



Sezione Nazionale Pianeti UAI

Founded in 1989 by Marco Falorni

MARS visual observing form

apparition -

OBSERVER

Date (yyyy/mm/dd) _____ / _____ / _____
 from _____ : _____ UT to _____ : _____ UT
 Seeing _____ Antoniadi
 Telescope _____ in. f/
 Diagonal _____
 Site _____

TRANSPARENCY

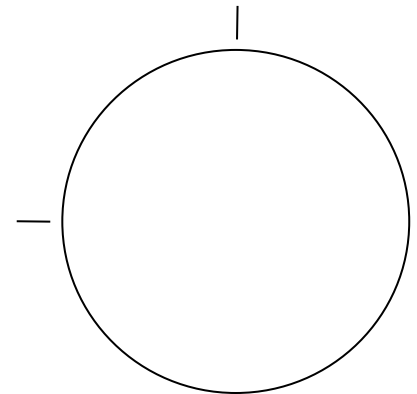
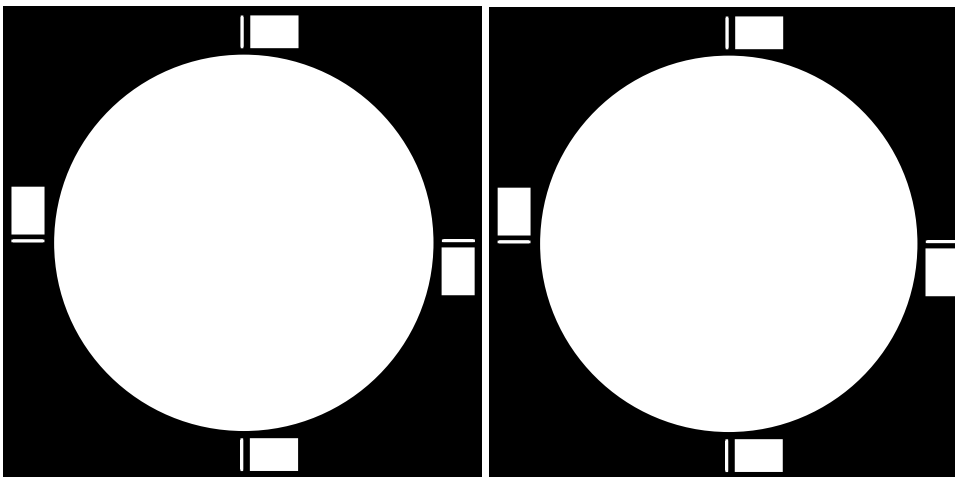
- EXCELLENT
 GOOD
 AVERAGE
 LOW

EPHEMERIDES

see box below

Planet altitude (°) _____
 Eq. diam. (") _____
 Ls (°) _____
 Dt (°) _____
 K _____
 Q (°) _____

Insert N, S, p, f in the boxes to orient the blank. Prefer South@top



Filter **W** _____

UT _____ : _____
 Filter **W** _____
 Magn. _____ X
 Seeing _____ Ant.

UT _____ : _____
 Filter **W** _____
 Magn. _____ X
 Seeing _____ Ant.

BLANK FOR INTENSITY ESTIMATES

Intensity estimates use a 0-10 scale: 0 = polar caps, 10 = dark background sky. A rough "colour index" can be calculated as the difference of intensity values observed through a red and blue filters.

OBSERVING NOTES

Notes on ephemerides

Ls Longitude of the Sun, corresponding to the Martian season. 0° = beginning of spring in northern hemisphere.

Dt (or De) Declination of Earth. The northern hemisphere of Mars is tilted toward the Earth for positive values, the southern hemisphere for negative ones.

K phase of the planet, as the unilluminated fraction of the disc. Value is zero at opposition (fully illuminated disc) and is maximum at quadratures. Given as "Phase" parameter under WinJupos ephemerides.

Q Position angle of maximum phase defect, counted from celestial North eastward. Given as "Maximum phase" parameter in WinJupos.