

DECEMBER—XXXI. DAYS.

PHASES OF THE MOON.

	D. H. M.		D. H. M.
Last Quarter	7 9 4 a.m.	First Quarter	22 3 59 p.m.
New Moon	14 1 4 p.m.	Full Moon	30 1 18 a.m.
	Perigee, 4d. 7h. p.m.	Apogee, 20d. 11h. 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.	M. S.		Mean Time.	Sun Rises.	Sun Sets.		
		° ' "	M. S.			H. M.	H. M.	H. M.		
1	T	Lyttel. and Ch.Ch. Railway opnd., 1863	21 50 15	10 46-14	17	0 20 a.m.	4 20	7 18	1	
2	W	French Empire Restored, 1852	21 59 13	10 23-21	18	1 17	4 20	7 20	2	
3	Th	Battle of Austerlitz, 1805	22 7 36	9 58-90	19	2 16	4 20	7 21	3	
4	F	Capture of Cawnpore by Lord Clyde,	22 15 17	9 35-49	20	3 14	4 19	7 22	4	
5	Sat	Battle of Lissa, 1757 [1857]	22 22 47	9 10-96	21	4 12	4 19	7 23	5	
6	S	Second Sunday in Advent.	22 30 53	8 45-88	22	5 6	4 19	7 23	6	
7	M	Milton born, 1608	22 38 9	8 19-82	23	5 59	4 19	7 24	7	
8	T	Edward Irving died, 1834	22 44 45	7 53-76	24	6 51	4 18	7 25	8	
9	W	First newspaper printed, 1665	22 50 54	7 26-73	25	7 41	4 18	7 26	9	
10	Th	Bushire taken by English, 1856	22 56 19	6 59-25	26	8 31	4 18	7 27	10	
11	F	King of Delhi died, 1862	23 1 18	6 31-85	27	9 21	4 18	7 28	11	
12	Sat	Cromwell, Protector, died, 1653	23 5 51	6 3-59	28	10 12	4 19	7 29	12	
13	S	Third Sunday in Advent.	23 9 52	5 34-98	29	11 2	4 19	7 30	13	
14	M	Prince Consort died, 1861	23 13 26	5 6-57	0	11 54	4 19	7 31	14	
15	T	King Leopold born, 1719	23 16 30	4 37-39	1	0 46 p.m.	4 19	7 31	15	
16	W	Cantby. Ann. Cathedral founded, 1864	23 19 42	4 7-94	2	1 37	4 19	7 32	16	
17	Th	Battle of Moodkee, 1845	23 21 50	3 38-90	3	2 27	4 20	7 32	17	
18	F	Lord Dalhousie died, 1857	23 23 30	3 9-16	4	3 14	4 20	7 33	18	
19	Sat	J. M. W. Turner died, 1860	23 24 41	2 39-30	5	4 0	4 20	7 33	19	
20	S	Fourth Sunday in Advent.	23 25 24	2 9-36	6	4 43	4 20	7 34	20	
21	M	St. Thomas	23 27 7	1 39-38	7	5 27	4 20	7 34	21	
22	T	Pegu annexed to British India, 1852	23 27 9	1 9-39	8	6 8	4 21	7 35	22	
23	W	Battle of Ferozeshah, 1845	23 26 40	0 39-43	9	6 51	4 21	7 36	23	
24	Th	Peace with America, 1814	23 25 45	-0 9-41	10	7 35	4 22	7 36	24	
25	F	Christmas Day.	23 24 20	+0 20-57	11	8 22	4 23	7 37	25	
26	Sat	First Theatre opened in Ch.Ch., 1863	23 22 31	0 49-99	12	9 12	4 23	7 37	26	
27	S	First Sunday after Christmas.	23 20 7	1 19-54	13	10 5	4 24	7 37	27	
28	M	Bmbrdmt. of Canton by Eng. and Fr.	23 17 23	1 48-90	14	11 1	4 24	7 37	28	
29	T	Release of Slidell & Mason, 1861 [1857]	23 13 51	2 18-55	15	11 59	4 25	7 37	29	
30	W	Capture of Mooltan, 1848	23 9 57	2 47-45	16	—	4 26	7 38	30	
31	Th	Battle of Wakefield, 1460	23 5 36	3 16-08	17	1 1 a.m.	4 27	7 38	31	

PHENOMENA FOR THE MONTH.

DECEMBER.—3rd, 7h. 6m. a.m., Uranus in conjunction with the Moon—Uranus 3 deg. 8 min. north; 6th, 8h. 12m. a.m., Mars in conjunction with the Moon—Mars 1 deg. 38 min. north; 8th, 6h. 51m. a.m., Venus greatest heliocentric latitude north; 11th, 1h. 10m. p.m., Venus in conjunction with the Moon—Venus 3 deg. 13 min. south; 13th, 0h. 10m. p.m., Mercury in conjunction with the Moon—Mercury 4 deg. 40 min. south; 13th, 0h. 48m. p.m., Saturn in conjunction with the Moon—Saturn 3 deg. 12 min. south; 13th, 5h. 56m. p.m., Mercury in conjunction with Saturn—Mercury 1 deg. 29 min. south; 14th, 5h. 56m. p., Mercury in descending node; 21st, 11h. 59m. p.m., Sun enters Capricorn; 22nd, 11h. p.m., Jupiter in conjunction with the Moon—Jupiter 2 deg. 37 min. north; 24th, 10h. 10m. p.m., Mercury in Aphelion; 27th, 0h. 9m. p.m., Jupiter in quadrature with the Sun; 30th, 2h. 18m. p.m., Uranus in conjunction with the Moon—Uranus 3 deg. 9 min. north.

FARMING OPERATIONS.

Attend to the hoeing and weeding of the carrots, parsnips, and mangolds. Continue and finish potato planting. For every root or bulb crop, deep ploughing and perfect tillage are required. Cut potatoes into sets, and from ten to twenty cwt. per acre will be required for planting. Sow white turnips, and in no case neglect the hoeing and weeding of the root and cabbage crops. Mow grass for hay. Rye-grass is fit when the pollen from the flowers blows over the land in a sort of smoke; common clover, when the whole field is a bloom of purple, but before any fades; and cow-grass, when from two-thirds to three-fourths of the flowers are developed.

GARDEN CALENDAR.

These, as they change, Almighty Father, these
Are but the varied God. The rolling year
Is full of Thee. Forth in the pleasing Spring
Thy beauty walks, Thy tenderness and love.
Wide flush the fields: the softened air is balm;
Echo the mountains round; the forest smiles;
And every sense and every heart is joy.
Then comes Thy glory in the summer months,
With light and heat refulgent. Then Thy sun
Shoots full perfection through the swelling year;
And oft Thy voice in dreadful thunder speaks;
And oft at dawn, deep noon, or falling eve,
By brooks and groves, in hollow whisp'ring gales.
Thy beauty shines in Autumn, unconfin'd,
And spreads a common feast for all that lives.
In Winter, awful Thou! with clouds and storms
Around Thee thrown, tempest o'er tempest roll'd,
Majestic darkness! On the whirlwind's wing,
Riding sublime, Thou bidd'st the world adore,
And humblest nature with Thy southern blast.—THOMSON.