

- 4th—A Total Eclipse of the Moon, July 1st, invisible in N. S.
 5th—A Total Eclipse of the Sun, December 10th and 11th, invisible also in Nova Scotia—visible in the greater part of Asia and the North Pacific Ocean.
 6th—A Partial Eclipse of the Moon, Dec. 26th, invisible in N. S.

Planets.

VENUS will be an Evening Star till July 21st, when she will be in conjunction with the Sun, and afterwards a Morning Star.
MARS will be an evening Star throughout the year.
JUPITER will be a Morning Star till May 8th, then an Evening Star till November 25th, afterwards again a morning Star.
SATURN will be an Evening Star till his conjunction with the Sun, April 27th, then a Morning Star till November 6th, after that an Evening Star.
Moon's Semidiameter and Horizontal Parallax at her Perigee and Apogee, or when they are respectively greater or least.

DATE OF PER. & AP.	SEMID.	HOR. PAR.	DATE OF PER. & AP.	SEMID.	HOR. PAR.
Jan'y. 10	16' 15"	59' 36"	July 9	14' 47"	54' 14"
" 26	14 45	54 8	" 22	16 10	59 19
Feb'y. 7	16 29	60 29	August 6	14 46	54 12
" 23	14 43	54 0	" 18	16 22	60 3
March 6	16 40	61 10	Sept'r. 3	14 44	54 5
" 21	14 42	53 55	" 15	16 35	60 52
April 4	16 43	61 22	" 30	14 42	53 58
" 17	14 41	53 55	October 13	16 43	61 21
May 2	16 39	61 6	" 27	14 42	53 55
" 15	15 43	54 1	Nov'r. 11	16 43	61 19
" 30	16 28	60 25	" 23	14 42	53 58
June 11	14 45	54 9	Dec'r. 9	16 34	68 47
" 27	16 14	59 35	" 21	14 44	54 5

For the intervening days, they can be found near enough by proportion.

Meridian Passage of Pole Star.

The Pole Star describes a small circle of $1\frac{1}{2}$ degrees radius round the pole of the Equator every 24 hours. It is on the meridian, or bears due north twice only in this time, as given in the Table below for the first day of each month.—The meridian passage for any other day may be found by simple proportion.

Above the Pole.

Below the Pole.

January 1st—At	6h. 20m.	7s.	P. M., and at	6h. 22m.	5s.	A. M.
Feb'y. 1	" 4	7	"	" 4	9	14
March 1	" 2	14	"	" 2	15	59
April 1	" 0	20	"	" 0	22	18
May 1	" 10	29	A. M.	" 10	27	8
June 1	" 8	26	"	" 8	24	32
July 1	" 6	22	"	" 6	20	38
August 1	" 4	18	"	" 4	16	24
Sept'r. 1	" 2	23	"	" 2	20	49
October 1	" 0	34	"	" 9	32	55
Nov'r. 1	" 10	37	P. M.	" 10	39	55
Dec'r. 1	" 8	44	"	" 8	46	8

The time that of High and Sun's a Greenwich.

Latitude a in the

The Capital

- Halifax, -
- Fredericton, -
- Montreal -
- Toronto, -
- Quebec, -
- Portland Ligh
- Boston, -
- Portsmouth, N
- Newport, -
- New York,
- Philadelphia,
- Baltimore, -
- Charleston, -
- Washington,
- Fredericksburg
- Savannah -

Int

Pincip

Sh'gs.	
5	10
10	15
15	20
20	25
25	30
30	35
35	40
40	45
45	50
50	55
55	60
60	65
65	70
70	75
75	80
80	85
85	90
90	95
95	100

POUNDS.