

CUSTOMARY NOTES.

1. Venus (♀) will be Morning Star until March 5th, then Evening Star until December 18th, then Morning Star until October 2d, 1843.

2. The Moon will run highest this year about the 20th degree of Gemini, (♊) and lowest about the 20th degree of (♐) Sagittarius.

3. Latitude of Herschel (♃) 45' 27" south in the middle of this year.

4. Longitude of the Moon's Ascending Node, (♊) in the middle of this year, ♄ signs, 21 degrees.

5. Mean obliquity of the Ecliptic in the middle of this year, 23° 27' 35, 4". True obliquity, same time, 23° 27' 38, 3".

PRINCIPAL ARTICLES.

CHRONOLOGICAL CYCLES.		MOVEABLE FEASTS.	
Domical Letter	B	Easter Sunday,	March 27
Golden Number,	19	Rogation Sunday,	May 1
Epact,	18	Ascension Day,	May 5
Solar Cycle,	3	Whitsunday,	May 15
Roman Indiction,	15	Trinity Sunday,	May 22
Julian Period,	6555	Advent Sunday,	November 27

EQUINOXES AND SOLSTICES.

	D.	H.	M.
Vernal Equinox,	March 20	7	17 Evening.
Summer Solstice,	June 21	4	26 Evening.
Autumnal Equinox,	September 23	6	30 Morning.
Winter Solstice,	December 31	11	59 Evening.

ECLIPSES IN THE YEAR 1842.

There will be five Eclipses this year; three of the Sun and two of the Moon.

I. There will be an Eclipse of the Sun on the 11th of January, at 1h. 19m. in the morning, invisible in America except about Cape Horn.

This Eclipse will be annular at the South Pole, and will be visible in the surrounding dreary regions for fifteen hundred miles in every direction. At the Cape of Good Hope and Cape Horn, an Eclipse may be seen on the Sun's southern limb. Magnitude at the former place, 8.98. digits. The Eclipse will be central and annular on the meridian in longitude 57° 28' west from Greenwich, and latitude 88° 41' south.

II. There will be an Eclipse of the Moon on the 26th of January, at 6h. 54m. in the afternoon, consequently invisible to us.

III. There will be an Eclipse of the Sun on the 8th of July, at 2h. 5m. in the morning, invisible here. This Eclipse will pass central and total through Europe and Asia. It will be visible in every part of Europe, and in almost every part of Asia. It will be visible also in Greenland, in Egypt, and in the Island of Borneo. It will be central and total on the meridian in longitude 77° 27' east from Greenwich, and latitude 51° 47' north.

Magnitude at

Greenwich,	9 61	}	digits on the Sun's southern limb.
Edinburgh,	8 24		
Dublin,	8 53		

IV. There will be an Eclipse of the Moon on the 22d July, at 6h. 1m. in the morning, invisible. The Moon will set at New York about two minutes before the beginning of the Eclipse. At Natchez this Eclipse will be chiefly visible.

V. There will be an Eclipse of the Sun on the 31st of December, at 2h. 6m. in the afternoon, invisible to us.

This Eclipse will be visible throughout South America, and in the surrounding waters, including most of the South Pacific Ocean, and a Part of the Great Southern Ocean, extending to 72° of south latitude. The central eclipse (which will be annular) will commence near Tongataboo, among the friendly Islands, and sweeping a southern curve while it passes to the eastward, will strike the continent nearly in the same latitude. It will pass through South America from near Arequipa, crossing the Southern branches of the Amazon, to the Atlantic near the mouth of that River; and will leave the earth at a point three and a half miles north of the Equator in longitude 42° 55' west from Greenwich.

I. JANUARY

Third Quarter

New Moon, 1

D. DAY

M. WK

1 Sat Circumc

2 B 2d S. aft

3 Mo

4 Tu Sirius so

5 We ♄ sets 8

6 Th Epiphan

7 Fri Aldebara

8 Sat ☉ runs l

9 B 1st Sund

10 Mo

11 Tu Dr. Dwig

12 We ☉ ♁.

13 Th ☉ in ap

14 Fri

15 Sat Ell-and-y

16 B 2d Sunda

17 Mo Sup. ♁

18 Tu

19 We ☉ enter

20 Fri Agnes.

22 Sat Vincent.

23 B Septuag

24 Mo

25 Tu Conversi

26 We ☉ in per

27 Th

28 Fri Peter the

29 Sat Sirius set

30 B Sexagesi

31 Mo Sirius so

*Cure for a W
brine, simmer it o
play it successiv
Night Sweats.*