

# Mars 2020 - 2039

| Datum      | Größe<br>Sek" | Aufgang | Im Süden | Untergang | max elev |
|------------|---------------|---------|----------|-----------|----------|
| 01.10.2020 | 22,57         | 19:38   | 02:00    | 08:52     | 43°      |
| 01.12.2020 | 14,4          | 13:56   | 20:37    | 03:17     | 44°      |
| 01.09.2022 | 10,07         | 22:49   | 06:52    | 14:55     | 58°      |
| 05.12.2022 | 17,13         | 15:49   | 00:25    | 09:00     | 62°      |
| 01.01.2023 | 14,58         | 13:30   | 22:00    | 06:30     | 62°      |
| 01.11.2024 | 9,33          | 21:30   | 05:45    | 14:00     | 59°      |
| 14.01.2025 | 14,58         | 16:07   | 00:42    | 09:17     | 62°      |
| 19.02.2027 | 13,82         | 17:14   | 00:42    | 08:00     | 53°      |
| 30.03.2029 | 14,47         | 18:51   | 01:07    | 07:20     | 39°      |
| 11.05.2031 | 16,92         | 20:00   | 00:40    | 05:24     | 23°      |
| 01.07.2035 | 14,16         | 00:39   | 06:00    | 11:20     | 28°      |
| 13.09.2035 | 24,62         | 20:19   | 01:45    | 07:07     | 29°      |
| 13.10.2035 | 21,00         | 18:00   | 23:20    | 04:40     | 30°      |
| 01.01.2036 | 9,10          | 11:56   | 18:34    | 01:10     | 43°      |
| 11.11.2037 | 18,98         | 16:50   | 00:52    | 08:53     | 57°      |
| 27.12.2039 | 15,33         | 16:15   | 01:00    | 09:47     | 63°      |

| sichtbar |     |       |     |       |     |
|----------|-----|-------|-----|-------|-----|
| von      |     | über  |     | bis   |     |
| 21:00    | 16° | 02:00 | 43° | 06:00 | 19° |
| 18:00    | 35° | 20:37 | 33° | 02:15 | 8°  |
| 00:00    | 10° | 03:00 | 34° | 05:00 | 51° |
| 17:20    | 10° | 00:25 | 62° | 07:00 | 10° |
| 17:00    | 28° | 22:00 | 62° | 05:00 | 10° |
| 22:30    | 6°  | 02:00 | 38° | 06:00 | 58° |
| 17:30    | 10° | 00:42 | 62° | 07:00 | 15° |
| 18:30    | 10° | 00:42 | 53° | 06:30 | 10° |
| 20:00    | 10° | 01:07 | 39° | 06:00 | 10° |
| 22:00    | 14° | 00:40 | 23° | 04:00 | 10° |
| 02:00    | 10° | 03:00 | 18° | 04:00 | 23° |
| 21:10    | 6°  | 01:45 | 29° | 05:30 | 10° |
| 20:00    | 15° | 00:00 | 30° | 04:00 | 5°  |
| 17:00    | 40° | 19:30 | 43° | 00:00 | 10° |
| 18:00    | 8°  | 00:52 | 57° | 06:00 | 23° |
| 18:00    | 12° | 01:00 | 63° | 07:00 | 20° |