

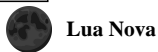
| Dia | Janeiro | Hora  | Altura (m) | Fase Lunar |
|-----|---------|-------|------------|------------|
| 1   | Qua     | 2:00  | 1.65       |            |
|     |         | 10:10 | 4.84       |            |
|     |         | 16:00 | 1.09       |            |
|     |         | 22:10 | 4.98       |            |
| 2   | Qui     | 4:40  | 0.73       |            |
|     |         | 11:00 | 4.84       |            |
|     |         | 16:40 | 1.19       |            |
|     |         | 22:50 | 4.86       |            |
| 3   | Sex     | 5:30  | 0.79       |            |
|     |         | 11:40 | 4.75       |            |
|     |         | 17:30 | 1.24       |            |
|     |         | 23:40 | 4.79       |            |
| 4   | Sab     | 6:10  | 0.97       |            |
|     |         | 12:20 | 4.64       |            |
|     |         | 18:20 | 1.31       |            |
| 5   | Dom     | 0:30  | 4.72       |            |
|     |         | 6:50  | 1.15       |            |
|     |         | 13:10 | 4.59       |            |
|     |         | 19:10 | 1.37       |            |
| 6   | Seg     | 1:20  | 4.64       |            |
|     |         | 7:40  | 1.27       |            |
|     |         | 13:50 | 4.54       |            |
|     |         | 20:10 | 1.37       |            |
| 7   | Ter     | 2:20  | 4.61       |            |
|     |         | 8:30  | 1.38       |            |
|     |         | 14:50 | 4.55       |            |
|     |         | 21:10 | 1.38       |            |
| 8   | Qua     | 3:30  | 4.57       |            |
|     |         | 9:30  | 1.44       |            |
|     |         | 15:50 | 4.56       |            |
|     |         | 22:20 | 1.33       |            |
| 9   | Qui     | 4:40  | 4.5        |            |
|     |         | 10:40 | 1.42       |            |
|     |         | 17:00 | 4.59       |            |
|     |         | 23:30 | 1.22       |            |
| 10  | Sex     | 5:50  | 4.52       |            |
|     |         | 11:50 | 1.3        |            |
|     |         | 18:00 | 4.66       |            |
|     |         | 0:40  | 1.01       |            |
| 11  | Sab     | 7:00  | 4.7        |            |
|     |         | 12:50 | 1.14       |            |
|     |         | 19:00 | 4.78       |            |
|     |         | 1:40  | 0.77       |            |
| 12  | Dom     | 8:00  | 4.92       |            |
|     |         | 13:50 | 0.96       |            |
|     |         | 20:00 | 4.93       |            |
|     |         | 2:40  | 0.55       |            |
| 13  | Seg     | 9:00  | 5.13       |            |
|     |         | 14:50 | 0.81       |            |
|     |         | 20:50 | 5.0        |            |
|     |         | 3:30  | 0.45       |            |
| 14  | Ter     | 9:50  | 5.2        |            |
|     |         | 15:30 | 0.81       |            |
|     |         | 21:40 | 5.04       |            |
|     |         | 4:10  | 0.47       |            |
| 15  | Qua     | 10:30 | 5.12       |            |
|     |         | 16:20 | 0.83       |            |
|     |         | 22:20 | 4.98       |            |
|     |         | 4:50  | 0.58       |            |
| 16  | Qui     | 11:10 | 4.99       |            |
|     |         | 16:50 | 0.98       |            |
|     |         | 23:00 | 4.9        |            |
|     |         | 5:30  | 0.75       |            |
| 17  | Sex     | 11:40 | 4.8        |            |
|     |         | 17:30 | 1.09       |            |
|     |         | 23:30 | 4.79       |            |
| 18  | Sab     | 6:00  | 0.98       |            |
|     |         | 12:10 | 4.66       |            |
|     |         | 18:00 | 1.26       |            |
| 19  | Dom     | 0:10  | 4.72       |            |
|     |         | 6:30  | 1.21       |            |
|     |         | 12:40 | 4.57       |            |
|     |         | 18:40 | 1.36       |            |
| 20  | Seg     | 0:40  | 4.6        |            |
|     |         | 7:00  | 1.4        |            |
|     |         | 13:10 | 4.51       |            |
|     |         | 19:20 | 1.46       |            |
| 21  | Ter     | 1:20  | 4.49       |            |
|     |         | 7:30  | 1.55       |            |
|     |         | 13:40 | 4.46       |            |
|     |         | 20:00 | 1.55       |            |
| 22  | Qua     | 2:00  | 4.35       |            |
|     |         | 8:00  | 1.68       |            |
|     |         | 14:20 | 4.42       |            |
|     |         | 20:50 | 1.62       |            |
| 23  | Qui     | 2:50  | 4.27       |            |
|     |         | 8:40  | 1.77       |            |
|     |         | 15:00 | 4.39       |            |
|     |         | 21:40 | 1.67       |            |
| 24  | Sex     | 3:50  | 4.22       |            |
|     |         | 9:30  | 1.83       |            |
|     |         | 16:00 | 4.45       |            |
|     |         | 22:50 | 1.68       |            |
| 25  | Sab     | 5:00  | 4.16       |            |
|     |         | 10:40 | 1.83       |            |
|     |         | 17:10 | 4.51       |            |
| 26  | Dom     | 0:00  | 1.6        |            |
|     |         | 6:10  | 4.16       |            |
|     |         | 11:50 | 1.75       |            |
|     |         | 18:10 | 4.58       |            |
| 27  | Seg     | 1:00  | 1.38       |            |
|     |         | 7:30  | 4.3        |            |
|     |         | 13:00 | 1.54       |            |
|     |         | 19:20 | 4.71       |            |
| 28  | Ter     | 2:00  | 1.06       |            |
|     |         | 8:20  | 4.57       |            |
|     |         | 14:00 | 1.27       |            |
|     |         | 20:20 | 4.9        |            |
| 29  | Qua     | 3:00  | 0.72       |            |
|     |         | 9:10  | 4.83       |            |
|     |         | 15:00 | 0.99       |            |
|     |         | 21:10 | 5.06       |            |
| 30  | Qui     | 3:50  | 0.5        |            |
|     |         | 10:00 | 5.02       |            |
|     |         | 15:50 | 0.84       |            |
|     |         | 22:00 | 5.16       |            |
| 31  | Sex     | 4:30  | 0.47       |            |
|     |         | 10:40 | 5.05       |            |
|     |         | 16:40 | 0.77       |            |
|     |         | 22:50 | 5.19       |            |

| Dia | Fevereiro | Hora  | Altura (m) | Fase Lunar |
|-----|-----------|-------|------------|------------|
| 1   | Sab       | 5:20  | 0.47       |            |
|     |           | 11:30 | 5.06       |            |
|     |           | 17:20 | 0.86       |            |
|     |           | 23:40 | 5.16       |            |
| 2   | Dom       | 5:50  | 0.72       |            |
|     |           | 12:00 | 4.9        |            |
|     |           | 18:10 | 0.93       |            |
| 3   | Seg       | 0:20  | 5.0        |            |
|     |           | 6:30  | 0.94       |            |
|     |           | 12:40 | 4.79       |            |
|     |           | 18:50 | 1.1        |            |
| 4   | Ter       | 1:10  | 4.87       |            |
|     |           | 7:10  | 1.16       |            |
|     |           | 13:20 | 4.68       |            |
|     |           | 19:40 | 1.22       |            |
| 5   | Qua       | 2:00  | 4.7        |            |
|     |           | 8:00  | 1.34       |            |
|     |           | 14:10 | 4.6        |            |
|     |           | 20:40 | 1.33       |            |
| 6   | Qui       | 3:00  | 4.53       |            |
|     |           | 9:00  | 1.5        |            |
|     |           | 15:10 | 4.52       |            |
|     |           | 21:50 | 1.44       |            |
| 7   | Sex       | 4:10  | 4.33       |            |
|     |           | 10:00 | 1.64       |            |
|     |           | 16:20 | 4.42       |            |
|     |           | 23:00 | 1.47       |            |
| 8   | Sab       | 5:30  | 4.25       |            |
|     |           | 11:20 | 1.6        |            |
|     |           | 17:30 | 4.38       |            |
| 9   | Dom       | 0:20  | 1.32       |            |
|     |           | 6:40  | 4.41       |            |
|     |           | 12:30 | 1.44       |            |
|     |           | 18:40 | 4.5        |            |
| 10  | Seg       | 1:20  | 1.07       |            |
|     |           | 7:50  | 4.74       |            |
|     |           | 13:30 | 1.22       |            |
|     |           | 19:40 | 4.69       |            |
| 11  | Ter       | 2:20  | 0.79       |            |
|     |           | 8:40  | 4.97       |            |
|     |           | 14:30 | 0.98       |            |
|     |           | 20:40 | 4.93       |            |
| 12  | Qua       | 3:10  | 0.46       |            |
|     |           | 9:30  | 5.13       |            |
|     |           | 15:20 | 0.53       |            |
|     |           | 21:20 | 5.0        |            |
| 13  | Qui       | 3:50  | 0.53       |            |
|     |           | 10:00 | 5.09       |            |
|     |           | 16:00 | 0.76       |            |
|     |           | 22:00 | 5.04       |            |
| 14  | Sex       | 4:30  | 0.55       |            |
|     |           | 10:40 | 5.05       |            |
|     |           | 16:30 | 0.79       |            |
|     |           | 22:40 | 5.04       |            |
| 15  | Sab       | 5:00  | 0.68       |            |
|     |           | 11:10 | 4.95       |            |
|     |           | 17:10 | 0.84       |            |
|     |           | 23:10 | 4.98       |            |
| 16  | Dom       | 5:20  | 0.91       |            |
|     |           | 11:30 | 4.84       |            |
|     |           | 17:40 | 0.96       |            |
|     |           | 23:40 | 4.89       |            |
| 17  | Seg       | 5:50  | 1.09       |            |
|     |           | 12:00 | 4.78       |            |
|     |           | 18:10 | 1.1        |            |
| 18  | Ter       | 0:10  | 4.76       |            |
|     |           | 6:10  | 1.29       |            |
|     |           | 12:20 | 4.68       |            |
|     |           | 18:40 | 1.25       |            |
| 19  | Qua       | 0:50  | 4.61       |            |
|     |           | 6:40  | 1.43       |            |
|     |           | 12:50 | 4.56       |            |
|     |           | 19:20 | 1.38       |            |
| 20  | Qui       | 1:20  | 4.37       |            |
|     |           | 7:10  | 1.58       |            |
|     |           | 13:30 | 4.45       |            |
|     |           | 20:00 | 1.52       |            |
| 21  | Sex       | 2:00  | 4.16       |            |
|     |           | 7:50  | 1.72       |            |
|     |           | 14:10 | 4.33       |            |
|     |           | 20:50 | 1.65       |            |
| 22  | Sab       | 3:00  | 4.09       |            |
|     |           | 8:40  | 1.86       |            |
|     |           | 15:10 | 4.3        |            |
|     |           | 22:00 | 1.76       |            |
| 23  | Dom       | 4:20  | 4.07       |            |
|     |           | 10:00 | 1.93       |            |
|     |           | 16:30 | 4.36       |            |
|     |           | 23:20 | 1.76       |            |
| 24  | Seg       | 5:40  | 4.05       |            |
|     |           | 11:20 | 1.88       |            |
|     |           | 17:50 | 4.44       |            |
| 25  | Ter       | 0:40  | 1.49       |            |
|     |           | 7:00  | 4.24       |            |
|     |           | 13:40 | 1.58       |            |
|     |           | 19:00 | 4.63       |            |
| 26  | Qua       | 1:50  | 1.04       |            |
|     |           | 8:00  | 4.62       |            |
|     |           | 13:50 | 1.13       |            |
|     |           | 20:10 | 4.97       |            |
| 27  | Qui       | 2:40  | 0.64       |            |
|     |           | 8:50  | 4.98       |            |
|     |           | 14:50 | 0.72       |            |
|     |           | 21:10 | 5.3        |            |
| 28  | Sex       | 3:30  | 0.34       |            |
|     |           | 9:40  | 5.24       |            |
|     |           | 15:40 | 0.48       |            |
|     |           | 22:00 | 5.49       |            |

Simbologia das fases lunares:

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

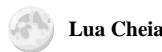
Dados de nível sem Georreferenciamento



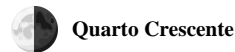
Lua Nova



Quarto Minguante



Lua Cheia

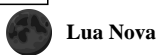


Quarto Crescente

| Dia | Março | Hora  | Altura (m) | Fase Lunar |
|-----|-------|-------|------------|------------|
| 1   | Sab   | 4:20  | 0.19       |            |
|     |       | 10:20 | 5.31       |            |
|     |       | 16:30 | 0.37       |            |
|     |       | 22:40 | 5.48       |            |
| 2   | Dom   | 5:00  | 0.26       |            |
|     |       | 11:00 | 5.25       |            |
|     |       | 17:10 | 0.47       |            |
|     |       | 23:30 | 5.41       |            |
| 3   | Seg   | 5:30  | 0.54       |            |
|     |       | 11:40 | 5.12       |            |
|     |       | 17:50 | 0.66       |            |
| 4   | Ter   | 0:10  | 5.19       |            |
|     |       | 6:10  | 0.81       |            |
|     |       | 12:20 | 4.94       |            |
|     |       | 18:30 | 0.91       |            |
| 5   | Qua   | 0:50  | 4.93       |            |
|     |       | 6:50  | 1.11       |            |
|     |       | 12:50 | 4.72       |            |
|     |       | 19:20 | 1.13       |            |
| 6   | Qui   | 1:40  | 4.68       |            |
|     |       | 7:30  | 1.4        |            |
|     |       | 13:40 | 4.57       |            |
|     |       | 20:10 | 1.38       |            |
| 7   | Sex   | 2:30  | 4.41       |            |
|     |       | 8:20  | 1.66       |            |
|     |       | 14:30 | 4.4        |            |
|     |       | 21:20 | 1.58       |            |
| 8   | Sab   | 3:40  | 4.16       |            |
|     |       | 9:30  | 1.83       |            |
|     |       | 15:40 | 4.25       |            |
|     |       | 22:40 | 1.69       |            |
| 9   | Dom   | 5:10  | 4.04       |            |
|     |       | 10:50 | 1.85       |            |
|     |       | 17:00 | 4.15       |            |
| 10  | Seg   | 0:00  | 1.58       |            |
|     |       | 6:20  | 4.22       |            |
|     |       | 12:10 | 1.67       |            |
|     |       | 18:20 | 4.27       |            |
| 11  | Ter   | 1:00  | 1.31       |            |
|     |       | 7:30  | 4.59       |            |
|     |       | 13:20 | 1.38       |            |
|     |       | 19:30 | 4.57       |            |
| 12  | Qua   | 2:00  | 0.99       |            |
|     |       | 8:20  | 4.87       |            |
|     |       | 14:10 | 1.09       |            |
|     |       | 20:20 | 4.82       |            |
| 13  | Qui   | 2:40  | 0.78       |            |
|     |       | 9:00  | 5.03       |            |
|     |       | 14:50 | 0.87       |            |
|     |       | 21:00 | 4.97       |            |
| 14  | Sex   | 3:20  | 0.65       |            |
|     |       | 9:30  | 5.06       |            |
|     |       | 15:30 | 0.71       |            |
|     |       | 21:40 | 5.07       |            |
| 15  | Sab   | 3:50  | 0.65       |            |
|     |       | 10:00 | 5.05       |            |
|     |       | 16:00 | 0.68       |            |
|     |       | 22:10 | 5.08       |            |
| 16  | Dom   | 4:20  | 0.72       |            |
|     |       | 10:30 | 5.03       |            |
|     |       | 16:40 | 0.67       |            |
|     |       | 22:50 | 5.09       |            |
| 17  | Seg   | 4:50  | 0.85       |            |
|     |       | 10:50 | 4.99       |            |
|     |       | 17:10 | 0.77       |            |
|     |       | 23:20 | 5.01       |            |
| 18  | Ter   | 5:10  | 1.05       |            |
|     |       | 11:10 | 4.9        |            |
|     |       | 17:40 | 0.93       |            |
|     |       | 23:40 | 4.82       |            |
| 19  | Qua   | 5:30  | 1.23       |            |
|     |       | 11:40 | 4.78       |            |
|     |       | 18:10 | 1.11       |            |
| 20  | Qui   | 0:10  | 4.59       |            |
|     |       | 6:00  | 1.38       |            |
|     |       | 12:10 | 4.6        |            |
|     |       | 18:40 | 1.29       |            |
| 21  | Sex   | 0:50  | 4.36       |            |
|     |       | 6:30  | 1.55       |            |
|     |       | 12:50 | 4.44       |            |
|     |       | 19:20 | 1.48       |            |
| 22  | Sab   | 1:30  | 4.12       |            |
|     |       | 7:10  | 1.73       |            |
|     |       | 13:30 | 4.25       |            |
|     |       | 20:20 | 1.67       |            |
| 23  | Dom   | 2:30  | 4.01       |            |
|     |       | 8:10  | 1.91       |            |
|     |       | 14:40 | 4.17       |            |
|     |       | 21:30 | 1.82       |            |
| 24  | Seg   | 3:50  | 4.01       |            |
|     |       | 9:30  | 2.01       |            |
|     |       | 16:00 | 4.23       |            |
|     |       | 23:00 | 1.81       |            |
| 25  | Ter   | 5:20  | 4.03       |            |
|     |       | 11:10 | 1.86       |            |
|     |       | 17:50 | 4.38       |            |
| 26  | Qua   | 0:20  | 1.48       |            |
|     |       | 6:40  | 4.32       |            |
|     |       | 12:30 | 1.44       |            |
|     |       | 18:50 | 4.67       |            |
| 27  | Qui   | 1:20  | 1.02       |            |
|     |       | 7:40  | 4.77       |            |
|     |       | 13:40 | 0.91       |            |
|     |       | 20:00 | 5.1        |            |
| 28  | Sex   | 2:20  | 0.54       |            |
|     |       | 8:30  | 5.17       |            |
|     |       | 14:40 | 0.45       |            |
|     |       | 20:50 | 5.42       |            |
| 29  | Sab   | 3:10  | 0.22       |            |
|     |       | 9:20  | 5.45       |            |
|     |       | 15:30 | 0.18       |            |
|     |       | 21:40 | 5.61       |            |
| 30  | Dom   | 3:50  | 0.14       |            |
|     |       | 10:00 | 5.51       |            |
|     |       | 16:10 | 0.14       |            |
|     |       | 22:30 | 5.65       |            |
| 31  | Seg   | 4:30  | 0.24       |            |
|     |       | 10:40 | 5.41       |            |
|     |       | 16:50 | 0.28       |            |
|     |       | 23:10 | 5.47       |            |

| Dia | Abriu | Hora  | Altura (m) | Fase Lunar |
|-----|-------|-------|------------|------------|
| 1   | Ter   | 5:10  | 0.48       |            |
|     |       | 11:10 | 5.15       |            |
|     |       | 17:40 | 0.46       |            |
|     |       | 23:50 | 5.19       |            |
| 2   | Qua   | 5:50  | 0.81       |            |
|     |       | 11:50 | 4.93       |            |
|     |       | 18:20 | 0.78       |            |
| 3   | Qui   | 0:30  | 4.87       |            |
|     |       | 6:20  | 1.22       |            |
|     |       | 12:30 | 4.7        |            |
|     |       | 19:00 | 1.13       |            |
| 4   | Sex   | 1:20  | 4.58       |            |
|     |       | 7:00  | 1.54       |            |
|     |       | 13:10 | 4.47       |            |
|     |       | 19:50 | 1.43       |            |
| 5   | Sab   | 2:10  | 4.29       |            |
|     |       | 7:50  | 1.8        |            |
|     |       | 14:00 | 4.28       |            |
|     |       | 20:50 | 1.69       |            |
| 6   | Dom   | 3:20  | 4.04       |            |
|     |       | 9:00  | 1.97       |            |
|     |       | 15:10 | 4.13       |            |
|     |       | 22:10 | 1.82       |            |
| 7   | Seg   | 4:40  | 3.93       |            |
|     |       | 10:30 | 1.96       |            |
|     |       | 16:40 | 4.02       |            |
|     |       | 23:30 | 1.76       |            |
| 8   | Ter   | 6:00  | 4.12       |            |
|     |       | 11:50 | 1.8        |            |
|     |       | 18:00 | 4.13       |            |
| 9   | Qua   | 0:30  | 1.53       |            |
|     |       | 6:50  | 4.37       |            |
|     |       | 12:50 | 1.52       |            |
|     |       | 19:00 | 4.38       |            |
| 10  | Qui   | 1:20  | 1.26       |            |
|     |       | 7:40  | 4.65       |            |
|     |       | 13:40 | 1.2        |            |
|     |       | 19:50 | 4.63       |            |
| 11  | Sex   | 2:10  | 1.0        |            |
|     |       | 8:10  | 4.78       |            |
|     |       | 14:20 | 0.93       |            |
|     |       | 20:30 | 4.82       |            |
| 12  | Sab   | 2:40  | 0.88       |            |
|     |       | 8:50  | 4.94       |            |
|     |       | 15:00 | 0.73       |            |
|     |       | 21:10 | 4.97       |            |
| 13  | Dom   | 3:10  | 0.83       |            |
|     |       | 9:20  | 5.02       |            |
|     |       | 15:30 | 0.65       |            |
|     |       | 21:40 | 5.03       |            |
| 14  | Seg   | 3:40  | 0.85       |            |
|     |       | 9:40  | 5.05       |            |
|     |       | 16:00 | 0.66       |            |
|     |       | 22:20 | 5.06       |            |
| 15  | Ter   | 4:10  | 0.93       |            |
|     |       | 10:10 | 5.05       |            |
|     |       | 16:40 | 0.7        |            |
|     |       | 22:50 | 4.98       |            |
| 16  | Qua   | 4:30  | 1.11       |            |
|     |       | 10:40 | 4.97       |            |
|     |       | 17:10 | 0.87       |            |
|     |       | 23:20 | 4.81       |            |
| 17  | Qui   | 5:00  | 1.25       |            |
|     |       | 11:10 | 4.8        |            |
|     |       | 17:40 | 1.08       |            |
|     |       | 23:50 | 4.57       |            |
| 18  | Sex   | 5:30  | 1.42       |            |
|     |       | 11:40 | 4.59       |            |
|     |       | 18:20 | 1.28       |            |
| 19  | Sab   | 0:30  | 4.33       |            |
|     |       | 6:00  | 1.59       |            |
|     |       | 12:20 | 4.37       |            |
|     |       | 19:00 | 1.49       |            |
| 20  | Dom   | 1:10  | 4.1        |            |
|     |       | 6:50  | 1.78       |            |
|     |       | 13:10 | 4.18       |            |
|     |       | 19:50 | 1.68       |            |
| 21  | Seg   | 2:10  | 4.02       |            |
|     |       | 7:50  | 1.96       |            |
|     |       | 14:20 | 4.11       |            |
|     |       | 21:00 | 1.81       |            |
| 22  | Ter   | 3:30  | 4.05       |            |
|     |       | 9:20  | 1.98       |            |
|     |       | 15:40 | 4.21       |            |
|     |       | 22:30 | 1.75       |            |
| 23  | Qua   | 4:50  | 4.16       |            |
|     |       | 11:00 | 1.71       |            |
|     |       | 17:20 | 4.43       |            |
|     |       | 23:50 | 1.42       |            |
| 24  | Qui   | 6:10  | 4.46       |            |
|     |       | 12:20 | 1.25       |            |
|     |       | 18:30 | 4.72       |            |
| 25  | Sex   | 0:50  | 1.0        |            |
|     |       | 7:10  | 4.88       |            |
|     |       | 13:20 | 0.77       |            |
|     |       | 19:40 | 5.13       |            |
| 26  | Sab   | 1:50  | 0.56       |            |
|     |       | 8:00  | 5.24       |            |
|     |       | 14:30 | 0.34       |            |
|     |       | 20:30 | 5.43       |            |
| 27  | Dom   | 2:40  | 0.28       |            |
|     |       | 8:50  | 5.47       |            |
|     |       | 15:10 | 0.09       |            |
|     |       | 21:20 | 5.59       |            |
| 28  | Seg   | 3:30  | 0.16       |            |
|     |       | 9:30  | 5.48       |            |
|     |       | 15:50 | 0.08       |            |
|     |       | 22:10 | 5.59       |            |
| 29  | Ter   | 4:10  | 0.29       |            |
|     |       | 10:10 | 5.35       |            |
|     |       | 16:40 | 0.17       |            |
|     |       | 23:00 | 5.45       |            |
| 30  | Qua   | 4:50  | 0.55       |            |
|     |       | 10:50 | 5.14       |            |
|     |       | 17:20 | 0.45       |            |
|     |       | 23:40 | 5.14       |            |

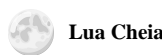
Simbologia das fases lunares:  
 Horários no padrão local (Fuso Horário UTC - 3:00)  
 Dados de nível sem Georreferenciamento



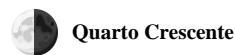
Lua Nova



Quarto Minguante



Lua Cheia

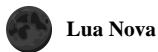


Quarto Crescente

| Dia | Maio | Hora  | Altura (m) | Fase Lunar |
|-----|------|-------|------------|------------|
| 1   | Qui  | 5:20  | 0.97       |            |
|     |      | 11:30 | 4.89       |            |
|     |      | 18:00 | 0.79       |            |
| 2   | Sex  | 0:20  | 4.8        |            |
|     |      | 6:00  | 1.31       |            |
|     |      | 12:00 | 4.6        |            |
|     |      | 18:40 | 1.15       |            |
| 3   | Sab  | 1:00  | 4.48       |            |
|     |      | 6:40  | 1.62       |            |
|     |      | 12:50 | 4.41       |            |
|     |      | 19:30 | 1.44       |            |
| 4   | Dom  | 2:00  | 4.24       |            |
|     |      | 7:40  | 1.8        |            |
|     |      | 13:40 | 4.24       |            |
|     |      | 20:30 | 1.68       |            |
| 5   | Seg  | 3:00  | 4.03       |            |
|     |      | 8:40  | 1.95       |            |
|     |      | 14:50 | 4.12       |            |
|     |      | 21:40 | 1.84       |            |
| 6   | Ter  | 4:10  | 3.94       |            |
|     |      | 10:00 | 1.95       |            |
|     |      | 16:10 | 4.02       |            |
|     |      | 22:40 | 1.87       |            |
| 7   | Qua  | 5:10  | 4.01       |            |
|     |      | 11:20 | 1.86       |            |
|     |      | 17:20 | 4.03       |            |
|     |      | 23:50 | 1.73       |            |
| 8   | Qui  | 6:00  | 4.17       |            |
|     |      | 12:20 | 1.64       |            |
|     |      | 18:20 | 4.18       |            |
| 9   | Sex  | 0:40  | 1.53       |            |
|     |      | 6:50  | 4.4        |            |
|     |      | 13:00 | 1.36       |            |
|     |      | 19:20 | 4.41       |            |
| 10  | Sab  | 1:20  | 1.33       |            |
|     |      | 7:30  | 4.6        |            |
|     |      | 13:50 | 1.08       |            |
|     |      | 20:00 | 4.61       |            |
| 11  | Dom  | 1:50  | 1.2        |            |
|     |      | 8:00  | 4.78       |            |
|     |      | 14:20 | 0.89       |            |
|     |      | 20:40 | 4.77       |            |
| 12  | Seg  | 2:30  | 1.06       |            |
|     |      | 8:30  | 4.93       |            |
|     |      | 15:00 | 0.73       |            |
|     |      | 21:10 | 4.88       |            |
| 13  | Ter  | 3:00  | 1.04       |            |
|     |      | 9:00  | 5.02       |            |
|     |      | 15:40 | 0.67       |            |
|     |      | 21:50 | 4.92       |            |
| 14  | Qua  | 3:30  | 1.09       |            |
|     |      | 9:40  | 5.04       |            |
|     |      | 16:10 | 0.75       |            |
|     |      | 22:20 | 4.86       |            |
| 15  | Qui  | 4:00  | 1.2        |            |
|     |      | 10:10 | 4.93       |            |
|     |      | 16:50 | 0.87       |            |
|     |      | 23:00 | 4.73       |            |
| 16  | Sex  | 4:40  | 1.32       |            |
|     |      | 10:50 | 4.77       |            |
|     |      | 17:20 | 1.09       |            |
|     |      | 23:40 | 4.55       |            |
| 17  | Sab  | 5:10  | 1.5        |            |
|     |      | 11:20 | 4.53       |            |
|     |      | 18:00 | 1.29       |            |
| 18  | Dom  | 0:20  | 4.35       |            |
|     |      | 5:50  | 1.66       |            |
|     |      | 12:10 | 4.35       |            |
|     |      | 18:50 | 1.46       |            |
| 19  | Seg  | 1:00  | 4.18       |            |
|     |      | 6:40  | 1.8        |            |
|     |      | 13:00 | 4.19       |            |
|     |      | 19:40 | 1.62       |            |
| 20  | Ter  | 2:00  | 4.15       |            |
|     |      | 7:50  | 1.88       |            |
|     |      | 14:10 | 4.21       |            |
|     |      | 20:50 | 1.67       |            |
| 21  | Qua  | 3:10  | 4.21       |            |
|     |      | 9:10  | 1.8        |            |
|     |      | 15:30 | 4.35       |            |
|     |      | 22:00 | 1.61       |            |
| 22  | Qui  | 4:20  | 4.34       |            |
|     |      | 10:40 | 1.53       |            |
|     |      | 16:50 | 4.5        |            |
|     |      | 23:10 | 1.4        |            |
| 23  | Sex  | 5:30  | 4.57       |            |
|     |      | 11:50 | 1.18       |            |
|     |      | 18:10 | 4.73       |            |
| 24  | Sab  | 0:20  | 1.04       |            |
|     |      | 6:30  | 4.87       |            |
|     |      | 13:00 | 0.76       |            |
|     |      | 19:10 | 5.02       |            |
| 25  | Dom  | 1:20  | 0.7        |            |
|     |      | 7:30  | 5.17       |            |
|     |      | 14:00 | 0.4        |            |
|     |      | 20:10 | 5.29       |            |
| 26  | Seg  | 2:10  | 0.49       |            |
|     |      | 8:20  | 5.34       |            |
|     |      | 14:50 | 0.18       |            |
|     |      | 21:10 | 5.49       |            |
| 27  | Ter  | 3:00  | 0.4        |            |
|     |      | 9:10  | 5.39       |            |
|     |      | 15:40 | 0.12       |            |
|     |      | 22:00 | 5.49       |            |
| 28  | Qua  | 3:50  | 0.44       |            |
|     |      | 9:50  | 5.26       |            |
|     |      | 16:20 | 0.25       |            |
|     |      | 22:40 | 5.31       |            |
| 29  | Qui  | 4:30  | 0.68       |            |
|     |      | 10:30 | 5.06       |            |
|     |      | 17:10 | 0.44       |            |
|     |      | 23:30 | 5.09       |            |
| 30  | Sex  | 5:10  | 0.97       |            |
|     |      | 11:10 | 4.83       |            |
|     |      | 17:50 | 0.74       |            |
| 31  | Sab  | 0:10  | 4.8        |            |
|     |      | 5:50  | 1.26       |            |
|     |      | 11:50 | 4.62       |            |
|     |      | 18:30 | 1.06       |            |

| Dia | Junho | Hora  | Altura (m) | Fase Lunar |
|-----|-------|-------|------------|------------|
| 1   | Dom   | 0:50  | 4.52       |            |
|     |       | 6:30  | 1.53       |            |
|     |       | 12:30 | 4.44       |            |
|     |       | 19:10 | 1.36       |            |
| 2   | Seg   | 1:40  | 4.32       |            |
|     |       | 7:20  | 1.69       |            |
|     |       | 13:20 | 4.32       |            |
|     |       | 20:00 | 1.58       |            |
| 3   | Ter   | 2:30  | 4.16       |            |
|     |       | 8:20  | 1.79       |            |
|     |       | 14:20 | 4.24       |            |
|     |       | 20:50 | 1.76       |            |
| 4   | Qua   | 3:20  | 4.08       |            |
|     |       | 9:20  | 1.84       |            |
|     |       | 15:30 | 4.14       |            |
|     |       | 21:50 | 1.86       |            |
| 5   | Qui   | 4:10  | 4.07       |            |
|     |       | 10:30 | 1.83       |            |
|     |       | 16:30 | 4.08       |            |
|     |       | 22:40 | 1.88       |            |
| 6   | Sex   | 5:00  | 4.14       |            |
|     |       | 11:20 | 1.72       |            |
|     |       | 17:30 | 4.08       |            |
|     |       | 23:30 | 1.81       |            |
| 7   | Sab   | 5:50  | 4.27       |            |
|     |       | 12:20 | 1.54       |            |
|     |       | 18:30 | 4.17       |            |
| 8   | Dom   | 0:20  | 1.66       |            |
|     |       | 6:30  | 4.47       |            |
|     |       | 13:00 | 1.33       |            |
|     |       | 19:20 | 4.33       |            |
| 9   | Seg   | 1:00  | 1.51       |            |
|     |       | 7:10  | 4.67       |            |
|     |       | 13:50 | 1.1        |            |
|     |       | 20:00 | 4.52       |            |
| 10  | Ter   | 1:40  | 1.37       |            |
|     |       | 7:50  | 4.84       |            |
|     |       | 14:30 | 0.92       |            |
|     |       | 20:40 | 4.67       |            |
| 11  | Qua   | 2:20  | 1.26       |            |
|     |       | 8:30  | 4.94       |            |
|     |       | 15:10 | 0.82       |            |
|     |       | 21:30 | 4.76       |            |
| 12  | Qui   | 3:00  | 1.23       |            |
|     |       | 9:10  | 4.95       |            |
|     |       | 15:50 | 0.8        |            |
|     |       | 22:10 | 4.78       |            |
| 13  | Sex   | 3:50  | 1.22       |            |
|     |       | 10:00 | 4.92       |            |
|     |       | 16:30 | 0.88       |            |
|     |       | 22:50 | 4.72       |            |
| 14  | Sab   | 4:30  | 1.32       |            |
|     |       | 10:40 | 4.79       |            |
|     |       | 17:10 | 1.02       |            |
|     |       | 23:30 | 4.6        |            |
| 15  | Dom   | 5:10  | 1.45       |            |
|     |       | 11:20 | 4.61       |            |
|     |       | 18:00 | 1.14       |            |
|     |       | 0:10  | 4.48       |            |
| 16  | Seg   | 5:50  | 1.58       |            |
|     |       | 12:10 | 4.5        |            |
|     |       | 18:40 | 1.31       |            |
| 17  | Ter   | 0:50  | 4.38       |            |
|     |       | 6:50  | 1.62       |            |
|     |       | 13:00 | 4.42       |            |
|     |       | 19:30 | 1.42       |            |
| 18  | Qua   | 1:40  | 4.36       |            |
|     |       | 7:50  | 1.62       |            |
|     |       | 14:00 | 4.43       |            |
|     |       | 20:20 | 1.5        |            |
| 19  | Qui   | 2:40  | 4.41       |            |
|     |       | 9:00  | 1.54       |            |
|     |       | 15:10 | 4.5        |            |
|     |       | 21:30 | 1.48       |            |
| 20  | Sex   | 3:50  | 4.51       |            |
|     |       | 10:10 | 1.41       |            |
|     |       | 16:30 | 4.55       |            |
|     |       | 22:40 | 1.38       |            |
| 21  | Sab   | 4:50  | 4.62       |            |
|     |       | 11:20 | 1.21       |            |
|     |       | 17:40 | 4.62       |            |
|     |       | 23:40 | 1.23       |            |
| 22  | Dom   | 6:00  | 4.79       |            |
|     |       | 12:30 | 0.92       |            |
|     |       | 18:50 | 4.82       |            |
| 23  | Seg   | 0:50  | 0.95       |            |
|     |       | 7:00  | 4.97       |            |
|     |       | 13:30 | 0.64       |            |
|     |       | 19:50 | 5.05       |            |
| 24  | Ter   | 1:50  | 0.73       |            |
|     |       | 7:50  | 5.08       |            |
|     |       | 14:30 | 0.4        |            |
|     |       | 20:50 | 5.25       |            |
| 25  | Qua   | 2:40  | 0.63       |            |
|     |       | 8:50  | 5.21       |            |
|     |       | 15:20 | 0.29       |            |
|     |       | 21:40 | 5.31       |            |
| 26  | Qui   | 3:30  | 0.62       |            |
|     |       | 9:30  | 5.13       |            |
|     |       | 16:10 | 0.3        |            |
|     |       | 22:30 | 5.27       |            |
| 27  | Sex   | 4:20  | 0.69       |            |
|     |       | 10:20 | 5.07       |            |
|     |       | 16:50 | 0.46       |            |
|     |       | 23:10 | 5.08       |            |
| 28  | Sab   | 5:00  | 0.88       |            |
|     |       | 11:00 | 4.91       |            |
|     |       | 17:30 | 0.69       |            |
|     |       | 23:50 | 4.87       |            |
| 29  | Dom   | 5:40  | 1.09       |            |
|     |       | 11:40 | 4.76       |            |
|     |       | 18:10 | 0.94       |            |
| 30  | Seg   | 0:30  | 4.66       |            |
|     |       | 6:20  | 1.28       |            |
|     |       | 12:20 | 4.63       |            |
|     |       | 18:50 | 1.19       |            |

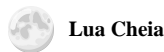
Simbologia das fases lunares:  
 Horários no padrão local (Fuso Horário UTC - 3:00)  
 Dados de nível sem Georreferenciamento



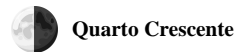
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

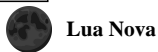
| Dia | Julho | Hora  | Altura (m) | Fase Lunar |
|-----|-------|-------|------------|------------|
| 1   | Ter   | 1:10  | 4.49       |            |
|     |       | 7:00  | 1.45       |            |
|     |       | 13:00 | 4.51       |            |
|     |       | 19:30 | 1.42       |            |
| 2   | Qua   | 1:40  | 4.37       |            |
|     |       | 7:40  | 1.59       |            |
|     |       | 13:50 | 4.42       |            |
|     |       | 20:00 | 1.63       |            |
| 3   | Qui   | 2:20  | 4.32       |            |
|     |       | 8:30  | 1.66       |            |
|     |       | 14:40 | 4.33       |            |
|     |       | 20:40 | 1.77       |            |
| 4   | Sex   | 3:00  | 4.31       |            |
|     |       | 9:30  | 1.72       |            |
|     |       | 15:30 | 4.24       |            |
|     |       | 21:30 | 1.86       |            |
| 5   | Sab   | 3:50  | 4.32       |            |
|     |       | 10:20 | 1.74       |            |
|     |       | 16:30 | 4.15       |            |
|     |       | 22:20 | 1.89       |            |
| 6   | Dom   | 4:40  | 4.38       |            |
|     |       | 11:20 | 1.69       |            |
|     |       | 17:30 | 4.1        |            |
|     |       | 23:10 | 1.86       |            |
| 7   | Seg   | 5:30  | 4.46       |            |
|     |       | 12:20 | 1.56       |            |
|     |       | 18:30 | 4.14       |            |
| 8   | Ter   | 0:10  | 1.74       |            |
|     |       | 6:20  | 4.58       |            |
|     |       | 13:10 | 1.37       |            |
|     |       | 19:30 | 4.27       |            |
| 9   | Qua   | 1:00  | 1.59       |            |
|     |       | 7:20  | 4.7        |            |
|     |       | 14:00 | 1.14       |            |
|     |       | 20:20 | 4.48       |            |
| 10  | Qui   | 2:00  | 1.38       |            |
|     |       | 8:10  | 4.83       |            |
|     |       | 14:50 | 0.92       |            |
|     |       | 21:10 | 4.67       |            |
| 11  | Sex   | 2:50  | 1.22       |            |
|     |       | 9:00  | 4.92       |            |
|     |       | 15:40 | 0.75       |            |
|     |       | 21:50 | 4.78       |            |
| 12  | Sab   | 3:40  | 1.12       |            |
|     |       | 9:50  | 4.98       |            |
|     |       | 16:20 | 0.74       |            |
|     |       | 22:40 | 4.85       |            |
| 13  | Dom   | 4:30  | 1.15       |            |
|     |       | 10:30 | 4.92       |            |
|     |       | 17:10 | 0.73       |            |
|     |       | 23:20 | 4.81       |            |
| 14  | Seg   | 5:10  | 1.15       |            |
|     |       | 11:20 | 4.88       |            |
|     |       | 17:50 | 0.87       |            |
|     |       | 0:00  | 4.74       |            |
| 15  | Ter   | 5:50  | 1.26       |            |
|     |       | 12:00 | 4.75       |            |
|     |       | 18:30 | 1.03       |            |
| 16  | Qua   | 0:40  | 4.66       |            |
|     |       | 6:40  | 1.31       |            |
|     |       | 12:50 | 4.68       |            |
|     |       | 19:10 | 1.2        |            |
| 17  | Qui   | 1:20  | 4.59       |            |
|     |       | 7:30  | 1.36       |            |
|     |       | 13:40 | 4.61       |            |
|     |       | 20:00 | 1.32       |            |
| 18  | Sex   | 2:10  | 4.58       |            |
|     |       | 8:30  | 1.38       |            |
|     |       | 14:50 | 4.59       |            |
|     |       | 20:50 | 1.44       |            |
| 19  | Sab   | 3:10  | 4.58       |            |
|     |       | 9:40  | 1.38       |            |
|     |       | 16:00 | 4.5        |            |
|     |       | 22:00 | 1.48       |            |
| 20  | Dom   | 4:20  | 4.58       |            |
|     |       | 10:50 | 1.34       |            |
|     |       | 17:10 | 4.44       |            |
|     |       | 23:10 | 1.43       |            |
| 21  | Seg   | 5:20  | 4.59       |            |
|     |       | 12:10 | 1.16       |            |
|     |       | 18:30 | 4.55       |            |
| 22  | Ter   | 0:20  | 1.26       |            |
|     |       | 6:30  | 4.69       |            |
|     |       | 13:10 | 0.92       |            |
|     |       | 19:40 | 4.84       |            |
| 23  | Qua   | 1:20  | 1.06       |            |
|     |       | 7:40  | 4.9        |            |
|     |       | 14:10 | 0.64       |            |
|     |       | 20:40 | 5.11       |            |
| 24  | Qui   | 2:20  | 0.84       |            |
|     |       | 8:30  | 5.03       |            |
|     |       | 15:10 | 0.42       |            |
|     |       | 21:30 | 5.26       |            |
| 25  | Sex   | 3:20  | 0.69       |            |
|     |       | 9:20  | 5.12       |            |
|     |       | 16:00 | 0.34       |            |
|     |       | 22:10 | 5.26       |            |
| 26  | Sab   | 4:00  | 0.69       |            |
|     |       | 10:10 | 5.16       |            |
|     |       | 16:40 | 0.4        |            |
|     |       | 22:50 | 5.16       |            |
| 27  | Dom   | 4:40  | 0.76       |            |
|     |       | 10:50 | 5.08       |            |
|     |       | 17:10 | 0.59       |            |
|     |       | 23:30 | 5.01       |            |
| 28  | Seg   | 5:20  | 0.88       |            |
|     |       | 11:30 | 4.97       |            |
|     |       | 17:50 | 0.78       |            |
| 29  | Ter   | 0:00  | 4.82       |            |
|     |       | 6:00  | 1.02       |            |
|     |       | 12:00 | 4.83       |            |
|     |       | 18:20 | 1.04       |            |
| 30  | Qua   | 0:30  | 4.68       |            |
|     |       | 6:30  | 1.2        |            |
|     |       | 12:40 | 4.73       |            |
|     |       | 18:50 | 1.28       |            |
| 31  | Qui   | 0:50  | 4.58       |            |
|     |       | 7:10  | 1.34       |            |
|     |       | 13:10 | 4.58       |            |
|     |       | 19:10 | 1.5        |            |

| Dia | Agosto | Hora  | Altura (m) | Fase Lunar |
|-----|--------|-------|------------|------------|
| 1   | Sex    | 1:20  | 4.5        |            |
|     |        | 7:40  | 1.49       |            |
|     |        | 13:50 | 4.44       |            |
|     |        | 19:40 | 1.66       |            |
| 2   | Sab    | 2:00  | 4.44       |            |
|     |        | 8:30  | 1.59       |            |
|     |        | 14:30 | 4.28       |            |
|     |        | 20:20 | 1.79       |            |
| 3   | Dom    | 2:40  | 4.38       |            |
|     |        | 9:20  | 1.69       |            |
|     |        | 15:30 | 4.18       |            |
|     |        | 21:10 | 1.89       |            |
| 4   | Seg    | 3:30  | 4.36       |            |
|     |        | 10:20 | 1.77       |            |
|     |        | 16:30 | 4.09       |            |
|     |        | 22:10 | 1.94       |            |
| 5   | Ter    | 4:40  | 4.4        |            |
|     |        | 11:30 | 1.76       |            |
|     |        | 17:50 | 4.0        |            |
|     |        | 23:20 | 1.91       |            |
| 6   | Qua    | 5:40  | 4.45       |            |
|     |        | 12:40 | 1.58       |            |
|     |        | 19:00 | 4.11       |            |
| 7   | Qui    | 0:30  | 1.74       |            |
|     |        | 6:50  | 4.56       |            |
|     |        | 13:40 | 1.27       |            |
|     |        | 20:00 | 4.39       |            |
| 8   | Sex    | 1:40  | 1.42       |            |
|     |        | 7:50  | 4.75       |            |
|     |        | 14:30 | 0.95       |            |
|     |        | 20:50 | 4.7        |            |
| 9   | Sab    | 2:40  | 1.08       |            |
|     |        | 8:50  | 4.99       |            |
|     |        | 15:20 | 0.67       |            |
|     |        | 21:40 | 4.96       |            |
| 10  | Dom    | 3:30  | 0.86       |            |
|     |        | 9:40  | 5.16       |            |
|     |        | 16:10 | 0.48       |            |
|     |        | 22:20 | 5.07       |            |
| 11  | Seg    | 4:20  | 0.72       |            |
|     |        | 10:30 | 5.24       |            |
|     |        | 16:50 | 0.5        |            |
|     |        | 23:00 | 5.08       |            |
| 12  | Ter    | 5:00  | 0.76       |            |
|     |        | 11:10 | 5.17       |            |
|     |        | 17:30 | 0.62       |            |
|     |        | 23:40 | 5.01       |            |
| 13  | Qua    | 5:40  | 0.88       |            |
|     |        | 12:00 | 5.1        |            |
|     |        | 18:10 | 0.82       |            |
| 14  | Qui    | 0:20  | 4.9        |            |
|     |        | 6:30  | 0.97       |            |
|     |        | 12:40 | 4.92       |            |
|     |        | 18:50 | 1.04       |            |
| 15  | Sex    | 0:50  | 4.74       |            |
|     |        | 7:10  | 1.16       |            |
|     |        | 13:30 | 4.76       |            |
|     |        | 19:30 | 1.27       |            |
| 16  | Sab    | 1:40  | 4.65       |            |
|     |        | 8:10  | 1.28       |            |
|     |        | 14:20 | 4.57       |            |
|     |        | 20:20 | 1.48       |            |
| 17  | Dom    | 2:30  | 4.55       |            |
|     |        | 9:10  | 1.43       |            |
|     |        | 15:30 | 4.38       |            |
|     |        | 21:20 | 1.65       |            |
| 18  | Seg    | 3:40  | 4.45       |            |
|     |        | 10:20 | 1.53       |            |
|     |        | 16:50 | 4.22       |            |
|     |        | 22:40 | 1.67       |            |
| 19  | Ter    | 4:50  | 4.37       |            |
|     |        | 11:40 | 1.44       |            |
|     |        | 18:10 | 4.32       |            |
| 20  | Qua    | 0:00  | 1.51       |            |
|     |        | 6:10  | 4.44       |            |
|     |        | 13:00 | 1.15       |            |
|     |        | 19:20 | 4.64       |            |
| 21  | Qui    | 1:10  | 1.24       |            |
|     |        | 7:20  | 4.69       |            |
|     |        | 14:00 | 0.82       |            |
|     |        | 20:20 | 4.99       |            |
| 22  | Sex    | 2:10  | 0.95       |            |
|     |        | 8:20  | 4.97       |            |
|     |        | 14:50 | 0.56       |            |
|     |        | 21:10 | 5.22       |            |
| 23  | Sab    | 3:00  | 0.74       |            |
|     |        | 9:10  | 5.15       |            |
|     |        | 15:40 | 0.41       |            |
|     |        | 21:50 | 5.29       |            |
| 24  | Dom    | 3:40  | 0.63       |            |
|     |        | 9:50  | 5.2        |            |
|     |        | 16:10 | 0.43       |            |
|     |        | 22:20 | 5.19       |            |
| 25  | Seg    | 4:20  | 0.61       |            |
|     |        | 10:30 | 5.18       |            |
|     |        | 16:50 | 0.52       |            |
|     |        | 22:50 | 5.06       |            |
| 26  | Ter    | 5:00  | 0.66       |            |
|     |        | 11:00 | 5.08       |            |
|     |        | 17:10 | 0.77       |            |
|     |        | 23:20 | 4.94       |            |
| 27  | Qua    | 5:30  | 0.81       |            |
|     |        | 11:40 | 4.99       |            |
|     |        | 17:40 | 0.99       |            |
|     |        | 23:40 | 4.83       |            |
| 28  | Qui    | 6:00  | 0.98       |            |
|     |        | 12:10 | 4.86       |            |
|     |        | 18:00 | 1.23       |            |
| 29  | Sex    | 0:10  | 4.74       |            |
|     |        | 6:30  | 1.16       |            |
|     |        | 12:40 | 4.68       |            |
|     |        | 18:30 | 1.4        |            |
| 30  | Sab    | 0:40  | 4.62       |            |
|     |        | 7:00  | 1.34       |            |
|     |        | 13:10 | 4.45       |            |
|     |        | 18:50 | 1.58       |            |
| 31  | Dom    | 1:10  | 4.46       |            |
|     |        | 7:40  | 1.5        |            |
|     |        | 13:50 | 4.23       |            |
|     |        | 19:30 | 1.75       |            |

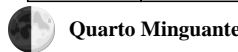
Simbologia das fases lunares:

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

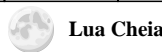
Dados de nível sem Georreferenciamento



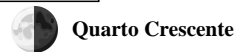
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente

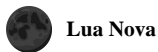
| Dia | Setembro | Hora  | Altura (m) | Fase Lunar |
|-----|----------|-------|------------|------------|
| 1   | Seg      | 1:50  | 4.31       |            |
|     |          | 8:30  | 1.67       |            |
|     |          | 14:40 | 4.07       |            |
|     |          | 20:10 | 1.92       |            |
| 2   | Ter      | 2:40  | 4.21       |            |
|     |          | 9:30  | 1.81       |            |
|     |          | 15:50 | 4.01       |            |
|     |          | 21:20 | 2.02       |            |
| 3   | Qua      | 3:50  | 4.23       |            |
|     |          | 10:50 | 1.88       |            |
|     |          | 17:10 | 3.95       |            |
|     |          | 22:50 | 2.0        |            |
| 4   | Qui      | 5:10  | 4.31       |            |
|     |          | 12:10 | 1.7        |            |
|     |          | 18:30 | 4.07       |            |
|     |          | 0:10  | 1.76       |            |
|     |          | 6:30  | 4.48       |            |
|     |          | 13:20 | 1.29       |            |
|     |          | 19:30 | 4.42       |            |
| 6   | Sab      | 1:30  | 1.28       |            |
|     |          | 7:40  | 4.79       |            |
|     |          | 14:10 | 0.88       |            |
|     |          | 20:30 | 4.85       |            |
| 7   | Dom      | 2:30  | 0.84       |            |
|     |          | 8:40  | 5.14       |            |
|     |          | 15:00 | 0.52       |            |
|     |          | 21:10 | 5.12       |            |
| 8   | Seg      | 3:20  | 0.52       |            |
|     |          | 9:30  | 5.38       |            |
|     |          | 15:50 | 0.29       |            |
|     |          | 22:00 | 5.33       |            |
| 9   | Ter      | 4:00  | 0.42       |            |
|     |          | 10:20 | 5.5        |            |
|     |          | 16:30 | 0.3        |            |
|     |          | 22:40 | 5.33       |            |
| 10  | Qua      | 4:50  | 0.38       |            |
|     |          | 11:00 | 5.42       |            |
|     |          | 17:10 | 0.45       |            |
|     |          | 23:10 | 5.16       |            |
| 11  | Qui      | 5:30  | 0.55       |            |
|     |          | 11:40 | 5.23       |            |
|     |          | 17:40 | 0.78       |            |
|     |          | 23:50 | 5.0        |            |
| 12  | Sex      | 6:10  | 0.79       |            |
|     |          | 12:20 | 4.97       |            |
|     |          | 18:20 | 1.06       |            |
| 13  | Sab      | 0:30  | 4.81       |            |
|     |          | 6:50  | 1.06       |            |
|     |          | 13:10 | 4.73       |            |
|     |          | 19:00 | 1.34       |            |
| 14  | Dom      | 1:10  | 4.62       |            |
|     |          | 7:40  | 1.31       |            |
|     |          | 14:00 | 4.47       |            |
|     |          | 19:50 | 1.6        |            |
| 15  | Seg      | 2:00  | 4.44       |            |
|     |          | 8:40  | 1.54       |            |
|     |          | 15:10 | 4.23       |            |
|     |          | 20:50 | 1.81       |            |
| 16  | Ter      | 3:10  | 4.29       |            |
|     |          | 10:00 | 1.68       |            |
|     |          | 16:30 | 4.06       |            |
|     |          | 22:20 | 1.83       |            |
| 17  | Qua      | 4:30  | 4.18       |            |
|     |          | 11:20 | 1.63       |            |
|     |          | 17:50 | 4.18       |            |
|     |          | 23:40 | 1.68       |            |
| 18  | Qui      | 5:50  | 4.26       |            |
|     |          | 12:40 | 1.34       |            |
|     |          | 19:00 | 4.54       |            |
| 19  | Sex      | 0:50  | 1.38       |            |
|     |          | 7:00  | 4.54       |            |
|     |          | 13:40 | 0.99       |            |
|     |          | 19:50 | 4.85       |            |
| 20  | Sab      | 1:50  | 1.05       |            |
|     |          | 8:00  | 4.86       |            |
|     |          | 14:20 | 0.74       |            |
|     |          | 20:40 | 5.11       |            |
| 21  | Dom      | 2:40  | 0.77       |            |
|     |          | 8:50  | 5.09       |            |
|     |          | 15:10 | 0.55       |            |
|     |          | 21:10 | 5.15       |            |
| 22  | Seg      | 3:20  | 0.6        |            |
|     |          | 9:30  | 5.18       |            |
|     |          | 15:40 | 0.54       |            |
|     |          | 21:50 | 5.18       |            |
| 23  | Ter      | 3:50  | 0.55       |            |
|     |          | 10:00 | 5.15       |            |
|     |          | 16:10 | 0.63       |            |
|     |          | 22:10 | 5.07       |            |
| 24  | Qua      | 4:30  | 0.56       |            |
|     |          | 10:40 | 5.12       |            |
|     |          | 16:40 | 0.78       |            |
|     |          | 22:40 | 5.02       |            |
| 25  | Qui      | 5:00  | 0.68       |            |
|     |          | 11:10 | 5.02       |            |
|     |          | 17:00 | 1.02       |            |
|     |          | 23:00 | 4.93       |            |
| 26  | Sex      | 5:20  | 0.9        |            |
|     |          | 11:40 | 4.88       |            |
|     |          | 17:20 | 1.23       |            |
|     |          | 23:20 | 4.82       |            |
| 27  | Sab      | 5:50  | 1.08       |            |
|     |          | 12:00 | 4.65       |            |
|     |          | 17:50 | 1.39       |            |
|     |          | 23:50 | 4.61       |            |
| 28  | Dom      | 6:30  | 1.26       |            |
|     |          | 12:40 | 4.42       |            |
|     |          | 18:10 | 1.57       |            |
| 29  | Seg      | 0:30  | 4.44       |            |
|     |          | 7:00  | 1.47       |            |
|     |          | 13:10 | 4.13       |            |
|     |          | 18:50 | 1.75       |            |
| 30  | Ter      | 1:10  | 4.24       |            |
|     |          | 7:50  | 1.66       |            |
|     |          | 14:00 | 3.96       |            |
|     |          | 19:40 | 1.94       |            |

| Dia | Outubro | Hora  | Altura (m) | Fase Lunar |
|-----|---------|-------|------------|------------|
| 1   | Qua     | 2:00  | 4.07       |            |
|     |         | 8:50  | 1.83       |            |
|     |         | 15:10 | 3.95       |            |
|     |         | 20:50 | 2.06       |            |
| 2   | Qui     | 3:20  | 4.11       |            |
|     |         | 10:20 | 1.9        |            |
|     |         | 16:40 | 3.99       |            |
|     |         | 22:30 | 1.99       |            |
| 3   | Sex     | 4:50  | 4.27       |            |
|     |         | 11:40 | 1.7        |            |
|     |         | 18:00 | 4.16       |            |
|     |         | 0:00  | 1.63       |            |
|     |         | 6:20  | 4.51       |            |
|     |         | 12:50 | 1.27       |            |
|     |         | 19:00 | 4.55       |            |
| 5   | Dom     | 1:10  | 1.13       |            |
|     |         | 7:30  | 4.89       |            |
|     |         | 13:50 | 0.79       |            |
|     |         | 20:00 | 4.99       |            |
| 6   | Seg     | 2:10  | 0.65       |            |
|     |         | 8:20  | 5.24       |            |
|     |         | 14:40 | 0.42       |            |
|     |         | 20:50 | 5.32       |            |
| 7   | Ter     | 3:00  | 0.32       |            |
|     |         | 9:20  | 5.54       |            |
|     |         | 15:20 | 0.27       |            |
|     |         | 21:30 | 5.44       |            |
| 8   | Qua     | 3:50  | 0.14       |            |
|     |         | 10:00 | 5.58       |            |
|     |         | 16:10 | 0.22       |            |
|     |         | 22:10 | 5.4        |            |
| 9   | Qui     | 4:30  | 0.21       |            |
|     |         | 10:50 | 5.51       |            |
|     |         | 16:40 | 0.5        |            |
|     |         | 22:50 | 5.25       |            |
| 10  | Sex     | 5:10  | 0.43       |            |
|     |         | 11:30 | 5.27       |            |
|     |         | 17:20 | 0.79       |            |
|     |         | 23:30 | 5.02       |            |
| 11  | Sab     | 5:50  | 0.73       |            |
|     |         | 12:10 | 4.96       |            |
|     |         | 18:00 | 1.12       |            |
|     |         | 0:00  | 4.74       |            |
| 12  | Dom     | 6:40  | 1.01       |            |
|     |         | 12:50 | 4.64       |            |
|     |         | 18:40 | 1.44       |            |
|     |         | 0:40  | 4.51       |            |
|     |         | 7:20  | 1.35       |            |
|     |         | 13:50 | 4.38       |            |
|     |         | 19:30 | 1.7        |            |
| 14  | Ter     | 1:40  | 4.34       |            |
|     |         | 8:20  | 1.6        |            |
|     |         | 14:50 | 4.14       |            |
|     |         | 20:30 | 1.9        |            |
| 15  | Qua     | 2:40  | 4.19       |            |
|     |         | 9:40  | 1.74       |            |
|     |         | 16:10 | 4.01       |            |
|     |         | 22:00 | 1.89       |            |
| 16  | Qui     | 4:10  | 4.1        |            |
|     |         | 11:00 | 1.72       |            |
|     |         | 17:20 | 4.11       |            |
|     |         | 23:20 | 1.76       |            |
| 17  | Sex     | 5:30  | 4.16       |            |
|     |         | 12:10 | 1.51       |            |
|     |         | 18:30 | 4.42       |            |
| 18  | Sab     | 0:30  | 1.49       |            |
|     |         | 6:40  | 4.41       |            |
|     |         | 13:00 | 1.24       |            |
|     |         | 19:20 | 4.7        |            |
| 19  | Dom     | 1:20  | 1.17       |            |
|     |         | 7:40  | 4.71       |            |
|     |         | 13:50 | 0.99       |            |
|     |         | 20:00 | 4.89       |            |
| 20  | Seg     | 2:10  | 0.89       |            |
|     |         | 8:20  | 4.88       |            |
|     |         | 14:30 | 0.83       |            |
|     |         | 20:30 | 4.95       |            |
| 21  | Ter     | 2:50  | 0.69       |            |
|     |         | 9:00  | 4.99       |            |
|     |         | 15:00 | 0.79       |            |
|     |         | 21:00 | 5.0        |            |
| 22  | Qua     | 3:20  | 0.61       |            |
|     |         | 9:30  | 5.01       |            |
|     |         | 15:30 | 0.83       |            |
|     |         | 21:30 | 5.03       |            |
| 23  | Qui     | 3:50  | 0.63       |            |
|     |         | 10:10 | 5.02       |            |
|     |         | 16:00 | 0.93       |            |
|     |         | 22:00 | 5.03       |            |
| 24  | Sex     | 4:30  | 0.68       |            |
|     |         | 10:40 | 4.94       |            |
|     |         | 16:20 | 1.12       |            |
|     |         | 22:30 | 4.97       |            |
| 25  | Sab     | 5:00  | 0.84       |            |
|     |         | 11:10 | 4.81       |            |
|     |         | 16:50 | 1.27       |            |
|     |         | 22:50 | 4.8        |            |
| 26  | Dom     | 5:30  | 1.04       |            |
|     |         | 11:40 | 4.6        |            |
|     |         | 17:20 | 1.44       |            |
|     |         | 23:20 | 4.59       |            |
| 27  | Seg     | 6:00  | 1.26       |            |
|     |         | 12:10 | 4.35       |            |
|     |         | 17:50 | 1.61       |            |
| 28  | Ter     | 0:00  | 4.38       |            |
|     |         | 6:40  | 1.46       |            |
|     |         | 12:50 | 4.13       |            |
|     |         | 18:30 | 1.78       |            |
| 29  | Qua     | 0:40  | 4.16       |            |
|     |         | 7:30  | 1.65       |            |
|     |         | 13:40 | 4.0        |            |
|     |         | 19:20 | 1.95       |            |
| 30  | Qui     | 1:40  | 4.02       |            |
|     |         | 8:30  | 1.79       |            |
|     |         | 14:50 | 4.03       |            |
|     |         | 20:40 | 2.01       |            |
| 31  | Sex     | 3:00  | 4.12       |            |
|     |         | 9:50  | 1.8        |            |
|     |         | 16:10 | 4.13       |            |
|     |         | 22:20 | 1.83       |            |

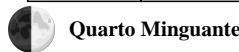
Simbologia das fases lunares:

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

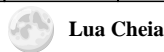
Dados de nível sem Georreferenciamento



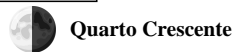
Lua Nova



Quarto Minguante



Lua Cheia

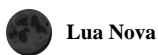


Quarto Crescente

| Dia | Novembro | Hora  | Altura (m) | Fase Lunar |
|-----|----------|-------|------------|------------|
| 1   | Sab      | 4:30  | 4.34       |            |
|     |          | 11:10 | 1.61       |            |
|     |          | 17:30 | 4.34       |            |
|     |          | 23:40 | 1.47       |            |
| 2   | Dom      | 6:00  | 4.57       |            |
|     |          | 12:20 | 1.22       |            |
|     |          | 18:30 | 4.68       |            |
| 3   | Seg      | 0:50  | 1.0        |            |
|     |          | 7:00  | 4.89       |            |
|     |          | 13:20 | 0.8        |            |
|     |          | 19:30 | 5.06       |            |
| 4   | Ter      | 1:50  | 0.56       |            |
|     |          | 8:00  | 5.23       |            |
|     |          | 14:10 | 0.48       |            |
|     |          | 20:20 | 5.33       |            |
| 5   | Qua      | 2:40  | 0.26       |            |
|     |          | 9:00  | 5.49       |            |
|     |          | 15:00 | 0.3        |            |
|     |          | 21:00 | 5.4        |            |
| 6   | Qui      | 3:30  | 0.11       |            |
|     |          | 9:50  | 5.56       |            |
|     |          | 15:40 | 0.36       |            |
|     |          | 21:50 | 5.4        |            |
| 7   | Sex      | 4:10  | 0.2        |            |
|     |          | 10:30 | 5.42       |            |
|     |          | 16:20 | 0.57       |            |
|     |          | 22:30 | 5.22       |            |
| 8   | Sab      | 5:00  | 0.36       |            |
|     |          | 11:20 | 5.22       |            |
|     |          | 17:00 | 0.87       |            |
|     |          | 23:10 | 4.97       |            |
| 9   | Dom      | 5:40  | 0.67       |            |
|     |          | 12:00 | 4.91       |            |
|     |          | 17:40 | 1.2        |            |
|     |          | 23:50 | 4.72       |            |
| 10  | Seg      | 6:20  | 1.02       |            |
|     |          | 12:50 | 4.62       |            |
|     |          | 18:30 | 1.45       |            |
|     |          | 0:30  | 4.49       |            |
| 11  | Ter      | 7:10  | 1.3        |            |
|     |          | 13:40 | 4.37       |            |
|     |          | 19:20 | 1.68       |            |
| 12  | Qua      | 8:10  | 4.32       |            |
|     |          | 8:10  | 1.52       |            |
|     |          | 14:30 | 4.17       |            |
|     |          | 20:20 | 1.81       |            |
| 13  | Qui      | 2:30  | 4.22       |            |
|     |          | 9:10  | 1.7        |            |
|     |          | 15:40 | 4.07       |            |
|     |          | 21:30 | 1.84       |            |
| 14  | Sex      | 3:40  | 4.13       |            |
|     |          | 10:20 | 1.75       |            |
|     |          | 16:40 | 4.09       |            |
|     |          | 22:50 | 1.77       |            |
| 15  | Sab      | 5:00  | 4.11       |            |
|     |          | 11:20 | 1.69       |            |
|     |          | 17:40 | 4.24       |            |
|     |          | 23:50 | 1.6        |            |
| 16  | Dom      | 6:00  | 4.22       |            |
|     |          | 12:10 | 1.55       |            |
|     |          | 18:30 | 4.42       |            |
| 17  | Seg      | 0:50  | 1.35       |            |
|     |          | 7:00  | 4.4        |            |
|     |          | 13:00 | 1.36       |            |
|     |          | 19:10 | 4.58       |            |
| 18  | Ter      | 1:30  | 1.11       |            |
|     |          | 7:50  | 4.58       |            |
|     |          | 13:40 | 1.22       |            |
|     |          | 19:40 | 4.7        |            |
| 19  | Qua      | 2:10  | 0.92       |            |
|     |          | 8:30  | 4.71       |            |
|     |          | 14:10 | 1.17       |            |
|     |          | 20:20 | 4.85       |            |
| 20  | Qui      | 2:50  | 0.79       |            |
|     |          | 9:00  | 4.78       |            |
|     |          | 14:50 | 1.1        |            |
|     |          | 20:50 | 4.94       |            |
| 21  | Sex      | 3:20  | 0.76       |            |
|     |          | 9:40  | 4.83       |            |
|     |          | 15:20 | 1.14       |            |
|     |          | 21:20 | 4.96       |            |
| 22  | Sab      | 4:00  | 0.77       |            |
|     |          | 10:10 | 4.8        |            |
|     |          | 15:50 | 1.23       |            |
|     |          | 22:00 | 4.92       |            |
| 23  | Dom      | 4:30  | 0.9        |            |
|     |          | 10:50 | 4.72       |            |
|     |          | 16:20 | 1.36       |            |
|     |          | 22:30 | 4.77       |            |
| 24  | Seg      | 5:10  | 1.05       |            |
|     |          | 11:20 | 4.56       |            |
|     |          | 17:00 | 1.49       |            |
|     |          | 23:10 | 4.59       |            |
| 25  | Ter      | 5:50  | 1.23       |            |
|     |          | 12:00 | 4.39       |            |
|     |          | 17:40 | 1.63       |            |
|     |          | 23:50 | 4.38       |            |
| 26  | Qua      | 6:30  | 1.41       |            |
|     |          | 12:40 | 4.24       |            |
|     |          | 18:20 | 1.77       |            |
|     |          | 0:40  | 4.24       |            |
| 27  | Qui      | 7:10  | 1.56       |            |
|     |          | 7:10  | 1.56       |            |
|     |          | 13:30 | 4.18       |            |
|     |          | 19:20 | 1.84       |            |
| 28  | Sex      | 1:40  | 4.2        |            |
|     |          | 8:10  | 1.65       |            |
|     |          | 14:30 | 4.22       |            |
|     |          | 20:30 | 1.82       |            |
| 29  | Sab      | 2:50  | 4.3        |            |
|     |          | 9:20  | 1.64       |            |
|     |          | 15:40 | 4.34       |            |
|     |          | 22:00 | 1.62       |            |
| 30  | Dom      | 4:10  | 4.45       |            |
|     |          | 10:30 | 1.52       |            |
|     |          | 16:50 | 4.5        |            |
|     |          | 23:10 | 1.37       |            |

| Dia | Dezembro | Hora  | Altura (m) | Fase Lunar |
|-----|----------|-------|------------|------------|
| 1   | Seg      | 5:30  | 4.59       |            |
|     |          | 11:40 | 1.27       |            |
|     |          | 18:00 | 4.74       |            |
| 2   | Ter      | 0:20  | 1.01       |            |
|     |          | 6:40  | 4.82       |            |
|     |          | 12:40 | 0.97       |            |
|     |          | 18:50 | 4.98       |            |
| 3   | Qua      | 1:20  | 0.66       |            |
|     |          | 7:40  | 5.08       |            |
|     |          | 13:40 | 0.68       |            |
|     |          | 19:50 | 5.21       |            |
| 4   | Qui      | 2:20  | 0.36       |            |
|     |          | 8:40  | 5.32       |            |
|     |          | 14:30 | 0.54       |            |
|     |          | 20:40 | 5.31       |            |
| 5   | Sex      | 3:10  | 0.22       |            |
|     |          | 9:30  | 5.4        |            |
|     |          | 15:20 | 0.51       |            |
|     |          | 21:30 | 5.3        |            |
| 6   | Sab      | 4:00  | 0.22       |            |
|     |          | 10:20 | 5.35       |            |
|     |          | 16:10 | 0.6        |            |
|     |          | 22:10 | 5.14       |            |
| 7   | Dom      | 4:50  | 0.33       |            |
|     |          | 11:10 | 5.2        |            |
|     |          | 16:50 | 0.85       |            |
|     |          | 23:00 | 4.99       |            |
| 8   | Seg      | 5:30  | 0.6        |            |
|     |          | 11:50 | 4.94       |            |
|     |          | 17:30 | 1.13       |            |
|     |          | 23:40 | 4.78       |            |
| 9   | Ter      | 6:10  | 0.9        |            |
|     |          | 12:30 | 4.67       |            |
|     |          | 18:20 | 1.31       |            |
| 10  | Qua      | 0:20  | 4.58       |            |
|     |          | 7:00  | 1.14       |            |
|     |          | 13:20 | 4.48       |            |
|     |          | 19:10 | 1.49       |            |
| 11  | Qui      | 1:10  | 4.46       |            |
|     |          | 7:40  | 1.41       |            |
|     |          | 14:10 | 4.32       |            |
|     |          | 20:00 | 1.62       |            |
| 12  | Sex      | 2:00  | 4.35       |            |
|     |          | 8:30  | 1.6        |            |
|     |          | 15:00 | 4.21       |            |
|     |          | 21:00 | 1.69       |            |
| 13  | Sab      | 3:10  | 4.25       |            |
|     |          | 9:30  | 1.73       |            |
|     |          | 15:50 | 4.16       |            |
|     |          | 22:00 | 1.72       |            |
| 14  | Dom      | 4:10  | 4.14       |            |
|     |          | 10:20 | 1.81       |            |
|     |          | 16:40 | 4.18       |            |
|     |          | 23:00 | 1.69       |            |
| 15  | Seg      | 5:10  | 4.09       |            |
|     |          | 11:10 | 1.81       |            |
|     |          | 17:30 | 4.25       |            |
| 16  | Ter      | 0:00  | 1.58       |            |
|     |          | 6:10  | 4.11       |            |
|     |          | 12:00 | 1.73       |            |
|     |          | 18:10 | 4.38       |            |
| 17  | Qua      | 0:50  | 1.41       |            |
|     |          | 7:00  | 4.22       |            |
|     |          | 12:40 | 1.64       |            |
|     |          | 18:50 | 4.54       |            |
| 18  | Qui      | 1:30  | 1.23       |            |
|     |          | 7:50  | 4.37       |            |
|     |          | 13:30 | 1.47       |            |
|     |          | 19:40 | 4.69       |            |
| 19  | Sex      | 2:20  | 1.04       |            |
|     |          | 8:30  | 4.51       |            |
|     |          | 14:10 | 1.36       |            |
|     |          | 20:20 | 4.82       |            |
| 20  | Sab      | 3:00  | 0.91       |            |
|     |          | 9:10  | 4.63       |            |
|     |          | 14:50 | 1.3        |            |
|     |          | 21:00 | 4.89       |            |
| 21  | Dom      | 3:40  | 0.85       |            |
|     |          | 9:50  | 4.69       |            |
|     |          | 15:30 | 1.28       |            |
|     |          | 21:40 | 4.88       |            |
| 22  | Seg      | 4:20  | 0.86       |            |
|     |          | 10:30 | 4.69       |            |
|     |          | 16:10 | 1.33       |            |
|     |          | 22:20 | 4.8        |            |
| 23  | Ter      | 5:00  | 0.94       |            |
|     |          | 11:10 | 4.63       |            |
|     |          | 16:50 | 1.42       |            |
|     |          | 23:00 | 4.67       |            |
| 24  | Qua      | 5:40  | 1.07       |            |
|     |          | 11:50 | 4.54       |            |
|     |          | 17:40 | 1.48       |            |
|     |          | 23:50 | 4.58       |            |
| 25  | Qui      | 6:20  | 1.22       |            |
|     |          | 12:50 | 4.46       |            |
|     |          | 18:20 | 1.57       |            |
| 26  | Sex      | 0:30  | 4.43       |            |
|     |          | 7:00  | 1.36       |            |
|     |          | 13:10 | 4.4        |            |
|     |          | 19:20 | 1.57       |            |
| 27  | Sab      | 1:30  | 4.45       |            |
|     |          | 7:50  | 1.44       |            |
|     |          | 14:10 | 4.45       |            |
|     |          | 20:20 | 1.55       |            |
| 28  | Dom      | 2:30  | 4.47       |            |
|     |          | 8:50  | 1.48       |            |
|     |          | 15:10 | 4.52       |            |
|     |          | 21:30 | 1.47       |            |
| 29  | Seg      | 3:40  | 4.52       |            |
|     |          | 9:50  | 1.48       |            |
|     |          | 16:10 | 4.6        |            |
|     |          | 22:40 | 1.35       |            |
| 30  | Ter      | 5:00  | 4.54       |            |
|     |          | 11:00 | 1.38       |            |
|     |          | 17:20 | 4.69       |            |
|     |          | 23:50 | 1.14       |            |
| 31  | Qua      | 6:10  | 4.63       |            |
|     |          | 12:10 | 1.18       |            |
|     |          | 19:00 | 4.89       |            |

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



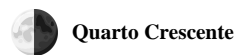
Lua Nova



Quarto Minguante



Lua Cheia



Quarto Crescente