

JUNE—XXX DAYS.

PHASES OF THE MOON.

	D. H. M.		D. H. M.
First Quarter.	1 7 54 p.m.	Last Quarter.	16 11 25 p.m.
Full Moon	9 9 12 p.m.	New Moon	23 7 29 p.m.
	Apogee, 3d. 8h. p.m.	Perigee, 19d. 3h. a.m.	

DAYS.	REMARKABLE DAYS.	SUN'S AP- ARENT DE- CLINATION.	EQUATION OF TIME, SUBT. FROM		MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE.		MEAN TIME CORRECTED.		DAYS.
			ADD TO. APPARENT TIME.	MOON'S Mean Time.		Sun Rises.	Sun Sets.			
1	Th	First sale of land, Melbourne, 1837	N22 1 47	M S.	D.	H. M.	H. M.	H. M.	1	
2	F		22 9 51	2 22.92	7	6 42	7 27	4 27	2	
3	Sat		22 17 31	2 13.53	8	7 24	7 29	4 27	3	
4	S	Whit Sunday	22 24 48	2 3.78	9	8 7	7 30	4 27	4	
5	M	Slave trade abolished, 1808	22 31 42	1 53.70	10	8 50	7 31	4 26	5	
6	T	[the Mamelon, 1855	22 38 12	1 43.30	11	9 36	7 32	4 26	6	
7	W	Gt. fire in Ch. Ch. 1864. Capture of	22 44 18	1 32.60	12	10 25	7 32	4 26	7	
8	Th	Pitcairn Islanders landed in Norfolk	22 50 0	1 21.60	13	11 14	7 33	4 25	8	
9	F	Island, 1856	22 55 18	1 10.32	14		7 33	4 25	9	
10	Sat	Crystal Palace, Sydenham, op., 1854	23 0 13	0 58.79	15	0 5 a.m.	7 34	4 25	10	
11	S	Trinity Sunday	23 4 42	0 47.03	16		7 34	4 24	11	
12	M	Ghent taken by the French 1745	23 8 48	0 35.04	17	1 52	7 34	4 24	12	
13	T		23 12 29	0 22.84	18	2 45	7 35	4 24	13	
14	W	Battle of Naseby, 1645	23 15 45	- 10.45	19	3 38	7 35	4 23	14	
15	Th	Corpus Christi	23 18 37	+ 2.08	20	4 29	7 36	4 23	15	
16	F	Battle of Quatre Bras and Ligny,	23 21 4	0 14.72	21	5 21	7 36	4 24	16	
17	Sat	Battle of Gemappes, 1815. [1816	23 23 7	0 27.59	22	6 12	7 37	4 24	17	
18	S	First Sun. of Trinity. Battle of	23 24 45	0 40.51	23	7 4	7 37	4 24	18	
19	M	Mag. Ch. signed, 1215. [Waterloo, '15	23 26 58	0 53.50	24	7 57	7 38	4 24	19	
20	T	Accession of Queen Victoria, 1837	23 26 46	1 6.54	25	8 52	7 38	4 24	20	
21	W	Proclamation.	23 27 9	1 19.61	26	9 48	7 38	4 24	21	
22	Th	Shortest day	23 27 8	1 32.69	27	10 46	7 38	4 25	22	
23	F	St. John Baptist. Foun. stone of St.	23 26 42	1 45.74	28	11 13	7 39	4 25	23	
24	Sat	[John's church laid, Ch. Ch., 1864	23 25 51	1 58.72	0	0 38 p.m.	7 39	4 25	24	
25	S	Second Sun. of Trinity. [died, 1860	23 24 35	2 11.61	1	1 31	7 39	4 25	25	
26	M	"King" Potatau (Te Whero Whero)	23 22 54	2 24.38	2	2 21	7 39	4 26	26	
27	T	Attack on Puketa kauere pah, 1860	23 20 49	2 37.03	3	3 9	7 39	4 26	27	
28	W	Coronation of Queen Victoria, 1838	23 18 20	2 49.46	4	3 54	7 39	4 26	28	
29	Th	Lord Raglan died, 1855	23 15 26	3 1.72	5	4 37	7 39	4 27	29	
30	F	Taranaki war broke out, 1860	N23 12 7	3 13.75	6	5 20	7 39	4 27	30	

PHENOMENA FOR THE MONTH.

JUNE 4th—7h. 5m. p.m. Mercury at greatest heliocentric latitude, south; 5th, 1h. 44m. p.m., Saturn in conjunction with the Moon; 10th, 8h. 38m. Jupiter in conjunction with the Moon; 14th, Venus at greatest brilliancy; 15th, 6h. 30m. p.m. Jupiter in opposition to the Sun; 20th, 3h. 20m. p.m., Venus in conjunction with the Moon; 21st, 2h. 44m. p.m., Uranus in conjunction with the Sun; 21st, 11h. 17m. p.m., Sun enters Cancer; 22nd, 11h. 9m. p.m.; Mercury in conjunction with the Moon; 27th, 7h. 1m. p.m., Mercury in conjunction with Uranus; 28th, 3h. 45m. a.m., Saturn stationary; 28th, 8h. 55m., Mercury in Perihelion; 29th, 10h. 28m. a.m., Venus in Aphelion.

FARMING OPERATIONS.

Continue wheat sowing, using two-and-a-half or three bushels of seed per acre if sown broadcast, and two to two-and-a-half bushels if drilled. The richest and best farmed land requires the least seed. Steep the seed in a solution of blue stone, dissolved in warm water, about 4 ozs. to the gallon, enough to cover the seed in steep. Cut small drains to let the water off unlevel pasture lands. Attend to all the fencing, and, as opportunity suits, put every part in good order. Threshing and the delivery of the grain will be attended to as the state of the market dictates.

JULY—XXXI DAYS.

PHASES OF THE MOON.

	D. H. M.		D. H. M.
First Quarter.	1 1 12 p.m.	Last Quarter.	16 3 58 a.m.
Full Moon	9 7 59 a.m.	New Moon	23 6 1 a.m.
	Apogee, 1d. 2h. p.m.	Perigee, 14d. 6h. a.m.	Apogee, 29d. 9h. a.m.

DAYS.	REMARKABLE DAYS.	SUN'S AP- ARENT DE- CLINATION.	EQUATION OF TIME, ADD TO		MOON'S AGE AT NOON.	MOON'S MERIDIAN PASSAGE.		MEAN TIME CORRECTED.		DAYS.
			APPARENT TIME.	MOON'S Mean Time.		Sun Rises.	Sun Sets.			
1	Sat	Battle of the Nile, 1798. [died, 1854	N23 8 24	3 25.54	7	6. 2 p.m.	7 39	4 29	1	
2	S	Third Sun. after Trinity. Sir R. Peel	23 4 17	3 37.06	8	6.46	7 39	4 30	2	
3	M	Louis 18th entered Paris, 1815	22 59 45	3 48.31	9	7.30	7 39	4 31	3	
4	T	American Independence, 1776	22 54 50	3 59.25	10	8.16	7 39	4 32	4	
5	W	Sovereigns first issued, 1542	22 49 30	4 9.86	11	9.05	7 39	4 32	5	
6	Th	Sir Thomas Moore beheaded, 1535	22 43 47	4 20.14	12	9.56	7 38	4 33	6	
7	F	Tuapeka gold field discovered, 1861	22 37 40	4 30.06	13	10.49	7 38	4 33	7	
8	Sat	[lumbus born, 1442	22 31 10	4 39.61	14	11.43	7 38	4 34	8	
9	S	Fourth Sunday after Trinity. Co-	22 24 16	4 48.76	15		7 38	4 34	9	
10	M		22 16 59	4 57.51	16	0.37 a.m.	7 37	4 35	10	
11	T	Battle of Oudenarde, 1708	22 9 19	5 5.74	17	1.32	7 37	4 35	11	
12	W	The Crimea evac. by the allies, 1856	22 1 16	5 13.75	18	2.26	7 36	4 35	12	
13	Th	William Penn died, 1718	21 52 50	5 21.22	19	3.18	7 36	4 36	13	
14	F	Australia discov. by Torres, 1606	21 44 2	5 28.24	20	4.10	7 36	4 36	14	
15	Sat	St. Swithin. R. S. of Eng. es. 1662	21 34 52	5 34.79	21	5. 2	7 35	4 36	15	
16	S	Fifth Sun. of Trin. Allies en. Paris	21 25 19	5 40.87	22	5.54	7 35	4 37	16	
17	M	Cawnpore rlv'd. by Havelock, '57. [15	21 15 24	5 46.47	23	6.48	7 34	4 38	17	
18	T		21 5 8	5 51.67	24	7.42	7 33	4 39	18	
19	W	George IV. crowned, 1821	20 54 30	5 56.17	25	8.38	7 33	4 40	19	
20	Th	Prof. Playfair d., 1819 [Run, 1861	20 43 31	6 0.24	26	9.33	7 32	4 41	20	
21	F	Gibraltar taken, 1704. Bat. of Bull	20 32 17	6 3.77	27	10.28	7 31	4 42	21	
22	Sat	Battle of Salamanca, 1812	20 20 30	6 6.75	28	11.22	7 31	4 43	22	
23	S	Sixth Sunday after Trinity.	20 8 29	6 9.16	0	0.12 p.m.	7 30	4 44	23	
24	M		19 56 8	6 11.00	1	1. 1	7 29	4 45	24	
25	T	St James [Ireland, 1848	19 43 27	6 12.24	2	1.47	7 29	4 46	25	
26	W	Habeas Corpus Act sus. throughout	19 30 26	6 12.89	3	2.32	7 28	4 47	26	
27	Th	Canton op. to the Brit., 1842. French	19 17 6	6 13.00	4	3.15	7 27	4 49	27	
28	F	Battle of Talavera, 1809. [revln. 1830	19 3 26	6 12.38	5	3.57	7 26	4 50	28	
29	Sat	Wilberforce died, 1833	18 48 28	6 11.19	6	4.40	7 25	4 51	29	
30	S	Seventh Sunday after Trinity	18 35 12	6 9.39	7	5.42	7 24	4 52	30	
31	M	Cook sailed, 1st voyage, 1768	N18 20 37	6 6.98	8	6. 9	7 23	4 53	31	

PHENOMENA FOR THE MONTH.

JULY 1st.—5h. 32m. p.m., Sun in Apogee; 2nd, 7h. 32m. a.m., Mercury in superior conjunction with the Sun; 2nd, 8h. 46m. p.m., Saturn in conjunction with the Moon; 7th, 10h. 32m. a.m., Jupiter in conjunction with the Moon; 8th, 4h. 51m. p.m., Mercury at greatest heliocentric latitude, north; 17th, 0h. 34m. a.m., Saturn in quadrature with the Sun; 17th, 8h. 32m., Venus at greatest elongation; 19th, 2h. 1m. p.m., Venus in conjunction with the Moon; 21st, 2h. 34m. a.m., Neptune in conjunction with the Moon; 21st, 0h. 48m. p.m., Venus at greatest heliocentric latitude, south; 25th, 6h. 7m. a.m., Mercury in conjunction with the Moon; 26th, 9h. 19m. a.m., Mars in conjunction with the Moon; 30th, 6m. a.m., Saturn in conjunction with the Moon.

FARMING OPERATIONS.

Carefully remove all obstructions to the passing off of the water in ditches and drains. Sow horse beans in drills from twenty-four to twenty-seven inches apart, or carefully sow and plough them in, in every third furrow; two to three bushels of seed per acre. Sow peas in the same way, but not when the soil is saturated with water. Both beans and peas require horse hoeing. If it can be done, feed cows and cattle at night throughout the winter, in yards well littered. They will make manure for the soil.