

FEBRUARY—XXIX DAYS.

PHASES OF THE MOON.

	D. H. M.		D. H. M.
First Quarter	2 5 46 a.m.	Last Quarter	15 8 47 p.m.
Full Moon	8 9 6 p.m.	New Moon	24 1 51 a.m.
Perigee, 8d. 2h. a.m.		Apogee, 20d. 2h. p.m.	

DAYS.	REMARKABLE DAYS.	SUN'S AP- PARENT DE- CLINATION.	EQUATION OF TIME. ADD TO APPARENT TIME.	MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE. — Meantime.	MEAN TIME CORRECTED.		DAYS.
						Sun Rises.	Sun Sets.	
		° ' "	M. S.	H. M.	H. M.	H. M.	H. M.	
1 Sat	Revision of Jury Lists	s17 20 28	13 43-97	7	5 36p.m.	5 4 7 22	1	
2 S	Fourth Sunday after Epiphany.	17 3 31	13 51-08	8	6 26	5 6 7 21	2	
3 M	[1860	16 46 19	13 59-24	9	7 20	5 7 7 20	3	
4 T	Congress of Confederate States met	16 29 15	14 5-85	10	8 17	5 9 7 19	4	
5 W	Treaty of Waitangi, 1840	16 10 52	14 11-18	11	9 18	5 10 7 18	5	
6 Th	Victoria Cross instituted	15 52 41	14 16-67	12	10 19	5 11 7 17	6	
7 F	All Eng. Eleven arr. in Chch., 1864	15 34 23	14 20-33	13	11 21	5 13 7 15	7	
8 Sat	Peter the Great died, 1725	15 15 43	14 23-64	14	—	5 14 7 14	8	
9 S	Septuagesima Sunday.	14 57 0	14 26-16	15	0 20a.m.	5 15 7 13	9	
10 M	Queen Victoria married	14 37 37	14 27-94	16	1 19	5 17 7 11	10	
11 T		14 18 12	14 28-44	17	2 15	5 18 7 10	11	
12 W	Gold discovered in N.S.W., 1851	13 58 36	14 28-31	18	3 5	5 19 7 9	12	
13 Th		13 38 41	14 28-19	19	3 55	5 20 7 8	13	
14 F	Captain Cook killed, 1799	13 18 34	14 26-95	20	4 43	5 22 7 6	14	
15 Sat	National debt Gt. Britain com., 1690	12 58 16	14 24-49	21	5 31	5 23 7 5	15	
16 S	Sexagesima Sunday.	12 37 42	14 21-77	22	6 20	5 25 7 4	16	
17 M		12 16 56	14 18-36	23	7 8	5 26 7 2	17	
18 T		11 56 4	14 14-03	24	7 55	5 28 7 0	18	
19 W	Hobarton founded, 1804	11 34 54	14 9-07	25	8 43	5 29 6 59	19	
20 Th	Surveyors obstructed at Taranaki, 1860	11 13 40	14 3-66	26	9 30	5 31 6 57	20	
21 F		10 52 9	13 57-09	27	10 17	5 32 6 56	21	
22 Sat	Procl. Martial Law at Taranaki, 1860	10 30 31	13 50-33	28	11 3	5 34 6 54	22	
23 S	Quinquagesima Sunday. Shrove Sun-	10 8 43	13 42-49	29	11 48	5 35 6 52	23	
24 M	[day.	9 46 46	13 34-98	0	0 33	5 37 6 50	24	
25 T	Buonaparte left Elba, 1815	9 24 40	13 25-91	1	1 18	5 38 6 49	25	
26 W	Ash Wednesday.	9 2 20	13 16-75	2	2 2	5 39 6 47	26	
27 Th	British Bank trials, 1858	8 39 58	13 6-05	3	2 48	5 41 6 46	27	
28 F	First sittings of Supreme Court at	8 18 29	12 56-19	4	3 34	5 42 6 45	28	
29 Sat	[Auckland, 1840	7 54 48	12 44-83	5	4 23	5 43 6 43	29	

PHENOMENA FOR THE MONTH.

FEBRUARY.—6th, 7h. 7m. a.m., Uranus in conjunction with the Moon—Uranus 4 deg. 43 min. north; 16th, 10h. 56m. a.m., Mercury in ascending node; 16th, 1h. 8m. p.m., Saturn in conjunction with the Moon—Saturn 3 deg. 22 min. south; 18th, 5h. 12m. a.m., Mercury in conjunction with Jupiter—Mercury 1 deg. 33 min. north; 21st, 0h. 44m. a.m., Mercury in Perihelion; 21st, 9h. 12m. p.m., Mercury at greatest elongation, 18 deg. 5 min. east; 23rd, 1h. 11m. a.m., Mars in conjunction with the Moon—Mars 2 deg. 25 min. south; 23rd, Sun eclipsed, invisible in New Zealand; 25th, 2h. 27m. a.m., Jupiter in conjunction with the Moon—Jupiter 0 deg. 3 min north; 25th, 4h. 1m. a.m., Saturn in quadrature with the Sun; 25th, 11h. 27m. a.m., Mercury in conjunction with the Moon—Mercury 4 deg. 0 min north; 27th, 3h. 46m. a.m., Venus in conjunction with the Moon—Venus 3 deg. 11 min. north; 28th, 2h. 23m. a.m., Mercury stationary.

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.

	D. H. M.		D. H. M.
First Quarter	2 4 19 p.m.	Last Quarter	16 2 59 p.m.
Full Moon	9 7 53 a.m.	New Moon	24 6 30 p.m.
		First Quarter	31 11 56 p.m.
Perigee, 7d. 11h. a.m.		Apogee, 19d. 8h. a.m.	

DAYS.	REMARKABLE DAYS.	SUN'S AP- PARENT DE- CLINATION.	EQUATION OF TIME. ADD TO APPARENT TIME.	MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE. — Meantime.	MEAN TIME CORRECTED.		DAYS.
						Sun Rises.	Sun Sets.	
		° ' "	M. S.	H. M.	H. M.	H. M.	H. M.	
1 S	[day—First Sunday in Lent.	s 7 32 8	12 33-44	6	5 14p.m.	5 45 6 41	1	
2 M	St. David's Day. Quadragesima Sun-	7 9 3	12 21-04	7	6 9	5 47 6 39	2	
3 T	Emperor Nicholas died, 1855	6 46 17	12 8-58	8	7 6	5 48 6 38	3	
4 W	Britannia Bridge opened, 1850	6 23 16	11 55-64	9	8 4	5 49 6 36	4	
5 Th		6 0 6	11 41-35	10	9 4	5 50 6 34	5	
6 F		5 36 51	11 28-02	11	10 3	5 51 6 33	6	
7 Sat	France dec. war against Spain, 1793	5 13 37	11 12-82	12	11 0	5 52 6 31	7	
8 S	Second Sunday in Lent.	4 50 19	10 58-22	13	11 56	5 53 6 30	8	
9 M	Siege of Lucknow, 1858	4 26 52	10 43-25	14	—	5 54 6 28	9	
10 T	Kororarika destroyed, 1845	4 3 22	10 27-44	15	0 49a.m.	5 56 6 27	10	
11 W		3 39 53	10 11-32	16	1 42	5 57 6 25	11	
12 Th	Anglo-Franco-Turkish Treaty, 1854	3 16 18	9 54-91	17	2 32	5 59 6 23	12	
13 F		2 52 40	9 38-68	18	3 22	6 0 6 21	13	
14 Sat		2 29 4	9 21-75	19	4 11	6 1 6 19	14	
15 S	Third Sunday in Lent.	2 5 24	9 4-60	20	5 0	6 2 6 17	15	
16 M	Duchess of Kent died, 1861	1 41 42	8 47-25	21	5 49	6 3 6 15	16	
17 T	St. Patrick's Day.	1 18 1	8 30-17	22	6 37	6 4 6 13	17	
18 W	Princess Louisa born, 1848	0 54 18	8 12-47	23	7 25	6 5 6 11	18	
19 Th		0 30 27	7 54-17	24	8 12	6 6 6 9	19	
20 F	Duc D'Enghien shot, 1804	0 7 14	7 36-64	25	8 59	6 7 6 7	20	
21 Sat	Southey died, 1843	N 0 16 45	7 18-54	26	9 44	6 8 6 5	21	
22 S	Fourth Sunday in Lent.	0 40 25	7 0-35	27	10 29	6 9 6 3	22	
23 M		1 4 5	6 42-09	28	11 14	6 10 6 1	23	
24 T		1 27 41	6 23-78	0	11 59	6 12 6 0	24	
25 W	Annunciation. Lady Day.	1 51 16	6 5-42	1	0 45p.m.	6 13 5 58	25	
26 Th	[Taranaki	2 14 48	5 47-04	2	1 32	6 14 5 57	26	
27 F	Ford, Passmore, Shaw, murdered at	2 37 19	5 28-65	3	2 20	6 15 5 56	27	
28 Sat	War declared with Russia, 1854	3 1 44	5 10-29	4	3 11	6 16 5 54	28	
29 S	Fifth Sunday in Lent.	3 25 7	4 51-94	5	4 5	6 17 5 52	29	
30 M		3 48 26	4 33-63	6	5 1	6 18 5 50	30	
31 T	Taranaki and Southland Anniversary	4 11 40	4 15-39	7	5 57	6 19 5 48	31	

PHENOMENA FOR THE MONTH.

MARCH—2nd, 8h. 36m. a.m., Mercury heliocentric latitude north; 3rd, 2h. 10m. a.m., Venus in ascending node; 3rd, 11h. 31m. a.m., Mars greatest heliocentric latitude south; 4th, 2h. 44m. p.m., Uranus in conjunction with the Moon—Uranus 4 deg. 46 min. north; 5th, 4h. 50m. p.m., Mercury in conjunction with Jupiter—Mercury 5 deg. 6 min. north; 8th, 9h. 52m. p.m., Mercury in inferior conjunction with the Sun; 11th, 3h. 40m. a.m., Jupiter in conjunction with the Sun; 14th, 10h. 35m. p.m., Saturn in conjunction with the Moon—Saturn 3 deg. 16 min. south; 15th, 0h. 5m. p.m., Saturn stationary; 17th, 6h. 31m. a.m., Uranus stationary; 17th, 3h. 43m. p.m., Mercury in conjunction with Mars—Mercury 3 deg. 21 min. north; 20th, 7h. 14m. p.m., Sun enters Aries; 21st, 7h. 43m. p.m., Mercury stationary; 22nd, 7h. 11m. p.m., Mercury in conjunction with the Moon—Mercury 1 deg. 13 min. north; 23rd, 4h. 39m. a.m., Mars in conjunction with the Moon—Mars 0 deg. 16 min. south; 23rd, 10h. p.m., Jupiter in conjunction with the Moon—Jupiter 0 deg. 39 min. north; 25th, 8h. 9m. p.m., Mercury in descending node; 27th, 8h. 24m. a.m., Mars in Perihelion; 28th, 1h. 28m. a.m., Venus in conjunction with the Moon—Venus 6 deg. 46 min. north; 29th, 7h. 23m. p.m., Venus in quadrature with the Sun; 31st, 8h. 51m. p.m., Uranus in conjunction with the Moon—Uranus 4 deg. 39 min. 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 pois, fescues, &c.