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WOOD'S ALMANAC,

FOR THE YEAR

1815,

Being the third after Bissextile or Leap-Year.
CONTAINING,

The rising, setting, places and eclipses of the Sun and Moon; the phases, node, age, latitude and southing of the Moon; the geocentric places and aspects of the planets; the rising, setting, and southing of the most conspicuous planets and fixed stars; the time of high-water at New-York, for every day in the year; the culmination of Alioth and a table of the equation of time, &c.



Calculated for the Latitude and Meridian of New-York.

BY JOSHUA SHARP, OF N.-W.-JERSEY.

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NOTES TO THE READER.

1. The calculations of this Almanac are made to solar or apparent time; to which add the equation in the Table on page 3, when the clock is fast, and subtract it when slow, for the mean or clock time.

2. As the days end at midnight, the rising, setting and southing of the Moon, when after that time, is found against the succeeding day: so on the night of (or following) the 4th of the First Month (Jan.) the Moon rises at 2h. 44m. after midnight, viz. in the morning of the 5th, not at 1h. 42m. the time opposite the 4th, which is that of its rising the preceding.

3. The time of the rising, setting, or southing of a star, may be carried several days backwards by adding, or forwards by subtracting 4m. per day: for instance, on the 10th of the First month (Jan.) Sirius is south at 11h. 10m. Adding 12m. for three days sooner, we have 11h. 22m. for the southing on the 7th; and deducting 8m. for two days later, we have 11h. 2m. for that of the 12th of the same month, &c.

4. The time of Alioth's passage over the Meridian, or when a plumb line apparently cuts both the pole star and Alioth, is given, for the first six months above the pole, and the last six below it, to five days in every month, and may be readily known for any day by the preceding note. These two stars will be visibly coincident with a level East and West line at 5h. 59m. before and after Alioth passes the meridian; but for common use say six hours. Thus we may regulate time pieces to a minute, or tell the time without them. The pole star is on the meridian seven minutes later than Alioth, when a true meridian line may be drawn by it, and the magnetic variation be thereby determined.

Alioth is the first star in the tail of the Great Bear, viz. that next the square; or, it is the third star of the seven commonly called the Wagon or Plough, counting towards those two of them denominated the Pointers.

A TABLE Of the Equation of Time, for regulating Clocks and Watches, for 1815.

NOTE.—Fa. clock too fast; that is, your clock, to be set right, must be so much faster than the sundial. Slo. clock too slow; that is, your clock must be so much slower than the sun dial.

Days.	1st Mo. min. sec.	2d Mo. min. sec.	3d Mo. min. sec.	4th Mo. min. sec.	5th Mo. min. sec.	6th Mo. min. sec.
1	3fa. 47	13 56	12fa. 44	4fa 7	3slo. 1	2slo 40
3	4 44	14 11	12 20	3 30	3 16	2 22
5	5 30	14 22	11 53	2 54	3 29	2 3
7	6 37	14 30	11 24	2 18	3 39	1 43
9	7 29	14 35	10 54	1 44	3 48	1 20
11	8 11	14 36	10 23	1 11	3 54	0 56
13	8 57	14 35	9 50	0 38	3 57	0 32
15	9 41	14 30	9 16	0 7	3 58	0 7
17	10 22	14 23	8 41	0slo 22	3 57	0fa. 18
19	11 1	14 13	8 6	0 51	3 54	0 44
21	11 37	14 00	7 30	1 17	3 48	1 10
23	12 9	13 45	6 53	1 41	3 40	1 36
25	12 39	13 27	6 16	2 4	3 30	2 2
27	13 5	13 7	5 39	2 25	3 18	2 27
29	13 28		5 2	2 44	3 4	2 52
31	13 48		4 23		2 49	

Days.	7th Mo. min. sec.	8th Mo. min. sec.	9th Mo. min. sec.	10th Mo. min. sec.	11th Mo. min. sec.	12th Mo. min. sec.
1	3fa. 16	5fa. 59	0slo. 1	10slo. 10	16slo. 14	10slo. 31
3	3 39	5 52	0 39	10 48	16 16	10 6
5	4 1	5 42	1 18	11 25	16 14	9 17
7	4 21	5 29	1 57	12 00	16 10	8 26
9	4 40	5 14	2 38	12 33	16 1	7 33
11	4 57	4 58	3 19	13 5	15 49	6 39
13	5 13	4 38	4 1	13 34	15 34	5 42
15	5 27	4 17	4 42	14 2	15 15	4 45
17	5 39	3 54	5 24	14 27	14 54	3 46
19	5 49	3 28	6 6	14 50	14 28	2 46
21	5 57	3 1	6 48	15 10	13 58	1 4
23	6 3	2 32	7 30	15 28	13 28	0 46
25	6 7	2 00	8 11	15 44	12 53	0fa. 13
27	6 7	1 28	8 51	15 56	12 15	1 13
29	6 6	0 53	9 31	16 5	11 35	2 12
31	6 2	0 18		16 12		10

To set a watch or clock by this Table. For example, 1st Mo. first, I find by looking into the table, that the clock to be right, must be 3 minutes 47 seconds faster than a sundial: therefore, I set it so much faster. And so of the rest. Twelve o'clock, is the best time to set a clock or watch by a sundial.

NOTE. A sundial shows solar or apparent time, but a clock, &c. should be set to equal or mean time, as the Table directs.

Solar and Lunar Eclipses, for 1815.

1st. Of the Sun, on the 10th of the First month (Jan.) at one minute past one in the morning, invisible, by reason of the Moon's south latitude.

The ☉ will be centrally eclipsed on the meridian, in latitude $63^{\circ} 45'$ south, and longitude $47^{\circ} 34'$ east from New-York.

2d. Of the Moon on the 21st of the Sixth Month (June) at one o'clock in the morning, invisible.

3d. Of the Sun, on the 6th of the Seventh Month (July) part visible as follows :

Beginning of the Eclipse at New-York, at 7h. 4m. in the evening : the Sun will set near $4\frac{1}{2}$ digits eclipsed on his north limb.

Duration of visibility 20 minutes.

The ☉ will be centrally Eclipsed on the meridian, in latitude $88^{\circ} 3'$ north, and longitude $100^{\circ} 15'$ west from New-York.

4th. Of the Moon, on the 16th of the Twelfth Month (Dec.) part visible as follows :

Beginning of the Eclipse at 6h. 11m. in the morning.

The Moon will set at Sunrise, totally eclipsed

Duration of visibility, 1h. 16m.

5th. Of the Sun on the 30th of the Twelfth Month (Dec.) at 55m. past 9 o'clock in the morning, invisible to us, only to be seen near the south pole, by reason of the Moon's great south latitude.

Venus (♀) will be Evening Star, until the 13th of the Tenth Month, (Oct.) then Morning Star to the end of the year.

Chronological Cycles.

Dominical Letter	1	Solar Cycle	4
Epaet	2	Lunar Cycle, or golden number	11

Moreable Feasts, &c.

Septuagesima, Jan.	22	Low Sunday, April,	2
Quinquagesima, Feb.	6	Rogation, April	30
Ash Wednesday, Feb.	8	Ascension, May	4
Middle-Lent, March	5	Whit Sunday, May	14
Palm Sunday, March	19	Trinity, May	21
Easter-Sunday, March	26	Advent, Dec.	3

Astronomical Characters Explained.

☉ New Moon,	☉ Sun,	♄ Saturn,
☾ Full Moon,	☿ Mercury,	♃ Georgian,
☾ First } quarters.	♀ Venus,	♌ Conjunction,
	♂ Mars,	♍ Opposition,
♋ Moon's ascending node,	♃ Jupiter,	☐ Quartile.

Characters of the Constellations.

♈ Aries, a Ram,	♎ Libra, a Balance.
♉ Taurus, a Bull,	♏ Scorpio, a scorpion,
♊ Gemini, the Twins,	♐ Sagittarius, a Bowman,
♋ Cancer, a Crab,	♑ Capricornus, a Goat,
♌ Leo, a Lion,	♒ Aquarius, a Butler,
♍ Virgo, a Virgin,	♓ Pisces, the Fishes.

FIRST MONTH, January, hath 31 Days.

A MORAL REFLECTION,

Written on the First Day of the Year, 1797.

SEVENTEEN Hundred and ninety-six
Is now forever past ;
Seventeen hundred and ninety-seven
Will fly away as fast.

Moon's Phases.	Days.	Planets' Places, &c.							☽'s	Asthon	
									Lat.	on Mer.	
		☉	♃	♄	♅	♆	♇	♈	♉	Deg	H.
D. H. M.											
Last ☾ 2 9 55 M.	—	♃	♄	♅	♆	♇	♈	♉	♊	5 N.	6 0
New ☉ 10 9 00 M.	1 11	♃	♄	♅	♆	♇	♈	♉	♊	2 N.	5 36
First ☽ 18 11 4 M.	7 17	♃	♄	♅	♆	♇	♈	♉	♊	4 S.	5 10
Full ☉ 25 4 51 M.	13 23	♃	♄	♅	♆	♇	♈	♉	♊	4 S.	4 45
	19 29	♃	♄	♅	♆	♇	♈	♉	♊	2 N.	4 19
	25 25	♃	♄	♅	♆	♇	♈	♉	♊	2 N.	4 19

M. D.	W. D.	Miscellaneous Particulars.	☉ rises H.M.	☉ sets H.M.	☾ Arc	☉ place s. d.	☽ rises H. M.	☽ south H. M.	High water N. Y.
1	1		7 26	4 34	22		11 32	5 11	2 11
2	2		7 26	4 34	23	♃	morn.	5 54	2 54
3	3		7 25	4 35	24		0 39	6 41	3 41
4	4		7 25	4 35	25	♄	1 42	7 26	4 26
5	5	B's eye south 9 20.	7 24	4 36	26		2 44	8 12	5 12
6	6	Epiphany.	7 24	4 36	27	♅	3 45	8 57	5 57
7	7	♄ sets 5 53.	7 23	4 37	28		4 42	9 42	6 42
8	A.		7 23	4 37	29		5 40	10 30	7 30
9	2	Days increase 10m.	7 22	4 38	30	♃	6 31	11 19	8 19
10	3	Sirius south 11 10.	7 22	4 38	1		sets.	A.	7 9 7
11	4		7 21	4 39	2	♄	5 51	0 57	9 57
12	5		7 20	4 40	3		6 30	1 44	10 44
13	6	♄ rises 4 7.	7 20	4 40	4		7 45	2 29	11 29
14	7	♅ south 5 0.	7 19	4 41	5	♆	8 43	3 11	morn.
15	A.	B's eye south 8 37.	7 18	4 42	6		9 41	3 54	0 11
16	2		7 17	4 43	7	♇	10 40	4 36	0 54
17	3		7 17	4 43	8		11 42	5 20	1 36
18	4		7 16	4 44	9		morn.	6 7	2 20
19	5	Day 9h. 30m. long.	7 15	4 45	10	♈	0 42	6 53	3 7
20	6	☉ enters ♃	7 14	4 46	11		1 52	7 50	3 53
21	7		7 13	4 47	12	♉	3 2	8 47	4 50
22	A.	Septuagesima.	7 12	4 48	13		4 17	9 48	5 47
23	2	♄ ☉ ♄	7 11	4 49	14	♊	5 26	10 50	6 48
24	3	Spica rises 11 24.	7 10	4 50	15		6 28	11 51	7 50
25	4		7 9	4 51	16	♋	rises.	morn.	8 51
26	5	♅ stationary.	7 8	4 52	17		6 39	0 51	9 51
27	6		7 7	4 53	18	♌	7 54	1 48	10 48
28	7		7 6	4 54	19		9 6	2 46	11 46
29	A.	Sexagesima.	7 5	4 55	20	♍	9 10 19	3 37	A. 37
30	2	7's sets 2 13.	7 4	4 56	21		11 21	4 26	1 26
31	3	♄ ☉ ♄ Sup.	7 3	4 57	22	♎	5 morn.	5 12	2 12

SECOND MONTH, February, hath 28 Days.

But whether life's uncertain scene
 Shall hold an equal pace ;
 Or whether death shall come between,
 And end my mortal race :

Moon's Phases.	D. H. M.	Days.	Planets' Places, &c.								☽'s		Alioth	
			☉	♁	♂	♃	♄	♅	♆	♇	Lat.	on Mer.		
			—	—	—	—	—	—	—	—	Deg	H.	M.	
Last ☾	1 00 5 M.	—	♃	♁	♂	♃	♄	♅	♆	♇	4 N.	3	50	
New ☉	9 4 34 M.	1	12	6	4	10	20	21	13	11	2 S.	3	25	
First ☽	16 11 48 A.	7	18	6	5	10	24	28	24	11	5 S.	3	1	
Full ☉	23 3 20 A.	13	24	7	6	10	28	♁	♁	11	0 S.	2	38	
		19	♁	7	6	9	♃	13	15	11	5 N.	2	16	
		25	6	7	7	9	7	21	24	10				

M. D.	W. D.	Miscellaneous Particulars.	☉ rises H. M.	☉ sets. H. M.	☽ ♀ s. D.	☽ ♀ place. H. M.	☽ ♀ rises. H. M.	☽ ♀ south. H. M.	High water N. Y.
1	4		7 24	58 23		18 0 25	5 59	2 59	
2	5	♁ rises 3 45.	7 14	59 24	♁ 00	1 27	6 45	3 45	
3	6		7 0	5 0 25		12 2 29	7 32	4 32	
4	7		6 59	5 1 26		25 3 26	8 20	5 20	
5	1	Quinquagesima.	6 58	5 2 27	♃ 6	4 20	9 8	6 8	
6	2	Sirius south 9 18.	6 56	5 4 28		18 5 10	9 56	6 56	
7	3		6 55	5 5 29		30 5 59	10 47	7 47	
8	4	Ash-Wednesday.	6 53	5 7 30	♃ 12	6 37	11 33	8 33	
9	5		6 52	5 8 1		23 sets.	A. 19	9 19	
10	6		6 51	5 9 2	♁ 6	6 30	1 3	10 3	
11	7	B's eye south 6 46.	6 50	5 10 3	♁ 18	7 32	1 50	10 50	
12	A		6 49	5 11 4	♃ 00	8 28	2 29	11 29	
13	2		6 47	5 13 5		12 9 29	3 11	morn.	
14	3	Valentine.	6 46	5 14 6		25 10 31	3 57	0 11	
15	4	Spica rises 10 53.	6 45	5 15 7	♁ 8	11 35	4 43	0 57	
16	5		6 44	5 16 8		21 morn.	5 32	1 43	
17	6		6 43	5 17 9	♁ 5	0 42	6 24	2 32	
18	7		6 42	5 18 10	♁ 18	1 50	7 21	3 24	
19	A	☉ enters ♁	6 40	5 20 11	♁ 3	2 59	8 24	4 21	
20	2	♁ rises 1 30.	6 39	5 21 12		18 4 8	9 27	5 24	
21	3	☽ in perigee.	6 38	5 22 13	♁ 2	5 5	10 30	6 27	
22	4		6 36	5 24 14		17 5 56	11 30	7 30	
23	5		6 35	5 25 15	♁ 2	rises.	morn.	8 30	
24	6	Day 10h. 53m. long.	6 34	5 26 16		17 6 38	0 27	9 27	
25	7		6 33	5 27 17	♁ 2	7 49	1 19	10 19	
26	A	☉ enters ♁	6 31	5 29 18		16 8 59	2 10	11 10	
27	2	7's sets 00 23.	6 30	5 30 19		30 10 7	3 1	A. 1	
28	3	☉ ♁	5 29	5 31 20	♁ 13	11 13	3 50	0 50	

THIRD MONTH, March, hath 31 Days.

Or whether sickness, pain, or health,
My future lot shall be ;
Or whether poverty or wealth,
Is all unknown to me.

Moon's Phases.			Planets' Places, &c.								☽ s		Aloth	
			DAYS	☉	♃	♄	♅	♆	♇	♁	♂	Lat.	on Mer.	
D. H. M.											Deg	H.	M.	
Last ☾	2	5 11 A.	—	♃	♄	♅	♆	♇	♁	♂	4 N.	2	1	
New ☉	10	10 24 A.	1	10	7	8	9	26	28	10	3 S.	1	39	
First ☽	18	9 23 M.	7	16	7	8	8	13	13	10	3 S.	1	17	
Full ☉	25	1 40 M.	13	22	7	9	7	18	11	27	9 0 N.	0	55	
			19	28	7	9	6	22	18	21	9 0 N.	0	35	
			25	☽	7	10	6	26	25	17	9 5 N.	0	35	

M. D.	W. D.	Miscellaneous Particulars.	☉ rises H.M.	☉ sets H.M.	☽ Age	☽ place s. D.	☉ rises H. M.	☽ south H. M.	High water N. 1'
1	4		6 27	5 33	21	26	morn.	4 38	1 38
2	5	♄ rises 4 57.	6 26	5 34	22	♄ 9	0 17	5 26	2 26
3	6		6 25	5 35	23	21	1 20	6 16	3 16
4	7		6 23	5 37	24	♃ 3	2 20	7 7	4 7
5	A.	Sirius south 7 24.	6 22	5 38	25	15	3 10	7 50	4 56
6	2	♃ stationary.	6 20	5 40	26	27	3 58	8 45	5 45
7	3	☽ in apogee.	6 18	5 42	27	☽ 9	4 39	9 33	6 33
8	4	♄ rises 3 30.	6 17	5 43	28	☽ 20	5 18	10 20	7 20
9	5	Days increase 2 26.	6 15	5 45	29	♃ 2	5 48	11 5	8 5
10	6	♃ stationary.	6 14	5 46	1	14	6 22	11 52	8 52
11	7		6 12	5 48	2	27	sets.	A. 32	9 32
12	A.	B's eye sets 11 51.	6 11	5 49	3	☽ 9	7 28	1 17	10 17
13	2		6 10	5 50	4	23	8 31	2 1	11 2
14	3	♄ south 00 52.	6 9	5 51	5	♃ 5	9 35	2 47	11 47
15	4	♁ ☉ inferior.	6 8	5 52	6	18	10 38	3 35	morn.
16	5		6 7	5 53	7	II 1	11 47	4 27	0 35
17	6		6 5	5 55	8	15	morn.	5 22	1 27
18	7		6 3	5 57	9	29	0 56	6 20	2 22
19	A.	Palm-Sunday.	6 2	5 58	10	♁ 13	2 1	7 19	3 20
20	2	spica south 1 19.	6 1	5 59	11	27	3 0	8 21	4 19
21	3	☉ enters ♃	6 0	6 0	12	♁ 12	3 54	9 21	5 21
22	4		5 59	6 1	13	27	4 40	10 20	6 21
23	5	♃ south 4 16.	5 57	6 3	14	♃ 11	5 20	11 14	7 20
24	6		5 56	6 4	15	26	rises.	morn.	8 14
25	7		5 54	6 6	16	♄ 10	6 43	0 10	9 10
26	A.	♁ ☉ ♄—Easter.	5 53	6 7	17	24	7 51	0 55	9 55
27	2	7's sets 10 37.	5 52	6 8	18	♃ 8	9 2	1 43	10 43
28	3	♃ stationary.	5 51	6 9	19	22	10 9	2 34	11 34
29	4		5 49	6 11	20	♄ 4	11 14	3 24	A. 24
30	5		5 48	6 12	21	17	morn.	4 15	1 15
31	6	Procyon sets 1 12.	5 46	6 14	22	29	0 15	5 5	2 5

FOURTH MONTH, April, hath 30 Days.

One thing I know, that needful 'tis
 To watch with careful eye ;
 Since every season spent amiss
 Is registered on high.

Moon's Phases.	Days	Planets' Places, &c.							D's		Altoth	
									Lat.	on Mer.		
		☾	♃	♄	♅	♆	♇	♈	♉	♊	Deg	H.
D. H. M.												
Last ☾ 2 00 10 A.	—	☾	♃	♄	♅	♆	♇	♈	♉	♊	0 S.	0 8
New ☉ 9 1 23 A.	1	11	7	10	5	1	4	17	8	0 S.	11 42	
First ☽ 16 4 14 A.	7	17	7	11	4	5	11	20	8	2 S.	11 20	
Full ☽ 23 00 20 A.	13	23	7	11	3	9	19	25	8	2 S.	10 58	
	19	29	6	11	2	14	26	☾	7	4 N.	10 35	
	25	8	6	12	2	18	♄	10	7	3 N.		

M. D.	W. D.	Miscellaneous Particulars.	☾	☉	♃	♄	♅	♆	♇	♈	♉	♊	♋	High water
			rises H. M.	sets. H. M.	Age	place. s. D.	rises. H. M.	south. H. M.	N. 2.					
1	7		5 44	6 16	23				11	1 10	5 56		2 56	
2	A.	Low Sunday.	5 43	6 17	24				23	2 00	6 46		3 46	
3	2	☽ in a. pogee.	5 41	6 19	25	☾			5	2 46	7 36		4 36	
4	3	Sirius sets 10 45.	6 40	6 20	26				17	3 26	8 24		5 24	
5	4	☽ ♀	5 39	6 21	27				29	3 58	9 10		6 10	
6	5	Day 12h. 46m. long.	5 37	6 23	28	♃			11	4 31	9 57		6 57	
7	6		5 36	6 24	29				24	5 3	10 43		7 43	
8	7	♄ rises 2 49.	5 35	6 25	30	☾			6	5 29	11 26		8 26	
9	A.		5 33	6 27	1				18	sets.	A. 5		9 5	
10	2		5 32	6 28	2	♃			1	7 30	0 48		9 48	
11	3		5 31	6 29	3				15	9 44	1 39		10 39	
12	4	B's eye sets 9 57.	5 29	6 31	4				28	9 50	2 29		11 29	
13	5	♄ south 10 47.	5 28	6 32	5	♄			12	11 1	3 24	morn.		
14	6		5 27	6 33	6				26	morn.	4 24		0 24	
15	7	♄ ♀	5 26	6 34	7	♄			10	0 5	5 23		1 24	
16	A.	♃ south 2 43.	5 24	6 36	8				23	1 4	6 20		2 23	
17	2	☽ in perigee.	5 23	6 37	9	♃			8	2 2	7 20		3 20	
18	3		5 22	6 38	10				22	2 55	8 18		4 20	
19	4	Spica sets 4 55.	5 20	6 40	11	♃			6	3 26	9 12		5 18	
20	5		5 19	6 41	12				21	4 1	10 3		6 12	
21	6	Day 13h. 24m. long.	5 18	6 42	13	♄			5	4 30	10 52		7 3	
22	7		5 17	6 43	14				19	5 3	11 43		7 52	
23	A.		5 16	6 44	15	♃			3	rises.	morn.		8 43	
24	2		5 14	6 46	16				16	7 57	0 30		9 30	
25	3	7's sets 3 51.	5 13	6 47	17				30	9 5	1 20		10 20	
26	4	♄ rises 2 12.	5 12	6 48	18	♄			12	10 4	2 11		11 11	
27	5		5 11	6 49	19				25	11 6	2 58		11 58	
28	6		5 9	6 51	20	♃			7	11 58	3 53	A.	53	
29	7	Procyon sets 11 41.	5 8	6 52	21				20	morn.	4 45		1 45	
30	A.	Rogation.	5 7	6 53	22	☾			1	0 48	5 36		2 36	

FIFTH MONTH, May, hath 31 Days.

Too well I know what precious hours
 My wayward passions waste ;
 And, oh ! I find my mortal powers
 To dust and darkness haste.

Moon's Phases.	D. H. M.	DAYS.	Planets' Places, &c.								J's		Alioth	
			☉	♃	♅	♁	♄	♆	♁	♁	♁	♁	Lat.	lon Mer.
			—	—	—	—	—	—	—	—	—	—	Deg.	H. M.
Last ☾	1 7 20 M.	—	♁	♃	♅	♁	♄	♁	♁	♁	♁	3 S	10 13	
New ☉	9 1 23 M.	1	10	6 12	1 12	10	20	7	3	5 S.	9	50		
First ☽	15 9 50 A.	7	16	6 12	1 25	18	8	6	5	N.	9	26		
Full ☉	22 at midni	13	22	6 12	1	♁	25	12	6	1 N.	9	3		
Last ☾	31 1 11 M	19	28	5 12	0	5	♁	25	6	5 N.	9	3		
		25	♁	5 12	0	9	9	♁	5	10 N.	8	43		

M. D.	W. D.	Miscellaneous Particulars.	☉ rises H. M.	☉ sets. H. M.	☽ Age.	☽ place. S. D.	☽ rises. H. M.	☽ south. H. M.	High water. N. Y.
1	2	☽ in apogee.	5 6	6 54	22	12	1 28	6 21	3 21
2	3	☽ ♃	5 5	6 55	23	24	2 4	7 8	4 8
3	4	Sirius sets 8 58.	5 4	6 56	24	♁	7 2	36 7 53	4 53
4	5	Ascension.	5 3	6 57	25	♁	1 3	8 8 41	5 41
5	6		5 2	6 58	26	♁	1 3	34 9 23	6 23
6	7	Day 14h. long.	5 0	7 0	27	14	4 3	10 9	7 9
7	A		4 59	7 1	28	27	4 29	10 54	7 54
8	2	♃ rises 1 1.	4 58	7 2	29	♁	10 4	57 11 37	8 37
9	3		4 57	7 3	1	24	sets.	A. 27	9 27
10	4	Spica sets 3 35.	4 56	7 4	2	♁	8 8	50 1 22	10 22
11	5		4 55	7 5	3	22	9 58	2 19	11 19
12	6		4 54	7 6	4	♁	6 10	59 3 18	morn.
13	7	♁ south 8 43.	4 53	7 7	5	20	morn.	4 20	0 18
14	A.	Whit-Sunday—☽ in	4 52	7 8	6	♁	5 0	2 5	19 1 20
15	2	[perigee.	4 51	7 9	7	19	0 51	6 16	2 19
16	3		4 50	7 10	8	♁	3 1	31 7 12	3 16
17	4		4 49	7 11	9	17	2 6	8 2	4 12
18	5	♃ south 12 34.	4 49	7 11	10	♁	1 2	36 8 51	5 2
19	6		4 48	7 12	11	15	3 8	9 39	5 51
20	7	♄ rises 1 20.	4 47	7 13	12	23	3 36	10 28	6 39
21	A.	♁ ☽ ♁ sup. Trinity.	4 46	7 14	13	♁	12 4	6 11 15	7 28
22	2		4 45	7 15	14	24	rises.	morn.	8 15
23	3		4 44	7 16	15	♁	8 7	56 0 3	9 3
24	4	Day 14h. 32m. long	4 44	7 16	16	♁	20 8	56 0 55	9 55
25	5		4 43	7 17	17	♁	3 9	50 1 45	10 45
26	6		4 42	7 18	18	15	10 40	2 36	11 36
27	7	♁ ☽ ♃	4 41	7 19	19	27	11 25	3 26	A. 26
28	A.		4 41	7 19	20	♁	9	morn.	4 16
29	2	Antares sets 4 21.	4 40	7 20	21	21	0 4	5 2	2 2
30	3	☽ in apogee.	4 39	7 21	22	♁	2 0	35 5 47	2 47
31	4		4 39	7 21	23	14	1 7	6 32	3 32

SIXTH MONTH, June, hath 30 Days.

Earth rolls her rapid seasons round,
 They come and they retire ;
 But virtue is with glory crown'd,
 Though suns and stars expire.

Moon's Phases.	D. H. M.	DAY.	Planets' Places, &c.								☾'s		Alioth	
			☉	♃	♄	♅	♆	♇	♈	♉	Deg	Lat.	H.	M.
			—	♁	♂	♁	♁	♁	♁	♁	—	—	—	—
New	7 10 56 M	—	♁	♂	♁	♁	♁	♁	♁	♁	♁	5 5 S	8 11	
First	14 2 56 M	1	10	5	12	0	13	17	23	5	2 S	7 48		
Full	21 1 4 A.	7	16	5	12	0	17	24	♁	5	2 S	7 23		
Last	29 4 41	13	22	4	12	1	21	♁	14	4	5 N	6 57		
		19	27	4	12	1	25	10	22	4	3 N	6 32		
		25	♁	4	12	1	29	15	28	4	3 S	6 32		

M. D.	W. D.	Miscellaneous Particulars.	☉ rises sets.		☾ Age.	☾ place.		☾ rises.		☾ south.		High water N. Y.
			H. M.	H. M.		S.	D.	H.	M.	H.	M.	
1	5	♄ rises 11 22.	4 38	7 22	24	27	1 33	7 15	4 15			
2	6		4 38	7 22	25	♃ 10	2 1	7 58	4 58			
3	7	♄ sets 2 00.	4 37	7 23	26	23	2 26	8 44	5 44			
4	A		4 37	7 23	27	♄ 6	2 56	9 28	6 28			
5	2		4 36	7 24	28	18	3 21	10 15	7 15			
6	3		4 36	7 24	29	♁ 2	3 57	11 7	8 7			
7	4	♄ rises 12 43.	4 36	7 24	1	17	sets.	A. 7	9 7			
8	5	♄ sets 8 45.	4 35	7 25	2	♁ 1	8 46	1 5	10 5			
9	6		4 35	7 25	3	16	9 45	2 4	11 4			
10	7	☾ with ♀	4 34	7 26	4	♁ 1	10 40	3 7	morn.			
11	A	☾ in perigee.	4 34	7 26	5	15	11 30	4 10	0 7			
12	2		4 34	7 26	6	30	morn.	5 3	1 10			
13	3		4 33	7 27	7	♃ 15	0 5	5 56	2 3			
14	4	♄ sets 12 57.	4 33	7 27	8	28	0 38	6 44	2 56			
15	5	♄ Antares south 10 43.	4 33	7 27	9	♁ 12	1 8	7 34	3 44			
16	6		4 33	7 27	10	25	1 39	8 22	4 34			
17	7	Day 14h. 54m. long.	4 33	7 27	11	♃ 8	2 7	9 3	5 22			
18	A		4 33	7 27	12	21	2 32	9 54	6 3			
19	2	♃ south 10 29.	4 32	7 28	13	♄ 4	3 4	10 41	6 54			
20	3		4 32	7 28	14	16	3 39	11 33	7 41			
21	4	☾ eclipsed invisible.	4 32	7 28	15	29	rises.	morn.	8 33			
22	5	☉ enters ♁	4 32	7 28	16	♃ 12	8 31	0 26	9 26			
23	6	♄'s eye rises 3 22.	4 32	7 28	17	23	9 17	1 18	10 18			
24	7		4 32	7 28	18	♃ 5	9 56	2 4	11 4			
25	A	☾ elongation—☾ in [apogee.	4 32	7 28	19	17	10 32	2 54	11 54			
26	2		4 33	7 27	20	29	11 2	3 40	A. 40			
27	3		4 33	7 27	21	♃ 11	11 29	4 21	1 21			
28	4	♄ sets 12 13.	4 33	7 27	22	23	11 54	5 3	2 3			
29	5		4 33	7 27	23	♃ 5	morn.	5 46	2 46			
30	6		4 33	7 27	24	17	0 20	6 28	3 28			

SEVENTH MONTH, July, hath 31 Days.

What awful thoughts! what truth sublime!

What useful lesson this!

O! let me well improve my time;

Oh, let me die in peace!

Moon's Phases.			Days.	Planets' Places, &c.								J's		Alioth	
D. H. M.				☉	♃	♄	♅	♆	♇	♈	♉	Lat.	on Mer.	H.	M.
New	☉	6 6 51 A.	1	26	♃	ww	♄	♅	♆	♇	♈	♉	26	5 S.	6 8
First	☾	13 9 15 M.	7	15	4	11	3	6	28	5	3	2 N.	5	43	
Full	☽	21 3 36 M.	13	20	3	10	3	10	17	4	3	5 N.	5	19	
Last	☾	29 6 5 M.	19	26	3	10	4	13	11	1	3	0 S.	4	55	
			25	30	3	10	5	16	17	26	2	5 S.	4	31	

M. D.	W. D.	Miscellaneous Particulars.	☉	☉	☾	☾	☾	☾	☾	
			rises	sets.	place.	rises.	south.	High water		
			H. M.	H. M.	s. D.	H. M.	H. M.	H. M.	N. Y.	
1	7	☉ ♃ ♄	4 34	7 26	25	30	0 44	7 10	4 10	
2	A.	Antares south 9 33.	4 34	7 26	26	♃ 14	1 15	7 59	4 59	
3	2		4 34	7 26	27	28	1 48	8 52	5 52	
4	3		4 35	7 25	28	♄ 11	2 24	9 47	6 47	
5	4		4 35	7 25	29	25	3 6	10 43	7 43	
6	5	☉ eclipsed, visible.	4 36	7 24	1	♅ 10	sets.	11 44	8 44	
7	6	♄ rises 8 48.	4 36	7 24	2	25	8 23 A.	4 45	9 45	
8	7	♃ stationary.	4 37	7 23	3	♃ 10	9 6	1 49	10 49	
9	A.	☾ in perigee.	4 37	7 25	4	25	9 57	2 49	11 49	
10	2		4 38	7 22	5	♄ 10	10 32	3 43	morn.	
11	3	B's eye rises 2 11.	4 38	7 22	6	24	11 4	4 36	0 43	
12	4		4 39	7 21	7	♄	11 34	5 24	1 36	
13	5	♄ sets 10 46.	4 39	7 21	8	22	morn.	6 13	2 24	
14	6		4 40	7 20	9	♄	5 0	6 59	3 13	
15	7		4 41	7 19	10	18	0 30	7 48	3 59	
16	A.	♃ south 8 24.	4 41	7 19	11	♃	1 1	8 35	4 48	
17	2		4 42	7 18	12	14	1 37	9 24	5 35	
18	3	Spica sets 10 50.	4 43	7 17	13	26	2 14	10 14	6 24	
19	4		4 44	7 16	14	♃	3 00	11 7	7 14	
20	5	♄ south 4 57.	4 45	7 15	15	20	3 51	11 57	8 7	
21	6	[apogee.	4 46	7 14	16	ww	2	rises.	morn.	8 57
22	7	♄ ☉ ♃ inf. — ☾ in	4 46	7 14	17	14	8 28	0 46	9 46	
23	A.	☉ enters ♃	4 47	7 13	18	26	9 1	1 30	10 30	
24	2		4 48	7 12	19	♃	9 31	2 18	11 18	
25	3		4 48	7 12	20	19	9 55	2 59	11 59	
26	4	Fomalhaut s. 2 29.	4 49	7 11	21	♃	10 20	3 40	A. 40	
27	5		4 50	7 10	22	13	10 44	4 22	1 22	
28	6		4 51	7 9	23	26	11 12	5 4	2 4	
29	7	Day 14h. 16m. long.	4 52	7 8	24	♃	9 11	41 5	49 2	
30	A.	7*s rises 11 33.	4 53	7 7	25	21	morn.	6 35	3 35	
31	2	Dog-days begin.	4 54	7 6	26	♄	5 0	15 7	24 4	

EIGHTH MONTH, August, hath 31 Days.

A SUMMER'S DAY.

FIERCELY glows the noonday sun,
 To avoid his scorching heat,
 Till the sultry day is done,
 Let us seek some cool retreat.
 In yon pleasant shady grove,
 Shelter'd by the spreading trees,

Moon's Phases.	Days.	Planets' Places, &c.								J's		Alioth	
		☉	♃	♅	♁	♄	♆	♁	♁	Lat.		on Mer.	
										Deg	H.	M.	M.
D. H. M.													
New ☉	5	2	00M.	♁	♃	♅	♁	♄	♆	♁	♁		
First ☽	11	6	16 A.	1	8	3	9	6	20	24	24	2	1 S. 4 4
Full ☉	19	7	14 A.	7	14	3	9	7	22	30	26	2	4 N. 3 41
Last ☾	27	5	25 A.	13	20	3	8	8	25	♁	♁	1	2 N. 3 18
				19	26	3	8	9	27	10	10	1	4 S. 2 56
				25	♃	3	8	10	28	15	21	1	4 S. 2 34

M. D.	W. D.	Miscellaneous Particulars	☉	☽	♃	♅	♁	♄	♆	♁	♁	High water
			rises H. M.	sets. H. M.	sets. H. M.	place. S. D.	rises. H. M.	south. H. M.	N. Y.			
1	3	♀ gr. elongation.	4 55	7 5	27			19	0 51	8 19	5 19	
2	4	♁ ♁ h	4 56	7 4	28	♁	3	1 39	9 21	6 21		
3	5	Antarcs sets 11 37.	4 57	7 3	29		8	2 40	10 25	7 25		
4	6		4 58	7 2	30	♁	3	3 45	11 28	8 28		
5	7		4 59	7 1	1		18	sets.	A. 29	9 29		
6	A.	♁ in perigee.	5 0	7 0	2	♃	3	8 27	1 28	10 28		
7	2	h south 11 35.	5 1	6 59	3		18	9 4	2 25	11 25		
8	3		5 2	6 58	4	♁	3	9 33	3 16	mor.		
9	4		5 4	6 56	5		18	10 3	4 7	0 16		
10	5	♁ elongation.	5 5	6 55	6	♃	1	10 33	4 55	1 7		
11	6	♃ stationary.	5 6	6 54	7		15	11 5	5 45	1 55		
12	7	B's eye rises 12 4.	5 7	6 53	8		28	11 33	6 33	2 45		
13	A.	♁ sets 10 50.	5 8	6 52	9	♃	10	mor.	7 23	3 33		
14	2		5 9	6 51	10		23	0 16	8 16	4 23		
15	3		5 10	6 50	11	♃	5	0 53	9 3	5 16		
16	4	Spica sets 8 59.	5 12	6 48	12		17	1 45	9 54	6 3		
17	5		5 13	6 47	13		29	2 40	10 42	6 54		
18	6		5 14	6 46	14	♃	11	3 35	11 31	7 42		
19	7	♁ in apogee.	5 15	6 45	15		23	rises.	mor.	8 31		
20	A.	♃ sets 10 54.	5 16	6 44	16	♁	4	7 20	0 17	9 17		
21	2		5 18	6 42	17		16	8 3	1 00	10 00		
22	3	7's rises 10 5.	5 19	6 41	18		28	8 31	1 42	10 42		
23	4	☉ enters ♃	5 20	6 40	19	♃	10	8 52	2 24	11 24		
24	5		5 21	6 39	20		22	9 17	3 6	A. 6		
25	6		5 23	6 37	21	♁	5	9 46	3 48	0 48		
26	7	♁ south 3 35.	5 24	6 36	22		19	10 16	4 34	1 34		
27	A.		5 25	6 35	23	♁	1	10 53	5 23	2 23		
28	2	Day 13h. 8m. long.	5 26	6 34	24		14	11 32	6 16	3 16		
29	3		5 28	6 32	25		28	mor.	7 13	4 13		
30	4	Sirius rises 3 00	5 29	6 31	26	♁	12	0 39	8 13	5 13		
31	5		5 30	6 30	27		26	1 32	9 14	6 14		

NINTH MONTH, September, hath 30 Days.

There we can securely rove,
 And enjoy the balmy breeze.
 Not a cloud obscures the sky,
 All is bright celestial blue ;
 And the fields relieve the eye
 By their pleasant cool green hue.

Moon's Phases.	D. H. M.	Days.	Planets Places, &c.								J's	Alioth			
			☾	♃	♄	♅	♆	♇	♈	♉	♊	♋	Lat.	on Mer.	
													Deg	H.	M.
New	☉ 3 9 24M.	1	♃	♄	♅	♆	♇	♈	♉	♊	♋	3 N.	2	9	
First	☽ 10 7 4M.	7	♃	♄	♅	♆	♇	♈	♉	♊	♋	4 N.	1	48	
Full	☾ 18 11 17M.	13	♃	♄	♅	♆	♇	♈	♉	♊	♋	2 S.	1	26	
Last	☽ 26 2 46M.	19	♃	♄	♅	♆	♇	♈	♉	♊	♋	5 S.	1	4	
		25	♃	♄	♅	♆	♇	♈	♉	♊	♋	0 S.	0	42	

M. D.	W. D.	Miscellaneous Particulars.	☾	☽	☾	☽	☾	☽	High water N. Y.
			rises H. M.	sets H. M.	Age	place. s. d.	rises. h. m.	south h. m.	
1	6	♄ south 9 54.	5 32	6 28	28	11	2 42	10 15	7 15
2	7	☽ in perigee.	5 33	6 27	29	27	3 53	11 18	8 18
3	A.	Antares sets 9 52.	5 34	6 26	1	♃	12 sets.	A. 14	9 14
4	2	♄ ☽ ♀ sup.	5 35	6 25	2	27	7 37	1 8	10 8
5	3	Dog days end.	5 37	6 23	3	♄	12 8 4	1 59	10 59
6	4		5 38	6 22	4	26	8 40	2 53	11 53
7	5	♃ sets 9 51.	5 39	6 21	5	♃	11 9 10	3 42	morn.
8	6		5 41	6 19	6	24	9 42	4 33	0 42
9	7	Day 12h. 36m. long.	5 42	6 18	7	♄	7 10 19	5 25	1 33
10	A		5 43	6 17	8	20	11 5	6 16	2 25
11	2		5 45	6 15	9	♃	2 11 49	7 7	3 16
12	3	B's eye rises 10 7.	5 46	6 14	10	14	morn.	7 59	4 7
13	4	♄ stationary.	5 47	6 13	11	26	0 42	8 46	4 59
14	5	♄ sets 7 14.	5 49	6 11	12	♃	8 1 33	9 36	5 46
15	6	☽ in apogee.	5 50	6 10	13	20	2 34	10 21	6 36
16	7		5 51	6 9	14	♃	1 3 30	11 4	7 21
17	A.	♄ south 8 56.	5 53	6 7	15	13	4 28	11 48	8 4
18	2		5 54	6 6	16	25	rises.	morn.	8 48
19	3		5 55	6 5	17	♃	7 7 5	0 33	9 33
20	4		5 57	6 3	18	20	7 31	1 13	10 13
21	5		5 58	6 2	19	♄	2 7 58	1 56	10 56
22	6	♀ stationary.	5 59	6 1	20	14	8 31	2 42	11 42
23	7	☽ enters ♄	6 0	6 0	21	27	9 00	3 33	A. 33
24	A.		6 2	5 58	22	♃	10 9 38	4 2	1 21
25	2		6 3	5 57	23	24	10 29	5 11	2 11
26	3		6 5	5 55	24	♄	8 11 26	6 11	3 11
27	4	♄ south 1 39.	6 6	5 54	25	21	morn.	7 11	4 11
28	5	♄'s south 3 20.	6 7	5 53	26	♃	6 0 29	8 10	5 10
29	6	☽ in perigee.	6 9	5 51	27	20	1 42	9 11	6 11
30	7		6 10	5 50	28	♃	5 2 55	10 8	7 8

TENTH MONTH, October, hath 31 Days.

Listen to the blackbird's song,
Perch'd on yonder leafy bough ;
How melodious and how strong,
And cheerfully he warbles now.
See the beauteous languid flowers,
Faded by the parching heat ;

Moon's Phases.	D. H. M.	Days.	Planets' Places, &c.								☽'s	Alioth		
			☉	♃	♅	♁	♄	♆	♁	♁	♁	Lat.	on Mer.	
			—	—	—	—	—	—	—	—	Deg	H.	M.	
New ☉	2 5 58 A.	—	♁	♃	♅	♁	♄	♆	♁	♁	♁	5 N.	0	21
First ☽	9 11 47 A.	1	8	4	6	18	28	25	26	29	1 N.	11	55	
Full ☉	18 3 6 M.	7	14	4	6	19	27	23	23	28	4 S.	11	33	
Last ☾	25 11 11 M.	13	19	4	6	20	25	19	12	28	4 S.	11	10	
		19	26	5	6	22	23	16	19	28	4 S.	11	10	
		25	♃	5	6	23	21	13	25	27	3 N.	10	47	

M.	D.	W. D.	Miscellaneous Particulars.	☉	☽	☾	♃	♅	♁	♁	♁	High water
				rises	sets.	Age	place	rises.	south	water		
				H. M.	H. M.	Days	S.	D.	H. M.	H. M.	N. Y.	
1	1		Fomalhaut s. 10 17.	6 11	5 49	29		20	4 10	11 3	8 3	
2	2			6 13	5 47	1	♁	5	sets.	11 57	8 57	
3	3		Day 11h. 50m. long.	6 14	5 46	2		20	6 48	A. 46	9 46	
4	4			6 15	5 45	3	♃	4	7 16	1 37	10 37	
5	5		♃ sets 00 43.	6 17	5 43	4		18	7 50	2 29	11 29	
6	6			6 18	5 42	5	♃	2	8 24	3 21	morn.	
7	7			6 19	5 41	6		15	9 6	4 15	0 21	
8	A.		Sirius south 5 46.	6 21	5 39	7		28	9 52	5 7	1 15	
9	2		♃ stationary.	6 22	5 38	8	♃	10	10 42	5 59	2 7	
10	3			6 23	5 37	9		22	11 36	6 49	2 59	
11	4			6 25	5 35	10	♃	4	morn.	7 39	3 49	
12	5		[apogee.	6 26	5 34	11		16	0 33	8 26	4 39	
13	6		♃ ♁ inf. — ☽ in	6 27	5 33	12		28	1 29	9 10	5 26	
14	7		♃ ♁ ♃	6 29	5 31	13	♃	10	2 27	9 55	6 10	
15	A.			6 30	5 30	14		22	3 30	10 37	6 55	
16	2		7's south 2 14.	6 31	5 29	15	♃	4	4 30	11 20	7 37	
17	3		♃ ♁ ♃	6 32	5 27	16		16	5 30	11 59	8 20	
18	4			6 34	5 26	17		29	rises.	morn.	8 59	
19	5		Day 10h. 46m. long.	6 35	5 25	18	♃	12	6 36	0 47	9 47	
20	6		♃ elongation.	6 37	5 23	19		24	7 9	1 34	10 34	
21	7			6 38	5 22	20	♁	7	7 44	2 23	11 23	
22	A.		♃ sets 11 35.	6 39	5 21	21		21	8 31	3 15	A. 15	
23	2		☉ enters ♃	6 40	5 20	22	♁	4	9 24	4 11	1 11	
24	3			6 42	5 18	23		18	10 30	5 10	2 10	
25	4		♃ south 11 17.	6 43	5 17	24	♃	2	11 41	6 11	3 11	
26	5		Antares sets 6 40.	6 44	5 16	25		16	morn.	7 9	4 9	
27	6		☽ in perigee.	6 45	5 15	26	♃	1	0 45	8 4	5 4	
28	7			6 47	5 13	27		15	1 58	8 59	5 59	
29	A.			6 48	5 12	28		29	3 8	9 50	6 50	
30	2		☉ ♃	6 49	5 11	29	♁	14	4 20	10 40	7 40	
31	3		Regulus rises 10 50.	6 50	5 10	30		28	5 34	11 31	8 31	

ELEVENTH MONTH, November, hath 30 days.

Seem to need refreshing showers,
 To revive their drooping sweets.
 When the glorious sun is set,
 Then the welcome evening dew
 The tender flowers and plants will wet,
 And revive their bloom anew.

Moon's Phases.	D. H. M.	Days.	Planets' Places, &c.								D's Alioth				
			☉	♃	♅	♁	♄	♆	♇	♁	♁	on	M. r.		
			—	—	—	—	—	—	—	—	—	Deg	H. M.		
New ☉	1 4 37 M.	—	♃	♃	♃	♃	♃	♃	♃	♃	♃	♃	♃	♃	♃
First ☽	8 7 37 A.	1	8	5	6	24	19	11	28	27	4 N.	10	21		
Full ☽	16 6 11 A.	7	14	5	6	26	18	12	25	27	3 S.	9	57		
Last ☾	23 6 35 A.	13	20	6	7	27	18	13	17	26	5 S.	9	33		
New ☉	30 5 54 A.	19	27	6	7	28	17	16	12	26	0 N.	9	8		
		25	↑	7	7	29	17	20	13	26	5 N.	8	44		

M. D.	W. D.	Miscellaneous Particulars.	☉	☽	♃	♅	♁	♄	♆	♇	♁	♁	High water
			rises	sets.	Age	place.	sets.	south.	water	N. Y.			
			H. M.	A. M.	Age	D.	H. M.	H. M.	H. M.	H. M.	H. M.	N. Y.	
1	4		6 52	5 8	1	13	sets.	A. 24	9 24				
2	5		6 53	5 7	2	26	6 9	1 12	10 12				
3	6	Sirius south 4 7.	6 54	6 6	3	↑ 10	7 1	2 6	11 6				
4	7	♃ sets 10 51.	6 55	5 5	4	23	7 46	3 0	12 0				
5	A.		6 56	5 4	5	♃ 6	8 34	3 52	morn.				
6	2		6 58	5 2	6	18	9 31	4 45	0 52				
7	3	♄ south 10 18.	6 59	5 1	7	♃ 00	10 26	5 35	1 44				
8	4	Day 10h. long.	7 0	5 0	8	12	11 26	6 24	2 35				
9	5	♁ in apogee.	7 1	4 59	9	24	morn.	7 8	3 24				
10	6		7 2	4 58	10	♃ 6	0 25	7 52	4 8				
11	7	7's south 00 34.	7 3	4 57	11	18	1 20	8 33	4 52				
12	A.	♄ ☉ ♀ inferior.	7 4	4 56	12	30	2 19	9 15	5 33				
13	2		7 5	4 55	13	♃ 12	3 19	9 58	6 15				
14	3	♃ rises 5 3.	7 6	4 54	14	24	4 19	10 42	6 58				
15	4	Fomalhaut s. 7 26.	7 7	4 53	15	♃ 7	5 22	11 29	7 42				
16	5		7 8	4 52	16	21	rises.	morn.	8 29				
17	6	♄ stationary.	7 9	4 51	17	♁ 4	5 44	0 18	9 18				
18	7		7 10	4 50	18	17	6 25	1 10	10 10				
19	A.	♄ south 9 29.	7 11	4 49	19	♁ 1	7 16	2 5	11 5				
20	2		7 12	4 48	20	15	8 17	3 1	A. 1				
21	3	[ters ↑	7 13	4 47	21	29	9 23	4 0	1 0				
22	4	♄ stationary—♁	7 14	4 46	22	♃ 13	10 35	5 0	2 0				
23	5	♁ in perigee.	7 15	4 45	23	27	11 45	5 59	2 59				
24	6		7 16	4 44	24	♃ 11	morn.	6 52	3 52				
25	7	♄ south 9 4.	7 16	4 44	25	25	0 54	7 42	4 42				
26	A.		7 17	4 43	26	♁ 10	2 5	8 32	5 32				
27	2	B's eye south 00 13.	7 18	4 42	27	24	3 15	9 20	6 20				
28	3	♄ el.—♃ sets 9 17.	7 19	4 41	28	♃ 8	4 28	10 11	7 11				
29	4	♄ ☉ ♃	7 19	4 41	29	22	5 38	11 2	8 2				
30	5		7 20	4 40	1	↑ 5	6 46	11 50	8 50				

TWELFTH MONTH, December, hath 31 Days.

WINTER.

A season for remembering the poor.

NOW Winter is come, with his cold chilling breath,
 And the verdure has dropp'd from the trees;
 All nature seems touch'd by the finger of death,
 And the streams are beginning to freeze.

Moon's Phases.	D. H. M.	Days.	Planets' Places, &c.								J's		Alioth	
			☉	♁	♂	♃	♄	♅	♆	♇	Lat.	on Mer.		
			↑	↑	↗	♏	♐	♑	♒	♓	Deg	H.	M.	
First ☽	8 4 53 A.	—	↑	↑	↗	♏	♐	♑	♒	♓	1 N.	8	18	
Full ☉	16 8 1 M.	1	8	7	8	1	18	24	18	25	5 S.	7	52	
Last ☾	23 2 12 M.	7	15	7	8	2	20	29	26	25	4 S.	7	26	
New ☀	30 9 54 M.	13	21	8	9	3	21	♏	↑	25	4 S.	7	26	
		19	27	8	9	4	23	10	14	24	5 N.	6	59	
		25	♁	9	10	5	25	16	23	24	4 N.	6	32	

M. D.	W. D.	Miscellaneous Particulars.	☉ rises H.M.	☉ sets H.M.	☾ Age.	☽ place. s. D.	☽ sets. H. M.	☽ south. H. M.	High water N. T.
1	6		7 21	4 39	2	18	5 27	A. 40	9 40
2	7	Sirius south 2 7.	7 22	4 38	3	♁ 1	6 16	1 34	10 34
3	A.	Advent.	7 22	4 38	4	13	7 11	2 27	11 27
4	2	♁ sets 8.	7 23	4 37	5	26	8 5	3 19	morn.
5	3	B's eye south 11 48.	7 23	4 37	6	♁ 8	9 4	4 8	0 19
6	4	♁ south 8 20.	7 23	4 37	7	21	10 5	4 56	1 8
7	5	☽ in apogee.	7 24	4 36	8	♁ 2	11 5	5 40	1 56
8	6		7 24	4 36	9	14	11 59	6 21	2 40
9	7	Day 9h. 10m. long.	7 25	4 35	10	26	morn.	7 2	3 21
10	A.		7 25	4 35	11	♁ 8	0 56	7 43	4 2
11	2		7 26	4 34	12	20	1 53	8 24	4 43
12	3	7's south 10 18.	7 26	4 34	13	♁ 2	2 55	9 8	5 24
13	4		7 26	4 34	14	15	4 00	9 55	6 8
14	5	♁ rises 3 23.	7 27	4 33	15	29	5 6	10 47	6 55
15	6	[ble.	7 27	4 33	16	♁ 12	6 15	11 44	7 47
16	7	☽ eclipsed, part visi	7 27	4 33	17	26	rises.	morn.	8 44
17	A.	♁ sets 8 00.	7 27	4 33	18	♁ 10	5 57	0 40	9 40
18	2	Castor south 1 42.	7 28	4 32	19	25	7 2	1 42	10 42
19	3	Pollux south 1 49.	7 28	4 32	20	♁ 9	8 13	2 44	11 44
20	4		7 28	4 32	21	24	9 21	3 41	A. 41
21	5	☽ in perigee.	7 28	4 32	22	♁ 8	10 34	4 35	1 35
22	6	☽ enters ♁	7 28	4 32	23	22	11 47	5 27	2 27
23	7		7 28	4 32	24	♁ 6	morn.	6 18	3 18
24	A.		7 28	4 32	25	20	0 53	7 5	4 5
25	2	CHRISTMAS.	7 27	4 33	26	♏ 4	2 1	7 53	4 53
26	3	Sirius south 12 18.	7 27	4 33	27	17	3 10	8 41	5 41
27	4		7 27	4 33	28	♁ ↑	00	4 19	9 32
28	5		7 27	4 33	29	14	5 26	10 22	7 22
29	6		7 27	4 33	1	27	6 27	11 13	8 13
30	7	☽ eclipsed invisible.	7 26	4 34	2	♁ 9	sets.	A. 7	9 7
31	A.	B's eye south 9 25.	7 26	4 34	3	22	5 39	1 00	10 00

When wanton young lads o'er the river can slide,
 And Flora attends us no more ;
 When in plenty you sit by a good fire side,
Sure you ought to remember the poor.
 When the cold feather'd snow does in plenty descend,
 And whiten the prospect around ;
 When the keen cutting winds from the north shall attend,
 Hard chilling and freezing the ground ;
 When the hills and the dales are all candied with white,
 When the rivers congeal to the shore,
 When the bright twinkling stars shall proclaim a cold night,
Then remember the state of the poor !
 When the poor harmless hare may be traced to the wood
 By her footsteps indented in snow ;
 When the lips and the fingers are starting with blood ;
 When the marksmen a fowl shooting go ;
 When poor robin redbreast approaches the cot,
 And the icicles hang at the door ;
 When the bowl smokes with something reviving and hot,
That's the time to remember the poor !
 When a thaw shall ensue, and the waters increase,
 And rivers all insolent grow ;
 When the fishes from prison obtain a release ;
 When in danger the travellers go ;
 When the meadows are hid with the proud swelling flood,
 When the bridges are useful no more,
 When in health you have every thing that is good,
Can you murmur to think on the poor ?

The Seasons Moralized.

BEHOLD the changes of the skies,
 And see the circling seasons rise ;
 Hence, let the moral truth refin'd,
 Improve the beauty of the mind.

Winter, late with dreary reign,
 Rul'd the wide unjoyous plain ;
 Gloomy storms with solemn roar,
 Shook she hoarse resounding shore.

Sorrow cast her sadness round,
 Life and joy forsook the ground,
 Death with wild imperious sway,
 Bade the expiring world decay.

Now cast around thy raptur'd eyes,
 And see the beauteous Spring arise,
 See, flowers invest the hills again ;
 And streams re-murmur o'er the plain.

Hark, hark ! the joy inspiring grove
 Echoes to the voice of love ;
 Balmy gales the sound prolong,
 Wasting round the woodland song.

Such the scenes our life displays,
 Swiftly fleet our rapid days,
 The hour that rolls forever on
 Tells us our years must soon be gone.

A TABLE, Of the Sun's Declination, for 1815.

Days.	1st Mo.		2d Mo.		3d Mo.		4th Mo.		5th Mo.		6th Mo.		7th Mo.		8th Mo.		9th Mo.	
	south.	north.	south.	north.	south.	north.	south.	north.	south.	north.	south.	north.	south.	north.	south.	north.	south.	north.
1	23 3	17 12	7 44	4 33	14 57	22 00	23 10	18 10	8 23									
2	22 58	16 55	7 21	4 46	15 15	22 8	23 6	17 55	8 6									
3	22 53	16 38	6 58	5 9	15 33	22 16	23 1	17 39	7 44									
4	22 47	16 20	6 35	5 32	15 50	22 23	22 57	17 24	7 22									
5	22 41	16 2	6 12	5 55	16 8	22 30	22 51	17 8	7 00									
6	22 34	15 44	5 40	6 18	16 25	22 37	22 46	16 51	6 38									
7	22 27	15 25	5 25	6 40	16 42	22 43	22 40	16 35	6 16									
8	22 18	15 6	5 2	7 3	16 58	22 49	22 33	16 18	5 54									
9	22 10	14 47	4 39	7 24	17 14	22 54	22 26	16 1	5 30									
10	22 1	14 28	4 15	7 47	17 30	22 59	22 19	15 44	5 8									
11	21 52	14 9	3 52	8 10	17 46	23 4	22 12	15 26	4 45									
12	21 43	13 49	3 28	8 32	18 2	23 8	22 4	15 8	4 22									
13	21 33	13 29	3 5	8 54	18 17	23 12	21 55	14 49	3 59									
14	21 23	13 9	2 41	9 15	18 31	23 15	21 47	14 32	3 36									
15	21 12	12 48	2 18	9 37	18 46	23 18	21 38	14 13	3 13									
16	21 1	12 27	1 54	9 58	19 00	23 21	21 28	13 55	2 50									
17	20 49	12 7	1 30	10 20	19 14	23 23	21 18	13 36	2 27									
18	20 37	11 46	1 6	10 41	19 27	23 25	21 8	13 16	2 3									
19	20 25	11 24	0 43	11 1	19 41	23 26	20 58	12 57	1 41									
20	20 12	11 3	S. 19	11 22	19 53	23 27	20 47	12 37	1 17									
21	19 59	10 42	N. 5	11 43	20 6	23 28	20 35	12 18	0 53									
22	19 46	10 20	0 28	12 3	20 18	23 28	20 24	11 58	0 30									
23	19 32	9 58	0 52	12 23	20 30	23 27	20 12	11 37	N. 6									
24	19 18	9 36	1 16	12 43	20 41	23 26	20 00	11 17	S. 17									
25	19 3	9 14	1 39	13 3	20 53	23 25	19 47	10 56	0 40									
26	18 48	8 51	2 3	13 23	21 3	23 24	19 35	10 36	1 4									
27	18 33	8 29	2 26	13 42	21 14	23 22	19 21	10 15	1 27									
28	18 18	8 6	2 50	14 1	21 24	23 19	19 8	9 53	1 51									
29	18 2		3 13	14 20	21 33	23 17	18 53	9 33	2 14									
30	17 46		3 36	14 38	21 43	23 14	18 39	9 1	2 37									
31	17 29		4 00		21 52		18 25	8 50										

The pause before a Battle.

YES, it is come! that pause of dread,
 Whose silent interval precedes
 Men's faltering footsteps, as they tread
 Towards sanguinary deeds!
 There is an hour, whose pressure cold
 Comes even to the hero's breast!
 Each warrior's heart of human mould
 Howe'er intrepid, fierce, and bold,
 Has still that hour confest.
 It is not when the battle storm
 Hurtles along the affrighted skies,
 It is not when death's hideous form,
 His threat'ning voice and piercing cries,

*Table
continued.*

Days.	10th Mo. south.	11th Mo. south.	12th Mo. south
1	3 1	14 19	21 47
2	3 24	14 38	21 56
3	3 47	14 57	22 5
4	4 11	15 16	22 15
5	4 34	15 34	22 22
6	4 57	15 52	22 29
7	5 20	16 10	22 37
8	5 43	16 28	22 43
9	6 6	16 46	22 50
10	6 29	17 3	22 55
11	6 52	17 20	23 00
12	7 14	17 56	23 5
13	7 37	17 52	23 9
14	7 59	18 8	23 13
15	8 22	18 24	23 17
16	8 44	18 39	23 20
17	9 6	18 54	23 22
18	9 28	19 9	23 25
19	9 50	19 23	23 26
20	10 12	19 37	23 27
21	10 33	19 51	23 28
22	10 55	20 4	23 28
23	11 16	20 17	23 28
24	11 37	20 29	23 27
25	11 58	20 42	23 26
26	12 19	20 53	23 25
27	12 39	21 5	23 23
28	12 59	21 16	23 20
29	13 20	21 26	23 17
30	13 40	21 36	23 13
31	13 59	23 10	

*Rates of Letter Postage es-
tablished by Congress.*

For *Single Letters*, composed of one piece of paper, any distance not ex-
ceeding

40 miles, cts. 8

Over 40 and not exceeding 90, 10

90 and not exceeding 150, 12½

150 and not exceeding 300, 17

300 and not exceeding 500, 20

500 and upwards, 25

Double Letters, or those composed of two pieces of paper, are charged with *double* those rates, and *triple* letters with *triple* those rates.

Every packet composed of four or more pieces, and weighing one ounce or more, is charged at the rate of single postage for every quarter of an ounce.

Ship Letters are rated at six cents each: and when forwarded by mail, with the addition of two cents to the ordinary rates of postage.

Rates of News-Paper Postage.

Each paper carried not over 100 miles, 1 cent; over 100 miles, (with-
in the state) 1 cent, and without the
state, 1½ cents.

Rates of Magazines and Pamphlets.

Carried not over 50 miles,
per sheet, - - 1 cent

Over 50 and not exceed-
ing 100 miles, - - 1½

Any greater distance, - 2

Shriek in our ears and scare our eyes;
It is not when the slogan shout
Has sent the death-word 'mid the rout,
Nor 'mid the hail of the arrowy shower,
Nor when we see the life blood pour;
It comes not then—that ghastly hour!
'Tis in the breathless pause before,
While yet unwashed with human gore,
Our thoughts 'mid dreams of terror roam,
And sadly muse on things to come!
Then shuddering nature half recoils!
And half forbids the inhuman toils!
But 'tis too late!—the die is cast!
The furies bid to the repast!
Oh! from the cradle to the tomb,
Comes there no hour so fraught with gloom,
As that ere nations meet, to seal each other's doom.

A TABLE,

Shewing the hours and minutes that are to be added to the Moon's southing, to find the time of high water, at all the undernamed places:

Names of Places.	H. M.	Names of Places.	M H
Albany,	3 30	Main Ocean,	8 15
Amb y,	8 15	Nantucket,	7 30
Annapolis, (Maryland,)	7 00	Newburyport,	11 45
Annapolis, (Nova-Sc.)	0 00	Newhaven,	10 50
Boston,	11 15	New-London,	9 00
Bridgewater, (N. J.)	8 30	New Providence,	7 35
Brunswick (N. C.)	9 00	Newtown-Landing,	10 00
Brunswick. (N. J.)	9 00	New-York,	9 00
Burlington,	9 00	Penobscot,	0 00
Cape Ann,	11 45	Piscataqua,	11 45
Cape-Canso,	8 30	Plymouth,	10 35
Cape-Fear,	7 30	Polepel Island,	0 00
Cape-Henlopen,	8 15	Port Roseway,	8 15
Cape May	8 15	Port Royal, (S. C.)	8 30
Cape-Hatteras,	11 00	Portsmouth,	11 45
Cape Henry,	11 00	Providence,	8 17
Casco Bay,	11 15	Perrysburge (S. C.)	7 00
Cockspur, (Georgia,)	9 00	Philadelphia,	2 00
Charleston-Bar,	7 00	Quebec,	11 00
Elizabethtownpoint,	9 00	Reedy-Island,	11 15
Fairfield,	11 00	Rhode-Island,	8 15
Georgetown-Bar,	6 40	Salem,	11 45
Guilford,	10 30	Sandwich-Bay,	9 00
Hackensack,	0 00	Sandy Hook,	8 15
Halifax,	0 00	Savannah,	7 48
Hartford,	11 20	Saybrook,	11 15
Hurl Gate,	9 30	Sunbury, (Georgia,)	9 30
Huntington,	11 00	Tarpaulin Cove,	9 00
Ipswich,	11 45	Tybee-Bar,	9 15
Jamestown,	9 56	White-Stone,	11 45
Kingston Esopus,	3 00	Williamsbury, (Vir.)	11 15

A POEM,

Written in England, by a Young Woman, and sent to another then in America.

MAY bounteous Heaven thy safe conductor be,
 To guard thy course through every distant sea.
 May Shiloh's brook with flowing murmurs roll,
 To slack the thirst of thy laborious soul.
 May God thy guide, thy staff and counsel stand,
 Far from a parent's care and native land.
 So prays the Muse, unus'd to artful song,
 Yet, oh! to friendship grateful notes belong.
 May'st thou be cloth'd with wisdom all divine,
 And fresh anointings o'er thy temples shine,
 To preach glad tidings of redeeming grace
 And spread the gospel news from place to place:

So shall thy frequent toils prolific prove,
 By gaining subjects to the God of Love.
 How bloom the souls that in his ways are led !
 How green the laurels that adorn their head !
 What beauteous wreaths of meekness do intwine
 By keeping near the true and living Vine !
 When solemn darkness clothes the verdant plain,
 And night comes mantling with her starr'd train,
 Sweet slumbers lull thy wearied limbs to rest,
 With peaceful visions harbouring in thy breast ;
 O may that God, who fix'd thy mind above,
 And taught thee to reject an earthly love,
 Still close thine eyes to all the glittering toys
 Of earthly riches, poor fantastic toys.
 Some friendly wishes now and then waft o'er
 Toward thy brethren on thy native shore.
 Amidst the crowds that must thy converse share,
 Sometimes for me put up an ardent prayer,
 That I may safely steer the dangerous sea,
 And always walk the straight and narrow way.
 May this memento oft salute mine ear,
 Watch well thy steps, augment thy prudent care ;
 Thy days fly swifter than the hasting post,
 Improve each hour, or else the time is lost.
 Alas ! how few that gain yon happy court,
 Or anchor safe in the celestial port !
 When life shall cease, O may thy moments end,
 Like those who conquering to the grave descend,
 And vanquished Death become thy gentle friend, }
 Thy prison door unlock, thy soul enlarge,
 Thy intellectual part with joy discharge ;
 May songs of seraphs sooth thy parting hours
 And gently lead thee to the balmy bowers,
 Where saints no more by sinful mortals vex,
 No more to be by mundane thoughts perplex,
 There, safe from dangers, weary pilgrims come,
 And calmly rest in this their wished for home ;
 There sweet foretastes in full fruition crown'd,
 With beams of joy diffusing all around,
 There with the kindred saints triumphant gone
 Thy soul shall join the hallelujah song,
 In ceaseless hymns to celebrate his name,
 And holy anthems be the eternal theme.

AN EPISTLE,

Written by William Massey, of Wandsworth, in the County of Surry, O. E. inscribed to those Young Men who had their education under his care.

AS now, dear youths, increasing with your years,
 A riper judgment in your ways appears ;
 Let childhood end, where manlike state begins,
 And timely lay aside all childish things.
 You, who like plants have in my nursery been,
 Whose stems were thriving and whose leaves were green.

Whose buds and blossoms were my pleasing care,
Heaven grant your branches now good fruit may bear,
And as sincere affection warms my heart,
The following brief advices to impart ;
Them, as my legacy to you I leave,
And beg you will the same in love receive.

First, let that gracious call you often hear,
And kindly whispers in your inward ear,
Informing what is good and what is ill,
Direct your judgment and restrain you will,
Be this your guide in every doubtful road,
It ne'er misleads, it is the voice of God.
The Holy Scriptures next before you lay
They are as way-marks in your heavenly way ;
The good examples of the saints of old,
Whose lives and actions there are truly told,
Will give you strong encouragement to tread
The paths that unto happiness will lead ;
There you'll observe when they resign'd their breath,
The just and good, found happiness in death.
When you the gospel's holy laws peruse,
(Not made for speculation but for use)
Implore a ray of that celestial light
That makes a clear discovery to the sight,
Of what's the scope, the meaning and design,
Of what you read, such knowledge is divine,
And as in science you diviner grow
Let faithful practice follow what you know.
Instructed thus by grace and sacred writ,
(To which let all your faculties submit ;)
Act in each scene of life a steady part
With constant, true, sincerity of heart.
Hypocrisy and mean disguise defeat,
Simplicity's the beauty of the breast.
Would you the favour of your Maker share,
Serve him with great humility and fear ;
The humble soul with real joy is crown'd,
And true contrited hearts with peace abound.
Would you of virtuous men obtain their praise,
Be courteous, and be just in all your ways ;
Regard your dealings with observant awe
And make your promises a sacred law ;
Beware of pride, of arrogance beware :
Behold the fate of fallen angels there !
What art thou man, a worm, a puny mite,
As nothing in thy great Creator's sight !
Permit me, quondam pupils, yet to give
You here some short directions how to live ;
The different stages of our lives demand
Still fresh instructions, and a guiding hand ;
Art thou a son ? Let love and honour join
To give thy parents pleasure in a son ;
A modest, sober conduct, best will prove
The test of thy obedience and thy love.
Blessings the reverential child attend
To such both God and man will be a friend.

Art thou a father ? Let a prudent care
 What's needful for a family prepare :
 Who does not for his family provide
 Must in the class of infidels abide ;
 A watchful care to fathers does belong,
 To do what's right, and shun what'er is wrong ;
 And let thy good example show the way
 How children and how servants should obey.
 In vain thou mayst to precept precept add
 If the example which thou set'st be bad.
 But whether single, married, bond or free,
 Chaste, prudent, honest, temperate, frugal be,
 Whatever course of life Heaven may allot,
 Be not your duty towards God forgot ;
 There, there begin each morn before you rise,
 And there conclude when that you close your eyes.
 Let mental pray'r and praise your hearts possess
 From time to time, and you will often bless
 That hand, that gives what's needful, gives you bread,
 By whom the lily's cloth'd and raven's fed.
 Be uniform in all religious dues,
 Be earnest and devout, and let no views
 Of worldly honours or of sordid gain,
 You fetter'd in erroneous paths detain.
 Be not lukewarm, nor yet too hot begin,
 A constant, steady race, the prize will win.
 Of all extremes assiduously beware,
 Too forward zeal may prove to you a snare.
 Some with an eager heat run on so fast,
 They get a sad inglorious fall at last.
 So have I seen a fire with sudden blaze,
 High in the air its shining summit raise,
 But wanting substance flaming to sustain,
 Sink on a sudden to its base again ;
 Where neither light nor heat were shortly found
 And only dead'ning ashes strew'd the ground.
 But you, dear youths, may you yourselves approve
 By deeds of justice, purity, and love ;
 Still with a steady fervency of heart,
 And never from the paths of virtue start.
 May you in trials and temptations find
 True patience, and true fortitude of mind.
 In times of sickness may you feel that power,
 That can give comfort in a dying hour.
 And when you change a future life for this,
 May you enjoy a pure, eternal bliss.

ETERNITY.

O ETERNITY ! Eternity ! how are our noblest, our
 strongest thoughts lost and overwhelmed in thee ! Who can
 set land-marks to limit thy dimensions, or find plumbets to
 fathom thy depths ! Arithmeticians have figures to compute
 all the progressions of time. Astronomers have instruments
 to calculate the distances of the planets ; but what numbers

can state, what lines can gauge the lengths and breadths of eternity! "It is higher than heaven, what canst thou do? deeper than hell, what canst thou know? The measure thereof is longer than the earth, broader than the sea."

Mysterious, mighty existence! a sum not to be lessened by the largest deductions; an extent not to be contracted by all possible diminutions! None can truly say, after the most prodigious waste of ages, "So much of eternity is gone." For, when millions of centuries are elapsed, it is but just commencing; and when millions more have run their ample round, it will be no nearer ending. Yea, when ages, numerous as the bloom of spring increased by the herbage of summer, both augmented by the leaves of autumn, and all multiplied by the drops of rain which drown the winter—when these, and ten thousand times ten thousand more—more than can be represented by any similitude, or imagined by any conception; when all these are revolved and finished, eternity, vast, boundless, amazing eternity, will only be beginning.

Extract from Hervey, written towards the close of life.

AWAY, my Homer; I have no more need of being entertained by you, since Job and the Prophets furnish me with images much more magnificent, and lessons infinitely more important. Away, my Horace; nor shall I suffer any loss by your absence, while the sweet singer of Israel tunes his lyre, and charms me with the finest flights of fancy, and inspires me with the noblest strains of devotion. And even my prime favourite, my Virgil, may withdraw; since in Isaiah I enjoy all his majesty of sentiment, all his correctness of judgment, all his beautiful propriety of diction.

Wonders of Providence in Relation to Fish.

FISHES are commonly covered with scales. But this is not always the case. Some of the inhabitants of the watery deep are destitute of that coating, and their bodies are rough or prickly. But in the manifold display of creative power, fishes have been discovered, that have a similitude to land animals, by the *hairy* dress of their bodies.

The Professor of Natural History in his researches concerning the fishes of North America, has received several individuals, that were distinguished for this vesture. One which is occasionally taken in the ocean waters near New-York, has been thus described by Dr. Mitchell:

"Hairy Diodon.—*D. Pilosus*; with a covering of bristly hair.

"Length about an inch and a half; breadth, less than half an inch; depth nearly three quarters; making a blunt lump of a fish.

"Is covered all over, back, sides, head, and belly, with bristly hair. The bristles strong and flexible; about the eighth of an inch long; and without the power to scratch or prick.

“Complexion dull or brown, with spots on the back, sides, and toward the belly. Has at first glimpse, the appearance of a young mouse. But has the complete fins and organization of a fish.”

There are other remarkable particulars concerning fish in the vicinity of New-York. They have very lately been discovered in a fossil state. Three or four specimens were presented to Dr. Mitchill, by a person who found them while he was searching for coal on the banks of Connecticut river. They were disclosed by the pick-axe in the town of Glastenbury, about 30 miles north of Long-Island Sound.

“They have the forms of fishes so plain that every beholder owns the resemblance. The figure of the animal is distinctly characterized. The shape and disposition of the scales are very impressive. The situation and rays of the fins are no less conspicuous.

“These mineralized fish are bedded in rocks of bituminous slate. The bitumen is black; and the shistus divisible into thin parallel plates. In some places there are specks of mica, distributed through the strata. It is to be hoped, that coal will be the consequence of these auspicious beginnings.” These facts show the alterations which the surface of the globe has undergone; and of which changes, the Fredish soil bears such strong evidence. In this convincing language does the Almighty address man on the reality of the Deluge, and on his authority over the ocean and the land.



An account of a Native Plant, that is poisonous enough to destroy Life.

IN March, 1814, three boys went into a meadow, in Pleasant Valley, Dutchess County, N. Y. to dig the roots of the

common or aromatic Calamus. But, mistaking their object, they raised the roots of another plant. These they ate, and two of them died in an hour, after suffering violent convulsions. Much blood was discharged from the mouth and nose; their eyes were fixed and immovable in their sockets; the pupils were much dilated, and the eyelids were in rapid motion. After death, putrefaction took place early, as appeared by the tumid belly, and offensive discharges.

The third boy puked up what he had eaten, and by the aid of Dr. William Ely, recovered from his dangerous situation. He was then able to shew the place where they had found the fatal root.

That intelligent gentleman immediately sent some of the roots, covered with their native earth, to Dr. Mitchell, in New-York, with a letter communicating the facts, and asking his opinion on the botanical name and character of the plant.

For the purpose of giving publicity in a case of so much concern, Dr. Mitchell caused the vegetable to be planted in the spacious garden of the New-York Hospital. There it grew to perfection; and after having been examined by Dr. M. Dr. C. W. Eddy, and other gentlemen, a specimen of its leaves, flowers and fruit, was forwarded for examination to that skilful botanist, Henry Muhlenberg, D. D. of Lancaster. It is now decided to be the *Cicuta maculata* of Linnaeus; which corresponds to the *sigusticum actaeifolium* of Michaux.

It grows in moist grounds; and has a double umbel, something like a carrot.

Dr. Muhlenberg, in his answer to Dr. Mitchell, observed, that he knew the plant very well; had received specimens of it from various places, as a dangerous thing, which had killed several persons who had eaten it; and had cultivated it in his garden.

It flowers about the middle of June. The seeds are strongly scented, but scarcely poisonous: and there is reason to think, the venomous quality of the root changed by cultivation in a dry soil. It was known to the Indians by the name of *Uticum*.

The plant itself, with the entire body of information, was exhibited to the gentlemen composing the class of Natural History, at New York, June, 1814.

Memoir of John Williams' remarkable affliction. By Robert Eastburn, of New-Brunswick, New-Jersey.

JOHN Williams, who lived and died between New-Brunswick and Trenton, in New-Jersey, served me, as an apprentice, about four years. He was weakly, and subject to indisposition; was a poor coloured boy, and believed to be of Indian origin. Naturally intelligent, he learned to read. Being disposed to use spirituous liquors to excess, and profane language to a dreadful degree, his conduct was a trial to me: yet, at times, he appeared to have serious reflections about

himself and the fruits of his ways ; and by the medium of instrumental assistance, attended by divine power and mercy, his conscience became deeply convicted of the sinfulness of his condition. A state of awful despair ensued, that continued, as high as I can recollect, for some months. Abiding therein, the light of Truth so arose towards the conclusion of it ; the dread of wrath and punishment were removed, and a sense of pardon experienced, in which joy, and love to God and man were shed abroad in his heart, so that now he rejoiced in the Saviour, and gave glory to God in the highest, having peace in his soul, and good will to men.

Twenty years he was afflicted with rheumatism. And for about 12 years previous to his decease, he was wholly incapable of helping himself. His jaws, body, and limbs, became fixt immoveably for some years before his departure, so that his jaws were locked, his head was bent back as in tetanus, and he could bear nothing under it to support it, but lay with the pillow under his shoulders. His arms lay as if rivited across his body. One half of his head appeared to be as dead ; so that he had but one eye through which he could see, and one ear with which he could hear. All the rest of his body appeared to possess but little vitality, except his tongue.

Nevertheless, he possessed his intellects to admiration : and it was believed, that his soul and spirit were daily and principally exercised in devotion, prayer, and thanksgiving to the hour of his departure from time to eternity. Amid his extreme sufferings, poverty, and helplessness, under which he was so long held in duration, he often expressed much cause for humble thankfulness to the divine Being, for the great, and the multiplied mercies, conferred by God upon him : and more particularly for affording him time to repent and abandon his sinful thoughts, words, and inclinations.

The happiness and gratitude of his soul, during his uncommon and protracted affliction of body, deserves very particular attention ; because it proves that peace and felicity do not consist in the things of this life, nor in health, nor in freedom from pain—but in unison with God, and participating of his divine nature and character, the human will being subjected to the will of God, the love to self being turned to the love of God and his creatures, and our affections to things of this life being converted to things of eternity.

He was heard, a short time before his death, to express himself willing to live or die, as it might please the Lord to order it ; “ but,” said he, “ I do not desire to be restored to health, lest I should become forgetful of my best and greatest good. I am thankful that the Lord has thus afflicted me ; I esteem it to be a great mercy. Words of this import he frequently uttered.

I visited him sundry times, as opportunity offered ; and to the best of my recollection, his mind always appeared happily exercised on things of God. In particular, at one time, when I had agreed to stay all night with him, he was praising God when I came to the door. Having spent the evening in agreeable conversation, and retired to rest, I heard

him, when I awoke at different times in the night, in prayer and thanksgiving to God.

About the time his jaws were locked up, two of his upper teeth came out very providentially; and through this aperture, he was enabled to receive his sustenance from the spout of a tea-pot.

By his request, he was accustomed to have a book placed before him, in such a manner as to read with his one eye, and learn its contents to admiration; repeating and singing them over in a spirit of solemnity and gratitude.

Some little time before his departure, he desired his nurse to prepare to follow him; for he expected soon to leave her. In the evening, it seemed doubtful if he lived till the morning; and in the morning, it appeared doubtful if he lived till the evening.

His great support of life, had been the elixir paregoric, which being exhausted, and the messenger who went for more, having unusually protracted his return, his stomach became disordered, a puking ensued, and he died, the 5th of 3d Month, 1813.

Written testimony to the above import the publisher has received from the following respectable persons of N. Y. who were acquainted with John Williams:—Simeon Pette, James Fourat, Simeon Hageman, Moses Guest.

—What a striking instance is this of the all-powerful, transforming influence of the holy religion of the blessed Jesus; this man, whilst he was in an unregenerate state, and stretched on a bed of languishing, was wretched beyond description; and it might then truly have been said of him, that his boisterous and unhallowed passions were like the troubled sea, whose waters are continually casting up mire and dirt: his distress of body and mind was such, that he sometimes in a fit of despair, was almost tempted to commit the dreadful crime of suicide; but when it pleased a merciful God to make a bright trophy of his redeeming love, by plucking him as a brand from the burning, he could then, under the most execrating pain of body, rejoice in the Lord, and joy in the God of his salvation: and in contemplating the wonders of redeeming love, he often appeared to be filled with a joy unspeakable and full of glory; and to enjoy a foretaste of the heavenly inheritance. What infidel, however hardened in his impiety, could forbear on viewing such a scene, exclaiming with Balaam, "Let me die the death of the righteous, and let my last end be like his."

Thoughts on War.

LET the man who professes to be a christian seriously consider, whether the permission of a king, or any human authority, is a sufficient warrant to deprive his fellow man

of life or property, and whether the disposition in which either is done, can be reconcilable with the spirit of the gospel, and precepts and example of Christ? The inquiry is interesting, both as it respects the destruction of the lives and property of others, and his own future wellbeing. For, indeed, awful is the reflection, of having, after a few fleeting years, perhaps days, to stand before, and receive from him who can neither be awed nor bribed, the irrevocable sentence of, Come ye blessed, or go ye cursed. Unavailing then to plead authority of magistracy, or example of others. The turning point will be whether we have done the will of God, as taught us by his grace in our hearts, and the doctrine of Christ and his apostles. Therefore, may the man who is sheltering himself under a declaration of war, in robbing men of their property, or depriving them of that life God has given them; and sending them uncalled, perhaps unprepared, before their Judge, put the query, can I do this and fulfil Christ's injunctions of loving enemies, loving my neighbour as myself; doing good to those that hate me; praying for those who spitefully use me; and avoiding to resist evil? Surely his heart must condemn him, and the answer must be, I cannot. Then may he bear in mind, the emphatic declaration: "If thine heart condemn thee, God is greater, and knoweth all things," and will, the Saviour declares, "reward every man according to his works."

And highly important is it, that professed ministers of the gospel, who, by many are considered as the oracles of truth, should seriously ponder, previous to their encouraging, or giving countenance to war, whether they have, unbiassed by education or commonly received opinions, carefully examined the subject; and duly considered, whether it is possible, that the pure spirit of the gospel, which breathes peace on earth and good will to men, can possibly so assimilate with the all-destructive spirit of war, as that a man may be actuated by both at the same time? It is a subject worthy of inquiry, both as it regards themselves, and the community, for this class of men to make; lest they mislead the people, and it be said of them, as of some formerly: "The leaders of the people cause them to war; and they that are led of them are destroyed!" Awful charge.

A Confession of the Christian Faith,

Which was made at Constantinople, in the Year 1585, by one who being complained of as a great heretic, gave this answer and reason of his Faith, to some Latin and Greek Christians; as also to several Jews and Turks that were present.

WE believe that there is One, first of all things, which comprehends them all, which cannot be comprehended of any. That there is one Cause, and one Essence of all things that have a being, one supreme Good, which we call GOD, whom we know in this mind, and honour in speech, shewing by goodness and well doing, that we are the children of our Father, the Supreme Good.

We believe in one Jesus Christ, who is the perfect example and pattern of the children of God, whom we are to follow in patient suffering of the creature, and in love to our neighbours, and so become temples of his spirit, where the only divine worship, which is acceptable to God, the highest good, is well-doing.

We believe also in the Holy-Ghost, when we feel the operative power of this highest good in ourselves. We are all in the Communion of Christ, and they who enjoy this Communion, are born again into this power, and thereby deified, being raised above nature, to a state of incorruption and immortality, and by this means become instruments of the endless *Glory of God*.

Without holding these things, none can have a true or right faith.

Q. Why were you born ?

A. For God's good will.

Q. For what end were you born ?

A. For the glory of God.

Q. What is your religion ?

A. Well doing.

Q. What is your profession ?

A. Our own nothingness.

Q. What is your comfort ?

A. God's almightiness.

Q. What is your prayer ?

A. To be resigned, and willless.

Q. What is your life ?

A. God's goodness.

Q. What is your death ?

A. A translation into the glory of God.

Q. What do you hold amongst so many religions as there are in the world ?

A. We believe of God in goodness, we think of our neighbour in love, and meanly of ourselves.

Q. Are you baptized ?

A. Yes ; and are yet willing to be baptized.

Q. Wherewithal ?

A. With water, which the moving of the spirit of God drives from our hearts, through our eyes, and incorporates us in his love, at times, when it seems good unto him.

Q. Do you celebrate the Lord's Supper ?

A. Yes ; many times and oft.

Q. In what church or communion ?

A. In the church, or communion of God.

Q. What do you hold of Christ's body ? What is his flesh and blood ?

A. Christ's flesh is a constant enduring patience, and his blood is a divine operative living love. Where this flesh is possessed in patience, and where this blood lives in love, there is the true communion of the true body of Jesus Christ. This suffering flesh, and this loving blood of Christ, makes us children of God, and by means thereof, we have communion with the Son of God ; the substance and good nature of God comes in us, and that cannot be without a transubstantiation or a change and destruction of our evil nature.

Q. Have you no other Sacraments or ceremonies than these ?

A. The forementioned we will very willingly observe and celebrate with you, if so it seem good unto you ; and what other may be besides these, we will wholly leave to yourselves, to avoid disputes. - And so I take my leave of you.

Maxims,

Found in the strong-box of the Duke of Burgundy, the French king's father, at his death.

GIVE God the great creator, homage due ;
Consider first your business, then pursue ;
Converse with honest men, let such be dear ;
Let self-conceitedness in nought appear ;
To others' judgments due regard be shown ;
Be ever modest to defend your own
Those who address you with attention hear,
Nor study how to make your wit severe.
Talk that to each which each best understands,
Your tongue pronouncing what your heart commands.
Think ere you promise, but disdain to evade
By subtle arts, your promises when made.
Let speeches ever gently from you fall,
And, in your looks at least, be kind to all.
Let your whole air be disengaged and free,
Yet don't invite familiarity.
Give none, by hasty judgments, cause to grieve ;
Love without interest, without fear forgive ;
Respect, but never fawn upon the great ;
Avoid contention, friendship cultivate ;
Aim not to make your friend his thoughts reveal ;
By seeming openness your own conceal :
Lend readily, if lending you propose,
He doubly gives who gracefully bestows.
Weigh well your talents for the part you play ;
Avoid extremes and choose the middle way.
Speak peace : where discord reigns appease the flood ;
And, for revenge, persist in doing good ;
Let proper objects never want a tear ;
Excuse mistakes ; in friendship be sincere.
From peevish thoughts your cheer'ul mind defend ;
Nor in rash words discharge them on a friend.
Reprove with gentleness ; with truth commend ;
Laugh at a jest, but laugh not without end.
To each man's calling due respect be shewn ;
Nor e'er contrive to make your learning known.
Do favour privately, if you upbraid
Or publish first, the obligation's paid.
Prevent petitions, where you see distress,
Nor let the manner make the gift the less ;
If anger kindles, check the impetuous flame ;
Nor let your tongue traduce an absent name.
Let not ingratitude your honour stain,
Play for diversion but despise the gain.

Scorn to deceive, think much, but little speak,
Preserve what's given for the giver's sake.
Forgive poor debtors ; equal pleasure flows
To him who mercy finds, or mercy shows.
Be envy banish'd from your gen'rous heart,
Blaze not the secrets which your friends impart.
In speaking of you self nor praise nor blame,
And dread to be a slave to common fame.—N. T.

Christian's Magazine, Vol. IV. p. 572.

On Patience.

SAYS Faith, look yonder, see the crown,
Laid up in heaven above ;
Says Hope, and oh, it shall be mine,
I long to wear't, says Love.

Desire saith, what, is that my crown ?
Then to that place I'll flee ;
I cannot bear a longer stay,
In rest I fain would be.

But, stop !——says Patience, wait awhile,
The crown's for those that fight ;
The prize for them that run the race,
By Faith, and not by sight.

Thus Faith doth take a pleasing view,
Hope waits, Love sits and sings,
Desire still flutters to be gone
But Patience clips her wings.

Yield to the Lord with cheerful heart,
All that thou hast, and all thou art,
Renounce all strength, but strength divine,
And peace shall be forever thine.

AH ! little think the gay, licentious, proud,
Whom pleasure, power, and affluence surround ;
They who their thoughtless hours in giddy mirth
And wanton, often cruel riot, waste ;
Ah ! little think they, while they dance along,
How many pine in want, and dungeon glooms ;
Shut from the common air, and common use
Of their own limbs ! how many drink the cup
Of baleful grief, and eat the bitter bread
Of misery, sore pierc'd by wintry winds ;
How many shrink into the sordid hut
Of cheerless poverty ;
How many, rack'd with honest passion, droop
In deep-retir'd distress.

The time of holding the Yearly Meetings of Friends on the Continent of America.

New-England Yearly Meeting is held at Newport on Rhode-Island : begins the Second-day following the second Sixth-day in Sixth Month.

The Yearly Meeting for the State of New-York and parts adjacent, is held in New York : begins on Second-day after the fourth First-day in Fifth-Mon h.

The Yearly Meeting held in Philadelphia, begins on the third Second day in the Fourth-Month.

Baltimore Yearly Meeting is held at Baltimore : begins on Second-day following the second First-day in Tenth-Month.

Virginia Yearly Meeting begins the third Seventh day in Fifth-Month : at Wain Oak, in 1815, at Gravelly Run in 1816, and so alternately at those places.

Ohio Yearly Meeting is held at Short Creek : begins on Second day following the third First-day of Eighth Month.

Carolina Yearly Meeting is held at New Garden, Guilford county : begins on Second-day following the first First-day in Eleventh Month.

Quarterly Meetings in New-York.

Westbury Quarterly Meeting, is held on the Fifth-day before the last First-day in the First, Fourth, Seventh and Tenth Months ; at Westbury, in the First and Seventh Months ; in New-York, in the Fourth Month : and at Flushington, in the Tenth Month.

Purchase Quarterly Meeting, is held on the Fourth-day before the first First-day in the Second, Fifth, Eighth, and Eleventh Months.

Nine-Partners Quarterly Meeting, is held on the Third-day before the second First-day in the Second, Fifth, Eighth, and Eleventh Months.

Stanford Quarterly Meeting, is held on the Sixth-day before the second First-day in the Second, Fifth, Eighth, and Eleventh Months.

Easton Quarterly Meeting, is held on the Fourth-day before the third First-day, in the Second, Fifth, Eighth, and Eleventh Months.

Ferrisburgh Quarterly Meeting, is held on the Fifth day before the second First-day, in the Second, Fifth, Eighth, and Eleventh Months.

Farmington Quarterly Meeting, is held on the third Fourth-day, in the First and Fourth Months ; and on the first Fourth day in Seventh, and Tenth Months : at Farmington, in the First and Seventh ; and at Scipio, in the Fourth and Tenth Months.

Duanesburgh Quarterly Meeting, is held on the Fifth-day following the second First-day, in the Second, Fifth, Eighth, and Eleventh Months : at Otego, in Second, Coeman's in Fifth, and Duanesburgh in Eighth and Eleventh Months.

Canada Half years Meeting, is held on the Fourth-day after the last First day in the First and Eighth Months : at Yongestreet in the Summer, and at West-Lake in the Winter.

Table of Roads.

Main line of Post-towns, from
Wiscasset to Sunbury, with
their distances, as estab-
lished by the Post-master
General :

Maine.

From Wiscasset to Bath	13
Brunswick	12 25
New-Yarmouth	15 40
Portland	15 55
Beddeford	14 69
Wells	14 83
York	16 99

New-Hampshire.

Portsmouth	12 111
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Massachusetts.

Newburyport	23 133
Ipswich	12 145
Beverly	10 155
Salem	2 157
Lynn	6 163
Boston	13 176
Worcester	48 224
Springfield	49 273

Connecticut.

Hartford	25 301
Middletown	14 315
New-Haven	26 341
Stratford	14 355
Fairfield	8 363
Norwalk	12 375
Stamford	10 385

New-York.

Harlaem	35 400
New-York	9 429

New-Jersey.

Newark	9 408
Elizabethtown	6 444
Bridgetown	6 450
Woodbridge	4 454
New Brunswick	10 464
Princeton	18 462
Trenton	12 454

Pennsylvania.

Bristol	10 504
Philadelphia	20 504
Chester	15 539

Delaware.

Wilmington	13 552
Christiana Bridge	11 563

Maryland.

Elkton	10 576
Charleston	10 583

Havre-de-Grace	6 589
Hartford	17 601
Baltimore	25 626
Bladensburgh	38 664
Georgetown	8 672

Virginia.

Alexandria	8 689
Colchester	16 696
Dumfries	12 708
Fredericksburg	25 733
Bowling Green	22 755
Hanover court-house	25 780
Richmond	22 802
Petersburgh	25 827

North-Carolina.

Halifax	75 902
Tarburg	37 935
Smithfield	60 999
Fayetteville	50 1049

South-Carolina.

Cheraw-court-house or Greenville	75 1124
Cambden	55 1179
Columbia	25 1214
Cambridge	80 1294

Georgia.

Augusta	50 1344
Savannah	120 1464
Sunbury	49 1513

From Philadelphia to

Schuylkill	2
Black-Horse	4 6
Prince of Wales	4 10
Buck	1 11
Sorrel-horse	1 12
Plough	1 13
Unicorn	3 16
Blue Ball	4 20
Admiral Warren	3 26
White-horse	3 26
Downings	7 33
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The Wagon	6 41
M'Lelland's	9 50
Bressler's	9 59
Lancaster-court-house	7 66
Cochran's, big Chick	9 75
Elizabeth Town	9 84
Middletown	8 82
Chamber's Ferry	6 98
Silverspring	10 108
Carlisle	8 116

Turner's	10 126
Shippensburg	11 137
Strasburg	10 147
Skinner's	3 150
Burnt-Cabins	9 159
Littleton	4 163
Wild's, foot Sid Hill	9 172
Crossings of Juniata	10 182
Hartley's	8 190
Bedford	6 196
Boanet's	4 200
Ryan's, foot Alleg. M.	7 207
Stanley's	8 215
Webster's, Stony C.	9 224
Wells'	9 233
Fort Ligoneer	12 245
Ninemile Run	9 254
Greensburgh	10 264
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Road to Canada.

From New-York to Kingsbridge	15
Concklin's	12 27
Bernard's	12 39
Peekskill	7 46
Rodger's, Highlands	9 55
Fishkill	11 66
Poughkeepsie	14 80
Staatsborough	14 94
Rynbeck	6 100
Schermerhorn's	10 110
Livingston's Manor	14 124
Claverack	7 131
Kenderhook	14 145
Half way-house	10 155
Albany	10 165
Saratoga	36 201
Fort Edward	20 221
Lake George	14 235
Ticonderoga	30 265
Crown Point	15 280
Willsborough	20 300
Fort St. John's N. end of Lake Champlain	68 368
Le Prairie	10 383
Montreal	6 389
Trois Rivers	90 479
Quebec	80 559

Post-road to Hartford and Boston.

From New-York to

Harlaem	8
East-Chester	8 16
New-Rochelle	4 20
Rye	5 25
Horseneck	6 31
Stamford	7 38
Norwalk	10 48
Fairfield	12 60
Stratford	8 62
Milford	4 72
New-Haven	10 82
Willingford	13 95
Durham	7 102
M. Town, Shaylor	6 108
Weathersfield	11 119
Hartford	3 122
Windsor	8 130
Enfield	8 138
Springfield	10 145
Kingston	15 163
Western	9 172
Brookfield	6 178
Spencer	8 186
Leicester	6 182
Worcester	6 198
Shrewsbury	5 203
Marlborough	10 213
Sudbury	11 224
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From New-York to Jamaica	12
Mempstead	10 22
Merrick	7 29
Huntingdon (S.)	11 40
Islip	10 50
Patchogue	10 60
Fireplace	9 69
Moncks	7 76
West-Hampton	9 85
South-Hampton	15 100
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