

ECLIPSES FOR THE YEAR 1842.

There will be five Eclipses this year, three of the SUN, and two of the MOON, as follows:

1st. There will be an *annular* eclipse of the SUN January 11th; this eclipse will be invisible at this place. It will be central and annular at noon, in Latitude $8^{\circ} 41'$ south; Longitude $57^{\circ} 28'$ west of *Greenwich*.

2d. The MOON will be *partially* eclipsed, January 26th, invisible at this place.

3d. The SUN will be *totally* eclipsed, July 8th, invisible at this place. It will be central, and total at noon in latitude $51^{\circ} 47'$ north; longitude $77^{\circ} 27'$ east of *Greenwich*.

4th. The MOON will be *partially* eclipsed July 22d, as follows:

Eclipse begins,	4 h. 29 m.	} A. M.
Middle of Eclipse,	5 32	
Eclipse ends,	6 35	

Digets eclipsed, about $3\frac{1}{2}$ on the southern limb.

5th. There will be an *annular* eclipse of the SUN, December 31st. This eclipse will be invisible at this place. In latitude $33^{\circ} 18'$ south; longitude $104^{\circ} 21'$ west of *Greenwich*, this eclipse will be central and annular at noon.

CHRONOLOGICAL CYCLES FOR 1842.

Dominical Letter,	B	Solar Cycle,	3
Lunar Cycle,	19	Roman Indication,	15
Epact,	18	Julian Period,	6555

MOVEABLE FEASTS AND FASTS FOR 1842.

Septuagesima Sunday, Jan. 23	Rogation Sunday, May 1
Shrove Sunday Feb. 6	Holy Thursday, " 5
Ash Wednesday, " 9	Whit Sunday, " 15
First Sunday in Lent, " 13	Trinity Sunday, " 22
Easter Sunday, March 27	Advent Sunday, Nov. 27

THE SHEPHERD OF BANBURY'S RULES OF THE WEATHER.

1. If the sun rise red and fiery—wind and rain.
2. If cloudy, and the clouds soon decrease—certain fair weather.
3. Clouds small and round like a dapplegray, with a north wind—fair weather for two or three days.
4. If small clouds increase—much rain.
5. If large clouds decrease—fair weather.
6. In summer and harvest, when the wind has been south two or three days, and it grows very hot, and you see clouds rise with great white tops like towers, as if one were upon the top of another, and joined together with black on the nether side—there will be thunder and rain suddenly.
7. If two such clouds arise, one on either hand—it is time to make haste to shelter.