

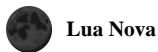
Dia	Janeiro	Hora	Altura (m)	Fase Lunar
1	Qua	8:30	0,37	
		14:30	2,4	
		20:10	0,49	
2	Qui	2:30	2,71	
		9:20	0,31	
		15:20	2,42	
		21:00	0,5	
3	Sex	3:20	2,66	
		10:00	0,32	
		16:10	2,41	
		22:00	0,46	
4	Sab	4:10	2,58	
		10:50	0,31	
		17:00	2,38	
		23:00	0,43	
5	Dom	5:10	2,48	
		11:40	0,35	
		17:50	2,34	
6	Seg	0:00	0,44	
		6:10	2,37	
		12:30	0,42	
		18:50	2,29	
7	Ter	1:00	0,47	
		7:20	2,28	
		13:20	0,53	
		19:40	2,28	
8	Qua	2:10	0,51	
		8:30	2,22	
		14:20	0,62	
		20:40	2,3	
9	Qui	3:20	0,54	
		9:40	2,2	
		15:20	0,69	
		21:40	2,36	
10	Sex	4:30	0,51	
		10:50	2,2	
		16:20	0,72	
		22:40	2,44	
11	Sab	5:30	0,44	
		11:50	2,23	
		17:10	0,74	
		23:30	2,53	
12	Dom	6:30	0,34	
		12:40	2,38	
		18:00	0,72	
13	Seg	0:30	2,58	
		7:20	0,3	
		13:30	2,32	
		18:50	0,68	
14	Ter	1:20	2,61	
		8:10	0,27	
		14:20	2,33	
		19:40	0,63	
15	Qua	2:00	2,61	
		8:50	0,3	
		15:00	2,35	
		20:30	0,58	
16	Qui	2:40	2,56	
		9:30	0,31	
		15:40	2,33	
		21:20	0,54	
17	Sex	3:20	2,47	
		10:10	0,31	
		16:20	2,27	
		22:00	0,5	
18	Sab	4:00	2,36	
		10:40	0,33	
		17:00	2,18	
		22:50	0,45	
19	Dom	4:40	2,22	
		11:20	0,32	
		17:30	2,09	
		23:30	0,41	
20	Seg	5:30	2,09	
		11:50	0,34	
		18:00	1,99	
21	Ter	0:10	0,37	
		6:20	1,97	
		12:30	0,37	
		18:40	1,92	
22	Qua	1:10	0,37	
		7:20	1,88	
		13:10	0,42	
		19:20	1,91	
23	Qui	2:00	0,41	
		8:20	1,83	
		13:50	0,48	
		20:10	1,95	
24	Sex	3:00	0,48	
		9:10	1,83	
		14:30	0,54	
		21:00	2,05	
25	Sab	4:10	0,55	
		10:10	1,88	
		15:20	0,57	
		22:00	2,19	
26	Dom	5:00	0,56	
		11:00	1,98	
		16:30	0,57	
		23:00	2,35	
27	Seg	6:00	0,5	
		11:50	2,12	
		17:20	0,55	
28	Ter	0:00	2,49	
		6:50	0,43	
		12:40	2,27	
		18:10	0,55	
29	Qua	0:50	2,61	
		7:30	0,38	
		13:30	2,41	
		19:10	0,49	
30	Qui	1:30	2,71	
		8:10	0,35	
		14:20	2,51	
		20:00	0,47	
31	Sex	2:20	2,75	
		9:00	0,27	
		15:10	2,56	
		21:00	0,39	

Dia	Fevereiro	Hora	Altura (m)	Fase Lunar
1	Sab	3:10	2,74	
		9:40	0,28	
		15:50	2,58	
		21:50	0,38	
2	Dom	4:00	2,68	
		10:20	0,34	
		16:30	2,55	
		22:40	0,37	
3	Seg	5:00	2,57	
		11:10	0,39	
		17:20	2,47	
		23:40	0,37	
4	Ter	6:00	2,43	
		12:00	0,48	
		18:10	2,39	
5	Qua	0:40	0,43	
		7:00	2,3	
		12:50	0,58	
		19:00	2,32	
6	Qui	1:50	0,52	
		8:10	2,16	
		13:50	0,66	
		20:00	2,28	
7	Sex	3:00	0,6	
		9:20	2,08	
		14:50	0,73	
		21:10	2,27	
8	Sab	4:10	0,58	
		10:30	2,05	
		15:50	0,77	
		22:20	2,3	
9	Dom	5:20	0,43	
		11:30	2,09	
		16:50	0,76	
		23:20	2,35	
10	Seg	6:20	0,3	
		12:20	2,17	
		17:50	0,71	
11	Ter	0:20	2,4	
		7:10	0,23	
		13:10	2,26	
		18:40	0,66	
12	Qua	1:00	2,47	
		7:50	0,23	
		14:00	2,31	
		19:30	0,6	
13	Qui	1:50	2,48	
		8:20	0,3	
		14:40	2,36	
		20:20	0,53	
14	Sex	2:20	2,51	
		9:00	0,28	
		15:10	2,39	
		21:00	0,47	
15	Sab	3:00	2,47	
		9:30	0,3	
		15:40	2,35	
		21:40	0,39	
16	Dom	3:40	2,4	
		10:00	0,3	
		16:10	2,28	
		22:10	0,32	
17	Seg	4:20	2,29	
		10:30	0,31	
		16:30	2,18	
		22:50	0,27	
18	Ter	5:00	2,16	
		11:00	0,35	
		17:00	2,09	
		23:40	0,26	
19	Qua	5:50	2,01	
		11:40	0,37	
		17:40	2,04	
20	Qui	0:30	0,3	
		6:40	1,88	
		12:10	0,45	
		18:30	2,0	
21	Sex	1:20	0,39	
		7:30	1,79	
		12:50	0,51	
		19:30	1,99	
22	Sab	2:30	0,52	
		8:20	1,76	
		13:50	0,53	
		20:30	2,04	
23	Dom	3:30	0,6	
		9:30	1,83	
		14:50	0,57	
		21:40	2,15	
24	Seg	4:40	0,59	
		10:30	1,96	
		16:00	0,57	
		22:40	2,29	
25	Ter	5:30	0,54	
		11:30	2,14	
		17:10	0,54	
		23:40	2,44	
26	Qua	6:20	0,44	
		12:30	2,33	
		18:10	0,49	
27	Qui	0:30	2,59	
		7:00	0,4	
		13:10	2,52	
		19:10	0,41	
28	Sex	1:20	2,71	
		7:50	0,3	
		14:00	2,65	
		20:00	0,36	

Simbologia das fases lunares:

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

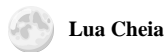
Dados de nível sem Georreferenciamento



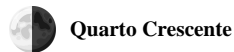
Lua Nova







Quarto Minguante







Lua Cheia

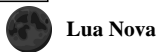


Quarto Crescente

Dia	Março	Hora	Altura (m)	Fase Lunar
1	Sab	2:10	2.79	
		8:30	0.31	
		14:40	2.72	
		20:50	0.31	
2	Dom	3:00	2.8	
		9:20	0.3	
		15:20	2.73	
		21:40	0.28	
3	Seg	3:50	2.75	
		10:00	0.38	
		16:00	2.68	
		22:30	0.29	
4	Ter	4:50	2.6	
		10:40	0.48	
		16:40	2.59	
		23:20	0.36	
5	Qua	5:40	2.44	
		11:30	0.54	
		17:30	2.46	
		0:20	0.45	
		6:40	2.25	
		12:20	0.62	
		18:30	2.33	
7	Sex	1:30	0.58	
		7:50	2.07	
		13:10	0.7	
		19:30	2.22	
8	Sab	2:40	0.65	
		9:00	1.96	
		14:20	0.75	
		20:50	2.16	
9	Dom	4:00	0.55	
		10:10	1.94	
		15:30	0.78	
		22:00	2.14	
10	Seg	5:00	0.44	
		11:10	2.0	
		16:40	0.76	
		23:00	2.19	
11	Ter	5:50	0.36	
		12:00	2.12	
		17:40	0.7	
12	Qua	6:00	2.24	
		6:40	0.38	
		12:50	2.22	
		18:30	0.63	
13	Qui	0:40	2.34	
		7:10	0.33	
		13:30	2.32	
		19:20	0.54	
14	Sex	1:20	2.42	
		7:50	0.3	
		14:00	2.41	
		20:00	0.46	
15	Sab	2:00	2.46	
		8:20	0.32	
		14:30	2.43	
		20:30	0.38	
16	Dom	2:40	2.47	
		8:50	0.32	
		14:50	2.42	
		21:10	0.28	
17	Seg	3:20	2.42	
		9:20	0.32	
		15:20	2.37	
		21:40	0.22	
18	Ter	4:00	2.32	
		9:50	0.34	
		15:50	2.31	
		22:20	0.2	
19	Qua	4:40	2.18	
		10:20	0.37	
		16:20	2.26	
		23:10	0.23	
20	Qui	5:20	2.03	
		10:50	0.42	
		17:00	2.2	
		23:50	0.32	
21	Sex	6:00	1.89	
		11:30	0.46	
		18:00	2.11	
22	Sab	0:50	0.43	
		6:50	1.8	
		12:20	0.5	
		19:00	2.05	
23	Dom	1:50	0.54	
		7:50	1.77	
		13:20	0.55	
		20:00	2.04	
24	Seg	3:00	0.61	
		9:00	1.85	
		14:30	0.58	
		21:10	2.11	
25	Ter	4:00	0.6	
		10:10	2.02	
		15:50	0.57	
		22:20	2.24	
26	Qua	5:00	0.51	
		11:10	2.23	
		17:00	0.53	
		23:20	2.4	
27	Qui	5:50	0.43	
		12:00	2.45	
		18:00	0.46	
28	Sex	0:20	2.56	
		6:40	0.36	
		12:50	2.62	
		19:00	0.36	
29	Sab	1:10	2.71	
		7:20	0.37	
		13:30	2.76	
		19:40	0.34	
30	Dom	2:00	2.8	
		8:10	0.35	
		14:10	2.82	
		20:30	0.29	
31	Seg	2:50	2.81	
		8:50	0.42	
		14:50	2.82	
		21:20	0.27	

Dia	Abril	Hora	Altura (m)	Fase Lunar
1	Ter	3:40	2.73	
		9:30	0.5	
		15:30	2.77	
		22:10	0.31	
2	Qua	4:30	2.58	
		10:10	0.57	
		16:20	2.64	
		23:10	0.38	
3	Qui	5:20	2.39	
		11:00	0.6	
		17:10	2.48	
4	Sex	0:10	0.49	
		6:20	2.17	
		11:50	0.64	
		18:00	2.31	
5	Sab	1:10	0.61	
		7:20	2.01	
		12:50	0.69	
		19:10	2.16	
6	Dom	2:20	0.65	
		8:30	1.91	
		14:00	0.75	
		20:20	2.06	
7	Seg	3:30	0.58	
		9:40	1.91	
		15:10	0.79	
		21:40	2.0	
8	Ter	4:30	0.48	
		10:50	1.96	
		16:30	0.77	
		22:40	2.03	
9	Qua	5:10	0.47	
		11:40	2.07	
		17:30	0.68	
		23:30	2.12	
10	Qui	5:50	0.44	
		12:20	2.2	
		18:10	0.61	
		0:20	2.22	
		6:30	0.42	
		12:50	2.31	
		18:50	0.51	
12	Sab	1:00	2.33	
		7:10	0.39	
		13:10	2.42	
		19:30	0.4	
13	Dom	1:40	2.4	
		7:40	0.39	
		13:40	2.46	
		20:00	0.31	
14	Seg	2:20	2.42	
		8:10	0.38	
		14:10	2.47	
		20:40	0.23	
15	Ter	2:50	2.4	
		8:30	0.41	
		14:30	2.47	
		21:20	0.19	
16	Qua	3:30	2.31	
		9:00	0.43	
		15:10	2.46	
		22:00	0.21	
17	Qui	4:10	2.18	
		9:40	0.42	
		15:50	2.41	
		22:40	0.28	
18	Sex	4:40	2.06	
		10:10	0.47	
		16:40	2.32	
		23:30	0.37	
19	Sab	5:30	1.94	
		11:00	0.49	
		17:30	2.21	
		0:20	0.46	
20	Dom	6:20	1.87	
		12:00	0.52	
		18:30	2.1	
21	Seg	1:20	0.53	
		7:30	1.86	
		13:10	0.54	
		19:40	2.06	
22	Ter	2:20	0.57	
		8:40	1.96	
		14:30	0.55	
		20:50	2.11	
23	Qua	3:20	0.57	
		9:50	2.13	
		15:40	0.56	
		22:00	2.23	
24	Qui	4:20	0.53	
		10:50	2.32	
		16:50	0.51	
		23:00	2.39	
25	Sex	5:20	0.45	
		11:40	2.51	
		17:50	0.42	
26	Sab	0:00	2.56	
		6:10	0.43	
		12:20	2.68	
		18:40	0.35	
27	Dom	1:00	2.67	
		6:50	0.49	
		13:00	2.8	
		19:30	0.29	
28	Seg	1:50	2.74	
		7:40	0.49	
		13:40	2.86	
		20:20	0.27	
29	Ter	2:40	2.73	
		8:20	0.55	
		14:20	2.87	
		21:10	0.29	
30	Qua	3:30	2.63	
		9:00	0.6	
		15:10	2.8	
		22:00	0.35	

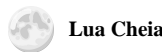
Simbologia das fases lunares:  
 Horários no padrão local (Fuso Horário UTC -3:00)  
 Dados de nível sem Georreferenciamento



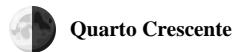
Lua Nova



Quarto Minguante



Lua Cheia

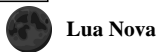


Quarto Crescente

Dia	Mas	Hora	Altura (m)	Fase Lunar
1	Qui	4:20	2.47	
		9:50	0.6	
		16:00	2.66	
		22:50	0.44	
2	Sex	5:10	2.29	
		10:30	0.64	
		16:50	2.48	
		23:50	0.51	
3	Sab	6:00	2.12	
		11:20	0.66	
		17:40	2.29	
		0:50	0.58	
		7:00	1.99	
		12:30	0.67	
		18:50	2.1	
5	Seg	1:50	0.6	
		8:10	1.91	
		13:40	0.73	
		19:50	1.98	
6	Ter	2:50	0.58	
		9:10	1.92	
		15:00	0.79	
		21:00	1.92	
7	Qua	3:40	0.56	
		10:10	1.97	
		16:10	0.76	
		22:00	1.95	
8	Qui	4:20	0.56	
		10:50	2.07	
		17:00	0.68	
		23:00	2.02	
9	Sex	5:10	0.51	
		11:30	2.16	
		17:40	0.58	
		23:50	2.13	
10	Sab	5:50	0.5	
		12:00	2.27	
		18:20	0.48	
		0:30	2.24	
		6:20	0.49	
		12:50	2.37	
		19:00	0.37	
12	Seg	1:10	2.32	
		6:50	0.48	
		12:50	2.46	
		19:40	0.29	
13	Ter	1:50	2.34	
		7:20	0.47	
		13:30	2.53	
		20:10	0.27	
14	Qua	2:30	2.31	
		7:50	0.47	
		14:10	2.56	
		21:00	0.25	
15	Qui	3:00	2.27	
		8:30	0.45	
		14:50	2.56	
		21:40	0.28	
16	Sex	3:40	2.19	
		9:10	0.45	
		15:30	2.51	
		22:20	0.34	
17	Sab	4:20	2.11	
		9:50	0.49	
		16:20	2.41	
		23:10	0.38	
18	Dom	5:10	2.04	
		10:50	0.48	
		17:10	2.29	
19	Seg	6:00	0.42	
		6:10	2.0	
		11:50	0.51	
		18:10	2.17	
20	Ter	7:10	0.46	
		7:10	2.02	
		13:00	0.52	
		19:10	2.12	
21	Qua	8:20	2.1	
		8:20	0.49	
		14:20	0.52	
		20:30	2.14	
22	Qui	9:20	2.22	
		9:20	0.51	
		15:30	0.53	
		21:40	2.24	
23	Sex	10:10	2.37	
		10:10	0.5	
		16:30	2.36	
		22:50	0.52	
24	Sab	11:00	2.53	
		11:00	0.43	
		17:30	2.49	
		23:50	0.55	
25	Dom	11:50	2.66	
		11:50	0.38	
		18:20	2.57	
		0:50	0.56	
		6:30	2.78	
		12:30	0.29	
27	Ter	1:40	2.61	
		7:10	0.62	
		13:20	2.84	
		20:10	0.29	
28	Qua	2:30	2.58	
		8:00	0.61	
		14:10	2.84	
		21:00	0.31	
29	Qui	3:10	2.52	
		8:40	0.63	
		14:50	2.78	
		21:50	0.36	
30	Sex	4:00	2.4	
		9:20	0.65	
		15:40	2.65	
		22:40	0.41	
31	Sab	4:50	2.26	
		10:10	0.63	
		16:30	2.46	
		23:30	0.46	

Dia	Jun	Hora	Altura (m)	Fase Lunar
1	Dom	5:40	2.14	
		11:10	0.61	
		17:20	2.26	
2	Seg	6:20	0.5	
		6:40	2.03	
		12:10	0.63	
		18:20	2.08	
3	Ter	1:10	0.53	
		7:30	1.97	
		13:20	0.69	
		19:10	1.95	
4	Qua	2:00	0.54	
		8:30	1.94	
		14:30	0.74	
		20:20	1.89	
5	Qui	2:40	0.56	
		9:20	1.95	
		15:30	0.73	
		21:20	1.9	
6	Sex	3:30	0.57	
		10:00	2.0	
		16:20	0.66	
		22:20	1.96	
7	Sab	4:10	0.57	
		10:30	2.1	
		17:00	0.57	
		23:20	2.03	
8	Dom	4:50	0.57	
		11:00	2.2	
		17:50	0.48	
		0:00	2.12	
9	Seg	5:30	0.55	
		11:40	2.33	
		18:30	0.41	
		0:40	2.19	
10	Ter	6:00	0.55	
		12:20	2.45	
		19:10	0.36	
		1:20	2.23	
		6:40	0.52	
		13:00	2.56	
		20:00	0.32	
12	Qui	2:00	2.25	
		7:20	0.49	
		13:50	2.62	
		20:40	0.31	
13	Sex	2:30	2.26	
		8:00	0.49	
		14:30	2.63	
		21:20	0.32	
14	Sab	3:20	2.25	
		8:50	0.47	
		15:20	2.57	
		22:00	0.34	
15	Dom	4:00	2.24	
		9:40	0.48	
		16:00	2.5	
		22:40	0.37	
16	Seg	4:50	2.21	
		10:40	0.46	
		16:50	2.39	
		23:30	0.37	
17	Ter	5:50	2.19	
		11:40	0.46	
		17:50	2.28	
18	Qua	6:50	2.18	
		12:50	0.46	
		18:50	2.22	
19	Qui	1:20	0.44	
		7:40	2.22	
		14:00	0.48	
		20:10	2.21	
20	Sex	2:20	0.51	
		8:40	2.27	
		15:00	0.52	
		21:20	2.25	
21	Sab	3:20	0.57	
		9:30	2.37	
		16:10	0.51	
		22:30	2.31	
22	Dom	4:20	0.62	
		10:30	2.48	
		17:10	0.47	
		23:40	2.36	
23	Seg	5:10	0.67	
		11:20	2.6	
		18:10	0.4	
24	Ter	6:30	2.43	
		6:00	0.68	
		12:10	2.71	
		19:10	0.3	
25	Qua	1:20	2.47	
		6:50	0.67	
		13:10	2.75	
		20:00	0.29	
26	Qui	2:10	2.46	
		7:30	0.68	
		14:00	2.76	
		20:50	0.29	
27	Sex	3:00	2.41	
		8:20	0.64	
		14:40	2.72	
		21:40	0.29	
28	Sab	3:40	2.38	
		9:10	0.6	
		15:30	2.59	
		22:20	0.35	
29	Dom	4:30	2.3	
		10:00	0.57	
		16:10	2.44	
		23:00	0.39	
30	Seg	5:20	2.2	
		11:00	0.55	
		17:00	2.27	
		23:40	0.42	

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

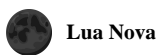
Dia	Julho	Hora	Altura (m)	Fase Lunar
1	Ter	6:00	2.12	
		11:50	0.56	
		17:50	2.1	
2	Qua	0:20	0.43	
		6:50	2.03	
		12:50	0.58	
		18:40	1.98	
3	Qui	1:00	0.45	
		7:30	1.96	
		13:40	0.58	
		19:40	1.9	
4	Sex	1:50	0.48	
		8:10	1.93	
		14:30	0.58	
		20:40	1.87	
5	Sab	2:30	0.52	
		8:50	1.94	
		15:30	0.59	
		21:40	1.88	
6	Dom	3:10	0.55	
		9:30	2.01	
		16:20	0.56	
		22:40	1.91	
7	Seg	4:00	0.56	
		10:20	2.13	
		17:10	0.53	
		23:30	1.97	
8	Ter	4:40	0.57	
		11:10	2.28	
		18:10	0.47	
9	Qua	0:10	2.06	
		5:20	0.57	
		12:00	2.43	
		18:50	0.43	
10	Qui	0:50	2.15	
		6:10	0.53	
		12:40	2.56	
		19:40	0.37	
11	Sex	1:30	2.24	
		7:00	0.49	
		13:30	2.63	
		20:20	0.33	
12	Sab	2:10	2.53	
		7:50	0.46	
		14:20	2.66	
		21:00	0.31	
13	Dom	3:00	2.38	
		8:40	0.44	
		15:00	2.65	
		21:40	0.29	
14	Seg	3:50	2.41	
		9:40	0.38	
		15:50	2.58	
		22:20	0.31	
15	Ter	4:30	2.42	
		10:30	0.39	
		16:40	2.5	
		23:10	0.31	
16	Qua	5:20	2.38	
		11:30	0.38	
		17:40	2.4	
17	Qui	0:00	0.36	
		6:10	2.33	
		12:30	0.41	
		18:40	2.32	
18	Sex	0:50	0.46	
		7:00	2.3	
		13:30	0.47	
		19:50	2.25	
19	Sab	1:50	0.55	
		8:00	2.29	
		14:40	0.54	
		21:00	2.21	
20	Dom	2:50	0.64	
		9:00	2.32	
		15:50	0.56	
		22:10	2.21	
21	Seg	3:40	0.73	
		10:00	2.4	
		17:00	0.49	
		23:20	2.22	
22	Ter	4:40	0.75	
		11:00	2.5	
		18:00	0.4	
23	Qua	0:20	2.25	
		5:40	0.72	
		12:00	2.58	
		19:00	0.27	
24	Qui	1:10	2.31	
		6:30	0.69	
		13:00	2.62	
		19:50	0.23	
25	Sex	2:00	2.35	
		7:20	0.64	
		13:50	2.64	
		20:40	0.19	
26	Sab	2:40	2.41	
		8:10	0.59	
		14:50	2.62	
		21:10	0.3	
27	Dom	3:20	2.42	
		9:50	0.53	
		15:10	2.55	
		21:50	0.31	
28	Seg	4:00	2.39	
		9:50	0.49	
		15:50	2.44	
		22:20	0.36	
29	Ter	4:40	2.31	
		10:40	0.46	
		16:30	2.31	
		23:00	0.35	
30	Qua	5:10	2.21	
		11:20	0.44	
		17:20	2.16	
		23:40	0.35	
31	Qui	5:50	2.08	
		12:00	0.41	
		18:10	2.03	

Dia	Agosto	Hora	Altura (m)	Fase Lunar
1	Sex	0:10	0.39	
		6:20	1.97	
		12:50	0.41	
		19:00	1.91	
2	Sab	0:50	0.43	
		7:00	1.9	
		13:40	0.44	
		20:00	1.83	
3	Dom	1:30	0.48	
		7:50	1.9	
		14:40	0.52	
		20:50	1.79	
4	Seg	2:10	0.54	
		8:40	1.96	
		15:50	0.59	
		21:50	1.8	
5	Ter	3:00	0.58	
		9:40	2.08	
		16:50	0.58	
		22:50	1.87	
6	Qua	3:50	0.6	
		10:40	2.24	
		17:40	0.54	
		23:40	1.99	
7	Qui	4:50	0.58	
		11:40	2.38	
		18:30	0.46	
8	Sex	0:20	2.15	
		5:50	0.53	
		12:30	2.52	
		19:10	0.4	
9	Sab	1:10	2.31	
		6:50	0.46	
		13:20	2.62	
		19:50	0.35	
10	Dom	2:00	2.45	
		7:40	0.42	
		14:00	2.69	
		20:30	0.31	
11	Seg	2:40	2.56	
		8:40	0.33	
		14:50	2.71	
		21:10	0.3	
12	Ter	3:20	2.61	
		9:30	0.3	
		15:40	2.68	
		22:00	0.28	
13	Qua	4:10	2.59	
		10:20	0.3	
		16:30	2.61	
		22:40	0.35	
14	Qui	4:50	2.53	
		11:10	0.33	
		17:20	2.51	
		23:30	0.42	
15	Sex	5:40	2.44	
		12:00	0.4	
		18:20	2.37	
16	Sab	0:20	0.52	
		6:30	2.35	
		13:10	0.48	
		19:30	2.23	
17	Dom	1:10	0.63	
		7:20	2.29	
		14:20	0.59	
18	Seg	2:10	0.72	
		8:30	2.27	
		15:40	0.59	
		21:50	2.07	
19	Ter	3:10	0.78	
		9:40	2.3	
		16:50	0.47	
		23:00	2.08	
20	Qua	4:20	0.78	
		10:50	2.35	
		17:50	0.35	
21	Qui	0:00	2.15	
		5:20	0.74	
		11:50	2.42	
		18:50	0.2	
22	Sex	0:50	2.26	
		6:20	0.66	
		12:50	2.46	
		19:30	0.21	
23	Sab	1:40	2.35	
		7:20	0.56	
		13:30	2.52	
		20:10	0.22	
24	Dom	2:20	2.43	
		8:00	0.52	
		14:10	2.54	
		20:40	0.29	
25	Seg	2:50	2.48	
		8:50	0.45	
		14:50	2.51	
		21:10	0.33	
26	Ter	3:20	2.47	
		9:30	0.41	
		15:30	2.45	
		21:50	0.31	
27	Qua	3:50	2.39	
		10:10	0.36	
		16:10	2.35	
		22:20	0.33	
28	Qui	4:20	2.26	
		10:40	0.31	
		16:50	2.21	
		22:50	0.35	
29	Sex	4:50	2.14	
		11:20	0.3	
		17:30	2.06	
		23:20	0.39	
30	Sab	5:20	2.04	
		12:10	0.32	
		18:20	1.9	
		23:50	0.46	
31	Dom	6:10	1.97	
		13:00	0.4	
		19:10	1.77	

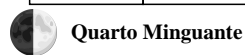
Simbologia das fases lunares:

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

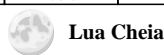
Dados de nível sem Georreferenciamento



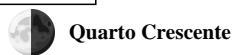
Lua Nova



Quarto Minguante



Lua Cheia

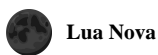


Quarto Crescente

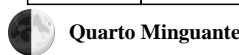
Dia	Setembro	Hora	Altura (m)	Fase Lunar
1	Seg	0:30	0,52	
		7:00	1,94	
		14:00	0,5	
		20:10	1,71	
2	Ter	1:20	0,56	
		8:00	1,96	
		15:10	0,6	
		21:10	1,73	
3	Qua	2:20	0,58	
		9:10	2,05	
		16:20	0,6	
		22:10	1,84	
4	Qui	3:30	0,58	
		10:20	2,18	
		17:10	0,55	
		23:10	2,02	
5	Sex	4:40	0,54	
		11:20	2,33	
		18:00	0,46	
6	Sab	0:00	2,24	
		5:40	0,5	
		12:10	2,48	
		18:40	0,4	
7	Dom	0:50	2,44	
		6:40	0,41	
		13:00	2,62	
		19:20	0,36	
8	Seg	1:30	2,62	
		7:40	0,31	
		13:50	2,72	
		20:00	0,35	
9	Ter	2:10	2,73	
		8:20	0,31	
		14:40	2,77	
		20:50	0,31	
10	Qua	2:50	2,76	
		9:10	0,28	
		15:30	2,75	
		21:50	0,37	
11	Qui	3:30	2,73	
		10:00	0,28	
		16:20	2,67	
		22:50	0,4	
12	Sex	4:30	2,64	
		10:50	0,33	
		17:10	2,52	
		23:00	0,51	
13	Sab	5:00	2,53	
		11:50	0,41	
		18:10	2,33	
		23:50	0,59	
14	Dom	6:00	2,39	
		12:50	0,53	
		19:10	2,15	
15	Seg	0:40	0,68	
		7:00	2,27	
		14:10	0,61	
		20:20	2,02	
16	Ter	1:40	0,74	
		8:10	2,2	
		15:20	0,6	
		21:40	1,95	
17	Qua	2:50	0,79	
		9:30	2,17	
		16:30	0,47	
		22:40	2,01	
18	Qui	4:10	0,78	
		10:40	2,19	
		17:30	0,34	
		23:40	2,11	
19	Sex	5:20	0,69	
		11:40	2,25	
		18:10	0,34	
20	Sab	0:30	2,24	
		6:20	0,58	
		12:30	2,32	
		18:50	0,34	
21	Dom	1:10	2,37	
		7:10	0,5	
		13:10	2,41	
		19:30	0,33	
22	Seg	1:40	2,48	
		7:50	0,44	
		13:50	2,46	
		20:00	0,36	
23	Ter	2:10	2,51	
		8:20	0,4	
		14:30	2,47	
		20:30	0,38	
24	Qua	2:40	2,49	
		9:00	0,33	
		15:10	2,44	
		21:10	0,34	
25	Qui	3:10	2,42	
		9:30	0,28	
		15:50	2,35	
		21:50	0,38	
26	Sex	3:30	2,34	
		10:10	0,25	
		16:20	2,22	
		22:00	0,41	
27	Sab	4:00	2,26	
		10:50	0,26	
		17:00	2,05	
		22:30	0,46	
28	Dom	4:40	2,18	
		11:40	0,31	
		17:40	1,88	
		23:10	0,49	
29	Seg	5:30	2,1	
		12:30	0,41	
		18:30	1,76	
		23:50	0,54	
30	Ter	6:30	2,02	
		13:30	0,51	
		19:30	1,7	

Dia	Outubro	Hora	Altura (m)	Fase Lunar
1	Qua	0:50	0,56	
		7:30	1,98	
		14:40	0,58	
		20:30	1,75	
2	Qui	2:00	0,57	
		8:40	2,03	
		15:40	0,58	
		21:40	1,91	
3	Sex	3:20	0,54	
		9:50	2,14	
		16:30	0,55	
		22:40	2,13	
4	Sab	4:30	0,51	
		11:00	2,28	
		17:20	0,48	
		23:40	2,35	
5	Dom	5:40	0,43	
		11:50	2,46	
		18:10	0,41	
6	Seg	0:20	2,57	
		6:30	0,37	
		12:50	2,6	
		18:50	0,41	
7	Ter	1:00	2,73	
		7:20	0,31	
		13:40	2,73	
		19:40	0,37	
8	Qua	1:40	2,82	
		8:10	0,26	
		14:30	2,78	
		20:20	0,43	
9	Qui	2:20	2,85	
		8:50	0,29	
		15:10	2,77	
		21:00	0,5	
10	Sex	3:10	2,8	
		9:40	0,31	
		16:00	2,66	
		21:50	0,52	
11	Sab	3:50	2,72	
		10:40	0,35	
		17:00	2,45	
		22:30	0,61	
12	Dom	4:40	2,58	
		11:30	0,47	
		17:50	2,26	
		23:20	0,65	
13	Seg	5:30	2,41	
		12:40	0,55	
		18:50	2,08	
		0:20	0,68	
14	Ter	6:40	2,25	
		13:50	0,6	
		20:00	1,96	
15	Qua	1:20	0,74	
		7:50	2,13	
		15:00	0,57	
		21:10	1,94	
16	Qui	2:40	0,77	
		9:10	2,05	
		16:00	0,5	
		22:20	1,99	
17	Sex	4:00	0,76	
		10:20	2,04	
		16:50	0,46	
		23:10	2,12	
18	Sab	5:10	0,66	
		11:10	2,12	
		17:30	0,46	
		23:50	2,26	
19	Dom	6:00	0,57	
		12:00	2,21	
		18:10	0,45	
20	Seg	0:30	2,36	
		6:40	0,5	
		12:50	2,29	
		18:50	0,43	
21	Ter	1:00	2,44	
		7:20	0,43	
		13:30	2,37	
		19:20	0,44	
22	Qua	1:30	2,48	
		7:50	0,37	
		14:10	2,4	
		19:50	0,44	
23	Qui	1:50	2,49	
		8:30	0,3	
		14:40	2,4	
		20:20	0,43	
24	Sex	2:20	2,47	
		9:00	0,26	
		15:20	2,31	
		20:50	0,44	
25	Sab	3:00	2,43	
		9:40	0,26	
		15:50	2,19	
		21:20	0,46	
26	Dom	3:30	2,39	
		10:30	0,28	
		16:30	2,04	
		21:50	0,51	
27	Seg	4:20	2,31	
		11:10	0,35	
		17:10	1,91	
		22:40	0,5	
28	Ter	5:10	2,2	
		12:10	0,4	
		18:00	1,82	
		23:30	0,53	
29	Qua	6:00	2,1	
		13:00	0,47	
		19:00	1,8	
30	Qui	0:40	0,52	
		7:10	2,02	
		14:00	0,51	
		20:10	1,89	
31	Sex	1:50	0,53	
		8:20	2,04	
		14:50	0,54	
		21:10	2,04	

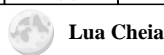
Simbologia das fases lunares:  
 Horários no padrão local (Fuso Horário UTC -3:00)  
 Dados de nível sem Georreferenciamento



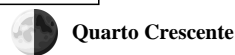
Lua Nova



Quarto Minguante



Lua Cheia

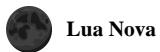


Quarto Crescente

Dia	Novembro	Hora	Altura (m)	Fase Lunar
1	Sab	3:10	0.51	
		9:30	2.13	
		15:50	0.52	
		22:10	2.24	
2	Dom	4:20	0.48	
		10:30	2.28	
		16:40	0.51	
		23:00	2.44	
3	Seg	5:20	0.43	
		11:40	2.43	
		17:30	0.5	
		23:50	2.62	
4	Ter	6:10	0.38	
		12:30	2.6	
		18:20	0.5	
		0:30	2.76	
		7:00	0.34	
		13:20	2.71	
		19:10	0.5	
6	Qui	1:20	2.83	
		7:50	0.31	
		14:10	2.74	
		20:00	0.51	
7	Sex	2:00	2.87	
		8:40	0.31	
		15:00	2.68	
		20:40	0.57	
8	Sab	2:40	2.85	
		9:30	0.35	
		15:50	2.55	
		21:20	0.63	
9	Dom	3:30	2.75	
		10:30	0.38	
		16:40	2.39	
		22:10	0.63	
10	Seg	4:20	2.6	
		11:30	0.43	
		17:40	2.2	
		23:00	0.65	
11	Ter	5:20	2.41	
		12:20	0.53	
		18:40	2.06	
12	Qua	0:00	0.67	
		6:20	2.32	
		13:20	0.57	
		19:40	1.99	
13	Qui	1:20	0.7	
		7:30	2.06	
		14:20	0.57	
		20:40	1.98	
14	Sex	2:30	0.75	
		8:40	1.97	
		15:10	0.59	
		21:40	2.02	
15	Sab	3:50	0.73	
		9:40	1.96	
		16:00	0.57	
		22:30	2.1	
16	Dom	4:50	0.65	
		10:40	2.01	
		16:40	0.57	
		23:10	2.19	
17	Seg	5:30	0.58	
		11:30	2.11	
		17:30	0.53	
		23:40	2.29	
18	Ter	6:10	0.51	
		12:20	2.2	
		18:00	0.54	
19	Qua	0:10	2.36	
		6:50	0.44	
		13:00	2.27	
		18:40	0.51	
20	Qui	0:40	2.43	
		7:20	0.38	
		13:40	2.3	
		19:10	0.5	
21	Sex	1:20	2.48	
		8:00	0.33	
		14:20	2.28	
		19:40	0.49	
22	Sab	1:50	2.52	
		8:40	0.3	
		14:50	2.23	
		20:10	0.5	
23	Dom	2:30	2.53	
		9:30	0.28	
		15:30	2.15	
		20:50	0.48	
24	Seg	3:10	2.5	
		10:10	0.3	
		16:00	2.08	
		21:30	0.5	
25	Ter	4:00	2.41	
		10:50	0.35	
		16:50	2.01	
		22:20	0.5	
26	Qua	4:50	2.29	
		11:40	0.37	
		17:40	1.98	
		23:20	0.49	
27	Qui	5:40	2.18	
		12:30	0.43	
		18:40	1.99	
28	Sex	0:30	0.46	
		6:40	2.1	
		13:20	0.44	
		19:40	2.06	
29	Sab	1:40	0.47	
		7:50	2.09	
		14:10	0.49	
		20:40	2.17	
30	Dom	3:00	0.48	
		9:00	2.16	
		15:10	0.52	
		21:40	2.3	

Dia	Dezembro	Hora	Altura (m)	Fase Lunar
1	Seg	4:00	0.49	
		10:10	2.28	
		16:10	0.54	
		22:30	2.45	
2	Ter	5:00	0.45	
		11:20	2.41	
		17:10	0.54	
		23:20	2.59	
3	Qua	5:50	0.43	
		12:20	2.51	
		18:00	0.57	
4	Qui	0:10	2.71	
		6:50	0.36	
		13:10	2.59	
		18:50	0.58	
5	Sex	0:50	2.82	
		7:40	0.34	
		14:00	2.6	
		19:30	0.64	
6	Sab	1:40	2.86	
		8:30	0.34	
		14:50	2.55	
		20:20	0.62	
7	Dom	2:30	2.83	
		9:30	0.3	
		15:40	2.45	
		21:00	0.65	
8	Seg	3:20	2.74	
		10:20	0.34	
		16:30	2.33	
		21:50	0.63	
9	Ter	4:10	2.59	
		11:10	0.39	
		17:20	2.23	
		22:50	0.6	
10	Qua	5:00	2.4	
		12:00	0.44	
		18:10	2.14	
		23:50	0.61	
11	Qui	6:00	2.2	
		12:40	0.52	
		19:10	2.06	
12	Sex	1:00	0.65	
		7:00	2.04	
		13:30	0.54	
		20:00	2.03	
13	Sab	2:10	0.71	
		8:00	1.94	
		14:20	0.57	
		20:50	2.02	
14	Dom	3:10	0.72	
		9:00	1.91	
		15:10	0.58	
		21:40	2.03	
15	Seg	4:00	0.68	
		10:00	1.94	
		15:50	0.6	
		22:20	2.08	
16	Ter	4:50	0.62	
		11:00	2.0	
		16:40	0.6	
		22:50	2.16	
17	Qua	5:30	0.56	
		11:50	2.06	
		17:20	0.58	
		23:30	2.26	
18	Qui	6:20	0.48	
		12:30	2.13	
		17:50	0.57	
19	Sex	0:10	2.37	
		7:00	0.42	
		13:10	2.17	
		18:20	0.57	
20	Sab	0:50	2.48	
		7:40	0.37	
		13:50	2.18	
		19:00	0.54	
21	Dom	1:30	2.56	
		8:30	0.32	
		14:20	2.2	
		19:40	0.52	
22	Seg	2:10	2.59	
		9:10	0.3	
		15:00	2.2	
		20:30	0.47	
23	Ter	3:00	2.56	
		9:50	0.29	
		15:40	2.2	
		21:20	0.45	
24	Qua	3:40	2.5	
		10:20	0.34	
		16:30	2.2	
		22:10	0.45	
25	Qui	4:30	2.39	
		11:10	0.32	
		17:20	2.2	
		23:10	0.42	
26	Sex	5:20	2.29	
		11:50	0.37	
		18:10	2.2	
27	Sab	0:30	0.39	
		6:20	2.21	
		12:40	0.41	
		19:10	2.21	
28	Dom	1:20	0.43	
		7:30	2.18	
		13:40	0.46	
		20:00	2.25	
29	Seg	2:30	0.48	
		8:40	2.21	
		14:40	0.54	
		21:00	2.31	
30	Ter	3:30	0.53	
		9:50	2.27	
		15:40	0.61	
		22:00	2.4	
31	Qua	4:40	0.51	
		11:00	2.33	
		16:40	0.65	

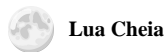
Simbologia das fases lunares:  
 Horários no padrão local (Fuso Horário UTC -3:00)  
 Dados de nível sem Georreferenciamento



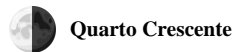
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente