg	5:40	0.51	
		12:00	3.68	
		18:20	0.46	
9	Ter	0:20	3.52	
		6:20	0.48	
		12:40	3.71	
		18:50	0.52	
10	Qua	1:00	3.58	
		7:10	0.45	
		13:20	3.61	
		19:20	0.6	
11	Qui	1:30	3.59	
		7:50	0.51	
		14:00	3.41	
		19:50	0.68	
12	Sex	2:00	3.55	
		8:40	0.57	
		14:40	3.15	
		20:20	0.75	
13	Sab	2:40	3.41	
		9:20	0.71	
		15:30	2.85	
		21:00	0.82	
14	Dom	3:20	3.19	
		10:20	0.87	
		16:20	2.57	
		21:50	0.93	
15	Seg	4:10	2.89	
		11:30	1.06	
		17:40	2.3	
		23:00	1.08	
16	Ter	5:30	2.56	
		12:50	1.15	
		19:10	2.24	
17	Qua	0:40	1.2	
		7:10	2.38	
		14:20	0.93	
		20:40	2.44	
18	Qui	2:20	1.05	
		8:40	2.54	
		15:30	0.62	
		21:40	2.72	
19	Sex	3:30	0.79	
		9:40	2.83	
		16:20	0.41	
		22:30	3.01	
20	Sab	4:20	0.6	
		10:40	3.13	
		17:10	0.25	
		23:20	3.23	
21	Dom	5:10	0.44	
		11:20	3.37	
		17:50	0.23	
		23:50	3.39	
22	Seg	5:50	0.37	
		12:00	3.48	
		18:20	0.32	
23	Ter	0:30	3.45	
		6:30	0.33	
		12:40	3.46	
		18:50	0.44	
24	Qua	0:50	3.43	
		7:10	0.34	
		13:20	3.31	
		19:10	0.56	
25	Qui	1:20	3.34	
		7:40	0.4	
		13:50	3.07	
		19:30	0.66	
26	Sex	1:40	3.22	
		8:20	0.49	
		14:20	2.79	
		19:50	0.76	
27	Sab	2:00	3.09	
		8:50	0.62	
		14:50	2.53	
		20:10	0.86	
28	Dom	2:30	2.94	
		9:20	0.77	
		15:20	2.32	
		20:30	0.97	
29	Seg	3:00	2.77	
		10:00	0.92	
		15:50	2.16	
		21:10	1.06	
30	Ter	3:50	2.57	
		10:50	1.06	
		17:00	2.04	
		22:20	1.15	

Dia	Outubro	Hora	Altura (m)	Fase Lunar
1	Qua	4:50	2.39	
		12:10	1.16	
		18:30	2.04	
2	Qui	0:00	1.17	
		6:30	2.31	
		13:40	1.12	
		20:00	2.29	
3	Sex	1:40	1.06	
		8:00	2.53	
		14:50	0.91	
		21:10	2.64	
4	Sab	2:50	0.84	
		9:10	2.9	
		15:40	0.69	
		22:00	2.98	
5	Dom	3:50	0.62	
		10:10	3.26	
		16:30	0.53	
		22:40	3.29	
6	Seg	4:40	0.45	
		11:00	3.52	
		17:10	0.46	
		23:20	3.55	
7	Ter	5:30	0.34	
		11:40	3.67	
		17:40	0.49	
		23:50	3.72	
8	Qua	6:10	0.32	
		12:20	3.67	
		18:20	0.55	
9	Qui	0:30	3.79	
		7:00	0.34	
		13:10	3.54	
		18:50	0.65	
10	Sex	1:00	3.78	
		7:40	0.45	
		13:50	3.33	
		19:20	0.74	
11	Sab	1:40	3.63	
		8:20	0.6	
		14:30	3.07	
		20:00	0.83	
12	Dom	2:10	3.42	
		9:10	0.77	
		15:10	2.81	
		20:40	0.92	
13	Seg	3:00	3.08	
		10:00	0.95	
		16:10	2.52	
		21:40	1.04	
14	Ter	3:50	2.74	
		11:00	1.12	
		17:30	2.29	
		22:50	1.17	
15	Qua	5:10	2.42	
		12:30	1.18	
		19:00	2.25	
16	Qui	0:40	1.24	
		6:50	2.29	
		14:00	0.92	
		20:20	2.41	
17	Sex	2:10	1.03	
		8:20	2.46	
		15:00	0.65	
		21:20	2.66	
18	Sab	3:10	0.77	
		9:20	2.75	
		15:50	0.46	
		22:00	2.94	
19	Dom	4:00	0.56	
		10:10	3.03	
		16:30	0.39	
		22:40	3.18	
20	Seg	4:40	0.42	
		11:00	3.23	
		17:10	0.4	
		23:10	3.37	
21	Ter	5:30	0.31	
		11:40	3.32	
		17:40	0.47	
		23:40	3.47	
22	Qua	6:10	0.28	
		12:20	3.3	
		18:10	0.56	
23	Qui	0:10	3.49	
		6:50	0.31	
		13:00	3.16	
		18:30	0.64	
24	Sex	0:40	3.43	
		7:20	0.4	
		13:30	2.98	
		18:50	0.73	
25	Sab	1:00	3.33	
		7:50	0.53	
		14:00	2.76	
		19:10	0.85	
26	Dom	1:30	3.18	
		8:20	0.69	
		14:20	2.58	
		19:40	0.94	
27	Seg	2:00	3.02	
		8:50	0.84	
		14:50	2.42	
		20:10	1.03	
28	Ter	2:30	2.85	
		9:20	0.98	
		15:30	2.28	
		21:00	1.1	
29	Qua	3:20	2.65	QC
		10:20	1.05	QC
		16:30	2.17	QC
		22:00	1.17	QC
30	Qui	4:30	2.47	
		11:30	1.09	
		18:00	2.14	
		23:30	1.16	
31	Sex	6:00	2.4	
		13:00	1.04	
		19:20	2.32	

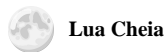
Simbologia das fases lunares:  
 Horários no padrão local (Fuso Horário UTC - 3:00)  
 Dados de nível sem Georreferenciamento



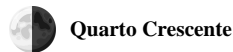
Lua Nova



Quarto Minguante



Lua Cheia

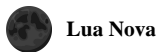


Quarto Crescente

Dia	Novembro	Hora	Altura (m)	Fase Lunar
1	Sab	1:10	1.02	
		7:30	2.57	
		14:10	0.86	
		20:30	2.65	
2	Dom	2:20	0.8	
		8:40	2.87	
		15:00	0.68	
		21:20	3.01	
3	Seg	3:30	0.55	
		9:40	3.18	
		15:50	0.56	
		22:00	3.34	
4	Ter	4:20	0.37	
		10:30	3.4	
		16:30	0.53	
		22:40	3.62	
5	Qua	5:10	0.28	
		11:20	3.52	
		17:10	0.56	
		23:20	3.8	
6	Qui	6:00	0.27	
		12:10	3.52	
		17:50	0.63	
7	Sex	0:00	3.85	
		6:40	0.36	
		12:50	3.43	
		18:20	0.73	
8	Sab	0:40	3.76	
		7:30	0.48	
		13:40	3.25	
		19:10	0.82	
9	Dom	1:20	3.56	
		8:10	0.66	
		14:20	3.03	
		19:50	0.92	
10	Seg	2:00	3.28	
		9:00	0.82	
		15:10	2.79	
		20:40	1.01	
11	Ter	2:50	2.95	
		9:50	0.97	
		16:10	2.54	
		21:40	1.09	
12	Qua	3:40	2.66	
		10:50	1.08	
		17:20	2.35	
		22:50	1.17	
13	Qui	5:00	2.41	
		12:10	1.1	
		18:40	2.3	
14	Sex	0:20	1.21	
		6:20	2.33	
		13:20	0.97	
		19:50	2.39	
15	Sab	1:40	1.05	
		7:40	2.43	
		14:20	0.78	
		20:40	2.59	
16	Dom	2:40	0.82	
		8:50	2.63	
		15:10	0.65	
		21:20	2.83	
17	Seg	3:30	0.61	
		9:50	2.81	
		15:50	0.61	
		22:00	3.07	
18	Ter	4:20	0.44	
		10:30	2.98	
		16:20	0.62	
		22:30	3.28	
19	Qua	5:00	0.36	
		11:20	3.05	
		16:50	0.64	
		23:00	3.41	
20	Qui	5:50	0.34	
		12:00	3.07	
		17:20	0.67	
		23:30	3.46	
21	Sex	6:20	0.4	
		12:40	3.01	
		17:50	0.72	
22	Sab	0:10	3.42	
		7:00	0.49	
		13:10	2.92	
		18:20	0.81	
23	Dom	0:40	3.32	
		7:30	0.62	
		13:40	2.8	
		18:50	0.9	
24	Seg	1:10	3.2	
		8:00	0.75	
		14:00	2.68	
		19:30	0.98	
25	Ter	1:40	3.07	
		8:30	0.86	
		14:40	2.55	
		20:10	1.04	
26	Qua	2:20	2.93	
		9:10	0.93	
		15:20	2.44	
		20:50	1.1	
27	Qui	3:10	2.78	
		10:00	0.95	
		16:20	2.34	
		21:50	1.11	
28	Sex	4:10	2.65	
		11:00	0.95	
		17:30	2.32	
		23:10	1.06	
29	Sab	5:30	2.57	QC
		12:10	0.92	QC
		18:40	2.44	QC
30	Dom	0:40	0.95	
		6:50	2.6	
		13:10	0.85	
		19:40	2.69	

Dia	Dezembro	Hora	Altura (m)	Fase Lunar
1	Seg	2:00	0.75	
		8:10	2.77	
		14:10	0.75	
		20:30	3.0	
2	Ter	3:00	0.55	
		9:10	2.98	
		15:00	0.68	
		21:20	3.31	
3	Qua	4:00	0.39	
		10:10	3.17	
		15:50	0.65	
		22:10	3.56	
4	Qui	5:00	0.31	
		11:10	3.29	
		16:40	0.66	
		23:00	3.71	
5	Sex	5:40	0.35	
		12:00	3.35	
		17:20	0.72	
		23:40	3.73	
6	Sab	6:30	0.42	
		12:40	3.34	
		18:10	0.79	
7	Dom	0:30	3.62	
		7:20	0.52	
		13:30	3.23	
		19:00	0.86	
8	Seg	1:10	3.43	
		8:00	0.67	
		14:10	3.08	
		19:50	0.92	
9	Ter	2:00	3.19	
		8:50	0.76	
		15:00	2.87	
		20:40	0.97	
10	Qua	2:50	2.94	
		9:40	0.85	
		16:00	2.65	
		21:50	1.02	
11	Qui	3:40	2.72	
		10:40	0.92	
		17:40	2.47	
		22:30	1.06	
12	Sex	4:40	2.53	
		11:40	0.99	
		18:00	2.38	
		23:40	1.1	
13	Sab	5:50	2.4	
		12:30	1.0	
		18:50	2.4	
14	Dom	0:50	1.06	
		7:00	2.37	
		13:20	0.98	
		19:40	2.52	
15	Seg	2:00	0.91	
		8:10	2.43	
		14:10	0.92	
		20:30	2.7	
16	Ter	3:00	0.73	
		9:20	2.53	
		14:50	0.86	
		21:10	2.91	
17	Qua	4:00	0.58	
		10:10	2.66	
		15:30	0.8	
		21:50	3.11	
18	Qui	4:40	0.51	
		11:00	2.77	
		16:10	0.77	
		22:30	3.25	
19	Sex	5:20	0.5	
		11:40	2.88	
		16:50	0.75	
		23:10	3.33	
20	Sab	6:00	0.54	
		12:10	2.95	
		17:30	0.77	
		23:50	3.33	
21	Dom	6:40	0.6	
		12:40	2.96	
		18:10	0.81	
22	Seg	0:20	3.3	
		7:10	0.67	
		13:20	2.91	
		18:50	0.87	
23	Ter	1:00	3.23	
		7:40	0.74	
		13:50	2.83	
		19:20	0.95	
24	Qua	1:40	3.16	
		8:20	0.77	
		14:30	2.74	
		20:00	0.98	
25	Qui	2:10	3.1	
		9:00	0.78	
		15:10	2.66	
		20:50	0.97	
26	Sex	3:00	2.99	
		9:40	0.8	
		15:50	2.63	
		21:40	0.96	
27	Sab	3:50	2.86	
		10:30	0.8	
		16:40	2.63	
		22:50	0.92	
28	Dom	5:00	2.7	QC
		11:20	0.83	QC
		17:40	2.67	QC
29	Seg	0:10	0.87	
		6:10	2.6	
		12:20	0.85	
		18:40	2.77	
30	Ter	1:30	0.78	
		7:40	2.59	
		13:20	0.85	
		19:50	2.95	
31	Qua	2:40	0.64	
		8:50	2.73	
		14:20	0.82	

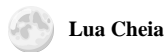
Simbologia das fases lunares:  
 Horários no padrão local (Fuso Horário UTC -3:00)  
 Dados de nível sem Georreferenciamento



Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente