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T H E
NEW-JERSEY AND PENNSYLVANIA
ALMANAC,
FOR THE YEAR 1800.

BEING THE FOURTH AFTER LEAP-YEAR, AND THE
TWENTY-FIFTH OF AMERICAN INDEPENDENCE
AFTER THE FOURTH OF JULY.

CONTAINING,

The rising, setting, places and eclipses of the Sun and Moon ;
the southing, phases, age and latitude of the Moon ; lon-
gitude of her Ascending Node, &c. the geocentric places
and aspects of the Planets, (including the Georgium, dis-
covered by Herschell) with the rising, setting, and south-
ing of the most conspicuous Planets and fixed Stars ; the
passage of Alioth over the meridian, the Equation of
Time, and time of High-Water at Philadelphia, &c.

A L S O,

THE INCREASE, DECREASE, AND LENGTH
OF DAYS, WITH THE FESTIVALS, &c.

CALCULATED FOR THE LATITUDE AND MERIDIAN OF
PHILADELPHIA.

BY ABRAHAM SHOEMAKER.

T R E N T O N :

PRINTED AND SOLD, WHOLESALE AND RETAIL, BY
SHERMAN, MERSHON & THOMAS,
At their Office, opposite the *Indian-Queen Tavern*.

The Anatomy of Man's Body, as governed by the Twelve Constellations.

♄ The Head and Face.

♊ Arms

♌ Heart

♎ Reins

♐ Thighs

♑ Legs



♉ Neck

♋ Breast

♍ Bowels

♏ Secrets

♑ Knees

♓ The Feet.

Characters, &c. of the Constellations.

♈ Aries, a Ram, Head & Face.
 ♉ Taurus, a Bull, Neck.
 ♊ Gemini, the Twins, Arms.
 ♋ Cancer, a Crab, Breast.
 ♌ Leo, a Lion, Heart.
 ♍ Virgo, a Virgin, Bowels.

♎ Libra, a Balance, Reins.
 ♏ Scor. a Scorpion, Secrets.
 ♐ Sag. a Bowman, Thighs.
 ♑ Capricorn, a Goat, Knees.
 ♒ Aquarius, a Butler, Legs.
 ♓ Pisces, the Fish, Feet.

ASTRONOMICAL CHARACTERS EXPLAINED.

☾ New Moon.
 ☽ Full Moon.
 ☾ First } Quarter, or
 ☽ Last }
 ☾ Moon in general.
 ☾ Moon's ascending node.
 ☼ or ☉ Sun.
 ♄ Saturn.

♃ Jupiter.
 ♀ Mars.
 ♀ Venus.
 ☿ Mercury.
 ⊕ Georgium Planet.
 ☿ Conjunction.
 ☾ Opposition.
 □ Quartile.

To know where the sign is—First find the day of the month, and against it you have the sign or place of the moon in the seventh column—then finding the sign here, it shews the part of the body it governs.

Abraham B. ...

NOTES TO THE READER.

I. The calculations of this *Almanac*, are made to solar or apparent time, to which, for the mean or clock time, apply the equation given in the sixth column, adding when the sun is slow, and subtracting when fast.

II. The time of high water at Philadelphia, is so computed as to serve for either morning or afternoon, sufficiently near for common use; the morning flood being about 12m. earlier than the time in the tide column, and that of the afternoon as much later.

III. The rising, setting, or southing of a star, may be carried several days backward by adding, or forward by subtracting 4m. per day; for instance, on the 11th of the first month (January) Sirius is south at 3m. past 11; adding 12m. for 3 days sooner, we have 11h. 13m. for the southing on the 8th, and deducting 8m. for 2 later, leaves 10h. 55m. for that of the 13th of the same month, &c.

IV. 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, and the last six below, the Pole, 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 or after Alioth passes the meridian, by which we may regulate Time Pieces to a minute or tell the time without them. The Pole star is on the meridian five minutes later than Alioth, when a true meridian line may be drawn by it, and the magnetic variation be thereby determined, &c.

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 Waggon or Plough; counting toward those two of them denominated the pointers.

The interclary day at the end of the second month (February) is this year omitted, in order to bring the equinoxes to their true points in the ecliptic, as fixed by the Gregorian or New Style.

COMMON NOTES, &c. For the Year 1800.

Dominical Letter,	E	Easter,	April 13
Golden Number,	15	Ascension,	May 22
Epact, (correct)	5	Whitsunday,	June 1
Solar Cycle,	17	Trinity,	8
1 st Wednesday,	Feb. 26	Advent,	Nov. 30

A Table shewing the amount of Wages or Expenses in the course of a Year, from One Penny to Twenty Shillings per Day.

Pence.	per Day		per Week		per Month		per YEAR		Shillings.	per Day		per Week		per Month		per YEAR	
	s.	d.	l.	s.	d.	l.	s.	d.		l.	s.	d.	l.	s.	l.	s.	l.
1	0	7	0	2	4	1	10	5		1	0	7	0	1	8	18	5
2	1	2	0	4	8	3	0	10		2	0	14	0	2	16	36	10
3	1	9	0	7	0	4	11	3		3	1	1	0	4	4	54	15
4	2	4	0	9	4	6	1	8		4	1	8	0	5	12	73	0
5	2	11	0	11	8	7	12	1		5	1	15	0	7	0	91	5
6	3	6	0	14	0	9	2	6		6	2	2	0	8	8	109	10
7	4	1	0	16	4	10	12	11		7	2	9	0	9	16	127	15
8	4	8	0	18	8	12	3	4		8	2	16	0	11	4	146	0
9	5	3	1	1	0	13	13	9		9	3	3	0	12	12	164	5
10	5	10	1	3	4	15	4	2		10	3	10	0	14	0	182	10
11	6	5	1	5	8	16	14	7		15	5	5	0	21	0	273	15
The Month is only 28 Days.										20	7	0	0	28	0	365	0

A Table, shewing the Value of any Number of Dollars, from 1 to 10,000, at Seven Shillings and Six pence each.

D.	£.	s.	d.	D.	£.	s.	d.	D.	£.	s.	d.	D.	£.	s.	d.
1	0	7	6	23	8	12	6	45	16	17	6	400	150	0	0
2	0	15	0	24	9	0	0	46	17	5	0	500	187	10	0
3	1	2	6	25	9	7	6	47	17	12	6	600	225	0	0
4	1	10	0	26	9	15	0	48	18	0	0	700	262	10	0
5	1	17	6	27	10	2	6	49	18	7	6	800	300	0	0
6	2	5	0	28	10	10	0	50	18	15	0	900	337	10	0
7	2	12	6	29	10	17	6	51	19	2	6	1000	375	0	0
8	3	0	0	30	11	5	0	52	19	10	0	2000	750	0	0
9	3	7	6	31	11	12	6	53	19	17	6	3000	1125	0	0
10	3	15	0	32	12	0	0	54	20	5	0	4000	1500	0	0
11	4	2	6	33	12	7	6	55	20	12	6	5000	1875	0	0
12	4	10	0	34	12	15	0	56	21	0	0	6000	2250	0	0
13	4	17	6	35	13	2	6	57	21	7	6	7000	2625	0	0
14	5	5	0	36	13	10	0	58	21	15	0	8000	3000	0	0
15	5	12	6	37	13	17	6	59	22	2	6	9000	3375	0	0
16	6	0	0	38	14	5	0	60	22	10	0	10000	3750	0	0
17	6	7	6	39	14	12	6	70	26	5	6				
18	6	15	0	40	15	0	0	80	30	0	0				
19	7	2	6	41	15	7	6	90	33	15	6				
20	7	10	0	42	15	15	0	100	37	10	0				
21	7	17	6	43	16	2	6	200	75	0	0				
22	8	5	0	44	16	10	0	300	112	10	0				

To reduce Dollars to Pounds, N. Jersey currency, multiply by 3 and divide by 8, & Pounds to Dollars, vice versa.

A Table reducing Pence and Shillings to Cents.

1	or	0	1	1	19	or	1	7	21	37	or	3	1	41	55	or	4	7	61	73	or	6	1	81
2		0	2	2	20		1	8	22	38		3	2	42	56		4	8	62	74		6	2	82
3		0	3	3	21		1	9	23	39		3	3	43	57		4	9	63	75		6	3	83
4		0	4	4	22		1	10	24	40		3	4	44	58		4	10	64	76		6	4	84
5		0	5	5	23		1	11	25	41		3	5	45	59		4	11	65	77		6	5	85
6		0	6	7	24		2	0	27	42		3	6	47	60		5	0	67	78		6	6	87
7		0	7	8	25		2	1	28	43		3	7	48	61		5	1	68	79		6	7	88
8		0	8	9	26		2	2	29	44		3	8	49	62		5	2	69	80		6	8	89
9		0	9	10	27		2	3	30	45		3	9	50	63		5	3	70	81		6	9	90
10		0	10	11	28		2	4	31	46		3	10	51	64		5	4	71	82		6	10	91
11		0	11	12	29		2	5	32	47		3	11	52	65		5	5	72	83		6	11	92
12		1	0	13	30		2	6	33	48		4	0	53	66		5	6	73	84		7	0	93
13		1	1	14	31		2	7	34	49		4	1	54	67		5	7	74	85		7	1	94
14		1	2	15	32		2	8	35	50		4	2	55	68		5	8	75	86		7	2	95
15		1	3	17	33		2	9	37	51		4	3	57	69		5	9	77	87		7	3	97
16		1	4	18	34		2	10	38	52		4	4	58	70		5	10	78	88		7	4	98
17		1	5	19	35		2	11	39	53		4	5	59	71		5	11	79	89		7	5	99
18		1	6	20	36		3	0	40	54		4	6	60	72		6	0	80	90		7	6	100

One-sixteenth of a Dollar, or a five pence half-penny piece,	6 1/4	Cents.
One-eighth of a Dollar, or an eleven penny piece,	12 1/2	
One quarter of a Dollar,	25	
One half of a Dollar,	50	
One half of a Pistareen,	10	
A Pistareen,	20	

SCIPIO AFRICANUS.

IT is said of Scipio, that in fifty-four years, the time he lived, he bought nothing, sold nothing, built nothing, and that he left in his large house only three and thirty pounds weight of silver and two of gold, and that when he took Carthage he enriched the soldiers more than all the other Roman Generals had done.

A Table of Interest, for Six and Seven Per Cent.

At Six per Cent.

At Seven per Cent.

Shillings.	1 Mon.			6 Mon.			12 Mon.			1 Mon.			6 Mon.			12 Mon.		
	s.	d.	q.	s.	d.	q.	s.	d.	q.	s.	d.	q.	s.	d.	q.	s.	d.	q.
5	0	0	1	0	1	3	0	1	3	0	0	1	0	2	0	0	4	1
10	0	0	2	0	3	2	0	7	0	0	0	3	0	4	2	0	8	2
15	0	0	3	0	5	1	0	10	3	0	1	0	0	6	0	1	0	3
1	0	1	0	0	7	0	1	2	1	0	1	1	0	8	1	1	4	3
2	0	2	1	1	2	1	2	4	2	0	2	3	1	4	3	2	9	2
3	0	3	2	1	9	2	3	7	0	0	4	0	2	1	0	4	2	1
4	0	4	3	2	4	3	4	9	2	0	5	2	2	9	2	5	7	0
5	0	6	0	3	0	0	6	0	0	0	7	0	3	6	0	7	0	0
6	0	7	0	3	7	0	7	2	1	0	8	1	4	2	1	8	4	3
7	0	8	1	4	2	1	8	4	3	0	9	0	4	10	3	9	9	2
8	0	9	2	4	9	2	9	7	0	0	11	0	5	7	0	11	2	1
9	0	10	3	5	4	3	10	9	0	1	0	2	6	3	2	12	7	0

Tens of Pounds.	1 Mon.			6 Mon.			12 Mon.			1 Mon.			6 Mon.			12 Mon.		
	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.
10	0	1	0	0	6	0	0	12	0	0	1	2	0	7	0	0	14	0
20	0	2	0	0	12	0	1	4	0	0	2	4	0	14	0	1	8	0
30	0	3	0	0	18	0	1	16	0	0	3	6	1	1	0	2	2	0
40	0	4	0	1	4	0	2	8	0	0	4	8	1	8	0	2	16	0
50	0	5	0	1	10	0	3	0	0	0	5	10	1	15	0	3	10	0
60	0	6	0	1	16	0	3	12	0	0	7	0	2	2	0	4	4	0
70	0	7	0	2	2	0	4	4	0	0	8	2	2	9	0	4	18	0
80	6	8	0	2	8	0	4	16	0	0	9	4	2	16	0	5	12	0
90	0	9	0	2	14	0	5	8	0	0	10	6	3	3	0	6	6	0
100	0	10	0	3	0	0	6	0	0	0	11	8	3	10	0	7	0	0

Find the principal in the first column, and against it is the Interest due for one, six or 12 months, as the titles express.

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Post Towns, &c. from Philadelphia to Portland, in the State of Massachusetts Bay.

FROM Philad.		Stamford	44	139	Worcester	49	300	
to Bristol	20	20	Norwalk	10	149	Boston	45	345
Trenton	10	30	Fairfield	12	161	Salem	19	363
Princeton	12	42	Stratford	8	169	Ipswich	12	375
Brunswick	18	60	New-Haven	14	183	Newbury	12	387
Bridge-town	12	72	Middletown	26	209	Portsmouth	22	409
Eliz.-town	8	80	Hartford	14	223	Portland, Casco-		
New-York	15	95	Springfield	28	251	bay	60	469

Post Towns, &c. from Philadelphia to Savanna, in Georgia.

FROM Philad.		Alexandria	8	156	Smithfield	37	362	
to Chester	15	15	Colchester	16	172	Suffolk	22	388
Wilmington	13	28	Dumfries	12	184	Edenton	54	442
Head of Elk	21	49	Fredericksburg	25	209	Washington	56	498
Charlestown	10	59	Bowling Green	22	231	Newbern	38	536
Hav. de Grace	6	65	Hanover-court-			Wilmington	93	629
Hartford	12	77	house	25	256	Georgetown	127	756
Baltimore	25	102	Richmond	22	278	Charleston	62	818
Bladensburg	38	140	Petersburg	25	303	Savannah	119	937
George-town	8	148	Cabin-point	26	329			

Roads from Philadelphia to Pittsburgh.

FROM Philad. to		Middle-town	8	91	Juniata	10	181	
Schuylkill	2	2	Black horse	3	94	Bedford	14	196
Black horse	4	6	Chambers's	3	97	Bonnet's	4	200
Buck	5	11	Harrisburg	3	100	Anderson's	15	205
Admiral War-			Walker's	11	111	Stotler's	10	215
en	12	23	Carlisle	6	117	Stoney creek	10	225
Downing's-			Mount Rock	7	124	Wells's	10	235
town	10	33	Shippensburg	14	138	Ligonier	11	246
Barley-sheaf	8	41	Strafburg	10	148	Read's	10	256
The hat	13	54	Ramsay's	8	156	Greensburg	9	265
Conestogo			Burd's at Lit-			Walthower's	8	273
bridge	10	64	tleton	7	163	Myers's at		
Lancaster	2	66	Wild's	9	172	Turtle creek	11	284
Eliz. town	17	83	Beamer	at		Pittsburg	12	296

Of Alexander the Great.

A Pirate being taken and brought to him, was asked upon what he relied that he should dare to infest the seas? He answered, "For Gain. I, says he, since I do this in one little ship, am named a pirate; but you, doing the same thing with a great fleet, are called a King." Alexander, admiring his intrepid Courage, gave him his life.

I Month, JANUARY, hath 31 Days.

ON WINTER.

STERN WINTER now assumes his rugged reign,
And chills the bosom of the leafless plain,
Along the barren heath and dreary lawn,
Sighs the sad genius of the coming storm.

First ☽ 2d, 5h. 30m. Aft. Last ☾ 18th, 2h. 41m. Morn.
Full ☉ 10th, 9h. 9m. Aft. New ☉ 24th, 10h. 7m. Aft.

D.	M.	D. W.	MISCELLANEOUS PARTICULARS.	☀		☽		☾		☾'s		☾	
				rises.	sets.	flow	place.	sets.	H.	M.			
				H. M.	H. M.	M. S.	S. D.	S. D.	H.	M.			
1		4	Circumcision ☉ Sta'ry	7 23	4 37	4 5	☾ 27	11	22				
2		5	Now expect	7 23	4 37	4 33	☽ 9	Morn					
3		6	☉ south 5 53	7 23	4 37	5 1	21	0	22				
4		7	a thaw.	7 22	4 38	5 29	☽ 3	1	21				
5		E	☾ in apogee	7 22	4 38	5 56	15	2	22				
6		2	Epiphany.	7 21	4 39	6 22	27	3	22				
7		3	Cold and clear.	7 21	4 39	6 48	☽ 9	4	23				
8		4	☽ south 10 11	7 20	4 40	7 14	21	5	23				
9		5	Weather moderates.	7 20	4 40	7 39	☽ 3	6	21				
10		6	Cloudy.	7 19	4 41	8 4	16	Rises					
11		7	Sirius south 11 3	7 18	4 42	8 28	28	5	17				
12		E	Soon expect snow or	7 18	4 42	8 51	☽ 11	6	24				
13		2	☽ south 0 59	7 17	4 43	9 14	25	7	32				
14		3	rain.	7 16	4 44	9 36	☽ 8	8	41				
15		4	Good slaying	7 15	4 45	9 57	22	9	51				
16		5	Spica ☽ rises 11 53	7 15	4 45	10 18	☽ 5	11	2				
17		6	☽'s elongation	7 14	4 46	10 37	19	Morn					
18		7	if snow falls plentifully.	7 13	4 47	10 57	☽ 3	0	14				
19		E	☉ enters ☽	7 12	4 48	11 15	17	1	38				
20		2	Hard frosts.	7 11	4 49	11 33	☽ 1	2	44				
21		3	☾ in perigee	7 11	4 49	11 50	16	4	0				
22		4	Vincent.	7 10	4 50	12 6	30	5	13				
23		5	Cloudy weather.	7 9	4 51	12 21	☽ 14	6	15				
24		6	Perhaps rain	7 8	4 52	12 35	29	Sets					
25		7	Conversion St. Paul	7 7	4 53	12 49	☽ 13	5	32				
26		E	☽ south 8 48 ☽ ☉ ☽	7 6	4 54	13 2	26	6	44				
27		2	or snow.	7 5	4 55	13 14	☽ 10	7	53				
28		3	High winds.	7 4	4 56	13 25	23	8	58				
29		4	Now expect	7 3	4 57	13 35	☽ 5	10	0				
30		5	Days increase 46m.	7 2	4 58	13 45	17	11	1				
31		6	severe cold weather.	7 1	4 59	13 54	29	Morn					

Second Winter Month, JANUARY.

Days.	Planets' Places, &c.								Age.	☉'s		Alioth on Mer.	
	☉	☊	♋	♌	♍	♎	♏	♐		lat.			
	♁	♂	♄	♃	♆	♅	♁	D.		H.	M.		
1	11	27	9	25	5	24	28	3	7	3 S	5	58	
7	17	27	8	24	9	♁	26	3	13	3 N	5	32	
13	23	27	8	23	13	7	30	3	19	5 N	5	6	
19	29	27	7	23	17	14	♁	2	15	1 S	4	40	
25	♁	27	7	22	21	13	♁	2	2	5 S	4	15	

SAVAGE CRUELTY.

D. M.	fourth		Phila	
	H.	M.	H.	M.
1	5	14	7	2
2	5	54	7	42
3	6	34	8	22
4	7	14	9	2
5	7	57	9	45
6	8	42	10	30
7	9	30	11	18
8	10	22	11	56
9	11	15	0	34
10	Morn.			
11	0	9	2	21
12	1	2	3	14
13	1	53	4	5
14	2	42	4	54
15	3	29	5	41
16	4	16	6	28
17	5	3	7	15
18	5	51	8	3
19	6	42	8	54
20	7	37	9	49
21	8	35	10	47
22	9	37	11	37
23	10	39	0	27
24	11	39	1	27
25	Aft.			
26	1	28	2	24
27	2	15	3	16
28	2	58	4	3
29	3	39	4	46
30	4	20	5	27
31	5	0	6	8

FREDERIC MANHEIM, an industrious German, with his family, consisting of his wife, a daughter of eighteen years of age, and Maria and Christina, his youngest children (twins) about sixteen, resided near the river Mohawk, eight miles west of Johnston. On the nineteenth of October, 1779, the father being at work at some distance from his habitation, and the mother and eldest daughter on a visit at a neighbour's, two hostile Canasadaga Indians rushed in, and captured the twin sisters.

The party, to which these savages belonged, consisted of fifty warriors who, after securing twenty three of the inhabitants of that neighborhood, among whom was the unfortunate Frederic Mannheim, and firing their houses, retired for four days with the utmost precipitation, till they were quite safe from pursuit. The place, where they halted on the evening of the day of rest, was a thick pine swamp, which rendered the darkness of an uncommonly-gloomy night, still more dreadful. The Indians kindled a fire, which they had not done before, and ordered their prisoners, whom they kept together, to refresh themselves with such provisions as they had. The Indians eat by themselves. After supper, the appalled captives observed their enemies, instead of retiring to rest, busied in operations that boded nothing good. Two sapplings were pruned clear of branches up to the very top, and all the brush cleared away, for several rods around them. While this was doing, others were splitting pitch pine billets into small splinters about five inches in length, and as small as one's little finger, sharpening

one end, and dipping the other in melted turpentine. At length, with countenances distorted by infernal fury, and hideous yells, the two savages, who had captured the helpless Maria and

II Month, FEBRUARY, hath 28 Days.

In gloomy horror from the angry North,
The burden'd Snow storm slowly issues forth,
Its fleecy store in a thick shower is cast,
and shelters nature from the Northern blast.

First ☽ 1st, 3h. 23m. Aft. Last ☾ 16th, 10h. 34m. M.
Full ☉ 9th, 0h. 9m. Aft. New ☀ 23d, 11h. 53m. M.

D.	D.	MISCELLANEOUS PARTICULARS.	☀		☀		☀		☽'s		☽	
			rises.	sets.	slow	place	sets.	H. M.				
D.	M.		H. M.	H. M.	M. S.	S. D.	H. M.					
1	7	<i>Weather moderates.</i>	7 0	5 0	14 1	♄ 11	0 1					
2	E	Purification V. Mary.	6 58	5 2	14 9	♃ 23	1 2					
3	2	[☽ in apogee	6 57	5 3	14 16	♄ 5	2 3					
4	3	<i>Cloudy.</i>	6 56	5 4	14 21	♄ 17	3 4					
5	4	☽ sets 3 34	6 55	5 5	14 26	♄ 29	4 3					
6	5	<i>High winds.</i>	6 54	5 6	14 30	♄ 11	4 58					
7	6	☽ south 11 7	6 53	5 7	14 33	♄ 24	5 47					
8	7	<i>Now expect</i>	6 52	5 8	14 36	♄ 7	6 30					
9	E	Septuagesima.	6 50	5 10	14 37	♄ 20	Rises					
10	2	<i>falling weather.</i>	6 49	5 11	14 38	♄ 4	6 24					
11	3	☉ south 2 7	6 48	5 12	14 38	♄ 18	7 36					
12	4	<i>Rain, snow or hail.</i>	6 47	5 13	14 37	♄ 2	8 48					
13	5	<i>Clear and pleasant.</i>	6 46	5 14	14 36	♄ 16	10 1					
14	6	Valentine.	6 44	5 16	14 34	♄ 30	11 15					
15	7	☽ sta'ry ☽ in perigee.	6 43	5 17	14 31	♄ 14	Morn					
16	E	Sexagesima.	6 42	5 18	14 27	♄ 28	0 31					
17	2	☽'s set 1 0	6 41	5 19	14 22	♄ 12	1 47					
18	3	☉ enters ♋	6 39	5 21	14 17	♄ 26	3 0					
19	4	<i>Cold weather.</i>	6 38	5 22	14 11	♄ 10	4 5					
20	5	☽ south 10 13	6 37	5 23	14 5	♄ 24	4 59					
21	6	<i>Weather moderates.</i>	6 36	5 24	13 57	♄ 8	5 43					
22	7	<i>Expect a thaw</i>	6 34	5 26	13 49	♄ 21	6 17					
23	E	Quinquagesima	6 33	5 27	13 41	♄ 5	Sets					
24	2	Matthias	6 32	5 28	13 32	♄ 18	6 41					
25	3	☽'s set 0 29	6 31	5 29	13 22	♄ 30	7 45					
26	4	Ash-Wednesday	6 29	5 31	13 12	♄ 13	8 48					
27	5	<i>about this time.</i>	6 28	5 32	13 1	♄ 25	9 49					
28	6	☽ sets 2 5	6 27	5 33	12 49	♄ 8 7	10 50					

VENUS (♀) will be morning Star until the 5th of the 8th
Month (August) then evening Star until the year's end.

Third Winter Month, FEBRUARY.

Days.	Planets' Places, &c.								☉ 's age.	☉ 's lat.	Alioth on Mer.		
	☉	♃	♄	♅	♆	♇	♈	♉			D.	H.	M.
	☉	♃	♄	♅	♆	♇	♈	♉					
1	13	27	6	22	27	29	22	2	9	1 N	3	47	
7	19	27	6	22	♄	♄	☿	1	15	5 N	3	23	
13	25	27	5	21	5	13	10	1	21	1 N	2	59	
19	♃	26	5	22	9	20	20	1	27	5 S	2	36	
25	7	26	4	22	14	27	♃	0	3	2 S	2	13	

D. M.	☉ H. M.	H. W. Phila. H. M.	Christina, leaped into the midst of the circle of prisoners, and dragged those ill-fated maidens, shrieking from the embraces of their companions. These warriors had disagreed about whose property the girls should be, as they had jointly seized them; and, to terminate the dispute, agreeably to the abominable custom of the savages, it was determined by the chiefs of the party, that the prisoners who had given rise to the contention, should be destroyed; and that their captors should be the principal agents in the execrable business. These furies, assisted by their comrades, stripped the forlorn girls, convulsed with apprehensions, and tied each to a sapling, with their hands as high extended above their heads as possible, and then pitched them from their knees to their shoulders, with upwards of six hundred of the sharpened splinters above described, which, at every puncture, were attended with screams of distress, that echoed through the wilderness. And then, to complete the infernal tragedy, the splinters, all standing erect on the bleeding victims, were set on fire and exhibited a scene of extreme misery, beyond the power of speech to describe, or even the imagination to conceive. It was not until near three hours had elapsed from the commencement of these torments, and that they had lost almost every resemblance of the human form, that these helpless Virgins sunk down in the arms of their deliverer, Death.
1	5 43	7 31	
2	6 27	8 15	
3	7 15	9 3	
4	8 5	9 53	
5	8 58	10 46	
6	9 52	11 40	
7	10 47	0 20	
8	11 39	0 59	
9	Morn.	1 51	
10	0 31	2 43	
11	1 20	3 32	
12	2 8	4 20	
13	2 56	5 8	
14	3 44	5 56	
15	4 35	6 47	
16	5 29	7 4	
17	6 26	8 38	
18	7 26	9 38	
19	8 27	10 39	
20	9 27	11 39	
21	10 24	0 24	
22	11 17	1 5	
23	Aft. 5	1 53	
24	0 51	2 39	
25	1 33	3 21	
26	2 15	4 3	
27	2 56	4 44	
28	3 38	5 26	

Of Diogenes the Cynic.

WHILE Diogenes was discoursing accurately against anger, a waggish youth to make trial, whether he would abide by his doctrine, spit in his face—this he bore wisely and mildly—I am not, indeed, says he, angry, but I have some doubts, whether I ought not to be angry!

III Month, MARCH, hath 31 Days.

TO SPRING.

HAIL, hail thou infant of the year,
 Thou child of nature's womb,
 Now may thy beauteous charms appear
 In all their native bloom.

First ☽ 3d, oh. 45m. Aft. | Last ☾ 17th, 6h. 6m. Aft.
 Full ☉ 11th, oh. 48m. Morn. | New ☉ 25th, 3h. 14m. M.

D.	D.	MISCELLANEOUS PARTICULARS.	☀		☽		☾		☉'s		☉
			rises	sets	flow	place.	Sets.				
M.	W.		H. M.	H. M.	M. S.	S. D.	H. M.				
1	7	David	6 25	5 35	12 37	8 19	11 52				
2	E	1st in Lent. ☽ in apo.	6 24	5 36	12 25	II 1	Morn.				
3	2	Soon expect	6 23	5 37	12 12	13	0 54				
4	3	warm days.	6 21	5 39	11 59	25	1 53				
5	4	7*s set ☉ 4 ☽ ☉ 8 su.	6 20	5 40	11 45	☽ 7	2 50				
6	5	Warm.	6 19	5 41	11 31	19	3 42				
7	6	Gathering for	6 17	5 43	11 16	☽ 2	4 26				
8	7	Days 11 28	6 16	5 44	11 1	15	5 6				
9	E	a storm.	6 15	5 45	10 46	29	5 38				
10	2	Cold rain.	6 13	5 47	10 30	☽ 12	6 6				
11	3	Bull's eye sets 11 54	6 12	5 48	10 14	27	Rises				
12	4	Gregory.	6 11	5 49	9 58	☽ 11	7 49				
13	5	☽ in perigee ☉ ☽ 4	6 10	5 50	9 41	26	9 5				
14	6	High winds.	6 8	5 52	9 24	☽ 10	10 22				
15	7	8 ☉ ☽	6 7	5 53	9 7	25	11 42				
16	E	Cold nights,	6 6	5 54	8 50	☽ 9	Morn.				
17	2	Sirius sets 11 54	6 4	5 56	8 32	23	0 58				
18	3	and warm days.	6 3	5 57	8 14	☽ 7	2 5				
19	4	☽ south 8 27	6 2	5 58	7 56	21	3 4				
20	5	☉ enters ♈	6 0	6 0	7 38	☽ 4	3 50				
21	6	☽ south 11 39	5 59	6 1	7 20	18	4 27				
22	7	Blustering.	5 58	6 2	7 1	☽ 1	4 57				
23	E	Mid. Lent	5 56	6 4	6 43	14	5 22				
24	2	Pleasant and	5 55	6 5	6 24	26	5 43				
25	3	Annunc. V. Mary	5 54	6 6	6 5	☽ 9	Sets.				
26	4	warm.	5 52	6 8	5 47	21	7 45				
27	5	Cloudy and	5 51	6 9	5 28	8 3	8 47				
28	6	perhaps rain.	5 50	6 10	5 9	15	9 48				
29	7	☽ in apogee	5 48	6 12	4 51	27	0 51				
30	E	Arcturus south 1 34	5 47	6 13	4 32	II 9	11 51				
31	2	☽'s elongation.	5 46	6 14	4 14	21	Morn				

First Spring Month, MARCH.

Days.	Planets' Places, &c.								D's sage.	D's lat.		Alioth on Mer.	
	☉	☿	♁	♂	♀	♃	♄	♅		D.	N S	H.	M.
	☉	☿	♁	♂	♀	♃	♄	♅					
1	11	26	4	22	17	2	8	0	7	2	N	1	58
7	17	26	4	22	21	9	19	30	13	5	N	1	36
13	23	26	4	23	25	16	29	29	19	0		1	14
19	29	25	3	23	30	23	12	29	25	5	S	0	52
25	25	25	3	24	23	23	23	29	1	2	S	0	31

D. M.	H. W.		Phil.	
	H.	M.	H.	M.
1	4	22	6	10
2	5	9	6	57
3	5	57	7	45
4	6	19	8	37
5	7	43	9	31
6	8	37	10	25
7	9	31	11	19
8	10	23	11	57
9	11	13	0	35
10	Morn		1	25
11	0	3	2	15
12	0	52	3	4
13	1	42	3	54
14	2	24	4	46
15	3	27	5	39
16	4	25	6	37
17	5	26	7	38
18	6	27	8	39
19	7	28	9	40
20	8	25	10	37
21	9	19	11	31
22	10	8	0	8
23	10	54	0	42
24	11	36	1	24
25	Aft.	18	2	6
26	0	59	2	47
27	1	41	3	29
28	2	24	4	12
29	3	10	4	58
30	3	58	5	46
31	4	47	6	35

A curious account of dress in England, in the 14th century.

WHAT could exhibit a more fantastical appearance than an English Beau of the fourteenth century? He wore long pointed shoes, fastened to his knees by gold or silver chains; hose of one colour on one leg, and of another colour on the other; short breeches, which did not reach to the middle of his thighs, and disclosed the shape of all the parts included in them; a coat, one half white, and the other half black or blue; a long beard; a silk hood buttoned under the chin, embroidered with grotesque figures of animals, &c. gold, silver, and precious stones. This dress was the very top of the mode in the reign of Edward the third.

The dress of the gay and fashionable ladies, who frequented the public diversions of those times, was not more decent and becoming. It is thus described by Knyghton, 1348. These tournaments were attended by many ladies of the first rank and greatest beauty, but not always of the most untainted reputation. These ladies are dressed in party-coloured tunics, one half being of one colour, and the other half of another. Their litripoons or tippets are very short; their caps remarkably little, and wrapt about their heads with cords; their girdles and pouches are ornamented with gold and silver, and they wear short swords, called daggers, before them, a little below the naval; they are mounted on the finest horses, with the richest furniture. Thus equipped, they ride from place to place in quest of tournaments by which they dissipate their fortunes and ruin their reputation. Their head dresses were sometimes enormously high, rising almost three feet above the head, in the shape of a sugar loaf, with streamers of fine silk flowing from the top of them to the ground!

IV Month, APRIL, hath 30 Days.

May ice-bound rills and frosty gales,
Yield to thy gentle sway,
Crown rugged hills and flowing vales
With vegetables gay.

First ☽ 2d, 7h. 43m. Morn. | Last ☾ 16th, 2h. 8m. Mo.
Full ☉ 9th, 11h. 15m. Morn. | New ☽ 23d, 7h. 31m. Aft.

D.	M.	D.	W.	MISCELLANEOUS PARTICULARS.	☀		☀		☀		☽'s		☽	
					rises	sets	slow	place.	Sets.	H.	M.			
					H.	M.	M.	S.	S.	D.	H.	M.		
1		3		Cold and	5	44	6	16	3	55	☽	3	0	48
2		4		windy.	5	43	6	17	3	37		15	1	41
3		5		Procyon sets 1 10	5	42	6	18	3	19		27	2	29
4		6		☿ stationary	5	40	6	20	3	1	☿	10	3	9
5		7		Southerly rain.	5	39	6	21	2	43		23	3	43
6		E		Palm Sunday	5	38	6	22	2	26	☿	6	4	14
7		2		♃ stationary.	5	37	6	23	2	8		20	4	41
8		3		Clear and pleasant.	5	35	6	25	1	51	☽	5	5	5
9		4		☽ eclipsed invisible	5	34	6	26	1	34		19	☽	i'es
10		5		☽ in perigee.	5	33	6	27	1	18	☿	4	8	10
11		6		Good Friday	5	32	6	28	1	1		19	9	30
12		7		Soon expect a storm at	5	30	6	30	0	45	♄	4	10	50
13		E		Easter	5	29	6	31	0	30		19	Morn.	
14		2		tended with high winds.	5	28	6	32	0	14	☿	3	0	5
15		3		Arcturus south 0 35	5	27	6	33	fast	1		18	1	7
16		4		Shortly expect pleasant	5	25	6	35	0	16	☽	1	1	58
17		5		♃ ☽ Inferior.	5	24	6	36	0	30		15	2	37
18		6		showers and warm	5	23	6	37	0	44		28	3	9
19		7		☉ south 9 42	5	22	6	38	0	58	☿	11	3	34
20		E		☉ enters 8	5	20	6	40	1	11		23	3	57
21		2		Spica ☿ south 11 17	5	19	6	41	1	24	☿	6	4	17
22		3		Procyon sets 11 48	5	18	6	42	1	37		18	4	38
23		4		St. Geo. ☉ eclipsed	5	17	6	43	1	49		30	☽ sets	
24		5		days.	5	16	6	44	2	0	☿	12	7	46
25		6		St. Mark	5	14	6	46	2	11		24	8	47
26		7		☽ in apogee	5	13	6	47	2	22	☽	5	9	49
27		E		Clear.	5	12	6	48	2	32		17	10	48
28		2		Rain and perhaps	5	11	6	49	2	41		29	11	42
29		3		thunder.	5	10	6	50	2	50	☽	11	Morn.	
30		4		Castor sets 1 5	5	9	6	51	2	59		23	0	30

Latitude of Georgian planet (☉) about 45 minutes north.

Second Spring Month, APRIL.

Days.	Planets' Places, &c.								sage.	●'s	Alioth	
	☉	☊	♃	♄	♅	♆	♇	♁		lat.	on Mer.	
	♌	♍	♎	♏	♐	♑	♒	♓		D.	H.	M.
1	12	25	3	25	9	9	0	28	8	5 N	0	5
7	18	24	3	25	13	16	2	28	14	3 N	11	39
13	23	24	3	26	18	24	1	28	20	4 S	11	17
19	29	24	3	27	22	♄	♄	27	26	4 S	10	51
25	8	24	4	28	27	8	23	27	3	2 N	10	21

Instances of the grim crack taste of former Days.

D.	M.	H. W.	
		South	Phila
		H. M.	H. M.
1		5 40	7 28
2		6 34	8 22
3		7 26	9 14
4		8 18	10 6
5		9 9	10 57
6		9 59	11 47
7		10 47	0 23
8		11 37	0 59
9	M	rn 1	49
10		0 29	2 41
11		1 2	3 36
12		2 22	4 34
13		3 23	5 35
14		4 27	6 39
15		5 29	7 41
16		6 29	8 41
17		7 23	9 35
18		8 14	10 26
19		9 0	11 12
20		9 43	11 43
21		10 24	0 12
22		11 5	0 53
23		11 45	1 33
24	Ast.	28	2 16
25		1 12	3 0
26		2 0	3 48
27		2 49	4 37
28		3 40	5 28
29		4 32	6 20
30		5 24	7 12

IN the sixteenth century, an Italian monk, named Peter Alminus, comprised the acts of the apostles, and the gospel of St. John, within the circumference of a farthing.

An artist, endowed with equal patience, presented queen Elizabeth a bit of paper of the size of a finger nail, on which were written the ten commandments, the creed, and the Lord's prayer, together with her majesty's name, and the date of the year; all the letters of it were easily distinguished by means of a pair of spectacles, which this artist had himself constructed.

The Iliad of Homer too, is to be seen written upon vellum, and in so small a compass, that a nutshell contains it.

Jerome Faba, an Italian priest, and a native of Calabria, exercised himself in another species of industry equally wonderful from its difficulty. He finished a work of box wood, which represented all the mysteries of the passion, and might be put into the shell of a walnut. To him is likewise attributed a coach of the size of a grain of wheat, within which were to be seen a man and a woman, a coachman who drove it, and horses which drew it. These performances were presented to Francis I. and to Charles V.

Another artist constructed an ivory chariot, which a fly covered with its wings, and a ship also of ivory, with its rigging complete.

Paul Colonis tells us somewhere, that he saw a goldsmith at Moulins, who had chained a living flea to a gold chain, which contained fifty links, and did

not weigh three grains.

Madame de Savigne likewise mentions, in one of her letters, that there was a man in Paris, who, as a master piece, had constructed a chariot which was drawn by fleas

V Month, MAY, hath 31 Days.

HAIL joyful MAY! thou glory of the year!
 Welcom'd by thousands thy blest charms appear,
 The waving groves their vernal liv'ries wear,
 And a new glory clothes the smiling year.

First ☽ 11th, 11h. 5m. Aft. | Latt ☾ 15th, 11h. 31m. M.
 Full ☉ 8th, 7h. 48m. Aft. | New ☉ 23d, 11h. 42m. Morn.
 First ☽ 31st, 10h. 44m. Morn.

D.	M.	D.	W.	MISCELLANEOUS PARTICULARS.	☉	☉	☉	☽'s	☽
					rises.	sets.	fast.	place.	sets.
					H. M.	H. M.	M. S.	S. D.	H. M.
1		5		Philip & James ☽ sta.	5 8	6 52	3 7	♋ 6	1 12
2		6		Clear and warm.	5 6	6 54	3 14	18	1 48
3		7		Days encrease 4 40	5 5	6 55	3 21	♌ 1	2 19
4	E			Sweet refreshing show	5 4	6 56	3 27	15	2 46
5		2		ers attended with	5 3	6 57	3 33	28	3 11
6		3		John Evangelist	5 2	6 58	3 38	♍ 13	3 36
7		4		some	5 1	6 59	3 42	27	3 59
8		5		thunder.	5 0	7 0	3 46	♎ 13	☽ rises
9		6		☽ in Perigee	4 59	7 1	3 50	28	8 28
10		7		High southerly winds.	4 58	7 2	3 52	♏ 13	9 48
11	E			Arcturus south 11 52	4 57	7 3	3 55	28	10 59
12		2		⊕ south 8 20	4 56	7 4	3 56	♐ 13	11 56
13		3		Warm and pleasant.	4 55	7 5	3 57	27	Morn.
14		4		Vegetation	4 54	7 6	3 58	♑ 11	0 40
15		5		☽'s elongation	4 53	7 7	3 58	25	1 14
16		6		now flourishes.	4 52	7 8	3 57	♒ 8	1 42
17		7		Lya south 2 56	4 51	7 9	3 56	20	2 5
18	E			Rogation	4 50	7 10	3 55	♓ 3	2 26
19		2		Soon expect a cold	4 50	7 10	3 52	15	2 45
20		3		easterly	4 49	7 11	3 50	27	3 6
21		4		☉ enters ♀	4 48	7 12	3 46	♈ 9	3 28
22		5		Ascension	4 47	7 13	3 43	21	3 53
23		6		☉ in Apogee	4 46	7 14	3 38	♉ 2	☽ sets
24		7		rain.	4 46	7 14	3 34	14	8 42
25	E			☽ sets 11 35	4 45	7 15	3 28	26	9 38
26		2		Windy.	4 44	7 16	3 22	♊ 8	10 28
27		3		Clear and pleasant.	4 43	7 17	3 16	20	11 12
28		4		☽ sets 11 22	4 43	7 17	3 9	♋ 2	11 49
29		5		A fine growing season.	4 42	7 18	3 2	15	Morn.
30		6		Very warm.	4 42	7 18	2 54	27	0 19
31		7		⊕ stationary.	4 41	7 19	2 46	♌ 10	0 46

Third Spring Month, MAY.

Days.	Planets' Places, &c.								☉ ☽	☉'s lat.	Alioth on Mer.		
	☉	♃	♄	♅	♆	♇	♈	♉			D.	H.	M.
	8	♈	♉	♊	♋	♌	♍	♎					
1	1	24	4	29	1	15	22	27	9	5 N	10	10	
7	17	23	4	♄	5	23	23	27	15	0	9	47	
13	23	23	5	2	10	30	27	26	21	5 S	9	24	
19	28	23	5	3	14	8	8	26	27	1 S	9	0	
25	II	23	5	4	19	15	11	26	3	4 N	8	36	

D.	☉	H. W.	
		fouth.	Phila.
M.		H.	M.
1	6	15	8 3
2	7	5	8 53
3	7	53	9 41
4	8	41	10 29
5	9	29	11 17
6	10	18	11 53
7	11	11	0 30
8	Morn		1 23
9	0	8	2 20
10	1	10	3 22
11	2	14	4 26
12	3	20	5 32
13	4	23	6 35
14	5	21	7 33
15	6	14	8 26
16	7	1	9 13
17	7	45	9 57
18	8	27	10 39
19	9	7	11 19
20	9	47	11 47
21	10	29	0 17
22	11	12	1 0
23	11	58	1 46
24	Ast.	46	2 34
25	1	36	3 24
26	2	28	4 16
27	3	20	5 8
28	4	11	5 59
29	4	59	6 47
30	5	46	7 34
31	6	32	8 26

Remarkable cold weather in high northern Latitudes.

TOWARDS the beginning of the last century, several voyages of discovery were made in the northern seas; and the Greenland whale fishery began to be pursued with ardour by various European nations. These two circumstances have given rise to various instances of wintering in the dreary and desolate lands of high northern latitudes, and the surprising difference of success attending these attempts, must strike every reader.

The first remarkable relation of this kind that I have found, is that of the wintering of captain Monck, a Dane, in Hudson's Bay, latitude 63, 20. He had been sent on a voyage of discovery with two ships, well provided with necessaries, the crews of which amounted to sixty-four persons. The ships being locked up in the ice, they landed and erected huts for passing the winter, which they occupied in September, 1619. At the beginning of their abode here, they got abundance of wild fowl, and some other fresh provisions; but the cold soon became so intense, that nothing further was to be procured abroad, and they were obliged to take to their ship stores. The severity of the cold may be conceived from their seeing ice three hundred and sixty feet thick; and from their beer, wine and brandy being all frozen to the very centre. The people soon began to be sickly, and their sickness increased with the cold. Some were affected by gripes and looseness, which continued till they died. At the approach of spring they were all highly scorbutic, and their mouths were so extremely sore, that they were unable to eat any thing but bread soaked in water. At last, their bread was exhausted; and the few survivors chiefly subsisted on a kind of berry dug out from beneath the snow. When the Spring was far

VI Month, JUNE, hath 30 Days.

LUR'D by the beauties of enchanting spring,
 See Summer comes in ardor blazing high,
 While the coy Mistress of the vernal scene
 Turns, blushing, from the gazes of his eye.

Full ☉ 7th, 3h. 1m. Morn. | New ☉ 2d, 2h. 52m. Mo.
 Last ☾ 13th, 1h. 1m. Aft. | First ☽ 29th, 7h. 16m. Aft.

D. M.	D. W.	MISCELLANEOUS PARTICULARS.	☀	☀	☀	☽'s	☽
			rises. H. M.	sets. H. M.	fast M. S.	place S. D.	sets. H. M.
1	E	Whitsunday	4 40	7 20	2 27	☿ 24	1 11
2	2	Gentle showers and	4 40	7 20	2 28	☽ 7	1 34
3	3	perhaps thunder.	4 39	7 21	2 18	☽ 21	1 59
4	4	Spica ☿ sets 1 55	4 39	7 21	2 8	♌ 6	2 25
5	5	Very pleasant.	4 38	7 22	1 58	☽ 21	2 53
6	6	☽ in perigee	4 38	7 22	1 47	♃ 6	3 31
7	7	Arcturus south 9 11	4 37	7 23	1 36	☽ 21	☽ rises
8	E	Trinity.	4 37	7 23	1 25	♃ 6	9 39
9	2	Foggy dull weather	4 37	7 23	1 13	☽ 21	10 30
10	3	and perhaps rain.	4 36	7 24	1 2	☽ 6	11 8
11	4	St. Barnabas	4 36	7 24	0 56	☽ 20	11 39
12	5	Clear	4 36	7 24	0 38	♃ 4	Morn.
13	6	and very warm.	4 36	7 24	0 25	☽ 17	0 5
14	7	Days encrease 5 40	4 35	7 25	0 13	☽ 29	0 27
15	E	☐ ☉ ⊕	4 35	7 25	Slow	♃ 12	0 47
16	2	Strong southerly	4 35	7 25	0 12	☽ 24	1 7
17	3	winds. [♄ ☉ ♃ sup.	4 35	7 25	0 25	♃ 6	1 28
18	4	Spica ☿ sets 0 56	4 35	7 25	0 38	☽ 18	1 52
19	5	☽ in apogee	4 35	7 25	0 51	☽ 29	2 19
20	6	Thunder gust.	4 35	7 25	1 4	♄ 11	2 52
21	7	☉ enters ☽	4 35	7 25	1 16	☽ 23	3 32
22	E	Clear hot	4 35	7 25	1 29	☽ 5	☽ sets
23	2	weather.	4 35	7 25	1 42	☽ 17	9 5
24	3	Nativity of St. John	4 35	7 25	1 55	☽ 29	9 45
25	4	the Baptist.	4 35	7 25	2 7	♄ 12	10 17
26	5	Somewhat	4 35	7 25	2 20	☽ 24	10 46
27	6	dry	4 35	7 25	2 32	♃ 7	11 11
28	7	and windy.	4 35	7 25	2 45	☽ 20	11 33
29	E	St. Peter.	4 35	7 25	2 57	☽ 3	11 56
30	2	Appearance of rain.	4 36	7 24	3 9	☽ 17	Morn.

First Summer Month, JUNE.

Days.	Planets' Places, &c.								☉'s sige.	☉'s lat.	Alioth on Mer.		
	☉	☊	♃	♄	♅	♆	♇	♈			D.	H.	M.
	II	III	Ω	♁	♂	♁	♁	♁					
1	11	23	6	6	24	23	22	25	10	3 N	8	10	
7	17	23	7	7	28	II	II	25	16	4 S	7	43	
12	22	23	7	8	♁	8	15	25	22	3 S	7	18	
19	28	23	8	10	6	15	28	24	28	3 N	6	54	
25	♁	24	9	11	10	23	♁	24	4	5 N	6	29	

D.	M.	H. W.	
		H.	M.
1	7 18	9	6
2	8 6	9	54
3	8 55	10	43
4	9 48	11	36
5	10 47	0	18
6	11 50	0	59
7	Morn.	2	2
8	0 55	3	7
9	2 2	4	14
10	3 4	5	16
11	4 0	6	12
12	4 51	7	3
13	5 38	7	50
14	6 21	8	33
15	7 2	9	14
16	7 42	9	54
17	8 23	10	35
18	9 6	11	18
19	9 50	11	50
20	10 38	0	26
21	11 28	1	16
22	Aft. 19	2	7
23	1 11	2	59
24	2 3	3	51
25	2 52	4	40
26	3 39	5	27
27	4 25	6	13
28	5 9	6	57
29	5 54	7	42
30	6 41	8	29

advanced, no fresh vegetables could yet be found. In June the captain crawled out of his hut, and found the whole company reduced to two men besides himself. These melancholy reliëts supported them selves in the best manner they were able, and recovered their strength by feeding on a certain root they discovered, and some game caught in hunting. At length they embarked in the smaller ship, and after undergoing numberless dangers and hardships, returned in safety.

In the year 1633, two trials were made by the Dutch of establishing wintering places at their northern fisheries; the one at Spitzbergen, the other on the coast of Greenland, in latitudes about 77 or 78. Seven sailors were left at each, amply furnished with every article of cloathing, provision and utensils thought necessary or useful in such a situation. The journals of both companies are preserved.

That of the men in Greenland takes notice, that on September 18th, the allowance of brandy began to be served out to each person. On October 9th they began to make a constant fire to sit by. About this time, it is remarked, that they experienced a considerable change in their bodies, with giddiness in their heads. They now and then killed a bear, but their common diet was salt meat. In March they were all very ill of the scurvy; and on April 16, the first man died, and all the rest were entirely disabled but one person. This poor wretch continued the journal till the last day of April, when they were praying for a speedy release from their miseries. They were all found dead.

The journal of those who were left at Spitzbergen recites, that they fought in vain for green herls bears and foxes in that desolate region; and killed no other game than one fox the whole time. The scurvy appeared among them as early as November 24th, and the first man died January 14; the journal ends Feb. 26th, and they were likewise all found dead.

VII Month, JULY, hath 31 Days.

IN bright effulgence, on his fiery car,
Rides the proud Sun, high in the vault of Heav'n,
And from his chariot sheds his beams afar,
To cheer the worlds that to his care are given.

Full ☉ 6th, 9h. 51m. Morn. | New ☽ 21st, 4h. 39m. Aft.
Last ☾ 13th, 1h. 6m. Aft. | First ☽ 29th, 1h. 38m. Mo.

D.	M.	D. W.	MISCELLANEOUS PARTICULARS.	☉		☽		♃		♄		♅	
				rises.	sets.	slow.	place.	sets.	H. M.	H. M.	M. S.	S. D.	H. M.
1		3	Rain.	4 36	7 24	3 20	♄ 1	0 19					
2		4	Visitation of V. Mary	4 36	7 24	3 32	15	0 46					
3		5	Clear.	4 37	7 23	3 43	30	1 19					
4		6	INDEPENDENCE	4 37	7 23	3 54	♄ 15	1 59					
5		7	☽ in perigee ☉ ⊙ ♃	4 37	7 23	4 5	30	2 51					
6		E	4th after Trinity	4 38	7 22	4 15	♄ 15	☽ rises					
7		2	Extremely hot.	4 38	7 22	4 25	30	8 57					
8		3	♃ sets 8 51	4 39	7 21	4 35	♄ 14	9 32					
9		4	A violent gust attended	4 39	7 21	4 44	28	10 1					
10		5	with rain and	4 40	7 20	4 53	♄ 12	10 24					
11		6	Spica ♃ sets 11 19	4 40	7 20	5 1	25	10 45					
12		7	heavy thunder.	4 41	7 19	5 9	♄ 8	11 6					
13		E	Days decrease 12m	4 41	7 19	5 16	20	11 27					
14		2	Very pleasant.	4 42	7 18	5 23	8 2	11 50					
15		3	Swithin	4 43	7 17	5 30	14	Morn.					
16		4	A fine growing season,	4 43	7 17	5 36	26	0 16					
17		5	☽ in apogee ☉ ⊙ ♃	4 44	7 16	5 41	II 8	0 47					
18		6	but	4 45	7 15	5 46	20	1 23					
19		7	very warm	4 45	7 15	5 50	♄ 2	2 6					
20		E	Margaret	4 46	7 14	5 54	14	3 1					
21		2	Refreshing	4 47	7 13	5 57	26	☽ sets					
22		3	Magdalen ☉ enters ♀	4 48	7 12	5 59	♀ 9	8 15					
23		4	showers.	4 49	7 11	6 1	21	8 45					
24		5	Arcturus sets 1 5	4 49	7 11	6 3	♄ 4	9 12					
25		6	St. James	4 50	7 10	6 4	17	9 35					
26		7	[♃'s elongation	4 51	7 9	6 4	30	9 58					
27		E	7th after Trinity	4 52	7 8	6 4	♄ 14	10 20					
28		2	Intensely hot and	4 53	7 7	6 3	28	10 45					
29		3	somewhat	4 54	7 6	6 2	♄ 11	11 15					
30		4	dry.	4 55	7 5	6 0	26	11 51					
31		5	Dog Days begin	4 56	7 4	5 57	♄ 10	Morn.					

Second Summer Month, JULY.

Days.	Planets' Places, &c.								♁ 's age.	♁ ^s lat.	Alioth on Mer.		
	☉	☿	♁	♂	♀	♃	♄	♅			D.	H.	M.
	♄	♃	♁	♂	♀	♁	♃						
1	10	24	9	12	14	30	23	24	10	1 S	6	6	
7	15	24	10	14	18	♁	♁	23	16	5 S	5	41	
13	21	24	11	15	22	15	14	23	22	0	5	16	
19	27	24	11	16	26	22	22	23	28	5 N	4	52	
25	♁	24	12	18	30	29	29	22	5	3 N	4	28	

D.	M.	H. W.	Phila.
H.	M.	H.	M.
1	7 31	9 19	
2	8 25	10 13	
3	9 24	11 12	
4	10 27	11 55	
5	11 34	0 39	
6	Morn	1 46	
7	0 39	2 51	
8	1 40	3 32	
9	2 35	4 47	
10	3 25	5 37	
11	4 10	6 22	
12	4 53	7 5	
13	5 34	7 46	
14	6 15	8 27	
15	6 58	9 10	
16	7 42	9 54	
17	8 29	10 41	
18	9 17	11 29	
19	10 9	0 9	
20	11 2	0 50	
21	11 54	1 42	
22	Aft. 44	2 32	
23	1 33	3 21	
24	2 20	4 8	
25	3 5	4 53	
26	3 50	5 38	
27	4 35	6 23	
28	5 23	7 11	
29	6 14	8 2	
30	7 10	8 58	
31	8 11	9 59	

Not many years after these unfortunate attempts, an accident gave rise to an experiment, the event of which was so entirely the reverse of these, that it merits very particular notice. On the same side of Spitzbergen, between lat. 77 and 78, a boat's crew, belonging to a Greenland ship, consisting of eight Englishmen, who had been sent on shore to kill deer, were left behind, in consequence of some mistakes, and reduced to the deplorable necessity of wintering in that dreadful country, totally unprovided with every necessary. From their narrative drawn up in that style of artless simplicity, which affords the strongest presumption of veracity, I shall extract the most material circumstances.

At their wintering place was fortunately a large substantial wooden building, erected for the use of the coopers belonging to the fishery. Within this they built a smaller one, which they made very compact and warm. Here they constructed four cabins, with comfortable deerkin beds: and they kept up a continual fire, which never went out for eight months. They were tolerably supplied with fuel from some old casks and boats which they broke up for the purpose. Thus provided with lodging, their principal care was about their subsistence. Before the cold weather set in, they killed a good number of deer, the greatest part of which they cut up, roasted and stowed in barrels; reserving some raw for their Sundays' dinners. This I imagine, must have been frozen, as it began to freeze sharply before they were settled in their habitation. This venison, with a few sea-horses and bears, which they killed from time to time, constituted their whole winter's provision, except a very unfavorable article they were obliged to make out with, which was whale's fritters, or the scraps of fat, after the oil has been pressed out. These, too, having been wetted and thrown in heaps, were mouldy. Their usual course of diet, then, for the first

VIII Month, AUGUST, hath 31 Days.

Be bounteous Heaven! and o'er our peaceful land,
 Let smiling plenty swell her joyous train;
 Reward the labour of industry's hand
 With the rich harvests of the fertile plain.

Full ☉ 4th, 5h. 38m. Aft. | New ☉ 20th, 5h. 16m. Mo.
 Last ☾ 12th, 5h. 42m. Mo. | First ☽ 27th, 7h. 1m. Mo.

D.	D.	MISCELLANEOUS PARTICULARS.	☉ rises.		☉ sets.		☉ slow.		☽'s place.		☽ sets.	
			H.	M.	H.	M.	M.	S.	S.	D.	H.	M.
1	6	Lammas-Day	4	57	7	3	5	54	♄	24	0	37
2	7	☉ in perigee	4	58	7	2	5	51	♃	9	1	36
3	E	8th after Trinity	4	59	7	1	5	46		24	2	43
4	2	7* ^s rise 11 10	5	0	7	0	5	41	☿	8	☉	rises
5	3	♂ ☉ ♀ Superior	5	1	6	59	5	36		23	7	59
6	4	Transfigu. ♂ ☉ ♀	5	2	6	58	5	30	♃	7	8	24
7	5	<i>Very warm.</i>	5	3	6	57	5	23		20	8	47
8	6	<i>Rain.</i>	5	4	6	56	5	16	♃	3	9	8
9	7	Aldebaran rises ☉ 13	5	5	6	55	5	8		16	9	29
10	E	Lawrence ☽ stationary.	5	6	6	54	4	59		38	9	52
11	2	<i>Sultry weather.</i>	5	7	6	53	4	50	♃	11	10	17
12	3	Spica ♃ sets 9 13	5	8	6	52	4	41		23	10	47
13	4	☉ in apogee	5	9	6	51	4	31	♂	4	11	22
14	5	<i>Rain, sharp lightning and very heavy thunder.</i>	5	10	6	50	4	20		16	Morn.	
15	6		5	11	6	49	4	8		28	☉	3
16	7		5	13	6	47	3	57	♂	10	0	53
17	E	10th after Trinity	5	14	6	46	3	44		22	1	50
18	2	<i>Clear and</i>	5	15	6	45	3	31	♂	5	2	52
19	3	7* ^s rise 10 11	5	16	6	44	3	18		48	4	1
20	4	<i>pleasant.</i>	5	17	6	43	3	4	♃	1	☉	sets
21	5	Altair south 9 38	5	19	6	41	2	49		14	7	42
22	6	<i>Soon expect a</i>	5	20	6	40	2	35		27	8	5
23	7	☉ enters ♃	5	21	6	39	2	19	♂	11	8	28
24	E	Barthol. ♂ ☉ ♀ inf.	5	22	6	38	2	4		24	8	57
25	2	<i>storm;</i>	5	23	6	37	1	48	♃	8	9	20
26	3	Sirius rises 3 14	5	25	6	35	1	31		22	9	56
27	4	<i>now it comes.</i>	5	26	6	34	1	14	♄	6	10	38
28	5	St. Augustine	5	27	6	33	0	57		21	11	31
29	6	☉ in perigee	5	28	6	32	0	40	♃	5	Morn.	
30	7	John Bapt. beheaded	5	30	6	30	0	22		19	0	36
31	E	<i>Pleasant.</i>	5	31	6	29	0	4	☿	3	1	49

Third Summer Month, AUGUST.

Days.	Planets' Places, &c.								♁ S. E. C.	♁'s lat.	Alioth on Mer.		
	☉	☽	♃	♄	♅	♆	♇	♁			D.	H.	M.
	♌	♍	♎	♏	♐	♑	♒	♓					
1	9	25	13	19	4	8	6	22	11	5 S	4	1	
7	15	25	17	21	7	15	9	22	17	3 S	3	38	
13	21	25	15	22	10	23	9	21	23	4 N	3	16	
19	26	26	15	23	13	♏	6	21	29	4 N	2	53	
25	♏	26	16	24	16	8	0	21	6	2 S	2	31	

D. M.	H. W.		Phil.	three months, was one meal of venison every day in the week, except Wednesdays and Fridays, when they kept fast on whale fritters. At the end of this period, on examining their stock, they found it would not hold out at this rate, and therefore retrenched their venison meals to three days in the week, and appeased their hunger, as well as they could, on the other four days with mouldy fritters. At the approach of spring, they had the good fortune to kill several white bears, which proved excellent food; and, together with wild fowl and foxes which they caught, rendered it unnecessary any longer to stint themselves to so rigorous an allowance; so that they eat two or three meals of fresh meat daily, and soon improved in strength and vigour. Their only drink during this whole time was running water procured from beneath the ice on the beach, till January; and afterwards snow water melted by hot irons. The cold in the midst of winter was extreme. It raised blisters in the flesh; and when they went abroad, they became sore all over, as if beaten. Iron on being touched stuck to their fingers, like bird-lime. The melancholy of their situation was aggravated by the absence of the sun from the horizon, from October 14 to February 3d, of which period, twenty days were passed in total darkness, except the light of lamps, which they continued to keep constantly burning. With all this, it does not appear that any of them were affected with the scurvy, or any other disorder, and the degree of weakness, which seems implied by the mentioning their recovering strength in the spring, may be sufficiently accounted for, merely from their short allowance of nutritious food; at the return of the ships on May 25th, they all appeared to have been in health, and all returned in safety to their native country.
	h. m.	h. m.		
1	9 15	11 3	South	three months, was one meal of venison every day in the week, except Wednesdays and Fridays, when they kept fast on whale fritters. At the end of this period, on examining their stock, they found it would not hold out at this rate, and therefore retrenched their venison meals to three days in the week, and appeased their hunger, as well as they could, on the other four days with mouldy fritters. At the approach of spring, they had the good fortune to kill several white bears, which proved excellent food; and, together with wild fowl and foxes which they caught, rendered it unnecessary any longer to stint themselves to so rigorous an allowance; so that they eat two or three meals of fresh meat daily, and soon improved in strength and vigour. Their only drink during this whole time was running water procured from beneath the ice on the beach, till January; and afterwards snow water melted by hot irons. The cold in the midst of winter was extreme. It raised blisters in the flesh; and when they went abroad, they became sore all over, as if beaten. Iron on being touched stuck to their fingers, like bird-lime. The melancholy of their situation was aggravated by the absence of the sun from the horizon, from October 14 to February 3d, of which period, twenty days were passed in total darkness, except the light of lamps, which they continued to keep constantly burning. With all this, it does not appear that any of them were affected with the scurvy, or any other disorder, and the degree of weakness, which seems implied by the mentioning their recovering strength in the spring, may be sufficiently accounted for, merely from their short allowance of nutritious food; at the return of the ships on May 25th, they all appeared to have been in health, and all returned in safety to their native country.
2	10 19	11 47	h. m.	
3	11 22	0 31	h. m.	
4	Morn	1 34	Morn	
5	0 20	2 32	h. m.	
6	1 13	3 25	h. m.	
7	2 0	4 12	h. m.	
8	2 45	4 58	h. m.	
9	3 28	5 40	h. m.	
10	4 10	6 22	h. m.	
11	4 53	7 5	h. m.	
12	5 37	7 49	h. m.	
13	6 24	8 36	h. m.	
14	7 12	9 24	h. m.	
15	8 3	10 15	h. m.	
16	8 56	11 8	h. m.	
17	9 48	11 48	h. m.	
18	10 40	0 28	h. m.	
19	11 31	1 19	h. m.	
20	Aft. 18	2 6	Aft.	
21	1 5	2 53	h. m.	
22	1 51	3 39	h. m.	
23	2 37	4 25	h. m.	
24	3 25	5 13	h. m.	
25	4 15	6 3	h. m.	
26	5 10	6 58	h. m.	
27	6 18	7 56	h. m.	
28	7 10	8 58	h. m.	
29	8 13	10 1	h. m.	
30	9 15	11 3	h. m.	
31	10 13	11 44	h. m.	

IX Month, SEPTEMBER, hath 30 Days.

'TIS past! no more the summer blooms!
 Ascending in the rear,
 Behold congenial Autumn comes,
 The Sabbath of the year!

Full ☉ 3d, 3h. 39m. Morn. | New ☾ 18th, 5h. 2m. Aft.
 Last ☾ 11th, 0h. 6m. Mo. | First ☽ 25th, 0h. 37m. Aft.

D.	M.	D.	W.	MISCELLANEOUS PARTICULARS.	☉		☽		♃'s		♄'s			
					rises.	sets.	fast.	place.	sets.	H.	M.			
					H.	M.	M.	S.	S.	D.	H.	M.		
1		2		High winds.	5	42	6	28	0	15	☾	17	3	5
2		3		7* ^s rise 9 22	5	33	6	27	0	34	☾	1	4	19
3		4		☽ stationary	5	35	6	25	0	53	15			Rises.
4		5		Perhaps a little	5	36	6	24	1	12	18		7	17
5		6		rain.	5	37	6	23	1	31	☽	11	7	39
6		7		♂ South 4 13	5	38	6	22	1	51	24		8	1
7		E		Dog Days end	5	40	6	20	2	11	8	6	8	25
8		2		Nativity of V. Mary	5	41	6	19	2	31	18		8	53
9		3		Clear and pleasant.	5	42	6	18	2	52	30		9	26
10		4		☉ in apogee	5	44	6	16	3	12	☽	12	10	4
11		5		[♀'s elongation	5	45	6	15	3	33	24		10	51
12		6		A shower and perhaps	5	46	6	14	3	54	☽	6	11	45
13		7		a little thunder.	5	47	6	13	4	14	18			Morn.
14		E		7* ^s rise 8 40	5	49	6	11	4	35	30		0	45
15		2		Clear and fresh	5	50	6	10	4	57	☽	13	1	50
16		3		northwesterly winds.	5	51	6	9	5	18	26		3	0
17		4		Lambert	5	53	6	7	5	39	☽	9	4	8
18		5		Aldebaran rises 9 42	5	54	6	6	6	0	22			Sets.
19		6		Gathering for a storm.	5	55	6	5	6	21	☽	6	6	40
20		7		♂ ⊕	5	57	6	3	6	42	20		7	4
21		E		St. Matthew	5	58	6	2	7	3	☽	4	7	31
22		2		☽ in perigee	5	59	6	1	7	24	19		8	5
23		3		☉ enters ♌	6	0	6	0	7	45	♂	3	8	45
24		4		Now expect a violent	6	2	5	58	8	5	17		9	35
25		5		northeasterly storm	6	3	5	57	8	26	☽	2	10	35
26		6		Cyprian	6	4	5	56	8	46	16		11	46
27		7		attended with high	6	6	5	54	9	6	30			Morn.
28		E		chilling winds.	6	7	5	53	9	26	☽	13	1	0
29		2		St. Michael	6	8	5	52	9	45	27		2	14
30		3		St. Jerome	6	10	5	50	10	4	☽	11	3	27

First Fall Month, SEPTEMBER.

Days.	Planets' Places, &c.								Age.	☉'s lat.	Alioth on Mer.		
	☉	☊	♃	♄	♅	♆	♇	♈			D.	H.	M.
	☉	☊	♃	♄	♅	♆	♇	♈					
1	9	27	17	26	19	16	26	20	12	5 S	2	6	
7	15	27	18	27	21	24	27	20	18	2 N	1	44	
13	21	27	18	28	22	♁	☉	20	24	5 N	1	23	
19	26	28	19	29	24	9	13	19	2	1 N	1	1	
25	♁	28	20	20	25	16	23	19	8	5 S	0	40	

INDIAN RETALIATION.

D.	M.	H. W.	
		South	Phila.
		H.	M.
1	II	6	0 25
2	II	56	1 18
3	Morn	2	8
4	0	43	2 55
5	1	28	3 40
6	2	11	4 23
7	2	54	5 6
8	3	38	5 50
9	4	24	6 36
10	5	12	7 24
11	6	2	8 14
12	6	54	9 6
13	7	46	9 58
14	8	38	10 50
15	9	29	11 41
16	10	19	0 19
17	II	6	0 54
18	II	53	1 41
19	Aft.	40	2 28
20	1	28	3 16
21	2	19	4 7
22	3	14	5 2
23	4	12	6 0
24	5	13	7 1
25	6	15	8 3
26	7	17	9 5
27	8	15	10 3
28	9	9	10 57
29	9	59	11 47
30	10	46	0 23

ABOUT 40 years ago, when these Americans did not know the Europeans, a traveller penetrated into their country, made them acquainted with fire arms, and sold them muskets and gun powder: they went a hunting and got great plenty of game, and of course many furs. Another traveller went thither some time after with ammunition; but the Indians being still provided, they did not care to bargain with the Frenchman, who invented a very odd trick in order to sell his powder without much troubling his head with the consequences that might result from his imposture, to his countrymen. He thought he had done a great action in deceiving these poor people.

As the Indians are naturally curious, they were desirous of knowing how powder, which they call grain, was made in France. The traveller made them believe that it was sown in savannas, and that they had crops of it as of indigo or millet in America. The Missouris were pleased with the discovery, and sowed all the gun-powder which they had left, which obliged them to buy that of the Frenchman, who got a considerable quantity of beaver skins for it and afterwards went down the river to the Illinois, where M. de Tonti commanded.

The Missouris went from time to time to the savanna, to see if the powder was growing; they had placed a guard there to hinder the wild beasts from spoiling the field; but they soon found out the Frenchman's trick; It must be observed that the Indians can be deceived but once, and they always remember it. Accordingly they were resolved to be revenged upon the first Frenchman that should come to them. Soon after, the hopes of profit excited the traveller to send his partner to the Missouris, with goods proper for commerce; the indians soon found out that this Frenchman was associated with the man who had imposed upon them; however, they dissembled the

X Month, OCTOBER, hath 31 Days.

In fading grandeur, lo the trees,
 Their tarnish'd honor shed;
 While ev'ry leaf compelling breeze
 Lays their dim verdure dead.

Full ☉ 2d, 4h. 45min. Aft. | New ☽ 18th, 4h. 11m. Morn.
 Last ☾ 10th, 7h. 10m. Aft. | First ☽ 24th, 7h. 48m. Aft.

D.	M.	D.	W.	MISCELLANEOUS PARTICULARS.	☀	☀	☀	☽'s		☽
					rises.	sets.	fast.	place.	sets.	
					H. M.	H. M.	M. S.	S. D.	H. M.	
1		4		<i>Pleasant weather.</i>	6 11	5 49	10 24	♄ 24		4 36
2		5		☽ eclipsed, invisible	6 12	5 48	10 42	♃ 7		☽ rises
3		6		♁ Stationary.	6 14	5 46	11 0		19	6 12
4		7		<i>Cool nights</i>	6 15	5 45	11 18	♃ 2		6 36
5		E		<i>and mornings.</i>	6 16	5 44	11 36		14	7 2
6		2		♁ f. 2 42 ☽ ☉ & sup.	6 17	5 43	11 54		26	7 33
7		3		<i>Dry weather.</i>	6 19	5 41	12 10	♂ 8		8 9
8		4		☽ in apogee.	6 20	5 40	12 27		20	8 52
9		5		<i>Soon expect</i>	6 21	5 39	12 43	♁ 2		9 42
10		6		<i>Rain.</i>	6 23	5 37	12 59		14	10 40
11		7		☽ rises ☉ 1	6 24	5 36	13 14		26	11 42
12		E		<i>Perhaps frost.</i>	6 25	5 35	13 29	♁ 8		Morn.
13		2		Aldebaran rises 8 13	6 27	5 33	13 43		21	0 48
14		3		<i>Pleasant for the</i>	6 28	5 32	13 57	♃ 4		1 55
15		4		<i>season.</i>	6 29	5 31	14 10		17	3 4
16		5		<i>Days 11 ☉</i>	6 30	5 30	14 23	♁ 1		4 14
17		6		<i>High winds.</i>	6 32	5 28	14 35		15	5 26
18		7		St. Luke ☉ eclipsed	6 33	5 27	14 46		29	☽ sets
19		E		<i>Cloudy.</i>	6 34	5 26	14 57	♂ 14		6 10
20		2		☽ in perigee	6 35	5 25	15 8		28	6 47
21		3		<i>Soon expect</i>	6 37	5 23	15 17	♁ 13		7 36
22		4		<i>smart frosts.</i>	6 38	5 22	15 26		28	8 34
23		5		☉ enters ♁	6 39	5 21	15 34	♃ 12		9 42
24		6		<i>Chilly.</i>	6 40	5 20	15 42		26	10 56
25		7		<i>Crispin.</i>	6 42	5 18	15 49	♁ 10		Morn.
26		E		☉ ☽ ♁	6 43	5 17	15 55		24	0 11
27		2		<i>Cold weather</i>	6 44	5 16	16 0	♃ 7		1 23
28		3		Simon and Jude.	6 45	5 15	16 4		20	2 32
29		4		Aldebaran rises 7 13	6 47	5 13	16 8	♃ 3		3 29
30		5		<i>comes on</i>	6 48	5 12	16 11		16	4 43
31		6		<i>a pace.</i>	6 49	5 11	16 13		28	5 46

Second Fall Month, OCTOBER.

Days.	Planets' Places, &c.								D's age.	D's lat.		Alioth on Mer.	
	☉	☿	♁	♃	♄	♅	♆	♇		D.	H.	M.	
1	8	29	20	1	25	24	4	19	14	2 S	0	18	
7	14	29	21	2	25	♄	15	18	20	4 N	11	52	
13	20	29	22	2	24	8	25	18	26	4 N	11	30	
19	26	30	22	3	23	16	♄	18	2	2 S	11	8	
25	♄	30	22	3	22	23	14	17	8	5 S	10	45	

D.	M.	H. W.	
		South	Phila.
1	II	31	0 58
2	Morn		1 43
3	0	14	2 26
4	0	57	3 9
5	I	41	3 53
6	2	26	4 38
7	3	14	5 26
8	4	3	6 15
9	4	54	7 6
10	5	45	7 57
11	6	27	8 49
12	7	28	9 40
13	8	17	10 29
14	9	4	11 16
15	9	51	11 51
16	10	38	0 26
17	11	26	1 14
18	Aft.	16	2 4
19	1	10	2 58
20	2	8	3 56
21	3	11	4 59
22	4	15	6 3
23	5	17	7 5
24	6	17	8 5
25	7	12	9 0
26	8	3	9 51
27	8	50	10 38
28	9	34	11 22
29	10	16	11 55
30	10	58	0 28
31	11	41	1 10

trick which his predecessor had played. They gave him the public hut which was in the middle of the village, to deposit his bales in, when they were all laid out to view, the Missouri came in, confusedly and all those who had been foolish enough to sow gun-powder, took away some goods; so the poor Frenchman was rid of all his bales at once, but without any equivalent from the Indians. He complained much of these proceedings and laid his grievance before the Great Chief, who answered him very gravely, that he should have justice done him; but for that purpose he must wait for the *gun powder harvest*, his subjects having sown that commodity by the advice of his countryman, and that he might believe upon the word of a sovereign, that after the harvest was over, he would order a general hunt, and that all the skins of wild beasts that should be taken, would be given him in return for the important secret which had been taught them.

THE RAGOON.

A brace of gentlemen, now respectable farmers of Dauphin county [Pennsylvania] one pleasant night when the moon shone forth in all its splendid glory, took a tour in the woods, in company with their dog (a very excellent dog he was too, says the re-later) to hunt Racoons. They had not penetrated far ere they descried one of the animals they were in search of, which they immediately shot. As the weather proved intensely warm, and they expecting to be abroad sometime, it was concluded not worth while to keep the game, they therefore took the skin off and threw the carcase away. They continued scouring the woods during the greatest part of the night, with but indifferent success; at last, however, they observed their dog had discovered something which, by his constant howling, induced the gentlemen to go to him. They found, on their coming up, their faithful servant attentively watching

XI Month, NOVEMBER, hath 30 Days.

Ere while they shod a vigorous length,
Of flowers, and fruit, and green;
Now, shorn of beauty and of strength,
They stand a shattered scene.

Full ☉ 1st, 8h. 58min. Morn. | New ☾ 6th, 2h, 49min. Aft.
Last ☽ 9th, 1h. 37min. Aft. | First ☽ 23d, 5h. 44m. Morn.

D.	M.	D. W.	MISCELLANEOUS PARTICULARS.	☀		☽		☾		♃		♄	
				rises.	sets.	ful.	place.	rises.	sets.	rises.	sets.		
				H. M.	H. M.	M. S.	S. D. H.	H. M.					
1		7	All Saints.	6 50	5 10	16 15	8 10		5	8			
2	E		☽ rises 0 22	6 51	5 9	16 15	23		5	37			
3		2	Cloudy and	6 53	5 7	16 15	II 5		6	11			
4		3	perhaps rain.	6 54	5 6	16 14	16		6	50			
5		4	☽ in apogee.	6 55	5 5	16 12	28		7	38			
6		5	Hard frosts.	6 56	5 4	16 9	26 10		8	32			
7		6	☽ rises 10 25.	6 57	5 3	16 6	22		9	32			
8		7	☽ ☉ ☽	6 58	5 2	16 1	Ω 4		10	34			
9	E		3d in Advent.	6 59	5 1	15 56	16		11	39			
10		2	Raw disagreeable	7 0	5 0	15 50	29		Morn.				
11		3	Martin.	7 1	4 59	15 44	11		0	46			
12		4	weather.	7 2	4 58	15 36	25		1	53			
13		5	☽ south 11 33	7 3	4 57	15 28	8		3	3			
14		6	Perhaps snow	7 4	4 56	15 18	22		4	16			
15		7	☽ ☉ ☽	7 5	4 55	15 8	11 7		5	31			
16	E		squalls.	7 6	4 54	14 57	22		☽ sets.				
17		2	☽ in perigee	7 7	4 53	14 45	7		5	22			
18		3	Cold and	7 8	4 52	14 33	22		6	17			
19		4	Sirius south 2 59	7 9	4 51	14 17	7		7	25			
20		5	cloudy.	7 10	4 50	14 5	22		8	39			
21		6	☽ stationary ☽'s elon.	7 11	4 49	13 50	7		9	57			
22		7	☽ enters ♃	7 12	4 48	13 34	21		11	11			
23	E		Clement	7 13	4 47	13 17	4		Morn.				
24		2	Smart frosts.	7 14	4 46	12 59	17		0	23			
25		3	☽ south 4 21	7 14	4 46	12 41	30		1	29			
26		4	Pleasant.	7 15	4 45	12 22	13		2	32			
27		5	Likely for a storm.	7 16	4 44	12 2	25		3	35			
28		6	☽'s south 11 16	7 17	4 43	11 41	8 7		4	37			
29		7	[☽ station.	7 17	4 43	11 20	19		5	39			
30	E		Advent St. Andrew.	7 18	4 42	10 58	11		6	42			

Third Fall Month, NOVEMBER.

Days.	Planets' Places, &c.								sage.	☉'s		Alioth	
	☉	☽	♃	♄	♅	♆	♇	♈		lat.	on Mer.		
	♌	♍	♎	♏	♐	♑	♒	D.		H.	M.		
1	9	0	23	4	19	2	24	17	15	2 N	10	18	
7	15	1	23	4	17	9	♄	17	21	5 N	9	54	
13	21	1	24	4	15	17	11	16	27	1 N	9	30	
19	27	1	24	5	13	24	19	16	4	5 S	9	5	
25	♄	1	24	5	11	♅	25	16	10	2 S	8	40	

D.	M.	H. W.	Phil.	<p>an old log, in which he made his master understand, as well as he knew how, was contained something worth his investigation. They began immediately to make incisions in various parts of the log, when lo! to the astonishment of even poor dog himself, out ran the very racoon, whose hide they already had in their possession.</p>
		Morn	1 53	
		0 25	2 37	
		1 12	3 24	
		2 0	4 12	
		2 50	5 2	
		3 41	5 53	
		4 33	6 45	
		5 23	7 35	
		6 10	8 22	
		6 57	9 9	
		7 43	9 55	
		8 27	10 39	
		9 14	11 26	
		10 2	0 2	
		10 53	0 41	
		11 50	1 38	
		Aft 51	2 39	
		1 56	3 44	
		3 3	4 51	
		4 6	5 54	
		5 5	6 53	
		5 58	7 46	
		6 46	8 34	
		7 30	9 18	
		8 12	10 0	
		8 53	10 41	
		9 35	11 23	
		10 18	11 56	
		11 3	0 30	
		11 50	1 15	

Extraordinary Sagacity of New-England Bed-bugs.
A Gentleman from the southward, some time since, travelling thro New-England stopped a number of days at an inn in Connecticut, where, for several nights, he experienced the most assiduous attention from a host of hungry bed-bugs. After a number of attempts to get rid of these friendly visitants, it was discovered that their retreats were in the cracks and crevices of the ceiling. The gentleman, after having his bed-head well cleaned and fresh bed-cloaths prepared, fell upon the following expedient as the last effort to secure his nocturnal peace:
On going to bed he called for a jug of molasses, and drawing his bed-head into the middle of the chamber, he, with his jug, made, on the floor, a complete ring of molasses round his bed. After laying himself down a few minutes, and anticipating the sweets of undisturbed repose in his fancied security, he observed the bugs musing from their several retreats and making towards the object of their affection. On arriving at the ring, they immediately stopped and then proceeded to reconoitre, when, finding themselves cut off by this impassable barrier, they retraced their steps to the ceiling, ascended its sides, and marching to the centre of the wall, directly over the bed, whence they deliberately dropped down, one by one, upon the poor out-witted traveller, and soon convinced him, that in yankee tricks he was still inferior to a New-England Bed-bug.

Command you may your mind

XII Month, DECEMBER, hath 31 Days.

Behold the mountains white with snow,
 And white the vallies all below—
 The Forrest nodding to the ground,
 And firm in ice the rivers bound.

Full ☉ 1st, 3h. 23min. Morn. | New ☉ 16th, 1h. 4m. Mo.
 Last ☾ 9th, 6h. 13min. Mo. | First ☽ 22d, 7h. 16m. Aft.
 Full ☉ 30th, 1ch. 36min. Afternoon.

D.	M.	D. W.	MISCELLANEOUS PARTICULARS.	☉ rises.		☉ sets.		☉ fast.		☽ place.		☽ rises.	
				H.	M.	H.	M.	M.	S.	S.	D.	H.	M.
1		2	Clear and pleasant.	7	19	4	41	10	35	II	13	4	43
2		3	☽ in Apogee	7	19	4	41	10	12		25	5	27
3		4	Squally.	7	20	4	40	9	48	☽	7	6	19
4		5	☽ stationary	7	21	4	39	9	24		19	7	17
5		6	High winds.	7	21	4	39	8	59	☾	1	8	17
6		7	☽ south 3 31	7	22	4	38	8	33		13	9	21
7		E	Smart frosts.	7	22	4	38	8	7		25	10	24
8		2	Concep. of V. Mary	7	22	4	38	7	40	☽	7	11	29
9		3	7*'s south 10 28	7	23	4	37	7	14		20		Morn.
10		4	☽ ☉ inferior.	7	23	4	37	6	46	☽	3	0	35
11		5	☽ stationary	7	24	4	36	6	18		17	1	42
12		6	Perhaps snow ☽	7	24	4	36	5	50	m	1	2	54
13		7	Sirius rises 8 11	7	24	4	36	5	22		15	4	11
14		E	Rain about this time.	7	25	4	35	4	53		30	5	31
15		2	Northern lights.	7	25	4	35	4	24	☽	15	6	53
16		3	☽ in perigee	7	25	4	35	3	55		30		sets.
17		4	Clear and cold.	7	25	4	35	3	26	☽	16	6	3
18		5	☽ south 2 35	7	25	4	35	2	56	☽	1	7	23
19		6	Cloudy.	7	25	4	35	2	26		16	8	42
20		7	☽ stationary	7	25	4	35	1	56		30	9	57
21		E	St. Thos. ☉ ent. ☽	7	25	4	35	1	26	☽	14	11	6
22		2	Moderate, then comes	7	25	4	35	0	56		27		Morn.
23		3	Arcturus rises 0 47	7	25	4	35	0	26	☽	10	0	12
24		4	Very cold weather.	7	25	4	35	flow	4		22	1	15
25		5	CHRISTMAS.	7	25	4	35	0	34		8	2	18
26		6	St. Stephen	7	25	4	35	1	4		17	3	21
27		7	St. John	7	25	4	35	1	34		28	4	22
28		E	Innocents	7	25	4	35	2	3	II	10	5	23
29		2	☽ in apogee	7	24	4	36	2	33		22	6	22
30		3	☽'s elongation.	7	24	4	36	3	2	☽	4		Rises
31		4	Silvester.	7	24	4	36	3	31		16	4	59

When I was born... 1702... 1703... 1704... 1705... 1706... 1707... 1708... 1709... 1710... 1711... 1712... 1713... 1714... 1715... 1716... 1717... 1718... 1719... 1720... 1721... 1722... 1723... 1724... 1725... 1726... 1727... 1728... 1729... 1730... 1731... 1732... 1733... 1734... 1735... 1736... 1737... 1738... 1739... 1740... 1741... 1742... 1743... 1744... 1745... 1746... 1747... 1748... 1749... 1750... 1751... 1752... 1753... 1754... 1755... 1756... 1757... 1758... 1759... 1760... 1761... 1762... 1763... 1764... 1765... 1766... 1767... 1768... 1769... 1770... 1771... 1772... 1773... 1774... 1775... 1776... 1777... 1778... 1779... 1780... 1781... 1782... 1783... 1784... 1785... 1786... 1787... 1788... 1789... 1790... 1791... 1792... 1793... 1794... 1795... 1796... 1797... 1798... 1799... 1800

from folio

First Winter Month, DECEMBER.

Days.	Planets' Places, &c.								☉ sag.	☉ lat.	Alioth		
	☉	☊	♃	♄	♅	♆	♇	♈			D.	on Mer.	
	♁	♂	♆	♅	♄	♃	♂	H.				M.	
1	9	2	24	4	10	9	27	16	16	4 N	8	14	
7	15	2	24	4	10	17	23	15	22	4 N	7	48	
13	22	2	24	4	9	24	15	15	28	2 S	7	22	
19	28	2	24	3	10	♁	10	15	4	4 S	6	55	
25	♁	2	24	3	11	9	12	14	10	2 N	6	29	

D. M.	H. W.	
	fouth.	Phila.
	H. M.	H. M.
1	Morn	2 2
2	0 40	2 52
3	1 30	3 42
4	2 21	4 33
5	3 11	5 23
6	3 58	6 16
7	4 45	6 57
8	5 29	7 41
9	6 12	8 24
10	6 56	9 8
11	7 40	9 52
12	8 28	10 40
13	9 21	11 33
14	10 19	0 19
15	11 22	1 10
16	Aft. 29	2 17
17	1 36	3 24
18	2 39	4 27
19	3 36	5 24
20	4 28	6 16
21	5 15	7 3
22	5 58	7 46
23	6 40	8 28
24	7 22	9 10
25	8 5	9 53
26	8 48	10 36
27	9 35	11 23
28	10 23	11 59
29	11 13	0 35
30	Morn	1 25
31	0 4	2 16

RETALIATION.

A short time since, a young fellow who paid his addresses to a lady, carried things so far, as not only to be asked at church, but to stop short in the marriage ceremony, by answering No! to the important question of, *Wilt thou have this woman to thy wedded wife?*—Outraged at this affront, the young lady thought of revenging the insult by silent contempt; but she had not long retired to her father's house, before the young gentleman, who found the want of much pleasure and entertainment in the loss of her conversation, made several concessions and apologies, and regained the leave of visiting her as usual. Still he did not intend marriage, but though this was kept a secret from the lady in their first interview, she did not fail to reproach him handsomely for his conduct; and at the same time proposed, that to make proper amends for the affront she had received, he should again approach the altar, and voluntarily give her the same opportunity of refusing him, as he had made use of in rejecting her. This proposal was accepted; but much to his surprize, her answer to "Wilt thou have this man to thy wedded husband?" was, *I will*, instead of a negative; so that the gallant was married in spite of his own subtlety.

A safe and easy cure for a broken winded Horse.

A Broken winded horse had been kept in a field where there was not any water, except in the bottom of an old lime-kiln, and had recovered his wind; the owner ordered a stable shovel full of quick-lime to be renewed every five or six days, and the water to be poured off, and a bucket of it given every day to a broken-winded coach horse, aged eighteen years, which had almost a constant cough. The horse was supplied with water thus prepared for about 5 weeks, and kept in the stable, when he was perfectly recovered from the cough.

A NEW TABLE OF HIGH WATER AT THE FOLLOWING PLACES.

<i>Names of Places.</i>			<i>Names of Places.</i>		
Albany	A	1 5	Kingston (Esopus)	A	0 35
Amboy	A	6 15	Main Ocean	A	6 15
Annapolis (Mar.)	A	5 0	Nantucket	A	5 30
Annapolis (N. S.)	S	2 25	Newbury-Port	S	2 40
Boston	S	3 10	New-Haven	S	3 35
Bridgetown (E. Jer.)	S	5 30	New-London	S	5 25
Brunswick (N. Car.)	S	5 25	New-Providence	A	5 35
Burlington	S	5 25	Newtown Landing	S	4 25
Cap-Ann	S	2 40	New-York	S	5 23
Cape-Canso	A	6 30	Penobscot	S	2 25
Cape-Fear	A	5 50	Piscataway	S	2 45
Cape-Hatteras	S	3 25	Plymouth	S	3 50
Cape-Henlopen	S	3 25	Polepel's Island	S	2 25
Cape-Henry	S	3 25	Port-Roseway	A	6 15
Cape-May	A	6 15	Port-Royal (S. C.)	S	5 55
Casco-Bay	S	3 10	Portsmouth	S	2 40
Charleston Light-house	}	A 5 0	Providence	A	6 17
Cockspur, in Georgia			}	S 5 25	Perryburgh (S. C.)
Elizabeth-Town Point	}	S 5 25			Quebec
Fairfield			S	3 25	Reedy-Island
Georgetown-Bar	A	4 40	Rhode-Island	A	6 15
Guildford	S	3 55	Salem	S	2 40
Hackenfack	S	2 25	Sandwich-Bay	S	5 25
Halifax	S	2 25	Sandy-Hook	A	6 15
Hartford	S	3 5	Savannah	A	5 48
Hell-Gate	S	4 55	Saybrook	S	3 10
Huntington	S	3 25	Sunbury (Georgia)	S	4 55
Ipswich	S	2 40	Tarpaulen-Cove	S	5 25
Jamestown	S	4 35	Tybee-Bar	S	5 10
			White Stone	S	2 40
			Williamsburg (Vir.)	S	3 10

N. B. The 3d column of the pages opposite the calendars, containing the time of high-water at Philadelphia, exhibits also the time of high-water at Wilmington in Delaware state, and by adding thereto and subtracting therefrom the annexed quantities of time, we have the time of high water at the places above enumerated. A shews the quantities of time to be added—S subtracted.

Governor & Commander in Chief of the State of New-Jersey,

RICHARD HOWELL, ESQUIRE.

MEMBERS OF COUNCIL AND ASSEMBLY.

Bergen. Council, John Outwater. Assembly, Peter Ward, Thomas Blanch, John Dey.

Essex. Council, Daniel Marsh. Assembly, William S. Pennington, Abraham Speer, Charles Clark.

Middlesex. Council, Ephraim Martin. Assembly, Gershom Dunn, Benjamin Manning, John Combes.

Monmouth. Council, Asher Holmes. Assembly, Joseph Stillwell, William Lloyd, Edward Taylor.

Somerset. Council, Peter DeVroom. Assembly, Henry Southard, James Van Duyn, William M^eEowen,

Burlington. Council, George Anderson, *vice-president.* Assembly, Wm. Coxe, jun. *speaker,* Job Lippencott, Wm. Stockton, Wm. Pearson.

Gloucester. Council, Thomas Clark. Assembly, Joshua L. Howell, Samuel W. Harrison, Thomas Wilkins.

Salem. Council, William Parret. Assembly, Isaac Mofs, Joseph Shinn, artis Seagrave.

Cape-May. Council, John Townsend. Assembly, Abijah Smith.

Hunterdon. Council, John Lambert. Assembly, Joseph Hankinson, Stephen Burrowes, John Haas, John Lequear.

Morris. Council, Abraham Kitchel. Assembly, Wm. Corwin, Cornelius Voorheese, William Campfield.

Cumberland. Council, Samuel Ogden. Assembly, Jonathan Bowen, George Burgen.

Suffex. Council Charles Beardsee. Assembly, Levi Howell, Joseph Gaston, William M Cullough, Silas Dickerson.

JOHN BEATTY, Secretary of Council.

MASKELL EWING, Clerk of assembly.

Officers in the Court of Chancery of New-Jersey.

CHANCELLOR, THE GOVERNOR

Masters—Frederic Frelinghuysen, Andrew Kirkpatrick, Richard Snowden, Jos. Read, Gershom Craft, Jona. Elmer, Thos. P. Johnson, Isaac H. Williamson, Caleb Lloyd. *Register and Clerk,* Gershom Craft.

Examiners, Gershom Craft, Isaac H. Williamson.

Justices of the Supreme Court.

James Kinsey, Chief-justice. Isaac Smith, second justice. Andrew Kirkpatrick, 3d justice, Elisha Boudinot, 4th justice.

Aaron D. Woodhuff, Attorney General.

John Beatty, Secretary of the State.

James Salter, Treasurer.

Jonathan Rhea, Clerk of the Supreme Court.

A List of CLERKS, SURROGATES & SHERIFFS,
of the different Counties.

COUNTY OF	CLERKS.	SURROGATES.	SHERIFFS.
<i>Bergen,</i>	Nehemiah Wade	Nehemiah Wade	Alb.C.Zabriskie
<i>Essex,</i>	Aaron Ogden	A. C. Macwhorter	Thomas Ward
<i>Middlesex,</i>	William Dunham	Anth. W. White	Robert Ross
<i>Monmouth,</i>	Joseph Scudder	Caleb Lloyd	Samuel Forman
<i>Somerset,</i>	J. Frelinghuysen	John Mehelm	Joseph Doty

<i>Burlington,</i>	Jos. McIlvaine	William Griffiths	John Bispham
<i>Gloucester,</i>	Elisba Clark	Elisba Clark	Joseph Hugg
<i>Salem,</i>	Clement Acton	Samuel Dick	John Tuft
<i>Cape-May,</i>	Jeremiah Hand	Ebenezer Newton	Jacob Godfrey
<i>Hunterdon,</i>	L. W. Stockton	Jacob Benjamin	Geo. Holcombe
<i>Morris,</i>	Caleb Russell	Jabez Campfield	Israel Canfield
<i>Cumberland,</i>	James Giles	Jonathan Elmer	Jerem. Bennet
<i>Suffex,</i>	Charles Rhodes	Thomas Anderfon	C. Pemberton

F E D E R A L C O U R T S.

THE SUPREME COURT IS HELD,

At the Seat of Government, the first Monday in February and Aug.

THE CIRCUIT COURTS ARE HELD,

FOR New-Jersey, on the first of April and first of October, at Trenton:—For Pennsylvania, on the eleventh of April and eleventh of October, at Philadelphia and York-Town. When either of these days fall on Sunday the courts are held on the day following.

THE DISTRICT COURTS ARE HELD,

For New-Jersey, on the first Tuesday in February, May, August and November, alternately, at New-Brunswick and Burlington, beginning with New-Brunswick—For Pennsylvania, on the second Tuesdays of February, May, August and November, at Philadelphia.

N E W - J E R S E Y.

Courts of Errors of the Governor and Council, are held,

At Trenton, on the first Tuesday in November and the third Tuesday in May, annually.

Supreme Courts are held,

At Trenton, on the second Tuesdays of May and November, the first Tuesday in September, and the last Tuesday in February.

CIRCUIT COURTS,

Are held, in the several Counties, on the following Tuesdays:

<i>Bergen,</i>	4 March	4 October
<i>Essex,</i>	2 April	3 September
<i>Middlesex,</i>	2 June	3 December
<i>Monmouth,</i>	4 April	3 October
<i>Somerset,</i>	3 April	1 October
<i>Burlington,</i>	3 May	1 November
<i>Gloucester,</i>	3 March	1 October
<i>Salem,</i>	2 June	1 December
<i>Hunterdon,</i>	1 May	4 October
<i>Morris,</i>	3 March	4 September
<i>Cumberland,</i>	1 June	last November
<i>Suffex,</i>	4 May	4 November
<i>Cape May,</i>	last May	

The clerks of the several counties are the clerks of the circuit courts.

Inferior Courts of Common Pleas, Orphans Courts, and General Quarter Sessions of the Peace are held, in the several counties, on the following Tuesdays:

<i>Bergen,</i>	4 January	4 March	4 October	2 June
<i>Essex,</i>	2 January	2 April	4 June	3 Sept.
<i>Middlesex,</i>	3 December	4 March	4 September	2 June

Monmouth,	4 January	4 April	4 July	3 October
Somerset,	1 January	1 October	3 April	3 June
Burlington,	2 February	2 August	3 May	1 Nov.
Gloucester,	3 March	3 June	1 October	2 Decem.
Salem,	1 March	1 December,	2 June	3 Sept.
Cape-May,	1 February	1 August	last May	4 October
Hunterdon,	1 February	1 May	1 August	4 October
Morris,	3 March	3 December	1 July	4 Sept.
Cumberland,	last February	4 September	1 June	last Novem.
Suffex,	5 February	3 August	4 May	4 Nov.

P E N N S Y L V A N I A.

Courts of Errors & Appeals are held,

AT Philadelphia, on the second Monday in July, annually, with power to adjourn from time to time.

Supreme Courts are held,

At Philadelphia, the first Monday in September, the second Monday in December, and the third Monday in March; the terms continue only two weeks, except Decem. term, which continues 3 weeks.

Courts of Oyer and Terminer, and Nisi Prius, are generally held once a year, in every county, at such time as the Judges appoint.

Common Pleas and Sessions of the Peace are held, in each county, on the following Mondays:—

Philadelphia,	1 March,	1 June,	1 Septem.	1 Decem.
Delaware,	last January,	last April,	last July,	last October
Bucks,	1 February,	1 May,	1 August,	1 Novem.
Montgomery,	2 February,	2 May,	2 August,	2 Novem.
Chester,	3 February,	3 May,	3 August,	3 Novem.
Lancaster,	last February,	last May,	last August,	last Novem.
York,	1 March,	1 June,	1 Sept.	1 Decem.
Dauphin,	2 March,	2 June,	2 Sept.	2 Decem.
Berks,	1 January,	1 April,	1 August,	1 Novem.
Northampton,	2 January,	2 April,	2 August,	2 Novem.
Luzern,	3 January,	3 April,	3 August,	3 Novem.
Northumberland,	4 January,	4 April,	4 August,	4 Novem.
Lycoming,	the Mondays next succeeding the courts in Northumberland.			
Cumberland,	1 January,	1 April,	1 August,	1 Nov.
Mifflin,	2 January,	2 April,	2 August,	2 Novem.
Huntingden,	3 January,	3 April,	3 August,	3 Novem.
Bedford,	4 January,	4 April,	4 August,	4 Novem.
Franklin,	last Decem.	last March,	last July,	4 October
Allegheny,	2 March,	2 June,	2 September,	2 Decem.
Westmoreland,	3 March,	3 June,	3 September,	3 Decem.
Somerset,	on the Mondays next following the courts of Westmoreland			
Fayette,	on the Mondays next following the courts of Somerset.			
Washington,	on the Mondays next following the courts of Fayette.			
Greene,	on the Mondays next following the county courts of Fayette.			

Mayor's Courts are held,

The third Monday in March, June, September and December.

ECLIPSES FOR THE YEAR 1800.

- I. An Eclipse of the Moon, on the 9th of the 4th month (April) at 15 minutes past eleven in the forenoon, of course invisible.
- II. Of the Sun, on the 23d of the 4th month (April) at 7h. 31 min. P. M. to us invisible. It may be seen on the north west coast of America, and will be central on the Meridian at 8 o'clock in latitude 55 3/4ths North, and long. 119 3/4ths west from Philad.
- III. Of the Moon on the 2d of the 10th month [October] at 45 min. after 4 in the afternoon, also invisible; the moon clearing the Earth's shadow about 2 minutes before she appears on the horizon of Philadelphia.
- IV. Of the Sun on the 18th of the 10th month [October] at 11 min. after 3 in the morning, invisible here; the Sun will be centrally eclipsed at 36 minutes after 4, in latitude 50 south, and longitude 111 east from Philadelphia.

The General Meeting of FRIENDS are held,

At Philadelphia, the third first day in the fourth month; at Baltimore the second first day in the tenth month; at Chester River, the third seventh day in the 4th month; at Duck Creek the fourth seventh day in the fourth month; at New-York, the fourth first day in the fifth month; at Ceris and Black Water in Virginia, alternately, the third seventh day in the fifth month; at West River and Croptank, alternately, the first seventh day in the sixth month; at Newport, [Rhode Island] the second sixth day in the sixth month; at Little Creek, the fourth seventh day in the tenth month; at Cecil, the third seventh day in the tenth month; at Wabascoek Long Beach, the last first day in the tenth month; at the Old Neck in perquimans North Carolina, the fourth sixth day in the tenth month.

Composition for colouring and preserving gates, pales, barns, &c.

Melt twelve ounces of resin in an iron-pot, or kettle; add three gallons of turpentine, and three or four rolls of brimstone. When the resin and brimstone are melted, and become thin, add as much Spanish brown, or red or yellow oaker, (or any other colour you want—ground fine, as usual, with oil) as will give the whole as deep shade as you like. Then lay it on with a brush, as hot and as thin as you can. Some days after the first coat is dried, give it a second. It is well attested, that this will preserve plank for ages; and prevent the weather from driving through brick-work.

WILLIAM J. LESLIE, CLOCK & WATCH-MAKER,

DESIRE leave to inform the public in general that he has on hand a good assortment of CLOCKS and WATCHES, Jewellery and Silver Ware—He likewise repairs all kinds of Clocks and Watches in the best manner, and on the most reasonable terms.

Trenton, October 25, 1799.