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THE CITIZEN'S & FARMER'S
ALMANAC,
FOR THE YEAR OF OUR LORD

Hand
1822;

BEING THE
Second after Leap Year or Bissextile,
AND THE FORTY-SIXTH OF THE
INDEPENDENCE OF THE UNITED STATES
CONTAINING
The usual Astronomical Calculations,
And a Great Variety of other Use-
ful Matter.

—*—*—*—
BY DAVID YOUNG, PHILOM.
—*—*—*—

FITTED TO THE LATITUDE AND MERIDIAN
OF MORRIS-TOWN...N. J.

MORRIS-TOWN :

PRINTED BY JACOB MANN.

BY WHOM BOOKS...BLANKS...CARDS...HANDBILLS, AND ALL
KINDS OF PRINTING ARE NEATLY EXECUTED.

January 1 - 1822
January 1 1822
February

The Anatomy of Man's Body, AS GOVERNED BY THE TWELVE CONSTELLATIONS

☿ *Head and Face.*



To know where the SIGN is, find the day of the month, and against the day, in the fourth column, you have the sign or place of the moon—then find the sign here, and it will give you what part of the body it governs.

<i>The twelve Signs of the Zodiac.</i>		<i>Aspects.</i>
NORTHERN.	SOUTHERN.	♌ Conjunction.
☿ Aries, a Ram.	♎ Libra, a Balance.	♌ Opposition.
♉ Taurus, a Bull.	♏ Scorpio, a Scorpion.	♌ Trine.
♊ Gemini, Twins.	♐ Sagittarius an archer.	♌ Quartile.
♋ Cancer, Crab-fish.	♑ Capricorn, a Goat.	♌ Sextile.
♌ Leo, a Lion.	♒ Aquarius.	♌ { Ascen-
♍ Virgo, a Virgin.	♓ Pisces, Fishes.	♌ { ding node.

The Names and Characters of the PLANETS.

<i>Superior.</i>	<i>Middle.</i>	<i>Inferior.</i>
♄ Saturn,	☉ Sol.	♀ Venus,
♃ Jupiter,	♁ Earth,	☿ Mercury,
♂ Mars,		☾ Luna.
♃ Herschel,		

Method in which the characters of the Sun and Moon are used

☾ New Moon,	} Qr. or ☽ in general.	☾ Full Moon,
☽ First		☼ Sun.
☾ Last		

A Table of the Equation of Time,

Which is indispensably necessary in order either to set or regulate Clocks and Watches with precision.

NOTE.—fa. Clock too fast; that is, your Clock to be set right must be so much faster than the Sun-Dial, Sl. Clock too slow; that is your Clock must be so much slower than the Sun-Dial.

Days.	Jan.		Feb.		Mar.		Apr.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.		
	m.	s.	Fast.	Sl.	Fast.	Sl.	Fast.	Sl.	Fast.	Sl.	Fast.	Sl.	Fast.	Sl.	Fast.	Sl.	Fast.	Sl.	Fast.	Sl.	Fast.	Sl.	Fast.	Sl.	
1	5	55	13	58	12	40	4	0	3	4	2	37	3	21	5	59	0	7	10	17	16	15	10	45	
5	5	46	14	23	11	48	2	48	3	18	2	18	3	44	5	41	1	24	11	31	16	14	9	58	
9	6	39	14	31	11	20	2	13	3	40	1	37	4	55	4	11	2	41	2	31	16	14	9	9	
11	7	29	14	35	10	50	1	39	3	48	1	15	4	44	5	13	2	44	12	39	16	0	7	25	
13	9	4	14	34	9	45	0	34	3	53	0	5	2	4	56	3	25	13	10	15	48	6	30		
15	9	48	14	30	9	11	fa.	3	57	sl.	25	31	4	17	4	36	4	7	13	40	15	32	5	33	
17	10	29	14	22	8	36	1	27	3	56	fa.	24	5	31	4	50	5	49	14	7	15	13	4	36	
19	11	7	14	11	8	0	0	5	43	52	0	50	5	42	3	50	5	8	14	32	14	51	3	37	
21	11	42	13	58	7	24	1	21	3	52	0	50	5	52	3	56	5	14	14	55	14	25	2	38	
23	12	14	13	42	6	47	1	45	3	46	1	15	5	59	2	57	6	14	14	55	14	25	2	38	
25	12	43	13	24	6	10	2	45	3	38	1	41	6	52	2	56	6	14	14	55	14	25	1	38	
27	13	8	13	3	5	33	2	83	28	2	7	6	8	52	2	77	7	37	15	32	13	24	sl.	38	
29	13	13	1	3	4	56	2	29	3	16	2	32	6	8	1	55	8	18	15	47	12	48	fa.	22	
31	13	13	50				2	47	3	1	2	57	6	6	2	48	9	59	15	59	12	10	1	22	
							2	45									8	39	16	8	1	28	2	21	
																	12	16	14					3	19

MAXIMS.

You must pardon numerous trivial faults in your friends, if you would live well with them, or even with yourself. No man is perfect. When we reflect how few there are for whom we have an unqualified esteem, we are not to be surprised that so few have an unqualified esteem for us.

Select Remarks.

Whoever will live in society, must make himself sociable; and the only way to learn to be sociable, is to be often in society.

To inure young persons to bear patiently small injuries, is a capital branch of education. Nothing tends more effectually to secure men against injuries.

Chronological Cycles.

Moveable Feasts.

Dominical Letter	F	Easter Sunday	April 7
Golden Number	18	Rogation Sunday	May 12
Epact	7	Ascension	May 16
Solar Cycle	11	Whitsunday	May 26
Roman Indiction	10	Trinity Sunday	June 2
Julian Period	6535	Advent	Dec. 1

CARDINAL POINTS.

	D.	H.	M.
Vernal Equinox	March 20	11	9 P. M.
Summer Solstice	June 21	8	30 P. M.
Autumnal Equinox	Sept. 23	10	20 A. M.
Winter Solstice	Dec. 22	3	29 A. M.

COMMON NOTES.

Venus (♀) will be evening star until March 9th, then morning star until December 23d, then evening star until October 10th, 1823.

The moon runs highest, this year, about the 24th degree of (♊) Gemini, and lowest about the 24th degree of (♐) Sagittarius

Latitude of Herschel (♁) about 18 minutes south this year.

THE TIDE TABLE,

Showing the time of High-Water at New-York and Eliz. Town Point, will be found in the last column of each calendar page, which also exhibits the time of High-Water at New-London, Tarpaulin-Cove, Cape-Healopen, Sandwich-Bay, Cockspur in Georgia, and Brunswick in North-Carolina; and, by adding thereto and subtracting therefrom, the annexed quantities of time, we have the time of H.W. at the places enumerated below

PLACES' NAMES	S	M	PLACES' NAMES	S	M	PLACES' NA'S.	S	M
Albany,	A	6	Georgetown, B.	S	2	New-Haver,	A	1
Amboy,	S	0	Hackensack,	A	3	New-Prov.	S	1
Boston,	A	2	Halifax,	A	3	Newtown, I.	A	1
Bridgetow. E.J.	S	0	Hartford,	A	2	Philadelphia,	A	5
Burlington,	A	0	Hell-Gate,	A	0	Piscataway,	A	2
Cape Hatteras,	A	2	Huntington,	A	2	Portsmouth,	A	2
Charleston U.S.	S	2	Nantucket I.	S	1	Providence,	S	0
Cape May,	S	0	Newburyport,	A	2	Sandy-Hook,	S	0

He who is unwilling to die when he must, and he who desires to die when he must not, are alike cowards.

Covetous persons resemble sponges, which greedily drink in the water, but will not return a drop of it until they are squeezed.

ECLIPSES.

Four Eclipses will take place this year, two of the Sun and two of the Moon.

I. In February there will be a visible Eclipse of the Moon.

	Day	H. M.		H. M.
Beginning	5	11 23	}	P. M.
Ecliptical opposition	6	0 22	}	A. M.
Middle		0 31		
End		1 39		
Duration		2 16		

Quantity, 4 2.3 digits on the south limb.

II. There will be an Eclipse of the Sun, on Thursday, February 21st, in the afternoon, visible,

	H. M.
Beginning	3 8
Greatest obscuration	4 10
End	4 54
Duration	1 46

Quantity, 4 digits on the north limb.

This Eclipse will be central on the meridian in latitude 40 deg. 6 min. north, and longitude 47 deg. 15 min. west from New York. The whole penumbra will not enter upon the earth. The general Eclipse will continue 5 hours 1 minute.

III. On Friday, August 2d, there will be an Eclipse of the Moon in the evening, chiefly visible.

	H. M.
The Moon will rise (2 1.4 digits obscured) at	7 4
Ecliptical opposition	7 21
Middle of the Eclipse	7 27
End	9 0
Duration of visibility	1 56

Quantity, 9 digits on the north limb.

IV. An Eclipse of the Sun will take place on Friday, August 16th, at 6h. 22m. in the afternoon, invisible. This Eclipse will cause total darkness, for about 30 seconds, at many places in the southern hemisphere. It will be central and total on the meridian in lat. 34 deg. 55 min. south, and long. 102 deg. 20 min. west from the meridian of New York.

Transit.

The planet Mercury will cross the Sun's disk on Monday the 4th of November, in the evening. The Transit will begin at 8h. 15m. and end at 10h. 59m. it will therefore be invisible to us. Mercury will pass 14 minutes 3 seconds of a degree south of the Sun's centre.

Occultation.

On Saturday the 26th of January at 11h. 24m. in the morning there will be a conjunction of the Moon and Venus, with respect to longitude, and their difference in geocentric latitude will be but 5 min. 30 sec. of a degree.—Venus will be hidden behind the Moon from many places southwardly and eastwardly from us; but, seen from here, the Moon will pass so far south as to leave the planet two thirds of a degree clear of her upper limb. The Moon and Venus will be near each other most of the day, and probably may both be seen notwithstanding the light of the Sun, if the atmosphere should be serene.

On Society.

When neighbors dwell together in peace, visit in friendship, converse for useful improvement, or harmless amusement, take part in each other's prosperity and adversity, concur in the government of their families, are candid to excuse and careful to conceal each others trivial or accidental failings; studious to reform real and dangerous faults; when all abide in their calling, and quietly perform their own business, and meddle not with the temporal concerns of others, a blessing will attend their labors, and success will smile on their designs.—Their intercourse will be easy, pleasant and virtuous; and a foundation will be laid for the happiness of succeeding generations. But if each is bound up within himself, and looks with unfeeling indifference on all around him, or beholds his inferior with contempt, and superior with envy; if every meeting is filled with impertinent and angry controversy, and every visit employed in tattling and backbiting; if neighbor defames neighbor and each watches for advantage against the other—if an acquaintance receives you with feigned smiles of pleasure and friendly greetings, but debases your character when your back is turned—if every

pleasant 1-2. cloudy and very cold 3-5. snow in 4. 5. not so cold 6

I Month, January, hath 31 days.

Full ☉ 7th 10. 48m M | New ● 23d On 29m M
 Last ☾ 15th 0. 41m M | First ☽ 30th 1h 53m M.

M	W	Various Phenomena.	☽	☾	☉	☿	♃	♄	♅	♆	H.	W.	
1	3	Circumci sion.	☿	21	7	26	4	34	0	32	6	36	2 48
2	4	☽ rises 9 16. Cold,	♃	6	7	25	4	35	1	46	7	29	3 36
3	5	☽ in Perigee	♃	20	7	25	4	35	3	3	8	26	4 29
4	6	Blustering and	♃	5	7	25	4	35	4	20	9	28	5 26
5	7	☽ runs high.	♃	19	7	24	4	36	5	34	10	31	6 28
6	F	Epiphany. cold.	♃	4	7	24	4	36	6	40	11	35	7 31
7	2	Aldebaran south 9 11.	♃	18	7	23	4	37	Rises	Morn			8 35
8	3	Lucian. snow,	♃	2	7	23	4	37	5	55	0	34	9 34
9	4	very cold according	♃	16	7	22	4	38	7	7	1	29	10 29
10	5	☉ ☽ to my ☽ ☽.	♃	29	7	21	4	39	8	16	2	18	11 18
11	6	☽ stationary.	♃	12	7	21	4	39	9	21	3	3	Aft 3
12	7	☉ ☽ judgment,	♃	24	7	20	4	40	10	23	3	45	0 45
1	F	1st Sund. aft. Epiphany.	♃	7	7	19	4	41	11	24	4	26	1 26
14	2	Cold and stormy.	♃	19	7	18	4	42	Morn	5	6		2 6
15	3	☽ sets 8 35.	♃	1	7	18	4	42	0	25	5	47	2 47
16	4	☽ in Apogee. clear	♃	13	7	17	4	43	1	27	6	29	3 29
17	5	Sirius south 10 39.	♃	25	7	16	4	44	2	29	7	15	4 15
18	6	Prisca. and cold.	♃	7	7	15	4	45	3	31	8	3	5 3
19	7	☽ runs low. High	♃	19	7	14	4	46	4	31	8	55	5 55
20	F	☉ enters ♍ Fabian	♃	17	7	14	4	46	5	27	9	48	6 48
21	2	Agnes N. W. winds,	♃	13	7	13	4	47	6	15	10	42	7 42
22	3	Vincent Sup. ☉ ☽.	♃	26	7	12	4	48	S. t.	11	35		8 35
23	4	Excellent Sleighing.	♃	9	7	11	4	49	5	29	Af	26	9 26
24	5	☽ rises 7 35, ☽ ☽.	♃	23	7	10	4	50	6	40	1	16	10 16
25	6	Conversion of St. Paul	♃	6	7	9	4	51	7	51	2	3	11 3
26	7	☽ rises 7 25, ☉ ☽ ☽.	♃	20	7	8	4	52	9	2	2	49	11 49
27	F	3d Sund. aft. Epiphany.	♃	4	7	7	4	53	10	13	3	36	Morn
28	2	Clear and very cold.	♃	18	7	6	4	54	11	26	4	24	0 36
29	3	Ell-and-Yard south 8 39	♃	2	7	5	4	55	Morn	5	16		1 24
30	4	☽ in Perigee,	♃	16	7	4	4	56	0	42	6	10	2 16
31	5	No thaw yet.	♃	1	7	3	4	57	1	58	7	9	3 10

*clear 7
snow
and
rain
very
cold
and
icy
cloud
9 12
more
fair
19
very
cold 14
conti
nues
cold
more
moder
late
15:19
thick
air
20:21*

brother will endeavor to supplant, and every neighbor will walk in slanders, one had better flee to the solitary mountains and dwell alone in the earth.

The reward of filial affection.

Anecdote of Montesquieu.

M. de Montesquieu being at Marseilles, hired a boat with the intention of sailing for pleasure; the boat was rowed by two young men, with whom he entered in conversation, and learned that they were not watermen by trade, but silversmiths; and that when they could be

*clear
of in
bright
9 22
with
very
high
wind
and
few
cold*

*wind and cold continues little moderate
26: Snow 27: clear 28 cloudy 29
rain 30 continues thick and cloudy 31*

cloudy and raw 1 clear 2 like 3 snow?

II Month, February, hath 28 days.

Full ☉ 6h 0m 22m M		New ☉ 21st 2h 37m Alt.	
Last ☾ 13th 10h 11m Aft.		First ☽ 23th 9h 16m M	
M	W	Various Phenomena,	☽ P ☉ E ☽ S ☽ ☽ S H. W.
1	6	☽ runs high.	☽ 15 7 14 59 3 12 8 11 4 9
2	7	Purification B. V. M.	☽ 29 7 05 0 4 19 9 13 5 11
3	F	Septuagesima.	☽ 13 6 59 5 1 5 16 10 13 6 13
4	2	Pleasant.	☽ 27 6 58 5 2 6 2 11 9 7 13
5	3	Agatha Look	☽ 10 6 57 5 3 rises 12 0 8 9
6	4	for snow. ☽ ☽.	☽ 24 6 56 5 4 5 50 Mon 9 0
7	5	☽ sets 10 41.	☽ 7 6 55 5 5 6 57 0 48 9 48
8	6	☽ south 1 6.	☽ 20 6 53 5 7 8 1 1 32 10 32
9	7	More snow.	☽ 2 6 52 5 8 9 4 2 14 11 14
10	F	Sexagesima.	☽ 15 6 51 5 9 10 6 3 55 11 55
11	2	Spica ♀ rises 10 11	☽ 27 6 50 5 10 11 8 3 36 alt. 36
12	3	Perhaps more snow.	☽ 21 6 47 5 12 Mon 4 19 1 19
13	4	☽ in Apogee	☽ 21 6 47 5 13 0 11 5 3 2 3
14	5	Valentine. Fair.	☽ 2 6 46 5 14 1 14 5 51 2 51
15	6	☽ sets 7 58.	☽ 14 6 45 5 15 2 15 6 41 3 41
16	7	☽ stationary ☽ runs low	☽ 20 6 43 5 17 3 1 7 33 4 33
17	F	Quinquagesima.	☽ 9 6 42 5 18 4 4 8 27 5 27
18	2	☽ enters ♄.	☽ 25 6 41 5 19 4 48 9 21 6 21
19	3	☽'s gr. elong. ☽ ☽ ☽.	☽ 5 6 40 5 20 5 26 10 14 7 14
20	4	Ash Wednesday.	☽ 18 6 38 5 22 5 57 11 4 8 4
21	5	☽ eclipsed vis. ☽ ☽.	☽ 2 6 37 5 23 Set 11 54 8 54
22	6	Washington born 1732.	☽ 16 6 36 5 24 6 45 Att 42 9 42
23	7	More moderate. [thias.	☽ 30 6 34 5 26 7 59 1 50 10 30
24	F	Quadragesima. St. Mat.	☽ 14 6 33 5 27 9 14 2 20 11 20
25	2	☽ stationary.	☽ 29 6 32 5 28 10 31 3 11 Mon
26	3	☽ in Perigee. Un-	☽ 13 6 30 5 30 11 48 4 7 0 11
27	4	settled	☽ 28 6 29 5 31 Mon 5 5 1 7
28	5	☽ sets 9 28. weather.	☽ 12 6 28 5 32 1 4 6 6 2 5

4
clear
of in
even
ing
with
high wind
and
cold
clear
and
good
steig
hing
5
cloudy
and
good
snow
6
clear
and
cold
7
cloudy
10
clear
and
windy
11

spared from their usual business, they employed themselves in that way to increase their earnings. On expressing his surprise at their conduct, and imputing it to an avaricious disposition. "Oh! sir," said the young men, "if you knew our reasons, you would ascribe it to a better motive. Our father, anxious to assist his family, devoted the produce of a life of industry to the purchase of a vessel, for the purpose of trading to the coast of Barbary; but was unfortunately taken by a pirate, carried to Tripoli, and sold to slavery. In a letter we have received from him, he informs us that he has luckily fallen into the hands of a master who treats him with great humanity; but the sum demanded for his ransom is so exorbitant, that it will be impossible for him ever to raise it. He adds, that we must therefore relinquish

little moderate 12: cold and a little snow
more snow 14: clear 15: cloudy 16: severe
snow storm 18: windy and cold 19:
like for rain and rain in Sig of 20: 18
clear and moderate 22: 23 squally

Moderate: rain: cold wind and snow greatly
 evening of 3 clear and cold q. not so cold & moderate
 and first frost and kildare heard cold wind of moon
 and some
 clear and cold
 10

III Month, March, hath 31 days.

Full ☉ 7th 3h 36m A		New ☾ 23d 2h 12m M															
Last ☾ 15th 6h 23m A		First ☽ 29th 5h 8m A															
M.	W.	Various Phenomena.				☽	P	☉	R	☽	S	☽	Sou	H.	W.		
1	6	David	☽	runs high	☽	26	6	26	5	34	2	13	7	7	3	6	
2	7	Perhaps snow.	☽		☽	9	6	25	5	35	3	12	8	7	4	7	
3	F	2d Sund. in Lent.				23	6	24	5	36	4	1	9	3	5	7	
4	2	7*s set 0 7.	☽		☽	6	6	23	5	38	4	40	9	5	6	3	
5	3	Rain ☽ ☽.				20	6	21	5	39	5	11	10	44	6	56	
6	4	or snow.	☽		☽	3	6	20	5	40	5	37	11	29	7	44	
7	5	Perpetua. Inf. ☽ ☽.				15	6	18	5	42			Rises	Morn	8	29	
8	6	Thaw.				28	6	17	5	43	6	54	0	12	9	12	
9	7	Inferiour ☽ ☽.	☽		☽	10	6	16	5	44	7	57	0	53	9	53	
10	F	3d Sund. in Lent.				23	6	14	5	46	9	0	1	35	10	35	
11	2	High [Apogee.	☽		☽	5	6	13	5	47	10	3	2	18	11	13	
12	3	Gregory Martyr. ☽ in				17	6	12	5	48	11	6	3	2	Aft	2	
13	4	☽ south 10 10. winds.				28	6	10	5	50			Morn	3	49	0	49
14	5	Chilly air.	☽		☽	10	6	9	5	51	0	8	4	38	1	38	
15	6	☽ runs low.				22	6	7	5	53	1	6	5	29	2	29	
16	7	☽ rises 5 4.	☽		☽	4	6	6	5	54	1	59	6	21	3	21	
17	F	St. Patrick. Mid-Lent.				17	6	5	5	55	2	46	7	14	4	14	
18	2	☽ Stationary.				29	6	3	5	57	3	26	8	7	5	7	
19	3	Falling weather.	☽		☽	12	6	2	5	58	4	0	8	58	5	58	
20	4	☽ enters ♀. ☽ ☽.				26	6	1	6	59	4	29	9	47	6	47	
21	5	Benedict. Rain	☽		☽	10	5	59	6	1	4	56	10	36	7	36	
22	6	Aldebaran sets 11 16				24	5	58	6	2	5	21	11	25	8	25	
23	7	or snow.	☽		☽	9	5	57	6	3			Sets.	Aft	16	9	16
24	F	5th Sund. in Lent.				24	5	55	6	5	8	18	1	8	10	8	
25	2	Annunciation.	☽		☽	8	5	54	6	6	9	39	2	4	11	4	
26	3	☽ in Perigee.				23	5	52	6	8	10	58	3	3	Morn		
27	4	Very changeable.	☽		☽	8	5	51	6	9			Morn	4	5	0	3
28	5	☽ ☽. ☽ runs low.				22	5	50	6	10	0	11	5	8	1	5	
29	6	☽ stationary.	☽		☽	6	5	48	6	12	1	15	6	9	2	8	
30	7	☽ stationary.				20	5	47	6	13	2	7	7	7	3	9	
31	F	Palm Sabbath.	☽		☽	3	5	46	9	14	2	48	8	0	4	7	

continues
 cold and
 with frosty
 nights
 more moderate
 date 17:20.
 21:2
 rain 22
 clear of
 with high
 winds and
 cold
 wind and
 cold 29:2
 more moderate
 date 22:2
 rain 20
 with thin
 in Aft morn
 and a show
 with high
 wind and
 heavy rain
 high winds
 and cold
 29:30:3

all hope of ever seeing him, and be contented. With the hopes of restoring to his family a beloved father, we are striving, by every honest means in our power, to collect the sum necessary for his ransom; and we are not ashamed to employ ourselves for such a purpose in the occupation of watermen." M. de Mantesquieu was struck with this account, and on his departure made them a handsome present. Some months afterwards, the young men being at work in their shop, were greatly surprised at the sudden arrival of their father, who threw himself into their arms, exclaiming, at the same

Antares col 1.2.3 cold storm 4.5 high winds
 6.7 cold rain 8.9 not so cold 10.11 pleasant sun 12
 warm rain 13 thunders in eve of 14

IV Month, April, hath 30 days.

Full ☉ 6h 7h 45m M		New ☉ 21st 11h 21m M						
Last ☾ 14th 11h 45m M		First ☽ 28h 2h 21m M						
d/w	Various Phenomena.	☽ P	☉ R	☽ S	☉ S	u	h	w
1	2 ♀ rises 4 11.	Ω	16 5 44	6 16	3 22	8 49	5	0
2	3 Humid. ☽ ☽.		29 5 43	6 17	3 49	9 34	5	49
3	4 ♀'s gr. elongation.	♄	12 5 42	6 18	4 13	10 17	6	34
4	5 St. Ambrose.		24 5 40	6 20	4 34	10 59	7	17
5	6 Good Friday.	♁	7 5 39	6 21	4 55	11 40	7	59
6	7 Quite		19 5 38	6 22	Rises	Morn	8	40
7	8 Easter. mild.	♃	1 5 36	6 24	7 59	0 22	9	22
8	9 Sirius sets 10 29		13 5 35	6 25	9 2	1 6	10	6
9	10 ♀ in Apogee		25 5 34	6 26	10 5	1 52	10	52
10	11 ♀ stationary.	♂	7 5 33	6 27	11 4	2 40	11	40
11	12 Warm		18 5 31	6 29	12 0	3 30	At	30
12	13 ♀ runs low. showers.		30 5 30	6 30	Morn	4 21	1	21
13	14 Algol sets 10 36	♃	13 5 29	6 31	0 48	5 14	2	14
14	15 Low Sunday 6		25 5 27	6 33	1 30	6 5	3	5
15	16 Coincidence of time.	♁	7 5 26	6 34	2 5	6 55	3	55
16	17 Spring ☽ ☽.		20 5 25	6 35	2 35	7 44	4	44
17	18 ♀ rises 3 39.	♄	4 5 23	6 37	3 2	8 32	5	32
18	19 advances.		18 5 22	6 38	3 27	9 20	6	20
19	20 Alphege ☽ ☽ h.	♄	2 5 21	6 39	3 51	10 9	7	9
20	21 ☽ enters 8.		17 5 20	6 40	4 17	11 0	8	0
21	22 2d Sund. aft. Easter.	♄	2 5 18	6 42	Sets	11 55	8	55
22	23 ♀ in Perigee. Thun-		17 5 17	6 43	8 39	Aft 54	9	54
23	24 St. George. der	♃	2 5 16	6 44	10 0	1 57	10	57
24	25 ♀ runs high. Show-		17 5 15	6 45	11 10	3 2	Morn	
25	26 St. Mark. ers.	♁	2 5 14	6 46	Morn	4 7	0	2
26	27 Warm, almost		16 5 12	6 48	0 8	5 7	1	7
27	28 Antares rises 9 38.		30 5 11	6 49	0 54	6 3	2	7
28	29 3d Sund. aft. Easter.	♃	13 5 10	6 50	1 31	6 54	3	3
29	30 equal to ☽ ☽.		26 5 9	6 51	2 0	7 40	3	54
30	3 ♀ rises 3 23. May.	♄	9 5 8	6 52	2 24	8 23	4	40

Clears of with
 high winds
 and squally
 very cold for
 the season
 15

unsettled
 with cold
 winds and
 frequent
 rain

comes 24
 quite warm
 25.26

colder with
 27 and rain
 in night

high wind
 and cold
 28.29
 not so cold
 30

time, that he feared they had taken some unjustifiable method to raise the money for his ransom, for it was too great for them to have gained by their ordinary occupation. They professed their ignorance of the whole affair; and could only suspect they owed their father's release to that stranger, to whose generosity they had before been so much indebted. Such indeed was the case, but it was not until Montesquieu's death that the fact was known, when an account of the affair, with the sum remitted to Tripoli for the old man's ransom, was found among his papers.

more like growing weather 123
 show in the evening 94

V Month, May, hath 31 days.

Full ☉ 5h 11m 55m A
 Last ☾ 14th 1h 24 M
 New ☉ 29th 6h 47m A
 First ☽ 27h 1h 23m. A

M	W	Various Phenomena.	☽	P.	☉	R.	☽	S.	☽	S.	H.	W.			
1	4	Philip and James	☾	21	5	6	6	54	2	45	9	4	5	23	
2	5	Perhaps thunder	☽	4	5	5	6	55	3	6	9	45	6	4	
3	6	Invention of the Cross		16	5	4	6	56	3	27	10	26	6	45	
4	7	☉ ☽. showers.		28	5	3	6	57	3	49	11	9	7	26	
5	F	4th Sund. aft. Easter.	☾	10	5	2	6	58	4	13	11	54	8	9	
6	2	St. John Evang. ☽ in		22	5	1	6	59	Rises		Morn		8	54	
7	3	Sultry. [Apogee.	☽	3	5	0	7	0	9	3	0	41	9	41	
8	4	Very warm, for		15	4	5	9	7	1	9	59	1	30	10	30
9	5	☽ run. low. the		27	4	5	8	7	2	10	49	2	21	11	21
10	6	☽ rises 3 6. season.	☽	9	4	5	7	7	3	11	32	3	13	Alt 13	
11	7	Showers with thun-		21	4	5	6	7	4	Morn		4	4	1	4
12	F	Rogation. der and	☽	4	4	5	5	7	5	0	9	4	54	1	54
13	2	lightning. ☽ ☽.		16	4	5	4	7	6	0	40	5	42	2	42
14	3	Superiour ☉ ☽.		29	4	5	3	7	7	1	7	6	28	3	28
15	4	Spica ☾ south 9 47.	☽	12	4	5	2	7	8	1	31	7	14	4	14
16	5	Ascension.		26	4	5	1	7	9	1	55	8	0	5	0
17	6	Warmth	☽	10	4	5	0	7	10	2	19	8	48	5	48
18	7	☽'s gr. elongation		25	4	4	9	7	11	2	45	9	40	6	40
19	F	Dunstan. increases.	☽	10	4	4	8	7	12	3	16	10	36	7	36
20	2	☽ in perigee.		25	4	4	7	7	13	Sets.		11	37	8	37
21	3	☽ enters ☽ Dry	☽	11	4	4	6	7	14	8	49	Aft	42	9	42
22	4	☽ runs high		26	4	4	5	7	15	9	56	1	49	10	49
23	5	Thunder showers	☽	11	4	4	5	7	15	10	49	2	54	11	54
24	6	in various		25	4	4	4	7	16	11	30	3	54	Morn	
25	7	☽ ☽. places.	☽	9	4	4	3	7	17	Morn		4	48	0	54
26	F	Whitsunday. ☽ ☽.		23	4	4	2	7	18	0	2	5	37	1	48
27	2	Bede. Fine	☾	6	4	4	2	7	18	0	29	6	21	2	37
28	3	growing		17	4	4	1	7	19	0	51	7	3	3	21
29	4	Antares south 11 53	☽	14	4	0	7	20	1	12	7	44	4	3	
30	5	weather.		13	4	4	0	7	20	1	32	8	25	4	44
31	6	☽ rises 2 37.	☽	25	4	3	9	7	21	1	53	9	7	5	25

Miseries of the Times.

Want of punctuality.—A profusion of promises never pays a debt. It is an insult to a creditor, that cannot be borne, and verifies the old proverb, "he that is good at making excuses for broken promises, is seldom good for any thing else."

Want of industry.—I see a number of young men without employment, trifling away their time in the most frivolous amusement, thereby unfitting themselves for the duties of this life, or associating with the just in the world to come.

continues dry some rain in the night
 of 26 dry the Month out

continues dry little rain & little again 11 dry winds

con-
tinues
dry
high
wind
and
very
dry
16
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of 25
cool
and
dry
wind
27, 28

VI Month, June, hath 30 days.

Full ☉ 4h 3h 26m A		New ☉ 19th 1h 36m M											
Last ☾ 12th 11h 19m M		First ☽ 26h 2h 31m M											
M	Various Phenomena.	D	P	☉	R	☽	S	D	S	D	SO	H.	W.
1	7 Nicomede. Good	m	7	4	38	7	22	2	17	9	50	6	7
2	F Trinity. seasonable		19	4	38	7	22	2	43	10	36	6	50
3	2 ☾ in Apogee		30	4	37	7	23	3	14	11	25	7	36
4	3 weather.	↑	12	4	37	7	23	riser.				8	25
5	4 Boniface ☽ runs low.		24	4	36	7	24	8	45	0	16	9	16
6	5 ♀'s rise 3 14	☽	6	4	36	7	24	9	30	1	7	10	7
7	6 ♀ rises 2 27. Dry		18	4	35	7	25	10	8	1	58	10	58
8	7 and warm.	☽	14	35	7	25	10	40	2	48	11	48	
9	F 1st Sund. aft. Trinity.		13	4	35	7	25	11	8	3	36	11	36
10	2 ♀'s r. elongation. ☽ ☽.		26	4	34	7	26	11	32	4	22	1	22
11	3 St Barnabas.	☽	9	4	34	7	26	11	55	5	7	2	7
12	4 Fomalhaut rises 1 31.		22	4	34	7	26	norn		5	52	2	52
13	5 Perhaps some	☽	6	4	33	7	27	0	17	6	37	3	37
14	6 ♀ rises 2 18. rain.		20	4	33	7	27	0	41	7	25	4	25
15	7 Coincidence of time.	☽	4	4	33	7	27	1	9	8	17	5	17
16	F 2d Sund. aft. Trinity.		19	4	33	7	27	1	42	9	13	6	13
17	2 St. Alban ☽ in Per.	☽	4	4	33	7	27	2	23	10	15	7	15
18	3 ☽ runs high.		19	4	32	7	28	3	15	11	21	8	21
19	4 Want of	☽	4	4	32	7	28	sets		11	28	9	28
20	5 Arcturus south 8 12.		19	4	32	7	28	9	18	1	32	10	32
21	6 ☉ enters ☽. thunder	☽	4	4	32	7	28	9	55	2	30	11	30
22	7 and rain. ☽ ☽.		18	4	32	7	28	10	24	3	23	Morn	
23	F 3d Sab. aft. Trinity.	☽	14	4	32	7	28	10	49	4	10	0	23
24	2 St. John Baptist.		14	4	32	7	28	11	11	4	54	1	10
25	3 ♀ rises 2 7. Thunder		27	4	32	7	28	11	31	5	36	1	54
26	4 showers in	☽	9	4	33	7	27	11	52	6	17	2	36
27	5 ☽ ☽. some		23	4	33	7	27	Morn		6	59	3	17
28	6 parts.	m	4	4	33	7	27	0	15	7	42	3	59
29	7 St. Peter. ☽ ♀ ♀.		15	4	33	7	27	0	40	8	27	4	42
30	F ♀ stationary. ☽ in ap.		27	4	33	7	27	1	10	9	15	5	27

Crowds of idle boys, without any aim, pursuit, or employment—Better they were all put to trades, or working in factories.

Want of money.—Luxury has drained our pockets, and indolence will not suffer us to replenish them—labor is too mean to live by; speculation is *a la mode*.

Borrowing.—To send on a cold morning over half the town for a small article lent your neighbor, to have the mortification to hear nothing of it—the person borrowing denying the loan, and the consequent loss. This is an evil which Solomon forgot to enumerate in his catalogue.

Swine running at large.—To get up in a winter's mor-

Copy the month out

*pleasant 1. 2. 3 some rain in
morning of 3 little more 4*

VIII Month, August, hath 31 days.

Full ☉ 2d 7n 21m A. | New ☉ 16th 6h 22m A.
Last ☾ 9th 11h 22m A. | First ☽ 24th 11h 7m M.

M W	Various Phenomena.	☽	P	☉	☿	♄	♃	♁	♁	♁	♁	♁	♁	H.	w.
1	5 Lammas Day.	v	24	4	55	7	5	3	8	11	21	7	31		
2	6 ☐ ☉ h Wind and rain.	w	7	4	56	7	4	Rises.	Morn	8	21				
3	7 *s rise 11 14 ☽ ☿.		19	4	57	7	3	7	34	0	10	9	10		
4	F 9th Sund. aft. Trinity.	☿	2	4	58	7	2	7	58	0	57	9	57		
5	2 ☿'s gr. elongation.		16	4	59	7	1	8	22	1	42	10	42		
6	3 Transfiguration.		29	5	0	8	45	2	28	11	28				
7	4 Name of Jesus. <i>hcd</i>	☿	13	5	16	59	9	10	3	14	aft.	14			
8	5 <i>Remarkably</i>		27	5	26	58	9	38	4	2	1	2			
9	6 Spica ♀ sets 9 23. <i>hay</i>	♄	11	5	36	57	10	12	4	53	1	53			
10	7 St. Lawrence. <i>cool</i>		25	5	46	56	10	54	5	49	2	49			
11	F ☽ in Perigee. <i>o</i>	♁	9	5	56	55	11	46	6	48	3	48			
12	2 ☽ runs high. <i>for</i>		23	5	76	53	Morn	7	51	4	51				
13	3 <i>August.</i>	♁	8	5	86	52	0	49	8	54	5	54			
14	4 ♀ rises 11 19.		22	5	96	51	2	1	9	55	6	55			
15	5 Assumption.	♁	6	5	106	50	3	16	10	53	7	53			
16	6 ♀ rises 2 27. ☽ ☿.		20	5	116	49	Sets.	11	46	8	46				
17	7 <i>Some rain.</i>	♄	4	5	126	43	7	11	aft.	34	9	34			
18	F 11th Sund. aft. Trinity.		17	5	146	46	7	35	1	20	10	20			
19	2 ☽ sets 8 55.		30	5	156	45	7	57	2	4	11	4			
20	3 <i>Very agreeable</i>	♁	13	5	166	44	8	19	2	48	11	48			
21	4 <i>weather.</i>		26	5	176	43	8	44	3	32	Morn				
22	5 h Stationary	♁	8	5	186	42	9	11	4	17	0	32			
23	6 ☉ enters ♄. [Apogee.]		20	5	206	40	9	43	5	3	1	17			
24	7 St. Bartholomew. ☽ in	♄	2	5	216	39	10	22	5	52	2	3			
25	F 12th Sund. aft. Trinity.		14	5	226	38	11	7	6	43	2	52			
26	2 ☽ runs low.		26	5	236	37	12	0	7	35	3	43			
27	3 <i>Perhaps</i> [☉ ☽ ♄.	v	8	5	256	35	Morn	8	27	4	35				
28	4 St. Augustine. Sup.		20	5	266	34	1	0	9	18	5	27			
29	5 St. John Bap. beheaded.	w	2	5	276	33	2	4	10	7	6	18			
30	6 ☽ ☿. some [☐ ☉ ♀.		15	5	286	32	3	11	10	55	7	7			
31	7 <i>rain.</i>		28	5	306	30	4	20	11	42	7	55			

*Day 5
continued
Day
quite
Day 7-10
showers
with wind
and rain
15
warm
and dry
like show
24
very dry
the month
out*

From the counter of Jeremy Broadcloth.

'The world is still deceived with ornament.'

What a propensity we have to impose on each other in the most trifling as well as the most serious concerns!—It is amusing to witness the attempts made to pass under assumed characters, and make the world believe we are *what we are not*. The boy is eager to mount a cravat, strut in a long coat, and swell his voice to the thorough bass of manhood. The young miss, as soon as she enters her teens, will begin to play the woman—while the superannuated damsel of 30 will ogle, and sim-

my 1. pleasant shower 2

IX Month, September, hath 30 days.

Full ☉ 1st 7h 30m M, First ☽ 23d 5h 51m M.
 Last ☾ 8h 4h 25m M. Full ☉ 30th 6h 29m A.
 New ☉ 15th 6h 7m M. 26 ☽ Stationary.

M	D	Various Phenomena.	☉	☽	☉	☽	☉	☽	☉	☽	H.	W.
1	F	Giles. Coincidence of	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
2	2	Quite - [time.	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
3	3	*s rise 9 19. cool	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
4	4	☽ rises 10 10. winds.	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
5	5	Light	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
6	6	flying clouds.	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
7	7	Enourchus. ☽ in Perigee	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
8	F	Nativity B. V. M. ☽ runs	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
9	2	Changeable [high. ☽	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
10	3	Dog days end.	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
11	4	Aldebaran rises 10 9.	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
12	5	☽ Stationary. ☽ ☽	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
13	6	weather.	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
14	7	Holy Cross.	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
15	F	15th Sund. aft Trinity.	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
16	2	Quite	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
17	3	Lambert. cold.	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
18	4	☽ rises 3 49.	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
19	5	Ell-and- Yard rises 11 44.	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
20	6	Perhaps frost.	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
21	7	St. Matthew. ☽ in Ap-	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
22	F	☽ runs low. [ogee.	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
23	2	☉ enters ☽.	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
24	3	Probably stormy	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
25	4	☽ rises 8 56.	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
26	5	Cyprian. ☽ ☽	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
27	6	☉ ☽ ☽. weather.	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
28	7	Sirius rises 1 20.	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
29	F	St. Michael.	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽
30	2	St. Jerome. Colder.	☉	☽	☉	☽	☉	☽	☉	☽	☉	☽

my 1. pleasant shower 2
 this
 continues
 dry shot
 Shower
 with rain
 14
 frost in
 Morn
 18
 pleasant
 rain 20
 cool nights
 warm day
 somewhat
 Showery 26
 warm
 and
 moist
 the
 Month
 cut

per, and play off her airs, with all the simplicity of 15, just to show that there is a mistake in her age.

How many great men are seen in public places, who shrink into insignificance upon acquaintance! How many women would be thought to grace a diamond, who never learned any thing but to scour a kettle! Whoever will dress as a gentleman, and has money enough to keep up appearances, is easily satisfied that he is as good as the best. Every one can judge of externals, and, as few look below the surface, it is not surprising that "the world is still deceived with ornament."

I have heard an anecdote of a Quack and a Physi-

Pleasant for the Season

X Month, October, hath 31 days.

Last ☾ 7h 10m 49m M		First ☽ 23d 0h 49m M														
New ☉ 4th 8h 36m A		Full ☽ 30th 4h 42m M														
M.	W.	Various Phenomena.		☽	P	☉	R	☿	S	♃	J	R	♄	S	H.	W.
1	3	Remigius.	☿	18	6	11	5	49	5	56	0	5	9	5	9	56
2	4	Somewhat	♃	3	6	12	5	48	6	28	0	56	9	56	9	56
3	5	Ell-and-Yard rises 10 54	♃	17	6	14	5	46	7	6	1	52	10	52	10	52
4	6	precarious.	♃	2	6	15	5	45	7	54	2	51	11	51	11	51
5	7	☽ in Perigee.	♃	17	6	16	5	44	8	51	3	53	aft.	53	aft.	53
6	F	Faith. ☽ runs high.	♃	1	6	18	5	42	9	57	4	57	1	57	1	57
7	2	Frequent showers.	♃	15	6	19	5	41	11	9	5	59	2	59	2	59
8	3	Sirius rises 0 43.	♃	29	6	20	5	40	Morn	6	57	3	57	3	57	
9	4	St. Denys. ☽ ☿,	♃	12	6	22	5	38	0	22	7	51	4	51	4	51
10	5	Harder	♃	26	6	23	5	37	1	34	8	40	5	40	5	40
11	6	frost.	♃	9	6	24	5	36	2	44	9	26	6	26	6	26
12	7	Fomalhaut south 9 37.	♃	22	6	26	5	34	3	50	10	11	7	11	7	11
13	F	19h Sund. aft. Trinity.	♃	5	6	27	5	33	4	56	10	54	7	54	7	54
14	2	Blustering	♃	17	6	28	5	32	6	0	11	37	8	37	8	37
15	3	winds.	♃	30	6	30	5	30	Sets.	aft.	21	9	21	9	21	
16	4	♃ south 2 54.	♃	12	6	31	5	29	5	59	1	7	10	7	10	
17	5	Smoky.	♃	24	6	32	5	28	6	33	1	55	10	55	10	55
18	6	St. Luke. [☽ runs low.	♃	6	6	33	5	27	7	13	2	44	11	44	11	44
19	7	♃'s gr. elong. ☽ in Ap.	♃	18	6	35	5	25	7	59	3	35	Morn	35	Morn	
20	F	0th Sund. aft. Trinity.	♃	30	6	36	5	24	8	53	4	26	0	35	0	35
21	2	Fair and	♃	11	6	37	5	23	9	52	5	16	1	26	1	26
22	3	♃ ♃ ♃. pleasant.	♃	23	6	39	5	21	10	54	6	5	2	16	2	16
23	4	☽ enters ♃.	♃	6	6	40	5	20	11	59	6	53	3	5	3	5
24	5	7* south 1 44. ☽ ☿.	♃	18	6	41	5	19	Morn	7	39	3	53	3	53	
25	6	Crispin. It	♃	1	6	42	5	18	1	5	8	24	4	39	4	39
26	7	may	♃	14	6	44	5	16	2	13	9	10	5	24	5	24
27	F	♃ Stationary. rain.	♃	28	6	45	5	15	3	22	9	57	6	10	6	10
28	2	St. Simon and St. Jude.	♃	12	6	46	5	14	4	34	10	47	6	57	6	57
29	3	Perhaps more	♃	27	6	47	5	13	5	49	11	42	7	47	7	47
30	4	☽ ☽. rain.	♃	12	6	49	5	11	Rises.	Morn	8	42	8	42	8	42
31	5	Ell-and Yard rises 9 9.	♃	27	6	50	5	10	5	50	0	40	9	40	9	40

cian, which may elucidate the subject. They were riding to visit some patients, when the Doctor addressed his companion to this effect: "My friend how do you manage to obtain so much practice, notwithstanding your ignorance of the profession in which you have engaged, even without the ordinary evidence of being a physician?" "I will tell you (said the impostor.) Notice the first ten men whom we shall meet; and as a physiognomist give me your opinion of their intelligence." The physician complied; and of the ten found but one whom he considered as endowed with a sound and discriminating mind. "Well, said the Quack, you have but one in

the first part of the month
 might and warm
 10:11-12
 more cool
 13
 frost in
 Morn of
 14:15
 pleasant
 till
 continues
 pleasant
 in
 like for
 a storm
 25
 cool storm
 26:27
 heavy clouds
 and
 wind
 more fair the month out

some wat. cold and frost
by Mornings

XI Month. November, hath 30 days.

Last ☾ 5th 7h 42m A New ☉ 13th 1h 39m A		First ☽ 21st 6h 25m A Full ☉ 28th 2h 44m A															
M	W	Various Phenomena.		D	P	R	S	M	S	H.	W.						
1	6	All saints.	☽ in Per.	☿	12	6	51	5	9	6	44	1	43	10	43		
2	7	☽ runs high.	Mild.		26	6	52	5	8	7	50	2	49	11	49		
3	F	22d Sund. aft. Trinity.		♄	11	6	54	5	6	9	2	3	53	alt.	53		
4	2	Inferiour ☉ ☽.			25	6	55	5	5	10	16	4	54	1	54		
5	3	Pleasant days	☽ ☽	♃	9	6	56	5	4	11	29	5	50	2	50		
6	4	Sirius rises 10 49.			23	6	57	5	3	Morn		6	41	3	41		
7	5	notwithstanding		♃	6	6	58	5	2	0	39	7	28	4	28		
8	6	7s* south 0 46.			19	6	59	5	1	1	46	8	12	5	12		
9	7	frosty mornings.		♄	27	0	5	0	2	51		8	55	5	55		
10	F	23d Sund. aft. Trinity.			14	7	2	4	5	8	3	54	9	37	6	37	
11	2	St. Martin.			26	7	3	4	5	7	4	57	10	20	7	20	
12	3	Very mild.		♃	9	7	4	4	5	6	0	11	5	8	5		
13	4	Britius. ☽ stationary.			21	7	5	4	5	5		Sets.	11	51	8	51	
14	5	Rainy.		♄	3	7	6	4	5	4	5	11	aft.	39	9	39	
15	6	Machutus. ☽ in Ap			14	7	7	4	5	3	5	5	1	29	10	29	
16	7	☽ runs low.			26	7	8	4	5	2	6	4	2	20	11	20	
17	F	24th Sund. aft. Trinity.		♃	8	7	9	4	5	1	7	4	2	3	10	Morn	
18	2	very warm			20	7	10	4	5	0	8	4	3	5	9	0	10
19	3	☽'s gr. elongation.		♃	2	7	11	4	4	9	9	4	4	6	0	59	
20	4	and pleasant	☽ ☽		14	7	12	4	4	8	10	4	9	5	31	1	46
21	5	for the season.			26	7	13	4	4	7	11	5	4	6	15	2	31
22	6	Cecilia. ☉ enters ♄.		♃	9	7	14	4	4	6	Morn	6	5	9	3	15	
23	7	Clement. Some			22	7	14	4	4	6	0	5	9	7	4	3	59
24	F	☽ ☽. warm, still		♃	6	7	15	4	4	5	2	7	8	3	0	4	43
25	2	and smoky days.			20	7	16	4	4	4	3	18	9	2	0	5	30
26	3	Fomalhaut sets 10 36.		♃	5	7	17	4	4	3	4	34	10	16	6	20	
27	4	Almaach vertical 9 40.			20	7	18	4	4	2	5	5	11	17	7	16	
28	5	More like rain.		♄	5	7	18	4	4	2	Rises.	Morn		8	17		
29	6	☽ runs high in Perigee.			20	7	19	4	4	1	5	2	0	22	9	22	
30	7	St Andrew.		♄	5	7	20	4	4	0	6	3	1	29	10	20	

ten who is capable of judging correctly. The nine would prefer receiving things as they are represented, to the trouble of examining for themselves. By puffing and boasting, I can catch them. You make no pretensions, and expect that mankind will discover your talents by their own exertions. Give me the nine fools, and you shall be welcome to the tenth wise man."

The most noisy, impudent, and dashing fellow, is too often the most successful. All have not the immediate interest in assuming qualities that they do not possess, by which the quack was actuated; but the principle which directs most men is the same—the effect produced by externals upon the vulgar. The desire of seem-

Jan 15-16 like for rain 17 rain 18 part 19:20 like for rain 21 much rain 22 cold wind 23 more moderate and frequent little rain the month out

some
rain
and
cold
9
moderate
etc
1012
like
for
rain
and
rain
night
13-14

many hostlers have been manufactured into fine gentlemen by the tailor! How many kitchen maids do we meet in the streets, who cannot be distinguished from their mistresses at a short distance!

It is not worth while to inquire seriously whether this passion for finery is injurious. The first thing of which a girl thinks, on being married, is her wardrobe. Rich or poor, handsome or ugly, her back must be covered with crapes, silks and satins. The lady will dress, if the husband goes to jail; and the husband, if his wife starves for it.—I once knew a woman to pay out 40 dollars for an elegant head dress, within five days after her husband's failure.

It is strange that men will not be content to be estimated by Merit, especially where they are known; but must be continually striving to appear what they are not. The fool cannot long hide his folly with crimson; and the coarse country heroine only renders her vulgarity more conspicuous, by attempting to conceal it in silks and brocades. Yet, in spite of common sense, and often against common honesty, as by mutual consent,

"The world is still deceived with ornament."

"Is he Rich!"

From the general use of this question may be derived the influence which riches have upon the generality of mankind. The other day dame Chitterling had a gentleman apply for a daughter, but the answer could not be obtained till time and opportunity offered to enquire whether he possessed a plenty of the treasures of this world. An emigrant, when he first steps his foot on shore, is surveyed attentively, and the first enquiry is, *"Is he rich?"* If negatived, he is levelled; if he is really so, without searching into the qualifications of the man, he is raised to the honors of receiving a bow, and the homage of time and opportunity from every description; the young ladies all have hopes of an easy settlement, could they but win his affections, and the money is counted and attended to while sense and virtue in rags, may wander neglected.

"Is he rich?" demands old father Greybeard—if he is not, he shall not have a daughter of mine: no poverty

struck man shall have a penny of my property.—“*Is he rich?*” says old Gripus—if he is not, I will not trust him a farthing. Poor mortals! the rich man needs not the help of the miser.

“*Is he rich?*” says the doctor: then I will closely attend him, I will visit him day and night, I will not give up as long as I have a chance, but the poor man in pain may linger day after day and see not the face of his physician.

“*Is he rich?*” says the counsel of a poor man unable to give a fee to his lawyer, being also a defendant; if he is, your case is bad, you had best get rid of it without any further cost; but was he rich also, the lawyer would on with his spectacles, search folio after folio, and right or wrong, attempt to plead his cause.

Vulgar Errors.

I subscribe to the assertion as a most valuable truth—that the making of two blades of grass to grow where but one grew before, renders a more essential benefit to the community, than all the speculators in modern philosophy. Yet I hope it will not be considered as wholly unprofitable to expose some of the most familiar and ridiculous absurdities, and pluck a few of the rooted errors of ignorance from that *frightful waste, the wilderness of the mind,* that *unweeded garden, where things rank and gross possess it merely.*

The Sun drawing water.—It is a very common saying when the rays of the sun are seen breaking through the clouds, that *the sun draws water*, when in fact there is no water concerned in the appearance; for were there water, the light would be decomposed, and shew the prismatic colors of the rainbow. It is merely the particles of a smoky and dusty atmosphere, reflecting and rendering visible those rays which find a passage between the loose clouds that lie before the sun. In a perfect medium, there is no reflection or refraction. For instance, a ray admitted through a small aperture, in a still dark room, is not visible, except where it strikes some object, until you disturb the dust on the floor, when the particles, by their reflection, present a beautiful pencil of

light, perfectly definable, and sensible to sight; and shows an appearance analogous to the one called *the sun drawing water*.

Frost in Steel.—Many mechanics and laborers in cold weather, will not use an edge tool until they have warmed it over the fire to take the frost out, and the moisture which appears on the surface, they imagine to be frost generated in the metal. There is nothing more fallacious than such an idea; it is merely the condensation by the cold body, of the vapor produced by the combustion of wood. Heat it in the close oven of a stove, or over a clear charcoal fire, and there is no such appearance.

That edge tools are more liable to break in cold weather, is true, undoubtedly owing to its contraction, and consequently becoming specifically harder. The *rationale* of the hardening of steel by plunging it in water when hot, is its contraction in bulk and the disarrangement and confusion of its chrystalization.

The oil of rags, of paper and of iron—as it is vulgarly and indifferently called, is produced by burning rags on an axe, or other piece of cold iron, and is used by spinners and others to harden the skin on the fingers which are exposed to much friction. *The oil of paper*, I have seen made by burning a sheet of paper rolled in the form of a tube, lighted and held in a silver spoon and used as an antidote for the tooth ache. Both of these substances are of the same kind, and are *pyraligenous acid*, which possesses caustic, astringent, and antiseptic properties. The iron and the spoon are no further concerned in the production, than condensing the vapor which holds in solution this particular substance, composed of an acetous acid, and empyrumea, it is produced by the combustion, or rather destructive distillation of all vegetable substances.

Breathing on cutting instruments to ascertain their temper.—This is the most vulgar error that ever intelligent men adhered to. The common idea is, that if the breath passes off quickly it is an indication of a high temper, and the contrary a low temper, and the article is consequently rejected as good for nothing. Now the whole cause of this appearance is owing to temperature alone, and not at all to the temper of the blade, merely by con-

densing the vapor exhaled from the lungs by breathing ; the softest piece of malleable iron, and the hardest piece of tempered steel, will show the same appearance at the same temperature, as any one may convince himself by laying a blade that holds the condensed vapor of the breath a long time, which is always the case in cold weather, on his hand until it arrives at or near blood heat, when on applying this infallible test, it loses the breath as soon as applied, which according to the received opinion, indicates a high tempered article. This superstition is inflicted on every retailer of cutlery, frequently to their serious injury, by rusting and soiling a great number of their articles, and ought to be exploded, as a most ridiculous absurdity. I know a very clever salesman, who is enabled to sell his poorest wares to those who believe this false criterion, by holding them on his hand a minute, and thereby using this fallacious test to his profit, and its believer's loss.

Falling smoke an indication of a heavy atmosphere.

Many people say, when smoke falls to the ground, and when fogs occupy the vallies and low regions, that we have a *very heavy air*, when the exact contrary of this opinion is the fact. It must appear a most palpable absurdity, to every person who will ask himself, what bodies usually float? whether the light or heavy ones? It has been pretty satisfactorily settled, that all bodies specifically lighter than the region in which they are immersed, will float, and the denser ones sink. This is the cause of falling smoke, fogs, dews, and rain.

FROM THE MISSOURIAN.

The Worm.

"Out-venoms all the worms of Nile."

Who has not heard of the Rattlesnake or Copper head? An unexpected sight of either of these reptiles, will make even the "lords of creation" recoil, but there is a species of worm, found in various parts of this state, which conveys a poison of a nature so deadly, that compared with it, even the venom of the Rattle snake is harmless.

To guard our readers against this "foe to human kind" is the object of the present communication.

This worm varies much in size. It is frequently an inch through, but as it is rarely seen except when coiled, its length can hardly be conjectured. It is of a dull, lead colour, and generally lives near a spring or small stream of water, and bites the unfortunate people who are in the *habit of going there to drink*. The brute creation it never molests. They avoid it with the same instinct that teaches the animals of Peru to shun the deadly Coya. Several of these reptiles have long infested our settlement, to the misery and destruction of many of our citizens. I have therefore, had frequent opportunities of being the melancholy spectator of the effects produced by the subtile poison which this worm infuses.

The symptoms of its *bite* are terrible. The eyes of the patient become red and fiery, his tongue swells to an immoderate size and obstructs his utterance, and delirium of the most horrid character quickly follows. Sometimes in his madness he attempts the destruction of his dearest friends. If the sufferer has a family, his weeping wife and helpless infants are not unfrequently the objects of his frantic fury—in a word, he exhibits to the life, all the detestable passions that wrangle in the bosom of a savage, and such is the "*spell*" in which his senses are locked, that no sooner has the unhappy patient recovered from the paroxysm of insanity, occasioned by one bite, than he seeks out this *destroyer* for the purpose of being *bitten again*.

I have seen a good old father, his locks as white as snow, his step slow and trembling, beg in vain of his *only son* to quit the lurking place of the worm. My heart bled when he turned away, for I knew the fond hope that his son would be the staff of his declining years, had supported him through many a sorrow.

Youths of Missouri, would you know the name of this reptile? It is called *the Worm of the Still*.

The Goose and her Young Ones.

A FABLE.

At the time that birds could talk, an elderly goose, who had hatched and waddled about with her 3 young ones, a gosling and two ganders, and frequently dropt or plucked out a feather which the young ones had pick-

ed up, to make their lodging more soft and easy, began to look with some degree of anxiety, to the time when her offspring were to take the whole care of themselves: but whilst she was musing how, or where, or with whom; behold! the gosling had pitched upon a partner for life; and though she had carefully saved the scattering feathers which at different times had fallen from her mother, yet, now wanting a nest independent of her parent, she persuaded her that the feathers on her neck and breast were so numerous, that some might be spared for her accommodation: at any rate, they would soon be replaced by new ones growing. Impressed with this belief, they were accordingly plucked out and given to her. In a short time after, the two ganders had made choice of mates, and they wanted feathers, some for ornament, and some for use: they accordingly fixed themselves one on this side, and one on that, and one desired a feather here, and the other claimed one there, until the good-natured goose began to feel herself much stripped; yet still hoped that, as heretofore, they would soon grow again: but as Autumn approached, and the evenings and mornings began to grow cool, she frequently felt herself pinched with the cold: when one afternoon, whilst feeding by the side of a pond, a hungry, half starved dog ran towards her, and she attempted to fly across, as she had often done before; but alas! from the loss of plumage, and the weakness of old age, she fell into the water—took cold—grew poor—looked miserable—languished and died.

Let parents who have children about settling for life, attend to the moral—make the application, and beware.

Calumny.

Calumniators are those who have neither *good hearts* nor *good understandings*, we ought not to think ill of any one till we have palpable proof; and even then, we should not expose them to others.

We ought to attend to our business, and not meddle with the affairs of others, unless we are applied to, to render a service. We should condemn no one unheard.

Look on slanderers as direct enemies to civil society; as persons without honor, honesty, or humanity. Who-

ever entertains you with the faults of others, design to serve you in a similar manner.

To accuse another who is not present to answer for himself, is mean, sneaking, cowardly, and base; and I know not whether the *bearer* of tales, or the *receiver* is most criminal, for one produces the other.

The great Zimmerman justly observes, That there is always something great in that man against whom the world exclaims; at whom every one throws a stone, and on whose character all attempt to fix a thousand crimes, without being able to prove one.

Mistrust.

Of all the defects of the human heart, there is none more enroaching, more insidious, more dangerous than *mistrust*—viewed thro' her distorted opticks, there is no action so innocent, no every-day occurrence so insignificant, that does not assume the appearance of offence. Words are misconstrued; looks are interpreted; thoughts are guessed at and acted upon, as if thoughts were facts; the supposed fault is retaliated by a real one, that one gives birth to more—injury succeeds injury, and crime treads upon the heels of crime, till the web of mischief and misery is complete; and the suspector starts in surprize and horror to find both himself and his adversary equally involved in that guilt, which but for his suspicions would probably have been the lot of neither.

Marriage

Enlarges the scene of our happiness and miseries. A marriage of love is pleasant; a marriage of interest, easy; a marriage where both meet, happy. A happy marriage has in it all the pleasures of friendship, all the enjoyments of sense and reason, and indeed, all the sweets of this life. Nothing is a greater mark of a degenerate and vicious age, than the common ridicule which passes off this stage of life. It is indeed only happy in those who can look down with scorn or neglect on the impieties of the times and tread the paths of life together in a constant uniform course of virtue.

The Batchelor.

A bachelor is not a complete human being. He is like the odd half of a pair of *scissors*, which has not yet found its fellow, and therefore is not even *half* so useful as it would be were it fitted to its counterpart.

The task of working improvement on the earth, is much more delightful to an undebauched mind, than all the vain glory which can be acquired from ravaging it by the most uninterrupted career of conquests.—*Washington.*

Life.

To complain that life has no joys, while there is a single creature whom we can relieve by our bounty, assist by our councils, or enliven by our presence, is to lament the loss of that which we possess, and is just as rational as to die of thirst with the cup in our hands. But the misfortune is, when a man is settled into a habit of receiving all his pleasures from mere selfish indulgencies, he wears out of his mind the relish of every nobler enjoyment, at the same time that his animal powers are growing more languid by repetition. It is no wonder therefore, if he should fill up the measure of his gratifications, long before he has completed the circle of his duration; and, either wretchedly sit down the remainder of his days in discontent, or rashly throw them up in despair.

Temperance preserves the soul unclouded, and the body in health. It is one of the chief auxiliaries to independence and fortune, and the true guide to old age.

Living Deaths.—"A man," said Martin Luther, "lives forty years before he knows himself to be a fool; and at the time he begins to see his folly, his life is nearly finished, so that many men die before they begin to live."

Roche foucault, justly observes—"We should often blush for our brightest actions, were the world but to see the motives from which they sprung."

It is a common opinion that every generation of man is less in stature, as well as shorter lived than that which preceded it, and it seems quite settled that every thing grows less and less, except TAXES and STRAW BONNETS.

The Faithful Friend.

My father left ten thousand pounds,
And will'd it all to me ;
My friends, like sun-flies flocked around,
As kind as kind could be.

This sent a buck, and that a hare,
And some the lord knows what ;
In short, I thought I could declare
No one such friends had got,

They ate my meat, they drank my wine,
In short, so kind were they,
That be the weather wet or fine,
They'd dine with me next day.

They came—and like the circling year,
The circling glass went round ;
Till something whisper'd in my ear,
“ Ah, poor ten thousand pound !”

“ Pshaw ! stuff !” cried I, “ I'll hear it not ;
Besides, such *friends* are mine,
That what they have will be my lot,
So push about the wine !”

The glasses rung, the jest prevailed,
'Twas summer every day !
Till like a flower by blight assail'd,
My thousands dropt away.

Alas ! and so my friends dropt off,
Like rose leaves from the stem ;
My fallen state but met their scoff,
And I no more saw them !

One only friend to me remain'd,
When all the locusts flew,
One that ne'r shrunk, nor friendship feign'd
My faithful DOG !—'Twas you !

MEDICAL RECIPES.

Cure for the Cholera Morbus.

Take a small handful of the leaves of either Peppermint or Spear-mint, rather more than half as much of the leaves of Tansey, mix them and put them in a soft thin flannel bag, large enough to cover the stomach and bowels; quilt the bag through in several places, so as to prevent the herbs from falling to one place which would be very oppressive and injurious, then put it in a sufficient quantity of hot brandy to wet it through, and apply it over the stomach and bowels, about blood heat; wet the bag several times through the day with warm brandy, and change the herbs every evening—it must not be left off until the patient is quite recovered. The above will render the stomach retentive; then give them every morning or two a tea spoonful of the syrup of rhubarb, and in the latter part of the afternoon, about 8 drops of sweet spirits of nitre, every hour for 3 hours in succession. By continuing the above for a few days, more or less, according as the child may require it, the writer has had the satisfaction of seeing a great many children perfectly restored and never knew it to fail. But they must not eat or drink any thing that is the least sour, such as unripe fruits, new cheese, or any thing that is hard of digestion, ripe blackberries are very good, or if they should wish, old cheese, fresh butter, a little sweet ham, or eggs, either boiled or fryed, they may be indulged in with safety. The quantity of rhubarb and sweet spirits of nitre is for a child one year old.

Another.

Take one thimble full of salts of tartar half a pint of water, lime juice to make it acid, and a few drops of peppermint sweetened with loaf sugar, for a grown person.

Antidotes for Poison

1. When the preparations of Arsenic, Mercury, Antimony, or of any metal, or when any unknown substance or matter has been swallowed, and there have speedily ensued heat of the mouth and throat, violent pain of the stomach, retching and vomiting—immediately drink

plentifully of warm water, with common soap dissolved or scraped in it—two or three quarts of warm water, with from three or four ounces to half a pound of soap, will not be too much.

2. When any of the preparations of Opium, Henbane, Nightshade, Hemlock, Tobacco, Fox-Glove, or Stramonium, or any poisonous Fungus, mistaken for Mushrooms, or Spirituous liquors in excess, or any other unknown matters have been swallowed, exciting sickness without pain of the stomach, or producing giddiness, drowsiness, and sleep—give instantly one table spoonful of flour of mustard in water, and repeat it in copious draughts of warm water constantly, until vomiting takes place. If the person becomes so insensible as not to be easily roused—give the mustard in vinegar instead of water, and rub and shake the body actively and incessantly.

3. When Oil of Vitriol, Spirits of Salt, or Aqua Fortis, have been swallowed, or spilt upon the skin, immediately drink, or wash the part with large quantities of water, and as soon as they can be procured, add soap, or potash, or chalk, to the water.

In the Schoharie (N. Y.) Republican, is a minute account of a cure being effected for poison by arsenic.—The physician says he commenced the day after the arsenic was taken, while the hiccups continued unabated, to give half an oz. of pulverized charcoal mixed in half a pint of sweet milk every hour; and one half pint of olive oil, or sweet oil, every 2 hours.

Fever and Ague,

Which has been tested to be effectual.

Take 30 grains of salt of wormwood, 20 grains of Virginia snakeroot, 1-2 oz. red bark; mix them together in a gill of molasses—take 1-3d when the fit is first coming on, 1-3d four hours after, and 1-3d four hours later still.

N. B. In most cases it would be advisable first to take an emetic.

Another.

Take one ounce of Bark (common yellow Peruvian) one ounce of Cloves, ground fine, and mix them in a bottle of good Madeira Wine, of which take a wine glass

full every 10 or 15 minutes, beginning two hours before the chill is expected, taking care to shake the bottle well before each drink. When the chill comes on, no more is to be taken until the next day at the same time.

To Cure the Gravel.

Dr. Williams, an eminent physician of Virginia, having suffered many years by the gravel, was finally cured by taking pure, strong coffee. He discovered the remedy as follows: as an experiment, he put a small quantity of the gravel which he had voided, into three wine glasses, one containing gin, a second containing a solution of lime (lime water) the third glass containing pure strong coffee. After waiting a few days, on examination, he found that the gravel deposited in gin, was not altered: that deposited in lime water appeared a little softened, and that deposited in strong coffee, was reduced to an impalpable powder. Encouraged by this experiment he adopted the use of pure coffee, unmixed with any ingredient. In a short time he voided gravel reduced to sand, with little pain and was relieved.

FAMILY RECIPES.

To Cure Hams.

The Burlington Hams are Cured as follows.

To 12 hams of common size take 8 lbs. of brown sugar, 1 1-2 of well chrystalized salt petre, and five of fine salt—rub the hams with this mixture, and let them be one week in a cask with the skin downward—then make a pickle of the strongest coarse salt, of sufficient strength to bear an egg; add about 2 or 3 quarts of lye from hickory ashes, refined by boiling and scumming? when cold, cover the hams with it and keep them down by a weight: let them lie three or four weeks, according to their size, then hang them up in the smoke house; after 24 hours commence smoking them with sound hickory wood and repeat this every morning until sufficiently smoked.

To preserve Potatoes.

Pack Potatoes in casks when digging them from the ground and fill the interstices, as they are put into the

casks, with sand. The cask will hold as many potatoes as it would without sand; by this means the air is sufficiently excluded, which is as injurious to the potatoes, as is the sun; they cannot be too soon secluded from both.

Ginger Beer.

One dram of tartaric acid; two drams of ginger; three ounces of the best white sugar pounded very fine, mixed together, and kept in blue paper, ready for use. One dram of carbonate of soda in white paper. Put the *blue* paper mixture into a half pint glass three parts water; and the *white* paper powder into a wine glass full of water; mix them both well, and pour the latter into the half pint glass.

Blacking,

Which when on the Boots or Shoes, can be rubbed with a cambric handkerchief without soiling it in the least, and will assume the same lustre after being plunged in water as before.

One-fourth lb. of ivory black, 1 oz. linseed oil, 1 oz. spirits of lavender, 1 oz. oil vitriol, 2 oz. sugar candy, 3 pints best vinegar, and juice of two lemons.

Note.—The ivory black and linseed oil to be well mixed in a mortar, the sugar candy to be pounded, the vitriol to be put in a glass of water and let stand till cold, the spirits lavender and oil vitriol not to be put in until all the other ingredients have been well mixed.

To set a Ley Cask for Soap.

Bore a hole in the side of the cask, as near the bottom as well may be, to which a long plug should be fitted, so as to be perfectly tight; lay on the bottom of the ley cask as many bricks or brick-bats, as will support a false bottom, which is to be laid on the bricks; the pieces of this bottom are to be placed near each other, yet so as to admit the ley to pass freely, then lay thereon about 3 or 4 inches of clean hay or straw, well pressed down: on this begin to spread the ashes, in layers of about six inches, and tread them down close, throw in water enough to dampen the ashes; after the first layer of the ashes is spread and damped, add a small quantity of the best stone lime, and then another layer of ashes, which damp as before, and so proceed with the lime, &c. until

the cask is full; make use of one or one and a half bushels of lime for ten bushels ashes, placing the lime as nearly equal as may be between each of the layers of ashes, after they have been saturated with water. Observe when the tub is filled, to leave the mass at the top higher at the sides than in the middle, in order to receive as much water as will admit about ten gallons of strong ley to be drawn off.

If boiling water is used for the above, the ley may be drawn off in an hour, and if there should be more than 10 or 12 gallons of ley, or if it should not be quite clear, or free from filth, it should again be poured on the top, when it may be drawn off again and will be fit for use. When the first or strong ley is obtained, put as much water on the cask as will fill it, which may be drawn off, after being stopped 12 hours, when 20 or 25 gallons second ley may be drawn and more water put on.

To make soft Soap.

If the soap is to be made by boiling, put 15 or 18 lbs. of fat into 5 gallons of the first or strong ley, put these into a kettle (which will hold a barrel) set it over the fire, stirring it frequently, and when the fat is all melted, add about 15 gallons of the second ley, gradually; when the whole has boiled for an hour or more, about 10 gallons of the third ley, may be poured in gradually, so as to make a barrel of soft soap; after this has boiled for about 2 hours, the whole may be poured into a barrel, and when cold the soap is made: or,

Soft Soap may be made in the sun or cellar, by putting 15 or 18 lbs. of fat into a barrel, with 5 or 6 gallons strong ley; after stirring it well, add 15 gallons of the second ley, then stir the whole together 2 or 3 times a day for a week or two, or until it is well incorporated, when 15 gallons of the third may be added.

To make hard Soap.

Put 15 lbs. fat into 18 or 20 gallons strong ley, boil it 4 hours, till it grows thick, then add half a peck coarse salt, and let it boil 2 hours more, if it does not curdle, add more salt until it does; after this it must be poured into a tub to cool; the next day, take the thick soap out of the tub, put to it about 18 gallons weak ley, boil it 4 hours, and add another half peck of salt, then

let it boil 2 or 3 hours more—after this pour it into a tub; the next day it may be cut into pieces for use. If it is not then sufficiently hard, let it stand a day or two and it will become so.

If pearl-ash is used, it will require about three times its weight of lime, to make lixivium sufficiently caustic for soap.

To preserve Eggs fresh 12 months.

Having provided small casks, fill them with fresh laid eggs, then pour into each cask as much cold thick lime water as will fill up all the void space between the eggs, and likewise completely cover them, the thicker the lime water is the better, provided it will fill up all the interstices and be liquid at the top of the casks, this done, lay on the head of the casks lightly. No further care is necessary, than merely keeping them from the heat and frost.

To Destroy Bed Bugs.

Take a sufficient quantity of 4th proof spirits, and as much pearl ashes as will dissolve in it, and after washing every hole and crevice of the bedstead with it, take a clean strip of linen or muslin, wet it with the liquor and wrap it round the bed posts close to the floor. This will destroy the bugs and prevent others from getting on the bedstead.

Cheap and Durable Paint for Roofs.

A correspondent of the Philadelphia Daily Advertiser states that he took a bushel of air slacked lime, one peck of clean ashes, and one peck of sea-sand, which, after being carefully mixed, were sifted in a fine wire sieve, three times; he then added five gallons of boiled linseed oil and worked it in a tub till it would spread easy with a painter's brush, after which, with three boys, he spread it over a roof 40 by 25 feet, in 12 hours. Three days after, it could not be scraped with a strong knife without doing violence to the shingle.

Another correspondent of the Daily Advertiser states that paint mixed with Tar-Oil (procured from Tar by distillation) will give to shingles a durability not to be acquired by any other mixture.

A TABLE OF INTEREST,

FOR DOLLARS AND CENTS At 7 Per Cent.

Pr. Dol. das	P.L.																
	5	10	15	20	25	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1000	96	192	288	384	479	583	1167	1750	2333	2917	3500	4083	4667	5250	5833	6417	7000
900	86	173	259	345	432	525	1050	1575	2100	2625	3150	3675	4200	4725	5250	5775	6300
800	77	153	230	307	384	467	933	1400	1867	2333	2800	3267	3733	4200	4667	5133	5600
700	67	134	201	269	336	408	817	1225	1633	2042	2450	2858	3267	3675	4083	4492	4900
600	58	115	173	230	288	350	700	1056	1400	1750	2100	2450	2800	3150	3500	3850	4200
500	48	96	144	192	240	292	583	875	1167	1458	1750	2042	2333	2625	2917	3208	3500
400	38	77	115	153	192	233	467	700	933	1167	1400	1633	1867	2100	2333	2567	2800
300	29	58	86	115	144	175	350	525	700	875	1050	1225	1400	1575	1750	1925	2100
200	19	38	58	77	96	117	233	350	467	583	700	817	933	1050	1167	1283	1400
100	10	19	29	38	48	58	117	175	233	292	350	408	467	525	583	642	700
90	9	17	26	35	44	52	105	157	210	262	315	367	420	472	525	577	630
80	8	15	23	31	38	47	93	140	187	233	280	327	373	420	467	513	560
70	7	13	20	27	34	41	82	122	163	204	245	286	327	367	408	449	490
60	6	12	17	23	29	35	70	105	140	175	210	245	280	315	350	385	420
50	5	10	14	19	24	29	58	87	117	146	175	204	233	262	292	321	350
40	4	8	12	15	19	23	47	70	93	117	140	163	187	210	233	257	280
30	3	6	9	12	14	17	35	52	70	87	105	122	140	157	175	192	210
20	2	4	6	8	10	12	23	35	47	58	70	82	93	105	117	130	140
10	1	2	3	4	5	6	12	17	21	26	31	37	42	47	52	58	63
9	1	2	3	3	4	5	10	14	19	23	28	33	37	42	47	51	56
8	1	1	2	3	3	4	9	12	16	20	24	29	33	37	41	45	49
7	1	1	2	2	3	3	8	11	14	17	21	24	28	31	35	38	42
6	1	1	2	2	2	3	7	10	13	16	19	22	25	28	31	34	37
5	0	1	1	1	1	2	6	9	12	15	17	20	23	26	29	32	35
4	0	1	1	1	1	2	5	7	9	12	14	17	20	23	26	29	32
3	0	1	1	1	1	1	4	6	8	10	12	14	16	19	21	23	26
2	0	0	1	1	1	1	3	5	7	9	11	13	15	17	20	22	25
1	0	0	0	0	0	1	2	3	4	6	8	10	12	14	16	18	21

Federal Courts of the United States.

THE SUPREME COURT

Holds one session annually, at the seat of the general Government, on the first Monday in February.

THE CIRCUIT COURTS

Are held in *New-Jersey*, on the first of April, and first of October, at Trenton.

In *Pennsylvania*, at Philadelphia, on the eleventh of April; and at Yorktown, the eleventh of October.

In *Delaware*, on the third Monday of June, and twenty-seventh of October, at New-Castle and Dover.

In *Maryland*, on the first of May, and seventh of November, at Baltimore.

In *Virginia*, the twenty-second of May, and twenty-second of November, at Richmond.

THE DISTRICT COURTS

Are held in *New-Jersey*, on the first Tuesday in November and May, at New-Brunswick; and first Tuesdays in February and August, at Burlington.

In *Pennsylvania*, on the third Mondays in November, February, May and August, at Philadelphia.

In *Delaware*, on the fourth Tuesdays in November and May, at New-Castle; and the fourth Tuesdays in February and August, at Dover.

In *Maryland*, on the first Tuesdays of December, June, March, and second in September, at Baltimore.

In *Virginia*, on the third Tuesdays in December and June, at Richmond; and on the third in March and September, at Norfolk.

Courts of the State of New-Jersey.

SUPERIOR COURTS

Are held at Trenton, the second Tuesdays in May and November, the first in September, and the last in February annually.

CIRCUIT COURTS

Are held in the several counties as follows:

In *Bergen*, on the 4th Tuesday in March and October.
Essex, . . . 2nd . . . in January, 3rd in Sept.
Monmouth, . . 4th . . . in April, ..3rd in Oct.
Somerset, . . 3rd . . . in April, .. 1st in Oct.

In Middlesex,	2nd Tuesday	in June,	..2nd in Dec.
Burlington,	4th	in May,	.. 1st in Nov.
Gloucester,	3rd	in March	.. 1st in Oct.
Salem,	1st	in March,	3rd in Sept.
Hunterdon,	1st	in May,	.. 4th in Oct.
Morris,	3rd	in March,	4th in Sept.
Cumberland,	1st	in June,	.. last in Nov.
Sussex,	4th	in May,	.. November.
Cape-May,	last	in May	annually.

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

INFERIOR COURTS OF COMMON PLEAS AND GENERAL QUARTER SESSIONS OF THE PEACE.

Are held in the several counties as follows :

Middlesex,	on Tuesdays,	2nd in March,	June Sept. & Dec
Monmouth,	4th	in Jan. April, & July,	& 3d in Oct.
Essex,	2nd	in Jan. April, 4th	in June, 3d in Sep.
Somerset,	1st	in Jan. 3rd in April,	June, 1st in Oct.
Bergen,	4th	in Jan. March, Oct. &	2nd in June.
Morris,	3d	in Dec. March, 1st	in July, 4th in Sep.
Burlington,	2nd	in Feb. Aug. 4th	in May, 1st in Nov.
Gloucester,	3rd	in Mar. June, 1st	in Oct. 2d in Dec.
Salem,	1st	in Mar. 2d in June,	3d in Sep. 1st in Dec.
Cape May,	1st	in Feb. Aug. last	in May, 4th in Oct.
Hunterdon,	1st	in Feb. May, August,	4th in Oct.
Cumberland,	last	in Feb. Nov. 1st	in June. 4th in Sep.
Sussex,	3rd	in Feb. Aug. 4th	in May & Nov.

COURTS OF NISI PRIUS

Are held at such times and places as the Judges shall direct and appoint.

COURTS OF THE BOROUGH OF ELIZABETH,

Are held on the first Tuesdays in March, June, September and December.

To readers.—The principal object, in the selections of matter for this Almanac, has been, and always will be, usefulness. The practice commonly pursued, of filling an Almanac with trifling anecdotes and light trash, we conceive to be altogether unprofitable, and improper, to be sent yearly into each family, throughout the country. This plan of the Citizen's and Farmer's Almanac, we submit to the patronage or rejection of the public.

1-14 28-33

1-33 1-43