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**VOX STELLARUM:**  
OR, A LOYAL  
**ALMANACK**

FOR THE YEAR OF HUMAN REDEMPTION

**1852,**

BEING BISSEXTILE, OR LEAP YEAR; AND THE SIXTEENTH OF  
THE REIGN OF HER PRESENT MAJESTY :

CONTAINING

**THE RISING AND SETTING OF THE SUN AND MOON,  
THE MOON'S CHANGES, SOUTHING, AND AGE,**

**THE JEWISH CALENDAR;**

**THE EQUATION OF TIME FOR SETTING CLOCKS AND WATCHES; THE RISING  
AND SETTING OF THE PLANETS; OCCULTATIONS; MUTUAL ASPECTS, ETC.**

**A Correct Tide Table;**

**A TABLE OF THE LAW TERMS;**

**A TABLE OF KINGS' AND QUEENS' REIGNS;**

**AN ACCOUNT OF THE ECLIPSES:**

**WITH ASTROLOGICAL OBSERVATIONS ON THE FOUR QUARTERS  
OF THE YEAR; AND**

**A HIEROGLYPHIC ADAPTED TO THE TIMES:**

**TO WHICH ARE NOW ADDED,  
VARIOUS USEFUL INFORMATION, TABLES, RECIPES, &c.**

BY

**FRANCIS**



**MOORE,**

**PHYSICIAN.**

LONDON:

**PRINTED FOR THE COMPANY OF STATIONERS,**

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**AND SOLD BY JOSEPH GREENHILL, AT THEIR HALL,  
LUDGATE STREET.**

PRICE SIXPENCE, STITCHED.

In the beginning the Almighty said,  
 "Let there be Light:"—that instant darkness fled;  
 All radiant day her rosy beams displayed,  
 And the young world in splendid dress arrayed;  
 The blazing Sun uprising from the east,  
 Like a young bridegroom in his glories drest.

M	W	Fasts and Festivals.	☉	Moon	D's	D rises	Mutual Asp. & Weather.	
D	D		☉	South.	A	& sets.		
			o	h.	m.	h.	m.	
1	Th	<b>Circumcision</b>	10	7 a	37	10	1 m 30	☿ in perihelion.
2	F	Day br. 6 2	11	8	22	11	2 37	☉ in perigee.
3	S	☽ sets 1 45 mo.	12	9	9	12	3 46	comes in
4	D	<b>2 Sun. aft. Christ.</b>	13	10	0	13	4 56	* ☿ ♃
5	M		14	10	54	14	6 7	with much
6	Tu	<b>Epiph.: 12th D.</b>	15	11	51	15	7 13	☿ inf. ☽ ☉
7	W	Twi. ends 6 10	16	morn.		F	rises	☿ ☽ ☽ : D ecl. vis.
8	Th	<i>Lucian</i>	17	0	50	17	5 a 41	downfall,
9	F	♃ rises 3 14 mo.	18	1	48	18	6 59	H stat. : * ☉ ♃
10	S	[T.b.	19	2	45	19	8 22	perhaps snow.
11	D	<b>1 S af Epip.: Hil.</b>	20	3	40	20	9 43	Some cold
12	M	<i>Plough Monday</i>	22	4	32	21	11 2	rough winds.
13	Tu	<i>Hil.: Cam. T. beg.</i>	23	5	22	22	morn.	Fair with
14	W	<i>Oxford Term beg.</i>	24	6	12	23	0 21	☐ ♀ ♃
15	Th	Day incr. 0 30	25	7	3	24	1 42	spangling
16	F	♂ rises 4 49 aft.	26	7	54	25	3 0	hoar frost.
17	S	[Old 12th Day	27	8	47	26	4 17	☽ stationary.
18	D	<b>2 Sun. af. Epiph.:</b>	28	9	41	27	5 29	☐ ☉ ♃
19	M	[Prisca	29	10	36	28	6 34	Expect now
20	Tu	<i>Fabian</i>	☿	11	30	29	7 29	snow storms.
21	W	<i>Agnes</i>	1	0 a	23	N	sets	☉ ecl. in. ☐ ☉ H
22	Th	<i>Vincent</i>	2	1	13	1	5 a 43	[* ♀ ♃
23	F	♀ sets 7 2 aft.	3	2	0	2	6 50	☐ ♀ H
24	S	[Con. of St. Paul	4	2	45	3	7 59	☽ ☉ ♂
25	D	<b>3 Sun. af. Epiph.:</b>	5	3	28	4	9 4	Windy with
26	M	Day 8 45 long	6	4	9	5	10 9	thaw, and per-
27	Tu	Night 15 12 long	7	4	50	6	11 15	haps rain.
28	W	☽ rises 6 24 mo.	8	5	31	7	morn.	Weather
29	Th	[1649	9	6	14	8	0 21	☽ elong. max.
30	F	<b>K. Ch. I. Mart.</b>	10	6	59	9	1 23	now often
31	S	<i>Hil. Term Ends</i>	11	7	47	10	2 36	squally.

Mean obliquity of the Ecliptic, Jan. 1st, 23° 27' 31".  
 Jan. 1st, 9th of Tebet; 2d, 10th of Tebet, Fast, Siege of Jerusalem;  
 22d, 1st of Sebat.

Moon

The  
The  
The 1  
The  
The 2  
The 2

M	Sun	rises
D		
	h.	m.
18	9	18
28	9	28
38	8	38
D 8	8	8
58	8	58
68	8	68
78	7	78
88	7	88
98	6	98
108	6	108
D 8	5	8
128	5	128
138	4	138
148	3	148
158	2	158
168	1	168
178	1	178
D 8	0	8
197	59	197
207	58	207
217	57	217
227	55	227
237	54	237
247	53	247
D 7	52	7
267	50	267
277	49	277
287	48	287
297	46	297
307	45	307
317	43	317

☉'s sem

The 1 day, at 3 <sup>h</sup> 38 <sup>m</sup> morn. Saturn	} is in ecliptic conjunction with the Moon.
The 8 day, at 10 41 aftern. Mars	
The 15 day, at 10 1 aftern. Jupiter	
The 19 day, at 11 14 morn. Mercury	
The 23 day, at 6 4 aftern. Venus	
The 28 day, at 1 46 aftern. Saturn	

M	Sun rises	Sun sets	Sun's Declin	MONTHLY OBSERVATIONS.
D	h. m.	h. m.	° ' "	
18	93	59	23 3 3	<p><i>THE depth of Rain in Jan. 1850, at Arundel, was 1'00 inch.; Carlesgill, 3'40; Cirencester, 1'49; Crewgarth, 1'27; Empingham, 1'45; Epping, 1'604; Falmouth, 3'482; Greenwich, 1'345; Plympton, 5'04; and Thwaite, 1'81.</i></p> <p><b>FULL MOON, 7d. 6h. 9m. morn.</b></p> <p>PLUVIAL ANTICIPATIONS.</p> <p>The moon, in consequence of being so near us, has considerable influence on the earth on which we dwell, on its animals, vegetables, &amp;c.; hence—  <i>"Her powerful sway commands the flowing tide,                      And the vast ocean rolls from side to side."</i></p> <p><b>LAST QUAR. 14d. 1h. 18m. morn.</b></p> <p>She therefore operates upon our atmosphere, and taking this into consideration, with the effects of the planets, I am led to expect rain or snow about the 1st, 5th, 12th, 21st, and 29th days.</p> <hr/> <p>THIS year I present my readers with</p> <p><b>NEW MOON, 21d. 7h. 27m. morn.</b></p> <p>the monthly depth of rain, as taken at or near the surface of the ground, in 1850, at <i>Arundel, Sussex; Carlesgill, Dumfriesshire; Cirencester, Gloucestershire; Crewgarth, Cumberland; Empingham, Rutlandshire; Epping, Essex; Falmouth, Cornwall; Greenwich, Kent; Plympton, Devonshire; and Thwaite, Suffolk.</i></p>
28	94	0	22 59	
38	84	1	22 53	
D 8	84	2	22 47	
58	84	3	22 41	
68	84	4	22 34	
78	74	5	22 27	
88	74	7	22 19	
98	64	8	22 11	
108	64	10	22 3	
D 8	54	11	21 54	
128	54	12	21 44	
138	44	14	21 34	
148	34	15	21 24	
158	24	17	21 14	
168	14	18	21 2	
178	14	20	20 51	
D 8	04	21	20 39	
197	59	4	23 20	
207	58	4	25 20	
217	57	4	27 20	
227	55	4	28 19	
237	54	4	30 19	
247	53	4	32 19	
D 7	52	4	33 19	
267	50	4	35 18	
277	49	4	37 18	
287	48	4	39 18	
297	46	4	41 18	
307	45	4	42 17	
317	43	4	44 17	

☉ in perigee, 10th day; apogee, 26th day.  
 ☉'s semidiam. 1st day, 16' 17"; 11th, 16' 17"; 21st, 16' 16".

4 FEBRUARY XXIX Days.

His spiral course through voids immense begun,  
 Ages to roll,—as swift as Time to run;  
 Surveying and surveyed throughout the vast  
 Of the Creator's works, from first to last:  
 Or else, as more sagacious sages say,  
 He stands firm fixed amidst a flood of day.

M	W	Fasts and Festivals.	☉	Moon	D's	D rises	Mutual Asp. & Weather.
D	D		<small>hour</small>	South.	A	& sets.	
			o	h. m.		h. m.	Squally with
1	D	4 Sun. aft. Epiph.	12	8 a 39	11	3 m 45	rain or
2	M	Purif.: Candi. Day	13	9 34	12	4 53	☐ ♂ ♀
3	Tu	Blase	14	10 32	13	5 55	snow.
4	W	Day br. 5 39	15	11 32	14	6 50	♀ in ☿
5	Th	Agatha	16	morn.	F	rises	✕ ♀ ♃
6	F	♄ sets 11 35 aft.	17	0 31	16	5 a 57	Alternately
7	S		18	1 28	17	7 21	☐ ♂ ♃
8	D	Septuagesima S.	19	2 23	18	8 46	windy and
9	M	Twi. ends 6 55	20	3 16	19	10 8	calm.
10	Tu	Q. Vict. mar. 1840	21	4 8	20	11 30	☐ ♀ ♃: Δ ♀ ♃:
11	W		22	4 59	21	morn.	☐ ☉ ♃ [♂ ♀ ♂
12	Th	♃ rises 1 22 mo.	23	5 51	22	0 50	☐ ♀ ♀
13	F	Day incr. ♃ 2	24	6 44	23	2 7	Stormy wea-
14	S	Valen.: Old Cand.	25	7 37	24	3 21	Δ ♀ ♂; ♀ aphel.
15	D	Sexagesima Sun.	26	8 31	25	4 27	ther with
16	M		27	9 25	26	5 25	downfall.
17	Tu	Day 10 1 long	28	10 17	27	6 12	
18	W	♂ sets 6 37 mo.	29	11 7	28	6 49	Fair and
19	Th	♀ sets 8 28 aft.	☿	11 55	29	7 20	✕ ☉ ♃
20	F	Night 13 47 long	1	0 a 41	N	sets	✕ ☉ ♀
21	S	[T. div. n.]	2	1 24	1	6 a 52	frosty.
22	D	Shrove S. Camb.	3	2 6	2	7 58	
23	M	Day 10 24 long	4	2 47	3	9 4	Mild for a
24	Tu	Shrove Tuesday	5	3 28	4	10 8	few days.
25	W	Lent b.: Ash W.:	6	4 9	5	11 14	
26	Th	[St. Matthias]	7	4 53	6	morn.	☐ ♀ ♃
27	F	♂ rises 6 41 mo.	8	5 39	7	0 22	Some dry
28	S	Night 13 16 long	9	6 28	8	1 30	hard frosts.
29	D	1 Sun. in Lent	10	7 20	9	2 36	

JUPITER ♃ will be a Morning Star until May 8th; then an Evening Star until November 25th; and afterwards a Morning Star.

Moon's ascending node, Jan. 1st, 17° ☉ 30'; Dec. 31st, 28° ♀ 11'; Feb. 1st, 11th of Sebat; 21st, 1st of Adar.

The 4 day, at 3<sup>h</sup> 46<sup>m</sup> aftern. Mars } is in  
 The 12 day, at 8 50 morn. Jupiter } ecliptic  
 The 18 day, at 7 59 morn. Mercury } conjunction  
 The 23 day, at 4 12 morn. Venus } with the  
 The 25 day, at 0 47 morn. Saturn } Moon.

M	Sun rises	Sun sets	Sun's Declin.
D	h. m.	h. m.	° ' "
D 7	42 4	46 17	s 15
27	41 4	48 16	58
37	39 4	49 16	40
47	37 4	51 16	23
57	36 4	53 16	5
67	34 4	55 15	47
77	32 4	57 15	28
D 7	30 4	59 15	9
97	29 5	0 14	50
107	27 5	2 14	31
117	25 5	4 14	12
127	23 5	6 13	52
137	21 5	8 13	32
147	19 5	10 13	12
D 7	17 5	12 12	51
167	15 5	13 12	31
177	14 5	15 12	10
187	12 5	17 11	49
197	10 5	19 11	28
207	8 5	21 11	6
217	6 5	22 10	45
D 7	4 5	24 10	23
237	2 5	26 10	1
246	59 5	28 9	39
256	57 5	30 9	17
266	55 5	31 8	55
276	53 5	33 8	32
286	51 5	35 8	10
D 6	49 5	37 7	47

MONTHLY OBSERVATIONS.

*The depth of Rain in Feb. 1850, at Arundel, was 2.96 inches; Carlisle, 10.38; Cirencester, 0.28; Crewgarth, 2.53; Empingham, 1.00; Epping, 1.116; Falmouth, 2.984; Greenwich, FULL MOON, 5d. 6h. 53m. aftern.*

0.990; Plympton, 5.28; and Thwaite, 1.22.

Rain or snow, with sudden squalls, may be expected about the 2d, 7th, 11th, 16th, 24th, and 28th days of the month.

LAST QUAR. 12d. 10h. 2m. morn.

*Astrological Observations and Predictions relating to Mundane Affairs.*

COURTEOUS READER,—The ever rolling stream of time has borne us on to the year 1852, which I feel assured will hold a conspicuous place

NEW MOON, 20d. 0h. 54m. morn.

in the records of chronology, on account of the many important events, in connection with science, politics, and religion, that will transpire during its revolution.

In looking over the pages of heaven's wide-spread volume, I am

FIRST QUAR. 28d. 5h. 31m. morn.

glad

VENUS ♀ will be an Evening Star until July 20th; and afterwards a Morning Star for the remainder of the year. Greatest brightness about June 13 and August 25.

) in perigee, 7th day; apogee, 23d day.

☉'s semidiam. 1st day, 16' 15"; 11th, 16' 13"; 21st, 16' 11".

Then round his orb harmonious planets race,  
 By his attraction move through boundless space;  
 With these the earth upon her axis turns,  
 And justly poised, supporting pillars scorns:  
 The Sun preserving thus his central seat,  
 Spreads through all nature a prolific heat.

M	W	Fasts and	☉	Moon	D's	D rises	Mutual Asp.
D	D	Festivals.	☌	South.	A	& sets.	& Weather.
			o	h.	m.	h.	m.
1	M	<i>David</i> : least twi.	11	8 a	15 10	3 m 39	Rain at the
2	Tu	<i>Chad</i>	12	9	13 11	4 36	* ♀ ♀: * ♀ ♀
3	W	<b>Ember Week</b>	13	10	11 12	5 25	beginning.
4	Th	Day br. 4 47	14	11	9 13	6 5	♀ in ♀: ♂ stat.
5	F	♀ sets 9 59 aft.	15	morn.	14 6	38	Fair for a
6	S	[ <i>Perpetua</i>	16	0	6 F		rises short time.
7	C	<b>2 Sun. in Lent</b> :	17	1	2 16	7 a 42	☐ ♀ ♂
8	M	<i>Old St. Matthias</i>	18	1	56 17	9 7	Windy with
9	Tu	Twi. ends 7 46	19	2	49 18	10 31	♂ stationary.
10	W	♂ rises 11 37 aft.	20	3	43 19	11 53	showers of
11	Th		21	4	37 20		morn. rain or snow.
12	F	<i>Gregory</i>	22	5	32 21	1 11	
13	S	Day incr. 3 55	23	6	27 22	2 22	Δ ☉ ♀ [Δ ♀ ♀
14	C	<b>3 Sun in Lent</b>	24	7	21 23	3 23	♂ ♀ ♀: ♂ ♀ ♀:
15	M		25	8	14 24	4 12	Δ ☉ ♂: ♂ sup. ♀ ☉
16	Tu	♂ sets 4 41 mo.	26	9	5 25	4 53	♂ ♀ ♀ [Δ ♀ ♂
17	W	<i>St. Patrick</i> [ <i>Sax.</i>	27	9	53 26	5 25	Fair weather;
18	Th	<b>Ps. Louisab. 1848</b>	<i>Edw. K. W.</i>	27	5	51	at times
19	F	Equ. day & night	29	11	22 28	6 11	frosty.
20	S	[ <i>Benedict</i>	☉	0 a	4 N		sets Cold dry
21	C	<b>Midlent Sunday</b> :	1	0	45 1	6 a 54	winds.
22	M	Day 12 15 long	2	1	26 2	7 59	
23	Tu	♀ sets 10 11 aft.	3	2	7 3	9 5	Flying
24	W		4	2	50 4	10 12	showers.
25	Th	<b>Lady Day</b>	5	3	35 5	11 19	♂ in ♀
26	F	Night 11 29 long	6	4	22 6		morn. Hail storms
27	S		7	5	12 7	0 26	with thunder
28	C	<b>5 Sun. in Lent</b>	8	6	5 8	1 29	in sundry
29	M	Day 12 42 long	9	7	0 9	2 28	♂ in perihelion.
30	Tu	♂ sets 7 55 aft.	10	7	56 10	3 18	places.
31	W	Night 11 10 long	11	8	52 11	4 1	♂ ♀ ♀: ♂ aphel.

March 1st, 10th of Adar; 4th, 13th of Adar, Fast of Esther; 5th, 14th of Adar, Purim; 6th, 15th of Adar, 2d day; 21st, 1st of Nisan.



The 2 day, at 5 <sup>h</sup> 30 <sup>m</sup> aftern Mars	} is in ecliptic conjunction with the Moon.
The 10 day, at 5 31 aftern. Jupiter	
The 21 day, at 7 49 morn. Mercury	
The 23 day, at 0 57 aftern. Saturn	
The 24 day, at 11 9 morn. Venus	
The 30 day, at 8 54 morn. Mars	

M Sun Sun Sun's  
D rises sets Declin.

MONTHLY OBSERVATIONS.

	h.	m.	h.	m.	°	'
	16	47	5	38	7	s 24
	26	45	5	40	7	1
	36	42	5	42	6	38
	46	40	5	44	6	15
	56	38	5	45	5	52
	66	36	5	47	5	29
C	6	33	5	49	5	6
	86	31	5	51	4	42
	96	29	5	52	4	19
	106	27	5	54	3	55
	116	25	5	56	3	32
	126	22	5	58	3	8
	136	20	5	59	2	45
C	6	18	6	1	2	21
	156	15	6	3	1	57
	166	13	6	4	1	34
	176	11	6	6	1	10
	186	9	6	8	0	46
	196	6	6	9	0	22
	206	4	6	11	0	N 1
C	6	26	13	0	0	25
	225	59	6	14	0	49
	235	57	6	16	1	12
	245	55	6	18	1	36
	255	53	6	19	1	59
	265	50	6	21	2	23
	275	48	6	23	2	47
C	5	46	6	25	3	10
	295	44	6	26	3	33
	305	41	6	28	3	57
	315	39	6	29	4	20

The depth of Rain in March, 1850,  
at Arundel, was 0.50 inch.; Carlesgill,  
1.38; Cirencester, 1.77; Crewgarth,  
0.42; Empingham, 0.25; Epping, 0.225;  
Falmouth, 1.178; Greenwich, 0.193;  
Plympton, 0.98; and Thuwaite, 0.54.

**FULL MOON, 6d. 5h. 30m. morn.**  
Rain or snow on or about the 6th,  
12th, 18th, and 25th days.

glad to find that the malevolent  
planet  $\eta$ , which hung on the as-  
**LAST QUAR. 12d. 8h. 29m. aftern.**

endant of England during the first  
five months of 1851, and tardily  
passed off to  $\gamma$  in June, but by a  
retrograde movement returned to  $\gamma$   
in the following November, does, at  
the end of February of this year,  
finally quit that sign, to enter there-

**NEW MOON, 20d. 6h. 43m. aftern.**  
in no more, at least during the next  
quarter of a century: and I would  
remark, that at *this very time*, the  
benevolent planet  $\zeta$ , which may *now*  
with propriety be styled "star of  
the crimson-coloured evening," and  
hailed as the "companion of retiring

**FIRST QUAR. 25d. 8h. 50m. aftern.**  
day," begins to scatter her lovely  
rays over England's ascendant!  
May

) in perigee, 6th day; apogee, 21st day.

☉'s semidiam. 1st day, 16' 9"; 11th, 16' 6"; 21st, 16' 4".

Inspired by Spring, the slumbering insects wake,  
 And animated birds their silence break ;  
 In notes of harmony salute the year,  
 And all creation with their music cheer :  
 Yet oft tempestuous winds the forests rend,  
 And clattering hail-storms through the air descend.

M	W	Fasts and	☉	Moon	☽'s	☽ rises	Mutual Asp.
D	D	Festivals.	☽	South.	A	& sets	& Weather
			o	h.	m.	h.	m.
1	Th	Day br. 3 36	12	9 a	48	12 4 m	34 There is now
2	F	<i>Cam. T.e.</i> [ <i>Chich.</i>	13	10	44	13 5	5 a tendency
3	S	<i>Ox. T.e.;</i> <i>Rich. Bp.</i>	14	11	38	14 5	31 to fair
4	C	<i>Palm S.;</i> <i>St. Am.</i>	15	morn.		F rises	weather.
5	M		16	0	33	16 8 a	2 ☽ ☽ ☽ : ☽ ☽ ☽
6	Tu	<i>Old Lady Day</i>	17	1	28	17 9	28 ♀ in perihelion.
7	W	☽ sets 8 11 aft.	18	2	24	18 10	50 * ♀ ☽
8	Th	<i>Maundy Thurs.</i>	19	3	20	19 morn.	A changeable
9	F	<i>Good Friday</i>	20	4	17	20 0	7 ☽ elong. max.
10	S	☽ rises 9 23 aft.	21	5	14	21 1	15 state of the
11	C	<i>Easter Sunday</i>	22	6	9	22 2	11 air, in
12	M	<i>Easter Monday</i>	23	7	1	23 2	55 character
13	Tu	<i>Easter Tuesday</i>	24	7	51	24 3	29 with April.
14	W		25	8	37	25 3	57
15	Th	<i>Easter Term beg.</i>	26	9	21	26 4	19 Fair with
16	F	<i>Twil. ends</i> 9 8	27	10	3	27 4	39 frosty
17	S	☽ sets 2 49 mo.	28	10	44	28 4	55 ☽ ☽ ☽
18	C	<i>1st, or Low Sun.</i>	29	11	25	29 5	12 mornings.
19	M	<i>Alphege</i>	8	0 a	6	N sets	☽ stationary.
20	Tu	Day incr. 6 24	1	0	49	1 8 a	4 Expect
21	W	<i>Oxf. &amp; Cam. T.b.</i>	2	1	33	2 9	12 much rain.
22	Th	Day 14 15 long	2	2	19	3 10	19 Air still in-
23	F	<i>St. George</i>	3	3	8	4 11	23 clined to wet.
24	S	[ <i>Prs. Alb.;</i> <i>Ds. Glo. b</i>	4	0	5	morn.	☽ ☽ ☽
25	C	<i>2 S. aft. Ea.;</i> <i>St. Mk.</i>	4	53	6	0 23	☽ ☽ ☽
26	M		6	5	48	7 1	16 Mostly bright
27	Tu	Night 9 26 long	7	6	43	8 2	0 ☽ ☽ ☽
28	W	♀ sets 11 42 aft.	8	7	37	9 2	37 ☽ ☽ ☽
29	Th	☽ sets 7 27 aft.	9	8	30	10 3	6 and mild at
30	F	Day 14 44 long	10	9	23	11 3	32 ☽ inf. ☽ ☽ the end.

April 1st, 12th of Nisan; 4th, 15th of Nisan, Passover; 5th, 16th of Nisan, 2d day; 20th, 1st of Yiar.

The 7 day, at 0 <sup>h</sup> 51 <sup>m</sup> morn. Jupiter	} is in ecliptic conjunction with the Moon.
The 20 day, at 1 45 morn. Saturn	
The 20 day, at 4 56 aftern. Mercury	
The 23 day, at 11 35 morn. Venus	
The 27 day, at 9 15 morn. Mars	

M D	Sun rises		Sun sets		Sun's Declin.	
	h.	m.	h.	m.	°	'
15	37	6	31	4	N	43
25	34	6	33	5		6
35	32	6	35	5		29
C 5	30	6	36	5		52
55	28	6	38	6		15
65	25	6	40	6		37
75	23	6	41	7		0
85	21	6	43	7		22
95	19	6	44	7		45
105	17	6	46	8		7
C 5	14	6	48	8		29
125	12	6	49	8		51
135	10	6	51	9		12
145	8	6	53	9		34
155	6	6	54	9		55
165	3	6	56	10		17
175	1	6	58	10		38
C 4	59	7	0	10		59
194	57	7	1	11		20
204	55	7	3	11		40
214	53	7	4	12		1
224	51	7	6	12		21
234	49	7	8	12		41
244	47	7	9	13		0
C 4	45	7	11	13		20
264	43	7	12	13		39
274	41	7	14	13		58
284	39	7	16	14		17
294	37	7	18	14		36
304	35	7	19	14		54

## MONTHLY OBSERVATIONS.

The depth of Rain in April, 1850,  
at Arundel, was 3·65 inch.; Carlesgill,  
5·59; Cirencester, 4·41; Crewgarth,  
1·47; Empingham, 2·05; Epping, 3·083;

**FULL MOON. 4d. 2h. 24m. aftern.**

Falmouth, 4·178; Greenwich, 2·620;  
Plympton, 8·76; and Thwaite, 1·89.

Rain, snow, sleet, or hail, may be  
looked for about the 5th, 12th, 18th,  
and 24th days—probably thunder on  
or about the two last-mentioned days.

**LAST QUAR. 11d. 8h. 59m. morn.**

May not this combination of celestial  
phenomena be viewed with pleasure,  
and considered as a prelude of  
brighter days?

My readers will recollect that I  
said in one of my former almanacks,

**NEW MOON, 19d. 11h. 45m. morn.**

that every movement in France is  
looked at with anxiety by all the  
nations of Europe. Now, at this  
time, there will be much excitement  
in that Republic, respecting the elec-  
tion of a new President, or the re-  
election of the present one. May this

**FIRST QUAR. 27d. 8h. 3m. morn.**

matter be settled in a way that may  
tend to the happiness, not only of  
France herself, but that of other  
states,

) in perigee, 4th day; apogee, 17th day.

☉'s semidiam. 1st day, 16' 1"; 11th, 15' 58"; 21st, 15' 55".

In every gale sweet smells and sweeter sounds  
 With blasts alternate keep delightful rounds :  
 See now the sleeping plants forsake the tomb,  
 Smile on the sight, and beautifully bloom :  
 See the green herbage on your mountains grow,  
 And streams descending from your hills of snow.

M	W	Fasts and Festivals	☉	Moon	D's	D rises	Mutual Asp. & Weather.
D	D		8	South.	A	& sets.	
			o	h. m.		h. m.	
1	S	<b>St. Ph. &amp; Js.: Pr. Arb.</b>	10	a 16 12		3 m 54	☐ ♀ ♂
2	C	<b>3 Sun. aft. East.</b>	12	11 10 13	4	16	♂ ♀ ♄ : ♀ in ☾
3	M	<b>Inv. of the Cross</b>	13	morn.	F	rises	Some growing
4	Tu	♄ rises 4 30 mo.	14	0 6 15	8	a 22	showers.
5	W	Day br. 1 47	15	1 3 16	9	44	Fair and
6	Th	<b>Jno. Ev. à P. Lat.</b>	16	2 1 17	10	59	warm for a
7	F	♃ sets 4 44 mo.	17	3 0 18	morn.		few days.
8	S	<b>Easter Termends</b>	18	3 58 19	0	2	♂ ☉ ♃ : ♂ ♀ ♄
9	C	<b>4 Sun. aft. East.</b>	19	4 53 20	0	53	A growing
10	M	Twi. ends 10 25	20	5 45 21	1	31	* ♀ ♄ : * ♀ ♀
11	Tu	♂ sets 1 35 mo.	21	6 34 22	2	1	time.
12	W	Day incr. 7 40	22	7 19 23	2	25	♀ el. max.: ♀ st.:
13	Th	<b>Old May Day</b>	23	8 2 24	2	45	[ ♀ aphel.
14	F	♀ sets 11 50 aft.	24	8 43 25	3	3	* ♀ ♄
15	S	Day 15 33 long	25	9 24 26	3	20	Still for the
16	C	<b>Rogation Sund</b>	26	10 5 27	3	37	most part
17	M	Night 8 21 long	27	10 47 28	3	54	fair.
18	Tu	♃ rises 3 36 mo.	28	11 30 29	4	14	☐ ♂ ♃
19	W	<b>Dunstan</b>	29	0 a 16 N	sets		♂ ♀ ♄
20	Th	<b>Asc.: Holy Thurs</b>	π	1 5 1	9	a 17	Cold for the
21	F	Day 15 50 long	1	1 56 2	10	18	season.
22	S	<b>Trin. Term beg.</b>	1	2 49 3	11	14	Δ ♂ ♃
23	C	<b>Sun. aft. Ascen.</b>	2	3 44 4	morn.		Passing showers
24	M	<b>Qu. Vict. b. 1819</b>	3	4 38 5	0	2	in some parts
25	Tu	<b>Prs. Hel. b. 1846</b>	4	5 32 6	0	40	of the
26	W	<b>Aug. 1st Abp. Cant</b>	5	6 24 7	1	11	♂ ♀ ♄
27	Th	<b>Venerable Bede</b>	6	7 15 8	1	36	♀ elong. max.
28	F	[ <b>Oxf. T. ends</b>	7	8 6 9	1	58	country, with
29	S	<b>K. Ch. II. rest, 1660.</b>	8	8 58 10	2	20	lightning
30	C	<b>Whit. S. : C. T. d.</b>	9	9 51 11	2	41	and thunder.
31	M	<b>Whit. Mon. [mid.</b>	10	10 46 12	3	5	♂ ♀ ♃

May 1st, 12th of Yiar; 19th, 1st of Sivan; 24th, 6th of Sivan,  
 Pentecost; 25th, 7th of Sivan, 2d day.

The 4 day, at 6 <sup>h</sup> 55 <sup>m</sup> morn. Jupiter	} is in ecliptic conjunction with the Moon.
The 17 day, at 5 11 morn. Mercury	
The 17 day, at 3 11 aftern. Saturn	
The 23 day, at 0 30 morn. Venus	
The 25 day, at 2 20 aftern. Mars	
The 31 day, at 1 11 aftern. Jupiter	

M D	Sun rises		Sun sets		Sun's Declin.
	h.	m.	h.	m.	
1	4	33	7	21	15 N 13
C 4	3	17	22	15	30
3	4	29	7	24	15 48
4	4	28	7	26	16 6
5	4	26	7	27	16 23
6	4	24	7	29	16 40
7	4	22	7	30	16 56
8	4	21	7	32	17 12
C 4	1	9	7	34	17 28
10	4	17	7	35	17 44
11	4	16	7	37	18 0
12	4	14	7	38	18 15
13	4	12	7	40	18 30
14	4	11	7	41	18 44
15	4	10	7	43	18 58
C 4	8	7	44	19	12
17	4	7	46	19	26
18	4	5	47	19	39
19	4	4	48	19	52
20	4	3	50	20	4
21	4	1	51	20	17
22	4	0	53	20	28
C 3	5	9	7	54	20 40
24	3	58	7	55	20 51
25	3	57	7	57	21 2
26	3	56	7	58	21 12
27	3	55	7	59	21 22
28	3	54	8	0	21 32
29	3	53	8	2	21 41
C 3	5	2	8	3	21 50
31	3	51	8	4	21 59

MONTHLY OBSERVATIONS.

The depth of Rain in May, 1850, at Arundel, was 3'59 inches; Carlesgill, 2'93; Cirencester, 3'33; Crewgarth, FULL MOON, 3d. 10h. 23m. aftern. 2'55; Empingham, 1'55; Epping, 2'000; Falmouth, 3'661; Greenwich, 2'465; Plympton, 3'41; and Thwaite, 1'95.

Rain, and in northern districts, hail or sleet, about the 3d, 7th, 18th, 24th, and with thunder about the 28th.

LAST QUAR. 10d. 11h. 23m. aftern.

states, with which she is directly or indirectly connected.

Although there are now some untoward aspects taking place, yet there are others of a counteracting quality transpiring; so that, taking the whole into consideration, it would

NEW MOON, 19d. 3h. 15m. morn.

seem that nothing of a portentous nature at this time is signified by these positions of the planetary bodies, at least so far as relates to this country. Nevertheless, there is a party or parties in the land, on

FIRST QUAR. 26d. 3h. 38m. aftern.

whom the celestial influences for good would seem to have but little effect; if we may judge by the bickerings of those who would wish to sway undue power over their fellow men.

) in perigee, 2d day; apogee, 15th day; perigee, 31st day.  
 ☉'s semidiam. 1st day, 15' 53"; 11th, 15' 51"; 21st, 15' 49".

And can you pensive sit, be frozen still,  
 Like *Scythian* seas, or like an Alpine hill?  
 Can you sit mute amidst the tuneful throng,  
 Nor join in Nature's universal song?  
 While birds, plants, beasts, in symphony conspire,  
 Awake your consort, and complete the choir.

M	W	Fasts and	☉	Moon	D's	D rises	Mutual Asp.
D	D	Festivals.	☽	South.	A	& sets.	& Weather.
			o	h. m.		h. m.	
1	Tu	Whit Tu.: <i>Nico.</i>	11	11 a 43	13	3 m 32	Fair and
2	W	Emb. W.: Ox. T. b.	12	morn.	F	rises	warm.
3	Th	Day incr. 8 35	13	0 42	15	9 a 46	
4	F	½ rises 2 36 mo.	14	1 42	16	10 44	Squally with
5	S	<i>K. Han. b. 1771:</i>	15	2 40	17	11 29	showers for
6	C	<i>Trin. Sun [Bonif.]</i>	16	3 35	18	morn.	a few days.
7	M		17	4 26	19	0 2	
8	Tu	½ sets 2 29 mo.	18	5 14	20	0 30	
9	W	Day 16 27 long	19	5 58	21	0 51	☐ ☽ ♂
10	Th	<i>Corpus Christi</i>	20	6 40	22	1 10	* ☽ ♀
11	F	<i>St. Barnabas</i>	21	7 21	23	1 26	Some bright
12	S	<i>Trin. Term ends</i>	22	8 22	24	1 43	pleasant
13	C	<i>1 Sun. aft. Trin.</i>	23	8 43	25	2 0	weather.
14	M		24	9 26	26	2 18	♀ at great brill.
15	Tu	♂ sets 11 47 aft.	25	10 11	27	2 39	Now somewhat
16	W	Night 7 27 long	26	10 59	28	3 5	changeable.
17	Th	<i>St. Alban</i>	27	11 50	N	sets	☉ eclip. inv.
18	F	♀ sets 10 34 aft.	28	0 a 44	1	9 a 10	Fine growing
19	S	[ <i>Vict. ace.</i> ]	29	1 39	2	10 0	showers.
20	C	<i>2 S. af. Tri.: Qu.</i>	29	2 34	3	10 42	♂ ♀ h: ☽ in ♂
21	M	<i>Qu. Vict. proc.:</i>	☽	3 28	4	11 14	Fair and
22	Tu	[ <i>Longest D.</i> ]	1	4 21	5	11 41	warm.
23	W	[ <i>John Baptist</i> ]	2	5 13	6	morn.	♀ in ♂
24	Th	<i>Mids. Day: Nat.</i>	3	6 3	7	0 4	Dark electrical
25	F	Day 16 33 long	4	6 53	8	0 27	△ ♂ ♀: ☽ perih.
26	S	☽ rises 3 25 mo.	5	7 43	9	0 48	<i>nimbi</i> with
27	C	<i>3 Sun. aft. Trin.</i>	6	8 36	10	1 8	hasty showers.
28	M	<i>Qu. Vict. coron.</i>	7	9 30	11	1 33	♀ stationary.
29	Tu	<i>St. Peter</i>	8	10 27	12	2 1	♂ sup. ☽ ☉: * ☽ ☉
30	W	Night 7 30 long	9	11 26	13	2 37	* ☽ ♂ [♁: * ☽ ♁]

June 1st, 14th of Sivan; 18th, 1st of Tamuz.

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The 14 day, at 4 <sup>h</sup> 42 <sup>m</sup> morn. Saturn	} is in ecliptic conjunction with the Moon.
The 16 day, at 10 49 morn. Mercury	
The 20 day, at 3 51 aftern. Venus	
The 22 day, at 10 6 aftern. Mars	
The 27 day, at 4 4 aftern. Jupiter	

M D	Sun rises		Sun sets		Sun's Declin.	
	h.	m.	h.	m.	°	'
1	3	50	8	52	N	7
2	3	49	8	62		15
3	3	48	8	72		22
4	3	48	8	82		29
5	3	47	8	92		36
C	3	47	8	102		42
7	3	46	8	112		48
8	3	46	8	122		54
9	3	45	8	132		59
10	3	45	8	132		3
11	3	45	8	142		8
12	3	44	8	152		11
C	3	44	8	152		15
14	3	44	8	162		18
15	3	44	8	172		20
16	3	44	8	172		23
17	3	44	8	172		24
18	3	44	8	182		26
19	3	44	8	182		27
C	3	44	8	182		27
21	3	44	8	182		27
22	3	45	8	192		27
23	3	45	8	192		27
24	3	45	8	192		25
25	3	46	8	192		24
26	3	46	8	192		22
C	3	47	8	192		20
28	3	47	8	192		17
29	3	48	8	192		14
30	3	48	8	182		10

MONTHLY OBSERVATIONS.

The depth of Rain in June, 1850, at Arundel, was 2'24 inches; Carlesgill, FULL MOON, 2d. 6h. 26m. morn 4'34; Cirencester, 0'80; Crewgarth, 2'47; Empingham, 0'55; Epping, 0'474; Falmouth, 0'909; Greenwich, 0'980; Plympton, 2'14; and Thwaite, 0'83. Rain, more or less, about the 3d, 10th, 15th, 23d, and 28th days. LAST QUAR. 9d. 3h. 15m. aftern.

The late Δ of Jove and ♀ promises preferment to some eminent female, perhaps a loving husband for a true helpmate: truly, the summum bonum (the chief good), or the object of attainment most desirable to a lady!

NEW MOON, 17d. 4h. 47m. aftern.

At this time the affairs of Europe appear to be getting into better order; and we have frequent ambassadors or agents from foreign parts, upon several occasions, in a friendly spirit, addressing themselves, in the behalf of

FIRST QUAB. 24d. 8h. 47m. aftern.

their masters, to the Queen of Great Britain, in order to the composing and settling matters of great moment amongst them and their people.

Where wisdom goes before, we often find That temporal blessings seldom stay behind

☽ in apogee, 11th day; perigee, 27th day.  
☉'s semidiam. 1st day, 15' 47"; 11th, 15' 46"; 21st, 15' 45".

Now *Phæbus* from his apogean seat  
 Darts his keen ray, and fills our isle with heat;  
 The new-mown grass soon changes into hay:  
 And waving corn is ripening day by day:  
 Anon! the azure skies begin to frown,—  
 A thunder-tempest on the wind is borne.

M	W	Fasts and Festivals.	☉	Moon	☽'s	☽ rises	Mutual Asp. & Weather.
D	D		☿	South.	A	& sets.	
1	Th	Day dec. 0 5	10	h. m.	☽ rises	h. m.	☽ eclipsed inv.
2	F	<i>Visit. B.V.M.</i>	11	0 24	15	9 a 20	* ☿ ♃ : Δ ☿ ♃ :
3	S	<i>Dogdays</i> [Mart.]	12	1 21	16	10 1	[☉ in apogee.]
4	C	<i>4S. af. Tr. Tr. St.</i>	13	2 15	17	10 31	* ☉ ☽
5	M	[ <i>Oxf. Act. Cam. C.</i>	14	3 5	18	10 55	Δ ☉ ♃ : * ☽ ♃
6	Tu	<i>Old Mids. Day:</i>	14	3 52	19	11 14	Weather fickle;
7	W	<i>Thos. à Becket</i>	15	4 35	20	11 32	* ☉ ♃
8	Th	☽ rises 0 31 mo.	16	5 17	21	11 49	therefore be
9	F	<i>Camb. Term ends</i>	17	5 58	22	morn.	Δ ☽ ♃
10	S	<i>Oxf. Term ends</i>	18	6 39	23	0 6	☽ stationary.
11	C	<i>5 Sun. aft. Trin.</i>	19	7 21	24	0 23	active in the
12	M	Day 16 12 long	20	8 5	25	0 44	☽ ☿ ♃
13	Tu	☽ sets 0 7 mo.	21	8 51	26	1 7	hay-field.
14	W	Night 7 51 long	22	9 41	27	1 37	☐ ☿ ♃
15	Th	<i>St. Swithin</i>	23	10 34	28	2 15	Showers, with
16	F	☽ sets 10 13 aft.	24	11 29	29	3 3	bright intervals.
17	S		25	0 a 25	N	sets	☐ ☽ ♃
18	C	<i>6 Sun. aft. Trin.</i>	26	1 21	1	9 a 16	Some heavy
19	M	Day 15 57 long	27	2 16	2	9 46	☐ ☿ ♃
20	Tu	<i>Margaret</i>	28	3 9	3	10 10	rain, with
21	W	Night 8 8 long	29	4 0	4	10 33	☽ inf. ☽ ☉
22	Th	<i>Magdalene</i>	☉	4 50	5	10 53	loud thunder-
23	F		1	5 40	6	11 14	peals.
24	S	[ <i>Ds. Cam. b. 1797</i>	2	6 31	7	11 36	Now fair
25	C	<i>7S. af. Tr. St. Jas.</i>	3	7 24	8	morn.	and dry,
26	M	<i>St. Anne</i>	4	8 19	9	0 3	* ☽ ☽
27	Tu	Day 15 36 long	5	9 16	10	0 36	and at times
28	W	☽ rises 3 56 mo.	5	10 13	11	1 17	☽ in aphelion.
29	Th	☽ sets 8 46 aft.	6	11 10	12	2 8	☽ in ☽
30	F	Night 8 33 long	7	morn.	13	3 11	air sultry.
31	S	Day br. 1 28	8	0 4	F	rises	☐ ☉ ♃

July 1st, 14th of Tamuz; 4th, 17th of Tamuz, Fast, Taking of Jerusalem;  
 17th, 1st of Ab; 25th, 9th of Ab, Fast, Destruction of the Temple.



The 11 day, at 5 <sup>h</sup> 53 <sup>m</sup> aftern. Saturn	} is in ecliptic conjunction with the Moon.
The 17 day, at 3 26 aftern. Venus	
The 18 day, at 5 19 aftern. Mercury	
The 21 day, at 7 17 morn. Mars	
The 24 day, at 10 3 aftern. Jupiter	

M D	Sun rises		Sun sets		Sun's Declin.	MONTHLY OBSERVATIONS.
	h.	m.	h.	m.	°	
	13	49	8	18	23 N 6	<i>The depth of Rain in July 1850, at</i>
	23	50	8	18	23 2	<b>FULL MOON, 1d. 3h. 28m. aftern.</b>
	33	51	8	17	22 57	<i>Arundel, was 2.69 inches; Carlesgill,</i>
C	3	51	8	17	22 52	<i>3.60; Cirencester, 5.13; Creugarth,</i>
	53	52	8	17	22 46	<i>4.06; Empingham, 3.52; Epping, 2.895;</i>
	63	53	8	16	22 40	<i>Falmouth, 3.202; Greenwich, 2.800;</i>
	73	54	8	16	22 34	<i>Plympton, 4.44; and Thwaite, 5.16.</i>
	83	55	8	15	22 27	<i>Rain, with thunder, about the 2d,</i>
	93	56	8	14	22 20	<i>8th, 17th, 22d, and 29th days.</i>
	103	57	8	13	22 12	<b>LAST QUAR. 9d. 8h. 6m. morn.</b>
C	3	58	8	12	22 5	In taking a retrospective view
	123	59	8	12	21 56	of neighbouring nations, many
	134	08	11	21	48	things arrest our attention, as for
	144	18	10	21	39	instance, the inconsistency that was
	154	28	9	21	29	manifested by France a few years
	164	48	8	21	19	ago. In her struggles for liberty she
	174	58	7	21	9	deposed her king; but when the
	C 4	68	6	20	59	<b>NEW MOON, 17d. 4h. 15m. morn.</b>
	194	88	5	20	48	Romans wished to be free from the
	204	98	3	20	37	Papal yoke, France would never
	214	108	2	20	25	rest till by main force she had
	224	118	1	20	13	brought back Pope Pius IX., with
	234	138	0	20	1	the errors and cruelties incorporated
	244	147	58	19	48	with his system of priestly despotism.
C	4	167	57	19	36	<b>FIRST QUAR. 24d. 1h. 1m. morn.</b>
	264	177	55	19	22	BEHOLD, THE RESTORATION OF THE
	274	187	54	19	9	ABOMINABLE INQUISITION IN ROME!!!
	284	207	52	18	55	That the head of the Papal
	294	217	51	18	41	hierarchy should require the secular
	304	237	50	18	26	arm for his support does not speak
	314	247	48	18	12	much
						<b>FULL MOON, 31d. 2h. 11m. morn.</b>

☉ in apogee, 9th day; perigee 22d day.  
 ☉'s semidiam. 1st day, 15' 45"; 11th, 15' 45"; 21st, 15' 46".

Ungoverned wrath, and fell resentment fly :  
 They rend the soul, as tempests rend the sky :  
 Shun peevish humours ; they corrode the breast,  
 And cloud the brow ; are childish at the best :  
 Learn to control your tongue, that restless thing !  
 Of mischief oft, and shame the fatal spring.

M	W	Fasts and	☉	Moon	D's	D rises	Mutual Asp.	
D	D	Festivals.	Ω	South.	A	& sets.	& Weather	
			o	h.	m.	h.	m.	
1	C	8 S. af. Tr. Lam-	9	0	m56	15	8 a 56	Some fair
2	M	[mas Day	10	1	44	16	9 18	hot days
3	Tu	h rises 10 49 aft.	11	2	29	17	9 36	Δ ♀ H
4	W	η sets 10 38 aft.	12	3	12	18	9 54	at the
5	Th	Day br. 1 48	13	3	54	19	10 10	beginning.
6	F	Pr. Alf. b. 1844:	Transfig.	20	10	27	10 27	☐ ☉ η
7	S	Name of Jesus	15	5	16	21	10 45	♀ elong. max.
8	C	9 Sun. aft. Trin.	16	5	58	22	11 7	♀ in aphelion.
9	M	Shooting stars	17	6	43	23	11 34	Showery.
10	Tu	St. Lawrence	18	7	31	24	morn.	☐ ☉ h : * ♀ η
11	W	Dog days end	19	8	22	25	0 8	♀ stationary.
12	Th	Twl. ends 9 57	20	9	16	26	0 51	Fair and
13	F	♂ sets 8 48 aft.	21	10	12	27	1 47	♄ stationary.
14	S	[Assump. B. V. M.	22	11	9	28	2 53	Δ ♀ h
15	C	10 Sun. aft. Trin.	23	0 a	5	N	sets	frequently
16	M	Day decr. 2 4	24	1	0	1	8 a 13	hot.
17	Tu	Ds. Kent b. 1786	25	1	53	2	8 36	Air inclined
18	W	Day 14 23 long	26	2	45	3	8 57	for rain.
19	Th	♀ rises 2 11 mo.	27	3	36	4	9 18	Thunder-
20	F	♀ sets 7 27 aft.	28	4	28	5	9 41	storms in
21	S		29	5	21	6	10 6	♀ stationary.
22	C	11 Sun. aft. Trin.	29	6	15	7	10 37	divers districts.
23	M	Night 9 56 long	η	7	11	8	11 15	
24	Tu	St. Bartholomew	1	8	7	9	morn.	Weather
25	W	Day 13 57 long	2	9	3	10	0 2	continues
26	Th	Pr. Albert b. 1819	3	9	58	11	0 58	♀ at greatest bril.
27	F		4	10	50	12	2 4	unsettled.
28	S	St. Augustine	5	11	38	13	3 14	Now bright
29	C	12 S. aft. Trin.:	6	morn.	F	rises		and pleasant.
30	M	St. Jn. Bap. beh.	7	0	24	15	7 a 42	* ♀ η : h stat.
31	Tu	Night 10 26 long	8	1	8	16	7 59	Δ ☉ H

August 1st, 16th of Ab; 16th, 1st of Elul.

The 8 day, at 5 <sup>h</sup> 20 <sup>m</sup> morn. Saturn	} is in ecliptic conjunction with the Moon.
The 13 day, at 5 48 morn. Venus	
The 17 day, at 10 6 morn. Mercury	
The 18 day, at 8 24 aftern. Mars	
The 21 day, at 7 15 morn. Jupiter	

M	Sun rises	Sun sets	Sun's Declin.
D	h. m.	h. m.	° ' "

C 4	26 7	46 17	N 56
24	27 7	45 17	41
34	29 7	43 17	25
44	30 7	41 17	9
54	32 7	40 16	53
64	33 7	38 16	37
74	35 7	36 16	20
C 4	36 7	34 16	3
94	38 7	32 15	46
104	40 7	31 15	28
114	41 7	29 15	10
124	43 7	27 14	52
134	44 7	25 14	34
144	46 7	23 14	16
C 4	48 7	21 13	57
164	49 7	19 13	38
174	51 7	17 13	19
184	52 7	15 12	59
194	54 7	13 12	40
204	55 7	11 12	20
214	57 7	9 12	0
C 4	59 7	7 11	40
235	07	5 11	19
245	27	2 10	59
255	37	0 10	38
265	56	58 10	17
275	76	56 9	56
285	86	54 9	35
C 5	106	52 9	14
305	116	50 8	52
315	136	47 8	31

## MONTHLY OBSERVATIONS.

The depth of Rain in Aug. 1850, at Arundel, was 3'32 inches; Carlesgill, 8'98; Cirencester, 1'86; Crewgarth, 2'82; Empingham, 1'47; Epping, 1'089; Falmouth, 2'721; Greenwich, 1'792; Plympton, 4'22; and Thwaite, 1'76. Rain on the 6th, 14th, 19th, 23d, and 30th. Attend to your barometer.

**LAST QUAR. 8d. 1h. 26m. morn.**

much for his infallibility. These things are opening the eyes of the people, who are beginning to see through the trickeries and absurdities practised upon them for the sake of delusion.

**NEW MOON, 15d. 1h. 58m. aftern.**

The mummeries that are in vogue in the Roman Catholic Church are even now ridiculed by those who were once votaries to their deceptions; or why should it require soldiers to force people to attend these absurd exhibi-

**FIRST QUAR. 22d. 6h. 1m. morn.**

tions? Good will come out of evil here I have no doubt!

How mysterious are the ways of Providence! — The attempts which the Pope made in 1850 to increase his power in England, were the best

**FULL MOON, 29d. 3h. 6m. aftern.**

**This is the Harvest Moon.**

he

☽ in apogee, 6th day; perigee, 18th day.

☉'s semidiam. 1st day, 15' 47"; 11th, 15' 48"; 21st, 15' 50".

18 SEPTEMBER XXX Days.

Nature, profusely good, with bliss o'erflows,  
 And still she's pregnant, though she still bestows!  
 Luxuriant waving in the wanton air,  
 The golden grain rewards the peasant's care;  
 The vines mature, in purple clusters glow,  
 And heaven above diffuses heaven below!

M	W	Fasts and Festivals.	☉	Moon	D's	D rises	Mutual Asp. & Weather
D	D		☉	South.	A	& sets.	
			o	h. m.		h. m.	
1	W	<i>Giles</i>	9	1m 50	17	8 a 15	Still fair
2	Th	Lon.bt.1666, O.S.	10	2	31 18	8 33	and pleasant,
3	F	Day br. 3 12	11	3	12 19	8 50	
4	S	☿ rises 8 45 aft.	12	3	54 20	9 9	♂ inf. ♀ ☉
5	C	13 Sun. aft. Trin.	13	4	37 21	9 33	and frequently
6	M	[Old Barth.	14	5	23 22	10 4	♂ ♀ ♃
7	Tu	<i>Enurachus</i>	15	6	12 23	10 41	very warm,
8	W	<i>Nativity B.V.M.</i>	16	7	3 24	11 29	△ ♀ ♃
9	Th	♃ sets 8 25 aft.	17	7	57 25	morn.	and suitable
10	F	♂ sets 7 28 aft.	18	8	53 26	0 31	♂ in ☿
11	S	Twi. ends 8 23	19	9	49 27	1 42	✕ ☉ ♃
12	C	14 Sun. aft. Trin.	20	10	45 28	3 1	for the latter
13	M	Day decr. 3 50	21	11	40 N	sets	♃ stationary.
14	Tu	<i>Holy Cross</i>	22	0 a 33	1 6 a 59		harvest.
15	W	<i>Ember Week</i>	23	1	26 2	7 21	
16	Th	Day 12 32 long	24	2	19 3	7 42	☐ ♀ ♃ : ♀ in ☿
17	F	<i>Lambert</i>	25	3	13 4	8 7	Showery
18	S	Geo. I. & II. land	26	4	9 5	8 37	△ ♀ ♃
19	C	15 Sun. aft. Trin.	27	5	6 6	9 13	about this time.
20	M	Night 11 43 long	28	6	3 7	9 57	♀ elong. max.
21	Tu	<i>St. Matthew</i>	29	6	59 8	10 51	♀ in perihelion.
22	W	Day 12 9 long	☉	7	54 9	11 55	Often rainy.
23	Th	♀ rises 1 36 mo.	1	8	46 10	morn.	
24	F	Equal day & night	2	9	35 11	1 3	Fair and dry;
25	S	[ <i>St. Cyprian</i>	3	10	22 12	2 14	a real
26	C	16 Sun. aft. Trin.	4	11	5 13	3 25	☐ ♀ ♃ : △ ♀ ♃
27	M	Night 12 11 long	5	11	47 14	4 33	Michaelmas
28	Tu	♀ rises 4 29 mo.	5	morn.	F	rises	summer.
29	W	<i>Michaelmas Day</i>	6	0	28 16	6 a 38	♂ ♀ ♃ : ✕ ♀ ♃
30	Th	<i>St. Jerome</i>	7	1	9 17	6 54	♀ elong. max.

Sept. 1st, 17th of Elul; 14th, 1st of Tisri (Jewish year 5613 begins); 15th, 2d of Tisri, 2d day; 16th, 3rd of Tisri, Fast of Guedaliah; 23d, 10th of Tisri, Fast of Expiation; 28th, 15th of Tisri, Feast of Tabernacles; 29th, 16th of Tisri, 2d day.

The 4 day, at 1 <sup>b</sup> 45 <sup>m</sup> aftern. Saturn	} is in ecliptic conjunction with the Moon.
The 10 day, at 3 0 aftern. Venus	
The 12 day, at 10 49 aftern. Mercury	
The 16 day, at 11 10 morn. Mars	
The 17 day, at 8 41 aftern. Jupiter	

M D	Sun rises		Sun sets		Sun's Declin.		MONTHLY OBSERVATIONS.
	h.	m.	h.	m.	°	'	
	15	15	6	45	8	N 9	<i>The depth of Rain in Sept. 1850, at Arundel, was 2'69 inches; Carlesgill, 2'53; Cirencester, 1'59; Crewgarth, 1'16; Empingham, 1'80; Epping, 1'500; Falmouth, 4'916; Greenwich, 1'614; Plympton, 5'81; and Thwaite, 1'26.</i> <b>LAST QUAR. 6d. 6h. 34m. aftern.</b> Rain, more or less, may be expected about the 6th, 10th, 20th, and 28th days; the day before or day after.
	25	16	6	43	7	47	
	35	18	6	41	7	25	
	45	19	6	38	7	3	
C 5	21	6	36	6	41		
	65	23	6	34	6	18	
	75	24	6	32	5	56	
	85	26	6	29	5	33	
	95	27	6	27	5	10	
	105	29	6	25	4	48	
	115	31	6	22	4	25	he could have devised if the opposite had been his intention! Parties <b>NEW MOON, 13d. 10h. 38m. aftern.</b> in other Churches have done precisely the same by way of making themselves important, and have met with a similar mortifying rebuke. How much more desirable would it be for the professors of religion, not <b>FIRST QUAR. 20d. 1h. 17m. aftern.</b> intoxicated with the love of power, always to remember that Christ has said — "If I, your Lord and Master, have washed your feet, you ought to wash one another's feet," — and thereby teaching the lessons of love and benevolence, together with <b>FULL MOON, 28d. 6h. 25m. morn.</b> those of Christian equality. Hence the religious despot is <i>made to feel</i> that he
C 5	32	6	20	4	2		
	135	34	6	18	3	39	
	145	35	6	16	3	16	
	155	37	6	13	2	53	
	165	39	6	11	2	29	
	175	40	6	9	2	6	
	185	42	6	6	1	43	
C 5	43	6	4	1	20		
	205	45	6	2	0	56	
	215	47	5	59	0	33	
	225	48	5	57	0	9	
	235	50	5	55	0	s 14	
	245	51	5	52	0	37	
	255	53	5	50	1	1	
C 5	55	5	48	1	24		
	275	56	5	46	1	48	
	285	58	5	43	2	11	
	296	0	5	41	2	34	
	306	1	5	39	2	58	

☽ in apogee, 3d day; perigee, 15th day; apogee, 30th day.  
 ☉'s semidiam. 1st day, 15' 53"; 11th, 15' 55"; 21st, 15' 58".

Reader, if thou wouldst happiness attain,  
 Subdue thy passions, see that reason reign;  
 Do good to all, oppress not any one;  
 Assist the poor, the widow, and her son:  
 Be not with lust or appetite decoyed,  
 And evil customs of the world avoid.

M	W	Fasts and Festivals.	☉	Moon	☽'s	☽ rises	Mutual Asp. & Weather.
D	D		☾	South.	A	& sets.	
			o	h. m.		h. m.	
1	F	<i>Remigius</i>	8	1 m 51	18	7 a 13	☐ ♀ ♃
2	S	Day br. 4 11	9	2	34 19	7	35
3	C	<i>17 Sun. aft. Trin.</i>	10	3	18 20	8	2
4	M	Twi. ends 7 23	11	4	5 21	8	37
5	Tu	☿ rises 6 42 aft.	12	4	55 22	9	19
6	W	<i>Faith</i>	13	5	47 23	10	13
7	Th	Day decr. 5 24	14	6	41 24	11	18
8	F		15	7	35 25		
9	S	<i>St. Denys</i> [C.T.b.]	16	8	29 26	0	31
10	C	<i>18 Sun. aft. Trin.</i>	17	9	23 27	1	52
11	M	<i>O.M.D.: O.T.b.</i>	18	10	17 28	3	16
12	Tu	Least twilight	19	11	10 29	4	42
13	W	<i>Trs. K. Ed. Conf.</i>	20	0 a	4 N	sets	Fair and
14	Th	Day 10 43 long	21	0	59 1	6 a 7	pleasant
15	F	☿ sets 6 20 aft.	22	1	56 2	6	35
16	S	[ <i>Etheldreda</i> ]	23	2	54 3	7	7
17	C	<i>19 Sun. aft. Trin.</i>	24	3	53 4	7	49
18	M	<i>St. Luke</i>	25	4	52 5	8	43
19	Tu		26	5	49 6	9	44
20	W	Night 13 40 long	27	6	43 7	10	53
21	Th	♂ sets 5 44 aft.	28	7	33 8		
22	F	♀ rises 2 21 mo.	29	8	20 9	0	3
23	S	Day 10 8 long	☾	9	5 10	1	14
24	C	<i>20 Sun. aft. Trin.</i>	1	9	47 11	2	24
25	M	<i>Crispin</i>	2	10	28 12	3	32
26	Tu		3	11	8 13	4	39
27	W	♀ sets 4 51 aft.	4	11	49 F	rises	♂ ♂ ♃
28	Th	<i>St. Sim. &amp; St. Jude</i>	5	morn.	15	5 a 18	of the
29	F	Night 14 14 long	6	0	32 16	5	39
30	S		7	1	16 17	6	4
31	C	<i>21 Sun. aft. Trin.</i>	8	2	2 18	6	35

October 1st, 18th of Tisri; 4th, 21st of Tisri, Last day of the Festival; 5th, 22d of Tisri, Feast of the 8th day; 6th, 23d of Tisri, Rejoicing of the Law; 14th, 1st of Hesvan.

The 1 day, at 6 <sup>h</sup> 41 <sup>m</sup> aftern. Saturn	} is in ecliptic conjunction with the Moon.
The 9 day, at 11 58 aftern. Venus	
The 13 day, at 0 52 morn. Mercury	
The 15 day, at 4 36 morn. Mars	
The 15 day, at 2 17 aftern. Jupiter	
The 28 day, at 9 1 aftern. Saturn	

M D	Sun		Sun's		MONTHLY OBSERVATIONS.
	rises	sets	Declin.		
	h.	m.	h.	m.	
	16	35	36	3 s 21	<i>The depth of Rain in Oct. 1850, at Arundel, was 2.48 inches; Carlesgill, 3.39; Cirencester, 1.79; Crewgarth, 3.48; Empingham, 2.05; Epping, 1.740; Falmouth, 2.341; Greenwich, 1.550; Plympton, 4.06; and Thwaite, 2.14.</i> <b>LAST QUAR. 6d. 10h. 36m. morn.</b> Rain may be looked for on or about the 4th, 9th, 14th, and 24th days.
	26	55	34	3 44	
C	6	65	32	4 8	
	46	85	29	4 31	
	56	95	27	4 54	
	66	115	25	5 17	
	76	135	23	5 40	
	86	155	21	6 3	
	96	165	18	6 26	
C	6	185	16	6 49	
	116	205	14	7 11	he stands at the antipodes of a true follower of Christ, and is as much opposed to the system taught by our <b>NEW MOON, 13d. 7h. 14m. morn.</b> Saviour, as darkness is to light, ignorance to knowledge, and peace to war! The two great superior planets, ♃ and ♃, which were in ♄ in June, <b>FIRST QUAR, 19d. 11h. 56m. aftern.</b> were again in ♄ in September:—this is an important aspect in astrological science, and the one repeated this year is connected with the following particulars—♃ is in ♄, the night-house of ♀, and ♃ in ♃, the night-house of ♂. Hence great commotions <b>FULL MOON, 27d. 11h. 54m. aftern.</b> may be expected in divers parts of the earth, especially those regions under ♄ and ♃, such as Judea, Norway, Barbary,
	126	215	12	7 34	
	136	235	10	7 56	
	146	255	7	8 19	
	156	265	5	8 41	
	166	285	3	9 3	
C	6	305	1	9 25	
	186	324	59	9 47	
	196	334	57	10 9	
	206	354	55	10 30	
	216	374	53	10 52	
	226	394	51	11 13	
	236	404	49	11 34	
C	6	424	47	11 55	
	256	444	45	12 16	
	266	464	43	12 36	
	276	474	41	12 57	
	286	494	39	13 17	
	296	514	37	13 37	
	306	534	35	13 57	
C	6	544	33	14 16	

♃ in perigee, 13th day; apogee, 27th day.

♃'s semidiam. 1st day, 16' 1"; 11th, 16' 3"; 21st, 16' 6".

Now, if thou wouldst, as reason bids thee crave,  
 Thy happiness extend beyond the grave,  
 The unerring Gospel make thy looking-glass,  
 And fall in love with virtue's charming face :  
 Then through this world thou may'st securely guide  
 Thy feeble bark, 'mid adverse winds and tide.

M	W	Fasts and Festivals.	☉	Moon	☽'s	☽ rises	Mutual Asp. & Weather.
D	D		h. m.	South.	A	& sets.	
1	M	All Saints, or Allhallows	11	4	19	7 a 15	Fair at the
2	Tu	All Souls: Mich. Term beg.	11	4	20	8	beginning.
3	W	☽ sets 7 18 mo.	11	4	21	9	
4	Th	K.W.III.land.	12	5	22	10 13	☿ in aphelion.
5	F	Gun. Plot, 1605.	13	6	23	11 28	Frost and
6	S	Leonard	14	7	24	morn.	♁ ☉ ♃
7	C	22 Sun. aft. Trin.	15	8	25	0 48	rain alter-
8	M	☽ sets 4 59 aft.	16	8	26	2 10	nately.
9	Tu	Pr.W.b.1841.Ld.Mayor'sD.	18	10	27	3 35	♁ ♃ ♃
10	W	Day br. 5 15	18	10	28	5	1 A dull and
11	Th	St Martin	19	11	29	sets	moist at-
12	F	Cam.T.div.m.: shooting stars	1	5 a	0	5 a 0	mosphere.
13	S	Britius	21	1 a	36	2 5	38
14	C	23 Sun. aft. Trin.	22	2	37	3 6	28 ✕ ♀ ♂
15	M	Machutus	23	3	37	4 7	28 Mild and
16	Tu	Twi. ends 6 7	24	4	35	5 8	37 calm.
17	W	Hugh Bp. Linc.	25	5	28	6 9	49 ♀ in perihelion.
18	Th	♁ sets 4 53 aft.	26	6	17	7 11	2 ☉ ♃ ♂
19	F	Day dec. 7 58	27	7	3	8	morn.
20	S	Edm. K. & Mart.	28	7	46	9 0	13 Mostly fair.
21	C	24 S. af. T.: Ps. R. b.	29	8	27	10 1	21
22	M	St. Cecilia [1840]	1	9	7	11 2	29 Some foggy
23	Tu	St. Clement	1	9	48	12 3	35 weather
24	W	Day 8 22 long	2	10	30	13 4	42 may now be
25	Th	Mich. T. e.: Cath.	3	11	14	14 5	49 expected.
26	F	Night 15 43 long	4	11	59	F rises	♁ ☉ ♃
27	S	♀ rises 3 51 mo.	5	morn.	16	4 a 37	Cold winds
28	C	Advent Sunday	6	0	48	17 5	13 with rain
29	M	♁ sets 4 53 aft.	7	1	38	18 5	59 ✕ ♃ ♃
30	Tu	St. Andrew	9	2	30	19 6	56 or snow.

November 1st, 19th of Hesvan; 12th, 1st of Kislev.

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The 8 day, at 4 <sup>h</sup> 21 <sup>m</sup> aftern. Venus	} is in ecliptic conjunction with the Moon.
The 12 day, at 10 48 morn. Jupiter	
The 12 day, at 4 54 aftern. Mercury	
The 13 day, at 0 42 morn. Mars	
The 24 day, at 10 56 aftern. Saturn	

M	Sun rises	Sun sets	Sun's Declin.
D	h. m.	h. m.	°
16	56 4	31 14	s 35
26	58 4	30 14	54
37	04	28 15	13
47	14	26 15	32
57	34	24 15	50
67	54	22 16	8
C 7	74	21 16	26
87	94	19 16	43
97	114	17 17	0
107	124	16 17	17
117	144	15 17	34
127	164	13 17	50
137	174	12 18	6
C 7	194	10 18	22
157	214	9 18	37
167	234	7 18	52
177	244	6 19	7
187	264	5 19	21
197	284	4 19	35
207	294	2 19	49
C 7	314	1 20	2
227	334	0 20	15
237	343	59 20	28
247	363	58 20	40
257	383	57 20	52
267	393	56 21	3
277	413	55 21	14
C 7	423	55 21	24
297	443	54 21	35
307	453	53 21	44

MONTHLY OBSERVATIONS.

The depth of Rain in Nov. 1850, at Arundel, was 4'15 inches; Carlesgill, 10'67; Cirencester, 3'03; Crewgarth, 2'79; Empingham, 1'33; Epping, 2'449; Falmouth, 4'641; Greenwich, 2'472; **LAST QUAR. 5d. 0h. 41m. morn.**

Plympton, 7'13; and Thwaite, 2'30. Atmospheric precipitations (rain, sleet, or snow), about the 8th, 15th, 19th, 23d, and 28th days of this month. **NEW MOON, 11d. 4h. 41m. aftern.**

Barbary, Upper Bavaria, &c.; also Ireland, Holland, Poland, the Archipelago, &c.

Respecting our own country, in this year much will be done in the **FIRST QUAR. 18d. 2h. 27m. aftern.**

retrenchment of the expenditure attending the affairs of the government;—also in the amendment of our civil and criminal laws,—in improving the condition of the poor, &c.

Drawing now towards the conclu- **FULL MOON, 26d. 6h. 41m. aftern.**

sion of another year, let us sincerely pray that prosperity and happiness, like a glorious halo, may surround the head of our beloved Queen Victoria, for the anxiety

) in perigee, 11th day; apogee, 24th day.  
 ☉'s semidiam. 1st day, 16' 9"; 11th, 16' 11"; 21st, 16' 13".

24 DECEMBER XXXI Days.

Time ends this year!—O may our life afford  
Such themes as these for conscience to record:—  
Duties performed, time zealously employed,  
Talents improved, and happiness enjoyed,  
Errors corrected, sins and failings mourned;  
Blessings received, and grateful praise returned.

M	W	Fasts and Festivals.	☉	Moon	D's	D rises	Mutual Asp. & Weather.
D	D		♄	South.	A	& sets.	
			°	h. m.		h. m.	
1	W	Day br. 5 43	10	3m 23	20	8 a 1	Blustering
2	Th	h sets 5 12 mo.	11	4 15	21	9 13	☽ elong. max.
3	F	☿ rises 7 15 mo.	12	5 7	22	10 30	winds with
4	S	Twi. ends 5 56	13	5 57	23	11 49	△ ☿ ♀
5	C	2 Sun. in Advent	14	6 46	24	morn.	drizzling rain
6	M	Nicholas	15	7 36	25	1 9	or snow.
7	Tu	Day dec. 8 39	16	8 27	26	2 32	
8	W	Concept. B. V. M.	17	9 19	27	3 58	Dry and
9	Th		18	10 15	28	5 25	frosty for
10	F	♂ sets 4 29 aft.	19	11 14	29	6 52	a few days,
11	S	Day 7 50 long	20	0 a 15	N	sets	☉ eclip. inv. ☽ st.
12	C	3 Sun. in Advent	21	1 18	1	5 a 8	and followed
13	M	Lucy	22	2 19	2	6 15	♀ in ☉
14	Tu	Night 16 13 long	23	3 16	3	7 27	by ☿.
15	W	Ember Week	24	4 8	4	8 42	
16	Th	C. T. e. : O! Sap.	25	4 57	5	9 56	♂ ☽ ♂ : △ ♂ ♀
17	F	Oxf. Term ends	26	5 42	6	11 8	Some strong
18	S	Day 7 45 long	27	6 24	7	morn.	☽ in perihelion.
19	C	4 Sun. in Advent	28	7 5	8	0 16	gales with
20	M	Night 16 15 long	29	7 46	9	1 23	♂ inf. ☽ ☉
21	Tu	St. Thos. : Sh. D.	☿	8 27	10	2 30	increasing
22	W	Day 7 45 long	1	9 10	11	3 37	temperature.
23	Th	♀ rises 5 7 mo.	2	9 55	12	4 45	Now look
24	F	Night 16 15 long	3	10 42	13	5 53	out for much
25	S	Christmas Day	4	11 33	14	6 59	downfall,
26	C	1 S. af. Ch. : St. St.	5	morn.	F	rises	△ ☉ ♀ : decl. inv.
27	M	St. John Evan.	6	0 25	16	4 a 49	which may
28	Tu	Innocents	7	1 18	17	5 52	probably be
29	W	☽ rises 6 35 mo.	8	2 12	18	7 4	snow.
30	Th	Day incr. 0 4	9	3 4	19	8 19	☉ in perigee.
31	F	Silvester	10	3 55	20	9 37	☽ stationary.

Dec. 1st, 20th of Kislev; 6th, 25th of Kislev, Dedication of the Temple;  
12th, 1st of Tebet; 21st, 10th of Tebet, Fast, Siege of Jerusalem.

The 8 day, at 11 h. 22 m. morn.	Venus	} is in ecliptic conjunction with the Moon.
The 10 day, at 7 h. 57 m. morn.	Jupiter	
The 11 day, at 11 h. 5 m. aftern.	Mars	
The 12 day, at 8 h. 5 m. morn.	Mercury	
The 22 day, at 2 h. 44 m. morn.	Saturn	

M	Sun rises	Sun sets	Sun's Declin.	MONTHLY OBSERVATIONS.
	h. m.	h. m.	° ' "	
1	7 46	3 52	21 55 54	<i>The depth of Rain in Dec. 1850, at Arundel, was 2.94 inches; Carlesgill, 8.21; Cirencester, 2.82; Crewgarth, 1.51; Empingham, 2.30; Epping, 1.516;</i>
2	7 48	3 52	22 3	<b>LAST QUAR.</b> 4d. 0h. 22m. aftern.
3	7 49	3 51	22 11	<i>Falmouth, 4.505; Greenwich, 1.585; Plympton, 5.56; and Thwaite, 1.92.</i>
4	7 51	3 51	22 19	Rain or snow, more or less, may be expected on the 1st, 6th, 14th, 22nd, and 28th days of this month, the day before or the day after.
C 7	52 3	50	22 27	<b>NEW MOON,</b> 11d. 3h. 32m. morn.
6	7 53	3 50	22 34	which she constantly manifests for the welfare of the nation at large, and for the diffusion of knowledge and liberality throughout these realms, to the benefit of all grades of society.
7	7 54	3 50	22 41	
8	7 55	3 49	22 47	
9	7 56	3 49	22 53	
10	7 58	3 49	22 58	
11	7 59	3 49	23 3	
C 8	0 3	49	23 8	
13	8 03	49	23 12	
14	8 13	49	23 16	
15	8 23	49	23 19	
16	8 33	49	23 21	
17	8 43	49	23 23	
18	8 53	50	23 25	
C 8	5 3	50	23 26	<b>FIRST QUAR.</b> 18d. 8h. 39m. morn.
20	8 63	50	23 27	twelve months, it appears that the depth of rain for the whole year 1850, at
21	8 63	51	23 28	<i>Arundel was 32.21 inches; Carlesgill, 65.40; Cirencester, 28.30; Crewgarth, 26.53; Empingham, 19.32; Epping, 19.691; Falmouth, 38.716; Greenwich, 20.406; Plympton, 56.83; and Thwaite,</i>
22	8 73	51	23 27	<b>FULL MOON,</b> 26d. 1h. 10m. aftern.
23	8 73	52	23 27	<i>22.78; making, with respect to the places mentioned, the mean annual fall</i>
24	8 83	52	23 26	<i>33.018 inches; and this is equivalent to 13,832 hogsheads per acre, which in weight is about three thousand three</i>
25	8 83	53	23 24	<i>hundred and thirty-five tons.</i>
C 8	8 3	54	23 22	
27	8 83	55	23 19	
28	8 93	55	23 16	
29	8 93	56	23 13	
30	8 93	57	23 9	
31	8 93	58	23 5	

☽ in perigee, 9th day; apogee, 21st day.

☉'s semidiam. 1st day, 16' 15"; 11th, 16' 16"; 21st, 16' 17".

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B

The Dominion of the Moon  
in Man's Body, passing  
under the Twelve Zodiacal  
Constellations.

- ♈ *Aries*, Head and Face.  
♉ *Taurus*, Neck and Throat.  
♊ *Gemini*, Arms and Shoulders.  
♋ *Cancer*, Breast and Stomach.  
♌ *Leo*, Heart and Back.  
♍ *Virgo*, Bowels and Belly.  
♎ *Libra*, Reins and Loins.  
♏ *Scorpio*, Secret Members.  
♐ *Sagittarius*, Hips and Thighs.  
♑ *Capricorn*, Knees and Hams.  
♒ *Aquarius*, Legs and Ankles.  
♓ *Pisces*, Feet and Toes.

Names and Characters of the PLANETS,  
with *Dragon's Head* & *Dragon's Tail*.

☉ the SUN.

- ♄ Saturn. ♃ Jupiter. ♀ Mars.  
♀ Venus. ☿ Mercury. ☾ the Moon.  
♁ Dragon's Head. ☿ Dragon's Tail.

PLANETS discovered since 1780.

- ♃ Uranus. ♃ Ceres.  
♀ Pallas. ♃ Juno. ☿ Vesta.

The Characters of the ASPECTS.

- ♋ Conjunction. \* Sextile.  
♌ Opposition.  
♍ Trine. □ Quartile.

### LAW TERMS AND RETURNS.

1. HILARY TERM — begins Jan. 11 — ends Jan. 31 — comprises 21 days.
2. EASTER TERM — begins April 15 — ends May 8 — 24 days.
3. TRINITY TERM — begins May 22 — ends June 12 — 22 days.
4. MICHAELMAS TERM — beg. Nov. 2 — ends Nov. 25 — 24 days.

It is enacted, "That all Writs now usually returnable before the Courts of King's Bench, Common Pleas, or Exchequer respectively, on general Return Days, that shall be made returnable after the 1st day of January in 1831, may be made returnable on the third day exclusive before the commencement of each Term, or on any day, not being *Sunday*, between that day and the 3d day exclusive before the last day of the Term; and the day for Appearance shall, as heretofore, be the 3d day after such Return, exclusive of the day of the Return; or in case such 3d day shall fall on a *Sunday*, then on the 4th day after such Return, exclusive of such day of Return. All other Writs must be made returnable on a day in full Term."

### NAMES OF THE LEARNED JUDGES OF THE LAW.

#### I. CHANCERY.

- |                                   |   |   |   |                       |
|-----------------------------------|---|---|---|-----------------------|
| Right hon. Lord Truro             | - | - | - | Lord High Chancellor. |
| Right hon. Sir John Romilly       | - | - | - | Master of the Rolls.  |
| Right hon. Sir J. L. Knight Bruce | } | - | - | Vice-Chancellors.     |
| Right hon. Sir James Wigram       |   |   |   |                       |
| Right hon. Lord Cranworth         | - | - | - |                       |

II. QUEEN'S BENCH: Right Hon. Lord Campbell, L.C.J.  
Sir J. Patteson: Sir J. T. Coleridge: Sir W. Wightman: Sir E. V. Williams.

III. COMMON PLEAS: Right Hon. Sir John Jervis, L.C.J.  
Sir W. H. Maule: Sir Cresswell Cresswell: Sir W. Erle: Sir T. N. Talfourd.

IV. EXCHEQUER: Right Hon. Sir Fred. J. Pollock, L.C.B.  
Rt. Hon. Sir J. Parke: Sir E. H. Alderson: Sir R. M. Rolfe: Sir T. J. Platt.

V. BANKRUPTCY COURT: Sir J. L. Knight Bruce, Judge of Review.  
Joshua Evans, J. S. M. Fonblanque, R. G. C. Fane, E. Holroyd, } Commissioners.  
esqrs., and Serjeant Goulburn  
Chief Registrar, Mr. Serj. E. Lawes: Deputy, B. H. Abraham.  
Attorney Gen., Sir Alex. Cockburn: Solicitor Gen., Sir Wm. Page Wood.

### REGULATIONS RESPECTING ELECTIONS.

1852 — Notice to receive claims for Votes must be given by Overseers on June 20.  
— Lists of Electors must be made by July 31. — Persons objecting to claims for Votes must give notice by Aug. 25. — Barristers must hold their Revision Courts between Sept. 15. and Oct. 25. — Lists to be copied into books, and the books to be delivered by Oct. 31.; and such books to be considered the Register of the Electors.

## COMMON NOTES for the Year 1852.

Lunar Cycle, or Golden Number	- 10	Lent begins	- - - -	Feb. 25
Epact	- - - -	EASTER DAY	- - - -	Apr. 11
Dominical Letters	- - - -	DC	- - - -	May 16
Cycle of the Sun	- - - -	Ascension Day	- - - -	May 20
EPIPHANY	- - - -	WHIT SUNDAY	- - - -	May 30
Sundays after Epiphany	- - - -	TRINITY SUNDAY	- - - -	June 6
Number of Direction	- - - -	Sundays after Trinity	(twenty-four)	
SEPTUAGESIMA Sunday	- - - -	ADVENT SUNDAY	- - - -	Nov. 28

## THINGS TO BE BORNE IN MIND.

**In JANUARY.** That the January dividends at the Bank are payable on the 8th. That before the 8th, *Fire Insurance* policies, due at Christmas, must be paid. That *Hilary Term* begins on the 11th, ends on the 31st. That most of the *Quarter Sessions* are held in the first week of this month.

**In FEBRUARY.** That the 3d is Bishop Blase's holiday, the 14th St. Valentine, and the 25th is *St. Matthias*, and is a Holiday at several of the Public Offices.

**In MARCH.** Remember *St. David's* and *St. Patrick's* days. Municipal assessors appointed on the 1st; also, that Highway Surveyors and Overseers are to be appointed on the 25th, and the old Overseers verify their accounts within fourteen days.

**In APRIL.** Returns relative to the *Assessed Taxes* are delivered early in this month. Dividends due April 5th are payable on the 8th. *Fire Insurance* due at Lady-day must be paid before the 8th. That *Easter Term* begins on the 15th. *Quarter Sessions*, 1st week in this month.

**In MAY.** That *Easter Term* ends on the 8th, that the hop-duty is collected on the 15th, that the 24th is the *QUEEN'S* birth-day. And remember "round about the May-pole" from the 1st to the 13th; if the May-pole is falling, subscribe for another, or apply to the Lord of the Manor, and see what he will do.

**In JUNE.** Overseers, on the 20th, to fix on the church doors notices as to persons qualified to vote for counties; persons on the register need not make a new claim, unless the qualification has been changed. Drink the *Queen's* health again on the 20th. *Trinity Term*, which began May 22d, ends the 12th of this month. So farewell to the Lawyers until November. *Quarter Sessions*, the last week.

**In JULY.** Midsummer dividends are payable on the 8th, and *Fire Insurance* premiums paid before the 8th. Appraisers' Licences (who are not auctioneers) to be taken out on the 5th. The 20th is the last day for sending in claims as county voters. Before this day, also, parliamentary electors, in cities and boroughs, must have paid poor's rates and house-duty to the 5th of April preceding, or lose their votes for the next year. Lists of Electors to be made out by overseers on or before the 31st. *St. Swithin* is an old deceiver; do not regard him.

**In AUGUST.** Expect shooting stars about the 9th. The 1st and 8th, being the 1st and 2d Sundays, Borough and County Lists to be affixed on church doors signed by the Overseers. Hawkers' and Pedlars' Licences taken out on the 1st. All taxes and rates due March 1, must be paid on or before the end of this month by persons claiming to be enrolled as Burgesses.—*Mun. Corp. Act.*

**In SEPTEMBER.** On the 1st, Lists of objections to both county and borough electors to be affixed on church doors.

**In OCTOBER.** Dividends due Oct. 10th are payable on the 14th. Revising Barristers to hold their courts between Sept. 15, and Oct. 31. Michaelmas *Fire Insurances* must be paid before the 13th. Bankers' Licences taken out on the 10th. *Quarter Sessions* in the first week after the 11th.

**In NOVEMBER.** 1st. Borough Councillors to be elected. The 1st a Holiday at some of the Public Offices. 9th. *Mayors and Aldermen* to be elected. 12th. Look out for shooting stars. 15th. Hop duty collected, and Attorneys' certificates to be taken out. Don't let Allhallows day be quite forgotten; but forget, if you safely can, that Michaelmas Term begins on the 2d and ends on the 25th.

**In DECEMBER.** Forget not the Christmas festivities; nor neglect to ascertain how affairs stand with regard to your accounts, your families, your bodies, your souls. TIME is the most irresistible of all innovators; but if you have built on a right foundation for eternity, you need not fear him.

A TABLE OF THE  
KINGS AND QUEENS OF ENGLAND,

SINCE THE CONQUEST.

Kings and Queens.	Born A. D.	Reigns began.	Reigned Y. M. D.	Reigns ended.	Age.	Where buried.
Will. Conq.	1027	1066 Dec. 25	20 8 15	1087 Sept. 9	60	Caen, Norm.
Will. Rufus	1057	1087 Sept. 26	13 10 7	1100 Aug. 2	43	Winchester.
Henry I.	1068	1100 Aug. 5	35 3 27	1135 Dec. 1	67	Reading.
Stephen	1105	1135 Dec. 26	18 10 0	1154 Oct. 25	49	Faversham.

THE SAXON LINE RESTORED.

Henry II.	1133	1154 Dec. 19	34 6 18	1189 July 6	56	Fontevrault.
Richard I.	1156	1189 Sept. 3	9 7 3	1199 April 6	43	Fontevrault.
John	1165	1159 May 27	17 4 23	1216 Oct. 19	51	Worcester.
Henry III.	1207	1216 Oct. 28	56 0 19	1272 Nov. 16	65	Westminster.
Edward I.	1239	1272 Nov. 20	34 7 17	1807 July 7	67	Westminster.
Edward II.	1284	1807 July 8	19 6 12	1327 Jan. 20	43	Gloucester.
Edward III.	1312	1327 Jan. 25	50 4 27	1377 June 21	65	Westminster.
Richard II.	1366	1377 June 22	22 3 7	1399 Sept. 29	33	Westminster.

THE LINE OF LANCASTER.

Henry IV.	1367	1399 Sept. 30	13 5 20	1413 Mar. 20	46	Canterbury.
Henry V.	1389	1413 Mar. 21	9 5 10	1422 Aug. 31	33	Westminster.
Henry VI.	1421	1422 Sept. 1	38 6 3	1461 Mar. 4	39	Windsor.

THE LINE OF YORK.

Edward IV.	1442	1461 Mar. 4	22 1 5	1483 April 9	41	Windsor.
Edward V.	1471	1483 April 9	0 2 16	1483 June 25	12	Not known.
Richard III.	1443	1483 June 26	2 1 26	1485 Aug. 22	42	Leicester.

THE FAMILIES UNITED.

Henry VII.	1456	1485 Aug. 22	23 7 30	1509 April 21	52	Westminster.
Henry VIII.	1492	1509 April 22	37 9 6	1547 Jan. 28	55	Windsor.
Edward VI.	1537	1547 Jan. 28	6 5 9	1553 July 6	16	Westminster.
Queen Mary	1516	1553 July 6	5 4 11	1558 Nov. 17	42	Westminster.
Qu. Elizabeth	1533	1558 Nov. 17	44 4 7	1603 Mar. 24	69	Westminster.

THE UNION OF THE ENGLISH AND SCOTCH CROWNS.

James I.	1566	1603 Mar. 24	29 0 3	1625 Mar. 27	58	Westminster.
Charles I.	1600	1625 Mar. 27	23 10 3	1649 Jan. 30	48	Windsor.
Charles II.	1630	1649 Jan. 30	36 0 7	1685 Feb. 6	54	Westminster.
James II.	1633	1685 Feb. 6	3 10 5	1688 Dec. 11	67	Paris.
William III.	1650	1689 Feb. 13	13 0 20	1702 Mar. 8	51	Westminster.
Mary II.	1662				32	Westminster.

THE UNION OF THE TWO KINGDOMS.

Queen Anne	1665	1702 Mar. 8	12 4 24	1714 Aug. 1	49	Westminster.
George I.	1660	1714 Aug. 1	12 10 10	1727 June 11	67	Hansver.
George II.	1683	1727 June 11	33 4 14	1760 Oct. 25	77	Westminster.
George III.	1738	1760 Oct. 25	59 3 4	1820 Jan. 29	82	Windsor.
George IV.	1762	1820 Jan. 29	10 4 28	1830 June 26	68	Windsor.
William IV.	1765	1830 June 26	6 11 25	1837 June 20	72	Windsor.
VICTORIA	1819	1837 June 20				Whom God preserve.

The COMMONWEALTH, under *Cromwell* and his Son, lasted from Jan. 30th, 1649, to May 29th, 1660; or 11 years 3 months 29 days.

It was not until the reign of Elizabeth that the principle, that "*The King never dies*," was admitted; that of hereditary right, from November, 1272.

The three longest reigns were those of *Henry III.*, *Edward III.*, and *George III.* *Richard I.*'s body was buried at Fontevrault, his head at Rouen, and his heart at Charrou, agreeably to his own directions. *Henry VI.* dep. in 1461, d. in 1471.

*John* was crowned four times, viz. on May 27th, 1199; on Oct. 8th, 1200; on March 25th, 1201; and on April 14th, 1202.

*Henry III.* was crowned twice: viz. Oct. 28th, 1216; and May 17th, 1220. *Edward III.* was King of France from January 1340 to May 1360.

Some legal documents between July 5th & 17th, 1553, refer to *Jane* [Grey] as Queen.

BIRTH-DAYS OF THE ROYAL FAMILY.

QUEEN VICTORIA	- - - - -	born 24 May 1819.
PRINCE ALBERT	- - - - -	born 26 Aug. 1819.
THE PRINCESS ROYAL	- - - - -	born 21 Nov. 1840.
ALBERT EDWARD, PRINCE OF WALES	- - - - -	born 9 Nov. 1841.
PRINCESS ALICE-MAUD MARY	- - - - -	born 25 April 1843.
PRINCE ALFRED ERNEST ALBERT	- - - - -	born 6 Aug. 1844.
PRINCESS HELENA AUGUSTA VICTORIA	- - - - -	born 25 May 1846.
PRINCESS LOUISA CAROLINA ALBERTA	- - - - -	born 18 Mar. 1848.
PRINCE ARTHUR PATRICK ALBERT	- - - - -	born 1 May 1850.

King of Hanover	- - 5 June 1771	George Frederick, son of King of Hanover	- - - - - 27 Mar 1819
Duchess of Gloucester	- - 25 April 1776	Augusta Caroline, now Duchess of Mecklenburg Strelitz	- - - - - 19 July 1822
Duchess of Kent	- - 17 Aug. 1786	Mary Adelaide of Camb.	- - - - - 27 Nov. 1833
Duchess of Cambridge	- - 25 July 1797		
Duke of Cambridge	- - 26 Mar. 1819		

SOVEREIGNS OF EUROPE.

Kingdoms, &c.	To whom subject.	When born.	Began to reign.
England, &c.	VICTORIA	May 24 - - 1819	June 20 - - 1837
Russia, &c.	Nicholas	July 7, O. S. 1796	Dec. 1 O. S. 1825
Spain	Isabella II.	Oct. 10 - - 1850	Sept 29 - - 1833
Portugal	Maria da Gloria	April 4 - - 1819	May 2 - - 1826
Prussia	Frederic Wm. IV.	Nov. 15 - - 1795	June 7 - - 1840
Netherlands	William III.	Feb. 19 - - 1817	Mar. - - 1849
Belgium	Leopold I.	Dec. 16 - - 1790	July 21 - - 1831
Denmark	Frederic VII.	Oct. 6 - - 1808	Jan. 20 - - 1848
Sweden & Norway	Oscar	July - - 1799	Mar. 8 - - 1844
Austria, &c.	Francis Joseph	Aug. 18 - - 1830	Dec. 2 - - 1848
Papedom	Pius IX.	May 13 - - 1792	June 16 - - 1846
Sardinia	Victor Emanuel	Mar. 14 - - 1820	Mar. 27 - - 1849
Naples, &c.	Ferdinand II.	Jan. 12 - - 1810	Nov 8 - - 1830
Ottoman Empire	Abdul Medjid	May 6 - - 1822	July 1 - - 1839
Hanover	Ernest Augustus	June 5 - - 1771	June 20 - - 1837
Greece	Otho I.	June 1 - - 1815	Feb. 6 - - 1833
Bavaria	Maximilian II.	Nov. 28 - - 1811	Mar. 21 - - 1848
Saxony	Frederick	May 18 - - 1797	June 6 - - 1836

TABLE TO CALCULATE WAGES.

Pr. Yr.	Per Month.	Pr. Week.	Per Day.	Pr. Yr.	Per Month.	Pr. Week.	Per Day.
£	£ s. d.	£ s. d.	s. d.	£	£ s. d.	£ s. d.	s. d.
1	0 1 8	0 0 4 <sup>2</sup> / <sub>3</sub>	0 0 <sup>2</sup> / <sub>3</sub>	15	1 8 0	0 5 9	0 9 <sup>2</sup> / <sub>3</sub>
2	0 3 4	0 0 9 <sup>1</sup> / <sub>3</sub>	0 1 <sup>1</sup> / <sub>2</sub>	16	1 6 8	0 6 1 <sup>1</sup> / <sub>2</sub>	0 10 <sup>1</sup> / <sub>3</sub>
3	0 5 0	0 1 1 <sup>2</sup> / <sub>3</sub>	0 2	17	1 8 4	0 6 6 <sup>2</sup> / <sub>3</sub>	0 11 <sup>2</sup> / <sub>3</sub>
4	0 6 8	0 1 6 <sup>2</sup> / <sub>3</sub>	0 2 <sup>2</sup> / <sub>3</sub>	18	1 10 0	0 6 10 <sup>2</sup> / <sub>3</sub>	0 11 <sup>2</sup> / <sub>3</sub>
5	0 8 4	0 1 11	0 3 <sup>1</sup> / <sub>2</sub>	19	1 11 8	0 7 3 <sup>1</sup> / <sub>2</sub>	1 0 <sup>1</sup> / <sub>2</sub>
6	0 10 0	0 2 3 <sup>1</sup> / <sub>2</sub>	0 4	20	1 13 4	0 7 8	1 1 <sup>1</sup> / <sub>2</sub>
7	0 11 8	0 2 8 <sup>1</sup> / <sub>2</sub>	0 4 <sup>1</sup> / <sub>2</sub>	30	2 10 0	0 11 6	1 7 <sup>2</sup> / <sub>3</sub>
8	0 13 4	0 3 0 <sup>2</sup> / <sub>3</sub>	0 5 <sup>1</sup> / <sub>2</sub>	40	3 6 8	0 15 4	2 2 <sup>1</sup> / <sub>2</sub>
9	0 15 0	0 3 5 <sup>1</sup> / <sub>2</sub>	0 6	50	4 3 4	0 19 2	2 9
10	0 16 8	0 3 10	0 6 <sup>1</sup> / <sub>2</sub>	60	5 0 0	1 3 0 <sup>1</sup> / <sub>2</sub>	3 3 <sup>1</sup> / <sub>2</sub>
11	0 18 4	0 4 2 <sup>1</sup> / <sub>2</sub>	0 7 <sup>1</sup> / <sub>2</sub>	70	5 16 8	1 6 10 <sup>1</sup> / <sub>2</sub>	3 10
12	1 0 0	0 4 7 <sup>1</sup> / <sub>2</sub>	0 8	80	6 13 4	1 10 8	4 4 <sup>1</sup> / <sub>2</sub>
13	1 1 8	0 4 11 <sup>1</sup> / <sub>2</sub>	0 8 <sup>1</sup> / <sub>2</sub>	90	7 10 0	1 14 6 <sup>1</sup> / <sub>2</sub>	4 11 <sup>1</sup> / <sub>2</sub>
14	1 3 4	0 5 4 <sup>1</sup> / <sub>2</sub>	0 9 <sup>1</sup> / <sub>2</sub>	100	8 6 8	1 18 4 <sup>1</sup> / <sub>2</sub>	5 5 <sup>1</sup> / <sub>2</sub>

The Months in the above Table are calculated at only Twelve Months to the Year. If the yearly Wages be Guineas instead of Pounds, for each Guinea add one Penny to each Month, or one Farthing to each Week. Thus, Six Pounds per Year are Ten Shillings per Month; but, if the Wages be Six Guineas, add one Penny for each Guinea, that is, Sixpence, and it will then be Ten Shillings and Sixpence per Month. In like manner, by adding Six Farthings to each Week, the Wages will be Two Shillings and Five-pence per Week.

A plain and easy TABLE, showing the time of HIGH WATER.

NOTE.—Opposite the Moon's Age in the first column you have nearly the time of High Water at the Places specified in the several columns: \* denotes a little before, † a little after.

D's A.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
0 15	11 38	1 30	2 18	5 30	6 8	7 33	10 48	9 10	
1 16	12 26	2 18	3 6	6 18	6 56	8 21	11 36	9 58	
2 17	1 14	3 6	3 54	7 6	7 44	9 9	12 24	10 46	
3 18	2 2	3 54	4 42	7 54	8 32	9 57	1 12	11 34	
4 19	2 50	4 42	5 30	8 42	9 20	10 45	2 0	12 22	
5 20	3 38	5 30	6 18	9 30	10 8	11 33	2 48	1 10	
6 21	4 26	6 18	7 6	10 18	10 56	12 21	3 36	1 58	
7 22	5 14	7 6	7 54	11 6	11 44	1 9	4 24	2 46	
8 23	6 2	7 54	8 42	11 54	12 32	1 57	5 12	3 34	
9 24	6 50	8 42	9 30	12 42	1 20	2 45	6 0	4 22	
10 25	7 38	9 30	10 18	1 30	2 8	3 33	6 48	5 10	
11 26	8 26	10 18	11 6	2 18	2 56	4 21	7 36	5 58	
12 27	9 14	11 6	11 54	3 6	3 44	5 9	8 24	6 46	
13 28	10 2	11 54	12 42	3 54	4 32	5 57	9 12	7 34	
14 29	10 50	12 42	1 30	4 42	5 20	6 45	10 0	8 22	

†Bamf. Calais, Chichester, †Cromartie, \*Deal, Dun-  
kir, Fleetwood, Gravelines, †Greenock, Harwich,  
Kentish Knock, L. pool, N. Foreland, Portsmouth Dock-  
yard, †Ramsgate, Southampton, St. Helen's.  
\*Aberdeen, Bergen, \*Flushing, Goodwin Sands,  
Gravesend, †Gore, †May Isle, †Montrose, Romney,  
\*Nore Light, Renfrew Wharf, on Clyde, †Tay Bar.  
†Amsterdam, †Alne, Berwick, †Blythe, †Burnt-island,  
\*Cuckold's Point, Dunbar, Dundee, Drontheim, Fye-  
mouth, Glasgow Bridge, †Hartlepool, Helena (St.),  
Leith Pier, LONDON BRIDGE, †Rotterdam.  
Barnstaple Bar, †Bolt Head, \*Donegal, \*Eddystone,  
\*Falmouth, Fowey, †Milford Haven, \*Morlaix, Ply-  
mouth Dock-yard, †Saltee.  
Achill H., Bridport, Cancale B., Carnarthen Bar,  
Dartmouth, †Exmouth, †Guernsey Pier, Hull, Lewis  
Islands, Pembroke Dock-yard, †Portland Pier, St. Malo,  
Swansea Bay, Torbay, †Weymouth.  
†Barmouth, Cherbourg, \*Boston, \*Bristol, Brechat Isle,  
Dudgeon Light, †Gironde Mouth, Sandy Hook, †Texel,  
(S.P.), Wexford Harbour.  
Aldboro', \*Amlwch, †Beachy Off., Call of Man, Cowes,  
Douglas, \*Dublin-bar, Duundalk, Dungeness, \*Havre  
\*Pentland Frith, Rye, \*Stromness, Troon, Yarmouth  
Sands.  
†Belfast, Cairston, Cantire (Mull), Camarvon, \*Christ-  
church H., Donaghadee, †Lerwick, †Needies, Rathlin,  
L., †Spithhead, Texel, Wicklow.  
N.B. The Moon's Age is given in the Calendar pages.

NOTE.—The times in the above Table, though only approximative, are usually true within half an hour.

A Table of the Equation of Time, for regulating Clocks and Watches for 1852.

D.	January.	February.	March.	April.	May.	June.
1	3m. fa. 37s	13m. fa. 50s.	12m. fa. 31s.	3m. fa. 51s.	3m. slo. 5s.	2m. slo. 28s.
3	4	33	14	5	12	6
5	5	28	14	16	11	39
7	6	21	14	25	11	10
9	7	12	14	30	10	39
11	8	1	14	32	10	7
13	8	48	14	31	9	34
15	9	32	14	27	9	0
17	10	14	14	20	8	25
19	10	53	14	10	7	50
21	11	29	13	58	7	14
23	12	2	13	43	6	37
25	12	32	13	25	6	0
27	12	58	13	6	5	23
29	13	22	12	43	4	46
31	13	41	-	4	9	-



Spontford Frith, Rye, \*Stromness, Troon, Yarmouth  
 Sands, Calington Cantire (Muir), Carnarvon, \*Chaffer  
 \*Pitlochry, \*Dumfries, Wick, \*Peebles, \*Ardull, \*  
 \*Fyfehead, \*Tweed, \*Wicklow.  
 N. B. The Moon's Age is given in the Calendar pages.

Equation of Time Table — continued.

D.	July.	August.	September.	October.	November.	December.
1	3m. fa. 31s.	6m. fa. 0s.	0m. slo. 16s.	10m. slo. 7s.	16m. slo. 18s.	10m. slo. 54s.
3	3	5	0	5	16	9
5	4	5	1	5	16	8
7	4	5	2	13	16	8
9	4	5	2	14	15	7
11	5	4	3	13	15	6
13	5	4	4	13	15	5
15	5	4	4	14	15	4
17	5	3	4	14	14	3
19	5	3	6	15	0	2
21	6	2	7	15	13	1
23	6	2	7	15	13	0
25	6	12	8	15	12	0 fa.
27	6	11	9	16	12	1
29	6	8	9	16	11	2
31	6	0	3	16	11	3

Note. — Fa. means Clock to be fast; that is, your Clock, to be right, must be so much faster than the Sun Dial — slo. that your Clock must be so much slower than the Sun Dial. See page 27., Almanack for 1837.

To set a Clock or Watch on any Day by means of this Table: — Take out the number of Minutes and Seconds which stands against that day, and make your Clock or Watch so much faster or slower (according as the Table is marked *fa.* or *slo.*) than the time on a good Sun Dial. Thus, on January 1st, the Clock must be set 3m. 37s. faster or before the dial: on the 1st of October, it must be set 10m. 27s. slower. Correct the Watch when the Dial marks just an hour, as 9, 10, 11, 1, 2, 3, or 4 o'clock. Noon is *not* best, nor near Sun-rise or Sun-set.

Note. — The Sun's risings and settings, as well as all other astronomical matters in this Almanack, are now given in Common Clock Time, such as will be shown by well-regulated public clocks.

A TABLE showing the Days on which the Moon enters the several Signs of the Zodiac, in 1852.

Days of Month.	Jan.	Feb.	Mar.	Apr.	May.	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
2	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
3	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
4	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
5	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
6	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
7	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
8	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
9	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
10	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
11	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
12	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
13	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
14	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
15	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
16	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
17	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
18	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
19	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
20	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
21	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
22	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
23	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
24	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
25	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
26	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
27	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
28	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
29	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
30	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
31	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈

# 32 PLANETARY PHENOMENA, &c. [MOORE.]

MEAN TIME at GREENWICH when the PLANETS enter the several Signs of the ZODIAC, in 1852.

MERCURY.				MARS:			
		h.	m.			h.	m.
February	11th,	at 3	28 aft.	October	30th,	at 6	8 aft.
March	1st,	at 9	59 aft.	December	10th,	at 5	45 morn.
		at 10	36 aft.				
April	2d,	at 2	16 aft.	JUPITER.			
June	10th,	at 9	3 morn.	November	8th,	at 6	27 morn.
		at 4	59 aft.	SATURN.			
July	9th,	at 11	17 aft.	February	22nd,	at 8	0 aft.
		at 1	18 morn.				
October	3rd,	at 9	45 aft.	URANUS.			
		at 6	54 morn.	This planet remains in ♄ all the year.			
November	9th,	at 9	20 morn.	NOTE.—When R occurs, it shows that the planet is retrograde, and that it enters the terminating point of the sign against which it stands.			
		at 11	59 aft.				
December	20th,	at 1	16 morn.				
VENUS.				The Times when the PLANETS are stationary in 1852, M. T. Greenwich.			
January	23rd,	at 2	55 morn.	January	9	11 morn.	♄ R. S. D. in ♀
February	16th,	at 0	20 aft.		17	0 aft.	♄ R. S. D. in ♀
March	12th,	at 10	19 morn.	March	4	11 aft.	♄ R. S. D. in ♀
April	7th,	at 7	21 morn.		9	5 morn.	♄ D. S. R. in ♀
May	5th,	at 4	31 morn.	April	19	8 aft.	♄ D. S. R. in ♀
June	9th,	at 11	59 morn.	May	12	10 morn.	♄ R. S. D. in ♀
July	19th,	at 6	0 morn.	June	28	0 aft.	♄ D. S. R. in ♀
September	5th,	at 4	0 aft.	July	10	10 aft.	♄ R. S. D. in ♀
October	9th,	at 3	6 morn.	August	11	7 aft.	♄ R. S. D. in ♀
November	5th,	at 7	48 morn.		13	6 aft.	♄ D. S. R. in ♀
December	30th,	at 5	0 aft.		21	6 morn.	♄ D. S. R. in ♀
		at 7	8 morn.		30	9 aft.	♄ D. S. R. in ♀
				September	13	1 morn.	♄ D. S. D. in ♀
				December	11	4 morn.	♄ D. S. R. in ♀
					31	3 morn.	♄ R. S. D. in ♀
MARS.							
February	4th,	at 6	17 morn.				
April	5th,	at 8	0 aft.				
June	11th,	at 9	0 aft.				
August	2nd,	at 8	6 morn.				
September	17th,	at 6	0 aft.				

### APHORISMS FOR MY READERS.

1. Love is the epitome of our whole duty; and all the sweetness and endearments of society that can be, so long as they are lawful and honest, are not only consistent with it, but parts and expressions of it.
2. Those who perpetually praise themselves and blame others, look as if they meant to make their own figures appear brighter by these shades, and to recommend their own conduct by censuring that of their neighbours.
3. We ought always to make choice of persons of such worth and honour for our friends that, if they should ever cease to be so, they will not abuse our confidence nor give us cause to fear them if enemies.
4. An uncultivated mind, like unmanured ground, will soon be overrun with weeds.
5. Poverty is then only matter of disgrace and reproach when it is attendant on sloth and idleness, or wantonness and prodigality.
6. Fortune may begin a man's greatness, but it is virtue that must continue it.
7. Insult not misery, neither deride infirmity, nor ridicule deformity; the first shows inhumanity; the second, folly; and the third pride. He that made him miserable, made thee happy to lament him; He that made him weak, made thee strong to support him; He that made him deformed, if that He hath made thee otherwise, show not thy ingratitude to thy Creator by despising any of His creatures.
8. Religion is the best armour, but the worst cloak.
9. There are few men but what stand indebted to adversity for their labours.
10. Our pleasures would be insipid if some disappointment did not heighten their relish.
11. Though silence is not always the mark of a wise man, yet noise and impetuosity certainly discover the fool.
12. A probable lie will sooner be believed than a prodigious truth.

RE	25 and under	10	ditto	30	ditto	50	ditto	100	ditto	200	ditto	500	ditto	1000	ditto
	1000 and upwards	Asy sum, if in		The Stamp to		Persons giving the		Receipt Stamps		may be paid		Notes, &c		BILLS & PROMISSES	
	Payable on Demand	not exceeding 3 m		date, or 60 days af		d. s.		#		#		#		#	
	10 for 2 0	10 for 3 0		10 for 4 0		10 for 5 0		10 for 6 0		10 for 7 0		10 for 8 0		10 for 9 0	
	10 for 10 0	10 for 11 0		10 for 12 0		10 for 13 0		10 for 14 0		10 for 15 0		10 for 16 0		10 for 17 0	
	10 for 18 0	10 for 19 0		10 for 20 0		10 for 21 0		10 for 22 0		10 for 23 0		10 for 24 0		10 for 25 0	
	10 for 26 0	10 for 27 0		10 for 28 0		10 for 29 0		10 for 30 0		10 for 31 0		10 for 32 0		10 for 33 0	
	10 for 34 0	10 for 35 0		10 for 36 0		10 for 37 0		10 for 38 0		10 for 39 0		10 for 40 0		10 for 41 0	
	10 for 42 0	10 for 43 0		10 for 44 0		10 for 45 0		10 for 46 0		10 for 47 0		10 for 48 0		10 for 49 0	
	10 for 50 0	10 for 51 0		10 for 52 0		10 for 53 0		10 for 54 0		10 for 55 0		10 for 56 0		10 for 57 0	
	10 for 58 0	10 for 59 0		10 for 60 0		10 for 61 0		10 for 62 0		10 for 63 0		10 for 64 0		10 for 65 0	
	10 for 66 0	10 for 67 0		10 for 68 0		10 for 69 0		10 for 70 0		10 for 71 0		10 for 72 0		10 for 73 0	
	10 for 74 0	10 for 75 0		10 for 76 0		10 for 77 0		10 for 78 0		10 for 79 0		10 for 80 0		10 for 81 0	
	10 for 82 0	10 for 83 0		10 for 84 0		10 for 85 0		10 for 86 0		10 for 87 0		10 for 88 0		10 for 89 0	
	10 for 90 0	10 for 91 0		10 for 92 0		10 for 93 0		10 for 94 0		10 for 95 0		10 for 96 0		10 for 97 0	
	10 for 98 0	10 for 99 0		10 for 100 0		10 for 101 0		10 for 102 0		10 for 103 0		10 for 104 0		10 for 105 0	
	10 for 106 0	10 for 107 0		10 for 108 0		10 for 109 0		10 for 110 0		10 for 111 0		10 for 112 0		10 for 113 0	
	10 for 114 0	10 for 115 0		10 for 116 0		10 for 117 0		10 for 118 0		10 for 119 0		10 for 120 0		10 for 121 0	
	10 for 122 0	10 for 123 0		10 for 124 0		10 for 125 0		10 for 126 0		10 for 127 0		10 for 128 0		10 for 129 0	
	10 for 130 0	10 for 131 0		10 for 132 0		10 for 133 0		10 for 134 0		10 for 135 0		10 for 136 0		10 for 137 0	
	10 for 138 0	10 for 139 0		10 for 140 0		10 for 141 0		10 for 142 0		10 for 143 0		10 for 144 0		10 for 145 0	
	10 for 146 0	10 for 147 0		10 for 148 0		10 for 149 0		10 for 150 0		10 for 151 0		10 for 152 0		10 for 153 0	
	10 for 154 0	10 for 155 0		10 for 156 0		10 for 157 0		10 for 158 0		10 for 159 0		10 for 160 0		10 for 161 0	
	10 for 162 0	10 for 163 0		10 for 164 0		10 for 165 0		10 for 166 0		10 for 167 0		10 for 168 0		10 for 169 0	
	10 for 170 0	10 for 171 0		10 for 172 0		10 for 173 0		10 for 174 0		10 for 175 0		10 for 176 0		10 for 177 0	
	10 for 178 0	10 for 179 0		10 for 180 0		10 for 181 0		10 for 182 0		10 for 183 0		10 for 184 0		10 for 185 0	
	10 for 186 0	10 for 187 0		10 for 188 0		10 for 189 0		10 for 190 0		10 for 191 0		10 for 192 0		10 for 193 0	
	10 for 194 0	10 for 195 0		10 for 196 0		10 for 197 0		10 for 198 0		10 for 199 0		10 for 200 0		10 for 201 0	

There are now Of the

STAMP DUTIES.

RECEIPTS.		s	d	BONDS, MORTGAGES, &c.		£	s.	d.			
If £5 and under	£10	-	-	0	3	Above £50 not above £100	-	0	2	6	
10	ditto	20	-	-	0	100	150	-	0	3	9
20	ditto	50	-	-	1	150	200	-	0	5	0
50	ditto	100	-	-	1	200	250	-	0	6	3
100	ditto	200	-	-	2	250	300	-	0	7	6
200	ditto	300	-	-	4	300	400	-	0	10	0
300	ditto	503	-	-	5	400	500	-	0	12	6
500	ditto	1,090	-	-	7	500	600	-	0	15	0
1,000 and upwards			-	-	10	600	700	-	0	17	0
Any sum, if in full			-	-	10	700	800	-	1	0	0
The Stamp to be paid by the Person giving the Receipt.											
Receipt Stamps necessary if money be paid by Promissory Notes, &c											
For every additional £100, and any fractional part of £100											
Bonds of Indemnity											

BILLS & PROMISSORY NOTES.

Payable on Demand or at Other- not exceeding 2 mo. after wise date, or 60 days aft. sight. payab.

£ s.	£ s. d.	s.	d.
If for 2 0	5 5	10	1 6
Above 5 5	20 0	16	2 0
20 0	30 0	20	2 6
30 0	50 0	26	3 6
50 0	100 0	36	4 6
100 0	200 0	46	5 0
200 0	300 0	50	6 0
300 0	500 0	60	8 6
500 0	1,000 0	86	12 6
1,000 0	2,000 0	126	15 0
2,000 0	3,000 0	150	25 0
3,000 0		25 0	30 0

Penalty for post-dating Bills, £100.

AGREEMENTS.

Of the value of £20 or upwards, 2s. 6d. To be stamped within 15 days of the date, under a penalty of £10.

LEASES.

Rent not exceeding	£5 and not	£10	s.	d.	
For every £50, or part of £50, up to £800, an additional			-	2	6
Above £800, for every £50 or fractional part of £50			-	5	0

LEGACIES OF £20 AND UPWARDS.

To Children or Parents } and their } 14 per ct.  
 Brother or Sister } descend- } 3 do.  
 Uncle or Aunt } ants, } 5 do.  
 Great Uncle or Aunt } } 6 do.  
 All other Relations or Strangers } 10 do.  
 Husband, Wife, and Royal Family exempted.

TRANSFERS AND DIVIDENDS IN THE FUNDS.

Name of the Stock.	Days of Transfer.	Payable.	Hours.
BANK Stock	Tu W Th F	April 8.	Hours for buying, selling, and transferring, from 11 to 1; for accepting, from 9 to 3; for payment of Dividends, from 9 to 3 every day. No transfer business after 1 on Saturdays.
3 per cent. Reduced	Tu W Th F		
3 1/2 per cent. *	Tu W Th F	Oct. 11	
Long Annuities	M Tu W Th F		
3 per cent. Consols	Tu W Th F	Jan. 8.	
Ditto, 1796	Tu W Th F		
New 5 per cent	Tu W Th F	July 8.	
Ann. to Jan. 1860	Tu W Th F		
SOUTH SEA Stock	M - W - F	Jan. 8.	Hours of Transfer, from 12 to 1; for receiving Dividends, from 9 to 2
3 per cent. New Ann.	Tu - Th - S		
3 per cent. 1751	Tu - Th - S	July 8.	
INDIA Stock	Tu - Th -	Jan. 5, July 5.	
India Bonds	- - - -	Interest due. Mar. 31, Sept. 30.	

\* This Stock is 3 1/2 per cent. till Oct. 1854; then it will be New 3 per cents., no redeemable till 1874.

Private Transfers may be made at other times than as above, by paying 2s. 6d. extra at the Bank and India House, and 3s. 6d. extra at the South Sea House.

HOLIDAYS AT THE BANK.

There are now only four, viz. Christmas Day, Good Friday, May 1. and Nov. 1 Of these the first two only are observed at the Dividend Office.

## TABLE

Exhibiting the DIFFERENCE OF TIME arising from DIFFERENCE IN LONGITUDE between the Observatory at Greenwich, and two or more principal Places in each of the English Counties; also North and South Wales, Edinburgh, Dublin, and Paris.

N.B. The letters S and F denote respectively slow and fast.  
W and E " " west and east.

	m.	s.		m.	s.				
Beds....	{ Bedford .....	1	52	W. S.	{ Monmouth.....	10	48	W. S.	
	{ Leighton Buzzard	2	39	---	{ Abergavenny.....	12	0	---	
Berks..	{ Abingdon .....	5	7	---	Norf....	{ Norwich.....	5	12	E. F.
	{ Windsor.....	2	32	---	{ Fakenham.....	3	24	---	
Bucks..	{ Buckingham.....	3	57	---	North- ampt.	{ Northampton.....	3	36	W. S.
	{ Aylesbury.....	3	21	---	{ Peterborough.....	0	58	---	
Cambr..	{ Cambridge.....	0	23	E. F.	North- umb.	{ Alnwick.....	6	43	---
	{ Ely.....	1	4	---	{ Newcastle.....	6	24	---	
Chesh..	{ Chester.....	11	32	W. S.	Notts....	{ Nottingham.....	4	41	---
	{ Macclesfield.....	8	30	---	{ Retford.....	3	25	---	
Cornw..	{ Falmouth.....	20	12	---	Oxford	{ Oxford.....	5	1	---
	{ Truro.....	20	6	---	{ Chipping Norton...	6	12	---	
Cumb..	{ Carlisle.....	11	33	---	Rutland.	{ Oakham.....	3	20	---
	{ Penrith.....	10	56	---	Salop....	{ Shrewsbury.....	10	56	---
Derby..	{ Derby.....	5	52	---	{ Oswestry.....	12	8	---	
	{ Chesterfield.....	5	40	---	Somer- set.	{ Taunton.....	12	21	---
Devon..	{ Exeter.....	14	18	---	{ Bath.....	9	26	---	
	{ Plymouth.....	16	30	---	Stafford.	{ Stafford.....	8	40	---
Dorset.	{ Dorchester.....	9	43	---	{ Lichfield.....	7	18	---	
	{ Bridport.....	11	24	---	{ Tamworth.....	6	49	---	
Durh....	{ Durham.....	6	16	---	Suffolk.	{ Ipswich.....	4	38	E. F.
	{ Darlington.....	6	12	---	{ Bury St. Edmund's	2	53	---	
Essex...	{ Colchester.....	3	32	E. F.	Surrey..	{ Guildford.....	2	18	W. S.
	{ Maldon.....	2	42	---	{ Croydon.....	0	26	---	
	{ Chelmsford.....	1	52	---	Sussex..	{ Brighton.....	0	32	---
Glouc...	{ Gloucester.....	8	53	W. S.	{ Hastings.....	2	20	E. F.	
	{ Cheltenham.....	8	16	---	Warw...	{ Warwick.....	6	20	W. S.
Hants...	{ Southampton.....	5	36	---	{ Birmingham.....	7	33	---	
	{ Portsmouth.....	4	24	---	{ Coventry.....	6	1	---	
Heref..	{ Hereford.....	10	52	---	West- morl.	{ Kendal.....	11	0	---
	{ Leominster.....	10	54	---	{ Appleby.....	10	0	---	
Herts....	{ Hertford.....	0	16	---	Wilts...	{ Marlborough.....	6	53	---
	{ Tring.....	2	33	---	{ Devizes.....	7	55	---	
Hunts...	{ Huntingdon.....	0	45	---	Wor- cester.	{ Worcester.....	8	41	---
	{ Kimbolton.....	1	37	---	{ Kidderminster.....	8	58	---	
Kent....	{ Greenwich Observ.	0	0	---	Yorks...}{ Beverley.....	1	42	---	
	{ Dover.....	5	16	E. F.	{ York.....	4	24	---	
	{ Tunbridge Wells...}	1	1	---	{ Leeds.....	6	4	---	
Lanc....	{ Lancaster.....	11	10	W. S.	North	{ Holyhead.....	13	36	---
	{ Manchester.....	9	0	---	Wales.	{ Bangor.....	16	14	---
	{ Liverpool.....	11	53	---	South	{ Cardigan.....	18	40	---
Leicest.	{ Leicester.....	4	33	---	Wales.	{ Carmarthen.....	17	16	---
	{ Melton Mowbray..}	3	33	---					
Lincoln	{ Lincoln.....	2	4	---	Edinburgh	.....	12	43	---
	{ Louth.....	0	0	---	Dublin	.....	25	21	---
Middle- sex.	{ St. Paul's.....	0	23	---	Paris.....	.....	9	21	E. F.
	{ 82. Strand.....	0	28	---					
	{ St. James's Church,	0	32	---					
	{ Piccadilly.....	0	32	---					
	{ Hampton Court...}	1	30	---					

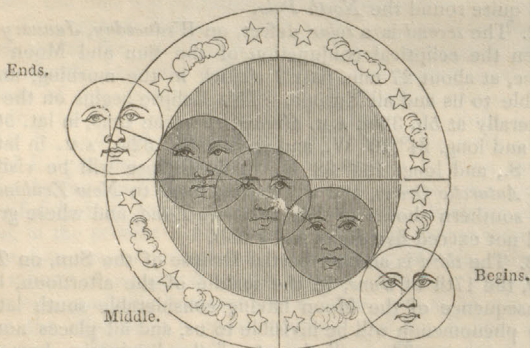
\*\* This useful Table, by EDWARD J. DENT, Esq., F.R.A.S., of No. 82. Strand, the eminent Chronometer maker to her Majesty, is extracted from his Treatise on the Construction of Chronometers, Watches, and Clocks. Mr. Dent gives the figures to fractions of seconds; but for the general use of this Table, it has not been thought necessary here to give them.

AN ACCOUNT OF  
THE ECLIPSES OF THE SUN AND MOON,

And other Appearances in the Heavens, in the year 1852,  
the Result of Careful Calculations from the most correct  
and approved Data relative to the Celestial Bodies.

THE position of the Lunar Nodes, with respect to the syzygies of the two grand Lamps of Heaven, is such as to produce six Eclipses within the periphery of the present year, namely three of the Sun, and three of the Moon; and they happen in the following order, agreeable to the accompanying calculations.

1. The first is a total Eclipse of the Moon, on *Wednesday*, the 7th of *January*, early in the morning, and consequently visible in these parts of the globe. The following representation for Greenwich will serve, without sensible error, the whole island of *Great Britain*.



The following are the Mean Times of this Eclipse, according to the respective meridians of the places here mentioned:—

Jan. 7th, A. M.	Greenwich.	Norwich.	Lincoln.	Leeds.	Falmouth.
	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.
Beginning	4 20 54	4 25 6	4 18 50	4 14 50	4 0 42
Total dark. beg.	5 20 54	5 26 6	5 18 50	5 14 50	5 0 42
Middle	6 10 0	6 15 12	6 7 56	6 3 56	5 49 48
Total dark. ends	6 59 6	7 4 18	6 57 2	6 53 2	6 38 54
End of eclipse	7 59 6	8 4 18	7 57 2	7 53 2	7 28 54

Digits eclipsed on the Moon's northern limb=20 dig. 0' 14".

At the beginning of this Eclipse the Moon will be vertical in lat.  $22^{\circ} 32' N.$ , and long.  $64^{\circ} 44' W.$ , which falls in the *Atlantic Ocean*, to the north-east of *St. Domingo*, and to the north-west of the *Caribbee Islands*. At the commencement of total darkness she will be overhead, in lat.  $22^{\circ} 32' N.$ , and long.  $79^{\circ} 9' E.$ , to the north-west of *Jamaica*, and near the southern coast of *Cuba*. At the middle of the Eclipse she will be in the zenith in lat.  $22^{\circ} 31' N.$ , and long.  $90^{\circ} 56' E.$ , which falls in the *Gulf of Mexico*, and not very far from *Campeachy*, a place though defended by a good wall and forts, yet was taken by the English in 1659, by the Buccaneers in 1678, and by the Freebooters of *St. Domingo* in 1685, who burnt it, and blew up the citadel. At the termination of total darkness the Moon will be in the zenith in lat.  $22^{\circ} 30' N.$ , and long.  $102^{\circ} 44' W.$ ; and at the end of the Eclipse she will be overhead, in lat.  $22^{\circ} 29' N.$ , and long.  $117^{\circ} 9' W.$  in the *South Pacific Ocean*, and to the south-west of *Cape de St. Lucas*, in *California*, a country now much talked about on account of its extensive gold mines. Hence this Eclipse will be visible to the western parts of *Europe* and *Africa*, to the whole of *North* and *South America*, and quite round the *North Pole*.

2. The second is a solar defect, on *Wednesday, January 21st*, when the elliptical conjunction of the Sun and Moon takes place, at about 27 min. past 7 o'clock in the morning, and invisible to us and all Europe. This Eclipse begins on the earth generally at 5h. 33m. A.M. *Greenwich* mean time, in lat.  $56^{\circ} 55' S.$ , and long.  $24^{\circ} 10' W.$ , and ends at 8h. 52m. A.M. in lat.  $45^{\circ} 35' S.$ , and long.  $161^{\circ} 38' E.$  This Eclipse will be visible in the *Antarctic Ocean*, and will extend itself to *New Zealand*, and the southern shores of *Van Diemen's Land*, and where greatest will not exceed five digits and a half.

3. The third is another partial Eclipse of the Sun, on *Thursday, the 17th of June*, in the middle of the afternoon, but in consequence of the Moon having considerable south latitude, the phenomenon will be invisible to us, and all places north of the equator. The ecliptic  $\zeta$  of the luminaries happens at 4h. 47m. P.M. This Eclipse commences on the earth generally at 2h. 56m. P.M. in lat.  $47^{\circ} 9' S.$ , and long.  $106^{\circ} 15' W.$ , and terminates at 7h. 2m. in lat.  $35^{\circ} 8' S.$ , and long.  $33^{\circ} 3' W.$  This Eclipse will be visible in the *Southern Ocean*, and to the southern portions of *South America*, and where greatest will amount to more than nine digits.

5. The fourth is another total Eclipse of the Moon, early in the afternoon of *Thursday, the 1st of July*, and as the Moon during the whole time of the phenomenon is below our horizon, of course it must be invisible to us. At the beginning of the Eclipse, which is at 37 min. past 1 o'clock, the Moon is vertical in lat.  $23^{\circ} 23' S.$ , and long.  $155^{\circ} 31' E.$ , which falls in the

*Great South*  
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 and long.  $103^{\circ}$   
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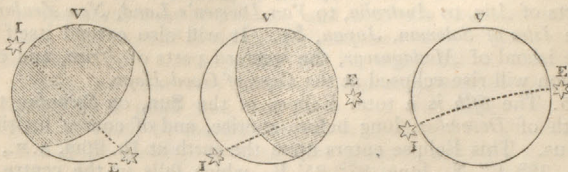
*Great South Sea*, between the *Feejee Islands* and the eastern coast of *New South Wales*. At the end of the Eclipse, which is at 14 min. past 5, the Moon is in the zenith in lat.  $23^{\circ} 24' S.$ , and long.  $103^{\circ} 20' E.$ , in the *Indian Ocean*, to the west of *New Holland*. Hence this Eclipse will be visible to the principal parts of *Asia*, to *Australia*, to *Van Diemen's Land*, *New Zealand*, the *Isles of Solomon*, *Japan*, &c. It will also extend itself to the island of *Madagascar*, the western parts of *Africa*, and the Moon will rise eclipsed at the *Cape of Good Hope*.

5. The *fifth* is a total Eclipse of the Sun, on *Saturday* the 11th of *December*, long before sunrise, and of course invisible to us. This Eclipse enters upon the earth at 1h. 26m. A.M., in lat.  $39^{\circ} 47' N.$ , long.  $87^{\circ} 25' E.$ , which falls in the centre of *Asia*, between *China* and the empire of the *Great Mogul*. The central and total Eclipse, commencing to the north of *Krasno-larsk*, in the centre of the *Great Russian Empire*, (lat.  $59^{\circ} 22' N.$ , and long.  $92^{\circ} 18' E.$ ) quickly passes from thence into *Chinese Tartary*, and along towards the *Sea of Corea*, it crosses the *Great Wall of China*, and skirts the northern coast of the *Yellow Sea*, and reaching lat.  $37^{\circ} 28' N.$ , in long.  $127^{\circ} 18' E.$ , I find at 3h. 24m. the Sun will be totally and centrally eclipsed at noon-day. The central Eclipse, directing its course from thence, passes across the western parts of *Nippon*, the largest of the *Japan* islands, into the *Pacific Ocean*; and gliding over some portions of this extensive water, at 4h. 35m. in the morning, according to *Greenwich* mean time, it leaves the globe in lat.  $43^{\circ} 48' N.$ , and long.  $175^{\circ} 52' E.$  All along this track of the central Eclipse the darkness will be of shorter duration than it was in the famous total Eclipse in *Norway*, *Sweden*, &c., on the 28th of *July* last year, owing to the apparent diameter of the Moon, in the present Eclipse, being not much larger than that of the Sun: nevertheless some of the most notable stars will for a minute or so appear on the arch of heaven! The obscuration now gradually becomes less and less, and at 55 min. past 5 A.M. the solar circle is again complete, and the Eclipse is no more seen. This takes place in the *Pacific Ocean*, lat.  $21^{\circ} 36' N.$ , and long.  $170^{\circ} 8' E.$

6. We now come to the *sixth* and *last* Eclipse of the present year, which is a partial one of the Moon, on *Sunday* the 26th of *December*, in the middle of the day, and therefore invisible to the inhabitants of *Great Britain*. The Eclipse commences at 33 min. past 11 o'clock in the forenoon, and terminates at 32 min. past 2 in the afternoon. At the beginning the Moon is vertical, in lat.  $24^{\circ} 2' N.$ , long.  $173^{\circ} 53' W.$ ; and at the end is overhead in lat.  $24^{\circ} 7' N.$ , and  $143^{\circ} 3' E.$ : therefore it will be visible to the western parts of *North America*, and round the *North Pole*; to all the northern and eastern parts of *Asia*, to *Australia*, *New Zealand*, the *South Sea Islands*, the *Sandwich*

*Isles, &c., in the Pacific Ocean, and will reach to Nova Zembla, Spitzbergen, &c.*

## LUNAR OCCULTATIONS.



The Moon, owing to the short periods of her orbital revolutions, with the constant retrogression of her nodes, will necessarily occult many of the stars in the course of the present year; but in looking over the list of these, I find only *three*, which I consider of any particular importance to my readers.

The first occultation is of *Zeta Tauri*, a star of the third magnitude, and will take place on the 23rd of *April*, in the night. The immersion will be at 9h. 50m., and the emersion at 10h. 43m.; see fig. 1.—The next occultation worthy of notice is the same star again, and happens on the 11th of *August*, early in the morning, when the star will immerse at 1h. 5m., and emerge at 1h. 53m.; see fig. 2.—On the 26th of *November* the Moon will occult *Epsilon Tauri*, a star of about the third magnitude: immersion 57 min. past 8; and emersion 11 min. after 10 o'clock at night: see fig. 3.

*Note.*—In the preceding types, I is the place where the star vanishes from sight at the Moon's limb; and E where it reappears; V the Moon's vertex. A telescope of some sort will be necessary for observing these phenomena, especially the last mentioned, owing to the brightness of the Moon, being at the full.

## CELESTIAL PHENOMENA.

*The Times when the Planets are in the most favourable Positions for Telescopic Observations; together with other interesting Particulars pointed out relative to these Celestial Bodies.*

The spheres that roll their constant course on high,  
Obey God's laws, who made the earth and sky;  
Each ranged in order, knows his destined race,  
As round the Sun he takes his wonted chase;  
Stupendous chorus! showing as they move,  
The great perfections of our God above.

The Solar system is a piece of machinery, infinitely transcending all that the mind of man can conceive of magnitude, of intricate yet simple movement, and of most elaborate, yet bene-

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ficial operation; a system of bodies vast in themselves, and far removed from each other; their courses and influences extending over a space many hundred millions of miles from the main-spring of their complicated movements. These movements are concentric, eccentric, and some intersective; one class of its members moving in the same common plane and in the same direction; another class, in planes making all possible angles with, and moving in paths entirely adverse to each other, yet each invariably pursuing its own course as an independent body, and all observing the same centre, and obeying the same fixed and immutable laws.

The Grand Mechanist of this wondrous frame is the Creator of the Universe; the scene of operation is a portion of space; the period of the construction and the length of its duration, that part of Eternity called Time; and the whole system, in its formation, locality, and various revolutions, commanded into being with a particular view to an especial and unintermitted providential government, which shall redound to the honour of the Great Creator, and the advantage and felicity of his intellectual creation.

♿. MERCURY, the nearest known planet to the Sun, may be seen not far from the western horizon soon after sunset, on or about *April 9th*, and *December 2d*: he may be observed to the eastward a little before sunrise between the 16th and 24th of *September*.

Close verging on the lucid fount of day,  
Bright Mercury directs his circling way;  
In three short months he rounds the solar sphere,  
His seasons shift, and ends his transient year.

♀. VENUS will be a striking object, in the west, during the evenings of *February, March, April, May*, and *June*, but especially in *April* and *May*, and during this last month and *June* she will appear a beautiful crescent through a good telescope. From the beginning of *August* to the end of the year she will be visible in the mornings; and during *September* and *October* will be remarkably splendid, giving shadows to objects, and appearing to the naked eye in the daytime.

Star of the brightening east! thyself most bright,  
That thro' the shadowy air of silent morn  
Shed'st thy lone love beams down! 'tis sweet to think  
And soothing to the sorrow-stricken mind;  
They dawn upon us from a blessed home  
Of peace and love; for, gazing on thy light,  
I feel their solace, and forget to mourn:  
Tired of my woes, I mount upon the wing  
Of spirit, to thy glorious eminence,  
To seek forgetfulness of storms that rend  
A turbulent and transitory world!

♂. MARS, being near the earth during *January* and *February*, will appear with a large ruddy disc throughout the night: he will be somewhat a conspicuous object during *March* in the

vicinity of Castor and Pollux. He may be seen in the evenings to the end of *September*, after which, to the end of the year, he will be obscured by the rays of the Sun.

See, Mars, alone, runs his appointed race,  
And measures out, exact, the destined space;  
Nor nearer does he wind, nor further stray,  
But finds the point whence first he rolled away.

♃. JUPITER will appear very splendid, even to common observers, in the mornings of *January, February, March, and April*; and in the evenings of *May, June, July, and August*. During which his belts and satellites will be interesting objects to those persons who are in possession of proper telescopes.

For signal honour made, behold! afar,  
Four radiant moons surround the imperial star;  
Full-orbed or crescent, their soft silver light  
Gladdens his regions in the gloomy night:  
Nor this the fancy of deluded eyes;  
Marked are their periods through sublimer skies:  
Oft does the astronomer his tube display,  
And view them in eclipse with pleased survey;  
To this the curious their discovery owe,  
And light's swift motion, and its measure know.

♄. SATURN is to be seen in the evenings of *January, February, and March*; on the 14th day of the last-named month he is in conjunction with the beautiful planet Venus. He will be in opposition to the Sun on the 6th of *November*, and from that time to the end of the year he will be favourably situated for observation, when, through a powerful telescope, his fine double ring will appear to advantage.

Far from day's orb see Saturn lags,  
And eight attendant luminaries drags;  
Invested with a double ring his pace,  
He circles through immensity of space.

♅. URANUS is in ♄ with Saturn on the 16th of *March*, and for two months previously is in the immediate vicinity of that planet, which will be a guide for directing the telescopic observer to this place. He is in ♄ to the Sun on the 29th of *October*.

♆. NEPTUNE, which, with Uranus, is only a telescopic object at best, is in ♄ to the Sun about the 3rd of *September*.

### METEOROLOGICAL DEDUCTIONS,

As obtained from DAILY OBSERVATIONS taken at EPPING, during the Year 1850. Here the pressure and temperature relate to 8 A.M., and the position of the instruments from which the following results are obtained are the same as stated in the *Almanacks of 1850 and 1851*.

JANUARY. This month was often very cold, with sharp frosts, snow, and sleet; the thermometer at times was as low as

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20°, 22°, 23°, &c. On the 26th at 8 A. M. it rose to 46°, but next day between 8 and 9 A. M. it was only at 23°, and at noon it was 2° below the freezing point. The atmospheric pressure was considerable, being greater than this month last year by nearly 7 lbs. on the *square foot*. The temperature of the month was 959°, being less than the *mean* for the last 30 years by 91°. The fall of rain was 1·604 inch, which was below the *average* or *mean* for the last 29 years, by ·147 of an inch. There were 12 days in which rain was measurable, and therefore 19 may be considered fair. It may be as well to remark that the *standards* for atmospheric pressure, mean temperature, and rain, must be considered the same in the following months as are here stated for January.

FEBRUARY, on the whole, may have been considered rather mild, producing 1145°, or 137° above the standard mean. The atmospheric pressure was nearly 20 lbs. less than last year, nevertheless the fall of rain was only 1·116 inch, being below that for this month last year by 1·035 inch, and less than the standard mean ·744, or nearly  $\frac{3}{4}$  of an inch. There was rain 15 days, the rest fair.

MARCH was very dry, and in general cold, especially in the last week of the month, when the thermometer, on the 26th, went down, for a short time, to 20° below the freezing point; yet it appears the general temperature of the month was only 7° below the standard mean. The pressure of the atmosphere was 8½ lbs. greater than last year; and the fall of rain was only ·225 of an inch, being less than the mean by 1·35 inch. This was the driest *March*, at least, for the last 30 years; whereas in this month of the year I am now writing (1851) there fell 5·858 or nearly 6 inches of rain! which proved to be the wettest *March* for the last 30 years, and probably within the present century: we had only 8 days rain this month in 1850; but within the same period of 1851 there were 24 days rain!

APRIL. The temperature of this month was in general mild, and at times wet and gloomy, with thunder and heavy showers. The nightingales were heard on the 6th, and on the morning of the 10th they were singing in all directions. On the 12th the tortoises were brought from their hibernal retreat, where they had been since the 17th of November. The monthly temperature was 1434°, or 81° above the mean. The atmospheric pressure was 5 lbs. greater than this month last year; nevertheless the fall of rain was 3·083 inches, exceeding the mean by 1·291 inch. There was rain 17 days and fair weather 13, the latter mostly near the end of the month.

MAY was in general moist, and the temperature, on the whole, pretty uniform; yet the extremes were from 32° to above 75°; thunder was often heard, and at times violent; especially on the 23d, when, in some parts of the country, it

proved a very disastrous visitation. One of the tortoises ate a dandelion leaf or two on the 13th, this being the first food it had taken since the beginning of last October! On the 5th swifts seen; and on the 18th whitethorn in bloom. The monthly temperature was  $1591^{\circ}$ , being  $66^{\circ}$  below the mean. The pressure of the air was 4 lbs. less than last year; and the depth of rain 2 inches, being only  $\cdot 106$  of an inch in excess. Rain 15 days, and fair 16 days.

JUNE was a dry month, and at times very warm; producing maxima of  $80^{\circ}$ ,  $83^{\circ}$  to  $85^{\circ}$ . On the whole, the temperature was  $1813^{\circ}$ , or  $32^{\circ}$  above the mean. The atmospheric pressure was about 3 lbs. greater than that for the same month last year. The depth of rain was only  $\cdot 474$  of an inch, or less than the mean by  $1\cdot 631$  inch. There were 8 days of rain more or less, and 22 days fair. Air at  $75^{\circ}$  in the shade, pump-water  $50^{\circ}$ .

JULY. Though the general temperature of this month was only  $1903^{\circ}$ , or  $5^{\circ}$  below the mean, yet we had some hot days, particularly on the 16th, when the thermometer rose to  $86^{\circ}$  accompanied with heavy thunder-storms, which did much damage in many places to the S. E. of us. The atmospheric pressure was only about 1 lb. greater than what it was during this month last year. The depth of rain was  $2\cdot 895$  inches, being  $\cdot 41$  of an inch above the mean. Rain 19 days, and fair 12.

AUGUST was rather cool for the season, with rough winds, and dark stormy clouds passing over the country, attended with frequent thunder around about us, though but little here. The highest temperature was on the 5th= $80^{\circ}$ , and the lowest on the 30th= $37^{\circ}$ . The general monthly temperature was  $1827^{\circ}$ , or less than the mean by  $36^{\circ}$ . The atmospheric pressure was nearly 4 lbs. less than it was the same month last year. The depth of rain= $1\cdot 089$  inch, being less than the mean by  $1\cdot 415$  inch. Fair 23 days, and rain 8 days.

SEPTEMBER. The first 19 days of this month were dry and rather cool, but afterwards we had frequent showers and distant thunder. The monthly temperature was  $1617^{\circ}$ , which was below the mean  $33^{\circ}$ . The depth of rain= $1\cdot 5$  inch, which was below the mean= $1\cdot 265$  inch, according with the excess of pressure, which was  $12\frac{1}{2}$  lbs. greater than in this month last year. Fair 20 days, and rain more or less 10 days. Very few wasps seen: the same in the dry September of 1843.

OCTOBER was often very cold: the thermometer at times during the night and early in the morning indicated a temperature at or near the freezing point; and on the morning of the 27th many of the dahlias were nearly prostrated by the cold; the short ones had suffered the most, especially in the more humid parts of the garden. The general temperature was  $1329^{\circ}$ , or  $184^{\circ}$  below the mean, being nearly  $6^{\circ}$  of daily temperature below the average. The pressure was 5 lbs. less than

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this month last year ; and the depth of rain was 1.74, or 1.263 inch below the mean. Fair 14 days, rain 17 days.

NOVEMBER was on the whole rather milder than on some preceding years, yet the nights were often very cold, particularly between the 14th and 15th, when the thermometer went down to  $22^{\circ}$ : this degree of cold completely prostrated all the dahlias. The general temperature was  $1305^{\circ}$ , or  $72^{\circ}$  above the mean. The pressure of the air was  $1\frac{1}{2}$  lb. less than the same month last year ; and the depth of rain = 2.449, or .252 of an inch below the mean. We had 15 days' fair weather, and the same number rainy.

DECEMBER. In the early part of this month the air was very foggy, and we had some frosts, though not severe ; the barometer fluctuated considerably, yet the general temperature accorded very nearly with the average, being  $1165^{\circ}$ , or only  $4^{\circ}$  above the mean. The pressure of the atmosphere was 9 lbs. greater than in this month last year ; and the fall of rain was 1.516 inch, which was less than the mean by .599, or very nearly  $\frac{3}{4}$  of an inch. There were fog and rain deposits 22 days. The average daily temperature for the year agrees very nearly with the mean for the last 30 years ; but the depth of rain is less than the annual mean for the last 29 years by 6.76 inches, or rather more than  $6\frac{3}{4}$  inches—hence 1850 was a dry year.

T. SQUIRE.

*Some Extracts from a Meteorological Journal kept at Thwaite, Suffolk, relating to the Year 1850.*

January was a severe frosty month, with frequent snow in the middle of the month : on the 14th, 15th, and 22nd the thermometer stood from  $22^{\circ}$  to  $19^{\circ}$ . February was remarkable for mildness and violent gales of wind : a very stormy period to the 17th ; and on the 6th much damage throughout the kingdom by a severe gale from the north-west : after the 17th fair and pleasant to the end. March to the 16th was fair and mild, afterwards stormy with heavy snow, and very severe frost to the 29th day : the thermometer on the 26th went down to  $16^{\circ}$ ! April was changeable and often showery to the 23rd, afterwards fair, with dry easterly winds. May was rainy and gloomy to the 16th : from thence to the end very fine, warm, and growing weather. On the 31st the thermometer rose to  $75^{\circ}$  in the shade. June was very hot and dry throughout ; on many days the thermometer exceeded  $80^{\circ}$ , and on Sunday the 23rd it was at  $84^{\circ}$ ! much thunder in many places on the 26th day. July was a very hot and sultry month, but many changes occurred, with violent storms of thunder, lightning, and hail. On the 15th, 16th, 17th, and 23rd, the thermometer stood from  $82^{\circ}$  to  $83\frac{1}{2}^{\circ}$ . The memorable storm of thunder on the night of the 15th did immense damage in many parts of England ; build-

ings and trees were destroyed, and much cattle killed by the lightning. *August* proved fine and often hot to the 19th; the thermometer on the 5th was above 83°: the middle of the month was changeable, but the end was fair. *September* was very dry and fine to the 26th day, with but little exception, but showery at the end. *October* was dry and pleasant to the 22nd, afterwards changeable and showery. *November* was exceedingly fine, bright, and warm, with dusty roads, to the 16th; then rainy till the 28th, afterwards fair. *December* was very mild, with but little rain. At the end the mildness increased, and the year expired with a close atmosphere, unusual for the season! The coldest morning was on the 26th of March, and the hottest day was Sunday the 23rd of June.

### ASTROLOGICAL PREDICTIONS.

*Judicium Astrologicum pro Anno 1852.*

*VOX CÆLORUM, VOX DEI: The Voice of the Heavens is the Voice of God. He speaketh in all the Changes of the Seasons and of the Times.*

#### COURTEOUS READER,

A certain poet has said, and that very justly,

All Nature is but Art unknown to thee,  
All Chance Direction, which thou canst not see.

In all times, in all places, and in all situations, Almighty Providence "enlightens every man that comes into the world," and refuses to none of his creatures, fallen or unfallen, the help necessary to conduct them to, or confirm them in, the knowledge and enjoyment of their ultimate and supreme happiness. Nothing therefore derogates more from the divine wisdom and goodness than to maintain, with some superficial philosophers, that there is any one nation or savage in the world, that has not at some time or other in his life an idea of a God, and of a first cause, of moral good and evil, of virtue and vice, sufficient to excite him to the search and knowledge of his Almighty Original, or at least to the desire of being enlightened and beatified by that universal wisdom and goodness that diffuses its rays over all created intelligences. Such savages may indeed be incapable of expressing their ideas and sentiments, of reasoning upon them in a philosophical manner, and drawing from them metaphysical principles and consequences: but all of them, even the most barbarous, the most idolatrous, and the most superstitious, have felt, more or less, the rays, influences,

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Hence to maintain "that out of the pale of the visible church there are no graces;" that of old all the pagan world, and at present all those that are deprived of the light of the gospel, were then and are now left in a state of absolute darkness, and abandoned to eternal damnation, is a wild, absurd, pharisaical error that destroys all God's moral attributes, and thereby leads to the highest incredulity and contempt of all revealed religion. "The Lord is good to all, and his tender mercies are over all his works."—Psalm 145, v. 9.

## THE HIEROGLYPHIC.



*Note.*—My Hieroglyphic of last year, as my readers will have seen, relates to the present state of the two great parties of Christendom; and it will therefore be superfluous for me to say more on the subject at the present time.

### *Astrological Judgment of the Four Quarters of the Year 1852.*

#### *Of the WINTER QUARTER, called the Brumal Ingress.*

This quarter is well known to begin at the time the earth arrives at the first point of ♄, or the Sun at that of ♃; and by accurate computation this is found on the present occasion

to take place on *Monaay*, *December 22nd*, at 9h. 29m. A.M., 1851; when we shall have the 20th degree of ♃ on the eastern angle, and the 25th degree of ♎ on the southern. At that time ♃ and ♀ are on the cusp of the ascendant, or first house; ♃ occupies the 2nd, and ♁ the third house: Mars is in the 7th mundane house, ♃ the 9th, Luna the 11th, and mighty Sol is on the cusp of the 12th. Besides, these planetary bodies form the following aspects near the time of this ingress: □ ♂ ♃, Δ ⊙ ♃, ♂ ♃ ♀, Δ ⊙ ♁; also ♂ ⊙ ♃, and Δ ♃ ♃. Here let us pause a moment, and consider the significance of these positions, and we shall soon find that, though dark and gloomy be the present season of the year, yet the universal spread of knowledge will drive away the clouds of error and superstition, and cheer our hopes with a more brilliant horizon than in times past. Mankind now see more and more that it is not ordained by the great Author of all things that any of them should for ever toil for the purpose of supporting the pride and selfishness of others. There is a wo pronounced against those "who lade men with burdens grievous to be borne, and yet they themselves touch not the burdens with one of their fingers." Let even-handed justice be dealt out to all; then murmurings and discontent will cease:

Ill fares the land, to hastening ills a prey,  
Where wealth accumulates and men decay:  
Princes and lords may flourish or may fade;  
A breath can make them, as a breath has made;  
But a bold peasantry, their country's pride,  
When once destroyed, can never be supplied.

#### *Of the VERNAL or SPRING Quarter of 1852.*

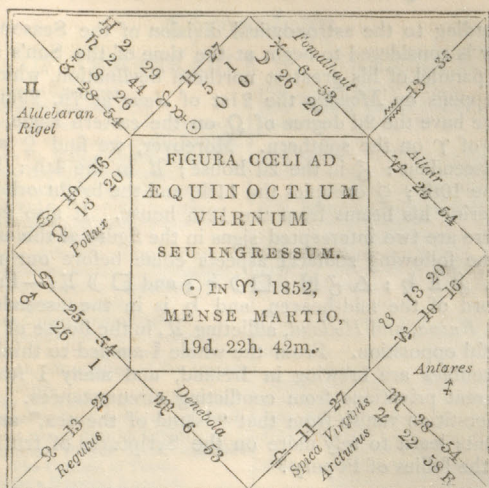
At the mandates of Nature's great Sire,  
Across the green ice-cumbered main,  
See fur-mantled Winter retire,  
With all his rude blasts in his train;  
Sweet Spring in her light, flowing vest,  
Revisits our sea-begirt isle;  
Modest snow-drops encircle her crest,  
The graces dance round her and smile.  
Her tresses are gold-skirted clouds,  
Distilling parturient dew:  
High mountains throw off their white shrouds,  
Low valleys their verdure renew:  
The air by her breath is perfumed;  
Her voice wakes the wood dulcet notes;  
The season of love is resumed,  
And warbled by millions of throats.

According to the most accurate computations, I find that this animating quarter will, in the present year, begin on *Saturday, March 20th*, at 10h. 42m. in the morning, when the mundane positions of the signs and planetary bodies will be as exhibited in the following RADIX of the year's revolution.

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SCHEMA CÆLI.



As it would be impugning the judgment of my readers to enter upon an explanation of the above figure, it will suffice, then, just to inform them of those familiarities of the planets which are denominated zodiacal configurations; these are,  $\odot \text{♀} \text{♁}$ ;  $\odot \text{♀} \text{♂}$ ;  $\odot \text{♁} \text{♀}$ ;  $\Delta \text{♁} \text{♂}$ ;  $\odot \text{♂} \text{♁}$ ;  $\Delta \text{♁} \text{♂}$ ;  $\Delta \text{♁} \text{♂}$ .—This is likely to be an active quarter, and important changes may be expected in the Papal and other States of *Italy*. Even our own country will still be agitated relative to secular matters pertaining to the hierarchy. Many of the old Governments, which require the arm of power for their support, will find their State Treasuries empty;—additional taxes are required, the people grumble, and in the end insubordination will in many cases be the consequence. At home the people seem awake to anything like maladministration of our public affairs, &c. Many of the great ones will quit their public course about this period of the present year.

The Great Exhibition of 1851 continues to be a matter of much conversation, both at home and abroad. It unfolded the powers of man in a way never before seen, and if the results should be good feelings throughout the nations of the earth, its existence may well have been hailed as a valuable boon to society.—Man was never designed by Providence to be a selfish creature, but to do good as well as to receive good:—

Nothing in nature, much less conscious being,  
Was e'er created solely for itself.

*Of the ESTIVAL or SUMMER Quarter.*

According to the astronomical division of the Seasons, this Quarter is considered to begin at the time of the Sun's arrival on the parallel of his greatest northern declination, which this year happens on *Monday* the 21st of *June* at 7h. 29m. A.M., when we have the 2d degree of  $\Omega$  on the eastern angle, and 8 degrees of  $\Upsilon$  on the southern. Moreover, we find  $\text{♀}$  and  $\text{♃}$  in the ascendant;  $\text{♁}$  in the 2d house;  $\text{♃}$  in the 4th;  $\text{♁}$  and  $\text{♂}$  in the 10th;  $\text{♀}$  occupies the 11th, and the bright orb of day is scattering his beams from the 12th house. It also appears that there are two intercepted signs in the figure at this ingress, when the following zodiacal aspects come before our notice, namely,  $\text{♁} \text{♃} \text{♁}$ ;  $\Delta \text{♁} \text{♂}$ ;  $\square \text{♃} \text{♁}$ ; and  $\square \text{♃} \text{♃}$ .—Further,  $\text{♁}$  is lord of the mid-heaven, and  $\text{♁}$  is in the ascendant of *Ireland, Russia, and Holland*, afflicting  $\text{♃}$  in the house of  $\text{♁}$ , by his direful opposition. From the whole I am led to think that fresh troubles are brewing in Ireland, and many I fear will suffer great privations from conflicting circumstances. When will superstition vanish from that "island of the sea," and her inhabitants learn to rely more on the Scriptures of truth, and less on the follies of Popery?

*Of the AUTUMN Quarter.*

At this ingress of the Sun into *Libra* (which takes place on *Wednesday, September 22d*, at 9h. 41m. P.M.), I find the planet  $\text{♀}$  in the third house,  $\text{♁}$  in the 4th;  $\text{♁}$  and  $\text{♁}$  in the 5th;  $\text{♃}$  in the 6th;  $\text{♃}$  in the 8th;  $\text{♂}$  in the 11th, and  $\text{♁}$  near the cusp of the 12th house. Although  $\text{♁}$  and  $\text{♃}$  were in  $\text{♁}$  on the 6th of *September*, yet at this ingress those ponderous bodies are within orbs of their notable opposition. Independent of this, no mutual aspect marks this ingress. The lunar aspects about this time are  $\text{♃}$  in  $\Delta$  with  $\text{♁}$ , in  $\times$  with  $\text{♃}$ , in  $\Delta$  with  $\text{♁}$ , and in  $\square$  with Mars. By way of drawing a judgment from these positions, we may readily observe that great and eminent mutations are rapidly following each other on the wings of Time, changes that few ever expected thirty or forty years ago. Such are the inscrutable ways of Providence, that the very means we often take to ward off an event, proves in the end the main cause of bringing it about.

We are now coming to the conclusion of another year, which is one diminished from the number allotted us here, as rational creatures,—and is closely linked with everlasting happiness, when time, with all its connections, vanishes away.

## Chronology.

## Chronology

### OF REMARKABLE OCCURRENCES.

Years of  
Christ.

- 1066 Norman Conquest.  
 1080 Tower of London built.  
 1116 First Parliament of two Houses.  
 1185 Ireland conquered by the English.  
 1215 June 19, Magna Charta granted.  
 1269 First English Parliament.  
 1302 Mariner's Compass discovered.  
 1304 Edward I. reduced Scotland.  
 1305 Justices of the Peace commissioned.  
 1346 Cannon first used.  
 1349 Order of the Garter instituted.  
 1369 Wicliffe began the Reformation.  
 1415 Oct. 25, Battle of Agincourt.  
 1436 Printing discovered.  
 1450 Jack Cade's insurrection.  
 1492 Columbus discovered America.  
 1509 Acts of Parliament first printed.  
 1536 March, Dissolution of the Monasteries.  
 1536 May 19, Anne Boleyn beheaded.  
 1538 Parochial Registers first appointed.  
 1543 First use of Pins by Ladies.  
 1549 Common Prayer Book enacted; The Council of Trent.  
 1552 Christ's Hospital founded.  
 1584 Sir W. Raleigh discovered Virginia.  
 1587 Feb. 8, Mary, Q. of Scots, beheaded.  
 1588 Spanish Armada destroyed; Paper first made in England.  
 1590 Telescopes invented; Acts of Parliament first printed.  
 1603 Plague in London; died 56,570.  
 1605 Popish Gunpowder Plot, Nov. 5.  
 1610 Jupiter's Satellites discovered.  
 1611 New Translation of the Bible, by Royal Authority.  
 1614 New River brought to London.  
 1616 Shakspeare died.  
 1625 Plague in London; died 34,517.  
 1632 Fire on London Bridge, Feb. 11.  
 1641 The Star Chamber abolished.  
 1643 First Excise Duties.  
 1649 King Charles I. beheaded, Jan. 30.  
 1653 Cromwell made Protector, Dec. 12.  
 1655 George Fox, first of the Quakers.  
 1658 Oliver Cromwell died, Sept. 3.  
 1660 Charles II. restored, May 29.  
 1662 Royal Society instituted.  
 1666 Burning of London, Sept. 2; Tea first introduced into England.  
 1669 Royal Exchange first opened.  
 1670 Prince of Orange arrived.  
 1672 Halfpence & Farthings first coined.  
 1677 Pr. of Orange married Prs. Mary.  
 1678 The Popish Plot discovered.  
 1679 The Habeas Corpus Act passed.  
 1682 Chelsea Hospital founded.  
 1685 Nov. 7, Gazette first published.  
 1685 Revocation of the Edict of Nantes.  
 1688 7 Bishops sent to the Tower, June 8.  
 1688 Pr. of Orangeland at Torbay, Nov. 4.  
 1688 King James II. abdicated, Dec. 12.  
 1689 William & Mary crowned, Apr. 11.  
 1689 Bill of Rights passed.  
 1693 Bank of England established.  
 1694 June, Stamp Duties first instituted.  
 1694 Greenwich Hospital founded.  
 1704 Gibraltar taken by Sir Geo. Rooke; Battle of Blenheim, Aug. 2.  
 1707 England & Scotland united, May 1.  
 1710 St. Paul's rebuilt.  
 1715 Septennial Parliaments enacted.  
 1720 The South Sea Bubble.  
 1727 Sir Isaac Newton died, March 20.  
 1727 Earthquake in several parts of England.  
 1745 A Rebellion in Scotland.  
 1746 Battle of Culloden, April 16.  
 1748 Aug. 4, Great Swarm of Locusts in London.  
 1750 Westminster Bridge finished.  
 1752 Style and Calendar altered, Sept. 2.  
 1753 April, British Museum established.  
 1755 First Canal Act; Lisbon destroyed by an Earthquake.  
 1757 Jan. 2, Calcutta taken; March 14, Execution of Admiral Byng.  
 1758 Sept. 29, Lord Nelson born.  
 1765 General Warrants declared illegal.  
 1775 American War declared, Aug. 23.  
 1776 Americans declare their Independence.  
 1778 War against France.  
 1779 War against Spain.  
 1780 Jan. 8, Lord Rodney's Victory; War against Holland; June 2, "No Popery" riots.  
 1782 April 12, Rodney's Naval Battle; Aug. 29, Royal George foundered at Spithead; Nov., first ascent in a Balloon.  
 1783 A General Peace; Fiery Meteor passed over England, Aug. 18.  
 1784 Establishment of Mail Coaches.  
 1789 July 14, Bastille at Paris destroyed.  
 1791 Riots at Birmingham.  
 1792 France a Republic; King of Sweden shot by Ankerstrom.  
 1793 King & Queen of France guillotined.  
 1794 June 1, Lord Howe's Victory.  
 1796 Great Earthquake at Lisbon.  
 1797 Ireland invaded by the French; Suspension of Cash Payments at the Bank; Feb. 14, Battle off Cape St. Vincent.  
 1797 June, Great Mutiny in the Fleet.  
 1798 Aug. 1, Battle of the Nile; First Railway Act.  
 1799 Buonaparte made First Consul; Seringapatam taken, May 4.  
 1801 Union with Ireland; General Peace; March 24, the Emperor Paul of Russia assassinated; the British and Foreign Bible Society established.

- 1801, 1802, 1804. The Planets *Ceres*, *Pallas*, and *Juno* discovered.
- 1803 War with France renewed, after a peace of 14 months.
- 1804 May 18, Buonaparte made Emperor.
- 1805 Oct. 21, Battle of Trafalgar.
- 1806 Deaths of Mr. Pitt and Mr. Fox.
- 1806 Jan. 9, Cape of Good Hope taken; June 5, Slave Trade abolished; Confederation of the Rhine.
- 1807 English take Copenhagen; Treaty of Tilsit; Portuguese Government emigrate to the Brazils; Gas Lights instituted.
- 1809 Jan. 16, Battle of Corunna.
- 1811 July 27, Battle of Talavera.
- 1812 Moscow burnt; Mr. Perceval assassinated, May 11.
- 1813 War with America; Revolution in Holland; Pr. of Orange recalled.
- 1814 Severe Frost; Allies invaded France; Capitulation of Paris; Buonaparte abdicated & went to Elba; Emperor of Russia, King of Prussia, &c., visited London; Peace proclaimed.
- 1815 Buonaparte returned to France; BATTLE OF WATERLOO; surrender of Paris; Return of Louis XVIII.; Buonaparte exiled to St. Helena, where he died May 5, 1821; Davy's Safety Lamp invented; General Treaty of Peace.
- 1816 Savings' Banks erected.
- 1816, 1817, 1818, Vauxhall, Waterloo, and Southwark Bridges opened.
- 1817 Nov. 6, Princess Charlotte died in childbirth.
- 1820 George III. died Jan. 29; Catostreet conspiracy, Feb. 23.
- 1821 May 5, Buonaparte died.
- 1825 South America independent.
- 1825 Independ. of Hayti acknowledged.
- 1826 June, Abolition of the Janissaries in Turkey.
- 1827 Battle of Navarino, Oct. 20; Benefit of Clergy to Criminals abolished.
- 1828 Repeal of Test and Corporation Acts.
- 1829 April 13, Catholic Relief Bill passed; Sept. Metropolitan Police established; King's College, London, incorporated; London University College opened.
- 1830 June 26, George IV. died, aged 68.
- 1830 July, Algiers taken by the French.
- 1830 July 27, Revolution in France; Abdication of Charles X.; the Duke of Orleans declared King. Revolution at Brussels; Sept. 15, Mr. Huskisson's death by railroad.
- 1831 July 21, Leopold of Saxe Coburg installed King of the Belgians.
- 1831 Aug. 1, London Bridge opened; first stone laid June 1, 1825.
- 1832 March 21, General Fast on account of the Cholera.
- 1832 Reform of Parliament Bills passed.
- 1833 Prince Otho of Bavaria chosen King of Greece; Don Pedro invaded Portugal; Slave Emancipation Bill passed.
- 1833 May 12, Calthorpe-street riot.
- 1834 Oct. 16, Houses of Parliament burnt.
- 1834 July 27, Duty on Almanacks repealed.
- 1835 Sept. Municipal Corporations Act.
- 1836 New Marriage Act passed.
- 1837 William IV. died, June 20.
- 1838 Jan. 10, Royal Exchange burnt; Abolishment of Arrest for Debt under Mesne Process, August.
- 1838 June 28, Queen VICTORIA crowned.
- 1840 Feb. 10, Queen mar. to Prince Albert; Jan. 6, The General Postage at one penny established.
- 1841 Sovereignty of New Zealand claimed; Armoury at the Tower burnt, Oct. 30.
- 1842 May 5, A fire at Hamburgh, destroying one-third of the city; Aug. 1, Tunnel under the Thames opened.
- 1843 Feb. 8 and 9, Earthquake at St. Domingo, Guadalupe, and other West Indian Islands.
- 1843 Sept. 3, Queen Victoria visited the King of the French at Eu; quitted France on the 7th, on a visit to King Leopold, and re-embarked at Antwerp on the 15th.
- 1845 Aug. 9, Embarked at Woolwich on a visit to Germany, and returned Sept. 10.
- 1848 Feb. 24, France again a republic; Abdication of Louis Philippe; great popular disturbances in Germany and Italy; but eventually subdued by military power; April 28, Chartist disturbances in London, put down by the popular sentiment.
- 1849 July, and subsequently, the Cholera very prevalent, as in 1832, extending over various parts of the Kingdom; and doubling the usual mortality in London.
- 1850 June 27, Her Majesty was, while in her carriage, struck violently on the face with a cane, by Robert Pate, formerly a Cornet in the 10th Hussars; July 2, Sir Robert Peel died, aged 62; August 26, Louis Philippe, ex-king of the French, died at Claremont, aged 77.
- 1851 May 1, The Grand Exhibition of the industrial productions of all nations was opened by Her Majesty in person. It was called the "World's Fair," and was visited by six millions of people, causing an immense number of foreigners to visit England. It closed on Oct. 11.

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## Varieties.

### *Dressing Potatoes.*

MR. CUTHILL, the eminent horticulturist of Camberwell, advises the following process:—"After April the potatoes ought to be peeled at night for the one or two o'clock dinners; and for late dinners, at any time before nine in the morning. I have repeated this experiment many times, and the improvement in the quality of the potatoes is very great. It is a well-known fact that, owing to the inherent nature of the potato to grow, it will push in spite of every precaution to stop its growth, leaving the tuber spongy, and with much of its water extracted out of it; and this is the reason why no stale cut vegetable can ever look well. By peeling, and steeping in cold spring water for ten or twelve hours, the pores and cells become filled, however flaccid the tuber may be; and in the process of boiling, this fresh water is again discharged, taking with it all bad flavour, as well as partly removing the dark spots which are often found in late-kept potatoes. I tried them steeped in salt and water, thinking that, in boiling, the salt would remain in the cells, which it did, and gave the potato a better flavour; but the salt turned the outside very brown and did not look well. I have also steeped cut-sets, which in twelve hours became firm; and steeping seeds would, no doubt, have a beneficial effect upon late-planting sets: but water takes a long time penetrating through the rough skin of a whole potato."

### *Elder-flower Wine, or English Frontignac.*

To every gallon of water add two pounds of lump sugar; boil them all together, and clear with the whites of eggs. Have ready picked from the stem, for ten gallons of liquor, three quarters of a peck and a pint of elder flowers, and when the liquor is nearly cold pour it upon the flowers and stir well. To every gallon add one pound of raisins of the sun stoned, one spoonful of the syrup of lemons, and to the whole four spoonfuls of yeast. Let it work two or three days, stirring it well three times each day: then put it into a barrel with one ounce of isinglass and a pint of brandy; close it up well, and let it stand six months before you bottle it. Take care that the cask is quite dry before you put it in, otherwise it will turn acid.

### *The Caterpillar and Gooseberry-bush.*

At the time of the year when the gooseberry trees are apt to be infested by the caterpillar, a piece of whin in full flower, placed in the middle of the bush, will effectually destroy them.

*Importations of Corn and Cheese.*

The importation of wheat, barley, and oats in 1849 and 1850 were :—

	Wheat. qrs.	Wheat-Flour. cwt.	Barley. qrs.	Oats. qrs.
1849—	3,845,378	957,097	1,381,008	1,267,107
1850—	3,738,995	1,091,268	1,035,903	1,154,473

Cheese imported in 1850,—347,802 cwt., of which were imported from British Possessions . . . . . 184 cwt.

The United States . . . . . 78,707 "

Europe, &c. . . . . 268,911 "

347,802 cwt.

*Ammonia in Stables.*

In order to prevent the injury to the eyes of horses, which is the consequence of the ammonia arising from the urine, the following plan is recommended for fixing it. Procure a quantity of granulated or powdered peat-charcoal, which is very cheap, and can be applied by any stable-boy. Such is the affinity between ammoniacal gas and peat-charcoal (carbon), that the former, whenever it is any where near the latter, is attracted to and retained by it; and thus the serious evil of the dissemination of the poison is entirely eradicated. Moreover, the intermixture forms a most valuable manure, and will amply repay the expense of the trivial alteration which it will be expedient, but not indispensable, to make, by excavating the centre and end of the stall to a depth of about twelve inches, and partially filling up the excavation with the charcoal (the communication from the centre to the end being by a simple drain), which will entirely absorb and deodorize the gas.

*Gravy.*

The following method of making gravy, being very simple and always at hand, may be found useful. Dip an ox's liver in water as soon as it comes from the butcher, and take it out immediately. Mix one pound of coarse brown sugar with half a pound of common salt, and rub the liver with it daily for a week or ten days according to its size: then take three ounces of salt-petre and one pound of common salt, boil them to a brine with sufficient water to cover the liver. Let the liver lie in it six weeks, then hang it up in the kitchen like bacon. When the gravy is required, cut off a piece of the liver about the size of a man's finger: this reduced to thin shavings is enough for a pint of water, in which let it boil half an hour, and then strain off. This gravy is excellent for poultry or game, and no salt nor pepper should be added. With a meat bone a piece of it makes good soup.

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*Recommendation to Cottagers.*

All cottagers that have the means of doing so, that is, who have a garden, should keep bees and a pig. The latter may be got up to a very fair size, by feeding him regularly on produce from the garden and the wash from the house. Instead of beginning, as some do, by giving meal and pollard, keep the hard feeding until he is more than half fat; and then buy some oats (the quantity of course must depend on the size of the pig), and give him these whole instead of barley-meal. Thus he will be fatted at much less expense than is usually incurred. Do not try to sell the pig till he is killed; as, generally speaking, more can be got for it when cut up than alive: besides, you may get several days' dinner from the inside, by means of the chitterlings and the hog-puddings. The former, as soon as taken out of the pig, must be turned inside out, cleaned, scoured, salted, scraped, and washed in many waters, till they are perfectly sweet and nice: then twist them into little plaits, and boil several hours. They may be eaten hot when first boiled, or re-warmed on a gridiron, or in a Dutch-oven. For the hog-puddings, if you intend to make these, save a quart or rather more of the blood, and let it be stirred with salt till quite cold. When cold, add a quart of whole grits, and let them soak one night: soak also the crumb of a quarter loaf in two quarts of boiling milk. In the mean time prepare the guts by washing, turning, and scraping with salt and water, and changing the water several times. Chop fine a little sage, winter savoury, or marjoram, and thyme; some add a leek or two finely shred; mix as much pepper, salt, allspice, and ginger as will season the whole. If they are intended for sale, grate in a small nutmeg. Chop up some hogs' fat, not so fine as is usually done with suet; mix well the bread, grits, fat, and seasoning, and put them in the skins; tie in links only half filled, and boil them in a large kettle, pricking them as they swell, otherwise they will burst. When boiled, lay them between clean cloths till cold, and then hang them up. When to be used they must be boiled or toasted.

*Of Drowning.*

It often happens that, when persons are apparently drowned, life is not quite extinct, and may be preserved by prompt and persevering exertions. As soon as the body is taken out of the water, let it be conveyed to the nearest public-house, or any other house that will hospitably receive it: let no time be lost in sending for medical aid; and if one doctor be not in the way, send for another without scruple. In the mean time let the wet clothes be taken off, and the body thoroughly dried by rubbing with cloths; then let it be wrapped in a warm blanket, keeping

the face upwards and the shoulders a little raised. Having placed it on a bed or mattress, made thoroughly hot with the warming-pan, rub it diligently but gently with warm cloths or flannels all over, but especially over the belly, chest, and limbs: after a little time the warmth of the body should be still further promoted, by placing it in a moderately warm bath of water, brewers' grains, sand, ashes, or any other matter most easily obtained. If there be not a sufficient quantity of these things at hand to immerse the whole body, flannel bags filled with them may be applied to the hands, feet, and under the armpits; or cloths made hot by the warming-pan, or heated bricks, or bottles filled with hot water; or blankets and flannels wrung out of hot water, may be wrapped round the body, and renewed as they become cold. While these things are going on, the pipe of a pair of bellows should be applied to one nostril, the other nostril and the mouth being closed. Blow gently till the breast be a little raised, then let the mouth be free, and an easy pressure be made on the chest. This imitation of natural breathing should be repeated till signs of life appear, and then gradually discontinued. If bellows are not at hand, blow in the same manner, through a quill, reed, or small pipe. This important means of restoring the power of breathing must be sedulously attended to. When breathing begins, touch the inside of the nostrils with a feather dipped in spirits of hartshorn, or sharp mustard, or blow some pepper or snuff into them. Though success may not seem to attend the efforts used, they should, nevertheless, be persevered in for *four hours at least*; and if they should prove successful, they must not be too speedily suspended. When the person recovers so far as to be able to swallow, give him, by spoonfuls, a little warm wine or spirits, mixed with water. When life is completely restored, the sufferer should remain at rest in a warm bed, taking warm and nourishing drinks, by which perspiration may be promoted and strength sustained. All violent and rough usage is to be avoided, such as shaking the body, holding it up by the heels, &c.

#### *Salts.*

To distinguish medicinal salts, Epsom, Glauber, or Cheltenham, from poisonous articles nearly similar in appearance, as oxalic acid, &c., the following is an easy test. Before wetting the salts take a small pinch and throw it into the fire; if it be the proper thing, it will dissolve away like snow; but if it spirtle and send up a blue flame like a match, it is certainly something amiss: besides, the proper salts have a bitter and rather soapy taste, while the poisonous salts have a sharp, acrid, and burning taste.

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*Broth.*

A pound of lean meat will make about a quart of broth, not more. If two or three kinds of meat are used, the broth is more nourishing and better flavoured; and little trimming bits of beef, veal, and mutton may often be got at the butcher's very cheap. The proportion of water will be three pints to each pound of meat, to be boiled till reduced to a quart or rather less. The meat will then be good for eating, and the broth fit to strain off; an onion added will improve the flavour. The gristly parts of an animal, such as knuckle and breast of veal, shanks of mutton, &c., afford the most strengthening broth, but not so rich flavoured as that which is made from lean meat, especially from the loin of the animal. It is very well, if you can, to have part of both. Some persons are apt to let broth stand till cold, in order to clear it of the fat; but broth is best when fresh made; and if the fat be objectionable it may be nearly all removed with a spoon, and what remains might be drawn away by laying on the top a piece of blotting paper.

*Gargles.*

If a softening gargle be wanted, as when the throat is loaded with mucus, which it is found difficult to discharge, take an ounce of marsh-mallow roots, and three or four Turkey figs: boil them in a quart of milk and water till nearly half reduced; then strain the liquor on a table-spoonful of honey, and add half an ounce of volatile sal ammoniac. If a sharp scouring gargle be wanted, to brace the throat and palate, the following is recommended:—Take a handful of red rose-leaves, pour over them a pint of boiling water; in half an hour pour it off, and stir in two spoonfuls of honey, and half a pint of vinegar. Spirits of vitriol would answer the purpose of the vinegar better, and be cheaper, but it is a dangerous drug to stand about, and must be kept and used with great caution. Put as much in the gargle as will make it pleasantly sharp.—A very good gargle: a pint of bran tea, sweetened with honey, and one ounce of tincture of myrrh.

*Wages in South Australia.*

For the quarter ending December 31, 1850, the return shows the averages of mechanics, and others to be as follows:—blacksmiths, 9s. per day, without board or lodging; bricklayers, 7s. to 7s. 6d. ditto; brick-makers, 10s. to 13s. per 1000, ditto; carriage-makers, 7s., ditto; coopers, 6s. to 7s., ditto; day-labourers 4s., ditto; wheelwrights, 6s. to 6s. 6d., ditto; miners, according to agreement; boys, 6d. to 1s., with board and lodging; shipwrights, 8s. to 9s. per day, without board and lodging.

*Railway Statistics.*

The number of engines working on railways in 1850, was 2436. Quantity of coke consumed by them within the year, 627,528 tons. Quantity of coal consumed, 896,466 tons. Total distance run within the year, 40,161,850 miles. Average distance run per day, 110,333.

Every day the locomotive engine passes over a distance nearly four and a half times the circumference of the globe. In the year 1850 there were in all 6464 miles of railway under traffic. On the 1st of January 1849, when only 5079 miles of iron road had been opened, there had been of capital expended in their construction, £205,160,000.

*Population by the Census of 1851.*

England and Wales . . . . .	{ Males . . . 8,762,588 } { Females . . 9,160,180 }	17,922,768
Scotland . . . . .	{ Males . . . 1,363,622 } { Females . . 1,507,162 }	2,870,784
Islands in the British Seas . . . . .	{ Males . . . 66,511 } { Females . . 76,405 }	142,916
Ireland . . . . .	{ Males . . . 3,176,726 } { Females . . 3,339,068 }	6,515,794
Army, Navy, & Mer- chant Seamen . . . . .	{ . . . . . }	167,604
		Total . . 27,619,866

*Cattle Bridges.*

Mr. Matthew, of Caermarthenshire, has devised a simple mode of constructing bridges to enable cattle and sheep to pass wide ditches. They consist of poles five inches square, and then sawed from corner to corner, forming two triangular pieces. These are joined by a number of common iron butt hinges, according to their length, and have a handle at each end to open them: thus, when open, one of these forms a safe and easy foot-bridge about fourteen inches wide; but when shut, presents an angular projection, over which neither cattle nor sheep can pass; and when shut, one rail forms a protection to the other from the effects of weather.

*Escape from Fire.*

In case of a person's clothes being set on fire, instead of throwing open the door, and running into the road, as is too often done by the sufferer in extreme terror, or by those around him, who, instead of rendering aid, run out to seek it, let the person

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(particularly if a female, whose dress ignites so rapidly) fall on the ground, and roll in a carpet, blanket, curtain, cloak, coat, or whatever thick woollen article may be at hand. If any other persons are present they should assist in doing this, and be particularly careful to keep all doors and windows shut, as every draught of air stimulates the flames, which it is the object to depress.

#### *Burn or Scald.*

In any case of burning or scalding, which is not so bad as to require medical assistance, or until such assistance can be secured, apply a rag dipped in cold water, and keep it constantly wet with a sponge; or immerse the part in cold water till the pain is relieved; then take it out, and as soon as the pain returns plunge it in the water as before. Do not continue the immersion so long as to produce numbness, but only so as to relieve the pain and reduce the inflammation. If it is thought necessary to persevere in the use of some surgical application, Goulard's lotion will be the most suitable. When the finger or any other part has been slightly burnt, it is an excellent practice to keep the part almost constantly wet with spirit of sulphuric ether. This is a most effectual application for checking the inflammation which would otherwise follow, and the immediate relief it affords is delightful.

#### *To clear the Eyes of Lime or Dirt.*

Syringe the eye immediately with warm water, so as to wash out every particle of lime or mortar, even from underneath the upper eyelid, which may be done by setting the point of the syringe under the outer edge of the upper lid. The eye should be kept constantly open, and on no account covered with a bandage; but a green shade, like the front of a bonnet, may be worn, and the eye frequently fomented with water for several days by means of a large sponge. If the inflammation should not subside after washing the eye, it may be proper to apply five or six leeches as near the eye as possible. A little cooling physic might be serviceable.

#### *Of Wounds.*

All the good that can be done by any outward application is to keep the parts soft and clean, and to defend them from the air. Much mischief may be done by the application of hot balsams, tinctures, and oils. Provided a wound does not bleed excessively, it heals the better for being allowed to bleed freely.

In case therefore of a common cut, the best way is to tie it up with dry lint or rag, or lay on a piece of common adhesive plaster such as surgeons use ; not the black or court plaster, as it disagrees with some persons, and produces inflammation. This adhesive plaster should be always kept in the house : it will keep a long time and costs very little. It is not however proper to tie up a wound or apply plaster to it, if any dirt or other foreign substance should be lodged in it. In that case, the part should be carefully washed with a feather or sponge and warm water. Then, if the bleeding has ceased, draw the edges of the wound close together, and place over some strips of adhesive plaster ; these should be of different lengths and placed slantwise across the cut, one over the edge of another ; and over this place a finger-stall or binder of linen or riband, as may be most suitable to the situation of the wound. The first dressing should not be removed for a day or two, unless considerable pain shows that something is wrong. Nothing more is required than to keep the part clean, and renew the plaster until quite healed.

#### *Poisons.*

If opium, laudanum, nightshade, or poisonous fungus mistaken for mushrooms, or any other stupifying poisons have been taken, or even spirituous liquors in such quantity as to produce the like effects, namely, sickness, giddiness, stupor, and drowsiness, give instantly a table-spoonful of flower of mustard in water, and repeat it with large draughts of warm water, or milk and water mixed with oil or melted butter or lard. If the person becomes so insensible as not to be easily roused, give the mustard in vinegar instead of water, dash basons of cold water at the head, and rub and shake the body actively and constantly.

#### *The Barometer.*

The knowledge of the proper uses of this instrument is so important to the farmer, and an ignorant or careless use of it so injurious, that we think it right to keep it constantly before our readers.

It should be well understood therefore that the principal criterion of the kind of weather to be expected, is the relative motion of the mercury in the tube, and that its absolute height is only of secondary importance, when atmospherical changes are to be anticipated. The words engraved on the register-plate should not be much regarded, as they cannot always be relied upon to correspond with the state of the weather : for this reason the

words are more deserving of notice when the mercury has just moved from "changeable" upwards or downwards.

The absolute height of the mercury is a safe prognostic when it is unusually high or low ; and the following observations upon it may frequently be found to be extremely serviceable :—

1. All appearances being the same, the higher the barometer is, the more likely is the weather to be fair. When the barometer is high, it will be found that very dark and dense clouds pass completely over, and that there is very little probability of immediate rain.

2. When the barometer is low, it sometimes rains almost without any appearance of clouds ; and though the sky may seem to promise fair weather, it may be depended upon that the appearances will not continue long : the face of the sky changes very suddenly on such occasions.

Also, when the barometer continues low, there is seldom much rain, though a fair day is very rare ; the general character of the weather at such times is short, heavy, and sudden showers, with squalls of wind from the W., N.W., or S.W.

3. The barometer is highest of all during a long frost, with a N.E. wind ; and it is lowest of all during a thaw following a long frost, and accompanied by a S.W. wind.

4. In all places nearly on a level with the sea, rain may be expected when the mercury falls below thirty inches.

To judge rightly of the changes to be expected in the weather, we should especially ascertain whether the mercury is actually rising or falling. This will be always seen by regularly adjusting the index of the barometer.

The following rules may be generally relied upon :—

1. The rising of the quicksilver generally presages fair weather ; the falling generally indicates rain, snow, and, if the fall be great, high winds and storms.

2. When bad weather *quickly* succeeds the falling of the mercury, it will not be of long continuance. Similarly, when fair weather *soon* follows the rise of the quicksilver, we must not calculate on its continuance for any length of time.

3. On the contrary, if, in bad weather, the mercury rises considerably, and continues in an advancing state for two or three days before the fair weather sets in, we may expect a continuance of fair weather. And if, in clear weather, the mercury falls remarkably for two or three days together before the rain sets in, it is then highly probable that it will be succeeded by much rain, and perhaps high winds.

4. In winter, the rising indicates frost ; and in frosty weather, if the mercury falls three or four divisions, there will certainly follow a thaw ; but if it rises in a continued frost, it will always be accompanied with snow.

5. In hot weather, the sudden falling of the mercury portends thunder.
6. If the earth continues moist, and water stands in hollow places, no trust should be put in the clearest sky.

TIMBER MEASURE.

A load of timber, unhewn, is 40 cubic ft.	A load of 2½-inch plank .....240 sq. feet.
"          "          squared ... 50 .....	"          3          "          " .....200   "
"          1-inch plank .....600 sq. feet.	"          3½      "          " .....170   "
"          1½      "          " .....400   "	"          4          "          " .....150   "
"          2      "          " .....300   "	

CORN MEASURE.

	make	containing
4 Gills .....	1 Pint .....	3¼ cubic in.
2 Pints .....	1 Quart ...	69½   "
4 Quarts ...	1 Gallon ...	277½   "
2 Gallons ...	1 Peck.....	554½   "
4 Pecks.....	1 Bushel... 2218½	"
8 Bushels... 1 Quarter.		10½ cubic ft.
5 Quarters. 1 Load.....		51½   "

POTATOES.—TABLE of the number of sets of potatoes and total weight of the same, required for planting an acre at the following distances; each set containing only a single eye and weighing half an ounce; the distance between the sets in the rows being nine inches.

	Number of sets per acre.	Weight of sets per acre.
Rows 18 in. apart	38.720	10 90
19	36.682	10 26
20	34.848	9 81
21	33.188	9 29
22	31.680	8 94
23	30.302	8 50
24	29.040	8 11
25	27.874	7 87
26	26.806	7 53
27	25.813	7 22
28	24.891	6 105
29	24.033	6 79
30	23.232	6 54

CUBIC MEASURE.

1728 cub. inches make .....	1 cub. ft.
27   "   feet .....	1   "   yd.
40   "   "   of rough timber }	1 load.
50   "   "   of hewn do. .... }	
108   "   "   .....	1 stack of wood.
128   "   "   .....	1 cord   "

Ready Reckoning or Marketing Table.

N	2d.		3d.		3½d.		4d.		4½d.		5d.		5½d.		6d.		6½d.		7d.	
	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.
2	0	4	0	5	0	6	0	7	0	8	0	9	0	10	1	0	1	1	1	2
3	0	6	0	7½	0	9	0	10½	1	0	1	1½	1	3	1	4	1	6	1	9
4	0	8	0	10	1	0	1	2	1	4	1	6	1	8	1	10	2	0	2	4
5	0	10	1	0½	1	3	1	5½	1	8	1	10½	2	1	2	3½	2	6	2	8½
6	1	0	1	3	1	6	1	9	2	0	2	3	2	6	2	9	3	0	3	3
7	1	2	1	5½	1	9	2	0½	2	4	2	7½	2	11	3	2½	3	6	3	9½
8	1	4	1	8	2	0	2	4	2	8	3	0	3	4	3	8	4	0	4	4
9	1	6	1	10½	2	3	2	7½	3	0	3	4½	3	9	4	1½	4	6	4	10½
10	1	8	2	1	2	6	2	11	3	4	3	9	4	2	4	7	5	0	5	5
11	1	10	2	3½	2	9	3	2½	3	8	4	1½	4	7	5	0½	5	6	5	11½
12	2	0	2	6	3	0	3	6	4	0	4	6	5	0	5	6	6	0	6	7
13	2	2	2	8½	3	3	3	9	4	4	4	10½	5	5	5	11½	6	6	7	0½
14	2	4	2	11	3	6	4	1	4	8	5	3	5	10	6	5	7	0	7	8
28	4	8	5	10	7	0	8	2	9	4	10	6	11	8	12	10	14	0	15	2
56	9	4	11	8	14	0	16	4	18	8	21	0	23	4	25	8	28	0	30	4

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# TOTHAM'S ADDITIONAL TABLES TO ALMANACKS FOR 1852.

67 CORRECTIONS WILL BE THANKFULLY RECEIVED.

## Essex.

Lord Lieutenant and Vice Admiral, The Right Hon. Henry Viscount Maynard, Easton Lodge, Dunmow, and Grosvenor Square, London.

Members—Northern Division, Sir John Tyssen Tyrell, Bart., Boreham House; and Major William Beresford, Exfield, Oxfordshire, and Pall Mall: Southern Division, T. W. Bramston, Esq., Skreens; and Sir Edward North Buxton, Leytonstone.

High Sheriff, William Philip Honywood, Esq., Mark's Hall, Coggeshall.

Under Sheriff, Thomas Sadler, Esq., Coggeshall.

Clerk of the Peace, William Gibson, Esq., Ongar.

Distributor of Stamps, Joseph Savill, Esq., Colchester; Sub-Distributor at Chelmsford, T. M. Gepp, Esq.

County Coroners, Wm. Codd, Esq., Maldon; C. C. Lewis, Esq., Brentwood.

Coroners for her Majesty's Franchises of the Duchy of Lancaster in the County of Essex, Orbell Hustler, Esq., Halsted; William Wall, Esq., Brentwood.

County Treasurers, T. W. Bramston, Esq., M.P., Skreens, and C. G. Round, Esq., Birch Hall.

Deputy Treasurers, T. M. Gepp, Esq., Chelmsford, and Jos. Howell Blood, Esq., Witham.

Registrar of the Commissary Court of the Bishop of London for Essex and Herts, and of the Archdeaconry of Essex, Augustus Charles Veley, Esq., Braintree; Office over the Church Porch, Chelmsford.

Deputy Registrar of the Archdeaconries of Colchester and Middlesex, John Sheppard, Esq., Doctor's Commons.

Acting Deputy Registrar of the Commissary Courts, and of the Archdeaconries of Essex, Colchester, and Middlesex, James Parker, Esq., Chelmsford.

Governor of the Gaol, Springfield, Mr. T. C. Neale.

Bridewell Keeper, Mr. John Anderson, Ilford.

Chief Steward of the Honor of Clare in the Counties of Essex and Suffolk, H. Firmin, Esq., Dedham.

ESSEX CLERGY CHARITY, for Relief of Poor Clergymen, their Widows and Orphans.—Treasurer, Archdeacon Burney, Colne House, Earls Colne, Halsted.—Secretary, Mr. S. W. Maryon, Chelmsford.

### ELECTION DIVISIONS AND POLLING PLACES.

Northern Division includes the Hundreds of Clavering, Dunmow, Freshwell, Hinckford, Lexden, Tendring, Thurstable, Uttlesford, Winstree, and Witham, and the Boroughs of Colchester, Harwich, and Saffron Walden. Polling Places, Braintree, Colchester, Saffron Walden, Thorpe Castle Heddingham, Great Dunmow, and Witham.

Southern Division includes the Hundreds of Barstable, Becontree, Chafford, Chelmsford, Dengie, Harlow, Ongar, Rochford, Waltham Half Hundred, the Liberty of Havering, and the Borough of Maldon. Polling Places, Chelmsford, Billericay, Romford, Stratford, Epping, Rochford, and Madon

## Essex Acting Deputy Lieutenants.

### Sub-division.

Brentwood	Sir Thomas Barrett Lennard, Bart., Belhus
Chelmsford	T. W. Bramston, Esq., M.P.
Colchester	Sir George Henry Smyth, Bart. Berechurch Hall
Dengie	Joseph Pattison, Esq., Maldon
Dunmow	Stephen Wood, Esq., Barnston
Epping	Henry John Conyers, Esq., Copt Hall
Freshwell & Walden	The Rt. Hon. Lord Braybrooke, Audley End
Hinckford	
Ilford	David Badham, Esq., Bulmer
Rochford	Sir J. H. Pelly, Bart., Upton
Tendring	James Scratton, Esq., Canewdon
Witham	John Martin Leake, Esq., Thorp Hall
	Rt. Hon. Lord Rayleigh, Terling Place

### Divisions.

Brentwood	Sir Thomas Barrett Lennard, Bart., Belhus
Chelmsford	J. R. Spencer Phillips, Esq., Danbury
Colchester	Philip Havens, Esq., Wivenhoe
Dengie	Thomas Shreiber, Clerk, Althorne
Dunmow	J. P. H. Chesshyre, Clerk, Rectory, Little Easton
Epping	William Coxhead Marsh, Gains Park, Epping
Freshwell	John Ruggles Brise, Esq., Spains Hall
Hinckford, N.	David Badham, Esq., Bulmer
Hinckford, S.	Bernard Scalé, Clerk, Braintree
Ilford	Peter Mallard, Esq., Woodford
Ongar	J. Bramston Stane, Clerk, Forest Hall, Ongar
Rochford	Thomas Scott Scratton, Clerk, Sutton Rectory
Tendring	John Martin Leake, Esq., Thorp Hall
Walden	Right Hon. Lord Braybrooke, Audley End
Witham	Charles Dalton, Clerk, Kelvedon

### Seniors.

### Clerks of the Lieutenancy.

Mr. W. Wall, Brentwood.
Mr. T. M. Gepp, Chelmsford.
Mr. William Howard, Colchester.
Mr. T. M. Gepp, Chelmsford.
Mr. W. T. Wade, Dunmow.
Mr. R. B. Andrews, Epping.
Mr. Joseph Thomas Collin, Walden.
Mr. John Holmes, Bocking.
Mr. W. H. Clifton, Romford.
Mr. William Swaine, Rochford.
Mr. Angell, Mistley.
Mr. Joseph Howell Blood, Witham.

## Justices of the Peace.

### Seniors.

### Clerks to the Justices.

{	Mr. C. G. Lewis, Brentwood.
	Mr. George Shaw, Billericay.
{	Mr. Robert Bartlett, Chelmsford.
	Mr. William Howard, Colchester.
{	Mr. William Codd, Maldon.
	Mr. Wm. Thos. Wade, Dunmow.
{	Mr. R. B. Andrews, Epping.
	Mr. Augustus Chas. Veley, Braintree.
{	Mr. E. Stedman, Sudbury.
	Mr. O. Hustler, Halsted
{	Mr. W. H. Clifton, Romford.
	Mr. William Baker, Ongar.
{	Mr. William Swaine, Rochford.
	Mr. Angell, Mistley
{	Mr. J. T. Collin, Walden.
	Mr. Joseph Howell Blood, Witham.

## Tax Officers.

*Receiver*, Thomas Frankish, Collector of Excise, Colchester.  
*Inspector*, John Hamlyn, Cambridge.

{	Borough of Colchester, Hundreds of Tendring and Borough of Harwich.	{	Mr. Charles F. Good, Colchester
			Mr. Geo. Trenfield, Romford
{	Hundreds of Ongar, Harlow, and Ongar in Epping Division, Waltham Half-Hundred, and Liberty of Havering.	{	Mr. W. Chadwick, Chelmsford
			Mr. Felix Pileher, Braintree
{	Hundreds of Chelmsford, Rochford, & Dengie, Borough of Maldon, & Division of Epping.	{	Mr. John Brutton, 10, Artichoke Lane, Mile End Road
			Assistant Surveyor of Chelmsford.—Mr. T. S. Atkinson.
{	Hundreds of Hinckford, Dunmow, Uttlesford, Clavering, and Freshwell.	{	Hundred of Becontree.



## Bankers in Essex.

Towns.	Firms.	Agents in London.
Braintree	Sparrow and Co.	Barclay and Co.
Braintree	London & County Bank	71, Lombard Street
Bishop's Stortford	Sparrow and Co.	London & County Bank
Chelmsford	Sparrow and Co.	Barclay and Co.
Chelmsford	London & County Bank	71, Lombard Street
Coggeshall	Sparrow and Co.	Barclay and Co.
Colchester	Round and Co.	Barnett, Hoare, and Co.
Colchester	Mills and Co.	Hankey and Co.
Halsted	Sparrow and Co.	Barclay and Co.
Halsted	London & County Bank	71, Lombard Street
Harwich	Cox and Knocker	Williams, Deacon, & Co.
Maldon	Sparrow and Co.	Barclay and Co.
Maldon	London & County Bank	71, Lombard Street
Manningtree	Alexander and Co.	Barnett, Hoare, and Co.
Manningtree	Nunn and Co.	Barnett, Hoare, and Co.
Romford	London & County Bank	71, Lombard Street.
Saffron Walden	Gibsons and Co.	Drewett and Co.
Witham	Mills and Co.	Hankey and Co.

## High Constables.

DIVISIONS.	HUNDREDS.	
Becontree	Becontree	{ Mr. John Philpot, Great Ilford.
		{ Mr. Richard Payzee, Jun., Leyton.
		{ Mr. Wm. Wilson, Stanford-le-Hope.
Brentwood	{ Barstable	{ Mr. Thomas Mayott, Little Burstead.
	{ Chaffora	{ Mr. S. R. G. Francis, North Ockendon.
		{ Mr. John Joyner, High House, Purfleet.
Chelmsford	Chelmsford	{ Mr. James Butler, Chelmsford.
		{ Mr. Edward Butler, Chelmsford.
Colchester	{ Lexden Half Hun.	{ Mr. John Ambrose, Copford.
	{ Winstree	{ Mr. Henry Bean, West Mersea.
		{ Mr. Francis Bawtree, Abberton.
Dengie..	Dengie	{ Mr. Dyke, Danbury.
		{ Mr. John Kemp, Southminster.
Dunmow	Dunmow	{ Mr. Wm. Scruby, Broxted.
		{ Mr. Chas. Phillips, Margaret Roothing
Epping..	{ Harlow	{ Mr. R. Paris, Cowicks, Sawbridgeworth.
	{ Waltham Half Hun.	{ Mr. J. Smith, Galley Hill, Waltham Abbey
Freshwell..	Freshwell	{ Mr. A. C. Veley, Braintree.
Hinckford..	Hinckford	{ North { Mr. James Hardy Nunn, Yeldham.
		{ South { Mr. Orbell Hustler, Halsted.
Ilford	Becontree	{ Mr. John Philpott, Great Ilford.
Ongar	Ongar	{ Mr. Joseph Philby, Loughton.
		{ Mr. Thomas Stokes, High Ongar.
Rochford	Rochford	{ Mr. Thomas Salmon, Rochford.
Tendring	Tendring	{ Mr. Francis Bannester, Barling.
		{ Mr. Robert Harly, Tendring.
Walden	{ Clavering	{ Mr. M. Woodley, Bentfield Bower.
	{ Uttlesford	{ Mr. Nathaniel Robinson, Littlebury.
	{ Lexden rem. ½ Hun.	{ Mr. William Dean Sadler, Messing.
	{ Thurstable	{ Mr. Henry Perry, Tolleshunt D'Arcy.
Witham	{ Witnam	{ Mr. Charles Cottee, Great Totham.
		{ Mr. John Coote, Witham.
		{ Mr. Thomas Speakman, Fairsted.

## Inspectors of Weights and Measures for the County.

Thomas Coulson, Brentwood	John Hoy, Castle Hedingham
John May, Springfield	Samuel Malings, Bocking
John Brown, Colchester	William Bridges, Chipping Ongar
Francis Knock, Latchingdon	Henry Flood, Rayleigh
James Rogerson, Great Dunmow	John Mc. Innes, Thorpe
Thomas Godwin, Epping	John Timewell Clarke, Newport
Jeremiah Raison, Great Bardfield	Charles Cooke, Witham

## Colchester.

Members, Lord John Manners, the Albany, London; and Joseph Alfred Harcastle, Esq., Hintlesham Hall, near Ipswich.

### THE TOWN COUNCIL.

*Mayor*, Arthur Louis Laing, Esq.

*Aldermen*, H. Wolton, T. Baker, E. Williams, W. B. Smith, A. L. Laing, and Francis Smythies, Esquires.

*Councillors, First Ward*, Messrs. W. W. Hawkins, J. Cooke, T. Moore, G. B. Clark, W. Griffin, and J. C. Eisdell. *Second Ward*, Messrs. J. Peggs, J. Tillett, W. Bowler, E. Sallows, T. Daniell, and J. Norman.

*Third Ward*, Messrs. J. Bawtree, jun., C. Nicholl, C. Hawkins, C. F. Fenton, C. E. Blair, and S. C. Rand.

*High Steward*, John Round, Esq.

*Recorder*, Charles Gray Round, Esq., Birch Hall.

*Assistant Justices*, J. W. Egerton Green, J. Gurdon Rebow, Philip Havens, T. J. Turner, J. Bawtree, G. H. Errington, S. G. Cooke, H. Vint, W. W. Hawkins, R. M. Savill, Joseph Cooke, J. C. Eisdell, J. Mann, Jun., and Stephen Brown, Esqrs.

*Town Clerk*, Mr. Sayers Turner.

*Clerk of the Peace*, Mr. J. S. Barnes.

*Clerk to the Justices*, Mr. S. Wittey.

*Treasurer of the Borough*, Mr. George Bawtree.

*Coroner*, Mr. J. M. Churchill.

*Auditors*, Messrs. J. H. Bryant and Thomas Barrett.

*Mayor's Auditor*—Mr. Alderman Wolton.

*Assessors—First Ward*, Messrs. T. P. Lake and J. H. Bare. *Second Ward*, Messrs. T. Scott and S. S. Dennis. *Third Ward*, Messrs. W. Kington and E. Warmington.

*Assessors for Revising Burgess List with the Mayor*—F. H. Newell, Esq., and H. S. Goody, Esq.

*Conservators*.—Messrs. T. Blyth, J. Watts, J. S. Barnes, and W. H. Bland.

*High Constable*.—Mr. James Watts.

*Master of the Free Grammar School*.—Rev. W. Wright, D.C.L.

*National School*.—Master, Mr. John Hatch; Under Master, Wm. Traylor, Governess, Mrs. Salmon.—*Branch School*—Master, Mr. T. Shave; Mistress, Miss Stubbin.

*Lancasterian School*.—Master, Mr. Ames; Governess, Mrs. Hamilton.

*Inspector of Corn Returns*, Mr. T. R. Harrington.

*Inspector of Weights and Measures*, Mr. Thomas Rouse.

*Keeper of the Borough Gaol*, Mr. C. Harvey.

*Inspector of Police*, Mr. Abraham Kent.

*Town Sergeant*, Henry Aylett.

*Crier*, Robert Johnson.

### ESSEX AND COLCHESTER HOSPITAL.

*Physicians*, Drs. Williams and Duncan. *Surgeons*, Messrs. Partridge, Waylen, and R. S. Nunn. *Treasurers*, Messrs. Mills and Co., and Messrs. Round and Co. *House Surgeon*, Mr. T. Taylor. *Secretary*, Mr. John Lay. *Matron*, Mrs. Mackintosh.

**COLCHESTER PROVIDENT ASYLUM SOCIETY.**—*President*, Sir G. H. Smyth, Bart., M.P. *Auditors*, Mr. E. Sallows and Mr. T. Smith. *Secretary*, Mr. J. Taylor, Jun.

**CUSTOM-HOUSE, Hythe.**—*Collector*, J. U. Argent, Esq. *Comptroller and Land Surveyor*, Mr. Raggett. *Coast Officer and Tide Surveyor*, Mr. B. R. Barnes. *Clerk and Land Waiter and Searcher*, Mr. Edward Jenkin.

**EXCISE AND PERMIT OFFICE, East-Hill.**—*Collector*, Thomas Frankish, Esq. *Clerk*, Mr. Slaney. *Supervisor*, Mr. Jno. Pulford.

**POST-OFFICE, Head-street.**—*Post Master*, Mr. Verlander. Post closes for London at Ten o'clock.

**ESSEX EQUITABLE ASSURANCE OFFICE, High-street.**—*Secretary*, Mr. G. Chisolm.

The **PAVING COMMISSIONERS** meet on the First Monday in every month.

—*Clerk*, Mr. H. S. Goody.—*Surveyor*, Mr. Lewis.

## Colchester Union.

CHAIRMAN--S. G. Cooke, Esq. VICE-CHAIRMAN--James Tillett, Esq.

### EX-OFFICIO GUARDIANS.

Sir G. H. Smyth, Bart. M.P., John Bawtree, Esq., P. Havens, Esq. J. W. Egerton Green, Esq., G. Round, Esq., and G. H. Errington, Esq.

### ELECTED GUARDIANS.

All Saints--Mr. James Watts	St. Martin--Mr. E. J. Cook
St. Botolph--Mr. J. Hawes and Mr. J. Bawtree, jun.	St. Mary-at-the-Walls--Mr. J. Robinson and Mr. Catchpool
Berechurch--Mr. D. Green, jun.	St. Mary Magdalen--Mr. J. Brown
St. Giles--Mr. J. T. Hedge and Mr. W. Stannard	Myland--Mr. G. H. Cant
Greensted--Mr. W. Dixon Green	St. Nicholas--Mr. J. W. Cross.
St. James--Mr. E. Auston and Mr. J. C. Eisdell	St. Peter--Mr. Shewell and Mr. J. Z. Peggs
St. Leonard--Mr. John Mann, jun.	St. Runwald--Mr. Robert Kent
Lexden--Mr. J. Tillett and S. G. Cooke, Esq.	Holy Trinity--Mr. W. White.

CLERK--Mr. F. G. Abell

AUDITOR--Mr. E. W. Banks.

GOVERNOR--Mr. Hooper.

RELIEVING OFFICER--Mr. W. Fox.

SURGEONS--1st Ward District, Mr. J. M. Churchill. 2nd Ward District, Mr. J. Norman. 3rd Ward District, Mr. C. E. Blair. Union House, Mr. Clark.

SUPERINTENDENT REGISTRAR--Mr. F. G. Abell.

REGISTRARS--1st Ward, Mr. W. Fox. 2nd Ward, Mr. T. R. Harrington. 3rd Ward, Mr. W. H. Bland.

REGISTRARS FOR MARRIAGES--Mr. H. S. Goody, and Mr. C. F. Featon.

## Lexden and Winstree Union.

CHAIRMAN--C. G. Round, Esq.

VICE-CHAIRMAN--E. Gripper, Esq.

### EX-OFFICIO GUARDIANS.

John Bawtree, Esq., T. L. Ewen, Esq., T. J. Turner, Esq., Rev. N. Forster, and P. Havens, Esq.

### ELECTED GUARDIANS.

Abberton--Rev. J. J. Holroyd	Langham--Rev. E. C. Ellis
Aldham--Mr. George Lithgow	Layer Breton--Mr. Gripper
Bergholt, West--Mr. J. Ward	Layer-de-la-Hay--Mr. Chas. Hall
Birch--No Nomination	Layer Marney--Mr. J. Polley, jun.
Boxted--Mr. T. Whitaker	Mersea, East--Mr. J. G. Harvey
Brightlingsea--Mr. R. Mason and Mr. W. Cockerell	Mersea, West--Mr. H. Bean
Chappel--Mr. Wm. Dean	Mount Bures--No Nomination
Colne, Wakes--Mr. W. Worcester	Peldon--Mr. H. Woodward
Copford--Rev. K. Bayley	Salcot--Mr. W. Abbott
Dedham--Mr. W. Baker and Mr. R. Austin	Stanway--Mr. G. Lithgow
Donyland, East--Mr. S. S. Brown	Tey, Great--Mr. W. Kemp
Easthorpe--Rev. G. C. Bowles	Tey, Little--Mr. Jas. Mayhew
Fingringhoe--Mr. B. Page	Tey, Marks--No Nomination
Fordham--Mr. Isaac Green	Virley--Mr. J. Blyth
Horkesley, Gt.--Rev. D. F. Markham	Wigborough, Great--Mr. W. Hutley
Horkesley, Little--No Nomination	Wigborough, Little--Mr. E. Harvey
Langenhoe--Mr. G. F. Cooper	Wivenhoe--Mr. G. Prentice and Mr. J. Wright
	Wormingford--Mr. A. Constable

CLERK--Mr. Wm. Howard

AUDITOR--Mr. E. W. Banks.

RELIEVING OFFICERS--Messrs. F. Mason, J. S. Gonner, and T. Saunders.

## Carriers to and from Colchester.

Places where from.	Names.	Inns where put up.	Days of Attendance.	Time of Arrival.	Time of Starting.
Bures and Melford ..	Seymour ..	Waggon & Horses	Tu. and Sat.	11	4
Bures .. .. .	Cleark ..	Waggon .. ..	Tu. Th. Sat.	12	3
Birch .. .. .	Branton ..	Horse and Groom	Daily .. ..	12	8
Brightlingsea .. ..	Day .. ..	Sea Horse .. ..	Daily .. ..	12	4
Brightlingsea .. ..	Leggett ..	George .. ..	Daily .. ..	11	5
Bergholt, Stratford, &c	Peck .. ..	Swan .. ..	Wed. & Sat.	12	4
Bentley, &c. .. ..	Politon ..	Castle .. ..	Daily .. ..	11	3
Boxted .. .. .	Wright ..	Castle .. ..	Sat. .. ..	11	3
Braintree .. .. .	Stevens ..	Bull .. ..	Tues. Sat. ..	12	4
Cambridge, Halsted, &c	Mausfield ..	Waggon & Horses	Tues. Th. Sat.	12	4
Chelmsford .. .. .	Moore .. ..	Horse and Groom	Wed. Sat. ..	11	3
Coggeshall .. .. .	Hunwicke ..	Bull .. ..	M. W. S. ..	11	3
Copford and Stanway.	Saunders ..		Every morn.		
Clacton, Holland, &c..	Reed .. ..	Swan .. ..	Tu. Th. Sat.	11	3
Clacton, &c. .. ..	Bagley ..	Sea Horse .. ..	Tu. Th. Sat.	11	3
Clare, Cambridge, &c.	Elmer .. ..	Castle, north ..	Tu Th Sat	12	3
Dedham .. .. .	Folkard ..	Sea Horse .. ..	Wed. Sat. ..	11	3
Easthorpe .. .. .	Hale .. ..	Ship .. ..	Wed. Sat. ..	12	3
Donyland & Rowhedge	Cook .. ..	Prince of Wales..	Daily .. ..	12	4
Harwich and Oakley..	Youell ..	Swan .. ..	Saurday ..	11	4
Hadleigh .. .. .	Joslin .. ..	Red Lion .. ..	Sat. .. ..	12	4
Halsted .. .. .	Mansfield ..	Waggon .. ..	Tu. Th. Sat.	12	4
Holland and Thorpe	Cunningham.	Swan .. ..	Tu. Th. Sat.	11	3
Ipswich .. .. .	Spooner ..	Swan .. ..	M. W. Fri. ..	4	12
Kelvedon .. .. .	Moore .. ..	Horse and Groom	Wed. Sat. ..	11	3
Kelvedon & Chelmsford	Higgleton ..	King's Arms ..	Wed. Sat. ..	12	4
Manningtree .. .. .	Peck .. ..	Swan .. ..	M. W. Sat. ..	11	4
Maldon .. .. .	Holmes ..	Bull .. ..	Sat. .. ..	11	3
Messing .. .. .	Sach .. ..	White Hart ..	Wed. Sat. ..	12	4
Mistley .. .. .	Wilson ..	Sea Horse .. ..	T. T. S. ..	11	3
Mersea .. .. .	Harvey ..	Plough .. ..	Wed. Fr. Sat.	10	4
Mersea .. .. .	Greenleaf ..	Plough .. ..	Tu. Fr. Sat.	11	4
Mersea .. .. .	Rudkin ..	Wool-pack .. ..	Tu. Th. Sat.	12	4
Nayland, Boxford, &c.	Sowman ..	George .. ..	Wed. & Sat.	11	3
Nayland & Horkesley	Parker .. ..	Waggon & Horses	Wed. Th. Sat.	11	3
Oakley and Harwich..	Cousins ..	George .. ..	Tu. Th. Sat.	12	4
Peldon & Wigborough.	Morbrey ..	Plough .. ..	Daily .. ..	11	3
Stoke .. .. .	Cousins ..	Castle .. ..	Tu. Friday ..	11	3
St. Osyth .. .. .	Cole .. ..	Castle .. ..	Tu. Th. Sat.	11	4
St. Osyth .. .. .	Franklin ..	Swan .. ..	Tu. Th. Sat.	11	4
St. Osyth .. .. .	Middleditch.	Sea Horse .. ..	Tu. Th. Sat.	11	3
Tending and Thorpe..	Lilley .. ..	Castle .. ..	M. Wed. Sat.	12	4
Thorpe, Tendring, &c.	Wilby .. ..	Cross Keys ..	Tu. Th. Sat.	12	4
Tollesbury .. .. .	Lufkin ..	Ship .. ..	Tu. Th. Sat.	11	3
Tollesbury & Layer Bret.	Weavers ..	Bull .. ..	M. Th. Sat. ..	12	3
Walton, Kirby, & Thorp	Cresswell ..	Swan .. ..	Daily .. ..	11	4
Walton, Thorp, &c. ..	Golding ..	Castle .. ..	Tu. Th. Sat.	11	4
Walton & Kirby .. ..	Cook .. ..	Castle .. ..	M. W. F. ..	11	3
Wivenhoe .. .. .	Powell ..	Swan .. ..	Daily .. ..	11	3
Wivenhoe .. .. .	Cole .. ..	Sea Horse .. ..	Daily .. ..	10	4
Wivenhoe .. .. .	Dawson ..	Angel .. ..	Daily .. ..	10	4
Wakes Colne. .. ..	Frost .. ..	White Hart ..	Wed. & Sat	11	3
Wormingford .. .. .	Fowler ..		Every morn.		

### Colchester Waggon.

BENNEL & Co's Colchester, Hadleigh, Ipswich, and Harwich Waggon, from their Offices, Head Street, Castle, High Street, and White Hart Inn, Crouch Street, Colchester, every Monday, Tuesday, Wednesday, and Friday, to the White Horse Inn, Cripplegate, and return every Wednesday, Thursday, Friday, and Saturday.

The Railway Luggage Trains run daily to and from London.

## Harwich.

Members, John Bagshaw, Esq., of Cliff House. Harwich, and one seat vacant.  
TOWN COUNCIL.—*Mayor*, John Patrick, Esq.  
*Aldermen*, Messrs. F. Stevens, J. Patrick, P. W. Freshfield, & J. T. Groom.  
*Councillors*, Messrs. Francis Hales, L. Cottingham, Wm. C. Randfield,  
Stephen Powling, F. F. Hart, Alfred Hast, Patrick Daniels, James  
Durrant, Jas. Pain, J. W. C. Butcher, Joseph Pain, and Edward Fuller.  
*High Steward*, John Aitwood, Esq., of Highlands.  
*Justices of the Peace*, Samuel Billingsley, Jno. Bagshaw, Cornelius Sharp,  
George Marsh, P. W. Freshfield, John Patrick, Francis Hales, Francis  
Stevens, W. C. Randfield, and F. F. Hart, Esqrs.  
*Town Clerk*, Mr. Edward Chapman.—*Treasurer*, Mr. R. R. Barnes.  
*Auditors*, Messrs. William Butcher and D. S. Grigson.  
*Assessors*, Messrs. Robert Crickmar and Charles T. Waights.  
*Master of the Free-School*, Rev. S. N. Bull.  
*Master of the National School*, Mr. George Beazley.  
*Clerk to the Commissioners of Pavement*, Mr. E. Chapman.  
*Treasurer to the same Commissioners*, Mr. R. R. Barnes.  
*Stamp Sub-Distributor*, Mr. Job Saxby.  
*Collector, Landing Surveyor, and Inspector of Aliens*, R. Stephens, Esq.  
*Comptroller, Searcher, and Landing Waiter*, Mr. Samuel Christopherson.  
*Tide Surveyor*, Mr. J. Gould.—*Harbour Masters*, J. Edwards & Wm. Points.  
*Superintendent of Police*, George Coleman. *Sergeants-at-Mace*, Robert  
Gosnall, John Foster, and Richard Benneworth. *Crier*, R. Benneworth.  
*Water Bailiffs*, Joseph Edwards and William Points.  
*Corn and Coal Meters*, J. H. Durrant, A. H. King, J. Clarke, A. Meachen,  
and Thomas Meachen.  
*Agents for Lloyd's*, Mr. O. J. Williams.  
*Deputy Sergeant of the Admiralty Cinque Ports*, Francis Hales, Esq.  
COACH to Manningtree and to London by the Eastern Union and Eastern  
Counties' Railway daily at 8 a.m. (except Sunday), and returns at ½-past  
3 in the afternoon, with the post-office second delivery.  
ORDNANCE.—*Commanding Engineer*, Capt. Hope; *Storekeeper*, Mr. Sharp;  
*Clerk of the Works*, Mr. H. Wright; *Clerk*, Mr. John Blackett.  
STEAM PACKETS.—The "Orwell" to and from London three times a week  
during the summer months.—The "River Queen" to and from Ipswich  
daily.—The "Atalanta" and "Cardinal Wolsey," in connexion with the  
Eastern Union Railway, daily.

## Tending Union.

PRESIDENT—J. M. Leake, Esq. VICE-PRESIDENT—Mr. R. C. Salmon.  
EX-OFFICIO GUARDIANS.

J. M. Leake, Esq.; T. Nunn, Esq.; Rev. H. R. Somers Smith; Rev. G. Bur-  
mester; Capt. Runnacles; and J. Bagshaw, Esq., M.P.

### ELECTED GUARDIANS.

Alresford—Mr. Samuel Candler  
Ardleigh—Mr. Jonathan Bull and  
Mr. Thomas Bromley.  
Bradfield—Mr. James Hardy.  
Beaumont—Mr. R. C. Salmon  
Bentley Great—Mr. J. B. Burrodell.  
Bentley Little—Mr. J. Woodgate  
Bromley Great—Mr. John Dawson.  
Bromley Lt.—Mr. Carrington Nunn.  
Clacton Great—Mr. J. Smith.  
Clacton Little—Mr. T. Hicks  
Dovercourt—Mr. J. Q. Clarke  
Elmstead—Mr. A. Stannard.  
Frating—Mr. W. Caldecott  
Frinton—Mr. C. Theedam  
Harwich—Mr. Wm. C. Randfield,  
Mr. A. Hast, and Mr. J. Durrant  
Holland Great—Mr. Charles Hicks  
Holland Little.—No Nomination  
CLERK.—Mr. W. Angell

Kirby—No Nomination.  
Lawford—Mr. James May  
Manningtree—Mr. C. S. Owen and  
Mr. J. E. Page  
Mistley—Mr. R. E. Page and Mr.  
W. Freeborn  
Oakley Great—No Nomination.  
Oakley Little—Rev. G. Burmester  
Ramsey—Mr. Keer.  
St. Osyth—Mr. F. E. Blyth and Mr.  
S. Dean  
Tending—Mr. R. Thompson  
Thorrington—No Nomination  
Thorpe—Mr. James Pertwee and  
Mr. W. Thompson  
Walton—Mr. S. Wilson  
Weeley—Mr. J. Bones  
Wix—Mr. John Boggis  
Wrabness—Mr. S. D. Lott  
AUDITOR—Mr. E. W. Banks.

RELIEVING OFFICERS.—Messrs. Wymark, Stubbin, and Pudney.

The Board meet every Wednesday.

### Maldon.

Members, David Waddington, Esq., Adelaide House, Enfield; and Thomas Barrett Lennard, Esq., 9, Hyde Park Terrace.

#### TOWN COUNCIL.

Mayor, George May, Esq.

Aldermen, John Payne, John Wilmshurst, Edward Bright, and H. Harri-  
dance, Esqrs.

Councillors, Messrs. George May, Alfred May, Arthur Jennings Aikin, John  
Crick, Robert Smith, R. Bickmore, J. C. Payne, Samuel Hawkes, Wm.  
French, James Butler, Marven Porter Hicks, and Anthony Bentall.

Recorder, J. G. Walford, Esq.

Justices, John Payne, Edward Bright, George May, Alfred May, Joseph  
Pattisson, and John Augustine Bygrave, Esqrs.

Town Clerk and Clerk to the Magistrates, Mr. G. W. Digby.

Clerk of the Peace, and Coroner, W. Crick, Esq.

Treasurer, Mr. Henry May.

Assessors, The Mayor, Messrs. P. H. Youngman and J. G. Seamans.

Auditors, Messrs. Benjamin Goullou and Alfred Busbridge.

Master of the Grammar School, Rev. Salisbury Dunn, A.M.

Water Bailiff, Edward Warren.

Goaler, William Clarke.

Sergants at Mace, Thomas Orrell and Stephen Clarke.

Constables, T. Keys, W. Barnard, E. Warren, E. J. Coker.

Head Constable, W. Clarke.

Clerk of the Market, James Ward. Crier, William Orrell.

Postmaster, Mr. James Cottee. Sub-distributor of Stamps, Mr. Youngman.

CUSTOMS.—Collector, J. Bennett, Esq. Clerk in the Long Room, Mr. J. F.

Shynn. Comptroller, Mr. T. Cumming. Principal Coast Officer (Rochford),

Mr. J. Richmond. Ditto and Tide Surveyor (Burnham), Mr. N. Brook-

ing. Principal Coast Officer (Bradwell), Mr. J. Cockett. Deputy

Collector and Principal Coast Officer (Leigh), Mr. J. H. Allen.

EXCISE OFFICER (Office, King's Head Inn), Mr. Whiskin.

POST leaves for London at  $\frac{1}{2}$  past 7 o'clock in the evening.

### Maldon Union.

CHAIRMAN—J. Payne, Esq.

VICE-CHAIRMAN—Mr. H. Perry.

#### SANITARY COMMISSIONERS.

Mr. W. Bulley, Maldon; Mr. Edward Chapman, Bicknacre, Danbury.

#### GUARDIANS.

All Saints—Mr. R. Cottee

Althorne—Mr. H. G. Kemp

Asheldham—Mr. James Malden, jun.

Bradwell—Mr. Robt. Page

Burnham—Mr. J. J. Bygrave and Mr.

John Rogers

Cold Norton—Mr. W. Clarke

Crixeo—Mr. Samuel Kemp

Dengie—Mr. James Malden

Fambridge, North—Mr. W. Gale

Goldhanger—Mr. John Boys

Hazeleigh—Mr. Richard Going

Heybridge—Mr. Charles Yell

Langford—Mr. John Wood

Latchingdon—Mr. Samuel Clift

Lawrence, St.—Mr. W. Wayling

Mayland—Mr. George Bourne

Mary, St.—Mr. Charles Hurrell and

Mr. William French

Mundon—Mr. Thomas Solly

CLERK—Mr. W. Codd.

RELIEVING OFFICERS—Messrs. Geo Grice, W. Otway, Francis Lufkin.

Peter, St.—Mr. J. Payne and Mr. R.

Pledger

Purleigh—Mr. Pattisson Rutt and

Mr. W. Clarke

Southminster—Mr. Charles Page

and Mr. John Kemp

Steeple—Mr. John Chapman

Stow Maries—Mr. Charles Carter

Tillingham—Mr. J. L. Willes

Totham, Great—Mr. E. Payne

Totham, Little—

Tolleshunt D'Arcy—Mr. H. Perry

Tolleshunt Knights—Mr. C. J. Wilkin

Tolleshunt Major—Mr. R. Francis

Tollesbury—Mr. Robert Seabrook

and Mr. R. Solly, Jun.

Woodham Mortimer—Mr. T. L.

Ward

Woodham Walter—Mr. John Snow,

jun.

AUDITOR—Mr. E. W. Banks.

- Abridge, June 2—c  
 Althorne, June 5  
 Ardleigh, Sept. 29  
 Audley End, August 5  
 Aveley, Easter Monday  
 Bardfield, June 22  
 Barking, Oct. 22—c  
 Bassildon, Sept. 14  
 Ballingdon, Sept. 29  
 Belchamp St. Paul's, Dec. 11—c  
 Bentley, Monday after July 15  
 Billericay, Aug. 2, Oct. 7—c  
 Bishop's Stortford, Holy Th. Tu. after  
 Trinity Sunday, Oct. 10  
 Blackmore, Aug. 21—c  
 Bocking, Thursday before St. James  
 Bradwell, June 24  
 Braintree, May 8, Oct. 2  
 Brentwood, July 18, Oct. 15—c  
 Brightlingsea, St. Swithin, or Thurs-  
 day before, and Oct. 15  
 Burnham, April 25, Sept. 4  
 Canewdon, June 24  
 Canway Island, June 25  
 Castle Heddingham, May 14, Aug. 15,  
 and Oct. 25  
 Chelmsford, May 12, Nov. 12—c  
 Chesterford, July 5—c  
 Great Clacton, June 29  
 Little Clacton, July 25  
 Coggeshall, Whit Tuesday  
 Colchester, Easter Tuesday, July 5,  
 23, Oct. 20—c. Annual Hog-  
 get Show, last Thursday in  
 April  
 Colt, Nov. 17  
 Danbury, May 29  
 Dedham, Easter Tuesday  
 Dovercourt, Whit Monday  
 Dunmow, May 6, Nov. 8  
 Earl's Colne, March 25  
 Elmstead, May 15  
 Epping, Whit Tuesday, Nov. 13—c  
 Fairlop, first Friday in July  
 Felsted, Whit Tuesday  
 Fingringhoe, Easter Monday  
 Ford Street, Easter Tuesday  
 Foulness Island, July 10  
 Goldhanger, May 14  
 Grays, May 23, Oct. 20—c  
 Great Hallingbury, Whit Tuesday  
 Great Oakley, April 25  
 Great Tey, Trinity Monday  
 Great Wakering, July 25  
 Hatfield Broadoak, Aug. 5  
 Hatfield Peverel, Whit Tuesday  
 Hadleigh, June 24  
 Hadstock, June 28—c  
 Halsted, May 6, Oct. 29—c  
 Harlow, May 13, Sept. 9, Nov. 28—c  
 Harwich, May 1, Oct. 18  
 Hawkwell, Whit Tuesday  
 Horndon, June 29  
 Heybridge, July 18  
 Ingatestone, Dec. 1—c  
 Kelvedon, Easter Monday,  
 Kirby, July 26  
 Latchingdon, June 2  
 Leigh, second Tuesday in May  
 Maldon, first Thursday in May,  
 Sept. 13, 14—c  
 Manningtree, Whit Thursday  
 Manewden, Easter Monday  
 Messing, first Tuesday in July  
 Newport, Easter Tuesday, Nov. 17—c  
 Ongar, Oct. 12  
 St. Osyth, Holy Thursday  
 Prittlewell, July 15  
 Purfleet, June 13  
 Purleigh, June 15  
 Ramsey, June 15  
 Rayleigh, Trinity Monday—c  
 Rochford, East, Tu. Wed. aft. Sep. 26  
 Romford, June 24—c  
 Saffron Walden, Saturday before  
 Midlent Sunday, Nov. 1  
 Salcot, Sept. 4  
 South Benfleet, Sept. 24  
 Southend, Whit Monday  
 Southminster, Sept. 29  
 Springfield, Whit Tuesday,  
 Stanstead, May 1—c  
 Stanway, April 23  
 Stebbing, July 10—c  
 Steeple, Whit Wednesday, and Wed-  
 nesday after Sept. 29  
 Terling, Whit Monday  
 Tendring, Sept. 14  
 Thaxted, Monday before Whit Mon-  
 day, Aug. 10—c  
 Thorpe, Monday before Whit Sunday  
 Thundersley, June 23  
 Tillingham, Whit Tuesday, Sept. 16  
 Tiptree, July 25  
 Tollesbury, last Thursday in June  
 Tolleshunt d'Arcy, June 12  
 Toppesfield, July 20  
 Walden, Midlent Saturday, Nov. 1—c  
 Waltham Abbey, May 14, Sep. 25, 26  
 Walton, June 2  
 Weathersfield, July 22  
 West Mersea, Whit Tuesday  
 Wix, Sept. 16  
 Witham, Friday in Whitsun Week,  
 June 4, Sept. 14, Nov. 8  
 Wivenhoe, Sept. 4  
 Woodham Ferris, Oct. 11  
 Writtle, Whit Monday

C denotes Cattle Fair.

## Fairs in Suffolk.

Aldeburgh, March 1, May 4	Hinton, June 29
Aldringham, Oct. 11, December 11	Horringer, Sept. 4
Acton, July 6	Hoxne, Dec. 1
Barrow, May 1	Haughley, August 25
Beccles, Holy Th., June 29, Oct. 2	Hundon, Holy Thursday
Bergholt, last Wednesday in July	Ipswich, May 4, 18, July, 25, Aug. 22, Sept. 25
Bildeston, Ash Wednesday, Holy Th.	Keddington, June 29
Blythbury, April 5	Kersey, Easter Tuesday
Fotesdale, Holy Thursday	Lavenham, Shrove Tuesday, Oct. 11
Boxford, Easter Monday, Dec. 21	Laxfield, May 12, Oct. 12
Boxted, Whit Monday	Lindsay, July 25
Brandon, Feb. 14, June 11, Nov. 11	Lowestoft, May 12, Oct.
Bricket, July 5	Market Weston, Aug. 8
Bungay, May 14, Sept. 25	Melford, Whit Tuesday
Bures, Holy Thursday	Mendlesham, Oct. 2
Bury, Oct. 2, December 1	Mildenhall, Oct. 10
Cavendish, June 11	Monk's Eleigh, July 25
Clare, Easter Tuesday, July 26	Nayland, Wednesday after Oct. 2
Cooling, July 31, Oct. 17	Needham, Oct. 28
Cornard, October 6	Newmarket, Whit Tuesday, Nov. 8
Coddendam, October 2	Orford, June 24
Debenham, June 24	Polstead, Wednesday after July 2
Dunwich, July 25	Saxmundham, Holy Thurs., Sept. 23
Elmset, Whit Thursday	Snape, August 11
Earl Soham, July 23	Southwold, Trinity Monday
Eye, Whit Monday	Stanton, May 31, June 1
Felsham, August 16	Stoke by Clare, Whit Monday
Finningham, Sept. 4	Stoke by Nayland, Wednesday after Old May Day
Framlingham, Whit Monday, Oct. 11	Stowmarket, July 10, August 12
Framsden, Holy Thursday	Stradbroke, Sept. 21
Glemsford, June 24	Stratford, June 22
Great Thurlow, Oct. 10	Sudbury, March 12 July 10
Hacheston, Nov. 12	Thrandiston, July 21
Hadleigh, Whit Monday, Oct. 11	Thwaite, June 30, Nov. 25
Halesworth, Oct. 29	Woodbridge, April 5, Oct. 2
Hortford, March 18, August 22	Woolpit, Sept. 16
Hartest, April 23	
Haverhill, May 12, August 26	

## Essex County Constabulary.

*Chief Constable*—Captain Mc Hardy, R.N., Springfield.

*Treasurer*—Thomas William Bramston, Esq., M.P.

*Deputy Treasurer*—T. M. Gepp, Esq.

Committee meet first Wednesday in every Month, at the Shire Hall.

S. Superintendents. I. Inspectors. C. Constable.

Number and Distribution in November, 1847.

	S.	I.	C.		S.	I.	C.
BRENTWOOD DIVISION ..	1	2	26	ONGAR DIVISION . . . .	1	1	6
CHELMSFORD DIVISION 1 2	1	2	21	ROCHFORD DIVISION . . . .	1	1	11
COLCHESTER DIVISION ..	1	1	12	TENDRING DIVISION . . . .	1	2	13
DENGIE DIVISION . . . . .	1	2	9	WALDEN DIVISION . . . . .	1	2	12
DUNMOW DIVISION . . . .	1	0	9	WITHAM DIVISION . . . . .	1	1	12
EPPING DIVISION . . . . .	1	1	9				
FRESHWELL DIVISION ..	1	1	6	Total of the foregoing ..	14	20	167
N. HINCKFORD DIVISION 1	1	1	7				
S. HINCKFORD DIVISION 1	3	14		Authorised Numbers ..	15	20	156



## Gardeners' Calendar.

**JANUARY.**—Should the weather be open, bring up arrears of planting, pruning, and training; sow beans for transplanting and early peas; set out early York cabbage for first use; bulbs left unplanted should now be got in.

**FEBRUARY**—Main sowing of beans; August-sown cabbages may now be planted out; onions planted for seed; sow early radishes in a sheltered situation; and a few Bath or green Egyptian cos lettuces may be sown at the same time; clean strawberry beds and give them a top dressing; prune raspberries; edgings of various kinds may be planted; roses of robust growth may be pruned; roses may also be planted in a good rich soil.

**MARCH.**—Get in seeds of main crops of various kinds when the weather is favourable—such as onions, carrots, parsnips, &c.; transplant beans; sow brocoli and cabbage for summer and autumn supply; also early horn carrots, cauliflowers, and succession peas; plant potatoes; put in hardy annuals, and thin autumn-sown ones; divide chrysanthemums; sow hardy annuals.

**APRIL.**—Complete sowings omitted in last month; keep the garden well weeded; sow Scotch greens, Brussels sprouts, celery, lettuce, &c.; prepare cucumber frame; sow annuals; plant out biennials; sow mignonette in open border and boxes; plant cuttings of fuchsias, &c., in pots, for striking.

**MAY.**—By the middle of this month tender plants may be planted out of doors; half-hardy plants may have their winter coverings removed; hoe and thin onions, carrots, &c.; sow kidney beans and scarlet runners, nasturtiums, spinach, succession peas, turnips, &c.; sow annuals for autumn flowering; plant out dahlias and pelargoniums; sow giant and Brompton stocks.

**JUNE.**—Watering will be necessary this month: after which loosen the soil with a hoe; sow last crop of mazagan and kidney beans and peas; plant out borecole, Brussels sprouts, cabbages, &c.; thin carrots; plant out celery; bud roses; prick out perennials and biennials; take up bulbs; plant out tender annuals.

**JULY.**—Cut herbs in flower for drying; plant principal crops of winter greens; plant out brocoli; transplant cauliflower; thin out annuals; layer carnations; increase hydrangeas, geraniums, &c., by cuttings.

**AUGUST.**—Hoe between cabbage and other green crops; sow cabbage and carrots for spring crop; earth up celery; sow lettuce to stand the winter; also winter crop of spinach. New plantations of strawberries may be made. Prick out pipings of pinks; propagate petunias, verbenas, &c., by cuttings; plant out stocks.

**SEPTEMBER.**—Collect flower seeds of various kinds; look well to weeds, to prevent their seeding; continue to plant out cabbage, &c.; also August-sown cauliflowers; gather early ripe fruit; sow hardy annuals, particularly the Californian kinds; plant crocusses, snow-drops, narcissus, &c.

**OCTOBER.**—The chief operations of this month are gathering and storing apples and pears and vegetable roots, and sheltering tender plants; plant bulbs; continue taking up potatoes in fine weather; begin pruning gooseberry and currant bushes; divide herbaceous perennials for increase.

**NOVEMBER.**—The best month for pruning and transplanting, trench all unoccupied ground for the influence of the frosts; keep young crops of vegetables clean and free from slugs, take up dahlias; plant hyacinths and tulips; plant flowering shrubs.

**DECEMBER.**—Follow up the operations of November; cut down and remove decayed flowers, and dig borders, taking care not to injure any bulbs; cover tender roses, salvias, and fuchsias, with light litter or leaves, which secure with a thin covering of soil.

*A Distance Table of the principal Towns in Essex.*

BARKING																	7					
18	BILLERICAY																24					
35	21	BRAINFREE															41					
12	6	23	BRENTWOOD														18					
24	9	12	11	CHELMSFORD													29					
17	12	20	7	10	CHIPPING ONGAR												21					
40	26	6	26	16	27	COGGESHALL											44					
45	31	15	33	22	31	9	COLCHESTER										51					
11	18	27	12	17	7	33	39	EPPING									17					
14	12	33	11	21	17	36	41	22	GRAYS THURROCK								21					
40	27	6	29	18	26	6	14	34	38	HALSTEAD							47					
66	51	36	54	42	52	30	21	60	62	35	HARWICH						72					
25	20	14	18	12	11	20	30	12	29	2	50	HATFIELD BROAD OAK					29					
30	18	13	20	10	20	12	16	26	25	18	37	22	MALDON				37					
54	40	24	42	31	40	18	9	49	50	23	12	39	25	MANNINGTREE			60					
34	15	26	21	18	28	23	29	33	23	29	47	30	13	36	ROCHFORD		39					
7	11	29	6	17	10	32	39	0	12	34	60	21	27	48	26	ROMFORD		12				
36	36	20	34	27	27	26	34	25	46	20	55	18	34	43	45	35	SAFFRON WALDEN		42			
37	27	12	26	19	22	19	27	23	37	14	48	11	25	36	37	30	8	THAXTED		44		
3	20	33	18	23	13	39	44	6	23	40	65	18	32	53	35	12	31	33	WALTHAM ABBEY		12	
32	17	7	19	9	18	7	14	26	30	14	35	21	6	23	18	25	27	12	32	WITHAM		37

Miles from London.

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