

A N  
Astronomical Diary, Kalendar,  
O R  
A L M A N A C K,  
F O R T H E Y E A R O F O U R L O R D,

1 7 9 3 :

And from the Creation of the World, 5742.

And, after the 4th of July, the 17th of AMERICAN INDEPENDENCE.

Being the first after BISSEXTILE or LEAP-YEAR.

Adapted to the Horizon and Meridian of NEW-HAVEN, Lat. 41 Deg. 19 Min. North, and Longit. 73 Deg. 14 Min. Westward of the Royal Observatory, or *Flemish-House* in Greenwich, according to the latest Observations : But (without any sensible Error) may serve indifferently for all the Towns in Connecticut, and the adjacent States.

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By H. STAFFORD, *Philos. Math.*

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Who can tell me, how this beauteous Frame  
Of all Things, from the Womb of Nothing came;  
When Nature's Lord with one Almighty Call,  
From no where rais'd the World's capacious Ball!  
Say, whose Hand is it guides the various Rounds  
Of this vast Earth, and circumscribes its Bounds;  
Or, who those distant Spheres amid the Sky,  
Preserves their Movements in such Harmony?

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NEW-HAVEN:  
Printed and Sold by T. & S. GREEN.

OF ECLIPSES for A. D. 1793.

There will be four Eclipses this Year, two of each Luminary.

I. The first will be of the MOON in the 8th degree of Virgo, February 25th, partly visible; calculated as follows:

Beginning,	4h. 18m. 30f.	} After-noon.
Middle,	5 36 24	
End,	6 54 18	
Duration,	2 35 48	



Digits eclipsed  $5\frac{1}{2}$  on the North Side of the Moon. (See the Figure.)

☽'s Lat. at apparent 8 40m. 3sec. south decreasing.

☉'s apparent Diameter 32m. 28sec.

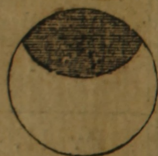
☽'s apparent Diameter 29m. 48sec.

II. The Second will be of the SUN, in the 22d degree of Pisces, March 12, at 43m. past Midnight, invisible.

III. The Third will be of the MOON, in the 29th degree of Aquarius, August 21st, at 46m. past 9 in the Morning, invisible.

IV. The Fourth will be of the SUN, in the 14th degree of Virgo, September 5th, partly visible; calculated as follows:

Beginning,	4h. 5m.	} Morn- ing.
Middle,	4 58	
Greatest Obscuration,	5 1	
End,	5 52	



Duration 1h. 47m.

Digits eclipsed  $5\frac{1}{2}$  nearly, on the North Side of the Sun. (See the Figure.)

Moon's Latitude at apparent 6 40m. 44f.

☉'s Apparent Diameter 33m. 58f.

☽'s Apparent Diameter 29m. 54f.

As to the World in general, this Eclipse is calculated as follows:

The partial Shadow first touches some Part of the Earth, and the general Eclipse begins, 3h. 51m. 50f.

The Center of the Shadow comes on, 5 15 50

Middle of the general Eclipse, 6 44 52

The Center goes off, 8 13 54

The Penumbra goes wholly off, and the Eclipse ends in every Part of the World, 9 37 56

Morning.

Whole Duration 5 hours 46 min. 6 sec.

Duration of eclipse of Sun's Center 2 hours 58 min. 4 sec.

*Circuit Court of the United States in the Eastern District.*  
New-York District. At New-York, the 5th of April  
and September.

Connecticut, at New-Haven, the 25th of April : At  
Hartford, the 25th September.

Massachusetts, at Boston, the 12th of May and October.

New-Hampshire, at Portsmouth, the 24th May : At  
Exeter the 24th of October.

Rhode-Island, at Newport, the 7th June : At Provi-  
dence, the 7th of November.

Vermont, at Bennington, the 17th of June.

*District Courts in the District of Connecticut.*

At Hartford, on the third Tuesdays of November and  
May : At New-Haven, on the third Tuesdays of Februa-  
ry and August.

Special Courts to be held at such place as the Judge shall  
direct.

*Astronomical Notes for A. D. 1793.*

Prime or Golden Number 8	Year of Dionysian Period 122
Epact - - - - - 17	— of Roman Indiction 11
Cycle of the Sun 10	— of Julian Period 6506
Dominical Letter F	

On the 23d of June the Moon will rise very much South,  
and with a greater Amplitude from the East than she can  
have, when rising with a full Face, throughout the Year.

The illustrious Planet VENUS will be Evening Star till  
the 28th of March ; thence Morning Star to the Year's  
End. This Planet will, on the 30th of March, be in  
Conjunction with the 7 Stars, and appear to be within  
about  $\frac{2}{3}$  of a Degree South of them.

The Star of the first Magnitude, called *Aldebaran*, or  
the Bull's South Eye, will approach near to an Occultation  
by the Moon, at 23 min. after the Midnight preceding the  
first of August, which will be about 15 m. after the Star rises.

*Freemens Meetings.*

Freemens Meetings are holden in Connecticut, on the  
Third Monday in September ; and on the Monday next  
following the first Tuesday in April, annually, throughout  
the State.



VARIATION of SUN and CLOCK.

*Days.*      *January*  
 1 ☉ slow clock 2m. 35f.  
 7 7\*<sup>s</sup> south 8h. 18m.  
 13 Day break 5h. 38m.  
 19 ☉ slow clock 14m. 9f.  
 25 7\*<sup>s</sup> south 7h. 1m.

*February.*

1 ☉ slow clock 14m. 9f.  
 7 7\*<sup>s</sup> south 6h. 8m.  
 13 Day break 5h. 10m.  
 19 ☉ slow clock 14m. 11f.  
 25 7\*<sup>s</sup> south 5h.

*March.*

1 ☉ slow clock 12m. 35f.  
 7 7\*<sup>s</sup> set 11h. 50m.  
 13 Day break 4h. 31m.  
 19 ☉ slow clock 7m. 49f.  
 25 7\*<sup>s</sup> set 18h. 44m.

*April.*

1 ☉ slow clock 4m.  
 7 7\*<sup>s</sup> set 9h. 57m.  
 13 Day break 3h. 42m.  
 19 ☉ fast clock 1m. 4f.  
 25 7\*<sup>s</sup> set 8h. 50m.

*May.*

1 ☉ fast clock 3m. 10f.  
 7 7\*<sup>s</sup> set 8h. 5m.  
 13 Day break 2h. 48m.  
 19 ☉ fast clock 3m. 54f.  
 25 7\*<sup>s</sup> set 6h. 53m.

*June.*

1 ☉ fast clock 2m. 35f.  
 7 7\*<sup>s</sup> set 6h. 1m.  
 13 Day break 2h. 11m.  
 19 ☉ fast clock 0m. 51f.  
 25 7\*<sup>s</sup> rise 1h. 48m. morn.

*Days.*      *July.*  
 1 ☉ slow clock 3m. 22f.  
 7 7\*<sup>s</sup> rise 48m. past midn.  
 13 Day break 2h. 26m.  
 19 ☉ slow clock 5m. 48f.  
 25 7\*<sup>s</sup> rise 11h. 45m.

*August.*

1 ☉ slow clock 5m. 50f.  
 7 7\*<sup>s</sup> rise 10h. 55m.  
 13 Day break 3h. 13m.  
 19 ☉ slow clock 3m. 10f.  
 25 7\*<sup>s</sup> rise 9h. 47m.

*September.*

1 ☉ fast clock 0m. 23f.  
 7 7\*<sup>s</sup> rise 9h.  
 13 Day break 4h. 10m.  
 19 ☉ fast clock 6m. 29f.  
 25 7\*<sup>s</sup> rise 6h. 1m.

*October.*

1 ☉ fast clock 10m. 30f.  
 7 7\*<sup>s</sup> rise 7h. 12m.  
 13 Day break 4h. 52m.  
 19 ☉ fast clock 14m. 29f.  
 25 7\*<sup>s</sup> rise 6h. 1m.

*November.*

1 ☉ fast clock 16m. 13f.  
 7 7\*<sup>s</sup> south 12h. 43m.  
 13 Day break 5h. 28m.  
 19 ☉ fast clock 14m. 4f.  
 25 7\*<sup>s</sup> south 11h 28m.

*December.*

1 ☉ fast clock 10m. 23f.  
 7 7\*<sup>s</sup> south 10h. 30m.  
 13 Day break 5h. 44m.  
 19 ☉ slow clock 2m. 10f.  
 25 7\*<sup>s</sup> south 9h. 16m.



JANUARY hath 31 Days.

W I N T E R.

Hush'd are the notes of sylvan love,  
 No warbler/echoes thro' the grove;  
 The russet lawns, the leafless trees,  
 No more enjoy the tepid breeze;

Last quarter 5th day 7<sup>3</sup>/<sub>4</sub> morning.

New moon 12 h day 4 morning.

First quarter 18th day 8<sup>3</sup>/<sub>4</sub> night.

Full moon 26th day 11<sup>3</sup>/<sub>4</sub> night.

W	Aspects, Weather, &c	R	☉	♁	♂	♃	♄	♅
1	3 Circumcision & 18 <sup>m</sup>	7	29	5	1	52	29	8 0
2	4 Much snow	7	29	5	2	33	belly	9 51
3	5 ☽ or rain	7	29	5	3	15	23	10 44
4	6 about this time.	7	28	5	3	47	reins	11 57
5	7 Windy.	7	27	5	4	44	18	M <sup>th</sup>
6	8 Epiphany.	7	27	5	5	32	secret	1 10
7	2 ☉ 18 <sup>h</sup>	7	26	5	6	28	14	2 5
8	3 Vac. Y. Col. & 4 D	7	25	5	7	6	28	2 57
9	4 Likely for snow,	7	25	5	8	0	thighs	4 0
10	5 or rain.	7	24	5	8	50	27	4 57
11	6 High Tides. ☉ Peri.	7	24	5	10	1	knees	6 7
12	7 Now we may ex-	7	23	5	11	4	27	D set
13	8 1st past Epip. ☽	7	23	5	A.	6	legs	6 34
14	2 more	7	22	5	1	20	30	8 5
15	3 snow.	7	21	5	2	7	feet	9 5
16	4 ☉ &	7	20	5	2	45	27	10 0
17	5 Blustering weather.	7	19	5	3	52	head	11 23
18	6 & 4 D	7	18	5	4	26	24	M <sup>th</sup>
19	7 ☉ enters ☽	7	17	5	5	18	neck	0 20
20	8 2d past Ep. ☽ so. 7.4.	7	16	5	6	4	20	1 19
21	2 ☽ so. 7.37.	7	16	5	6	37	arms	2 12
22	3 ☉ in ☉ Per. ☽ 8.40	7	15	5	7	40	15	3 1
23	4 ☽ so. 9.28.	7	13	5	8	28	27	4 10
24	5 More moderate,	7	12	5	8	57	breast	5 3
25	6 inclining to a	7	11	5	10	2	20	5 3
26	7 ☉ Apogee. tbaw.	7	10	5	10	41	heart	D <sup>th</sup>
27	8 Septuagesima Sund.	7	9	5	11	42	14	5 4
28	2 Perhaps	7	8	5	M.		26	6 4
29	3 clouy	7	7	5	0	16	belly	7 4
30	4 and rainy.	7	6	5	0	55	19	8 5
31	5 & 4 ☉ ☽	7	6	5	1	52	reins	9 4

F E B R U A R Y hath 28 Days.

No more the flowers their tints display,  
 No more the fruits imbrow the spray;  
 But gayless Winter mounts his throne,  
 And calls the subject world his own.  
 Hoar mists obscure the morning beam,  
 And mid-day sun scarce shoots a gleam;  
 But soon the evening shadows fall,  
 And sable darkness circles all.

Last Quarter 3d Day 11<sup>3</sup>/<sub>4</sub> Night.  
 New Moon 10.h Day 2 Afternoon.  
 First Quarter 17th Day at Noon.  
 Full Moon 25th Day 6 Afternoon.

M	W	Notes Weather, &c	R.	☉	☽.	F. Jea	☉'s pl.	r	☉'s.
1	☉	14 <sup>m</sup> ☉ 16 <sup>m</sup>	7	3	5	2	27	15	10 41
2		Candlemas.	7	2	5	3	11	27	11 39
3	F	Sexagesima Sunday.	7	1	5	4	1	secret	Morn.
4		Rain or	6	59	6	4	47	23	0 41
5	☉	☉ 4 D snow	6	58	6	5	37	thighs	1 41
6		about.	6	56	6	6	27	20	2 38
7		these days.	6	55	6	7	25	knees	3 37
8		Windy and	6	54	6	8	25	18	4 36
9		cold.	6	52	6	9	24	legs	5 26
10	F	Quinq. Sund. ☉ Peri.	6	51	6	10	26	20	D sets
11		high tides.	6	49	6	11	30	feet	6 26
12		D ☉	6	48	6	A.	23	20	7 33
13		Ash-Wed. ☉ 1 ♀ ☉	6	46	6	1	18	head	8 48
14		Now the weather (27 <sup>v</sup> )	6	46	6	2	15	19	9 49
15		may moderate. ☉ ☉ D	6	45	6	3	4	neck	11 4
16		Fair but cold.	6	44	6	3	36	17	11 50
17	F	1st Sunday in Lent.	6	43	6	4	36	29	Morn.
18		☉ enters ♄	6	42	6	5	31	arms	0 59
19		D so. 7. 12.	6	40	6	6	12	23	2 1
20		D so. 7. 57.	6	38	6	6	57	breast	2 47
21		D so. 8. 51.	6	37	6	7	51	16	3 35
22		D so. 9. 31.	6	36	6	8	31	29	4 24
23		Blustering winds.	6	35	6	9	23	heart	5 1
24	F	2 in Lent. ☉ Apog	6	35	6	10	9	23	5 30
25		D visibly eclipsed.	6	34	6	11	1	belly	D rise
26		Rain or ☉ ☉	6	33	6	11	53	17	6 50
27		snow ☉ 4 ☉	6	31	6	M.		29	7 49
28		about this time.	6	29	6	0	36	reins	8 37

M A R C H hath 31 Days.

*The vanity of human life.*

**A** River pouring down the Mountain's Side ;  
An Ocean rolling on its rapid Tide ;

Last Quarter 5th Day 9½ Forenoon.  
New Moon 12th Day 43 min. Morning.  
First Quarter 19th Day 6 Morning.  
Full Moon 27th Day 6½ Morning.

M	W	Aspects, Weather, &c.	R.	☉	☽	F. jea.	●'s pl.	r.	●'s
1	6	☉ 12 ♋ 8 16 ♍	6	26	6	1 10	24	9	40
2	7	<i>Blustering winds.</i>	6	25	6	2 1	secrets	10	51
3	F	3d in Lent.	6	24	6	2 53	20	11	35
4	2	♄ ♃ D	6	23	6	3 38	thighs	Morn:	
5	3	☉ in D's 8th. A.M.	6	22	6	4 31	17	0	37
6	4	<i>Drizly</i>	6	21	6	5 30	30	1	39
7	5	<i>weather.</i>	6	18	6	6 27	knees	2	37
8	6	<i>Twilight shortest.</i>	6	16	6	7 32	30	3	32
9	7	<i>Cloudy by turns.</i>	6	14	6	8 23	legs	4	14
10	F	4h in Lent. ● Perige	6	13	6	9 21	29	5	0
11	2	<i>High tides.</i>	6	11	6	10 22	feet	5	42
12	3	☉ eclipsed. ♃ 2 ♄	6	10	6	11 13	28	D	fets
13	4	<i>Snow</i>	6	8	6	11 56	head	7	28
14	5	♄ ♃ ● or	6	7	6	A. 58	27	8	48
15	6	<i>rain.</i>	6	5	6	1 50	neck	9	50
16	7	♃ stationary.	6	4	6	2 39	24	10	53
17	F	5th in Lent.	6	3	6	3 33	arms	11	55
18	2	<i>Flights of</i>	6	2	6	4 27	20	Morn.	
19	3	<i>snow.</i>	6	1	6	5 24	breast	0	47
20	4	☉ enters ♋ ♃ retro.	6	0	6	6 2	14	1	55
21	5	(46 d. 13m.)	5	58	7	6 50	26	2	35
22	6	♀ greatest occident	5	56	7	7 35	heart	3	9
23	7	D so 9. 22. ● Apoge.	5	55	7	8 22	20	3	54
24	F	Palm Sun. D so. 10 8	5	54	7	9 8	belly	4	29
25	2	<i>Lady Day.</i>	5	52	7	9 50	13	5	3
26	3	<i>Clouds</i>	5	51	7	10 34	26	5	34
27	4	D 8 over	5	50	7	11 23	reins	●	rise
28	5	<i>for rain or</i>	5	49	7	M.	21	7	28
29	6	<i>Good Friday. bail.</i>	5	48	7	0 12	secrets	8	36
30	7	♄ ♀ 7*s	5	47	7	0 58	16	9	39
31	F	Easter Sunday. ♄ ♃ ●	5	46	7	1 51	30	10	41



A P R I L hath 30 Days.

A Ship, that swiftly driv'n before the Wind,  
Returns no more, nor leaves a Trace behind;  
A winged Arrow, that the Bow scarce bent,  
Fast flies, and trembles in the Mark it meant;

Last Quarter 3d Day 4 $\frac{3}{4}$  Afternoon.  
New Moon 10th Day 10 $\frac{1}{2}$  Morning.  
First Quarter 18th Day 2 Morning.  
Full Moon 26th Day Midnight.

M	W	Aspects, Weather, &c.	R.	☉ S.	F. Sea.	☉'s pl.	r. ☉
1	2	☉ 16 ♀	5	43	7	2 43	thighs 11 38
2	3	Weather often	5	42	7	3 35	27 Morn.
3	4	changes.	5	41	7	4 38	knees 0 38
4	5	☉ 16 ♀	5	39	7	5 34	25 1 35
5	6	Flying clouds.	5	38	7	6 32	legs 2 22
6	7	☉ Perige.	5	38	7	7 23	24 2 54
7	F	1st past Easter.	5	36	7	8 25	feet 3 44
8	2	Freemens Meeting.	5	35	7	9 17	23 4 21
9	3	Cold, (D ☉)	5	33	7	10 7	head 4 56
10	4	cloudy and	5	31	7	10 54	22 D sets
11	5	rainy	5	29	7	11 44	neck 7 33
12	6	☽ 7 ♀ about	5	27	7	A. 48	19 8 48
13	7	this time.	5	26	7	1 37	arms 9 47
14	F	2d past Easter. ☉ and	5	25	7	2 42	15 11 0
15	2	☽ rises 10h. (clock tog.	5	24	7	3 23	28 11 45
16	3	Fine showers,	5	23	7	4 7	breast Morn.
17	4	which forward	5	22	7	4 59	22 0 28
18	5	vegetation.	5	21	7	5 47	heart 1 18
19	6	☉ enters 8 ☉ Apoge	5	19	7	6 34	16 2 0
20	7	D so. 8. 27.	5	18	7	7 27	28 2 42
21	F	3d p. Easter D so. 9. 3	5	17	7	8 3	belly 3 24
22	2	☽ 5 ☉. D so. 9 43. D ☉	5	16	7	8 43	22 3 44
23	3	Cold nights,	5	14	7	9 33	reins 4 7
24	4	but pleasant	5	13	7	10 26	18 4 43
25	5	days.	5	12	7	11 8	30 5 20
26	6	☽ 4 ☉	5	11	7	11 53	secrets ☉ rise
27	7		5	10	7	M.	26 8 46
28	F	4th past Easter.	5	9	7	0 57	thighs 9 47
29	2	Fine	5	8	7	1 53	24 10 41
30	3	weather.	5	7	7	2 49	knees 11 47

M A Y hath 31 Days.

Lightnings that while it breaks with flashing Blaze  
 Quick on the Eye, is vanish'd from the gaze;  
 A Sun, that darken'd oft' at dawning Light  
 By sudden Cloude, finds e'er his Noon, his Night;

Last Quarter 3d Day  $\frac{1}{4}$  past Midnight.

New Moon 9th Day  $9\frac{1}{2}$  Night.

First Quarter 17th Day 8 Night.

Full Moon 25th Day  $10\frac{3}{4}$  Forenoon.

M	W	Aspects, Weather, &c.	R.	☉	☽	F. ja.	●	p.	r	●
1	4	Gen. Elect. Newport	5	5	7	3	45	22		Morn.
2	5	South (☉ 14 $\eta$ )	5	4	7	4	43	legs	0	29
3	6	● Perige. winds.	5	3	7	5	35	20	1	18
4	7	☉ 15 $\delta$	5	2	7	6	36	feet	1	50
5	F	Rogation Sund. D $\delta$	5	1	7	7	21	18	2	23
6	2	Vacation Y. College.	5	0	7	8	16	head	3	4
7	3	Perhaps rainy	4	58	8	9	5	17	3	39
8	4	season.	4	57	8	9	56	30	4	12
9	5	Ascen. Day. Gen. Ele $\delta$	4	56	8	10	42	neck	D	sets
10	6	(Hartford. $\delta$ $\frac{1}{2}$ D)	4	55	8	11	43	27	7	47
11	7	Catching weather.	4	54	8	A.	26	arms	8	37
12	F	Sund. past Ascension.	4	53	8	1	18	23	9	37
13	2	☿ so. 12h. 21m.	4	52	8	2	9	breast	10	31
14	3	Seasonable	4	51	8	3	3	19	11	21
15	4	weather.	4	50	8	3	42	30	11	53
16	5	$\delta$ $\frac{1}{2}$ ☉ ● Apoge.	4	49	8	4	30	heart	Morn.	
17	6	Perhaps showers	4	48	8	5	14	24	0	35
18	7	with thunder.	4	47	8	6	9	belly	1	8
19	F	Whit Sund. ● $\delta$	4	46	8	6	52	17	1	51
20	2	☉ enters $\Pi$	4	45	8	7	43	30	2	21
21	3	D so. 9. 33.	4	44	8	8	33	reins	2	58
22	4	D so. 10. 10.	4	43	8	9	10	25	3	32
23	5	Now more	4	42	8	9	36	secret	3	56
24	6	$\delta$ $\frac{1}{2}$ D rain	4	41	8	10	39	21	4	8
25	7	and perhaps	4	40	8	11	43	thighs	D	rise
26	F	Trinity Sunday.	4	40	8	M.		19	8	38
27	2	thunder.	4	39	8	0	40	knees	9	31
28	3	Inf. $\delta$ $\eta$ ☉	4	39	8	1	37	18	10	22
29	4	South	4	38	8	2	35	legs	11	4
30	5	● Perige.	4	38	8	3	28	17	11	42
31	6	wind.	4	37	8	4	16	29	Morn.	

J U N E hath 30 Days.

A momentary Dream, a passing Thought,  
I know not what, that instant sinks to nought,  
Ae Emblems, that with semblance apt display  
Our earthly Course: So flies our Life away!

Last Quarter 11th Day 5½ Morning.

New Moon 8th Day 10½ Forenoon.

First Quarter 16th Day 1 Afternoon.

Full Moon 23d Day 7¼ Afternoon.

Last Quarter 30th Day 10½ Forenoon.

M/W	Aspects. Weather, &c	R	☉ S.	R. Jea.	☉'s pl.	r. D s.
1 7	♄ 10 ♀ D 8	4	36	8	5 13	feet 0 21
2 F	1st past Trinity.	4	36	8	6 7	29 1 2
3 2	☉ 14 ♀	4	35	8	6 58	head 1 39
4 3	Pretty seasonable	4	35	8	7 45	26 2 1
5 4	weather.	4	34	8	8 39	neck 2 46
6 5	♂ ♀ D	4	34	8	9 28	23 3 22
7 6	♀ visible in the East.	4	34	8	10 10	arms 3 54
8 7	Season more	4	33	8	11 2	19 ● sets
9 8	2d past Trin. back-	4	33	8	11 58	breast 8 20
10 2	ward than	4	32	8	A. 47	13 9 8
11 3	we wish for.	4	32	8	1 39	26 9 58
12 4	● Apoge. ♀ 13 8	4	31	8	2 18	heart 10 30
13 5	Rain about	4	31	8	3 3	19 11 6
14 6	♄ 8 this time,	4	31	8	3 51	belly 11 40
15 7	then warm.	4	31	8	4 42	14 Morn.
16 8	3d past Trinity.	4	30	8	5 24	26 0 34
17 2	Flying clouds.	4	30	8	6 1	reins 0 46
18 3	♄ so. 7. 44	4	30	8	6 44	20 1 11
19 4	♄ so. 8. 30	4	30	8	7 30	secrets: 1 48
20 5	♄ so. 9. 10	4	30	8	8 19	16 2 9
21 6	☉ enters ♄ ♂ 4 D	4	30	8	9 12	30 2 45
22 7	Brisk gales.	4	30	8	10 6	thighs 3 27
23 8	4th past Trinity.	4	30	8	11 15	28 ● rise
24 2	St. John Baptist.	4	30	8	M.	knees 8 9
25 3	Rain and thunder	4	30	8	0 13	27 8 56
26 4	● Perige. in great	4	30	8	1 9	legs 9 39
27 5	plenty about	4	30	8	2 5	26 10 21
28 6	♄ 8 this	4	31	8	3 2	feet 10 55
29 7	time.	4	31	8	3 53	26 11 34
30 F	5th past Trin. ☉ Arch	4	31	8	4 46	head M n



U L Y hath 31 Days.

No Line can with the rural Line compare,  
 Compass'd with Solitude, but void of Care ;  
 Of all the Business possible to name,  
 None has th' advantage, tho' of louder Fame ;

New Moon 8th Day 24 min. Morn.

First Quarter 16h Day 3½ Morn.

Full Moon 23d Day 4 Morn.

Last Quarter 29th Day 8¼ Forenoon.

M	W	Aspects, Weather, &c	R	☉	S	F. 10	D's pl	☉	
1	2	♁ 8 12	4	32	8	5	32	23	0 2
2	3	Now expect	4	32	8	6	32	reck	0 48
3	4	♁ ♃ ☉ hot weather	4	33	8	7	16	20	1 10
4	5	night and day.	4	33	8	8	5	arms	1 58
5	6	☉ 14 ☽	4	33	8	8	55	15	2 40
6	7	Perhaps showers with	4	34	8	9	45	28	3 25
7	8	6th past Trin. thunder.	4	34	8	10	40	breast	4 21
8	2	4 South 8h. 30m.	4	35	8	11	19	22	D set
9	3	Sun shines	4	35	8	A.	2	heart	8 21
10	4	☉ Apoge. clear	4	36	8	0	52	17	9 2
11	5	for several days.	4	36	8	1	32	27	9 31
12	6	4 27 m D ♁	4	37	8	2	13	belly	9 59
13	7	4 Stationary. Than-	4	37	8	3	7	23	10 38
14	8	7th past Trinity. der.	4	38	8	3	49	veins	11 6
15	2	Some want	4	38	8	4	30	16	11 36
16	3	of rain.	4	39	8	5	15	28	Morn.
17	4	Commenc. Cambridge	4	40	8	6	c	secrets	0 5
18	5	♁ 4 D D so. 7. 50	4	41	8	6	50	24	0 36
19	6	D so. 8 40	4	42	8	7	40	thighs	1 16
20	7	D so. 9 37.	4	43	8	8	37	22	1 55
21	8	8th past Trin. Low	4	44	8	9	35	knees	2 40
22	2	☉ enters ♄ thunder.	4	45	8	10	25	21	3 35
23	3	Full tides.	4	45	8	11	47	legs	☉ rise
24	4	Pretty good bay weather	4	46	8	M.		21	8 11
25	5	Dog days begin. ☉ Per	4	47	8	0	44	feet	8 51
26	6	Now	4	48	8	1	38	21	9 28
27	7	very	4	49	8	2	34	head	10 5
28	8	9 h past Trinity.	4	50	8	3	24	20	11 9
29	2	sultry	4	51	8	4	18	neck	11 52
30	3	♁ 4 ☉	4	52	8	5	c	17	Morn.
31	4	hot.	4	53	8	5	57	30	0 44

A U G U S T hath 31 Days.

Who can enjoy like him what Nature yields,  
Of unmix'd Pleasure? Woods, and op'ning Fields,  
With purling Streams to harmless Joys invite,  
And Innocence improves the soft Delight.

New Moon 6th Day 3 After.  
First Quarter 14th Day 4 Aftern.  
Full Moon 21st Day 9<sup>3</sup>/<sub>4</sub> Morn.  
Last Quarter 28th Day 4<sup>3</sup>/<sub>4</sub> Morn.

M	W	Aspects Weather &c	R	☉	F. lra	☉'s pl	D	
1	5	♄ 6 ♀	4	54	8	6 43	12	0 3
2	6	Somewhat	4	55	8	7 33	24	1 16
3	7	dry weather.	4	56	8	8 18	breast	1 58
4	F	10th past Trinity.	4	57	8	9 17	18	2 52
5	2	☉ 14 ♄	4	58	8	9 53	30	3 43
6	3	Cloudy by turns.	4	59	8	10 50	heart	D feet
7	4	♀ greatest Elongat.	5	0	7	11 44	25	7 40
8	5	♄ Apo. (Ori. 45 <sup>3</sup> / <sub>4</sub> 4th)	5	1	7	A. 19	belly	8 13
9	6	Perhaps ♄ ♄	5	2	7	1 1	19	8 30
10	7	rain	5	3	7	1 45	reins	9 10
11	F	11th past Trinity.	5	4	7	2 29	13	9 38
12	2	♄ ♃ ♃ with	5	5	7	3 12	25	10 0
13	3	thunder,	5	7	7	3 47	secrets	10 2
14	4	then	5	8	7	4 42	20	11 10
15	5	fulry bot.	5	9	7	5 34	high	11 52
16	6	♄ ♃ 7 27	5	11	7	6 27	16	Morn
17	7	♄ ♃ 8. 20	5	12	7	7 20	30	0 36
18	F	12th past Trin. ♃ ♃	5	13	7	8 22	knees	1 24
19	2	Strong winds. Thunde	5	15	7	9 24	29	2 24
20	3	☉ in ♄'s Apoge.	5	16	7	10 24	legs	3 20
21	4	☉ eclipsed. ♄ Perige	5	17	7	11 32	29	☉ rise
22	5	☉ enter: ♀ High tide	5	18	7	M.	feet	7 33
23	6	Cloud,	5	19	7	0 30	30	8 4
24	7	dull	5	20	7	1 15	head	8 44
25	F	13th past Trinity.	5	22	7	2 22	30	9 18
26	2	♄ ♃ ☉ ♃ retrograde	5	23	7	3 11	neck	10 2
27	3	weather.	5	24	7	4 7	27	10 44
28	4	Windy.	5	26	7	4 59	arms	11 17
29	5	St. John Baptist.	5	27	7	5 39	22	Morn.
30	6	Rain about this	5	28	7	6 28	breast	0 4
31	7	☉ & clock toge. time.	5	30	7	7 18	16	0 56

S E P T E M B E R hath 30 Days.

Not many are our Joys, when Life is new,  
 And yearly some are falling of the few;  
 But when we conquer Life's meridian Stage,  
 And downward tend into the Vale of Age,

New Moon 5th Day 5 Morning.  
 First Quarter 12th Day 2 $\frac{3}{4}$  Morning.  
 Full Moon 19th Day 7 Afternoon.  
 Last Quarter 26 h Day 5 $\frac{1}{4}$  Afternoon.

M	W	Aspects Weather &c.	R	☉	☽	F	Jea	☉'s pl	r	D.s.
1	1	14th past Trin. ☿ 6 $\frac{1}{2}$	5	31	7	8	6	28		1 48
2	2	Cool evenings and	5	32	7	9	4	heart		2 52
3	3	☉ 12 $\frac{1}{2}$ mornings.	5	33	7	9	41	22		3 38
4	4	Dog days end. ☉ Apo.	5	35	7	10	27	belly		4 38
5	5	☉ visi. eclips. Commen	5	36	7	11	10	16	☉	lets
6	6	(Providence. ☽ ☿	5	38	7	11	57	28		7 16
7	7	Comfortable weather.	5	39	7	A.	40	reins		7 45
8	F	15th past Trinity.	5	40	7	1	25	22		8 15
9	2	♁ 4 ☉	5	41	7	2	6	secrets		8 42
10	3	Pleasant weather.	5	43	7	2	52	16		9 17
11	4	Commenc. New Haven	5	44	7	3	44	29		9 57
12	5	♁ 6m h 13 $\frac{1}{2}$	5	45	7	4	14	things	10	28
13	6	♁ sets 8h. 6m.	5	47	7	5	28	26	11	24
14	7	♁ rises 8h. 26m.	5	48	7	6	26	knees	Morn.	
15	F	16th past Trinity.	5	49	7	7	29	23		0 16
16	2	Now look	5	50	7	8	25	legs		1 21
17	3	cut for	5	51	7	9	21	22		2 31
18	4	☽ a set. ☉ Perige.	5	53	7	10	16	feet		3 40
19	5	High tides. <i>thd</i>	5	55	7	11	29	22	☉	rise
20	6	rain.	5	56	7	M.		head		6 51
21	7	Windy.	5	58	7	0	21	24		7 17
22	F	17th past Trinity.	6	0	6	1	13	neck		8 0
23	2	(☉ enters ♋ 6 h ☉	6	1	6	2	7	22		8 40
24	3	Perhaps a frost	6	2	6	3	0	arms		9 24
25	4	or two about	6	4	6	3	52	18	10	13
26	5	this time.	6	5	6	4	46	30	11	4
27	6	It may rain about	6	6	6	5	58	breast	Morn.	
28	7	this time.	6	8	6	6	34	25		0 4
29	8	18th past Trin. St.	6	9	6	7	12	heart		0 47
30	2	(Michael.	6	10	6	7	57	19		1 43



OCTOBER hath 31 Days.

They drop apace; by Nature some decay,  
 And some the Blasts of Fortune sweep away:  
 'Till naked quite of Happiness, aloud  
 We call for Death, and shelter in a Shroud.

New Moon 4th Day 8½ Night.

First Quarter 12th Day 11 Forenoon.

Full Moon 19th Day 2¼ Morn.

Last Quarter 26th Day at Noon.

M	W	Aspects, Weather &c.	R.	☉	S.	F	re	D's pl	r.	D's
1	3	☉ 9♌ 86♊ ☉ 8	6	12	6	8	47	belly	2	45
2	4	☽ Apoge.	6	14	6	9	31	12	3	37
3	5	Hard frosts,	6	16	6	10	12	25	4	39
4	6	but	6	18	6	10	55	reins	D	lets
5	7	pleasant days.	6	19	6	11	29	19	6	28
6	F	19th past Trinity.	6	20	6	A.	22	secrets	6	51
7	2	♄ 4♌	6	21	6	1	10	14	7	26
8	3	Twilight shortest.	6	22	6	1	59	27	8	4
9	4	Blustering winds.	6	23	6	2	49	thighs	8	44
10	5	Gen. Court N. Have	6	24	6	3	45	22	9	35
11	6	Rain about these days-	6	25	6	4	43	knees	10	30
12	7	☽ so. 6. 36	6	26	6	5	36	20	11	25
13	F	20th p. Tri. ☽ so. 7. 32	6	27	6	6	32	legs	Morn	
14	2	☽ so. 8. 29	6	28	6	7	29	18	0	27
15	3	☽ so. 9. 20	5	30	6	8	20	feet	1	34
16	4	☉ 8 ☉ Perige.	6	32	6	9	20	17	2	38
17	5	A spell of	5	33	6	10	8	head	3	51
18	6	wet weather.	6	34	6	10	59	17	5	2
19	7	Full tides.	6	36	6	M.		neck	☉	rife
20	F	21st past Trin. ☽ 6	6	37	6	0	7	15	6	37
21	2	Variable	5	39	6	1	1	29	7	28
22	3	winds.	5	41	6	2	1	arms	8	22
23	4	☉ enters ♍	6	42	6	2	59	26	8	57
24	5	Perhaps more	6	44	6	3	36	breast	9	48
25	6	rain about	6	46	6	4	25	21	10	48
26	7	this	6	47	6	5	20	heart	11	41
27	F	22d past Trinity,	6	48	6	6	3	14	Morn	
28	2	time.	6	49	6	6	50	27	0	38
29	3	☉ 8	6	50	6	7	34	belly	1	33
30	4	☉ Apoge.	6	51	6	8	20	22	2	37
31	5		6	52	6	9	1	reins	3	33

N O V E M B E R hath 30 Days.

The hoary Fool, who many Days  
Has struggled with continual Sorrow,  
Renews his Hopes, and blindly lays  
The desp'rate Bet upon To-morrow.

New Moon 3d Day 2 Afternoon.  
First Quarter 10th Day 8 Night.  
Full Moon 17th Day 3 Afternoon.  
Last Quarter 25th Day 9½ Forenoon.

M	W	Aspects. Weather, &c.	R	☉	S.	F.	lea.	D's	spl.	r.	☉	s.
1	6	♄ 4 ♀	6	53	6	9	40	15		4	28	
2	7	☉ 11 ♀	6	54	6	10	30	27		5	27	
3	F	23d past Trinity.	6	55	6	11	19	secrets		D	sets	
4	2	♄ ½ ☉	6	56	6	A.	3	23		6	9	
5	3	♄ ¼ ●	6	57	6	0	52	thighs		6	57	
6	4	Cold	6	58	6	1	47	20		7	34	
7	5	increases.	7	0	5	2	42	knees		8	26	
8	6	Something	7	1	5	3	38	17		9	23	
9	7	dry.	7	2	5	4	33	30		10	22	
10	F	24th p. Tri. D so. 6 29.	7	3	5	5	29	legs		11	26	
11	2	● 8 ● 10. 7. 25.	7	4	5	6	25	28		Morn.		
12	3	● Perige. ● so. 8. 12.	7	5	5	7	12	feet		0	38	
13	4	♄ 9 ♀ ● so. 9. 8.	7	6	5	8	8	27		1	40	
14	5	Now pre-	7	7	5	8	59	head		2	54	
15	6	♄ ½ ● pare	7	8	5	9	52	26		4	2	
16	7	yourselfes	7	9	5	10	49	neck		5	5	
17	F	25th past Trinity. for	7	10	5	11	43	23		●	rise	
18	2	winter.	7	11	5	M.		arms		6	0	
19	3	Windy and	7	12	5	0	36	21		6	49	
20	4	cold.	7	13	5	1	28	breast		7	42	
21	5	☉ enters ♀	7	14	5	2	19	17		8	34	
22	6	Strong	7	15	5	3	7	29		9	31	
23	7	winds.	7	16	5	3	54	heart		10	25	
24	F	26th past Trinity.	7	17	5	4	39	24		11	22	
25	2	Hazy weather.	7	18	5	5	24	belly		Morn.		
26	3	● Apoge.	7	18	5	6	10	18		0	26	
27	4	Flights of snow	7	19	5	6	48	29		1	26	
28	5	about	7	20	5	7	35	reins		2	20	
29	6	this time.	7	21	5	8	15	23		3	12	
30	7	St. Andrew.	7	22	5	8	59	secrets		4	8	

D E C E M B E R hath 31 Days.

To-morrow comes, 'tis Noon, 'tis Night;  
 This Day like all the former flies;  
 Yet on he runs to seek Delight  
 To-morrow, till to-night he dies.

New Moon 3d Day 5 $\frac{3}{4}$  Morning.  
 First Quarter 10th Day 11 $\frac{1}{2}$  Forenoon.  
 Full Moon 17th Day 7 $\frac{1}{2}$  Morning.  
 Last Quarter 25th Day 4 $\frac{1}{2}$  Morning.

M	W	Aspects, Weather, &c	R	☉	☽	☿	♁	♂	's	pl.	r.	☉	☽
1	F	Advent Sund. ☿ 1 ♀	7	23	5	9	46	19			5	15	
2	2	☉ 11 ♀	7	24	5	10	36	thighs			6	13	
3	3	♃ 13 ♀ ☽ 24 ●	7	24	5	11	27	15					Disets
4	4	♁ 24 ☉	7	25	5	A.	19	29			6	9	
5	5	Fair, but	7	25	5	1	18	knees			7	9	
6	6	excessive	7	26	5	2	19	27			8	16	
7	7	cold.	7	26	5	3	11	legs			9	18	
8	F	2d in Advent.	7	27	5	4	10	24			10	17	
9	2	● Perige.	7	27	5	5	11	feet			11	47	
10	3	● so. 6. 57.	7	28	5	5	57	24					Morn.
11	4	● so. 7. 39.	7	28	5	6	39	head			0	53	
12	5	♃ 10 ☽ ● so. 8. 29.	7	28	5	7	29	22			1	45	
13	6	♁ 2 ♀ ● so. 9. 11.	7	29	5	8	11	neck			2	53	
14	7		7	29	5	9	11	19			3	53	
15	F	3d in Advent.	7	29	5	9	40	28			5	7	
16	2	♁ so. 9h.	7	29	5	10	30	arms			5	43	
17	3	Driving	7	29	5	11	46	29					● rise
18	4	snow storm,	7	29	5	M.		breast			6	11	
19	5	which ends in	7	29	5	0	39	25			7	2	
20	6	bitter cold weather.	7	29	5	1	25	heart			7	54	
21	7	☉ enters ♃	7	29	5	2	12	19			8	48	
22	F	4th in Advent.	7	29	5	2	54	belly			9	44	
23	2	(● Apoge.	7	29	5	3	39	13			10	38	
24	3	☉ & clock together.	7	29	5	4	19	25			11	36	
25	4	Christmas.	7	29	5	5	3	reins					Morn.
26	5	Expect more	7	29	5	5	42	19			0	35	
27	6	St. John Evangelist.	7	29	5	6	27	secrets			1	42	
28	7	snow or rain.	7	29	5	7	14	14			2	26	
29	F	1st past Christmas.	7	29	5	8	2	27			3	25	
30	2	⊕ Perihelion	7	28	5	8	48	thighs			4	44	
31	3	Sneering cold.	7	28	5	9	44	24			5	47	



Names and Characters of the Twelve Signs of the Zodiac,  
or the Moon's Dominion over Man's Body.

♈ Aries.



Names and Characters of the Planets.

☉ Sol, or Sun. ☾ or ☽ Luna, or Moon. ♄ Saturn.  
♃ Jupiter. ♀ Mars. ⊕ Tellus, or the Earth. ♀ Ve-  
nus. ☿ Mercury.

The five Aspects.

♌ Conjunction. ♈ Opposition. Δ Trine. □ Quar-  
tile. \* Sextile.

*Difference of High-Water at several Places from New-Haven.*

**I**N each monthly Page the fifth Column shews the Time  
of High-Water at New-Haven. If from the Time at  
New-Haven you subtract 2 Hours and 53 Minutes, you  
will have the Time of High-Water at New-York, New-  
London, Elizabeth-Town Point, and Tarpaulin-Cove.  
Subtract 30 Minutes and you have it at Boston. Add 2  
Hours and 30 Minutes and it gives you the Time of High  
Water at Philadelphia. Add 3 Quarters of an Hour and  
you have the Time of High-Water at Rhode-Island and  
the main Ocean.

The following Astronomical Problems, with their respective rules of solution, are offered to the perusal of the Astronomical reader.

**Problem I.** THE distance of two planets from the Sun and the periodical time of the nearer planet being given: To find the periodical time of the other.

*Rule.*—Divide the greater distance by the less; then extract the square root of the quotient; which root multiply into the same quotient: This will produce a *third number*; which third number multiplied into the given periodical time, will give the periodical time required.

*Example.*—The distance of our earth from the Sun is 79000000 miles nearly; the periodical time of its revolution 12 months: The distance of the planet Saturn from the Sun is 914000000 miles nearly: What is the period of this revolution?

*Operation.* The quotient of his distance divided by that of the earth is 9, 5926, the square root of which is 3, 0972. which multiplied into said quotient, produces 29, 7003 for said third number required: Which shews how often the earth's period is contained in that of Saturn; Hence this third number being multiplied into 12, the number of months in the earth's periodical time, produces 356, 4036 months or 29 years and 255 days for Saturn's periodical time. N.B. If the greater distance, instead of the smaller, be given and the smaller sought; instead of *multiplying* as above, you are to *divide* the given periodical time, by said third number, to obtain the periodical time required.

By this rule, may readily be found the period of a *Meteor*, or terrestrial comet in its revolution round the earth in a true circle, at or near the earth's surface; making the distance and periodical time of the moon in her orbit the standards of computation. Thus, admitting the distance of the moon to be equal to 60 semidiameters of the earth and her periodical time 27 days 8 hours, we should find that such a meteor would take up just 84 minutes and 45 seconds in its revolution round the earth; which is at the rate of 5 miles wanting 27 rods in one second of time.

**Problem II.** The periodical times of two planets being given, and the distance of the nearer planet only, to find, thereby, the distance of the other.

*Rule* —

*Rule.*—Divide the greater periodical time by the less; then extract the cube-root of the quotient: Which root, involved to the second power, will produce a *third number*; which third number being multiplied into the given distance, you will obtain the required distance.

*Example.*—The periodical time of Venus is 225 days; her distance from the Sun 70000000 miles; and the periodical time of Jupiter 4332 days: What is his distance from the Sun?

*Operation.* The period of Jupiter, divided by that of Venus, gives 19, 2080. The cube root of which is 2, 6783 nearly, which root involved to the second power gives 7, 1732 for a third number, which shews how often the distance of Venus is contained in that of Jupiter; therefore it being multiplied into the given distance of Venus, gives 502000000 for the distance, in miles, of Jupiter from the Sun. N.B. When the required is less than the given distance, you will, instead of *multiplying*, *divide* the given distance, by said third number, to obtain the required.

The above rules, though grounded on the same principle, with those commonly made use of by Astronomers, will, by practice, appear more easy in stating, simple and familiar, and altogether similar as to precision and infallibility. N.B. *In the Operation of the above Examples, the greatest precision was not intended.*

*Excellent Maxims and Reflections, extracted from Dr. Fortin.*

Great abilities and a fawning temper seldom meet together, and they who deserve favors, are not made to beg favors.

An absolute prince never loves any but absolute scoundrels.

Flatterers are as mean and sordid, as they are mischievous and odious. To them might be applied the Levitical law: "Every creeping thing is unclean, and shall be an abomination."

You must give the wall to a king, and to a blind man.

By examining the tongue of the patient, physicians find out the diseases of the body, and philosophers the diseases of the mind.

A king can make an honorable and right honorable; but he cannot make a man of honor.



*The Terms and Places of the Sessions of the County Courts in  
the State of Connecticut.*

Hartford, FIRST Tuesday in April and November.  
New-Haven, third Tuesday in March and 4th in Nov.  
New-London, second Tuesday in June.  
Norwich, fourth Tuesday in November.  
Fairfield, third Tuesday in April.  
Danbury, third Tuesday in November.  
Windham, third Tuesday in August and second in Dec.  
Litchfield, fourth Tuesday in March and third in Sept.  
Middletown, second Tuesday in November.  
Haddam fourth Tuesday in April.  
Tolland, second Tuesday in February.

*Of the Superior Courts in Connecticut.*

PRIMARY CIRCUIT.

Middletown, last Tuesday save one in July.  
New-Haven, last Tuesday in July.  
Danbury, second Tuesday in August.  
Litchfield, third Tuesday in August.  
Hartford, first Tuesday in September.  
Windham, third Tuesday in Sept.  
New-London, fourth Tuesday in September.

SECONDARY CIRCUIT.

Haddam, last Tuesday in December.  
New-Haven, first Tuesday in January.  
Fairfield, third Tuesday in January.  
Litchfield, last Tuesday in January.  
Hartford, second Tuesday in February.  
Tolland, fourth Tuesday in February.  
Windham, first Tuesday in March.  
Norwich, third Tuesday in March.

*Supreme Court of Errors.*

At Hartford, on the Tuesday of the week next preceding the second Thursday in May.

At New-Haven, on the Tuesday of the week next preceding the second Thursday in October.

*Courts of the United States.*

SESSIONS of the Supreme National Court, at the Seat of Government, on the first Mondays in February and August.

Inscription in a Church at Bristol, England.

*This neat House of God,  
which was upon the point of falling,  
was repaired and beautified  
by the Addition of four new Pillars  
in the Year of our Lord 1731.*

*May it receive a firmer Support  
from Prayer, true Religion,  
and Purity of Manners;  
and be still more gloriously adorn'd  
by frequent Assemblies of good  
Christians.*

Qualifications necessary for a Teacher of  
Children.

**H**E must have studied children long, who is capable of teaching them well; every good scholar is not a good master; he must be a man of invincible patience, and singular observation; diligent and sober; nor too familiar, nor reserved; neither amorous, nor fantastic; just, without fierceness; and merciful, without fondness: He must commend, without flattery; chide, without contumely; and correct without passion: be cheerful without levity; affable, without fawning; grave, without moroseness; merry, without folly: He should be patient, humble, and meek, to pass by, dissemble, and bear with many impertinencies, dulnesses, & forgetfulnesses. Besides these qualifications, he should have experience of foreign parts, understand learning and sciences, be well born, of good presence and address, and wear his cloths handsomely, which will procure him respect from his charge, and facilitate the performance of his duty.

*Directions for Nursing Children.*

**I**NFANTS should be kept clean, and their clothing ought to be loose and cool; but not so cool as to make them take cold. It was formerly the practice in America to wrap a flannel swathe, that was nearly two yards in length, tight round the waist of every new-born infant, to make it grow straight. This pernicious practice has undoubtedly been the cause of the death of thousands; for it obstructed the circulation of the fluids, hindered digestion

generated cruelties, and produced convulsions.—It was also the practice to keep three or four caps on their heads and to squeeze their heads together, when, according to the vulgar expression, they appeared to be open. But this practice was also very hurtful; for it often injured the brain, and impaired the senses.—The head of the child, as well as the body, ought to be loosely clothed, and its formation left to the action of the *dura mater*; for the open or soft parts will naturally grow hard, without any manual operations.

From an infant's birth, till its mother's milk can be obtain'd, no other diet will be requisite but milk and water, which may be given luke-warm; some add a little sugar to the composition. Warm milk, however, just taken from an animal, is the best.

If the child is to be nursed without the breast, equal parts of milk and water will be sufficient at first; and as strength increases, a more solid diet will be required.

The milk of the mother may be injured by diseases, rights, weak nerves, anxiety of the mind, &c. any of which injure its quality, diminish its quantity, or cause it to be wholly dried up. In such cases it is proper to wean the child; but if it will not feed with a spoon, or if it is disordered in its stomach and bowels, it may be proper to seek for another nurse, taking care to procure one that is healthy. She ought to see that the child is not infected with any dangerous complaint; because it may be communicated to her by suckling the infant:—or a disease may be communicated from her to the infant, if she has any disagreeable infection, not only by her milk, but by spoon food, many having the nasty practice of first putting the spoon into their own mouth, and then into the child's.

Healthy women, who accustom themselves to exercise bring forth children more robust than those that are delicate. A child ought to be put to the breast within 10 or 12 hours after it is born; this will excite the milk to flow sooner than could be expected, and tend to prevent a fever.

It is said; tho' perhaps by Way of Joke, that the vulgar Dutch address their Sweethearts in these Words: *My lieve Cabalaaw*, that is *My dear Codfish*, when they would express exceeding Fondness and Passion.



## ADVICE TO YOUNG LADIES.

**T**HE language of *adulation*, especially if *delicate*, is pleasing to most persons. Listen not, however, with eager attention, to the compliments paid you by the other sex: nor believe, because they may utter a few tender expressions, that they are enamoured with you. Remember, that some gentlemen think it a duty they owe to ladies, to be very complaisant to them; but that the very same compliments they pay to one lady, will, with equal ardor, the next moment, be conferred by them on another.

Avoid *affectation*; it indicates a want of sense. Affectation is also disagreeable; it will expose you to ridicule, and may obscure the good qualities you possess.

While you shall hold virtue in the highest esteem, suffer not yourselves to be charged with *prudery*. It may cause your virtue to be suspected, and is often a cloak for a depraved heart.

Blush not to be *thought religious*; nothing can so dignify and bless human nature as religion. But while you strive to be *strictly religious*, you will discard all the parade and ostentation of *hypocrisy*.

Be not hasty to propagate a report *unfavourable* to any of your sex. It is an evidence of a *bad heart*, to publish, with pleasure, the foibles or vices of others. Such conduct must be very unbecoming in *young ladies*, for reasons too obvious to mention; and they should always remember, that the vices of others, add not to their virtues.

If a present is *conferred* by you, on a gentleman, it should be done with *great prudence*; and it should be observed, that *equal prudence*, is required by you, in *receiving* a present from one not of your sex.

It should be considered, that beauty is *no sign of merit*; and that an handsome person may be rendered disagreeable by *pride*.

It will add to your *reputation*, never to be guilty of *detraction*, but to shew a *regard* for the *honor* of others; and to *your peace*, never to indulge the passion of *envy*.

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### Extracts from "A VISIT to the civilized Parts of the RUSSIAN EMPIRE.

**A** Very singular circumstance, which happened some years since, contributed greatly to shorten the talons of the Russian clergy, whose power was then intolerable. A young man, whom the czar had sent to Leyden for his education, having finished his studies in physic, returned a graduated physician, and at a merry-meeting with his friends, they questioned him concerning his religion. He being then in his cups, told them, he was as much of the Greek church as ever, but that he had lost all his faith in saints pictures; and, to prove what he said, he took one down from the wall, and threw it into the fire. Upon this he was immediately seized and put into the hands of the clergy, who very soon sentenced him to the flames, and burnt him in the most cruel manner, laying the fire at some distance from him to keep him the longer in torment.

The czar, being informed of this cruelty of the clergy, took this opportunity to deprive them of the power of life and death, and made a law, that all the clergy should apply themselves to study, allowing them five years for that purpose.

After that time, they were to undergo an exanation, and those who were found capable to perform their functions were to be promoted, the others to be discarded.

While I was at Moscow, I saw three women buried alive for drowning their husbands. They had, it seems, crossed the Mosco in a boat, all three together in search of their husbands, whom they found all drunk in a public house; and, endeavouring to persuade them to go home, were severely beat by them. However, by the assistance of some other people, they got them at last into the boat, where they fell asleep. The wives, to be revenged on their husbands for beating them, when the boat had reached the middle of the river, threw them one after another into the water, and there left them to be drowned, when they came on shore very unconcerned. The matter immediately came to light; they were seized, tried, condemned, and ordered to be put alive into the ground up to their necks, there to remain till they died. Two of them lived ten, and the other 11 days; they spoke the first three days, complaining of great pain; but after that time they complained no more. They certainly received some sustenance in the night time, or they could not have existed so long. The oldest of these unhappy women was not twenty years of age.

The laws here are much more severe against the women than against the men; for if a man kill his wife, under correction, as it is called, he is only whipt with the knout.

They have a very ridiculous custom at their funerals. Just before the coffin is shut up, the father confessor of the deceased puts a testimonial, or pass, for the other world, in writing, between the fingers of the corpse, in these words: "We N. N. do certify by these presents, that the bearer hereof hath always behaved himself, and lived among us, as became a good Christian, professing the Greek religion; and although he may have committed some sins, he hath confessed the same, whereupon he hath received absolution, and taken the communion for the remission of his sins. That he hath honoured God and his saints; that he hath not neglected his prayers, and hath fasted on the days and hours appointed by the church; that he hath always behaved towards me, who am his confessor, in such a manner that I have no reason to complain of him; or to deny him the absolution of his sins. In witness whereof we have given him these testimonials, to the end that St. Peter, upon sight of them, may not deny him, the opening of the gate to eternal bliss."

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**A** Beggar asked lord Chesterfield for charity, he gave him, thro' absence of mind or mistake, for a less valuable piece, a guinea. The poor fellow, on perceiving it, hobbled after him, and told him of it; upon which his lordship returned it to him, with another guinea, as a reward for his honesty, exclaiming, My God! what a lodging Virtue has taken up in thee!

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**A** Rich proud miser, having a mind to perpetuate his memory, ordered his statue to be carved in marble. When it was brought home, he asked a gentleman if it was like him?---Yes, said he, very like---body and soul.