

FEBRUARY, 1890.

Moon's Phases—Calculated for Mean Time at St. John's, Newfoundland.

FULL MOON..... 4th day, 9h., 43m., Morning.
 LAST QUARTER..... 12th day, 3h., 20m., Morning.
 NEW MOON..... 18th day, 6h., 57m., Evening.
 FIRST QUARTER..... 25th day, 10h., 35m., Evening.

Day of W.	Day of M.	Sun rises at St. John's.	Sun sets at St. John's.	G. app. time.	Sun's Declination.	Var. in 1 hour.	Equa. of time add.	Var. in 1 hour.	High Water at St. John's.
		h. m. h. m.		° ' "			m. s.	s.	a. m. p. m.
S	1	7 32	4 55	S 17	1 17	242 91	13 51	70 0	3 19 4 56 5 20
Su	2	7 31	4 57	16 43	58 54	3 04	13 58	04 0	284 5 40 6 04
M	3	7 29	4 59	16 26	22 44	36 14	5 36	0 250	6 18 6 42
T	4	7 28	5 0	10 8	29 34	5 06	14 10	95 0	216 6 57 7 21
W	5	7 27	5 2	15 50	19 64	5 74	14 15	72 0	182 7 32 7 56
Th	6	7 25	5 3	15 31	53 74	4 11	14 19	68 0	148 8 24 8 28
F	7	7 24	5 5	15 13	11 94	7 06	14 22	84 0	115 8 35 9 02
S	8	7 22	5 7	14 54	14 74	7 70	14 25	20 0	82 9 09 9 33
Su	9	7 20	5 8	14 35	2 54	8 31	14 26	79 0	050 9 47 10 11
M	10	7 19	5 10	14 15	35 64	8 02	14 27	61 0	013 10 27 10 51
T	11	7 17	5 11	13 55	54 54	9 50	14 27	67 0	013 11 12 11 36
W	12	7 16	5 12	13 35	59 50	0 7	14 26	98 0	044 11 54 ...
Th	13	7 14	5 13	13 15	51 25	0 62	14 25	50 0	074 1 24 1 48
F	14	7 12	5 15	12 55	29 85	1 15	14 23	42 0	104 2 59 3 23
S	15	7 11	5 16	12 34	55 85	1 07	14 20	56 0	134 4 18 4 42
Su	16	7 9	5 18	12 14	9 65	2 17	14 17	00 0	163 5 18 5 42
M	17	7 7	5 19	11 53	11 75	3 65	14 12	74 0	192 6 04 6 28
T	18	7 0	5 21	11 32	2 45	3 11	14 7	79 0	221 7 06 7 30
W	19	7 4	5 22	11 10	42 35	3 56	14 2	14 0	240 7 33 7 57
Th	20	7 3	5 24	10 49	11 75	3 93	13 55	83 0	277 8 10 8 34
F	21	7 2	5 25	10 27	31 154	3 39	13 48	83 0	304 8 41 9 05
S	22	7 0	5 26	10 5	4 854	7 0	13 41	23 0	331 9 20 9 47
Su	23	6 59	5 27	9 43	41 455	16 13	13 32	96 0	357 9 54 10 18
M	24	6 57	5 29	9 21	33 255	5 13	13 24	07 0	383 10 40 11 04
T	25	6 55	5 30	8 59	16 755	85 13	14 57	0 408	11 28 11 52
W	26	6 52	5 32	8 36	52 356	17 13	4 48	0 432	0 06 0 30
Th	27	6 51	5 34	8 14	20 356	48 12	53 82	0 456	1 12 1 36
F	28	6 49	5 35	7 51	41 356	76 12	42 60	0 479	2 29 2 53

Memoranda, &c.—February 2, Septuagesima Sunday; Candlemas Day. 5, Sir Robert Peel born, 1788. 6, *Fish convention laid before the Legislature*, 1857. 8, Mary Q. of Scots beheaded, 1587. 10, Queen Victoria married, 1840. 12, Lady Jane Grey beheaded, 1554. 14, St. Valentine's Day. 16, Quinquagesima—Shrove Sunday; Dr. Kane died, 1857. 17, *Benevolent Irish Society founded*, 1806. 19, Ash Wednesday. 22, Washington born, 1732. 23, Quadragesima—1st Sunday in Lent. 24, St. Matthias. 27, Longfellow born, 1807.

Moon's Pha

FULL MOON
 LAST QUAR
 NEW MOON
 FIRST QUAR

Day of W.
 Day of M.
 Sun rises at St. J.

S	1	6 46
Su	2	6 44
M	3	6 42
T	4	6 40
W	5	6 38
Th	6	6 36
F	7	6 34
S	8	6 32
Su	9	6 30
M	10	6 28
T	11	6 26
W	12	6 24
Th	13	6 22
F	14	6 20
S	15	6 18
Su	16	6 16
M	17	6 14
T	18	6 12
W	19	6 10
Th	20	6 8
F	21	6 6
S	22	6 4
Su	23	6 2
M	24	6 0
T	25	5 58
W	26	5 56
Th	27	5 54
F	28	5 52
S	29	5 50
Su	30	5 48
M	31	5 46

Memora

1791. 8, William
 12, Assassination
 B.C., 44. 17, St
 Princess Louise
 Raphael born, 1