

T H E
NEW-JERSEY AND PENNSYLVANIA
ALMANAC,
FOR THE YEAR 1799.

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

CONTAINING,

The rising, setting, places and eclipses of the Sun and Moon ;
the southing, places, 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.

TOGETHER WITH A
TABLE OF STAMP DUTIES, ACCORDING
TO THE ACT OF CONGRESS OF
THE SIXTH OF JULY, 1797.

CALCULATED FOR THE LATITUDE AND MERIDIAN OF
PHILADELPHIA.

BY ABRAHAM SHOEMAKER.

T R E N T O N :
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The Anatomy of Man's Body, as governed by the Twelve Constellations.

♈ The Head and Face.



♊ The Feet.

Characters, &c. of the Constellations.

♈ Aries, a Ram, Head & Face.	♎ Libra, a Balance, Reins.
♉ Taurus, a Bull, Neck.	♏ Scor. a Scorpion, Secrets.
♊ Gemini, the Twins, Arms.	♐ Sag. a Bowman, Thig's.
♋ Cancer, a Crab, Breast.	♑ Capricorn, a Goat, Knees.
♌ Leo, a Lion, Heart.	♒ Aquarius, a Butler, Legs.
♍ Virgo, a Virgin, Bowels.	♓ Pisces, the Fish, Feet.

ASTRONOMICAL CHARACTERS EXPLAINED.

☉ New Moon.	♃ Jupiter.
☾ Full Moon.	♄ Mars.
☽ First } Quarter, or	♀ Venus.
☾ Last } Moon in general.	♁ Mercury.
♋ Moon's ascending node.	♃ Georgiuz Planet.
☉ or ☾ Sun.	♄ Conjunction.
♄ Saturn.	♁ 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.

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COMMON NOTES, &c. FOR THE YEAR 1799.

Dominical Letter	-	F	Easter	-	March 24
Golden Number	-	14	Ascension	-	May 2
Epaçt, correct,	-	24	Whitſunday	-	12
Solar Cycle	-	16	Trinity	-	19
Aſh Wednesday	Feb. 6		Advent	-	Dec. 1

ECLIPSES FOR THE YEAR 1799.

- I. An Eclipse of the Sun the 4th of the 5th Month, May, at 13 min. after 7, P. M. to us, inviſible. This eclipse will be central, and annular on the meridian, at 9 min. after 7, in lat. 8. deg. North, and lon. 107 deg. 25 m. Weſt from Philadelphia.
- II. Of the Sun on the 28th of the 10th Month, October, at 35 min. paſt noon, alſo inviſible. The Sun will be centrally eclipsed at half paſt twelve o'clock, Philadelphia time, a little to weſtward of the town of Payta, on the coaſt of South America. The eclipse will alſo be large about the Iſthmus of Darien, the Weſt India Iſlands, &c. and a ſmall part may be ſeen in ſome of the Southern States. At Philadelphia the Moon will paſs about 1-5 of the Sun's Diameter from his lower edge.

SAYINGS OF LYCURGUS.

ONE enquired of Lycurgus, the Spartan Lawgiver, why he had, by law, forbidden women, on their marriage, to have any dowry; that, ſays he, none, on account of poverty, may be left unmarried, nor any ſought on account of wealth; but that every man, regarding the good accompliſhments of a lady, may make his election only from virtue.

To one, who deſired, that inſtead of an ariſtocracy, he would erect a democracy in the ſtate, he ſaid, do you firſt erect a democracy in your family.

To the queſtion, why he enacted that ſacrifices ſhould be made of things that were cheap, he replied, that we may never want that with which we may honour the DIVINITY.

PAEDARETUS, a citizen of Sparta, when he was not enrolled in the order of the three hundred, who at Sparta were candidates for the firſt dignity, he received the repulſe and departed cheary and laughing. — Being called back by the Ephori, and asked why he laughed; I congratulate this republic, ſays he, which has three hundred citizens better than myſelf.

AN Old Man was deſirous of ſeeing the conteſt that was to be exhibited at the Olympic games, but, as no ſeat was vacant, going from place to place, he was ſtoffed at and mocked, becauſe he could obtain no ſeat; at length, going to the part where the Lacedæmonians were, not only all the youth aroſe, but many of the men offered him a ſeat; when all the Greeks who were near applauded the action, and highly extolled the politeneſs of their country; the old man ſhaking his hoary locks and weeping, ſays, it is lamentable that all the Greeks ſhould know what is honourable, but that the Lacedæmonians alone ſhould praſiſe it.

TABLE OF STAMP DUTIES,

As established by the Laws of the United States.

FOR every skin or piece of Vellum or Parchment, or sheet or piece of Paper, upon which shall be written or printed any or either of the instruments or writings following—to wit :

Any Certificate of Naturalization,	5 dols.
Any License to practise, or Certificate of the admission, enrolment or registry of any Counsellor, Solicitor, Attorney, Advocate, or Proctor, in any Court of the United States,	10 dols.
<i>Provided,</i> That a certificate in any one of the courts of the United States for one of the said offices, shall, so far as relates to the payment of the duty aforesaid, be a sufficient admission in all the courts of the United States, for each and every of the said offices.	
Any Grant or Letters Patent, under the seal or authority of the United States, except for lands granted for military services,	4 dols.
Any exemplification or certified copy of any such grant or letters patent, except for lands granted for military services,	2 dols.
Any Charter-Party, Bottomry, or Respondentia Bond,	1 dol.
Any Receipt or other discharge for or on account of any Legacy left by any will or other testamentary instrument, or for any share or part of a personal estate divided by force of any statute of distributions, other than to the Wife, Children or Grand Children of the person deceased, the amount whereof shall be above the value of Fifty Dollars, and shall not exceed the value of 100 dols.	25 cts.
When the amount thereof shall exceed the value of One Hundred Dollars, and shall not exceed five hundred dollars,	50 cts.
And for every further sum of Five Hundred Dollars, the additional sum of	1 dol.
Any Policy of Insurance or instrument in nature thereof, on any ship, vessel or goods insured from one district to another in the United States,	25 cts.
From the United States to any foreign port or place, when the sum for which Insurance is made shall not exceed 500 dols.	24 cts.
When the sum insured shall exceed 500 dollars,	1 dol.
Any Exemplification, of what nature soever, that shall pass the seal of any Court, other than such as it may be the duty of the clerk of such court to furnish for the use of the United States or some particular state,	50 cts.
Any Bond, bill, single or penal, foreign or inland bill of exchange, promissory note or other note, other than any recognizance, bill, bond, or other obligation or contract. made to or with the United States or any state, or for their use respectively,	
If above twenty dollars and not exceeding 100 dollars,	10 cts.
If above one hundred dollars and not exceeding 500 dols.	25 cts.
If above 500 dollars and not exceeding 1000 dols.	50 cts.
And if above one thousand dollars,	75 cts.
<i>Provided,</i> That if any bonds or notes shall be payable at or within sixty days, such bonds or notes shall be subject to only two fifth parts of the duty aforesaid—viz.	
If above twenty dollars and not exceeding 100 dollars,	4 cts.

If above one hundred dollars and not exceeding 500 dols.	10 cts.
If above five hundred dollars and not exceeding 1000 dols.	20 cts.
If above one thousand dollars,	30 cts.
Any notes issued by the banks now established, or that may hereafter be established within the United States, other than the notes of such of the said Banks as shall agree to an annual composition, of one per centum on the annual dividends made by such banks to their Stockholders respectively, according to the following scale :	
On all notes not exceeding fifty dollars, for each dollar,	6 mills.
On all notes above fifty dollars and not exceeding one hundred dollars,	50 cents.
On all notes above one hundred dollars and not exceeding five hundred dollars,	1 dollar.
On all notes above five hundred dollars	2 dols.
Any Protest or other Notarial act,	25 cents.
Any Letter of Attorney, except for an invalid pension, or to obtain or sell warrants for land granted by the United States as bounty for military services performed in the late war,	25 cts.
Any note or bill of lading for goods or merchandize to be exported, if from one district to another district of the United States, not being in the same State,	10 cts.
If from the United States to any foreign port or place	25 cts.
Any Inventory or Catalogue of any furniture, goods or effects, made in any case required by law, except in cases of goods and chattels distrained for rent or taxes, and goods taken in virtue of any legal process, by any officer,	50 cts.
Any certificate of a share in any insurance company, of a share in the bank of the United States, or of any state or other bank, if above twenty dollars and not exceeding one hundred dollars,	10 cts.
If above one hundred dollars,	25 cts.
If under 20 dollars at the rate of ten cents for one hundred dollars.	

A discount, at the rate of seven and one half per centum, is allowed by the Supervisors or Inspectors respectively, to any persons other than Officers of the Revenue, who may purchase at one time, or procure to be stamped, any quantities of vellum, parchment or paper, upon which the duties shall amount to Ten Dollars or upwards.

Stamped paper is provided, and sold at the rates prescribed by law, without any additional charge or compensation on account of the price of paper; but for stamped parchment or vellum, an additional price is demanded at the rate of Fifty Cents for each skin of Parchment, or Two Hundred Cents for each skin of Vellum, of medium size, furnished at the expense of the United States, and proportionally for any lesser quantity.

ANECDOTE.

DIOGENES (*a Grecian Philosopher*) seeing, one day, a boy drink out of the hollow of his hand, this boy, quoth he, has surpassed me in frugality, who lug about my unnecessary furniture; and drawing his wooden dish out of his wallet, he hove it away, saying, I was ignorant that nature had provided us a dish to drink out of.

I Month, JANUARY, hath 31 Days.

L O, where the sun all dimly overcast,
 With feeble efforts flings his chilly beams;
 With plaintive voice the hollow founding blast
 Thro' yonder pile of echoing ruins screams.

New ☉ 5th, 11h. 13m. Aft. | Full ☉ 21st, oh. 40m. Aft.
 First ☽ 13th, 10h. 57m. Aft. | Last ☾ 28th, 5h. 49m. Morn.

D.	M.	D. W.	MISCELLANEOUS PARTICULARS.	☉		☽		☾		D's		D	
				rises.	sets.	rises.	sets.	rises.	sets.	place.	rises.	sets.	rises.
				H. M.	H. M.	M. S.	S. D.	S. D.	H. M.	H. M.			
1		3	Circumcision ☿ stat.	7 23	4 37	4 14	♏ 15				2 30		
2		4	Rain or snow.	7 23	4 37	4 42		29			3 43		
3		5	♄ south 0 46	7 23	4 37	5 10	♁ 12				4 56		
4		6	Clear and Cold.	7 22	4 38	5 37		26			6 5		
5		7	Days increase 6 min.	7 22	4 38	6 3	♂ 9				☽ sets		
6		F	Epiphany	7 21	4 39	6 30		23			5 4		
7		2	High winds.	7 21	4 39	6 56	♌ 6				6 11		
8		3	Sirius south 11 15	7 20	4 40	7 21		18			7 16		
9		4	Snow.	7 19	4 41	7 46	♋ 1				8 20		
10		5	☽ stationary	7 19	4 41	8 10		13			9 21		
11		6	♄ ☉ inferior	7 18	4 42	8 33		25			10 22		
12		7	☽ in apogee ☿ ☉ ♄	7 17	4 43	8 56	♉ 7				11 19		
13		F	Now look for	7 17	4 43	9 19		19			Morn.		
14		2	☽ south 7 10	7 16	4 44	9 41	♈ 1				0 18		
15		3	snow.	7 15	4 45	10 2		13			1 17		
16		4	☽ sets 1 58	7 15	4 45	10 22		25			2 19		
17		5	Clear and pleasant.	7 14	4 46	10 42	♌ 7				3 23		
18		6	♄ south 11 32	7 13	4 47	11 1		20			4 27		
19		7	☉ enters ♌	7 12	4 48	11 20	♍ 3				5 29		
20		F	Septuagesima	7 11	4 49	11 37		17			6 28		
21		2	Arcturus rises 10 38	7 10	4 50	11 54	♎ 1				☽ rise.		
22		3	Vincent ☿ stationary	7 9	4 51	12 10		15			6 3		
23		4	Snow or hail.	7 8	4 52	12 25		30			7 18		
24		5	☽ in perigee.	7 8	4 52	12 40	♌ 14				8 33		
25		6	Conversion of St. Paul	7 7	4 53	12 53		29			9 46		
26		7	Bull's Eye south 7 47	7 6	4 54	13 6	♌ 13				10 59		
27		F	Sexagesima	7 5	4 55	13 18		28			Morn.		
28		2	Clear and cold.	7 4	4 56	13 29	♌ 12				0 12		
29		3	Snow, and	7 3	4 57	13 40		26			1 25		
30		4	Spica ♌ rises 10 59	7 1	4 59	13 49	♁ 9				2 37		
31		5	perhaps rain.	7 0	5 0	13 57		23			3 47		

Second Winter Month, JANUARY.

Days.	Planets' Places, &c.								☉'s age.	☉'s lat.	Alioth on Mer.	
	☉	♃	♄	♅	♆	♇	♈	♉			♊	♋
	♌	♍	♎	♏	♐	♑	♒	♓			D.	H.
1	11	23	24	17	11	12	28	22	26	1 N	7	55
7	18	23	23	16	14	19	26	22	3	5 S	5	31
13	24	22	23	16	18	27	18	22	9	3 S	5	5
19	30	22	22	17	22	♄	13	22	15	3 N	4	39
25	♄	22	22	17	26	12	13	21	21	4 N	4	14

AGRICULTURE.

On Ashes for Manure.

ASHES are commonly accounted a manure most suitable for low and moist lands. A cold and sour spot certainly needs them more than any other; but I have found them to be good in all sorts of soil.

Wood ashes are an excellent nourishment for the roots of trees.— They restore to trees what has been taken from them; and tend, at the same time, to drive away certain insects which are hurtful to trees.

Ashes of all kinds are a good ingredient in compost which are kept under cover; but when they are laid upon land unmixed, they should be spread as evenly as possible. They are thought to do better on the top of the surface than buried in the soil; for there is nothing in them that will evaporate. Their tendency is only downwards, and their salts will soon sink too low, if they be put under the surface. If they be spread upon ground which has tender plants, it should be done just before a rain which will dissolve and soften their acrimony:—For tender plants, when the weather is dry, will be apt to be injured by them.

Ashes in their full strength are certainly best for manure; and they will not be in full strength unless they be kept dry, nor will it be easy to spread them properly; and they should not be laid on lands long before there are roots to be nourished by them, lest the rain rob them of their salts. A few bushels on an acre are a good dressing for lands that are low, and inclining to be mossy; but ashes from which lye has been drawn have no small degree of virtue

in them. The earthy particles are but little diminished; and some of the saline particles remain.

D. M.	☉ fourth		H. W. Phila.	
	H.	M.	H.	M.
1	7	54	10	6
2	8	4	10	58
3	9	41	11	41
4	10	37	0	25
5	11	34	1	22
6	Aft	30	2	18
7	1	24	3	12
8	2	13	4	1
9	2	59	4	47
10	3	41	5	29
11	4	22	6	10
12	5	1	6	49
13	5	40	7	28
14	6	21	8	9
15	7	4	8	52
16	7	51	9	39
17	8	41	10	29
18	9	35	11	23
19	10	33	0	4
20	11	33	0	45
21	Morn.	1	45	
22	0	31	2	43
23	1	28	3	40
24	2	22	4	34
25	3	13	5	25
26	4	3	6	15
27	4	52	7	4
28	5	42	7	54
29	6	34	8	46
30	7	27	9	39
31	8	22	10	34

II Month, FEBRUARY, hath 28 Days.

Ah! me, what dreary scenes around me rise!
 Deep sighs I heave to view the dismal change;
 No, not an object now invites my eyes,
 Pensive among the snowy glades I range.

New ☉ 4th, 3h. 13m. Aft. | Full ☉ 20th, 0h. 2m. Morn.
 First ☽ 12th, 7h. 43m. Aft. | Last ☾ 26th, 3h. 21m. Aft.

D.	D.	MISCELLANEOUS PARTICULARS.	☉		☽		♃		♄		♅	
			rise.	sets.	flow.	place.	D's	D	H. M.	H. M.	H. M.	H. M.
M.	W.		H. M.	H. M.	M. S.	S. D.	H. M.					
1	6	Sharp winds.	6 59	5 1	14 5	♃ 6	4 50					
2	7	Purificat. of V. Mary	6 58	5 2	14 12	♃ 19	5 45					
3	F	Quinquagesima	6 57	5 3	14 18	♃ 2	6 31					
4	2	♃'s elongation.	6 56	5 4	14 23	♃ 14	♄ sets					
5	3	Cloudy.	6 55	5 5	14 28	♃ 27	6 6					
6	4	Ash Wednesday	6 54	5 6	14 32	♃ 9	7 3					
7	5	♃ south 10 2	6 53	5 7	14 34	♃ 21	8 4					
8	6	Cold weather.	6 51	5 9	14 36	♃ 3	9 4					
9	7	♄ in apogee	6 50	5 10	14 38	♃ 15	10 2					
10	F	1 Sunday in Lent	6 49	5 11	14 38	♃ 27	11 1					
11	2	A heavy storm	6 48	5 12	14 38	♃ 8	Morn.					
12	3	7*s set 1 21	6 47	5 13	14 37	♃ 21	0 2					
13	4	of rain or snow	6 45	5 15	14 35	♃ 3	1 3					
14	5	Valentine	6 44	5 16	14 33	♃ 15	2 6					
15	6	♃ sets 4 55	6 43	5 17	14 30	♃ 28	3 9					
16	7	at hand.	6 42	5 18	14 26	♃ 11	4 9					
17	F	2 Sunday in Lent	6 40	5 20	14 21	♃ 25	5 3					
18	2	☉ enters ♃	6 39	5 21	14 16	♃ 9	5 52					
19	3	Sleet.	6 38	5 22	14 10	♃ 24	6 32					
20	4	Sirius south 8 19	6 37	5 23	14 3	♃ 8	♄ rises					
21	5	♄ in perigee	6 35	5 25	13 56	♃ 24	7 27					
22	6	Clear and cold.	6 34	5 26	13 48	♃ 9	8 42					
23	7	7*s set 0 36	6 33	5 27	13 40	♃ 23	9 59					
24	F	St. Matthias	6 31	5 29	13 31	♃ 8	11 15					
25	2	♃ south 8 48	6 30	5 30	13 21	♃ 22	Morn.					
26	3	More foul weather.	6 29	5 31	13 10	♃ 6	0 29					
27	4	Days incr. 1h 54m	6 28	5 32	12 59	♃ 20	1 40					
28	5	Cold.	6 26	5 34	12 48	♃ 3	2 46					

Venus ♀ will be Evening Star until the 16th of 10th
 Month, October, then Morning Star to the end of the year.

Third Winter Month, FEBRUARY.

Days.	Planets' Places, &c.								☉ sac.	☉ 's lat.	Alioth on Mer.		
	☉	♃	♅	♁	♄	♆	♁	♁			D.	H.	M.
	♁	♁	♁	♁	♁	♁	♁						
1	13	22	21	17	30	21	17	21	28	3	S	3	46
7	19	22	21	18	8	28	24	21	4	4	S	3	22
13	25	22	20	18	7	✕	♁	20	10	1	N	2	58
19	✕	21	20	19	11	13	9	20	16	5	N	2	35
25	7	21	20	20	15	21	18	20	22	0		2	12

D. M.	☉	H. W.	
	fouth	Phila.	
	H. M.	H. M.	
1	9 18	11 30	
2	10 14	0 14	
3	11 8	0 56	
4	11 59	1 47	
5	Aft. 46	2 34	
6	1 30	3 18	
7	2 12	4 0	
8	2 52	4 40	
9	3 31	5 19	
10	4 11	5 59	
11	4 53	6 41	
12	5 37	7 25	
13	6 25	8 13	
14	7 17	9 5	
15	8 13	10 1	
16	9 11	10 59	
17	10 11	11 59	
18	11 10	0 40	
19	Morn.	1 22	
20	0 7	2 19	
21	1 1	3 13	
22	1 53	4 5	
23	2 44	4 56	
24	3 36	5 48	
25	4 29	6 41	
26	5 23	7 35	
27	6 18	8 30	
28	7 15	9 27	

A handful of ashes, laid near the roots of Indian Corn, is good to quicken its vegetation.— But it should not much of it be in contact with the stalks. The best time for giving corn this dressing, is thought to be just before the second or third hoeing: but some do it before the first, and even before the plants are up. Like other top dressing, it is of most service when applied at the time when plants need the greatest quantity of nourishment. This happens in Indian Corn when the plants are just going to send out ears and spindles.



Account of a Composition For preserving Weather Boarding, &c. BY W. PATTERSON, ESQ. Of Ibornden, Kent.

From the Transactions of the Society for the Encouragement of Arts, Manufactures and Commerce.

I have often thought something much wanted for preserving weather boarding, &c. from the injuries of the weather. Tar and ochre, and other mixtures recommended for the purpose, I have tried, but do not find they answer. I therefore made many experiments to discover a composition better adapted for the purpose, and think I have found one which answers my expectation; it is impenetrable to water, is not injured by the action of the weather, or heat of the sun, which hardens it, and consequently en-

creases its durability: it is much cheaper than paint and mere lashing.

The composition is as follows: three parts of air slacked lime, two of wood ashes, and one of fine sand, or sea-coal ashes; sift these through a fine sieve, and add as much linseed-oil as will bring the

III Month, MARCH, hath 31 Days.

Boreas now, with dreary reign,
Rules the wide unjoyous plain;
Gloomy storms, with solemn roar,
Shake the hoarse resounding shore.

New \odot 6th, 8h. 33m. Morn. | Full \circ 21st, 9h. 52m. Morn.
First \uparrow 14th, 1h. 21m. Aft. | Last \downarrow 28th, 2h. 33m. Morn.

D.	D.	MISCELLANEOUS PARTICULARS.	rises.		sets.		flow.		D's place.		D rises.	
			H.	M.	H.	M.	M.	S.	S.	D.	H.	M.
1	6	David	6	25	5	35	12	36	\uparrow	16	3	45
2	7	<i>Blustering and perhaps</i>	6	24	5	36	12	23		29	4	33
3	F	Mid. Lent	6	22	5	38	12	10	\uparrow	11	5	13
4	2	7*s sets 0 3	6	21	5	39	11	56		23	5	44
5	3	Days 11h 20m	6	20	5	40	11	42	\times	6	6	12
6	4	<i>snow squalls.</i>	6	18	5	42	11	28		18	\downarrow	sets
7	5	Sirius sets 0 29	6	17	5	43	11	13		30	6	58
8	6	<i>Cold with rain.</i>	6	16	5	44	10	58	\uparrow	12	7	58
9	7	\downarrow in apogee	6	14	5	46	10	42		23	8	56
10	F	5 Sun. in Lent. \odot \oplus	6	13	5	47	10	26	\times	5	9	57
11	2	Bull's Eye sets 11 53	6	12	5	48	10	10		17	10	57
12	3	Gregory	6	11	5	49	9	54		29	11	59
13	4	<i>High winds.</i>	6	9	5	51	9	37	II	11	Morn.	
14	5	$\frac{1}{2}$ sets 3 11	6	8	5	52	9	20		23	1	2
15	6	<i>Now look for</i>	6	7	5	53	9	3	\uparrow	6	2	2
16	7	Sirius sets 11 53	6	5	5	55	8	45		19	2	58
17	F	Palm Sunday	6	4	5	56	8	28	Ω	3	3	47
18	2	<i>a storm.</i>	6	3	5	57	8	10		17	4	31
19	3	\downarrow sets 10 32	6	1	5	59	7	52	\uparrow	2	5	8
20	4	\odot ent. \uparrow [\downarrow \odot $\&$ sup.	6	0	6	0	7	34		16	5	40
21	5	Benedict. $\frac{1}{2}$ Ita.	5	59	6	1	7	16	\uparrow	2	\downarrow	ris.
22	6	\downarrow in perigee	5	57	6	3	6	57		17	7	42
23	7	Lyra rises 9 29	5	56	6	4	6	39	\uparrow	2	9	0
24	F	Easter	5	55	6	5	6	20		17	10	18
25	2	Ann. Virgin Mary	5	53	6	7	6	2	\uparrow	1	11	34
26	3	<i>A tedious rain.</i>	5	52	6	8	5	43		16	Morn.	
27	4	$\frac{1}{2}$ sets 2 22	5	50	6	9	5	25		29	0	45
28	5	<i>Pleasant for the</i>	5	49	6	11	5	6	\uparrow	13	1	47
29	6	<i>Season.</i>	5	48	6	12	4	47		25	2	40
30	7	Arcturus south 1 33	5	47	6	13	4	29	\uparrow	8	3	23
31	F	Low Sunday	5	45	6	15	4	10		20	3	56

First Spring Month, MARCH.

Days.	Planets' Places, &c.								☉'s age.	☉'s lat.		Alioth on Mer.	
	☉	♃	♄	♅	♆	♇	♈	♉		D.	H.	M.	
	♊	♋	♌	♍	♎	♏	♐	♑					
1	11	21	20	20	17	26	25	19	26	5 S	1	57	
7	17	21	19	21	21	☿	♈	19	2	4 S	1	35	
13	23	20	19	22	25	11	16	19	8	2 N	1	13	
19	29	20	19	23	29	18	27	18	14	5 N	0	51	
25	☿	20	19	24	♈	25	☿	18	20	1 S	0	30	

D. M.	☉		H. W. Phila.	
	H.	M.	H.	M.
1	8	12	10	24
2	9	6	11	18
3	9	58	11	58
4	10	45	0	33
5	11	30	1	18
6	Aft.	12	2	0
7	0	53	2	41
8	1	33	3	21
9	2	12	4	0
10	2	54	4	42
11	3	37	5	25
12	4	23	6	11
13	5	13	7	1
14	6	6	7	54
15	7	2	8	50
16	8	0	9	48
17	8	58	10	46
18	9	55	11	43
19	10	46	0	23
20	11	44	1	2
21	Morn.		1	56
22	0	37	2	49
23	1	30	3	42
24	2	24	4	36
25	3	19	5	31
26	4	17	6	29
27	5	15	7	27
28	6	13	8	25
29	7	10	9	22
30	8	3	10	15
31	8	51	11	3

mixture to a consistence for working with a painter's brush. Great care must be taken to mix it perfectly: I believe grinding it as paint would be an improvement. Two coats are necessary; the first rather thin, the second as thick as can conveniently be worked. From the nature of this composition, there is no doubt but it is very durable; as it certainly will improve in hardness by time, and is much superior for the purpose to any thing I know of.

A new Method to preserve Cider.

THE green and defective apples should be first made up, and the cider sent to the distillery, to make brandy, which is a very good cordial, if softened with a little sugar, and kept till it is matured with age. The good and sound apples should be kept till they begin to grow mellow, then ground fine and the cider pressed out. It should be strained through a hair sieve when put into the casks, which will take out the gross parts of the apples—The casks should then be removed home, and set on skids at the north end of a building, or some other cool place, but not in the cellar, where being placed a little sloping, the bungs should be taken out and filled up daily with cider, so that all the scum may go off. When the liquor is fine or clear, which will be in four or five days, it should be drawn off in clear casks, bunged up close, and stowed away in the cellar for future use.

It will be much softer and pleasanter than when preserved in the usual way; and the reason is plain; for all the fermentation in cider proceeds from small particles of apples remaining in the liquor. In the above method they are mostly separated very soon, and thereby the cider is prevented fermenting so far as to make it sour.

The cider that is designed to be kept after June, should again be

IV Month, APRIL, hath 30 Days.

Spring be my theme. See! cheerful spring returns,
 And drooping nature now no longer mourns:
 No more her robes of hoary snow she wears,
 Nor clad with ice, and spangled frost appears;
 No more the shuddering flocks for the ter fly,
 Nor shepherds view, aghast, the low'ring sky.

New ☉ 5th, 2h. 20m. Morn. | Full ☉ 19th, 6h. 39m. Aft.
 First ☽ 13th, 2h. 46m. Morn. | Last ☾ 26th, 3h. 29m. Aft.

D.	M.	MISCELLANEOUS PARTICULARS	☉		☽		♃		♄		♅	
			rises.	sets.	rises.	sets.	flow.	place.	rises.	sets.	rises.	sets.
			H. M.	H. M.	M. S.	S. D.	S. D.	H. M.	H. M.			
1	2	⊕ south 10 38	5 44	6 16	3 52	3	♃ 3	4 25				
2	3	♃ sets 2 2	5 43	6 17	3 33	15		4 49				
3	4	Clear,	5 42	6 18	3 15	27		5 11				
4	5	St. Ambrose	5 40	6 20	2 57	8	♃ 8	5 31				
5	6	♄ in apogee	5 39	6 21	2 39	20		♄ sets				
6	7	but soon comes	5 38	6 22	2 22	8	♃ 2	7 57				
7	F	♃ sets 10 42	5 36	6 24	2 4	14		8 58				
8	2	a storm.	5 35	6 25	1 47	26	♃ 10	0				
9	3	☉ ☽ ♃	5 34	6 26	1 30	8	♃ 8	11 2				
10	4	7*s sets 9 44	5 33	6 27	1 13	20		Morn.				
11	5	High winds.	5 31	6 29	0 57	2	♃ 2	0 3				
12	6	⊕ south 9 57	5 30	6 30	0 41	15		0 59				
13	7	Pleasant	5 29	6 31	0 25	28		1 49				
14	F	weather.	5 28	6 32	0 10	12	♃ 12	2 35				
15	2	Arcturus south 0 34	5 26	6 34	Fast 5	26		3 12				
16	3	♃'s elongation	5 25	6 35	0 20	10	♃ 10	3 45				
17	4	Perhaps rain,	5 24	6 36	0 34	25		4 15				
18	5	7*s sets 9 15	5 23	6 37	0 48	10	♃ 10	4 43				
19	6	☉ ent. 8 ♄ in perig.	5 21	6 39	1 1	25		♄ rises				
20	7	and may be thunder.	5 20	6 40	1 14	10	♃ 10	7 59				
21	F	Spica ♃ south 11 16	5 19	6 41	1 27	25		9 18				
22	2	Fine weather.	5 18	6 42	1 39	10	♃ 10	10 37				
23	3	St. George	5 16	6 44	1 51	24		11 43				
24	4	A growing season.	5 15	6 45	2 2	8	♃ 8	Morn,				
25	5	St. Mark	5 14	6 46	2 13	22		0 41				
26	6	♃ stationary	5 13	6 47	2 24	5	♃ 5	1 28				
27	7	Warm for the	5 12	6 48	2 34	17		2 5				
28	F	Rogation	5 11	6 49	2 43	30		2 35				
29	2	season.	5 10	6 50	2 53	12	♃ 12	3 1				
30	3	7*s sets 8 29	5 8	6 52	3 0	24		3 24				

Second Spring Month, APRIL.

Days.	Planets' Places, &c.								☉ ☽	☿ ♄	♃ ♂	Alioth		
	☉	☿	♃	♄	♂	♀	♃	♄				lat.	on Mer.	
	♄	♃	♂	♂	♂	♂	♂	D.					H.	M.
1	12	20	19	26	7	4	23	18	27	5 S	0	4		
7	18	19	19	27	11	11	8	17	3	0	11	38		
13	24	19	20	28	15	19	13	17	9	5 N	11	16		
19	30	19	20	30	18	26	19	17	15	2 N	10	54		
25	8	19	20	11	22	11	21	16	21	5 S	10	32		

D. M.	☉		H. W.		Text
	South.	H. M.	H.	M.	
1	9	37	11	49	will keep good two or three years.
2	10	19	0	19	There is considerable saving of casks in the above
3	11	0	0	28	method, for each may be filled quite full of good cy-
4	11	40	1	28	der, without any sediment at the bottom, or space at
5	Aft.	20	2	8	the top after the cider has wrought.—The empty-
6	1	0	2	48	ings or sediment that is left will answer for the still.
7	1	43	3	31	In a year of very great plenty of cider and scarcity
8	2	28	4	16	of casks, sweet apples may answer as well for swine,
9	3	16	5	4	horned cattle, and horses, as to make into cider;
10	4	8	5	56	and it is certainly much better than to have them
11	5	2	6	50	rot on the ground.
12	5	57	7	45	It is a common observation that trees that bear
13	6	54	8	42	very full of fruit one year, seldom bear much the
14	7	49	9	37	next. It would be well for every family that can
15	8	43	10	31	do it, to put up, in the manner above mentioned,
16	9	36	11	24	two or three hogheads, which will be very benefi-
17	10	28	0	2	cial the next year, if cider should be scarce; and if
18	11	21	0	40	there should be plenty of apples next summer, it may
19	Morn.		1	33	then be sold without loss.
20	0	14	2	26	The foregoing method of preserving cider, is
21	1	11	3	23	nearly similar to the practice in England, and has
22	2	9	4	21	been used with very good success in this country.
23	3	9	5	21	Cider is a very pleasant liquor, and suits the pa-
24	4	9	6	21	lates, as well as the health of most people; and if
25	5	8	7	20	preserved good, as it may be, will generally be more
26	6	3	8	15	salutary and agreeable to laborers than distilled spi-
27	6	54	9	6	rits, the free use of which is attended with consider-
28	7	41	9	53	able expense of money and much injury to the
29	8	25	10	37	constitution.
30	9	6	11	18	

ANECDOTE.

A Man was deploring that his wife had hanged herself on a fig-tree; I beg, says another, you would favour me with a twig of that tree, that I may engraft it.

V Month, MAY, hath 31 Days.

Sweet soother of my mind, tho' not e'en spring
 Can e'er erase the sorrows of my breast;
 Yet cherish'd with thy scenes, Hope waves her wings,
 And points to vales of everlasting rest,
 Where every wintry care shall fade away,
 And all the landscape glow with one eternal May.

New \odot 4th, 7h. 13m. Ast. | Full \circ 19th, 2h. 50m. Morn.
 First \uparrow 12th, oh. 8m. Ast. | Last \downarrow 26th, 6h. 4m. Morn.

D.	D.	MISCELLANEOUS. PARTICULARS.	\odot	\odot	\odot	D's		D
			rises.	sets.	fast.	place.	rises.	
M.	W.		H. M.	H. M.	M. S.	S. D.	H. M.	
1	4	Philip and James	5 7	6 53	3 8	Υ 5	3 43	
2	5	Ascension day	5 6	6 54	3 15	17	4 4	
3	6	\uparrow in apogee	5 5	6 55	3 22	29	4 25	
4	7	Spica \nearrow south 10 27	5 4	6 56	3 28	δ 11	\uparrow sets	
5	F	Northern Lights.	5 3	6 57	3 34	23	7 58	
6	2	Smoky thick air.	5 2	6 58	3 39	Π 5	9 1	
7	3	Tran. δ over \odot 's disk	5 1	6 59	3 44	17	10 2	
8	4	Agreeable moon shiny	5 0	7 0	3 48	29	11 0	
9	5	δ sets 11 46 nights adorn the flowers.	4 59	7 1	3 51	\ominus 12	11 52	
10	6	Arcturus south 10 48	4 5	7 2	3 54	25	Morn.	
11	7	Whitsunday	4 5	7 3	3 56	Ω 8	0 38	
12	F	Expect thunder	4 5	7 4	3 58	21	1 17	
13	2	δ sets 10 28	4 5	7 5	3 59	\nearrow 5	1 50	
14	3	with flying clouds	4 5	7 6	3 59	19	2 19	
15	4	Days 14h 16m	4 5	7 7	3 59	\triangle 4	2 46	
16	5	\uparrow in perigee	4 5	7 8	3 58	19	3 12	
17	6	Rain.	4 5	7 9	3 56	μ 3	3 39	
18	7	Trinity	4 5	7 10	3 54	18	4 9	
19	F	δ stationary \odot ent. Π	4 4	7 11	3 52	\uparrow 3	Drises	
20	2	Heavy gusts,	4 4	7 11	3 49	18	9 24	
21	3	Lyra south 2 35	4 4	7 12	3 45	ψ 2	10 29	
22	4	with thunder.	4 4	7 13	3 41	16	11 21	
23	5	Clear and warm.	4 4	7 14	3 37	30	Morn.	
24	6	δ sets 10 50	4 4	7 15	3 32	\sim 13	0 4	
25	7	Sun. after Trinity	4 4	7 15	3 26	26	0 37	
26	F	Foggy, [\oplus stationary	4 4	7 16	3 20	\times 8	1 5	
27	2	with some rain.	4 4	7 17	3 13	20	1 28	
28	3	Arcturus south 9 40	4 4	7 17	3 6	Υ 2	1 49	
29	4	\uparrow in apogee	4 4	7 18	2 59	14	2 9	
30	5		4 4	7 19	2 51	26	2 29	
31	6	δ \odot \nearrow	4 4	7 19	2 43	δ 8	2 51	

Third Spring Month, MAY.

Days.	Planets' Places, &c.								☉ sage.	☉'s lat.		Alioth on Mer.	
	☉	☽	♃	♄	♅	♆	♇	♁		D.	H.	M.	
1	8	17	21	2	26	11	20	16	27	3 S	10	9	
7	11	19	21	4	30	18	17	16	4	3 N	9	46	
13	17	19	22	5	25	25	13	16	10	5 N	9	23	
19	23	19	22	6	7	25	12	15	16	2 S	8	59	
25	29	18	23	8	11	9	13	15	22	5 S	8	35	

The Happiness and Dignity of Manhood depend on the Conduct of the Youthful Age.

D. M.	☉	H. W. Phila.	<p>LET not the season of youth be barren of improvements, so essential to your felicity and honor. Your character is now of your own forming; your fate is, in some measure, put into your own hands. Your nature is, as yet, pliant and soft. Habits have not established their dominion. Prejudices have not pre-occupied your understanding. The world has not had time to contract and debase your affections. All your powers are more vigorous, disembarassed and free, than they will be at any future period. Whatever impulse you now give to your desires and passions, the direction is likely to continue. It will form the channel in which your life is to run; nay, it may determine an everlasting issue. Consider, then, the employment of this important period as the highest trust which shall ever be committed to you; as, in a great measure, decisive of your happiness, in time and eternity. As in the succession of the seasons, each, by the invariable laws of nature, affects the productions of what is next in course; so, in human life, every period of our age, according as it is well or ill spent, influences the happiness of that which is to follow. Virtuous youth gradually brings forward accomplished and flourishing manhood; and such manhood passes of itself, without uneasiness, into respectable and tranquil old age. But when nature is turned out of its regular course, disorder takes place in the moral, just as in the vegetable world. If the spring put forth no blossoms, in summer there will be no beauty, and in autumn no fruit: So if youth be trifled away without improvement, manhood will be contemptible, and old age miserable.</p>
		H. M.	

A knavish attorney asking a very worthy gentleman, what Honesty was? "What's that to you," said he, "meddle with those things that concern you."

VI Month, JUNE, hath 30 Days.

The feather'd choirs in concert sweetly join
 To celebrate this season so divine;
 Their warbling notes in ev'ry grove we hear,
 A lively type of heaven's eternal year.
 The fragrant blossoms charming odours yield,
 And with delight, adorn the beauteous field.

New ☉ 3d, 10h. 4m. Morn. | Full ☉ 17th, 11h. 4m. Morn.
 First ☽ 10th, 6h. 27m. A't. | Last ☾ 24th, 10h. 13m. Aft.

D.	W.	MISCELLANEOUS PARTICULARS.	☀	☀	☀	D's		D
			rife.	sets.	fast.	place.	rises.	
M.	M.		H. M.	H. M.	M. S.	S. D.	H. M.	
1	7	<i>Very hot.</i>	4 40	7 20	2 34	8 20		
2	F	2 Sun. after Trinity	4 40	7 20	2 25	II 2		3 15
3	2	☿'s elongation	4 39	7 21	2 16	14		☽ sets
4	3	<i>Perhaps rain.</i>	4 39	7 21	2 6	26		8 53
5	4	Arcturus south 9 11	4 38	7 22	1 56	☽ 9		9 47
6	5	<i>Thunder, lightning,</i>	4 38	7 22	1 45	22		10 35
7	6	<i>and rain.</i>	4 37	7 23	1 34	♊ 5		11 16
8	7	Spica ♃ sets 1 37	4 37	7 23	1 23	18		11 50
9	F	3 S after T. ☐ ⊙ ⊕	4 37	7 23	1 12	♋ 2		Morn.
10	2	<i>Refreshing breezes.</i>	4 36	7 24	1 0	16		0 20
11	3	St. Barnabas	4 36	7 24	0 48	30		0 47
12	4	<i>Hot muggy weather,</i>	4 36	7 24	0 36	14		1 12
13	5	<i>and thunder in</i>	4 35	7 25	0 23	28		1 37
14	6	☽ in perigee	4 35	7 25	0 11	♌ 13		2 5
15	7	<i>some places.</i>	4 35	7 25	slow 2	27		2 37
16	F	4 S. after Trinity	4 35	7 25	0 15	♌ 12		3 14
17	2	Lyra south 0 49	4 35	7 25	0 28	26		☽ rises
18	3	<i>High winds</i>	4 35	7 25	0 41	♍ 11		9 5
19	4	<i>for the season.</i>	4 35	7 25	0 54	24		9 53
20	5	Spica ♃ sets 0 47	4 35	7 25	1 7	8		10 30
21	6	☉ enters ♍	4 35	7 25	1 20	21		11 1
22	7	<i>Heavy thunder.</i>	4 35	7 25	1 33	♎ 4		11 25
23	F	5 Sun. after Trinity	4 35	7 25	1 46	16		11 47
24	2	Nativ. St. John Bap.	4 35	7 25	1 59	28		Morn.
25	3	<i>Cool and pleasant.</i>	4 35	7 25	2 11	♏ 10		0 7
26	4	☽ in apogee	4 35	7 25	2 24	22		0 28
27	5	<i>Fine weather.</i>	4 35	7 25	2 36	8 4		0 49
28	6	<i>Thunder.</i>	4 35	7 25	2 48	16		1 13
29	7	St. Peter	4 36	7 24	3 0	28		1 40
30	F	6 Sunday after T.	4 36	7 24	3 12	II 10		2 11

First Summer Month, JUNE.

Days.	Planets' Places, &c.								☉'s age.	☉'s lat.	Alioth on Mer.	
	☉	♃	♄	♅	♆	♇	♈	D.			H.	M.
	II	III	IV	V	VI	VII	VIII					
1	11	18	24	9	16	17	17	15	29	0	8	7
7	17	19	24	11	19	24	23	14	5	5 N	7	42
13	23	19	25	12	23	Ω	II	14	11	2 N	7	17
19	28	19	26	14	27	8	11	14	17	5 S	6	53
25	☉	19	26	15	Ω	15	23	13	23	3 S	6	28

OF NINEVEH AND BABYLON.

D. M.	H. W. south Phila.	
	H. M.	H. M.
1	10 26	0 14
2	11 13	1 1
3	A t. 3	1 51
4	0 56	2 44
5	1 50	3 38
6	2 46	4 34
7	3 41	5 29
8	4 33	6 21
9	5 24	7 12
10	6 13	8 1
11	7 1	8 49
12	7 50	9 38
13	8 41	10 29
14	9 34	11 22
15	10 31	0 2
16	11 30	0 43
17	Morn.	1 42
18	0 32	2 44
19	1 32	3 44
20	2 30	4 42
21	3 22	5 34
22	4 10	6 22
23	4 54	7 6
24	5 35	7 47
25	6 15	8 27
26	6 55	9 7
27	7 35	9 47
28	8 17	10 29
29	9 2	11 14
30	9 49	11 49

NINUS being possessed with a rage of conquest, subdued a great number of nations all the way from Egypt to India; but suspended his warlike enterprizes to enlarge the city of Nineveh, which had been founded by his father. Nineveh was quickly built with walls an hundred feet high, having fifteen hundred towers two hundred feet in height, to serve equally for its ornament and defence. The circumference of the whole city was four hundred and eighty stadia, or sixty miles.

This work being completed, Ninus resumed his arms at the head of several hundred thousand men; and Semiramis, who was the wife of one of his officers, distinguished herself by her heroic exploits. The king married her and left her his crown; and this ambitious princess being desirous, in her turn, to render her name immortal, in a few years built the city of Babylon, to such an amazing extent that it far exceeded Nineveh, its walls being of a sufficient thickness to allow six chariots to go abreast.

The quays, the bridge over the Euphrates, the hanging gardens, the prodigies of sculpture and architecture the temple of Belus, which had in it a golden statue forty feet high, though they were not all works of Semiramis, yet they were much improved and embellished by her.

OF THE WALLS OF BABYLON.

THESSE walls were built of large bricks, cemented together with bitumen, a glutinous slime arising out of the earth of that country, which binds in buildings much stronger and firmer than lime, and

soon grows much harder than the bricks or stones which it cements together. They were of a square form, each side of which was 15 miles. The breadth was 87 feet, and their height three hundred and five.

VII Month, JULY, hath 31 Days.

The bleating flocke, and lowing herds reioice
 To roam the fields, and crop the tender grafs;
 The sportive lambs dance round the purling streams,
 Or bask in shades, secure from Phoebus' beams.

New ☉ 2d, 10h. 26m. Aft. | Full ☉ 16th, 8h. 16m. Aft.
 First ☽ 9th, 11h. 11m. Aft. | Last ☾ 24th, 3h. 35m. Aft.

D.	D.	MISCELLANEOUS PARTICULARS.	☉		☽	☾'s		☼	
			rises.	sets.	slow.	place.	rises.		
M.	W.		H. M.	H. M.	M. S.	S. D.	H. M.		
1	2	<i>Hot and dry.</i>	4 36	7 24	3 24	♄ 23	2 52		
2	3	Visitation V. Mary	4 36	7 24	3 35	♄ 5	☽ sets		
3	4	<i>S. W. wind</i>	4 37	7 23	3 46	18	8 25		
4	5	INDEPENDENCE	4 37	7 23	3 57	♃ 2	9 9		
5	6	<i>Rain.</i> [☉ ♀ sup.	4 37	7 23	4 7	15	9 45		
6	7	Days decrease 6m	4 38	7 22	4 17	29	10 17		
7	F	7 Sun. after Trinity	4 38	7 22	4 27	♃ 13	10 45		
8	2	<i>Sharp lightning,</i>	4 39	7 21	4 36	27	11 10		
9	3	Arcturus sets 2 5	4 39	7 21	4 45	♄ 11	11 35		
10	4	<i>and heavy thunder,</i>	4 40	7 20	4 54	25	Morn.		
11	5	☽ in perigee	4 40	7 20	5 2	♄ 9	0 2		
12	6	Spica ♃ sets 11 13	4 41	7 19	5 10	23	0 31		
13	7	<i>but little rain.</i>	4 42	7 18	5 17	♄ 7	1 6		
14	F	Days decrease 14m.	4 42	7 18	5 24	22	1 49		
15	2	<i>Swithin</i>	4 43	7 17	5 31	♃ 6	2 39		
16	3	<i>Now Some</i>	4 43	7 17	5 36	19	☽ rise.		
17	4	Days 14h 32m	4 44	7 16	5 42	3	8 21		
18	5	☽ rise 2 7	4 45	7 15	5 47	16	8 54		
19	6	<i>refreshing showers.</i>	4 46	7 14	5 51	29	9 23		
20	7	Margaret	4 46	7 14	5 55	♃ 12	9 46		
21	F	9 Sun. after Trinity	4 47	7 13	5 58	24	10 6		
22	2	Magdalen ☉ enters ♃	4 48	7 12	6 1	♄ 6	10 27		
23	3	<i>Fine growing</i>	4 49	7 11	6 3	18	10 48		
24	4	<i>weather.</i>	4 50	7 10	6 4	30	11 11		
25	5	☽ in apogee	4 50	7 10	6 5	12	11 36		
26	6	St. James.	4 51	7 9	6 5	8 24	Morn.		
27	7	☽ rises 1 32	4 52	7 8	6 5	♄ 6	0 6		
28	F	<i>Gentle showers with,</i>	4 53	7 7	6 4	18	0 43		
29	2	<i>thunder.</i>	4 54	7 6	6 2	♄ 1	1 27		
30	3	Dog Days begin	4 55	7 5	6 0	14	2 21		
31	4	<i>Very warm.</i>	4 56	7 4	5 57	27	3 25		

Second Summer Month, JULY.

Days.	Planets' Places, &c.								☾ Age.	☉'s lat.	Alioth on Mer.		
	☉	♃	♄	♅	♆	♇	♈	♉			D.	H.	M.
	♊	♋	♌	♍	♎	♏	♐	♑					
1	10	19	27	16	4	22	6	13	29	3 N	6	5	
7	15	19	28	18	8	28	19	13	6	5 N	5	40	
13	21	19	29	19	12	♉	♋	12	12	2 S	5	15	
19	27	20	29	20	16	11	12	12	18	5 S	4	51	
25	♋	20	♋	21	20	18	23	12	24	0	4	27	

D.	☉	H. W.	The walls were surrounded on the outside with a
South.	Phila.	Phil.	vast ditch, full of water, and lined with bricks on
H. M.	H. M.	H. M.	both sides. The earth that was dug out of it, made
1	10 42	0 30	the bricks wherewith the walls were built; and,
2	11 37	1 25	therefore, from the vast height and breadth of the
3	Aft. 33	2 21	walls, may be inferred the greatness of the ditch.
4	1 29	3 17	On every side of this great square were twenty-
5	2 23	4 11	five gates, that is, an hundred in all. These gates
6	3 15	5 3	were made of solid brass. Hence it is, that when
7	4 5	5 53	the Supreme Being promised to Cyrus the conquest
8	4 53	6 41	of Babylon, he tells him, "That he would break in
9	5 41	7 29	pieces before him the gates of brass."
10	6 30	8 18	Between every two of the gates were three tow-
11	7 22	9 10	ers, and four more at the four corners of this great
12	8 15	10 3	square, and three between each of these corners and
13	9 13	11	the next gate on either side. Every one of these
14	10 13	11 43	towers was ten feet higher than the walls. But
15	11 13	0 25	this is to be understood only of those parts of the
16	Morn.	1 25	wall, where there was need of towers.
17	0 11	2 23	From these twenty-five gates on each side of this
18	1 6	3 18	great square, went twenty-five streets, in strait
19	1 56	4 8	lines to the gates, which were directly opposite to
20	2 43	4 55	them on the other side; so that the number of
21	3 26	5 38	streets were fifty; each fifteen miles long, whereof
22	4 7	6 19	twenty-five went one way, and twenty five the
23	4 47	6 59	other, crossing each other at right angles. And
24	5 27	7 39	besides these, there were four half streets, which had
25	6 8	8 20	houses only on one side, and the wall on the other.
26	6 51	7 3	These went round the four sides of the city next
27	7 38	9 50	the walls, and were each of them two hundred feet
28	8 29	10 41	broad; the rest were about one hundred and fifty.
29	9 22	11 34	By these streets thus crossing each other, the whole
30	10 19	0 19	city was divided into six hundred and seventy-six
31	11 17	1 5	squares, each of them four furlongs and an half on

every side, that is, two miles and a quarter in circumference.
 Round these squares, on every side towards the streets, stood the
 houses which were not contiguous, but had void spaces between

VIII Month, AUGUST, hath 31 Days.

The fogs and mists are floated here and there,
 And sulph'rous matter fills the sultry air :
 Along the west the dusky clouds appear,
 And o'er our heads majestic thunders rear.

New ☉ 1st, 8h. 45m. M. | Full ☉ 15th, 7h. 28m. M.
 First ☽ 8th, 3h. 54m. M. | Last ☾ 23d, 9h. 20m. M.
 New ♀ 30th, 5th. 59m. Afternoon.

D.	D.	MISCELLANEOUS PARTICULARS	☉		☽		♃		♄		♅	
			rises.	sets.	slow.	place.	rises.	sets.	slow.	place.	rises.	sets.
M.	W.		H. M.	H. M.	M. S.	S. D.	S. D.	H. M.	H. M.			
1	5	Lammas-day	4 57	7 3	5 54	♄ 11	☉ sets					
2	6	Hot sultry weather.	4 58	7 2	5 50	25	8 17					
3	7	7*s rises 11 6	4 59	7 1	5 45	♃ 9	8 46					
4	F	11 Sun. after Trinity	5 0	7 0	5 40	23	9 13					
5	2	☽ in Perigee	5 1	6 59	5 34	♄ 7	9 39					
6	3	Transfiguration	5 2	6 58	5 28	22	10 5					
7	4	Look for a	5 3	6 57	5 21	♃ 6	10 32					
8	5	♀'s elongation	5 4	6 56	5 13	20	11 5					
9	6	N. E. storm.	5 5	6 55	5 5	♄ 4	11 45					
10	7	St. Lawrence	5 6	6 54	4 57	18	Morn.					
11	F	Thunder showers	5 7	6 53	4 48	♃ 2	0 32					
12	2	Spica ♃ sets 9 12	5 8	6 52	4 38	15	1 30					
13	3	in many places.	5 10	6 50	4 28	29	2 34					
14	4	♃'s elongation	5 11	6 49	4 17	♄ 12	3 43					
15	5	♃ rises 0 35	5 12	6 48	4 6	25	☉ rif.					
16	6	Warm weather,	5 13	6 47	3 54	♃ 8	7 51					
17	7	with thunder.	5 14	6 46	3 41	20	8 12					
18	F	7*s rise 10 14	5 15	6 45	3 28	♃ 2	8 32					
19	2	Dull weather,	5 17	6 43	3 15	14	8 53					
20	3	and some want	5 18	6 42	3 1	26	9 15					
21	4	☽ in apogee	5 19	6 41	2 47	♃ 8	9 39					
22	5	of rain.	5 20	6 40	2 32	20	10 7					
23	6	☉ enters ♃	5 21	6 39	2 17	♄ 2	10 40					
24	7	St. Bartholomew	5 23	6 37	2 1	14	11 22					
25	F	Refreshing breezes.	5 24	6 36	1 45	26	Morn.					
26	2	Sirius rises 3 13	5 25	6 35	1 28	♄ 9	0 11					
27	3	♃ stationary	5 26	6 34	1 11	22	1 9					
28	4	Augustine.	5 27	6 33	0 54	♄ 5	2 17					
29	5	St. John Baptist Beh.	5 29	6 31	0 36	19	3 29					
30	6	Rain in great	5 30	6 30	0 18	♃ 3	4 43					
31	7	abundance.	5 31	6 29	fast 0	18	☉ sets					

Third Summer Month, AUGUST.

Days.	Planets' Places, &c.								Sage.	☉'s		Alioth	
	☉	☽	♃	♄	♅	♆	♇	♁		lat.	on Mer.		
	Ω	♊	Ω	♈	Ω	♋	♌	♍		D.	H.	M.	
1	9	20	1	23	24	25	3	11	1	5 N	4	0	
7	15	21	2	24	28	♄	11	11	7	0	3	37	
13	21	21	3	25	♋	6	18	11	13	5 S	3	15	
19	27	21	3	26	5	12	23	10	19	2 S	2	52	
25	♋	22	4	27	9	17	26	10	25	4 N	2	30	

D.	H. M.	H. W.	them.
1	Aft. 14	2	2
2	1 7	2	55
3	1 59	3	47
4	2 49	4	37
5	3 38	5	26
6	4 27	6	15
7	5 17	7	5
8	6 10	7	58
9	7 7	8	55
10	8 5	9	53
11	9 5	10	53
12	10 3	11	34
13	10 59	0	15
14	11 51	1	11
15	Morn.	2	2
16	0 39	2	51
17	1 23	3	35
18	2 5	4	17
19	2 45	4	57
20	3 25	5	37
	4 6	6	18
	4 49	7	
23	5 34	7	46
24	6 22	8	34
25	7 15	9	27
26	8 10	10	22
27	9 6	11	18
28	10 3	0	3
29	10 59	0	47
30	11 53	1	41
31	Aft. 45	2	33

They were built three or four stories high, and beautified with all manner of ornaments towards the streets. The space within, in the middle of each square, was employed for yards, gardens, and other such uses; so that Babylon was greater in appearance than reality, near one half of the city being taken up in gardens and other cultivated lands.

OF REGULUS.

THE behaviour of Regulus, the Roman general, may give us an idea of the spirit which then animated that warlike people. The Carthaginians, wearied out with this tedious war, sent ambassadors to Rome, to make overtures of peace.—Regulus had now been a prisoner in Carthage five years, & the Carthaginians engaged him to plead their cause. But they first exacted a promise from him to return to Carthage, in case the embassy proved unsuccessful. It was at the time hinted to him that his life depended on the success of the negotiation. On his arrival at Rome, he acquainted the Senate with the motive of his journey at the same time used every argument to dissuade the Romans from peace, or an exchange of prisoners, who, he said, “ had ignominiously surrendered their arms to the enemy. And that as to himself, he was far advanced in years, and looked upon death, though inflicted with the most cruel torture, as nothing in competition with the service of his country.” He at length prevailed on the Senate to comply with his noble and unparalleled counsel, and though he well knew the fatal consequences to himself, the illustrious prisoner would not break his engagement with the enemy, but returned to Carthage. And it is horrid to relate, that the Carthaginians imprisoned him in a dungeon, and cutting off his eye-lids, exposed him to the sun when its beams darted the strongest heat. They next put him into a barrel stuck full of nails, whose points pricking his flesh, allowed him not a moment's

IX Month, SEPTEMBER, hath 30 Days.

From his exhaustless stores AUTUMN sheds,
The mellow Bounties of the ripen'd year;
Far round, the lavish scene of PLENTY spreads,
And blesses Nature's family with cheer.

First ☽ 6th, 9h. 58m. M. | Last ☽ 22d, 2h. 22m. M.
Full ☉ 13th, 9h. 30m. A. | New ☉ 29th, 3h. 3m. M.

D.	M.	D.	W.	MISCELLANEOUS PARTICULARS.	☉	☉	☉	☽'s	☉
					rises.	sets.	fast.	place.	rises.
					H. M.	H. M.	M. S.	S. D.	H. M.
1	F	15	Sun.	after Trinity	5 32	6 28	0 19	☾ 3	7 47
2	2		☉	in perigee	5 34	6 26	0 38	17	8 13
3	3			<i>Now cool weather.</i>	5 35	6 25	0 57	♊ 2	8 41
4	4			Days decrease 2h 2m	5 36	6 24	1 17	16	9 12
5	5			<i>High winds.</i>	5 37	6 23	1 37	♄ 1	9 50
6	6			Dog-days end	5 39	6 21	1 57	15	10 26
7	7			<i>Cool mornings</i>	5 40	6 20	2 17	28	11 30
8	F			Nativity V. Mary	5 41	6 19	2 37	♁ 12	Morn.
9	2			<i>and evenings.</i>	5 43	6 17	2 57	25	0 33
10	3			♁ ☉ ♀ inferior	5 44	6 16	3 18	♊ 8	1 41
11	4			<i>Rain and</i>	5 45	6 15	3 38	21	2 50
12	5			<i>high winds.</i>	5 46	6 14	3 59	♄ 4	3 56
13	6			7*s rise 8 43 ♁ ☉ ⊕	5 48	6 12	4 20	16	☉ rises
14	7			<i>Pleasant weather.</i>	5 49	6 11	4 41	29	6 45
15	F	17	Sun.	after Trinity	5 50	6 10	5 2	♁ 11	7 6
16	2			<i>Cloudy.</i>	5 52	6 8	5 23	23	7 26
17	3			Lambert	5 53	6 7	5 44	♄ 4	7 49
18	4			☉ in apogee	5 54	6 6	6 4	16	8 16
19	5			<i>Rainy weather.</i>	5 56	6 4	6 25	28	8 47
20	6			♀ stationary	5 57	6 3	6 46	♁ 10	9 25
21	7			St. Matthew	5 58	6 2	7 7	22	10 10
22	F			☉ enters ♋	5 59	6 1	7 28	♁ 4	11 3
23	2			☉ ☉ ♃	6 1	5 59	7 49	17	Morn.
24	3			<i>High winds with rain.</i>	6 2	5 58	8 9	30	0 5
25	4			[♀'s elongation	6 3	5 57	8 30	♁ 13	1 13
26	5			Cyprian ♀ stationary	6 5	5 55	8 50	27	2 27
27	6			<i>Perhaps frost.</i>	6 6	5 54	9 10	♁ 11	3 41
28	7			<i>Northern lights.</i>	6 7	5 53	9 30	26	4 57
29	F			St. Michael	6 9	5 51	9 50	♁ 11	☉ sets
30	2			St. Jerome. ☉ in perig	6 10	5 50	10 9	26	6 48

First Fall Month, SEPTEMBER.

Days.	Planets' Places, &c.								☉ 's lat.	Alioth on Mer.		
	☉	☊	♃	♄	♅	♆	♇	♈		D.	H.	M.
	☉	☊	♃	♄	♅	♆	♇	♈				
1	9	22	5	28	14	22	24	10	3	3 N	2	5
7	15	23	6	29	18	26	21	9	9	4 S	1	43
13	21	23	6	29	21	29	15	9	15	4 S	1	22
19	27	23	7	♁	25	♋	12	9	21	2 N	1	0
25	♈	24	7	1	29	2	15	8	27	5 N	0	39

D.	M.	H. M.	H. M.	W.	eafe:	At last, to complete their cruelty, they nailed	this noble Roman to a cross, where he expired. By	this one act only, did the Carthaginians bring an	eternal infamy on themselves and their country.
1	1	36	3	24					
2	2	27	4	15					
3	3	19	5	7					
4	4	12	6	0					
5	5	9	6	57					
6	6	7	7	55					
7	7	6	8	54					
8	8	5	9	53					
9	9	2	10	50					
10	9	54	11	42					
11	10	42	0	18					
12	11	28	0	54					
13	Morn.		1	40					
14	0	10	2	22					
15	0	51	3	3					
16	1	31	3	43					
17	2	11	4	23					
18	2	53	5	5					
19	3	37	5	49					
20	4	24	6	36					
21	5	15	7	27					
22	6	8	8	20					
23	7	2	9	14					
24	7	58	10	10					
25	8	53	11	4					
26	9	48	11	48					
27	10	40	0	28					
28	11	32	1	20					
29	Aft.	23	2	11					
30	1	16	3	4					

HARVEST.

— "Think! oh, grateful, think!
— "How good the God of harvest is to you."

THIS text is addressed to the husbandman, who, when gathering in his harvest is warned not to be too saving and niggard of the bounties which heaven hath liberally bestowed upon him; to be mindful of the poor and needy; to enquire into their necessities, and relieve them as much as is in his power, nor turn them empty away.

Fortune is not always the lot of the just; and if any thing can be the off-spring of chance, this gift is one of her children. Virtue, honor

X Month, OCTOBER, hath 31 Days.

Now baleful mists no more prevail, nor Auster's dreaded breath,
 Who spreads in his contagious gale, variety of death.
 But now the salutary cold shall drooping vigor rear;
 Shall brace the young, and give the old to breathe another year.

First ☽ 5th, 6h. 33m. Aft. | Last ☾ 28th, 5h. 43m. Aft.
 Full ☉ 13th, 2h. 23m. Aft. | New ☽ 28th, oh. 35m. Aft.

D.	M.	D.	W.	MISCELLANEOUS PARTICULARS.	☀		☽		☾		D's		D	
					rises.	sets.	fast.	place.	sets.	H. M.	H. M.	M. S.	S. D.	H. M.
1		3		Like for rain.	6 11	5 49	10 28	♈ 11		7 18				
2		4		☽ south 5 30.	6 13	5 47	10 47		26	7 55				
3		5		Clear and pleasant.	6 14	5 46	11 5	♈ 11		8 39				
4		6		Sirius rises 0 54	6 15	5 45	11 23		25	9 32				
5		7		High winds.	6 17	5 43	11 41	♈ 9	10	10 34				
6	F	20		Sun. after Trinity.	6 18	5 42	11 58		22	11 41				
7		2		Look for a	6 19	5 41	12 15	♈ 5		Morn.				
8		3		N. E. storm.	6 20	5 40	12 32		18	0 50				
9		4		Denys	6 22	5 38	12 48	♈ 1		1 57				
10		5		7* s south 2 34	6 23	5 37	13 3		13	3 3				
11		6		Heavy dew.	6 24	5 36	13 18		25	4 5				
12		7		Cool mornings.	6 26	5 34	13 33	♈ 7		5 6				
13	F	21		Sun. after Trinity	6 27	5 33	13 47		19	☽ rif.				
14		2		Blustering.	6 28	5 32	14 0	♈ 1		6 3				
15		3		☉ in apogee	6 29	5 31	14 13		13	6 28				
16		4		♂ ☉ ♀ inferior	6 31	5 29	14 25		25	6 56				
17		5		Clear and cool.	6 32	5 28	14 37	♈ 7		7 30				
18		6		St. Luke	6 33	5 27	14 49		18	8 12				
19		7		☽ stationary	6 35	5 25	14 59		30	9 1				
20	F	22		Sun. after Trinity	6 36	5 24	15 9	♈ 13		9 58				
21		2		The clouds gather	6 37	5 23	15 19		25	11 2				
22		3		for a storm.	6 38	5 22	15 27	♈ 8		Morn.				
23		4		☉ enters ♍	6 40	5 20	15 35		22	0 11				
24		5		Clears up cool.	6 41	5 19	15 43	♈ 5		1 23				
25		6		Crispin. ♂ ☉ ♀ super	6 42	5 18	15 49		20	2 36				
26		7		Pleasant weather.	6 43	5 17	15 55	♈ 4		3 51				
27	F	23		Sun. after Trinity	6 44	5 16	16 1		19	5 8				
28		2		St. Simon and Jude	6 46	5 14	16 5	♈ 4		☉ sets				
29		3		☉ in perigee	6 47	5 13	16 9		19	5 53				
30		4		Cold sour weather.	6 48	5 12	16 12	♈ 5		6 34				
31		5		Arcturus sets 6 56	6 49	5 11	16 14		19	7 23				

Second Fall Month, OCTOBER.

Days.	Planets' Places, &c.								☉'s sage.	☉'s lat. D.	Alioth on Mer.	
	☉	☽	♃	♄	♅	♆	♇	♁			H.	M.
1	8	24	8	1	3	1	22	8	3	0	17	
7	14	25	8	1	7	♁	♁	8	9	5 S	11 51	
13	20	25	9	1	11	26	12	7	15	2 S	11 29	
19	26	25	9	2	15	23	22	7	21	4 N	11 7	
25	♄	25	10	2	19	19	♄	7	27	4 N	10 44	

D. M.	H. W.		Phila.	
	H.	M.	H.	M.
1	2	10	3	58
2	3	8	4	56
3	4	7	5	55
4	5	8	6	56
5	6	9	7	57
6	7	6	8	54
7	8	0	9	48
8	8	49	10	37
9	9	35	11	23
10	10	17	11	56
11	10	58	0	29
12	11	38	1	10
13	Morn.		1	50
14	0	18	2	30
15	1	0	3	12
16	1	43	3	55
17	2	28	4	40
18	3	16	5	28
19	4	8	6	20
20	5	1	7	13
21	5	55	8	7
22	6	49	9	1
23	7	41	9	53
24	8	33	10	45
25	9	23	11	35
26	10	14	0	14
27	11	6	0	54
28	11	59	1	47
29	Aft.	56	2	44
30	1	56	3	44
31	2	59	4	47

and integrity are not entitled exclusively to riches. Industry and frugality have the fairest pretensions; yet these are often frustrated; sickness, accidents, & a thousand casualties combine to prevent the supposed natural course of things.

At this season of the year, every thing calls upon man to be grateful, provident and charitable—thousands of objects call upon him for praise to the God of nature and being—now can your charity be extended and you can scarcely feel it. Contrast your situations, and make your own comments.

Falls of the Potomac.

THE passage of the Potomac through the Blue Ridge is one of the most stupendous scenes in nature. You stand on a very high point of land. On your right comes up the Shenandoah, having ranged along the foot of the mountain an hundred miles to seek a vent. On your left approaches the Potomac, in quest of a passage also. In the moment of their junction they rush together against the mountain, rend it asunder, and pass off to the sea. The first glance of this scene hurries our senses into the opinion, that this earth has been created in time, that the mountains were formed first, that the rivers began to flow afterwards, that in this place particularly they have been dammed up by the Blue ridge of mountains, and have formed an ocean which filled the whole valley; that continuing to rise they have at length broken over at this spot, and have torn the mountain down from its summit to its base. The piles of rock on each hand, but particularly on the Shenandoah, the evident marks of their disrapture and avulsion from their beds by the most

powerful agents of nature, corroborate the impresson. But the distant finishing which nature has given to the picture is of a very different character. It is as placid and delightful, as that is wild and

XI Month, NOVEMBER, hath 30 Days.

With frost the tender vines are nipt,
The groves are of their foliage stript,
Bleak chilling winds begin to blow,
And falling leaves earth's bosom strow.

First ☽ 4th, 6h. 33m. Morn. | Last ☾ 20th, 6h. 49m. Morn.
Full ☉ 12th, 9h. 7m. Morn. | New ☽ 26th, 10h. 49m. Aft.

D.	M.	D. W. P.	MISCELLANEOUS PARTICULARS.	☀	☀	☀	D's		D
				rises.	sets.	fast.	place	sets.	
				H. M.	H. M.	M. S.	S. D.	H. M.	
1			All Saints	6 51	5 9	16 15	♄ 4	8 25	
2		7	☐ ☉ ♄	6 52	5 8	16 16	18	9 31	
3		F	24 Sun. after Trinity.	6 53	5 7	16 16	♃ 2	10 41	
4		2	Good weather,	6 54	5 6	16 14	15	11 51	
5		3	warm and	6 55	5 5	16 12	28	Morn.	
6		4	♄ stationary	6 56	5 4	16 10	♃ 10	0 57	
7		5	smoky about	6 57	5 3	16 6	22	2 0	
8		6	7*s south ☉ 47	6 58	5 2	16 1	♃ 4	3 2	
9		7	these days.	7 0	5 0	15 56	16	4 2	
10		F	25 Sun. after Trinity	7 1	4 59	15 49	28	5 2	
11		2	Martin. ☉ in apogee	7 2	4 58	15 42	♃ 10	6 2	
12		3	White frost.	7 3	4 57	15 34	22	☽ rises.	
13		4	Bull's eye south 1 12	7 4	4 56	15 25	♃ 4	5 31	
14		5	Now rain.	7 5	4 55	15 16	15	6 10	
15		6	♃ south 2 40.	7 6	4 54	15 5	28	6 57	
16		7	Clear and cold.	7 7	4 53	14 54	♃ 10	7 51	
17		F	Sirius south 3 6	7 8	4 52	14 42	22	8 51	
18		2	Expect a storm at	7 9	4 51	14 29	♃ 5	9 56	
19		3	band.	7 10	4 50	14 15	18	11 4	
20		4	7*s south 11 45	7 10	4 50	14 0	♃ 1	Morn.	
21		5	♄ stationary	7 11	4 49	13 45	14	0 15	
22		6	☉ enters ♄	7 12	4 48	13 29	28	2 6	
23		7	Clement	7 13	4 47	13 12	♃ 13	2 38	
24		F	Variable weather.	7 14	4 46	12 54	27	3 54	
25		2	♄ south 4 48	7 15	4 45	12 36	♃ 12	5 12	
26		3	☉ in perigee	7 15	4 45	12 17	27	☉ sets	
27		4	A heavy storm of	7 16	4 44	11 57	♃ 13	5 4	
28		5	rain with some flakes of	7 17	4 43	11 37	28	6 0	
29		6	snow intermixed.	7 18	4 42	11 15	♃ 12	7 5	
30		7	St. Andrew	7 18	4 42	10 53	26	8 17	

Third Fall Month, NOVEMBER.

DAYS.	Planets' Places, &c.									☉'s lat.	Alioth on Mer.		
	☉	☽	♃	♄	♅	♆	♇	♁	♂		D.	H.	M.
	♌	♍	♎	♏	♐	♑	♒	♓					
1	9	26	10	1	23	17	14	6	5	4 S	10	17	
7	15	26	10	1	27	16	23	6	11	4 S	9	53	
13	21	26	10	1	♏	17	♄	6	17	2 N	9	29	
19	27	27	10	0	5	19	11	5	23	5 N	9	4	
25	♁	27	10	II	9	22	20	5	29	1 S	8	39	

D.	☉		H. W.		tremendous. For the mountain being cloven asunder, she presents to your eye, through the cleft, a small catch of smooth blue horizon, at an infinite distance in the plain country, inviting you, as it were, from the riot and tumult roaring around, to pass through the breach and participate of the calm below. Here the eye ultimately composes itself; and that way too the road happens actually to lead. You cross the Potomac above the junction, pass along its side through the base of the mountain for three miles, its terrible precipices hanging in fragments over you, and within about 20 miles reach Frederick Town and the fine country round it. This scene is worth a voyage across the Atlantic. Yet here, as in the neighborhood of the natural bridge, are people who have passed their lives within half a dozen miles and have never been to survey these monuments of a war between rivers and mountains, which must have shaken the earth itself to its centre.
	South.	Philad.	H.	M.	
1	4	2	5	50	
2	5	1	6	49	
3	5	58	7	46	
4	6	50	8	38	
5	7	36	9	24	
6	8	19	10	7	
7	9	0	10	48	
8	9	40	11	28	
9	10	20	0	0	
10	11	1	0	32	
11	11	43	1	13	
12	Morn.		1	55	
13	0	27	2	29	
14	1	14	3	26	
15	2	4	4	16	
16	2	57	5	9	
17	3	50	6	2	
18	4	42	6	54	
19	5	33	7	45	
20	6	23	8	35	
21	7	12	9	24	
22	8	0	10	12	
23	8	48	11	0	
24	9	39	11	39	
25	10	32	0	20	
26	11	30	1	18	
27	Aft.	33	2	21	
28	1	37	3	25	
29	2	40	4	28	
30	3	40	5	28	

Of the Falling Spring.

THE only remarkable cascade in this country, (Virginia) is that of the Falling Spring in Augusta. It is a water of James river, where it is called Jackson's river, rising in the Warm Spring mountains, about twenty miles South West of the Warm Spring, and flowing into that valley. About three quarters of a mile from its source, it falls over a rock 200 feet into the valley below. The sheet of water is broken in its breadth by the rock in two or three places, but not at all in its height. Between the sheet and rock at the bottom, you may walk across dry. This cataract will bear no comparison with that of Niagara, as to the quantity of water composing it; the sheet being only 12 or 15 feet wide above, and somewhat more spread below; but it is half as high again, the latter being only 156 feet, according to the mensuration made by order of M. Vaudreuil, Governor of Canada.

XII Month, DECEMBER, hath 31 Days.

The Sun, far southward, bends his annual way,
 The bleak North-east wind lays the forest bare,
 The fruit, ungather'd, quits the naked spray,
 And dreary winter reigns o'er earth and air.

First ☽ 3d, 10h. 25m. Aft. | Last ☾ 19th, 5h. 40m. Aft.
 Full ☉ 12th, 3h. 54m. M. | New ☉ 26th, 9h. 53m. Morn.

D.	D.	MISCELLANEOUS PARTICULARS.	☉		☽		☾		D's	
			rises.	sets.	fast.	place.	sets.	H.	M.	
M.	W.		H.	M.	M.	S.	S.	D.	H.	M.
1	F	Advent	7 19	4 41	10 31	∞	10		9	29
2	2	☿ south 1 20	7 19	4 41	10 7		24		10	39
3	3	Clear and cold.	7 20	4 40	9 43	♄	6		11	41
4	4	☿ rises 8 56	7 21	4 39	9 19		19			Morn.
5	5	Deep Snow	7 21	4 39	8 54	♃	1		0	47
6	6	Nicholas	7 22	4 38	8 28		13		1	47
7	7	about this time.	7 22	4 38	8 2		25		2	46
8	F	Conception of V. M.	7 23	4 37	7 35	♄	7		3	46
9	2	☉ in apo. ♃'s elonga.	7 23	4 37	7 8		19		4	46
10	3	Hard frost.	7 23	4 37	6 40		30		5	46
11	4	7*'s south 10 20	7 24	4 36	6 12	♄	12		6	47
12	5	Serene and cold,	7 24	4 36	5 44		24		☉	rises
13	6	☿ south 3 28	7 24	4 36	5 15	♄	7		5	36
14	7	Arcturus rises 1 27	7 25	4 35	4 46		19		6	34
15	F	perhaps rain, or a little snow.	7 25	4 35	4 17	♄	2		7	39
16	2		7 25	4 35	3 48		15		8	46
17	3	☿ stationary	7 25	4 35	3 18		28		9	53
18	4	♄ ☉ ♃ ☉ ⊕	7 25	4 35	2 48	♄	11		11	1
19	5	Sirius rises 7 44	7 25	4 35	2 18		25			Morn.
20	6	Look for a	7 25	4 35	1 49	♄	8		0	12
21	7	St. Thomas ☉ ent. ♃	7 25	4 35	1 19		22		1	23
22	F	storm of Snow.	7 25	4 35	0 49	♄	7		2	37
23	2	Arcturus rises 0 46	7 25	4 35	0 19		21		3	54
24	3	☉ in perigee	7 25	4 35	♄. 11	♄	6		5	13
25	4	Christmas	7 25	4 35	0 41		21		6	32
26	5	St. Stephen ☉ ☉ ♃	7 25	4 35	1 11	♃	6		☉	sets
27	6	St. John [inferior	7 25	4 35	1 41		20		5	40
28	7	Innocents ♃'s elonga.	7 25	4 35	2 10	∞	4		6	53
29	F	Cloudy	7 24	4 36	2 39		18		8	6
30	2	with severe weather.	7 24	4 36	3 8	♄	2		9	16
31	3	Silvester	7 24	4 36	3 37		25		10	20

First Winter Month, DECEMBER.

Days.	Planets' Places, &c.								♁ 's deg.	♁ 's lat.	Alioth on Mer.		
	☉	☿	♁	♂	♀	♃	♄	♅			D.	H.	M.
	♌	♍	♎	♏	♐	♑	♒	♓					
1	10	27	10	29	13	26	29	5	6	5 S	8	13	
7	16	27	10	28	18	♏	♑	5	12	1 S	7	47	
13	22	27	10	27	22	6	11	4	18	4 N	7	21	
19	28	27	9	26	26	11	12	4	24	3 N	6	54	
25	♑	27	9	25	30	17	6	4	30	4 S	6	28	

Of the Natural Bridge.

D.	South.		H. W. Phila.		THE Natural Bridge is one of the most sublime of Nature's works. It is on the ascent of a hill, which seems to have been cloven thro' its length by some great convulsion. The fissure, just at the bridge, is, by some admeasurements, 270 feet deep, by others only 205—It is about 45 feet wide at the bottom, and 90 at the top; this of course determines the length of the bridge, and its height from the water. Its breadth, in the middle, is about 60 feet, but more at the ends, and the thickness of the mass at the summit of the arch, about 40 feet. A part of this thickness is constituted by a coat of earth, which gives growth to many large trees. The residue, with the hill on both sides, is one solid rock of lime stone. The arch approaches the semi-elliptical form; but the larger axis of the ellipsis, which would be the cord of the arch, is many times longer than the transverse. Tho' the sides of the bridge are provided in some parts with a parapet of fixed rocks, yet few men have resolution to walk to them and look over into the abyss. You involuntarily fall on your hands and feet, creep to the parapet and peep over it. Looking down from this height about a minute, gave me a violent head ach. If the view from the top be painful and intolerable, that from below is delightful in an equal extreme. It is impossible for the emotions arising from the sublime, to be felt beyond what they are here: so beautiful an arch, so elevated, so light, and springing, as it were, up to heaven, the rapture of the spectator is indelible! The fissure continuing narrow, deep and strait, for a considerable distance above and below the bridge, opens a short but very pleasing view of the North Mountain on one side, and Blue Ridge on the other, at the distance each of them of about five miles. This bridge is in the county of Rockbridge, [Virg.] to which it has given name, and affords a public and commodious
	H. M.	H. M.	H. M.	H. M.	
1	4 35	6 23			
2	5 25	7 13			
3	6 10	7 58			
4	6 52	8 40			
5	7 32	9 20			
6	8 11	9 59			
7	8 51	10 39			
8	9 32	11 20			
9	10 15	11 53			
10	11 1	0 27			
11	11 50	1 13			
12	Morn.	2 2			
13	0 43	2 55			
14	1 36	3 48			
15	2 28	4 40			
16	3 20	5 32			
17	4 10	6 22			
18	4 37	7 9			
19	5 43	7 55			
20	6 30	8 42			
21	7 18	9 30			
22	8 8	10 20			
23	9 1	11 13			
24	9 59	11 59			
25	11 2	0 50			
26	aft. 6	1 54			
27	1 9	2 57			
28	2 7	3 55			
29	3 1	4 49			
30	3 49	5 37			
31	4 33	6 21			

passage over a valley, which cannot be crossed elsewhere for a considerable distance. The stream passing under it is called Cedar Creek. It is a water of James river, and sufficient in the driest seasons to turn a grist-mill, tho' its fountain is not more than two miles above.

A Table reducing Pence and Shillings to Cents.

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

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

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

per Day	per Week			per Month			per YEAR			per Day	per Week			per Month			per YEAR		
	l.	s.	d.	l.	s.	d.	l.	s.	d.		l.	s.	d.	l.	s.	d.	l.	s.	d.
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 of Interest, for Six and Seven Per Cent.
 At Six per Cent. At Seven per Cent.

		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.	
Shillings.	5	0	0	1	0	1	3	0	1	3	0	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	
Pounds.	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	0	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	
				s.	d.		s.	d.		s.	d.		s.	d.		s.	d.		s.	d.
Tens of Pounds.	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.

SIXTH CONGRESS—*Members from New-Jersey.*

- | | |
|---|--|
| James Linn, Esq.
James H. Imlay, Esq.
John Condit, Esq. | Aaron Kitchell, Esq.
Franklin Davenport, Esq. |
|---|--|

COMMISSIONERS

For the Valuation of Lands, Houses, &c. for New-Jersey.

- | | |
|--|--|
| Jonathan Rhea, <i>President</i> ,
Peter Vredenburg, jun.
David Ford, | John Black,
John Blackwood.
Jacob Benjamin, <i>Clerk</i> . |
|--|--|

Governor and Commander in Chief of the State of New-Jerley,
RICHARD HOWELL, Esquire.

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Bergen. Council, John Outwater. Assembly, Peter Ward, Thomas Blanch, Robert Campbell.

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

Middlesex. Council, Andrew Kirkpatrick. Assembly, Gershom Dunn, Thomas McDowell, James Morgan.

Monmouth. Council, Elisha Walton. Assembly, Joseph Stillwell, William Lloyd, Jonathan Forman.

Somerset. Council, Peter DeVroom. Assembly, Henry Southard, James Van Duyn, David Kelly.

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Sussex. Council, Charles Beardlee. Assembly, John Gustin, Joseph Gaston, Levi Howell, William Runkle.

John Beatty, Clerk of Council.

Maskel Ewing, Clerk of Assembly.

Officers in the Court of Chancery of New-Jersey.

Chancellor, The Governor.

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

Examiners, Gershom Craft, Isaac H. Williamson.

Justices of the Supreme Court, &c.

James Kinsley, Chief Justice—Isaac Smith, Second Justice—Andrew Kirkpatrick, Third Justice, Elisha Boudinot, Fourth Justice.

Aaron D. Woodruff, Attorney-General.

James Mot, Treasurer.

John Beatty, Secretary of the State.

Jonathan Rhea, Clerk of the Supreme-Court.

Aaron Dunham, Auditor.

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	James Lloyd
<i>Somerset,</i>	F. Frelinghuysen	John Mehelms	Joseph Dety

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

FEDERAL COURTS.

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 second of April and second 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.

NEW-JERSEY.

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 January	3 September
<i>Middlesex,</i>	2 June	3 December
<i>Monmouth,</i>	4 April	3 October
<i>Somerst,</i>	3 April	1 October
<i>Burlington,</i>	3 May	1 November
<i>Gloucester,</i>	3 March	1 October
<i>Salem,</i>	1 March	3 September
<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 Novem.
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,	3 February	3 August	4 May	4 Novem.

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, on the first Monday in January, April and September. The terms continue only fourteen days, except January term, which lasts for twenty-one days.

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,	3 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.
<i>Lycoming, the Mondays next succeeding the courts in Northumberland.</i>				
Cumberland,	1 January,	1 April,	1 August,	last October
Mifflin,	2 January,	2 April,	2 August,	2 Novem.
Huntingdon,	3 January,	3 April,	3 August,	3 Novem.
Bedford,	4 January,	4 April,	4 August,	3 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.
<i>Somerset, on the Mondays next following the courts of Westmoreland.</i>				
<i>Fayette, on the Mondays next following the courts of Somerset.</i>				
<i>Washington, on the Mondays next following the courts of Fayette.</i>				
<i>Greene, on the Mondays next following the county courts of Fayette.</i>				

Mayor's Courts are held,

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

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Members of the Supreme Court of the United States.
Chief Justice, Oliver Ellsworth, Connecticut. Associate Judges,
William Cushing, Massachusetts; John Blair, Virginia; James Iredel,
North-Carolina; William Paterson, New-Jersey; Bushrod Washington, Virginia.

TELECRUS, being asked, why it was a custom at Sparta for youth to rise up to the aged, said, that being accustomed to give honour to those unconnected with them, they might the more readily honour their parents.

One went to Lacedæmon, & observing the honor which the younger gave the elder, said, in Sparta alone it is a good thing to grow old.

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

FROM Philad.		Stamford	44	139	Worcester	49	300
to Bristol	2	Norwalk	10	149	Boston	45	345
Trenton	10	Fairfield	12	161	Salem	19	563
Princeton	12	Stratford	8	169	Ipswich	12	375
Brunswick	18	New-Haven	14	183	Newbury	12	387
Bridge-town	12	Middletown	26	209	Portsmouth	22	409
Eliz.-town	8	Hartford	14	223	Portland, Casco-		
New-York	15	Springfield	28	251	bay	60	460

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

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

Roads from Philadelphia to Pittsburg.

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