

FEBRUARY—XXVIII DAYS.

PHASES OF THE MOON.

Last Quarter D. H. M. 8 7 10 a.m.
 New Moon 15 9 43 p.m.
 Apogee, 7d. 7h. a.m.
 First Quarter D. H. M. 22 4 18 p.m.
 Perigee, 19d. 3h. a.m.

DAYS.	REMARKABLE DAYS.	SUN'S AP-PARENT DE-CLINATION.			EQUATION OF TIME.			MOON'S AGE AT NOON.		MOON'S MERIDIAN PASSAGE.		MEAN TIME CORRECTED.		DAYS.
		°	'	"	M.	S.	D.	H.M.	Mean Time.	Sun Rises.	Sun Sets.			
1 Th	Jury Lists Rev. Meeting	17	13	13	13	48-93	15	0 33 a.m.	5	4	7 19	1		
2 F	Pur. B.V.M. Candlemas Day	16	55	8	13	57-09	16	1 30	5	7	7 18	2		
3 Sat		16	38	44	14	4-43	17	2 16	5	9	7 17	3		
4 S	Sexagesima Sunday	16	21	3	14	9-96	18	3 10	5	11	7 16	4		
5 M	Treaty of Waitangi, 1840	16	3	5	14	14-67	19	3 45	5	12	7 15	5		
6 T	Victoria Cross founded, 1856	15	44	50	14	19-59	20	4 27	5	13	7 14	6		
7 W	All England Eleven arr. in Ch.ch. 1864	15	26	19	14	22-70	21	5 11	5	14	7 12	7		
8 Th	Peter the Great died, 1725	15	7	32	14	26-06	22	5 55	5	17	7 11	8		
9 F		14	48	30	14	28-62	23	6 41	5	18	7 10	9		
10 Sat	Queen Victoria married, 1840	14	28	13	14	30-00	24	7 29	5	19	7 8	10		
11 S	Quinquagesima. Shrove Sunday	14	9	41	14	30-67	25	8 20	5	20	7 7	11		
12 M	Gold discovered in N. S. W., 1851	13	49	55	14	30-08	26	9 10	5	21	7 6	12		
13 T	Shrove Tuesday. [Cook killed, 1799	13	29	56	14	28-61	27	10 4	5	23	7 4	13		
14 W	Ash Wednesday. Valentine's Day	13	9	44	14	25-41	28	10 56	5	24	7 3	14		
15 Th	National debt, Gt. Britain com., 1690	12	49	21	14	22-18	29	11 49	5	26	7 1	15		
16 F	Colony of Tasmania established 1804	12	28	41	14	18-82	0	0 37 p.m.	5	27	7 0	16		
17 Sat	Michael Angelo died, 1564 [Lent	12	7	51	14	14-64	1	1 34	5	29	6 58	17		
18 S	Quadragesima. First Sunday in	11	46	50	14	8-75	2	2 27	5	30	6 57	18		
19 M	Hobart founded, 1804	11	25	38	14	2-55	3	3 20	5	32	6 56	19		
20 T	Survey obstructed at Taranaki, 1860	11	4	15	13	56-27	4	4 15	5	33	6 54	20		
21 W	Alumbagh def. by Outram, 1857	10	42	42	13	49-01	5	5 10	5	34	6 52	21		
22 Th	Martial Law procl. at Taranaki, 1860	10	20	58	13	40-68	6	6 6	5	35	6 51	22		
23 F		9	59	6	13	32-42	7	7 2	5	36	6 49	23		
24 Sat	Louis Philippe abd. 1848. St. Matthew	9	37	5	13	23-23	8	7 57	5	37	6 48	24		
25 S	Second Sunday in Lent	9	14	55	13	13-71	9	8 51	5	39	6 46	25		
26 M	Bonaparte escaped from Elba, 1815	8	52	37	13	3-41	10	9 45	5	40	6 44	26		
27 T	British Bank trials, 1858	8	30	10	12	52-73	11	10 36	5	41	6 42	27		
28 W	First Supreme Court opened, Auck- land, 1840	8	7	37	12	40-70	12	11 23	5	43	6 40	28		

PHENOMENA FOR THE MONTH.

FEBRUARY.—1st, 0h. 56m. p.m., Saturn in quadrature with the Sun; 3rd, 7h. 3m. a.m., Mercury in Aphelion; 7th, 5h. 36m. p.m., Saturn in conjunction with the Moon; 9th, 4h. 13m. a.m., Venus in Aphelion; 13th, 7h. 7m. a.m., Jupiter in conjunction with the Moon, Jupiter 5 deg. 14 min. south; 13th, 10h. 52m. p.m., Mars in conjunction with the Moon, Mars 5 deg. 58 min. south; 15th, 4h. 30min. a.m., Mercury in conjunction with the Moon, Mercury 6 deg. 35 min. south; 15th, 8h. 12m. p.m., Venus in conjunction with the Moon, Venus 5 deg. 22 min. south; 15th, 8h. Saturn stationary; 23rd, 4h. 53m. p.m., Venus at greatest heliocentric latitude south; 24th, 2h. 17m. p.m., Uranus in conjunction with the Moon, Uranus 5 deg. 20 min. north; 26th, 0h. 48m. p.m., Venus in superior conjunction with the Sun.

FARMING OPERATIONS.

Have everything in good order, ready for the work of harvest. Carts, harness, forks, materials for stack bottoms, some wheat straw ready to cover up stacks in rainy weather, if you have no cloths. Harvest time is not the opulent farmer's threshing time. Cut wheat for every purpose before it is dead ripe, also oats and peas; but barley requires to stand till fully ripe, if the best malt is to be produced. Beans must be taken up early as respects ripeness. Be careful in preserving the stacks of all kinds from injury by weather; build them neatly and thatch them well.

MARCH—XXXI DAYS.

PHASES OF THE MOON.

Full Moon D. H. M. 1 11 23 p.m.
 Last Quarter 10 3 23 a.m.
 New Moon 17 9 7 a.m.
 Apogee, 7d. 7h. a.m.
 First Quarter D. H. M. 24 0 33 a.m.
 Full Moon 31 4 2 p.m.
 Perigee, 19d. 3h. a.m.

DAYS.	REMARKABLE DAYS.	SUN'S AP-PARENT DE-CLINATION.			EQUATION OF TIME.			MOON'S AGE AT NOON.		MOON'S MERIDIAN PASSAGE.		MEAN TIME CORRECTED.		DAYS.
		°	'	"	M.	S.	D.	H.M.	Mean Time.	Sun Rises.	Sun Sets.			
1 Th	St. David's Day	7	44	9	12	39-25	13	—	5	44	6 38	1		
2 F	Wesley died, 1791	7	21	58	12	27-80	14	0 7 a.m.	5	45	6 37	2		
3 Sat		6	59	4	12	16-65	15	0 54	5	47	6 36	3		
4 S	Third Sunday in Lent	6	36	5	12	3-43	16	1 38	5	48	6 34	4		
5 M		6	13	0	11	50-20	17	2 22	5	49	6 32	5		
6 T	Taranaki War began, 1860	5	49	50	11	35-98	18	3 6	5	51	6 31	6		
7 W		5	26	36	11	21-88	19	3 50	5	53	6 29	7		
8 Th	Lucknow besieged by Campbell, 1858	5	3	16	11	7-39	20	4 36	5	54	6 27	8		
9 F	Siege of Lucknow, 1858	4	39	53	10	52-03	21	5 23	5	55	6 25	9		
10 Sat	Kororarika destroyed, 1845	4	16	23	10	36-81	22	6 10	5	56	6 24	10		
11 S	Fourth Sunday in Lent	3	52	55	10	20-75	23	6 59	5	57	6 22	11		
12 M	Anglo-Franco-Turkish Treaty, 1854	3	29	21	10	4-87	24	7 50	5	58	6 20	12		
13 T		3	5	47	9	48-70	25	8 41	5	59	6 18	13		
14 W		2	42	9	9	31-75	26	9 33	6	0	6 17	14		
15 Th		2	18	30	9	15-03	27	10 26	6	1	6 16	15		
16 F	Prince Imperial born, 1856	1	54	49	8	58-07	28	11 20	6	2	6 14	16		
17 Sat	St. Patrick's Day	1	30	8	8	40-88	0	0 14 p.m.	6	3	6 12	17		
18 S	Fifth Sunday in Lent. Princess Louisa	1	7	26	8	23-08	1	1 9	6	4	6 10	18		
19 M	[born, 1848	0	43	43	8	5-49	2	2 3	6	5	6 9	19		
20 T		0	20	1	7	47-71	3	3 0	6	6	6 8	20		
21 W	Cranmer burnt, 1556	0	3	41	7	29-77	4	3 58	6	7	6 7	21		
22 Th	Anniversary of Otago	0	27	12	7	11-70	5	4 55	6	8	6 6	22		
23 F		0	51	2	6	53-50	6	5 52	6	9	6 5	23		
24 Sat	Queen Elizabeth died, 1603	1	14	39	6	35-18	7	6 47	6	10	6 4	24		
25 S	Palm Sunday. Annunciation, Lady	1	38	16	6	16-78	8	7 41	6	11	6 2	25		
26 M	[Day	2	1	48	5	57-81	9	8 32	6	12	6 0	26		
27 T	Russian War commenced, 1854	2	25	19	5	39-29	10	9 19	6	13	5 58	27		
28 W	Battle of Waireka, 1860	2	48	47	5	20-73	11	10 6	6	14	5 57	28		
29 Th	La Trobe appointed Lieut.-Governor	3	12	11	5	2-17	12	10 51	6	15	5 56	29		
30 F	Good Friday [Victoria, 1861	3	35	34	4	43-64	13	11 35	6	16	5 54	30		
31 Sat	Taranaki and Southland Anniversary	3	58	46	4	25-16	14	—	6	17	5 52	31		

PHENOMENA FOR THE MONTH.

MARCH.—1st, 8h. 24m. p.m., Mercury in superior conjunction with the Sun; 2nd, 11h. 7m. p.m., Mercury in conjunction with Venus; 3rd, 4h. 57m. p.m., Venus at greatest heliocentric latitude south; 7th, 1h. 20m. a.m., Saturn in conjunction with the Moon, Saturn 0 deg. 5 min. south; 8th, 9h. 57m. p.m., Uranus stationary; 13th, 3h. 26m. a.m., Jupiter in conjunction with the Moon, Jupiter 5 deg. 20 min. south; 14th, 4h. 47m. p.m., Mercury in ascending node; 15th, 1h. 18m. a.m., Mars in conjunction with the Moon, Mars 5 deg. 25 min. south; 17th, 7h. 8m. p.m., Venus in conjunction with the Moon, Venus 2 deg. 25 min. south; 18th, 10h. 51m. p.m., Mercury in conjunction with the Moon, Mercury 0 deg. 50 min. north; 19th, 6h. 40m. a.m., Mercury in Perihelion; 21st, 6h. 27m. a.m., Uranus in quadrature with the Sun; 21st, 7h. 26m. a.m., Sun enters Aries; 23rd, 7h. 52m. p.m., Uranus in conjunction with the Moon, Uranus 5 deg. 26 min. north; 27th, 3h. 4m. a.m., Mercury at greatest elongation, Mercury 18 deg. 41 min. east; 29th, 2h. 33m. p.m., Mercury at greatest heliocentric latitude north.

FARMING OPERATIONS.

Sow tares (vetches)—the winter variety, for it always produces half as much again as the spring seed—two-and-a-half bushels of tares and half a bushel of wheat or oats per acre. If land is to be laid down for permanent pasture, be careful that it has been thoroughly tilled, and has a fine tilth earth to receive the seed. For seed, about a bushel of perennial rye-grass, three or four pounds of white clover, and one or two pounds of cow-grass will produce a plant for a year or two; but for permanence and the fully planting of the land several varieties of the true grasses will be required, comprising some of the poas, fescues, &c., &c.