

APRIL—XXX DAYS.

PHASES OF THE MOON.

	D. H. M.		D. H. M.
Last Quarter	8 8 12 p.m.	First Quarter	22 10 2 a.m.
New Moon	15 6 34 p.m.	Full Moon	30 8 54 a.m.
Apogee, 3h. 4m. p.m.	Perigee, 16d. 9h. a.m.	Apogee, 30d. 9h. p.m.	

DAYS.	REMARKABLE DAYS.	SUN'S AP-PARENT DE-CLINATION.	EQUATION OF TIME, ADD TO SUBT. FROM APPARENT TIME.	MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE.	MEAN TIME CORRECTED.	DAYS.	
							Mean Time.	Sun Rises. Sun Sets.
1 S	Easter Sunday	N 4 21 51	4 674	15	H. M.	H. M.		
2 M	Battle of the Baltic, 1801	4 45 6	3 48 91	16	1 2	6 19	5 50	1
3 T	Quart. Pub. Lic. Meeting	5 8 8	3 30 69	17	1 46	6 20	5 46	3
4 W	Oliver Goldsmith died, 1774	5 30 41	3 12 61	18	2 31	6 21	5 44	4
5 Th	British Museum instituted, 1753	5 53 56	2 54 69	19	3 18	6 22	5 42	5
6 F	Storming of Badajos, 1812	6 16 41	2 36 96	20	4 4	6 23	5 40	6
7 Sat	Prince Leopold born, 1853	6 39 20	2 19 41	21	4 52	6 24	5 39	7
8 S	First Sunday aft. Easter. Low Sun.	7 1 46	2 2 53	22	5 41	6 26	5 37	8
9 M		7 24 17	1 45 45	23	6 31	6 27	5 35	9
10 T		7 46 34	1 29 07	24	7 21	6 28	5 33	10
11 W	Peace of Utrecht, 1713	8 8 43	1 12 06	25	8 12	6 29	5 31	11
12 Th		8 30 45	0 56 24	26	9 4	6 31	5 29	12
13 F	Sir G. C. Lewis died, 1863	8 52 39	0 40 77	27	9 57	6 32	5 28	13
14 Sat	Princess Beatrice born, 1857	9 14 23	0 25 12	28	10 50	6 33	5 27	14
15 S	Second Sunday after Easter	9 35 58	+ 9 81	29	11 46	6 34	5 26	15
16 M	First encampment of Volunteers in [Canterbury, 1865	9 57 24	- 5 12	0	0 42 p.m.	6 35	5 24	16
17 T		10 18 40	0 19 30	1	1 43	6 36	5 22	17
18 W	Peace with Russia proclaimed, 1856	10 39 46	0 33 55	2	2 43	6 38	5 21	18
19 Th	N. Z. Gazette, pub. Wellington, 1840	11 0 41	0 47 43	3	3 42	6 39	5 19	19
20 F	Louis Napoleon born, 1808	11 21 24	1 0 48	4	4 41	6 40	5 17	20
21 Sat		11 42 58	1 13 59	5	5 36	6 41	5 15	21
22 S	Third Sunday after Easter [Day	12 2 19	1 25 84	6	6 28	6 43	5 14	22
23 M	Shakespeare born, 1616. St. George's [born, 1843	12 22 28	1 38 13	7	7 18	6 44	5 12	23
24 T		12 42 20	1 49 49	8	8 5	6 45	5 11	24
25 W	St. Mark, Evangelist. Princess Alice [Oliver Cromwell born, 1559 [1856	13 2 10	2 0 90	9	8 50	6 46	5 10	25
26 Th	Great Fire at Wellington (Te Aro), Cook landed at Botany Bay, 1770	13 21 40	2 11 86	10	9 33	6 47	5 8	26
27 F		13 41 1	2 21 26	11	10 16	6 48	5 7	27
28 Sat		14 0 6	2 31 86	12	11 0	6 50	5 5	28
29 S	Fourth Sunday after Easter	14 18 58	2 40 87	13	11 44	6 51	5 4	29
30 M	Battle of Fontenoy, 1745	14 37 35	2 49 88	14	—	6 52	5 2	30

PHENOMENA FOR THE MONTH.

April—3rd, 5h. 59m. a.m., Saturn in conjunction with the Moon, Saturn 0 deg. 4 min. north; 4th, 40m. p.m., Mercury stationary; 7th, 6h. 36m. a.m., Mercury in conjunction with Venus, Venus 4 deg. 17 min. north; 9th, 7h. 47m. p.m., Jupiter in conjunction with the Moon, Jupiter 5 deg. 21 min. south; 13th, 1h. 33m. a.m., Mars in conjunction with the Moon, Mars 3 deg. 59 min. south; 14th, 5h. 34 min. p.m., Mercury in inferior conjunction with the Sun; 15th, 2h. 13m. p.m., Mercury in conjunction with the Moon, Mercury 2 deg. 57 min. north; 16th, 11h. 31m. a.m., Mars in greatest heliocentric latitude south; 16th, 2h. 25m. p.m., Venus in conjunction with the Moon, Venus 1 deg. north; 20th, 4h. 17m. a.m., Uranus in conjunction with the Moon, Uranus 5 deg. 26 min. descending node; 27th, 2h. 10m. a.m., Mercury stationary; 28th, 11h. 54m. p.m., Venus in ascending node; 30th, 2h. 1m. a.m., Saturn in opposition to the Sun; 30th, 8h. 29m. a.m., Saturn in conjunction with the Moon, Saturn 0 deg. 16 min. north.

FARMING OPERATIONS.

Take up and secure the potato 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.
Last Quarter	8 9 12 a.m.	First Quarter	21 9 28 p.m.
New Moon	15 2 29 a.m.	Full Moon	30 0 48 p.m.
Perigee, 14d. 8h. p.m.	Apogee, 28d. 0h. a.m.		

DAYS.	REMARKABLE DAYS.	SUN'S AP-PARENT DE-CLINATION.	EQUATION OF TIME. SUBT. FROM APPARENT TIME.	MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE.	MEAN TIME CORRECTED.	DAYS.	
							Mean Time.	Sun Rises. Sun Sets.
1 T	Ann. Pub. Lic. Meeting	N 14 55 8	2 57 85	15	0 29 a.m.	6 53	5 1	1
2 W	French-Austrian War began, 1859	15 14 6	3 5 78	16	1 14	6 54	4 59	2
3 Th	Garibaldi landed at Southampton [1864	15 31 3	3 12 73	17	2 1	6 55	4 58	3
4 F		15 49 35	3 19 58	18	2 49	6 57	4 57	4
5 Sat		16 6 59	3 25 41	19	3 37	6 58	4 56	5
6 S	Rogation Sunday	16 24 4	3 30 62	20	4 25	6 59	4 55	6
7 M		16 40 49	3 35 75	21	5 15	7 0	4 54	7
8 T	First Savings Bk. op. in Eng., 1815	16 57 27	3 39 79	22	6 4	7 1	4 52	8
9 W		17 13 43	3 43 76	23	6 54	7 2	4 50	9
10 Th	Ascension Day—Holy Thursday	17 29 43	3 46 69	24	7 44	7 3	4 49	10
11 F	Rangoon taken by British, 1824	17 45 25	3 49 02	25	8 35	7 4	4 48	11
12 Sat		18 0 49	3 51 21	26	9 29	7 5	4 46	12
13 S	Sunday after Ascension Day	18 15 54	3 52 29	27	10 24	7 6	4 45	13
14 M		18 30 43	3 53 30	28	11 23	7 7	4 44	14
15 T		18 45 12	3 53 07	29	0 24 p.m.	7 8	4 43	15
16 W		18 59 22	3 52 57	1	1 25	7 10	4 42	16
17 Th		19 13 13	3 51 59	2	2 26	7 11	4 41	17
18 F	Fall of Duppell, 1864 [Hope, 1849	19 26 44	3 50 07	3	3 24	7 12	4 40	18
19 Sat	Convicts prevented landing C. Good	19 39 56	3 48 13	4	4 20	7 13	4 39	19
20 S	Pentecost, Whit-Sunday	19 52 48	3 45 43	5	5 12	7 14	4 38	20
21 M		20 5 19	3 42 54	6	6 1	7 15	4 37	21
22 T		20 17 30	3 38 68	7	6 47	7 16	4 36	22
23 W	Battle of Ramilie, 1706	20 29 20	3 34 75	8	7 32	7 17	4 35	23
24 Th	Birth of Queen Victoria, 1819	20 40 48	3 29 81	9	8 15	7 18	4 34	24
25 F	Princess Helena born, 1846	20 51 56	3 24 52	10	8 58	7 19	4 33	25
26 Sat		21 2 42	3 18 93	11	9 42	7 20	4 32	26
27 S	Trinity Sunday	21 13 6	3 13 01	12	10 26	7 21	4 31	27
28 M	Garibaldi std. from Falmouth, 1864	21 23 8	3 6 17	13	11 12	7 22	4 30	28
29 T	Unsuccessful assault Gate Pah, 1864	21 32 48	2 59 20	14	—	7 23	4 30	29
30 W		21 42 6	2 51 52	15	0 2 a.m.	7 24	4 29	30
31 Th	Corpus Christi	21 51 1	2 43 74	16	0 46	7 25	4 29	31

PHENOMENA FOR THE MONTH.

MAY—2nd, 6h. 19m. a.m., Mercury in Aphelion; 7th, 7h. 18m. a.m., Jupiter in conjunction with the Moon, Jupiter 5 deg. 15 min. south; 10th, 5h. 7m. a.m., Mars in Perihelion; 11th, 1h. 11m. p.m., Mars in conjunction with the Moon, Mars 2 deg. 53 min. south; 12th, 0h. 41m. p.m., Mercury at greatest elongation, Mercury 25 deg. 35 min. west; 13th, 8h. a.m., Mercury in conjunction with the Moon, Mercury 2 deg. south; 16th, 11h. 15m. a.m., Venus in conjunction with the Moon, Venus 5 deg. 23 min. north; 17th, 3h. 44m. p.m., Uranus in conjunction with the Moon, Uranus 5 deg. 21 min. north; 27th, 10h. 42m. a.m., Saturn in conjunction with the Moon; 28th, 11h. 54m. p.m., Venus in conjunction with Uranus, Uranus 1 deg. north.

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.