

Parallax is the foot point of vision.

ECLIPSES OF THE SUN AND MOON FOR 1867.

THERE will be four Eclipses this year; two of the SUN, and two of the MOON:

I.—AN ANNUULAR ECLIPSE OF THE SUN, March 6th, visible in Europe, Western Asia, and Northern Africa.

II.—A PARTIAL ECLIPSE OF THE MOON, March 20th, as follows:

Moon enters penumbra, day, h. m. 20 11 A. M. Moon leaves shadow, day, h. m. 23 41 A. M.

Middle of eclipse, day, h. m. 21 56 A. M. penumbra, day, h. m. 20 49 A. M.

III.—A TOTAL ECLIPSE OF THE SUN, August 29th, visible in South America and the South Atlantic Ocean.

IV.—A PARTIAL ECLIPSE OF THE MOON, Sept. 13th, as follows (Boston Mean Time):

Moon enters shadow, day, h. m. 13 6 P. M. Moon leaves shadow, day, h. m. 9 11 A. M.

Middle of eclipse, day, h. m. 12 12 P. M. penumbra, day, h. m. 10 25 P. M.

NEW AND VALUABLE TIME TABLE.

PLACES.	Longitude of Place.	PLACES.	Longitude of Place.	PLACES.	Longitude of Place.
Eastern Coast.		West Point.	11 32	Washington.	77 44
Portland.	12 25	Greenwich.	12 44	City Point.	211 30
Boston.	12 25	Greenwich.	12 44	St. Andrew.	833 34
Newburyport.	12 25	Long Island Sound.			
Boston Light.	11 33	Stonington.	7 32	Hatteras Inlet.	76 12
Boston.	12 25	New London.	9 25	Beaufort (N. C.).	756 33
Plymouth.	11 19	New Haven.	11 17	Wilmington.	708 33
Salem.	11 54	Baldport.	11 11	Charleston.	759 47
Provincetown.	11 22	Tarboro' Neck.	11 20	Charleston.	759 47
Nantucket.	12 29	Jessie's Coast.		Savannah.	813 76
Hyannis.	12 29	Cold Spring Inlet.	7 32	Richmond River.	728 55
Edgartown.	12 10	Cape May Landing.	8 19	St. Augustine.	821 45
Volunt's Hole.	11 43	Delaware Bay, &c.		Key West.	800 13
Wood's Hole.	70 44	Delaware Bay, &c.		Portuque.	9 36
Wood's Hole (S.).	83 2	Delaware Bay, &c.		Tampa Bay.	11 27
New Bedford.	73 14	Delaware Bay, &c.		Cedar Keys.	13 15
Newport.	73 14	Delaware Bay, &c.		Western Coast.	
Point Judith.	73 14	Delaware Bay, &c.		San Diego.	117 26
Montauk Point.	73 14	Delaware Bay, &c.		San Luis Obispo.	10 48
Sandy Hook.	73 14	Delaware Bay, &c.		Monterey.	10 12
New York.	73 14	Delaware Bay, &c.		San Francisco.	12 6
Hudson River.		Delaware Bay, &c.		Humboldt Bay.	12 2
Tarrytown.	83 2	Delaware Bay, &c.		Astoria.	12 42

To find the time of high water at any of the above places, add the time indicated in the first column of figures (Establishment of Port) to the time of the "Moon's South," found in the calendar pages.

EXAMPLES.

1. Required the time of high water at Newport, June 1, 1867.
Moon's South, 11 54 p. m.
Establishment of Port, 2 45
Time of high water, 8 39 even.
2. Required the time of high water at Boston, June 11, 1867.
Moon's South, 11 54 p. m.
Establishment of Port, 2 45
Time of high water, 21 13 p. m.
3. Required the time of high water at Tampa Bay, June 12, 1867.
Moon's South, 11 54 p. m.
Establishment of Port, 11 21
Time of high water, 12 51 p. m.

The astronomical day commences and ends at 12 o'clock noon. The astronomical day commences and ends at 12 o'clock noon. The astronomical day commences and ends at 12 o'clock noon.

The "DAY," in civil life, commences and ends at midnight, though the time that elapses between the rising and setting of the sun is usually reckoned as the "day." The Astronomical DAY commences and ends at 12 o'clock noon. Insurance, Life and Fire, as well as Marine, is calculated on this basis. Apparent Time is the time indicated by the sundial. True Time is the time indicated by a well regulated clock. Equation of Time is the difference between true and apparent time. Mean Time is the average of apparent time, and is the time on which the calculations of this Almanac are based.

CHRONOLOGICAL CYCLES FOR 1867.

- Dominical letter, F
- Solar Cycle, 28
- Lunar Cycle, 19
- Roman Indiction, 10
- Epact, 25
- Julian Period, 7200000

MOVABLE FEASTS AND FASTS FOR 1867.

- Sep. 24 Sunday, Fe. 12 Good Friday, April 19 Holy Thursday, May 30
- Sept. 25 Sunday, March 5 Easter Sunday, April 21 White Sunday, June 9
- Sept. 26 Sunday, March 12 Low Sunday, April 28 Trinity Sunday, June 16
- Sept. 27 Sunday, March 19 Rogation Sunday, May 28 Advent Sunday, Dec. 1

NOTE.—The times and positions of the sun and moon are given both the whole hours, corrected for refraction, in mean time. The column of moon's place shows the sign of the zodiac, or constellation, in which the moon is situated at noon. The column of moon's south shows the time (in apparent time) of an hour) when the moon passes the meridian.

A prudent man will be always prepared.