

CALCULATIONS FOR

An Almanac for the Year of our Lord, 1861, (being 1st after Bissextile,
and until the 4th of July, the 85th year of American Independence.)
Adapted to the Horizon and Meridian of New York.—By Samuel H.
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CHRONOLOGICAL CYCLES.

Dominical Letter,	-	-	-	-	-	F.
Golden Number, or Lunar Cycle,	-	-	-	-	-	19.
Epaet, (Moon's age,) January 1st,	-	-	-	-	-	18.
Solar Cycle,	-	-	-	-	-	22.
Roman Indiction,	-	-	-	-	-	4.
Julian Period,	-	-	-	-	-	6574.

MOVEABLE FEASTS.

Easter Sunday,	-	-	-	-	-	March 31
Rogation Sunday,	-	-	-	-	-	May 5.
Ascension Day,	-	-	-	-	-	" 9
Pentecost,	-	-	-	-	-	" 19
Trinity Sunday,	-	-	-	-	-	" 26
Advent Sunday,	-	-	-	-	-	Dec. 1

EQUINOXES AND SOLSTICES.

			D.	H.	M.
Vernal Equinox, (Beginning of Spring,)	March,	20	9	52	M.
Summer Solstice, (" Summer,)	June	21	6	39	M.
Autumnal Equinox, (" Autumn,)	Sept.	22	8	52	E.
Winter Solstice, (" Winter,)	Dec.	21	2	39	E.

CUSTOMARY NOTES.

MORNING AND EVENING STARS.—VENUS will be Morning Star until May 11th, then Evening Star the rest of the year. MARS will be Evening Star until August 27th, then Morning Star the rest of the year. JUPITER will be Morning Star until February 10th, then Evening Star until August 30th, then Morning Star the rest of the year. SATURN will be Morning Star until February 24th, then Evening Star until September 5th.

MERCURY.—This planet will be visible in the West soon after sunset, about February 24th, June 22d, October 17th; and in the East just before sunrise, about April 15th, August 13th, and December 2d.

ECLIPSES FOR 1861.

There will be four Eclipses this year, as follows:

- I. An Annular Eclipse of the Sun, January 10th, invisible.
- II. An Annular Eclipse of the Sun, July 7th, invisible.
- III. A Partial Eclipse of the Moon, December 17th, in the *morning*. Begins at 2h. 31m.: middle at 3h. 22m.; ends at 4h. 13m. at New York. Size only 2.22 digits.

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