

APRIL—XXX DAYS.

PHASES OF THE MOON.

	D. H. M.		D. H. M.
First Quarter.	4 0 51 p.m.	Last Quarter.	20 10 52 a.m.
Full Moon . . .	11 4 0 p.m.	New Moon . . .	26 1 45 a.m.
Apogee, 9d. 3h. p.m.		Perigee, 24d. 9h. p.m.	

DAYS.	REMARKABLE DAYS.	SUN'S AP- PARENT DE- CLINATION.		EQUATION OF TIME. ADD TO		MOON'S AGE AT NOON.		MOON'S MERIDIAN PASSAGE.		MEAN TIME CORRECTED.		DAYS.
		°	'	M. S.	D.	H. M.	H. M.	H. M.	H. M.	Sun Rises.	Sun Sets.	
1 Sat		N 4	28 6	4	3.90	4	4 34p.m.	6	24	5 48	1	
2 S	<i>Fifth Sunday in Lent</i>	4	51 17	3	54.93	5	5 28	6	25	5 46	2	
3 M		5	14 18	3	36.91	6	6 20	6	26	5 44	3	
4 T	Thansi taken. by Sir H. Rose, 1858	5	37 14	3	9.10	7	7 9	6	27	5 43	4	
5 W	Nap. L. ab., 1814. Quar. licen. day.	6	0 3	2	51.26	8	7 56	6	29	5 41	5	
6 Th.	Old Lady-day	6	22 47	2	33.66	9	8 40	6	30	5 40	6	
7 F		6	45 23	2	16.25	10	9 23	6	31	5 39	7	
8 Sat	Gt. Ganges canal opened, 1864	7	7 53	1	59.30	11	10 6	6	32	5 37	8	
9 S	<i>Palm Sunday</i>	7	30 16	1	42.40	12	10 48	6	33	5 36	9	
10 M	Chart. demon. in London, 1848	7	52 30	1	25.30	13	11 30	6	34	5 34	10	
11 T		8	14 37	1	8.82	14		6	35	5 32	11	
12 W		8	36 36	0	52.63	15	0 14a.m.	6	36	5 30	12	
13 Th.	Roman Cath. relief bill passed, 1829	8	58 29	0	36.74	16	0 58	6	37	5 29	13	
14 F	<i>Good Friday</i>	9	20 8	0	21.18	17	1 45	6	38	5 27	14	
15 Sat		9	41 40	+	7.20	18	2 33	6	39	5 25	15	
16 S	<i>Easter Sunday.</i> 1st Ind. rlwy. op., '53	10	3 2	-	8.91	19	3 24	6	40	5 23	16	
17 M	Easter Monday. B. Franklyn d., 1790	10	24 15	0	23.39	20	4 15	6	41	5 21	17	
18 T	Easter Tuesday.	10	45 17	0	37.47	21	5 7	6	42	5 19	18	
19 W	L. Byron d., 1824	11	6 9	0	51.14	22	6 0	6	43	5 17	19	
20 Th.	Pastoral rents begin to be payable	11	26 51	1	4.39	23	6 53	6	44	5 16	20	
21 F	Candahar oc. by the British, 1839	11	47 21	1	17.20	24	7 46	6	45	5 14	21	
22 Sat	Bombardment of Odessa, 1854	12	7 39	1	29.55	25	8 39	6	46	5 12	22	
23 S	<i>First Sun. after Easter.</i> Shakspeare	12	27 41	1	41.44	26	9 33	6	47	5 11	23	
24 M	[born, 1564]	12	47 40	1	47.87	27	10 28	6	48	5 9	24	
25 T	<i>St. Mark, Evangelist.</i>	13	7 21	2	3.81	28	11 25	6	49	5 8	25	
26 W	Oliver Cromwell born, 1599	13	26 50	2	14.27	0	0 22p.m.	6	50	5 6	26	
27 Th.		13	46 6	2	24.23	1	1 21	6	51	5 5	27	
28 F	Mutiny of the Bounty, 1787.	14	5 8	2	33.69	2	2 19	6	52	5 3	28	
29 Sat	Peace proclaimed in London, 1856	14	23 51	2	42.66	3	3 16	6	53	5 2	29	
30 S	<i>Second Sunday after Easter</i>	N 14	42 30	2	51.12	4	4 11	6	54	5 0	30	

PHENOMENA FOR THE MONTH.

APRIL 1st—9h. 37m. a.m., Mercury in perihelion; 2nd, 4h. 28m. a.m., Uranus in conjunction with the Moon; 2nd, 2h. 13m. p.m., Mars in conjunction with the Moon; 3rd, Venus at greatest brilliancy; 11th, Moon eclipsed, invisible in New Zealand; 11th, 5h. 37m. p.m., Mercury in greatest heliocentric latitude, north; 12th, 6h. 33m. a.m., Saturn in conjunction with the Moon; 15th, 6h. 24m. a.m., Mercury at greatest elongation; 15th, 8h. 37m. p.m., Jupiter stationary; 17th, 4h. 5m. a.m., Venus stationary; 17th, 4h. 27m., Jupiter in conjunction with the Moon; 23rd, 1h. 35m. p.m., Mercury stationary; 26th, Sun eclipsed, invisible in New Zealand; 26th, 6h. 17m. p.m., Mercury in conjunction with the Moon; 27th, 1h. 57m. a.m., Mars at greatest heliocentric latitude north; 27th 4h. 9m. a.m., Venus in conjunction with the Moon. 29th, 3h. 21m. p.m., Saturn in conjunction with the Moon.

FARMING OPERATIONS.

Take up and secure the potatoe crops as they become ripe. If it can be spared, it will be found to answer for feed in the spring if a field of grass land could now be shut up not to feed off till July. The ploughing up and tillage of the land should be now strictly attended to; not only on unimproved land, but on the stubble land of the farm, there is much work for the plough. Unless proper and constant attention be given to the preparation of the soil, it will return the farmer no remunerating crops.

MAY—XXXI DAYS.

PHASES OF THE MOON.

	D. H. M.		D. H. M.
First Quarter.	3 3 36 a.m.	Last Quarter.	18 6 11 p.m.
Full Moon . . .	11 7 55 a.m.	New Moon . . .	25 10 21 p.m.
Apogee, 7d. 3h. a.m.		Perigee, 22d. 11h. 32m. p.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.	H. M.	H. M.	H. M.	Sun Rises.	Sun Sets.	
1 M	1st Gt. Ex. op., '51. D. of Wel. b., 1769	N 15	0 51	2	59.08	5	5 2 p.m.	6	55	4 58	1	
2 T	Foun. stone of Pres. Ch. in Lyt. ld., '64	15	18 54	3	6.48	6	5 51	6	56	4 57	2	
3 W	N. Z. independent of N. S. W., 1841	15	36 43	3	13.39	7	6 37	6	57	4 56	3	
4 Th	Clocks in., 1368. L. fire in Ch. Ch. '64	15	54 17	3	19.68	8	7 20	6	58	4 55	4	
5 F	Rangoon taken by the British, 1824	16	11 35	3	25.63	9	8 3	6	59	4 53	5	
6 Sat		16	28 37	3	30.93	10	8 46	7	0	4 51	6	
7 S	<i>Third Sunday after Easter</i>	16	45 22	3	35.17	11	9 28	7	1	4 49	7	
8 M	First savings bank instituted, 1815	17	1 51	3	39.87	12	10 11	7	2	4 48	8	
9 T		17	18 2	3	43.51	13	10 55	7	3	4 46	9	
10 W	Delhi seized by the mutineers, 1857	17	33 57	3	46.56	14	11 41	7	4	4 45	10	
11 Th	Death of Chatham, 1778	17	49 34	3	49.05	15		7	6	4 44	11	
12 F	Sir Charles Barry died, 1860	18	4 54	3	50.91	16	0 30a.m.	7	7	4 43	12	
13 Sat	Vaccination first applied, 1796	18	19 54	3	52.30	17	1 20	7	8	4 42	13	
14 S	<i>Fourth Sunday after Easter</i>	18	34 36	3	53.05	18	2 12	7	9	4 41	14	
15 M	Melbourne Founded, 1837	18	49 0	3	53.04	19	3 4	7	10	4 40	15	
16 T		19	3 4	3	52.55	20	3 56	7	11	4 39	16	
17 W	Battle of Culloden, 1746	19	16 50	3	51.78	21	4 49	7	12	4 38	17	
18 Th	War dec. against Buonaparte, 1803	19	30 16	3	50.41	22	5 41	7	13	4 37	18	
19 F	Naval battle off La Hogue, 1692	19	43 22	3	48.06	23	6 27	7	14	4 36	19	
20 Sat	Colombus died, 1506	19	56 8	3	45.33	24	7 24	7	15	4 35	20	
21 S	<i>Rogation Sunday</i>	20	8 34	3	42.02	25	8 16	7	16	4 35	21	
22 M	Alliance b. Austria and Rusia, 1746	20	20 39	3	38.16	26	9 10	7	17	4 34	22	
23 T	[Victoria born, 1819]	20	32 23	3	33.49	27	10 6	7	18	4 33	23	
24 W	Irish rebel. commenced, 1798. Queen	20	43 46	3	28.79	28	11 3	7	19	4 32	24	
25 Th	<i>Ascension day.</i> Holy Thursday	20	54 48	3	23.31	29	0 2p.m.	7	20	4 31	25	
26 F	Carthage taken by the French 1697	21	5 29	3	17.34	0	1 0	7	21	4 30	26	
27 Sat	The year 1282 of Mahom. era com.	21	15 48	3	10.88	1	1 57	7	22	4 30	27	
28 S	<i>Sunday after Ascension day</i>	21	25 45	3	3.96	2	2 51	7	23	4 29	28	
29 M	Restoration of K. Chas. II. Roman	21	35 19	2	56.39	3	3 42	7	24	4 29	29	
30 T	[Cath. Church in Ch. Ch. op. 1864]	21	44 31	2	48.79	4	4 31	7	25	4 28	30	
31 W	Rubens died, 1640.	N 21	53 23	2	40.56	5	5 16	7	26	4 28	31	

PHENOMENA FOR THE MONTH.

MAY 1st—4h. 25m. a.m., Mars in conjunction with the Moon; 3rd, 10h. 32m., Mercury in inf. conjunction with the Sun; 8th, 1h. 20m. p.m., Venus in inf. conjunction with the Sun; 9th, 9h. 13m. a.m., Saturn in conjunction with the Moon; 14th, 7h. 40m. Jupiter in conjunction with the Moon; 15th, 9h. 17m. Mercury in Aphelion; 16th, 4h. 52m. Mercury stationary; 22nd, 1h. 43m. p.m., Mercury in conjunction with Venus; 23rd, 6h. 26m. p.m., Venus in conjunction with the Moon; 23rd, 7h. 45m. p.m., Mercury in conjunction with the Moon; 27th, 3h. 50m., Uranus in conjunction with the Moon; 28th, 7h. 32m. a.m., Venus stationary; 29th, 9h. 12m. p.m., Mars in conjunction with the Moon; 31st, 1h. 57m., Mercury at greatest elongation; 31st, 10h. 41m. p.m., Mars in Aphelion.

FARMING OPERATIONS.

Take up and store mangolds, carrots, and parsnips—the first in ridges, five or six feet wide at bottom and about four feet high, well covered from the wet; the other roots the same, or in sand if for the table. White turnips and swedes to be taken from the ground as wanted; well-used roots will give us milk and butter and good beef and mutton. Commence wheat sowing; the wetter lands first, but clear out all the furrows and ditches. Make new fences, and take care that the ditches be dug straight. White thorn produces the best permanent fence; the young quick should be planted six inches apart. Furze or gorse will make a good fence for a few years, and is more quickly raised.