

FARMING OPERATIONS.—Finish hay-making and stacking; hoe and mould up potatoes; finish hoeing and thinning all the root crops. Be careful that all furrows and drains are open, that the root-covered land may be quickly relieved of any water that may fall; dry, well-cultivated lands do not suffer from drought so much as those which have been previously water sodden. Keep the plough going in breaking up unimproved lands.

DAYS.		REMARKABLE DAYS.
1	F	<i>New Year's Day</i>
2	S	Calcutta taken, 1757
3	☉	<i>Second Sunday after Christmas</i>
4	M	Sir C. Burrell died, 1862
5	T	Duke of York died, 1827
6	W	<i>Epiphany. Twelfth Day</i>
7	Th.	Cape of Good Hope taken
8	F	Battle of the Nile
9	S	Nelson's Funeral, 1806
10	☉	<i>First Sunday after Epiphany</i>
11	M	Hilary Law Term begins
12	T	Chinese Treaty published, 1861
13	W	
14	Th.	First transports arrived at Botany Bay, 1788
15	F	British Museum opened, 1759
16	S	Battle of Corunna, 1809
17	☉	<i>Second Sunday after Epiphany</i>
18	M	
19	T	Ciudad Rodrigo taken, 1812
20	W	John Howard died, 1790
21	Th.	Vaccination introduced, 1799
22	F	Wellington Anniversary
23	S	Assault on Redoubt No. 3, by the Natives, 1861
24	☉	<i>Septuagesima Sunday</i>
25	M	Princess Royal married, 1858
26	T	New South Wales colonized, 1788
27	W	Peace Conference at Manchester, 1853
28	Th.	£10,000 stolen from s. Airedale, at Nelson, 1862. [arrived, 1840
29	F	Auckland Anniversary Gov. Hobson
30	S	British sovereignty established in New Zealand, 1840
31	☉	<i>Sexagesima Sunday</i>

PHASES OF THE MOON.

	D.	H. M.
☾ Last Quarter	2nd,	7 10 P.M.
☉ New Moon	9th,	7 17 "
☽ First Quarter	16th,	10 37 "
● Full Moon	24th,	9 34 "
☾ Perigee	10th,	2 0 "
☾ Apogee	25th,	9 0 A.M.

Days.	Equation of Time to be added to Apparent Time.		Sun's Declination at Apparent Noon.			Mean Time corrected for Refraction, &c.		Moon's Age.	Moon's Meridian Passage.
	M.	S.	D.	M.	S.	H. M.	H. M.		
1	3	24.19	s 23	5	9	4 26	7 42	21.2	4 43 P.M.
2	3	52.66	23	0	22	4 27	7 42	22.2	5 25
3	4	20.92	22	55	7	4 28	7 42	23.2	6 10
4	4	48.72	22	49	24	4 29	7 42	24.2	6 58
5	5	16.26	22	43	15	4 30	7 42	25.2	7 49
6	5	43.38	22	36	38	4 31	7 42	26.2	8 45
7	6	10.05	22	29	34	4 32	7 42	27.2	9 42
8	6	36.25	22	22	4	4 33	7 42	28.2	10 43
9	7	1.94	22	14	7	4 34	7 42	29.2	11 45 P.M.
10	7	27.07	22	5	44	4 35	7 41	0	
11	7	51.74	21	56	56	4 36	7 41	1	0 45 A.M.
12	8	15.71	21	47	41	4 38	7 41	2	1 44
13	8	39.16	21	38	1	4 39	7 40	3	2 12
14	9	1.94	21	27	56	4 40	7 40	4	3 7
15	9	24.07	21	17	17	4 41	7 39	5	4 24
16	9	45.49	21	6	33	4 43	7 39	6	5 14
17	10	6.21	20	55	14	4 44	7 38	7	6 4
18	10	26.21	20	43	32	4 45	7 38	8	6 54
19	10	45.48	20	31	26	4 46	7 37	9	7 45
20	11	7.99	20	18	58	4 48	7 36	10	8 35
21	11	21.75	20	6	6	4 49	7 36	11	9 25
22	11	38.72	19	52	52	4 50	7 35	12	10 14
23	11	54.93	19	39	15	4 52	7 34	13	11 4
24	12	10.46	19	25	17	4 53	7 33	14	11 49 A.M.
25	12	25.08	19	10	57	4 54	7 33	15	0 33 P.M.
26	12	38.92	18	56	17	4 56	7 32	16	1 17
27	12	52.06	18	41	15	4 57	7 31	17	1 59
28	13	4.27	18	25	53	4 58	7 29	18	2 41
29	13	15.70	18	10	11	4 59	7 29	19	3 22
30	13	26.43	17	54	9	5 1	7 28	20	4 6
31	13	36.25	17	37	48	5 2	7 27	21	4 52 P.M.