

JANUARY, 1880.

MOON'S PHASES,

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

LAST QUARTER..... 4th day, 10h, 20m, Morning

NEW MOON..... 11th day, 2h, 20m, Morning

FIRST QUARTER..... 18th day, 10h, 11m, Morning

FULL MOON..... 27th day, 1h, 43m, Evening

Day of W.	Day of M.	Sun rises	Sun sets	G. app. time.	Var in 1 hour.	Equa of time. add.	Var in 1 hour.	High Water at St. John's.
		at St. John's.		Sun's Declination.				
		h. m. h. m.		° ' "	"	m. s.	s.	a. m. p. m.
Th.	1	7 55	4 13	S 23 2 19	6 12 06	3 37 78	1 184	9 19 9 43
F	2	7 54	4 14	22 57 16	2 13 21	4 6 04	1 171	9 58 10 22
S	3	7 54	4 15	22 51 45	4 04 35	4 33 97	1 156	10 36 11 00
Su.	4	7 54	4 16	22 45 47	2 15 49	5 1 54	1 141	11 26 11 50
M	5	7 54	4 17	22 39 21	9 16 62	5 28 72	1 124	0 37 0 51
T	6	7 54	4 19	22 32 29	5 17 74	5 55 49	1 106	1 57 2 21
W	7	7 53	4 20	22 25 10	3 18 85	6 21 82	1 087	3 23 3 47
Th.	8	7 53	4 21	22 17 24	5 19 96	6 47 69	1 067	4 36 5 00
F	9	7 53	4 22	22 9 12	4 21 05	7 13 06	1 046	5 31 5 55
S	10	7 52	4 24	22 0 34	1 22 13	7 37 90	1 024	6 06 6 30
Su.	11	7 52	4 25	21 51 30	1 23 20	8 2 19	1 000	7 10 7 34
M	12	7 51	4 26	21 42 0	5 24 26	8 25 88	0 974	7 57 8 21
T	13	7 51	4 27	21 32 5	7 25 30	8 48 96	0 948	8 18 8 42
W	14	7 50	4 29	21 21 46	0 26 33	9 11 39	0 921	8 57 9 21
Th.	15	7 50	4 30	21 11 1	7 27 35	9 33 16	0 893	9 34 9 58
F	16	7 49	4 31	20 59 53	0 28 36	9 54 23	0 863	10 06 10 30
S	17	7 48	4 33	20 48 20	3 29 36	10 14 59	0 833	10 47 11 11
Su.	18	7 47	4 34	20 36 23	9 30 34	10 34 24	0 803	11 32 11 56
M	19	7 46	4 36	20 24 4	2 31 30	10 53 14	0 772	0 01 0 25
T	20	7 45	4 37	20 11 21	6 32 25	11 11 28	0 740	1 18 1 32
W	21	7 44	4 38	19 58 16	3 33 18	11 28 66	0 708	2 21 2 45
Th.	22	7 44	4 40	19 44 48	7 34 11	11 45 26	0 675	3 31 3 55
F	23	7 43	4 42	19 39 59	2 35 01	12 1 08	0 643	4 27 4 51
S	24	7 42	4 43	19 16 48	1 35 90	12 16 11	0 609	5 19 5 43
Su.	25	7 41	4 45	19 2 15	8 36 78	12 30 33	0 576	5 59 6 23
M	26	7 40	4 46	18 47 22	7 37 64	12 43 74	0 542	6 39 7 03
T	27	7 38	4 48	18 32 9	1 38 49	12 56 35	0 508	7 16 7 40
W	28	7 37	4 49	18 16 35	4 39 31	13 8 14	0 474	7 57 8 21
Th.	29	7 36	4 51	18 0 42	0 40 13	13 19 11	0 440	8 19 8 43
F	30	7 35	4 52	17 44 29	2 40 93	13 29 28	0 407	8 54 9 18
S	31	7 33	4 54	S 17 27 57	5 11 71	13 38 63	0 373	9 34 9 58

Memoranda, &c.—Jan. 3, Port Royal, Jamaica, burnt, 1703; 6, Epiphany; 7, St. Distaff's Day; 8, Battle New Orleans, 1815; 9, *Roman Catholic Cathedral opened*, 1850; 10, Penny Postage, Great Britain, 1840; 14, R. Bruce died, 1611; 15, James Watt born, 1736; 16, Battle of Corunna, 1809; 17, B. Franklin born, 1706; 19, D. Webster born, 1782; 22, Byron born, 1783; 23, Wm. Pitt died, 1806; 24, Fox born, 1749; 25, Conversion St. Paul, Septuagesima Sunday; 26, Dr. Jenner died, 1823; 27, Mozart died, 1756; 28, *Colonial Building opened*, 1850.