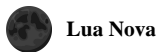


Dia	Janeiro	Hora	Altura (m)	Fase Lunar
1	Qua	6:40	0.58	
		12:50	2.84	
		18:30	0.73	
2	Qui	0:40	3.18	
		7:30	0.59	
		13:30	2.81	
		19:10	0.76	
3	Sex	1:30	3.12	
		8:10	0.63	
		14:10	2.74	
		19:50	0.78	
4	Sab	2:10	3.04	
		8:50	0.66	
		14:50	2.68	
		20:40	0.77	
5	Dom	2:50	2.92	
		9:30	0.69	
		15:40	2.61	
		21:30	0.77	
6	Seg	3:40	2.76	
		10:10	0.71	
		16:30	2.57	
		22:40	0.74	
7	Ter	4:40	2.58	
		11:00	0.73	
		17:30	2.54	
		23:50	0.76	
8	Qua	5:50	2.44	
		12:00	0.77	
		18:30	2.55	
9	Qui	1:10	0.74	
		7:10	2.36	
		13:00	0.8	
		19:30	2.62	
10	Sex	2:20	0.65	
		8:30	2.4	
		14:00	0.81	
		20:30	2.75	
11	Sab	3:30	0.51	
		9:50	2.52	
		15:10	0.77	
		21:30	2.9	
12	Dom	4:30	0.39	
		10:50	2.7	
		16:10	0.74	
		22:30	3.04	
13	Seg	5:20	0.35	
		11:40	2.86	
		17:10	0.7	
		23:30	3.14	
14	Ter	6:10	0.35	
		12:30	2.95	
		18:00	0.69	
15	Qua	0:20	3.19	
		7:00	0.37	
		13:10	2.97	
		18:50	0.69	
16	Qui	1:00	3.19	
		7:50	0.42	
		13:50	2.92	
		19:30	0.72	
17	Sex	1:50	3.1	
		8:30	0.55	
		14:30	2.8	
		20:10	0.75	
18	Sab	2:20	2.97	
		9:00	0.69	
		15:10	2.66	
		20:50	0.79	
19	Dom	3:00	2.78	
		9:30	0.78	
		15:40	2.52	
		21:30	0.82	
20	Seg	3:30	2.56	
		10:00	0.81	
		16:10	2.41	
		22:10	0.85	
21	Ter	4:10	2.35	
		10:20	0.84	
		16:40	2.34	
		23:10	0.88	
22	Qua	5:00	2.18	
		10:50	0.88	
		17:20	2.3	
23	Qui	0:10	0.92	
		6:00	2.08	
		11:30	0.93	
		18:10	2.31	
24	Sex	1:20	0.94	
		7:20	2.07	
		12:30	0.95	
		19:10	2.37	
25	Sab	2:30	0.88	
		8:40	2.16	
		13:40	0.92	
		20:10	2.49	
26	Dom	3:20	0.77	
		9:40	2.32	
		14:50	0.84	
		21:20	2.69	
27	Seg	4:20	0.66	
		10:30	2.53	
		15:50	0.75	
		22:10	2.89	
28	Ter	5:10	0.56	
		11:10	2.72	
		16:40	0.67	
		23:10	3.07	
29	Qua	5:50	0.52	
		12:00	2.86	
		17:30	0.61	
		23:50	3.21	
30	Qui	6:30	0.49	
		12:40	2.95	
		18:20	0.57	
31	Sex	0:40	3.28	
		7:10	0.49	
		13:10	2.99	
		19:00	0.58	

Dia	Fevereiro	Hora	Altura (m)	Fase Lunar
1	Sab	1:20	3.27	
		7:50	0.5	
		13:50	2.98	
		19:50	0.57	
2	Dom	2:00	3.19	
		8:20	0.57	
		14:30	2.95	
		20:30	0.61	
3	Seg	2:40	3.04	
		9:00	0.61	
		15:10	2.89	
		21:20	0.64	
4	Ter	3:30	2.84	
		9:40	0.66	
		15:50	2.82	
		22:20	0.68	
5	Qua	4:20	2.61	
		10:20	0.74	
		16:40	2.71	
		23:20	0.77	
6	Qui	5:30	2.38	
		11:10	0.84	
		17:40	2.58	
7	Sex	0:40	0.85	
		6:50	2.22	
		12:10	0.95	
		18:50	2.49	
8	Sab	2:00	0.82	
		8:20	2.21	
		13:40	0.98	
		20:00	2.52	
9	Dom	3:10	0.66	
		9:40	2.36	
		15:00	0.89	
		21:20	2.66	
10	Seg	4:20	0.44	
		10:30	2.59	
		16:00	0.77	
		22:20	2.86	
11	Ter	5:10	0.35	
		11:20	2.8	
		17:00	0.64	
		23:20	3.05	
12	Qua	6:00	0.28	
		12:10	2.95	
		17:50	0.57	
13	Qui	0:10	3.18	
		6:40	0.32	
		12:50	3.03	
		18:30	0.56	
14	Sex	0:50	3.24	
		7:20	0.39	
		13:30	3.02	
		19:10	0.57	
15	Sab	1:30	3.19	
		8:00	0.48	
		14:00	2.96	
		19:50	0.6	
16	Dom	2:00	3.06	
		8:20	0.61	
		14:30	2.85	
		20:30	0.63	
17	Seg	2:30	2.86	
		8:40	0.69	
		14:50	2.72	
		21:00	0.68	
18	Ter	3:00	2.62	
		9:00	0.75	
		15:10	2.61	
		21:40	0.73	
19	Qua	3:30	2.38	
		9:20	0.83	
		15:40	2.52	
		22:20	0.79	
20	Qui	4:10	2.17	
		9:40	0.92	
		16:10	2.46	
		23:10	0.86	
21	Sex	5:10	2.03	
		10:20	0.99	
		17:00	2.37	
		0:20	0.94	
22	Sab	6:30	1.97	
		11:30	1.04	
		18:10	2.28	
23	Dom	1:40	0.98	
		7:50	2.04	
		13:00	1.0	
		19:40	2.33	
24	Seg	2:50	0.89	
		9:10	2.23	
		14:20	0.88	
		21:00	2.55	
25	Ter	3:50	0.73	
		10:00	2.48	
		15:30	0.7	
		22:00	2.82	
26	Qua	4:40	0.57	
		10:50	2.74	
		16:30	0.55	
		23:00	3.08	
27	Qui	5:30	0.44	
		11:30	2.96	
		17:20	0.44	
		23:40	3.29	
28	Sex	6:10	0.38	
		12:10	3.13	
		18:10	0.38	

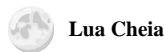
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC - 3:00)
 Dados de nível sem Georreferenciamento



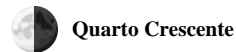
Lua Nova



Quarto Minguante



Lua Cheia

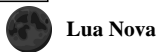


Quarto Crescente

Dia	Março	Hora	Altura (m)	Fase Lunar
1	Sab	0:30	3.38	
		6:50	0.36	
		12:50	3.22	
		18:50	0.4	
2	Dom	1:10	3.37	
		7:20	0.44	
		13:30	3.23	
		19:40	0.41	
3	Seg	1:50	3.26	
		7:50	0.54	
		14:00	3.21	
		20:20	0.49	
4	Ter	2:30	3.08	
		8:30	0.62	
		14:40	3.11	
		21:10	0.56	
5	Qua	3:10	2.85	
		9:00	0.73	
		15:20	2.96	
		22:00	0.68	
6	Qui	4:00	2.58	
		9:40	0.84	
		16:00	2.78	
		23:00	0.83	
7	Sex	5:10	2.31	
		10:30	0.96	
		17:00	2.54	
8	Sab	0:10	0.98	
		6:30	2.12	
		11:50	1.09	
		18:10	2.35	
9	Dom	1:40	0.97	
		8:10	2.09	
		13:20	1.11	
		19:50	2.32	
10	Seg	3:00	0.73	
		9:20	2.28	
		14:50	0.94	
		21:10	2.5	
11	Ter	4:00	0.5	
		10:20	2.52	
		15:50	0.74	
		22:20	2.74	
12	Qua	4:50	0.36	
		11:00	2.77	
		16:50	0.55	
		23:10	2.98	
13	Qui	5:40	0.26	
		11:40	2.97	
		17:30	0.48	
		23:50	3.16	
14	Sex	6:10	0.34	
		12:20	3.09	
		18:10	0.44	
15	Sab	0:30	3.23	
		6:50	0.39	
		12:50	3.14	
		18:50	0.45	
16	Dom	1:00	3.2	
		7:10	0.52	
		13:20	3.11	
		19:30	0.47	
17	Seg	1:40	3.06	
		7:40	0.6	
		13:40	3.02	
		20:00	0.53	
18	Ter	2:10	2.86	
		7:50	0.71	
		14:00	2.91	
		20:30	0.6	
19	Qua	2:40	2.63	
		8:10	0.81	
		14:20	2.82	
		21:10	0.67	
20	Qui	3:00	2.41	
		8:30	0.89	
		14:50	2.73	
		21:40	0.77	
21	Sex	3:40	2.21	
		9:00	0.95	
		15:20	2.62	
		22:30	0.86	
22	Sab	4:30	2.05	
		9:40	1.02	
		16:10	2.45	
		23:30	0.97	
23	Dom	5:40	1.95	
		10:50	1.07	
		17:30	2.26	
24	Seg	0:50	1.03	
		7:10	1.99	
		12:30	1.02	
		19:10	2.25	
25	Ter	2:20	0.93	
		8:30	2.2	
		14:10	0.82	
		20:40	2.5	
26	Qua	3:20	0.72	
		9:30	2.49	
		15:20	0.61	
		21:40	2.81	
27	Qui	4:10	0.53	
		10:20	2.81	
		16:10	0.44	
		22:40	3.09	
28	Sex	5:00	0.37	
		11:10	3.08	
		17:10	0.3	
		23:20	3.3	
29	Sab	5:40	0.32	
		11:50	3.29	
		17:50	0.27	
30	Dom	0:10	3.39	
		6:10	0.38	
		12:20	3.41	
		18:40	0.26	
31	Seg	0:50	3.37	
		6:50	0.46	
		13:00	3.43	
		19:20	0.34	

Dia	Abril	Hora	Altura (m)	Fase Lunar
1	Ter	1:30	3.25	
		7:20	0.6	
		13:30	3.37	
		20:10	0.43	
2	Qua	2:20	3.03	
		8:00	0.72	
		14:10	3.22	
		20:50	0.58	
3	Qui	3:00	2.79	
		8:30	0.85	
		14:40	3.02	
		21:40	0.74	
4	Sex	3:50	2.52	
		9:10	0.97	
		15:30	2.73	
		22:40	0.92	
5	Sab	5:00	2.24	
		10:10	1.08	
		16:30	2.44	
		23:50	1.09	
6	Dom	6:20	2.06	
		11:30	1.17	
		18:00	2.23	
7	Seg	1:20	1.06	
		7:50	2.06	
		13:10	1.15	
		19:40	2.23	
8	Ter	2:40	0.77	
		9:00	2.24	
		14:40	0.93	
		21:00	2.41	
9	Qua	3:40	0.53	
		9:50	2.49	
		15:40	0.7	
		22:00	2.65	
10	Qui	4:20	0.44	
		10:30	2.74	
		16:30	0.53	
		22:40	2.89	
11	Sex	5:00	0.4	
		11:10	2.96	
		17:10	0.43	
		23:20	3.05	
12	Sab	5:30	0.44	
		11:40	3.12	
		17:50	0.39	
13	Dom	0:00	3.12	
		6:00	0.5	
		12:10	3.2	
		18:30	0.38	
14	Seg	0:40	3.09	
		6:30	0.57	
		12:40	3.2	
		19:00	0.42	
15	Ter	1:10	2.99	
		6:50	0.66	
		13:00	3.13	
		19:40	0.48	
16	Qua	1:40	2.83	
		7:10	0.77	
		13:20	3.05	
		20:10	0.57	
17	Qui	2:10	2.63	
		7:30	0.89	
		13:40	2.98	
		20:40	0.68	
18	Sex	2:40	2.45	
		8:00	0.95	
		14:10	2.88	
		21:10	0.8	
19	Sab	3:20	2.27	
		8:30	1.0	
		14:50	2.71	
		22:00	0.9	
20	Dom	4:00	2.13	
		9:30	1.02	
		15:50	2.48	
		23:00	0.99	
21	Seg	5:10	2.02	
		10:40	1.04	
		17:10	2.28	
22	Ter	0:20	1.01	
		6:30	2.03	
		12:10	0.96	
		18:50	2.27	
23	Qua	1:40	0.89	
		7:50	2.23	
		13:40	0.78	
		20:10	2.49	
24	Qui	2:40	0.69	
		9:00	2.54	
		15:00	0.55	
		21:20	2.76	
25	Sex	3:40	0.48	
		9:50	2.87	
		16:00	0.36	
		22:10	3.02	
26	Sab	4:20	0.38	
		10:30	3.17	
		16:50	0.24	
		23:00	3.21	
27	Dom	5:00	0.37	
		11:20	3.38	
		17:40	0.19	
		23:50	3.29	
28	Seg	5:40	0.44	
		11:50	3.5	
		18:30	0.21	
29	Ter	0:40	3.26	
		6:20	0.55	
		12:30	3.5	
		19:10	0.32	
30	Qua	1:20	3.16	
		7:00	0.69	
		13:10	3.38	
		19:50	0.48	

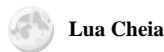
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC - 3:00)
 Dados de nível sem Georreferenciamento



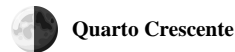
Lua Nova



Quarto Minguante



Lua Cheia

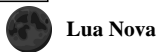


Quarto Crescente

Dia	Maio	Hora	Altura (m)	Fase Lunar
1	Qui	2:10	2.95	
		7:40	0.83	
		13:50	3.18	
		20:40	0.63	
2	Sex	3:00	2.71	
		8:20	0.95	
		14:30	2.93	
		21:30	0.81	
3	Sab	3:50	2.46	
		9:00	1.05	
		15:10	2.66	
		22:30	0.98	
4	Dom	4:50	2.24	
		10:00	1.11	
		16:20	2.39	
		23:40	1.11	
5	Seg	6:00	2.09	
		11:20	1.16	
		17:40	2.24	
		1:00	1.06	
		7:20	2.09	
		12:50	1.14	
		19:10	2.23	
7	Qua	2:10	0.85	
		8:20	2.24	
		14:10	0.97	
		20:30	2.34	
8	Qui	3:00	0.7	
		9:10	2.45	
		15:10	0.76	
		21:20	2.53	
9	Sex	3:40	0.62	
		9:50	2.69	
		16:00	0.59	
		22:10	2.71	
10	Sab	4:10	0.6	
		10:30	2.91	
		16:50	0.47	
		23:00	2.83	
11	Dom	4:40	0.59	
		11:00	3.08	
		17:30	0.41	
		23:40	2.91	
12	Seg	5:10	0.6	
		11:30	3.18	
		18:00	0.4	
		0:20	2.92	
		6:40	0.66	
		12:00	3.2	
		18:40	0.43	
		0:50	2.88	
		6:10	0.74	
		12:20	3.17	
		19:10	0.51	
15	Qui	1:20	2.78	
		6:40	0.84	
		12:50	3.1	
		19:40	0.62	
16	Sex	1:50	2.64	
		7:10	0.92	
		13:20	3.02	
		20:20	0.72	
		2:20	2.5	
		7:40	0.98	
		14:00	2.89	
		20:50	0.84	
18	Dom	3:00	2.36	
		8:30	0.98	
		14:50	2.71	
		21:40	0.9	
19	Seg	3:40	2.25	
		9:20	0.99	
		15:40	2.54	
		22:40	0.92	
20	Ter	4:50	2.16	
		10:30	0.95	
		16:50	2.39	
		23:50	0.89	
21	Qua	6:00	2.17	
		12:00	0.86	
		18:20	2.35	
22	Qui	1:00	0.8	
		7:20	2.33	
		13:20	0.73	
		19:40	2.47	
23	Sex	2:00	0.66	
		8:20	2.59	
		14:40	0.54	
		20:50	2.66	
24	Sab	2:50	0.54	
		9:10	2.89	
		15:40	0.37	
		21:50	2.85	
25	Dom	3:40	0.47	
		10:00	3.15	
		16:30	0.26	
		22:40	3.02	
26	Seg	4:30	0.47	
		10:40	3.35	
		17:20	0.23	
		23:40	3.1	
27	Ter	5:40	0.56	
		11:30	3.43	
		18:10	0.27	
28	Qua	0:30	3.11	
		6:00	0.66	
		12:10	3.42	
		19:00	0.35	
29	Qui	1:10	3.06	
		6:40	0.78	
		12:50	3.31	
		19:40	0.52	
30	Sex	2:00	2.91	
		7:30	0.87	
		13:40	3.11	
		20:30	0.66	
31	Sab	2:50	2.71	
		8:10	0.96	
		14:20	2.89	
		21:20	0.81	

Dia	Junho	Hora	Altura (m)	Fase Lunar
1	Dom	3:40	2.5	
		9:00	1.01	
		15:10	2.67	
		22:20	0.93	
2	Seg	4:30	2.32	
		9:50	1.05	
		16:10	2.47	
		23:20	1.03	
3	Ter	5:30	2.2	
		11:00	1.07	
		17:20	2.33	
4	Qua	0:20	1.05	
		6:30	2.17	
		12:20	1.1	
		18:30	2.26	
5	Qui	1:10	1.02	
		7:30	2.25	
		13:40	1.03	
		19:40	2.27	
6	Sex	1:50	0.94	
		8:20	2.4	
		14:40	0.87	
		20:40	2.35	
7	Sab	2:40	0.84	
		9:00	2.59	
		15:30	0.71	
		21:40	2.46	
8	Dom	3:10	0.77	
		9:40	2.79	
		16:20	0.57	
		22:30	2.59	
9	Seg	3:50	0.72	
		10:10	2.95	
		17:00	0.5	
		23:10	2.71	
10	Ter	4:30	0.7	
		10:50	3.07	
		17:40	0.47	
		23:50	2.78	
11	Qua	5:10	0.72	
		11:20	3.13	
		18:20	0.49	
		0:30	2.8	
		6:50	0.76	
		12:00	3.13	
		18:50	0.56	
		1:00	2.77	
		6:20	0.83	
		12:40	3.09	
		19:30	0.63	
		1:40	2.68	
		7:00	0.87	
		13:20	3.01	
		20:00	0.73	
15	Dom	2:10	2.59	
		7:40	0.9	
		14:00	2.92	
		20:40	0.78	
16	Seg	2:50	2.5	
		8:20	0.91	
		14:40	2.81	
		21:30	0.78	
17	Ter	3:30	2.43	
		9:10	0.89	
		15:30	2.67	
		22:10	0.79	
18	Qua	4:20	2.39	
		10:20	0.83	
		16:30	2.54	
		23:10	0.76	
19	Qui	5:30	2.38	
		11:30	0.79	
		17:40	2.44	
20	Sex	0:00	0.75	
		6:30	2.46	
		13:00	0.71	
		19:00	2.42	
21	Sab	1:00	0.72	
		7:30	2.61	
		14:10	0.6	
		20:20	2.5	
22	Dom	2:00	0.67	
		8:30	2.81	
		15:20	0.45	
		21:30	2.63	
23	Seg	3:00	0.64	
		9:30	3.01	
		16:20	0.34	
		22:30	2.79	
24	Ter	4:00	0.63	
		10:20	3.17	
		17:10	0.3	
		23:30	2.91	
25	Qua	4:50	0.67	
		11:10	3.27	
		18:00	0.32	
26	Qui	0:20	2.99	
		5:50	0.69	
		12:00	3.29	
		18:50	0.57	
27	Sex	1:00	3.01	
		6:40	0.74	
		12:50	3.23	
		19:40	0.45	
28	Sab	1:50	2.92	
		7:20	0.8	
		13:40	3.12	
		20:20	0.6	
29	Dom	2:30	2.8	
		8:10	0.83	
		14:20	2.97	
		21:10	0.7	
30	Seg	3:20	2.63	
		8:50	0.88	
		15:10	2.79	
		21:50	0.82	

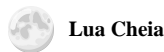
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC -3:00)
 Dados de nível sem Georreferenciamento



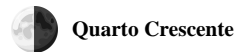
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

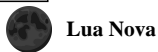
Dia	Julho	Hora	Altura (m)	Fase Lunar
1	Ter	4:00	2.48	
		9:40	0.91	
		15:50	2.6	
		22:40	0.91	
2	Qua	4:50	2.35	
		10:30	0.95	
		16:40	2.42	
		23:10	0.95	
3	Qui	5:30	2.29	
		11:40	1.01	
		17:30	2.27	
		23:50	0.96	
4	Sex	6:20	2.28	
		12:50	1.05	
		18:40	2.18	
5	Sab	0:30	0.95	
		7:10	2.34	
		14:00	0.99	
		19:50	2.17	
6	Dom	1:20	0.93	
		7:50	2.44	
		14:50	0.86	
		21:00	2.24	
7	Seg	2:10	0.89	
		8:40	2.59	
		15:50	0.72	
		22:00	2.36	
8	Ter	3:00	0.84	
		9:30	2.75	
		16:30	0.63	
		22:50	2.52	
9	Qua	4:00	0.78	
		10:20	2.9	
		17:10	0.58	
		23:30	2.66	
10	Qui	4:40	0.75	
		11:00	3.02	
		18:00	0.54	
11	Sex	0:10	2.76	
		5:30	0.72	
		11:50	3.11	
		18:40	0.55	
12	Sab	0:40	2.81	
		6:10	0.72	
		12:30	3.14	
		19:10	0.59	
13	Dom	1:20	2.8	
		6:50	0.74	
		13:10	3.13	
		19:50	0.61	
14	Seg	1:50	2.78	
		7:30	0.75	
		13:50	3.07	
		20:30	0.62	
15	Ter	2:30	2.73	
		8:20	0.72	
		14:30	2.97	
		21:00	0.67	
16	Qua	3:10	2.7	
		9:10	0.71	
		15:20	2.82	
		21:40	0.67	
17	Qui	4:00	2.65	
		10:00	0.72	
		16:10	2.65	
		22:20	0.7	
18	Sex	4:50	2.62	
		11:10	0.72	
		17:10	2.48	
		23:10	0.74	
19	Sab	5:40	2.61	
		12:30	0.74	
		18:30	2.35	
20	Dom	0:10	0.8	
		6:50	2.59	
		13:40	0.72	
		19:50	2.33	
21	Seg	1:20	0.84	
		7:50	2.66	
		15:00	0.59	
		21:10	2.43	
22	Ter	2:30	0.82	
		9:00	2.79	
		16:00	0.47	
		22:20	2.61	
23	Qua	3:40	0.76	
		10:00	2.95	
		17:00	0.36	
		23:10	2.81	
24	Qui	4:40	0.7	
		11:00	3.11	
		17:50	0.32	
25	Sex	0:00	2.95	
		5:40	0.64	
		12:00	3.21	
		18:40	0.31	
26	Sab	0:50	3.02	
		6:30	0.61	
		12:50	3.24	
		19:30	0.53	
27	Dom	1:30	3.01	
		7:10	0.64	
		13:30	3.21	
		20:10	0.44	
28	Seg	2:10	2.93	
		7:50	0.68	
		14:10	3.1	
		20:40	0.61	
29	Ter	2:50	2.81	
		8:40	0.71	
		14:50	2.91	
		21:20	0.71	
30	Qua	3:20	2.67	
		9:20	0.77	
		15:20	2.69	
		21:40	0.79	
31	Qui	3:50	2.53	
		10:00	0.82	
		16:00	2.46	
		22:10	0.83	

Dia	Agosto	Hora	Altura (m)	Fase Lunar
1	Sex	4:20	2.42	
		10:50	0.88	
		16:40	2.24	
		22:30	0.89	
2	Sab	5:00	2.34	
		11:50	0.95	
		17:40	2.09	
		23:10	0.95	
3	Dom	5:40	2.29	
		13:00	1.02	
		19:00	2.02	
4	Seg	0:00	1.01	
		6:40	2.28	
		14:10	0.99	
		20:20	2.06	
5	Ter	1:10	1.01	
		7:50	2.37	
		15:10	0.88	
		21:30	2.2	
6	Qua	2:30	0.92	
		9:00	2.54	
		16:00	0.76	
		22:20	2.41	
7	Qui	3:30	0.81	
		10:00	2.76	
		16:50	0.64	
		23:00	2.63	
8	Sex	4:30	0.68	
		10:50	2.97	
		17:40	0.53	
		23:40	2.8	
9	Sab	5:20	0.58	
		11:40	3.15	
		18:20	0.47	
		0:20	2.93	
10	Dom	6:00	0.55	
		12:20	3.26	
		18:50	0.48	
11	Seg	0:50	3.0	
		6:40	0.54	
		13:00	3.28	
		19:30	0.47	
12	Ter	1:30	3.03	
		7:30	0.52	
		13:40	3.23	
		20:00	0.53	
13	Qua	2:10	3.01	
		8:10	0.56	
		14:20	3.1	
		20:30	0.59	
14	Qui	2:40	3.0	
		9:00	0.57	
		15:00	2.92	
		21:10	0.63	
15	Sex	3:20	2.94	
		9:50	0.63	
		15:50	2.7	
		21:40	0.71	
16	Sab	4:10	2.81	
		10:50	0.71	
		16:50	2.46	
		22:30	0.8	
17	Dom	5:00	2.68	
		12:00	0.82	
		18:00	2.27	
		23:30	0.92	
18	Seg	6:00	2.53	
		13:20	0.87	
		19:40	2.16	
19	Ter	0:50	1.0	
		7:30	2.45	
		14:40	0.75	
		21:00	2.28	
20	Qua	2:20	0.94	
		8:50	2.56	
		15:50	0.53	
		22:10	2.5	
21	Qui	3:40	0.77	
		10:00	2.78	
		16:50	0.34	
		23:00	2.75	
22	Sex	4:40	0.61	
		11:00	3.01	
		17:40	0.24	
		23:50	2.94	
23	Sab	5:30	0.51	
		11:50	3.19	
		18:20	0.26	
24	Dom	0:30	3.07	
		6:10	0.49	
		12:30	3.29	
		19:00	0.31	
25	Seg	1:10	3.11	
		7:00	0.47	
		13:10	3.28	
		19:40	0.4	
26	Ter	1:40	3.08	
		7:40	0.52	
		13:50	3.16	
		20:10	0.55	
27	Qua	2:10	2.98	
		8:20	0.58	
		14:20	2.97	
		20:30	0.67	
28	Qui	2:40	2.84	
		8:50	0.65	
		14:50	2.72	
		20:50	0.75	
29	Sex	3:00	2.69	
		9:30	0.72	
		15:30	2.46	
		21:00	0.86	
30	Sab	3:20	2.57	
		10:10	0.79	
		16:00	2.21	
		21:30	0.93	
31	Dom	3:50	2.46	
		11:00	0.88	
		16:50	2.03	
		22:00	1.02	

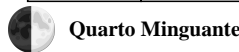
Simbologia das fases lunares:

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

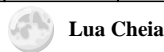
Dados de nível sem Georreferenciamento



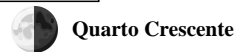
Lua Nova



Quarto Minguante



Lua Cheia

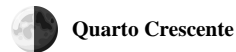
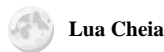
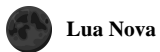


Quarto Crescente

Dia	Setembro	Hora	Altura (m)	Fase Lunar
1	Seg	4:30	2.34	
		12:00	0.99	
		18:00	1.93	
		23:00	1.09	
2	Ter	5:40	2.21	
		13:10	1.05	
		19:30	1.96	
3	Qua	0:30	1.07	
		7:10	2.21	
		14:30	0.99	
		20:50	2.12	
4	Qui	2:00	0.94	
		8:30	2.4	
		15:30	0.82	
		21:40	2.37	
5	Sex	3:10	0.76	
		9:40	2.69	
		16:30	0.62	
		22:30	2.64	
6	Sab	4:10	0.58	
		10:40	2.97	
		17:10	0.48	
		23:10	2.89	
7	Dom	5:00	0.45	
		11:20	3.21	
		17:50	0.39	
		23:50	3.09	
8	Seg	5:50	0.36	
		12:10	3.33	
		18:20	0.39	
9	Ter	0:30	3.22	
		6:30	0.36	
		12:50	3.36	
		19:00	0.41	
10	Qua	1:00	3.29	
		7:10	0.4	
		13:20	3.31	
		19:30	0.5	
11	Qui	1:40	3.28	
		8:00	0.42	
		14:00	3.15	
		20:00	0.61	
12	Sex	2:10	3.23	
		8:40	0.52	
		14:50	2.92	
		20:30	0.71	
13	Sab	2:50	3.1	
		9:30	0.62	
		15:30	2.68	
		21:10	0.81	
14	Dom	3:30	2.91	
		10:20	0.76	
		16:30	2.42	
		22:00	0.92	
15	Seg	4:20	2.66	
		11:30	0.93	
		17:50	2.18	
		23:10	1.05	
16	Ter	5:30	2.41	
		13:00	1.02	
		19:20	2.08	
17	Qua	0:40	1.11	
		7:10	2.29	
		14:20	0.86	
		20:50	2.21	
18	Qui	2:20	0.97	
		8:40	2.42	
		15:30	0.58	
		21:50	2.46	
19	Sex	3:30	0.73	
		9:50	2.68	
		16:30	0.34	
		22:40	2.73	
20	Sab	4:20	0.56	
		10:40	2.95	
		17:10	0.29	
		23:20	2.96	
21	Dom	5:10	0.44	
		11:30	3.14	
		17:50	0.29	
22	Seg	0:00	3.13	
		6:00	0.37	
		12:10	3.25	
		18:30	0.34	
23	Ter	0:30	3.21	
		6:40	0.38	
		12:50	3.23	
		19:00	0.47	
24	Qua	1:00	3.2	
		7:20	0.42	
		13:30	3.11	
		19:20	0.6	
25	Qui	1:30	3.11	
		7:50	0.5	
		14:00	2.93	
		19:40	0.71	
26	Sex	1:50	2.98	
		8:30	0.58	
		14:30	2.69	
		20:00	0.81	
27	Sab	2:10	2.84	
		9:00	0.67	
		15:00	2.45	
		20:20	0.92	
28	Dom	2:30	2.73	
		9:30	0.77	
		15:30	2.22	
		20:40	1.01	
29	Seg	3:00	2.6	
		10:10	0.88	
		16:10	2.04	
		21:20	1.06	
30	Ter	3:50	2.41	
		11:00	1.0	
		17:10	1.92	
		22:20	1.11	

Dia	Outubro	Hora	Altura (m)	Fase Lunar
1	Qua	5:00	2.22	
		12:30	1.08	
		18:40	1.92	
2	Qui	0:00	1.07	
		6:40	2.16	
		13:50	1.02	
		20:00	2.1	
3	Sex	1:40	0.89	
		8:10	2.37	
		15:00	0.8	
		21:10	2.38	
4	Sab	2:50	0.68	
		9:20	2.67	
		15:50	0.59	
		22:00	2.7	
5	Dom	3:50	0.48	
		10:10	2.97	
		16:30	0.44	
		22:40	3.0	
6	Seg	4:40	0.34	
		11:00	3.2	
		17:10	0.37	
		23:20	3.24	
7	Ter	5:30	0.26	
		11:50	3.32	
		17:50	0.36	
8	Qua	0:00	3.4	
		6:20	0.23	
		12:30	3.34	
		18:20	0.46	
9	Qui	0:30	3.47	
		7:00	0.3	
		13:10	3.27	
		19:00	0.56	
10	Sex	1:10	3.44	
		7:40	0.4	
		13:50	3.1	
		19:30	0.7	
11	Sab	1:40	3.33	
		8:30	0.52	
		14:40	2.86	
		20:10	0.82	
12	Dom	2:30	3.13	
		9:10	0.69	
		15:30	2.6	
		20:50	0.94	
13	Seg	3:00	2.87	
		10:10	0.85	
		16:20	2.36	
		21:40	1.04	
14	Ter	4:00	2.57	
		11:10	1.02	
		17:40	2.14	
		23:00	1.12	
15	Qua	5:20	2.31	
		12:40	1.08	
		19:10	2.06	
16	Qui	0:30	1.14	
		7:00	2.23	
		14:10	0.83	
		20:30	2.2	
17	Sex	2:00	0.98	
		8:30	2.36	
		15:10	0.59	
		21:20	2.44	
18	Sab	3:10	0.73	
		9:30	2.6	
		16:00	0.43	
		22:10	2.7	
19	Dom	4:10	0.52	
		10:20	2.83	
		16:40	0.38	
		22:50	2.94	
20	Seg	4:50	0.42	
		11:10	2.99	
		17:10	0.43	
		23:20	3.13	
21	Ter	5:40	0.35	
		11:50	3.09	
		17:40	0.5	
		23:50	3.23	
22	Qua	6:20	0.35	
		13:30	3.08	
		18:10	0.58	
23	Qui	0:20	3.24	
		6:50	0.41	
		13:00	3.01	
		18:40	0.67	
24	Sex	0:50	3.17	
		7:30	0.48	
		13:40	2.84	
		19:00	0.78	
25	Sab	1:10	3.05	
		8:00	0.57	
		14:10	2.65	
		19:20	0.91	
26	Dom	1:30	2.94	
		8:30	0.69	
		14:40	2.45	
		19:50	0.98	
27	Seg	2:00	2.81	
		9:00	0.81	
		15:10	2.27	
		20:20	1.04	
28	Ter	2:40	2.65	
		9:40	0.92	
		15:40	2.12	
		21:00	1.07	
29	Qua	3:30	2.46	
		10:30	1.0	
		16:40	2.01	
		22:10	1.06	
30	Qui	4:40	2.27	
		11:50	1.01	
		18:00	1.99	
		23:40	0.99	
31	Sex	6:10	2.22	
		13:10	0.94	
		19:20	2.15	

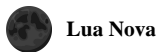
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC -3:00)
 Dados de nível sem Georreferenciamento



Dia	Novembro	Hora	Altura (m)	Fase Lunar
1	Sab	1:10	0.83	
		7:40	2.38	
		14:10	0.76	
		20:30	2.43	
2	Dom	2:30	0.62	
		8:50	2.63	
		15:00	0.58	
		21:20	2.75	
3	Seg	3:30	0.43	
		9:40	2.88	
		15:50	0.44	
		22:10	3.07	
4	Ter	4:30	0.27	
		10:40	3.08	
		16:30	0.41	
		22:50	3.31	
5	Qua	5:20	0.2	
		11:30	3.19	
		17:10	0.45	
		23:30	3.46	
6	Qui	6:00	0.23	
		12:10	3.24	
		17:50	0.55	
7	Sex	0:10	3.5	
		6:50	0.28	
		13:00	3.16	
		18:30	0.68	
8	Sab	0:50	3.43	
		7:30	0.43	
		13:50	3.0	
		19:10	0.81	
9	Dom	1:20	3.29	
		8:20	0.57	
		14:30	2.82	
		20:00	0.91	
10	Seg	2:10	3.04	
		9:00	0.76	
		15:20	2.58	
		20:40	1.01	
11	Ter	2:50	2.79	
		10:00	0.9	
		16:20	2.35	
		21:40	1.06	
12	Qua	3:50	2.53	
		11:10	1.02	
		17:30	2.17	
		22:50	1.1	
13	Qui	5:10	2.34	
		12:20	1.05	
		18:40	2.13	
14	Sex	0:20	1.11	
		6:40	2.26	
		13:30	0.92	
		19:50	2.22	
15	Sab	1:40	0.99	
		7:50	2.33	
		14:30	0.75	
		20:40	2.42	
16	Dom	2:50	0.78	
		9:00	2.47	
		15:10	0.67	
		21:30	2.64	
17	Seg	3:40	0.61	
		9:50	2.63	
		15:50	0.62	
		22:10	2.86	
18	Ter	4:30	0.48	
		10:40	2.77	
		16:30	0.6	
		22:40	3.05	
19	Qua	5:10	0.42	
		11:20	2.87	
		17:00	0.63	
		23:10	3.15	
20	Qui	5:50	0.41	
		12:10	2.87	
		17:30	0.68	
		23:40	3.18	
21	Sex	6:30	0.44	
		12:40	2.87	
		18:00	0.75	
22	Sab	0:10	3.14	
		7:00	0.52	
		13:20	2.77	
		18:30	0.84	
23	Dom	0:40	3.06	
		7:40	0.61	
		13:50	2.64	
		19:00	0.93	
24	Seg	1:10	2.96	
		8:10	0.72	
		14:20	2.49	
		19:30	0.99	
25	Ter	1:50	2.83	
		8:40	0.83	
		14:50	2.36	
		20:10	1.01	
26	Qua	2:30	2.7	
		9:20	0.89	
		15:30	2.25	
		21:00	1.0	
27	Qui	3:20	2.55	
		10:10	0.91	
		16:20	2.18	
		22:00	0.96	
28	Sex	4:20	2.41	
		11:10	0.88	
		17:30	2.17	
		23:20	0.88	
29	Sab	5:40	2.34	
		12:20	0.82	
		18:40	2.28	
30	Dom	0:40	0.78	
		7:00	2.39	
		13:20	0.72	
		19:40	2.49	

Dia	Dezembro	Hora	Altura (m)	Fase Lunar
1	Seg	2:00	0.62	
		8:10	2.53	
		14:10	0.62	
		20:40	2.77	
2	Ter	3:10	0.45	
		9:20	2.71	
		15:10	0.52	
		21:30	3.03	
3	Qua	4:10	0.31	
		10:20	2.88	
		16:00	0.51	
		22:20	3.25	
4	Qui	5:00	0.25	
		11:10	3.02	
		16:40	0.57	
		23:00	3.38	
5	Sex	5:50	0.26	
		12:00	3.08	
		17:30	0.64	
		23:50	3.41	
6	Sab	6:30	0.37	
		12:50	3.06	
		18:20	0.74	
7	Dom	0:30	3.35	
		7:20	0.47	
		13:40	2.96	
		19:10	0.81	
8	Seg	1:20	3.2	
		8:10	0.59	
		14:20	2.82	
		19:50	0.9	
9	Ter	2:10	3.01	
		9:00	0.72	
		15:10	2.63	
		20:40	0.94	
10	Qua	2:50	2.81	
		9:50	0.84	
		16:00	2.46	
		21:30	0.98	
11	Qui	3:50	2.61	
		10:50	0.93	
		17:00	2.31	
		22:40	1.01	
12	Sex	4:50	2.45	
		11:40	1.0	
		18:00	2.24	
		23:50	1.05	
13	Sab	6:00	2.33	
		12:40	1.0	
		19:00	2.27	
14	Dom	1:10	1.03	
		7:10	2.27	
		13:20	0.97	
		19:50	2.38	
15	Seg	2:20	0.9	
		8:20	2.29	
		14:10	0.9	
		20:40	2.54	
16	Ter	3:10	0.75	
		9:20	2.38	
		14:50	0.83	
		21:20	2.71	
17	Qua	4:00	0.62	
		10:10	2.51	
		15:40	0.78	
		22:00	2.87	
18	Qui	4:50	0.53	
		11:00	2.62	
		16:20	0.76	
		22:40	2.99	
19	Sex	5:30	0.51	
		11:40	2.72	
		17:00	0.76	
		23:10	3.06	
20	Sab	6:10	0.52	
		12:20	2.76	
		17:40	0.78	
		23:50	3.08	
21	Dom	6:40	0.58	
		13:00	2.74	
		18:10	0.82	
22	Seg	0:30	3.05	
		7:20	0.63	
		13:30	2.69	
		18:50	0.85	
23	Ter	1:10	2.99	
		8:00	0.68	
		14:00	2.6	
		19:30	0.86	
24	Qua	1:40	2.93	
		8:30	0.74	
		14:30	2.53	
		20:10	0.87	
25	Qui	2:30	2.81	
		9:10	0.75	
		15:10	2.47	
		20:50	0.87	
26	Sex	3:10	2.71	
		9:50	0.75	
		16:00	2.42	
		21:50	0.82	
27	Sab	4:00	2.58	
		10:30	0.75	
		16:50	2.43	
		23:00	0.77	
28	Dom	5:00	2.46	
		11:20	0.74	
		17:50	2.47	
29	Seg	0:20	0.72	
		6:20	2.39	
		12:20	0.73	
		18:50	2.56	
30	Ter	1:30	0.66	
		7:40	2.4	
		13:20	0.72	
		19:50	2.71	
31	Qua	2:40	0.55	
		8:50	2.52	
		14:20	0.7	

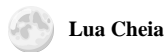
Simbologia das fases lunares:
 Horários no padrão local (Fuso Horário UTC -3:00)
 Dados de nível sem Georreferenciamento



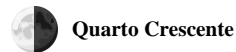
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente