

ZODIACAL SIGNS.

Aries, the Ram, Head and Face.

Gemini,
Arms.Leo,
Heart.Libra,
Reins.Sagittarius,
Thighs.Aquarius,
Legs.Taureau,
Neck.Cancer,
Breast.Virgo,
Bowels.Scorpio,
Secrets.Capricornus,
Knees.

Pisces, Feet.

ECLIPSES DURING THE YEAR 1882.

There will be two Eclipses during the year 1882, both of the Sun.

I. On the 16th May, total, invisible here.

Astronomical data of this Eclipse:

Eclipse begins	May 16th, 16h 52.5m	in Long. 15° 30' E.	and in Lat. 4° 3' N.
Central Eclipse	" 16th, 17h 54.0m	" 3 13 W.	" 10 37 N.
Central E. Noon	" 16th, 19h 41.5m	" 63 39 E.	" 28 38 N.
" ends	" 16th 21h 19.3m	" 138 52 E.	" 25 31 N.
Eclipse ends	" 16th, 23h 23.3m	" 120 48 F.	" 19 0 N.

II. On the 10th November, Annular, invisible here.

Astronomical data of this Eclipse:

Eclipse begins	Nov. 10th, 8h 22.2m	in Long. 141° 16' E.	and in Lat. 2° 38' N.
Central E. "	" 10th, 9h 28.8m	" 123 19.6 E.	" 1 33.6 S.
" " at noon	" 10th, 11h 26.4m	" 175 33.8 W.	" 29 27.3 S.
" " ends	" 10th, 13h 15.1m	" 105 45.5 W.	" 21 17.2 S.
Eclipse ends	" 10th, 14h 21.6m	" 123 51.9 W.	" 17 43 S.

A transit of the Planet Venus over the disc of the Sun occurs on the 6th of December.

The 1st of January, 1882, is the 2,408,447th day since the commencement of the Julian Period.

The year 1882 begins on Sunday and ends on Sunday.

COMMENCEMENT OF THE SEASONS.

Winter	begins	December 21st, 1881, 7h 42ev,	and lasts, 89d 0h 48m
Spring	March	20th, 1882, 8h 30ev,	" 92d 20h 34m.
Summer	June	21st, " 5h 4ev,	" 93d 14h 32m.
Autum	Sept.	23rd, " 7h 27mo,	" 89d 18h 4m.
Winter	December	22nd, " 1h 31mo, trop. year,	365d 5h 48m.