

AUGUST—XXXI DAYS.

PHASES OF THE MOON.

		D. H. M.			D. H. M.
Last Quarter		4 6 47 a.m.	First Quarter		18 8 47 a.m.
New Moon		11 2 7 a.m.	Full Moon		26 3 4 p.m.
		Perigee, 6d. 10h. a.m.			Apogee, 18d. 10h. p.m.
		Perigee, 31d. 11h. a.m.			

DAYS.	REMARKABLE DAYS.	SUN'S AP- ARENT DE- CLINATION.	EQUATION OF TIME.		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	W	Lammas Day. Slavery in colonies	18 9 23	6 4 16	19	3 13 a.m.	7 16	4 56	1	
2	Th	[abolished, 1834]	17 54 8	6 0 51	20	4 3	7 15	4 57	2	
3	F	Maj.-Gen. Pratt arrived at Taranaki,	17 38 35	5 56 70	21	4 54	7 14	4 58	3	
4	Sat	[1860]	17 22 45	5 51 81	22	5 48	7 13	4 59	4	
5	S	10th Sunday after Trinity	17 7 37	5 46 43	23	6 43	7 12	5 0 5	5	
6	M		16 50 57	5 40 79	24	7 40	7 11	5 1 6	6	
7	T		16 34 22	5 34 21	25	8 38	7 9	5 2 7	7	
8	W	Canning died, 1827	16 17 38	5 27 50	26	9 36	7 7	5 3 8	8	
9	Th	Bombardment of Sweaborg, 1855	16 0 27	5 19 79	27	10 33	7 6	5 4 9	9	
10	F	Greenwich Observatory founded, 1675	15 43 14	5 11 94	28	11 28	7 4	5 5 10	10	
11	Sat		15 25 42	5 3 02	0	0 21 p.m.	7 3	5 6 11	11	
12	S	11th Sunday after Trinity	15 7 49	4 53 53	1	1 11	7 2	5 8 12	12	
13	M	Battle of Blenheim, 1704	14 49 45	4 43 96	2	1 58	7 1	5 9 13	13	
14	T	Lord Clyde died, 1863. First book	14 31 25	4 33 88	3	2 44	7 0	5 10 14	14	
15	W	[printed by Faust, 1457]	14 12 57	4 22 64	4	3 28	6 58	5 11 15	15	
16	Th	Bomarsund taken, 1854	13 54 15	4 10 90	5	4 13	6 56	5 12 16	16	
17	F		13 35 11	3 59 11	6	5 48	6 55	5 13 17	17	
18	Sat		13 16 2	3 46 35	7	5 43	6 54	5 15 18	18	
19	S	12th Sunday after Trinity	12 56 34	3 33 50	8	6 29	6 52	5 16 19	19	
20	M		12 36 59	3 19 70	9	7 17	6 50	5 18 20	20	
21	T	Pyrenees Railway opened, 1862	12 17 14	3 5 84	10	8 5	6 48	5 19 21	21	
22	W	Battle of Bosworth Field, 1485	11 56 59	2 50 98	11	8 55	6 46	5 20 22	22	
23	Th		11 36 30	2 36 16	12	9 45	6 45	5 21 23	23	
24	F	St. Bartholomew	11 16 42	2 20 53	13	10 35	6 44	5 22 24	24	
25	Sat		10 56 12	2 4 65	14	11 25	6 43	5 23 25	25	
26	S	13th Sunday after Trinity. Prince	10 35 23	1 48 33	15		6 41	5 24 26	26	
27	M	[Albert born, 1819]	10 14 33	1 31 46	16	0 16 a.m.	6 39	5 25 27	27	
28	T	Victoria (Ch.Ch.) Bridge opnd., 1864	9 53 32	1 14 49	17	1 7	6 37	5 26 28	28	
29	W	Battle of Aspromonte, 1862	9 32 18	0 56 80	18	1 58	6 35	5 27 29	29	
30	Th		9 10 52	0 39 01	19	2 50	6 33	5 28 30	30	
31	F	Slaught. Ho. Lic. Meeting	8 49 27	0 20 98	20	3 44	6 32	5 29 31	31	

PHENOMENA FOR THE MONTH.

AUGUST—6th, 2h. 47m. a.m., Mars in conjunction with the Moon, Mars 4 deg. 1 min. north; 6th, 11h. 19m. p.m., Mercury stationary; 8th, 4h. 22m. a.m., Uranus in conjunction with the Moon, Uranus 5 deg. 24 min. north; 12th, 6h. 52m. a.m., Mercury in conjunction with the Moon, Mercury 2 deg. 5 min. south; 14th, 9h. 50m. p.m., Venus in conjunction with the Moon, Venus 0 deg. 24 min. north; 17th, 7h. 19m. a.m., Saturn in conjunction with the Moon, Saturn 0 deg. 6 m. south; 18th, 0h. 57 min. p.m., Venus in descending node; 18th, 3h. 26m. p.m., Mercury in greatest heliocentric latitude, south; 21st, 3h. 9m. p.m., Mercury in inferior conjunction with the Sun; 23rd, 5h. 38m. p.m., Jupiter in conjunction with the Moon, Jupiter 5 deg. 30 min. south; 30th, 1h. 40m. p.m., Mercury stationary.

FARMING OPERATIONS.

Finish bean and pea seeding. Sow oats, and if sown broadcast, with four to five bushels of seed per acre; if drilled, three bushels will be sufficient. In all cases the seed soil must be prepared with care. Spring wheat must be sown by this month. Barley sowing may be commenced, but it is essential to the success of the crop that the land should be previously well tilled, and that the land should work well when the grain is sown. Seed, if drilled, two-and-a-half to three bushels; if sown, three-and-a-half to four bushels per acre. Stop all gaps in field fences.

SEPTEMBER—XXX DAYS.

PHASES OF THE MOON.

		D. H. M.			D. H. M.
Last Quarter		2 11 39 a.m.	First Quarter		17 2 59 p.m.
New Moon		9 1 45 p.m.	Full Moon		25 1 36 a.m.
		Apogee, 15d. 5h. p.m.			
		Perigee, 27d. 1h. p.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.
			SUBT. FROM APPARENT TIME.	MOON'S Mean Time		Sun Rises.	Sun Sets.			
1	Sat	8 28 21	+ 0 2 26	21	4 39 a.m.	6 31	5 30	1		
2	S	8 6 34	- 0 15 97	22	5 35	6 29	5 32	2		
3	M	7 44 40	0 35 36	23	6 32	6 28	5 33	3		
4	T	7 22 37	0 54 92	24	7 29	6 26	5 34	4		
5	W	7 0 7	1 14 30	25	8 26	6 24	5 35	5		
6	Th	Gold discovered at Ballarat, 1851	6 38 10	1 34 03	26	9 20	6 22	5 36 6		
7	F	Canter. Fleet sld. from Plymth, 1850	6 15 46	1 53 86	27	10 12	6 20	5 37 7		
8	Sat	Malakoff taken, 1855	5 53 18	2 13 89	28	11 2	6 18	5 38 8		
9	S	15th Sunday after Trinity	5 30 42	2 34 22	29	11 50	6 16	5 39 9		
10	M		5 8 1	2 54 97	0	0 37 p.m.	6 14	5 40 10		
11	T		4 45 14	3 15 52	1	1 22	6 13	5 41 11		
12	W	Blucher died, 1819	4 22 23	3 36 22	2	2 7	6 11	5 43 12		
13	Th	C. J. Fox died, 1806	3 59 28	3 57 01	3	2 52	6 10	5 44 13		
14	F	Duke of Wellington died, 1852	3 36 28	4 17 91	4	3 37	6 8	5 45 14		
15	Sat	Allies landed in the Crimea, 1854	3 13 24	4 38 92	5	4 23	6 6	5 46 15		
16	S	16th Sunday after Trinity	2 50 16	4 59 98	6	5 9	6 4	5 47 16		
17	M		2 26 6	5 21 09	7	5 57	6 3	5 48 17		
18	T	Gold discovered in California, 1847	2 3 52	5 42 25	8	6 45	6 1	5 49 18		
19	W		1 40 37	6 3 41	9	7 34	5 59	5 50 19		
20	Th	Battle of Alma, 1854	1 17 20	6 24 57	10	8 24	5 57	5 51 20		
21	F	Sir W. Scott died, 1832. St. Matthew	0 53 58	6 45 69	11	9 14	5 55	5 52 21		
22	Sat	Lincoln's slavery prelm. issued, 1862	0 30 37	7 6 77	12	10 4	5 54	5 52 22		
23	S	17th Sunday after Trinity	0 7 5	7 27 78	13	10 55	5 53	5 53 23		
24	M		0 16 7	7 48 70	14	11 47	5 52	5 54 24		
25	T	Relief of Lucknow, 1857	0 39 31	8 9 49	15		5 51	5 54 25		
26	W		1 2 55	8 30 15	16	0 41 a.m.	5 50	5 55 26		
27	Th	Busaco, 1810. Nelson born, 1758	1 26 19	8 50 33	17	1 35	5 49	5 56 27		
28	F		1 49 43	9 10 45	18	2 31	5 47	5 57 28		
29	Sat	St. Michael. Michaelmas Day.	2 13 7	9 30 50	19	3 29	5 45	5 58 29		
30	S	18th Sunday after Trinity	2 36 29	9 50 22	20	4 27	5 44	5 59 30		

PHENOMENA FOR THE MONTH.

SEPTEMBER—3rd, 3h. 42m. p.m., Mars in conjunction with the Moon, Mars 5 deg. 4 min. north; 4th, 0h. 41m. p.m., Uranus in conjunction with the Moon, Uranus 5 deg. 31 min. north; 6th, 3h. 17m. p.m., Mercury in ascending node; 7th, 9h. 23m. a.m., Mercury at greatest elongation, Mercury 17 deg. 59 min. west; 8th, 4h. 37m. a.m., Mercury in conjunction with the Moon, Mercury 3 deg. 35 min. north; 10th, 10h. 51m. p.m., Mars in ascending node; 11th, 5h. 13m. a.m., Mercury in Perihelion; 13th, 9h. 46m. a.m., Venus in conjunction with the Moon, Venus 5 deg. 0 min. south; 13th, 7h. 34m. p.m., Saturn in conjunction with the Moon, Saturn 0 deg. 58 min. south; 18th, 11h. 36m. a.m., Venus in conjunction with Saturn, Venus 4 deg. 49 min. south; 19th, 4h. 53m. a.m., Jupiter stationary; 20th, 0h. 31m. a.m., Jupiter in conjunction with the Moon, Jupiter 5 deg. 37 min. south; 21st, 1h. 0m. p.m., Mercury at greatest heliocentric latitude north; 21st, 8h. 16m. p.m., Venus in aphelion; 23rd, 6h. 25m. p.m., Sun enters Libra; 25th, 9h. 22m. a.m., Mars in conjunction with Uranus, Mars 0 deg. 1 min. north.

FARMING OPERATIONS.

Grass and clover seeds, when intended for rotation crops, should be sown in the last and present months on the young wheat, and harrowed in with light harrows, and the land afterwards lightly rolled. Also, the grass, or seeds, should be sown on the lately cropped land, the land lightly rolled after the harrows have been over the barley seeded land; then the small seed sown, and the land lightly harrowed and rolled again. Red clover, ten to twelve pounds per acre, with three pounds of white; and if on uncertain lands, eight or ten pounds of rye grass per acre.