BANNEKER.


MARYLAND HISTORICAL SOCIETY
1845.

Jacob Hunter [illegible] 1 . 10 . 3

Cast bin [illegible]

1790 ~~December the 18th~~ ~~[illegible]~~ ~~Benjamin~~ ~~H~~ informed me that ~~the Said [illegible]~~ ~~Charles Newby Stole my horse and Great Coat and that the Said [illegible]~~ ~~[illegible] to Murder me when opportunity permitted. [illegible]~~ and further gave me Caution to let no person in my house after Dark.

1790. December the 23d. about 3 O'Clock A.M. I heard a sound and felt the Shock like unto heavy thunder, I went out but could not observe any Cloud above the Horizon, I therefore Conclude it must be a great Earth Quake in some part of the Globe

When the Moon Changes in her Descending Node at the time of an Eclipse

In Calculating the Moons place, we must observe to add 2°.44 to the
Longitude ~~given~~ that is gaven by the Table, to Compensate for the
in the Meredians, as the Tables was Calculated to the Meredian of

To find the Moons Rising

We must Subtract the Suns Right Ascension, from the Moons Oblique
then Enter the Table Shewing the time of the planets Setting when they have
Declination, and their rising when they South Declination - Enter this Table
the Moons Declination at the head and your Latitude in the Side Colemn and
Common Angle is the Howrs and minutes thats is to be added to the defference
Suns and Moons Ascension if be less than Six Howrs, but Subtracted if more
the ~~Sum~~ Sum or Defference is the time of rising - practical Navigator

The Moons Setting may be obtained by adding half the Lunar day to her Southing, when
Declination, and by Subtracting when the Declination is North

Astronomy Explaind on Sr. Isaac Newtons principles
Stands in the Same line with Easter Sun
must Serve for the given year

[illegible] calculating the Moons place, we must observe to add 2..44 to the Longitude ~~given~~ that is given by the Table, to Compensate for the [illegible] in the Meridians, as the Tables was Calculated to the Meridian of [illegible]

To find the Moons Rising

We must Subtract the Suns Right Ascension, from the Moons Oblique A[illegible] then Enter the Table Showing the time of the planets Setting when they have [illegible] Declination, and their rising when they South Declination. Enter this Table [illegible] the Moons Declination at the head and your Latitude in the Side Column an[illegible] Common Angle is the Hours and minutes that is to be added to the difference [illegible] Sun and Moons Ascension if it be less than Six Hours but Subtracted if m[illegible] the ~~Suns~~ Sum or Difference is the time of rising – practical Navigator

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The Moons Setting may be obtained by adding that the Same day to her Southern [illegible] Declination, and by Subtracting when the Declination is North

[illegible] Astronomy Explained [illegible] Stands for the Same time with [illegible] must Serve for the given year

Reduced to the New Stile

	Suns Longitude	Suns Anomally	Moons Longit	Moons Anomal	Moons Node
1791	S ° ′ ″ 9..10..5..0 12	S ° ′ ″ 6..0..46..0	S ° ′ ″ 7..14..51..39	6..5..32..24	6..27..13..49
	Mercury' Longit	Mercury Anns	Mercury Node	– – – –	NB 12 must be added to the Suns mean Longitude on act. of Defference of Meridian –
1791	S ° ′ ″ 11..6..29..38	S ° ′ ″ 2..22..26..28	S ° ′ ″ 1..16..3..10		
	Venus' Longit	Venus Anno.	Venus Node	– – – –	
1791	S ° ′ ″ 9..8..48..21	S ° ′ ″ 11..0..51..11	2..14..44..54	– – – –	
	Mars's Longit	Mars's Anno	Mars's Node	Moons Longitude and Anomally for 11 Days	
1791	S ° ′ ″ 10..9..56..43	S ° ′ ″ 5..7..37..15	S ° ′ ″ 1..18..22..20	Longitude	Annomally
	Jupiters Longit	Jupiters Anno	Jupiters Node	S ° ′ 4..24..56	S ° 4..23..43
	S ° ′ ″ 5..19..1..15	S ° ′ ″ 11..7..38..15	S ° ′ ″ 3..8..50..0	NB 2..45 must be added to the Moons Longitude ~~because~~ because her orbit motion is that much between the Meridian of Greenwich and that Baltimore	
1791	Mercury Aphelial Anomally 9..22..26				
1791	Mercury perihelial Anomally 3..22..34				
1791	Venus's Aphelial Annomally 0..29..9				
	Venus's Perihelial Annomally 6..29..9				
1791	Mars's Aphelial Anomally 6..22..23				
	Mars's Perihelial Annomally 0..22..23				
1791	Jupiters Aphelial Anomally 0..22..22				
	Jypiters Perihelial Annomally 6..22..22				
	Saturns Aphelial Annomally 8..18..41				
	Saturns Perihelial Annomally 2..18..41				

To find the Mean Changes of the Moon, See practical Navigator, page 150,

In Leap Year, the Longitude of the Moon for the given Year Serves for the first day of the new year, for instance 1792 is Leap year

	S	°	
the Moons Longitude	0	7	29
Apogee	2	20	2
Anomally	9	17	27
Equation		5	53
Defference of Longit	0	13	22
		2	45
Long first day of New yr	0	16	7

B

To gain the Moons First Quarter, first find the place of each Luminary the day before the aspect, then Subtract the Suns place from that of the Moon and the Residue is the distance of the Moon from the Sun, and if it is less than the 90 degrees, take what it wants of 90 degree and apply it to the Table of Lunar Aspects; and take out the Hours and Minutes, which added to the Noon of the day, gives the time of the Moons first Quarter. But if the distance of the Moon from the Sun be above 90 degrees, take the Surplus and apply it to the Table of Lunar Aspects, and take out the Hours and Minute which Subtracted from the noon of the day will also leave the time of the Moons First Quarter.

But to find the last Quarter of the Moon, if the distance of the Moon from the Sun be above 90 degrees, then apply the Surplus to the Table of Lunar Aspects with the Surplus or distance above 90 degrees to the left hand and the Diurnal Motion at the head of the Table and take out the Hours and Minutes from the Table which added to the Noon of the day, gives the time of the last Quarter.

But if the distance of the Moon from the Sun, be less than 90 degrees, then take what it wants of 90 degrees and apply it to the aforesaid Table and take out the Hours and Minutes, which Subtracted from the Noon of the day will leave the time of the last Quarter, you must observe to Subtract the Moons place from that of the Sun to find their distance at the last Quarter.

To obtain the Southing of a Star or planet, find the true Longitude of the Sun and also of the Star or planet, then with their Longitudes enter the Table of Right Ascension and take out their Right Ascensions and Subtract that of the Sun from that of the Star or planets, the residue is the time of their Southing near enough for Common practice

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To find the Geocentric Latitude of a planet, we must Say as Sine Commutation is to Sine Elongation, So is Tangent Inclination to Geocentric Lat. of the Planet. But at the true time of Conjunction there is neither Commutation nor Elongation But we must with the Argument of Latitude take out of the proper Table, the Planets Inclination or Heliocentric Latitude which answers the purpose of the Geocentric in Such cases

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1791 September the 27th day there will be an Eclips of the Sun, invisible in one Hemisphere, But may be observed 6h 43m west Longitude from the Meridian of Baltimore

Beginning of the Eclips	5h 55m	PM	Apparent time
Greatest obscuration	7 23		
End of the Eclips	8 43		

Digits Eclipsed 6 on the South Suns Limb, Sun from ☊ 11° 21° 38', Suns Declination 1° 41' South

1792 Suns Long. according Lead Better	1792 Logarithm of Suns distance from the Earth	1792 Suns Long. According to Leadbetter	1792 Logar of Suns distance from the earth
January		July	
S ° '		S ° '	
9 11 26	4.992757	D 1 3 10 1	5.007134
9 17 34	4.992966	7 3 15 45	5.006943
9 23 40	4.993255	13 3 21 29	5.006681
9 29 48	4.993620	19 3 27 15	5.006408
10 5 51	4.994058	25 4 2 59	5.006018
February 1792 —		D August 1792	

1792 January 1st day Saturn
h Occidental
h Oriental April 10th day
h Occidental October 21 day

1792 January 1st day Jupiter Orient
April 16th day Jupiter Occident
November 3d day Jupiter Orient

1792 January 1st day Mars Orient
March 15th day Mars Occident

1792 January 1st ☿ Oriental
August 5th ☿ Occidental and commences Evening Star

1	A	1st Sunday past Epiphany			7 18	4 42	2 28	41	18 6	11 3	13
2		Bulls Eye S. 8. 56	frosts		7 17	4 43	3 10	32	☌	11 49	14
3					7 17	4 43	3 22	30	rises	12 38	15
4		Days 9 30	now		7 16	4 44	4 4	34	6 32	13 27	16
5					7 15	4 45	4 16	51	7 28	14 9	17
6		Sirius S. 10 50	grows		7 15	4 45	4 29	21	8 23	14 54	18
7					7 14	4 46	5 12	8	9 25	15 42	19
8	A	2nd Sunday past Epiphany			7 13	4 47	5 25	15	10 26	16 29	20
9			more moderate		7 13	4 47	6 8	39	11 33	17 20	21
10					7 12	4 48	6 22	25	12 38	18 12	22
11		☌ ☉ ☿ Oriental			7 11	4 49	7 6	30	13 49	19 8	23
12			clouds		7 10	4 50	7 20	50	14 55	20 7	24
13		□ ☉ ♃			7 10	4 50	8 5	23	16 4	21 4	25
14		☉ enters ♒			7 9	4 51	8 20	4	17 8	22 5	26
15	A	3d Sunday past Epiphany	with		7 8	4 52	9 4	45	18 9	23 6	27
16		Arcturus rise 10 26	wind		7 7	4 53	9 19	24	☌	☌	28
17					7 6	4 54	10 3	55	Sets	0 3	D
18		Conversion St. paul	now capers		7 5	4 55	10 18	10	6 12	0 52	1
19		Days 9 54			7 4	4 56	11 2	10	7 19	1 46	2
20			snow		7 3	4 57	11 15	51	8 22	2 35	3
21					7 2	4 58	11 29	7	9 23	3 24	4
22	A	4th Sunday past Epiphany	or		7 1	4 59	0 12	8	10 27	4 10	5
23			cold		7 0	5 0	0 24	49	11 23	4 56	6
24		Day increase 48 m.	rain		6 59	5 1	1 7	15	12 22	5 44	7
					6 58	5 2	1 19	28	13 20	6 32	8

If the New year begins on Sunday, the Dominical is A
If on Monday G
If on Tueday F
If on Wednesday E
If on Thursday D
If on Fryday C
If on Saturday B

[illegible] see Ferguson Astron[illegible] Chap 21 and page 38

Common Notes and Movable Feasts for the year

Dominical Letter	G	Easter Sunday	April 8
Cycle of the Sun	9	Ascension Day	May 17
Golden Number	7	Whitsunday	May 27
Epact	6	Trinity Sunday	June 3
Number of Direction	18	Advent Sunday	December 2

It is to be observed that the Moon and the five primary planets [have] the Same Declination as the Sun has, when in the Same Sign and that the Moon or planet is in at the given time
~~the time of the Moon~~ that of the Sun to find their distance at the last Quarter

To obtain the Southing of a Star or planet, find the true Longitude of [the] Sun and also of the Star or planet, then with their Longitudes enter the Table [of] Right Ascension and take out their Right Ascensions and subtract that of the S[un] from that of the Sar or planets, the residue is the time of their Southing [near] enough for Common practice

To find the Geocentric Latitude of a planet, we must Say as Sine Commutation is to Sine of elongation, So is Tangent Inclination ~~to~~ Geocentric Lat. of the [planet]
But at the true time of Conjunction there is neither Commutation nor Elong[ation]
But we must with ~~take~~ the Argument of Latitude take out of the proper Table, the [Inclination] Inclination or Heliocentric Latitude which answers the purpose of the Geocentric in Such cases

1792

January. First Month hath 31 Days.

☽	D	H	M	
First Q.	1	5	23	Morn
Full ○	9	4	25	Morn
Last Q.	16	6	43	Aft
New ☽	23	0	53	Aft
First Q.	30	6	34	Aft

☊ { 1, 11, 21 } ♎ { 8, 7, 7 } Deg.

Planets Places

D	☉	♄	♃	♂	♀	☿	☽'s Lat
	♑	♈	♎	♍	♏	♒	
1	11	11	29	28	23	0	1 S
7	18	11	♏ 0	♎ 0	29	5	5 S
13	24	12	1	3	♐ 6	4	2 S
19	♒ 0	12	1	3	13	♑ 27	4 N
25	6	13	1	4	20	22	3 N

M D	W D	Remarkable Days Aspects weather &c		☉ rise	☉ Set	☽ Long.	☽ Sets	☽ South	☽ Age
1	A	Circumcision □☉♄	Clear	7..20	4..40	0..16..8	0..35 Morn	6..25	7
2	2	Days 9.20	(☿ great Elong.	7..20	4..40	0..28..39	13..41	7..10	8
3	3		and	7..20	4..40	1..10..57	14..36	7..55	9
4	4	Days increase 5 m.	Cold	7..19	4..41	1..23..1	15..34	8..42	10
5	5			7..19	4..41	2..5..0	16..29	9..29	11
6	6	Epiphany	very	7..18	4..42	2..16..51	17..20	10..17	12
7	7	pleades S.th 8..16	hard	7..18	4..42	2..28..41	18..6	11..3	13
8	A	1st Sunday past Epiphany		7..17	4..43	3..10..32	☍	11..49	14
9	2	Bulls Eye So.8.56	frosts	7..17	4..43	3..22..30	rises	12..38	15
10	3			7..16	4..44	4..4..34	6..32	13..24	16
	4	Days 9..30	now	7..15	4..45	4..16..51	7..28	14..9	17
	5			7..15	4..45	4..29..21	8..23	14..54	18
	6	Sirius So.10..50	grows	7..14	4..46	5..12..8	9..25	15..42	19
	7			7..13	4..47	5..25..15	10..26	16..29	20
	A	2nd Sunday past Epiphany		7..13	4..47	6..8..39	11..33	17..20	21
	2		more moderate	7..12	4..48	6..22..25	12..38	18..12	22
	3			7..11	4..49	7..6..30	13..49	19..8	23
	4	☌☉☿ Oriental	Clouds	7..10	4..50	7..20..50	14..55	20..7	24
	5			7..10	4..50	8..5..23	16..4	21..4	25
	6	□☉♃	☉ enters ♒	7..9	4..51	8..20..4	17..8	22..5	26
	7		with	7..8	4..52	9..4..45	18..9	23..6	27
	A	3d Sunday past Epiphany	wind	7..7	4..53	9..19..24	☌	☌	28
	2	Arcturus rise 10..26		7..6	4..54	10..3..55	Sets	0..3	☽
	3								
	4	Conversion St. paul	now expect	7..5	4..55	10..18..10	6..12	0..52	1
	5	Days 9..54		7..4	4..56	11..2..10	7..19	1..46	2
	6		Snow	7..3	4..57	11..15..51	8..22	2..35	3
	7			7..2	4..58	11..29..7	9..23	3..24	4
	A	4th Sunday past Epiphany	or	7..1	4..59	0..12..8	10..27	4..10	5
	2			7..0	5..0	0..24..49	11..23	4..56	6
	3	Day increase 48 m.	Cold	6..59	5..1	1..7..15	12..22	5..44	7
			rain	6..58	5..2	1..19..28	13..20	6..32	8

March 1792 True time of New Moon — D H M 22..1..4

	° '
Semidiameter of the Earths Disc	58
Suns Distance from the nearest Solstice viz. ♋	87..12
Suns Declination North	1
Moons Latitude North Descending	1
Moons Horary Motion	29..55
Angle of the Moons visible path with the Ecliptic	5..3[illegible]
Suns Semidiameter	
Moons Semidiameter	1[illegible]
Semidiameter of the penumbra	

Question by Hopkins

When fleecy Skies had Cloth'd the ground
With a white mantle all around
Then with a grey hound Snowy fair
In milk white fields we Cours'd a Hare
Just in the midst of a Champaign
We Set her up, away She ran,
The Hound I think was from her then
Just thirty leaps or three times ten
Oh it was pleasant for ~~me~~ to See
How the Hare did run So timorously
But yet so very Swift that I
Did think She did not run but fly
Whe the Dog was almost at her heels
She ~~made~~ quickly turn'd, and down the fields
She ran again with full Carear
And 'gain she turn'd to the place she were
At every turn the gain'd of ground
As many yards as the greyhound
Could leap at thrice, and She did make,
Just Six, if I do not mistake
Four times She leap'd for the Dogs three
But two of the Dogs leaps did agree
With three of hers, now pray declare
How many leaps he took to Catch the Hare

Answer

Just Seventy two I did Suppose
An answer false from thence arose
I Doubled the Sum of Seventy two
But still I found that would not
I mix'd the Numbers of them both
Which Shew'd so plain that I'll
Eight hundred leaps the Dog did make
And Sixty four, the Hare to take

```
4 : 72 :: 48
     48
    576
   288
 4)3456
   86.4 ans.
```


February Second Month hath 29 Days

	D H M	
Full ☉	7..10..31	Aft
Last ☾	15..4..26	Morn
New ☽	22..0..34	Morn
First ☽	29..2..3	Aft

☊ {1, 11, 21} ♎ {6, 6, 5} Deg.

Planets Places

D	☉	♄	♃	♂	♀	☿	☽'s Lat
	♒	♈	♏	♎	♐	♑	
1	13	13	2	4	28	19	4 S
7	19	14	2	4	♑ 5	24	4 S
13	25	14	2	4	12	29	2 N
19	♓ 1	15	2	3	19	♒ 7	5 N
25	7	16	2	1	26	14	1 S

W D	Remarkable Days Aspects weather &c.		☉ rise	☉ Set	☽ Long.	☽ Sets	☽ South	☽ Age
					S ° '			
4	✱ ☉ ♄	now	6..57	5..3	2..1..28	14..13	7..17	9
5	purification V.M	grows	6..56	5..4	2..13..24	15..11	8..4	10
6	Arturus rise 9..41		6..55	5..5	2..25..14	15..54	8..51	11
7		mild	6..54	5..6	3..7..3	16..41	9..38	12
A	Septuagesima		6..53	5..7	3..18..57	17..26	10..26	13
2	□ ♂ ♀	for the	6..52	5..8	4..0..57	☍	11..13	14
3	pleades Sets 1..33	Season	6..51	5..9	4..13..6	rises	11..59	15
4			6..50	5..10	4..25..27	6..11	12..45	16
5	Spica ♍ rises 10..16	but	6..49	5..11	5..8..6	7..7	13..31	17 r
6		soon	6..48	5..12	5..20..59	8..11	14..18	18 r
7	Sirius Sets 1..56		6..46	5..14	6..4..12	9..14	15..7	19 r
A		Changes	6..45	5..15	6..17..49	10..17	15..57	20 r
2	☿ great elong. 26..8		6..44	5..16	7..1..42	11..23	16..49	21 r
3	Valentine	to	6..43	5..17	7..15..54	12..31	17..43	22 r
4		Cold	6..42	5..18	8..0..20	13..12	18..46	23
5	Days increase 1..24		6..40	5..20	8..14..57	14..52	19..49	24
6		and	6..39	5..21	8..29..38	15..52	20..49	25
7	☉ enters ♓	windy	6..38	5..22	9..14..22	16..51	21..48	26
A	Quinquagesima		6..36	5..24	9..28..57	17..40	22..44	27
2		weather	6..35	5..25	10..13..21	18..24	23..39	28
3	Shrove Tuesday		6..34	5..26	10..27..31	☌	☌	29
4	Ash Wednesday		6..33	5..27	11..11..20	Sets	0..30	☽
5	Sirius South 8..9	rain	6..32	5..28	11..24..51	7..11	1..14	1
6		or Snow	6..31	5..29	0..8..2	8..13	2..3	2
7	♃ South 3..25		6..30	5..30	0..20..52	9..15	2..51	3
G	1st Sunday in Lent	now	6..28	5..32	1..3..28	10..12	3..38	4
2	pleades Sets 12..15	Clear	6..27	5..33	1..15..45	11..13	4..25	5
3		and	6..26	5..34	1..27..58	12..8	5..12	6
4	Days 11..12	Cold	6..24	5..36	2..9..51	13..0	6..0	7

Question by Elicott Geographer Genral

Divide 60 into four Such parts, that the first being increased by 4, the Sec
creased by 4, the third multiplyd by 4, and the fourth part divided by 4, that
the difference, the product, and the Qutient, Shall be one and the Same Num

Ans. first part 5.6 increased by 4 } is 9.6
Second part 13.6 decreased by 4 } is 9.6
third part 2.4 multiplyd by 4 } is 9.6
fourth part 38.4 divided by 4 } is 9.6
60.0

May the 4th: 1792. In a Squall from the N. W. I observed the Lower region Clouds to move Swiftly before the wind, and the upper region Slowly against

March Third Month hath 31 Days 1792

	D	H	M	
Full	○	8	1	59 Aft
Last	☌	15	2	2 Aft
New	☽	22	1	4 Aft
First	☌	30	7	31 Morn

♄ 1 5 / 11 ♎ 4 / 21 4 Deg.

Planets Places

D	☉	♄	♃	♂	♀	☿	☽
	♓	♈	♍	♍	♒	♒	Sat
1	12	16	1	29	2	22	5 S.
7	18	17	1	27	9	♓ 0	3 S.
13	24	18	0	26	16	10	4 N.
19	♈ 0	19	0	23	23	21	3 N.
25	6	19	♎ 29	21	♓ 0	♈ 3	3 S.

W D	Remarkable Days Aspects weather &c		☉ rise	☉ Sets	☽ Long	☽ Sets	☽ South	☽ age
5	St. David	flying	6 .. 24	5 .. 36	2 .. 21 .. 44	13 .. 51	6 .. 48	8
6	pegasi Algenib Sets 7 .. 57		6 .. 23	5 .. 37	3 .. 3 .. 35	14 .. 37	7 .. 34	9
7		Clouds	6 .. 22	5 .. 38	3 .. 15 .. 26	15 .. 23	8 .. 20	10
G	2nd Sunday in Lent	with	6 .. 21	5 .. 39	3 .. 27 .. 23	16 .. 4	9 .. 8	11
2	pegasi Markab South 1 .. 50		6 .. 19	5 .. 41	4 .. 9 .. 25	16 .. 43	9 .. 55	12
3		high	6 .. 17	5 .. 43	4 .. 21 .. 39	17 .. 15	10 .. 41	13
4	Days 11 .. 28		6 .. 16	5 .. 44	5 .. 4 .. 7	18 .. 8	11 .. 28	14
5	♃ South 2 .. 37	wind	6 .. 14	5 .. 46	5 .. 16 .. 49	7 rises	12 .. 15	15
6	Days increase 2 .. 18		6 .. 13	5 .. 47	5 .. 29 .. 56	7 .. 4	13 .. 4	16
7		some	6 .. 12	5 .. 48	6 .. 13 .. 18	8 .. 7	13 .. 54	17
G	3d. Sunday in Lent		6 .. 11	5 .. 49	6 .. 27 .. 0	9 .. 18	14 .. 47	18
2	Gregory	appearance	6 .. 9	5 .. 51	7 .. 11 .. 7	10 .. 23	15 .. 42	19
3	pleiades Sets 11 .. 24	of	6 .. 8	5 .. 52	7 .. 25 .. 21	11 .. 33	16 .. 41	20
4			6 .. 7	5 .. 53	7 .. 9 .. 55	12 .. 40	17 .. 40	21
5	☌ ☉ ♂ Decident.	Snow	6 .. 6	5 .. 54	8 .. 24 .. 35	13 .. 42	18 .. 39	22
6		or	6 .. 4	5 .. 56	9 .. 9 .. 17	14 .. 42	19 .. 38	23
7			6 .. 3	5 .. 57	9 .. 23 .. 56	15 .. 33	20 .. 37	24
G	4th. Sunday in Lent	Cold	6 .. 2	5 .. 58	10 .. 8 .. 28	16 .. 22	21 .. 34	25
2	Equal Day and Night	rain	6 .. 0	6 .. 0	10 .. 22 .. 46	17 .. 6	22 .. 28	26
3	☉ enters ♈		5 .. 59	6 .. 1	11 .. 6 .. 46	17 .. 40	23 .. 16	27
4	Benedict	now grow	5 .. 58	6 .. 2	11 .. 20 .. 32.	☌	☌	28
5	☉ eclipsed		5 .. 57	6 .. 3	0 .. 3 .. 49.	Sets	0 .. 5	☽
6		temperate	5 .. 55	6 .. 5	0 .. 16 .. 48.	6 .. 53	0 .. 50	1
7	☌ ☉ ♅ Occidental	for	5 .. 54	6 .. 6	0 .. 29 .. 35	7 .. 43	1 .. 36	2
G	5th. Sunday in Lent	the	5 .. 53	6 .. 7	1 .. 12 .. 3	8 .. 34	2 .. 24	3
2		Season	5 .. 52	6 .. 8	1 .. 24 .. 26	9 .. 26	3 .. 13	4
3	Algol South 2 .. 30		5 .. 50	6 .. 10	2 .. 6 .. 19	10 .. 15	4 .. 2	5
4		Cool	5 .. 49	6 .. 11	2 .. 18 .. 16.	11 .. 8	4 .. 51	6
5	Bulls eye Sets 10 .. 47		5 .. 48	6 .. 12	3 .. 0 .. 5	11 .. 56	5 .. 36	7
6		westerly	5 .. 46	6 .. 14	3 .. 11 .. 54	12 .. 47	6 .. 23	8
7	Days increase 2 .. 14	winds	5 .. 45	6 .. 15	3 .. 23 .. 47	13 .. 35	7 .. 8	9

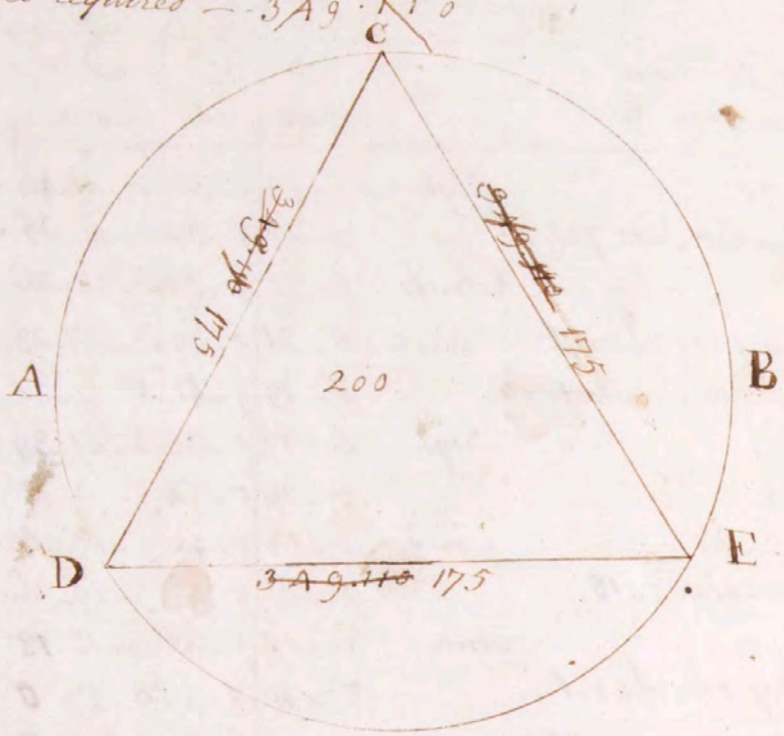
Sun Eclipsed 22 .. 1. ♓ Alt being 5 .. 29 .. 39 Distant from the Moons North Node
NB. the Node is Equated

Required the Lengths of the Sides of an Equaliteral Triangle inscribed in a Circle [...] ter is 200 perches, with a general Theorim for all such Questions

Solution of the above problem

1000 ...... 3.142 200

	200
1000)	628 | 400
Lenght of the periphery	628.400
1/3 of the lenght of the periphery	209.466
1/3 of 1/3 of the periphery	69.822
2/3 of 1/3 of the periphery	139.644
Length of the Sides required	349.110



Fifth Month hath 31 Days

First ☽ 29 .. 1 .37 Morn

♄ {1, 11, 21} ♎ {3, 3, 2} Deg.

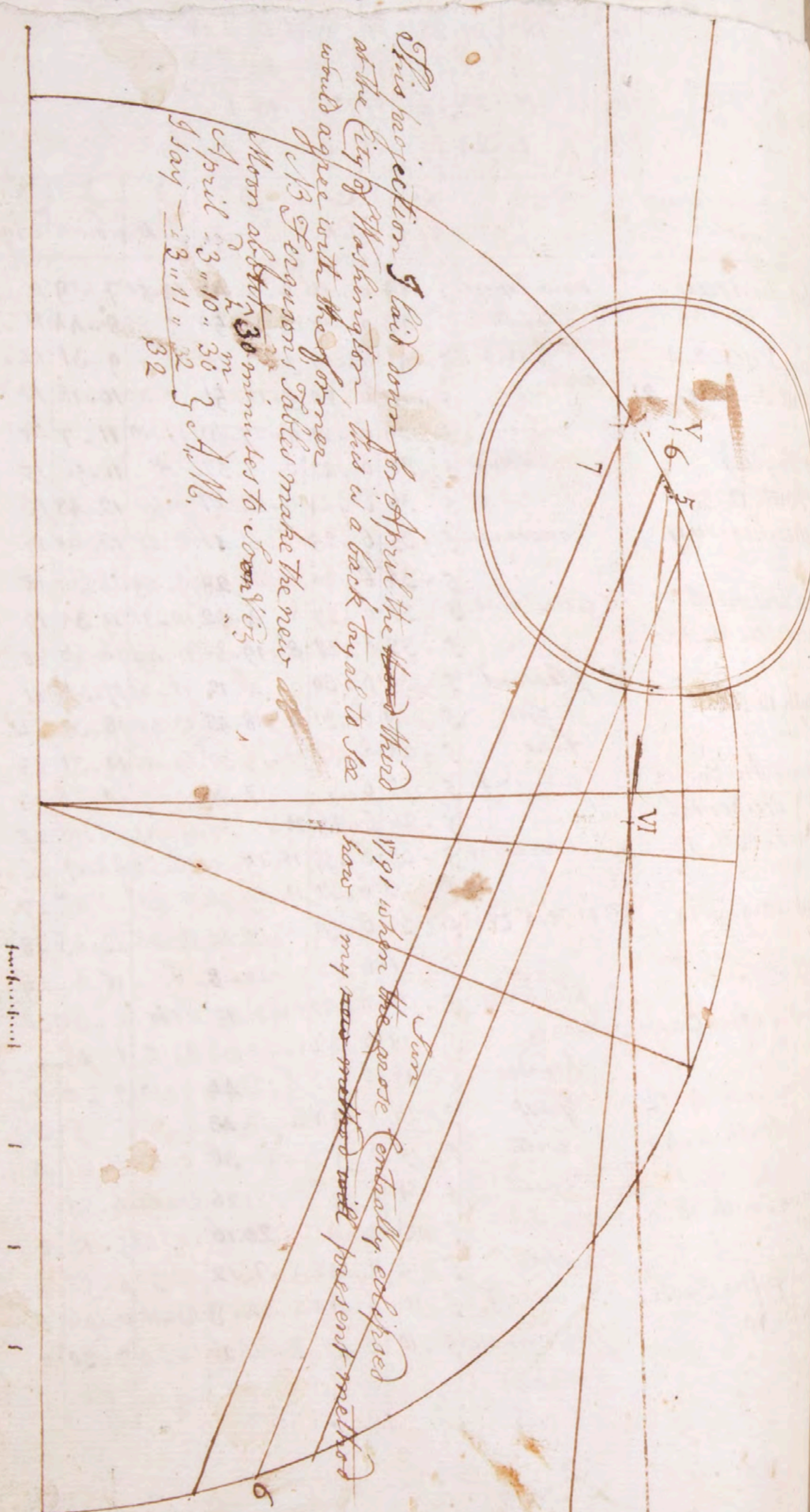
☽	☉	♄	♃	♂	♀	☿	☽ Lat
7	18	21	28	18	17	♉ 0	2 N
13	24	22	27	17	25	6	5 N
19	♉ 0	23	26	17	♈ 2	19	1 S
25	6	24	25	17	9	24	5 S

W D	Remarkable Days Aspects weather &c		☉ rise	☉ Sets	☽ Long.	☽ Sets	☽ South	☽ Age
G	Palm Sunday	now expect	5..44	6..16	4..5..46	14..51	7..59	10
2		Clouds	5..43	6..17	4..17..54	15..25	8..44	11
3	Arietis Sets 8..24	and	5..41	6..19	5..0..15	16..2	9..31	12
4	Spica ♍ South 12..21	&	5..40	6..20	5..12..51	16..35	10..18	13
5		rainy	5..39	6..21	5..25..41	17..10	11..7	14
6	Good Fryday	weather	5..38	6..22	6..8..57	☍	11..56	15
7	♃ South 12..59		5..36	6..24	6..22..27	rises	12..48	16
G	Easter Sunday	moderate	5..35	6..25	7..6..18	8..18	13..40	17
2			5..34	6..26	7..20..28	9..25	14..37	18
3	☌ ☉ ♄ Oriental	Clear and	5..33	6..27	8..4..52	10..31	15..35	19
4	Pleades Sets 9..38		5..32	6..28	8..19..30	11..49	16..46	20
5		pleasant	5..30	6..30	9..4..12	12..40	17..37	21
6	♃ South 12..14	and	5..29	6..31	9..18..53	13..35	18..35	22
7		fine	5..28	6..32	10..3..31	14..19	19..31	23
G	1st Sunday after Easter	growing	5..27	6..33	10..17..56	15..7	20..26	24
2	☍ ☉ ♃ Occidental		5..26	6..34	11..2..7	15..45	21..18	25
3	Arcturus South 12..23	weather	5..25	6..35	11..15..59	16..20	22..7	26
4			5..23	6..37	11..29..34	16..58	22..55	27
5	☿ great elong 19..14	☉ enters ♉	5..22	6..38	0..12..43	17..30	23..43	28
6			5..21	6..39	0..25..38	☌	☌	29
7	Days 13..20	perhaps	5..20	6..40	1..8..15	Sets	0..30	☽
G	2nd Sunday after Easter	a	5..18	6..42	1..20..33	8..2	1..14	1
2		thunder	5..17	6..43	2..2..44	9..0	2..0	2
3	Days increase 4..12	Gust	5..16	6..44	2..14..43	9..53	2..50	3
4	Capella South 2..49	with	5..15	6..45	2..26..36	10..40	3..37	4
5		rain	5..14	6..46	3..8..26	11..28	4..25	5
6	Cassiopea South 10..9	toward	5..13	6..47	3..20..16	12..13	5..13	6
7		the	5..12	6..48	4..2..12	12..50	5..58	7
G	3d Sunday after Easter	end of	5..11	6..49	4..14..13	13..31	6..46	8
2	Days 13..40	the month	5..10	6..50	4..26..26	14..4	7..30	9

Required the Lengths of the Sides of an Equaliteral Triangle inscribed in a Circle [whose diame]ter is 200 perches, with a general Theorim for all such Questions

Solution of the above problem

10.00 ------ 3.142 ------ 200



This projection I laid down for April the ~~[illegible]~~ third 1791 when the ~~[illegible]~~ Sun were Centrally eclipsed at the City of Washington this is a task try'd to see how my ~~[illegible]~~ will present method would agree with the former

13 Fergusons Tables make the new Moon ab[out] 30 minutes to Seven 8/3

April 3 10 30

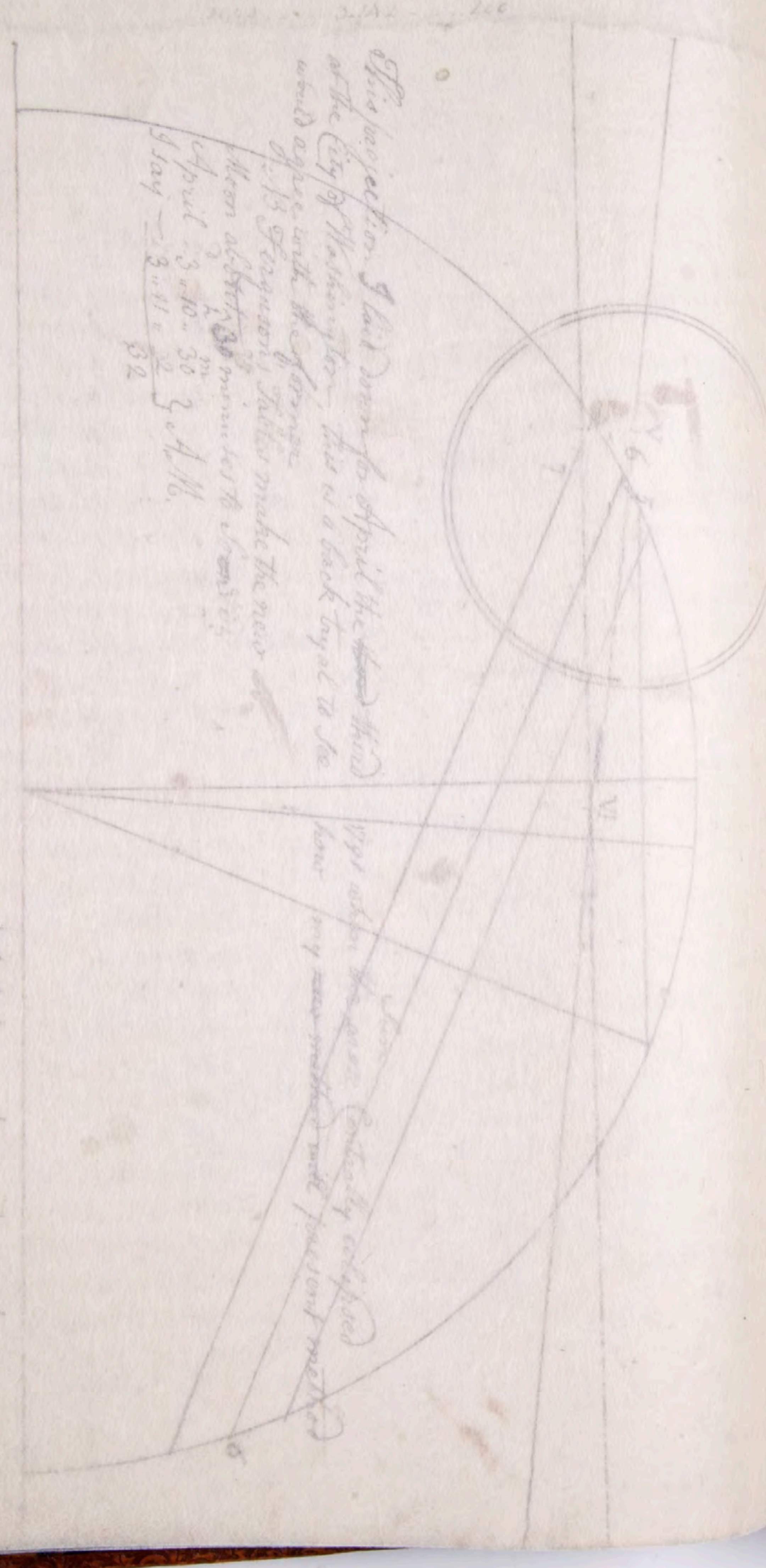
1 day 3 11 32 } A.M.

32

Fifth Month hath 31 Days

D H M		Day	☉ ♉	♄ ♈	♃ ♎	♂ ♍	♀ ♈	☿ ♊	☽ Lat
[illegible] 6 - 0 - 4	Aft	1	12	24	24	14	17	0	2 S
[illegible] 13 - 3 - 34	Morn	7	18	25	24	15	24	♉ 28	4 N
[illegible] 2 - 8	Aft	13	23	26	23	18	♉ 1	26	3 N
[illegible] - 34	Aft	19	29	27	23	19	8	24	4 S
2, 1, 0 }	Deg.	25	♊ 5	27	22	21	15	21	5 S

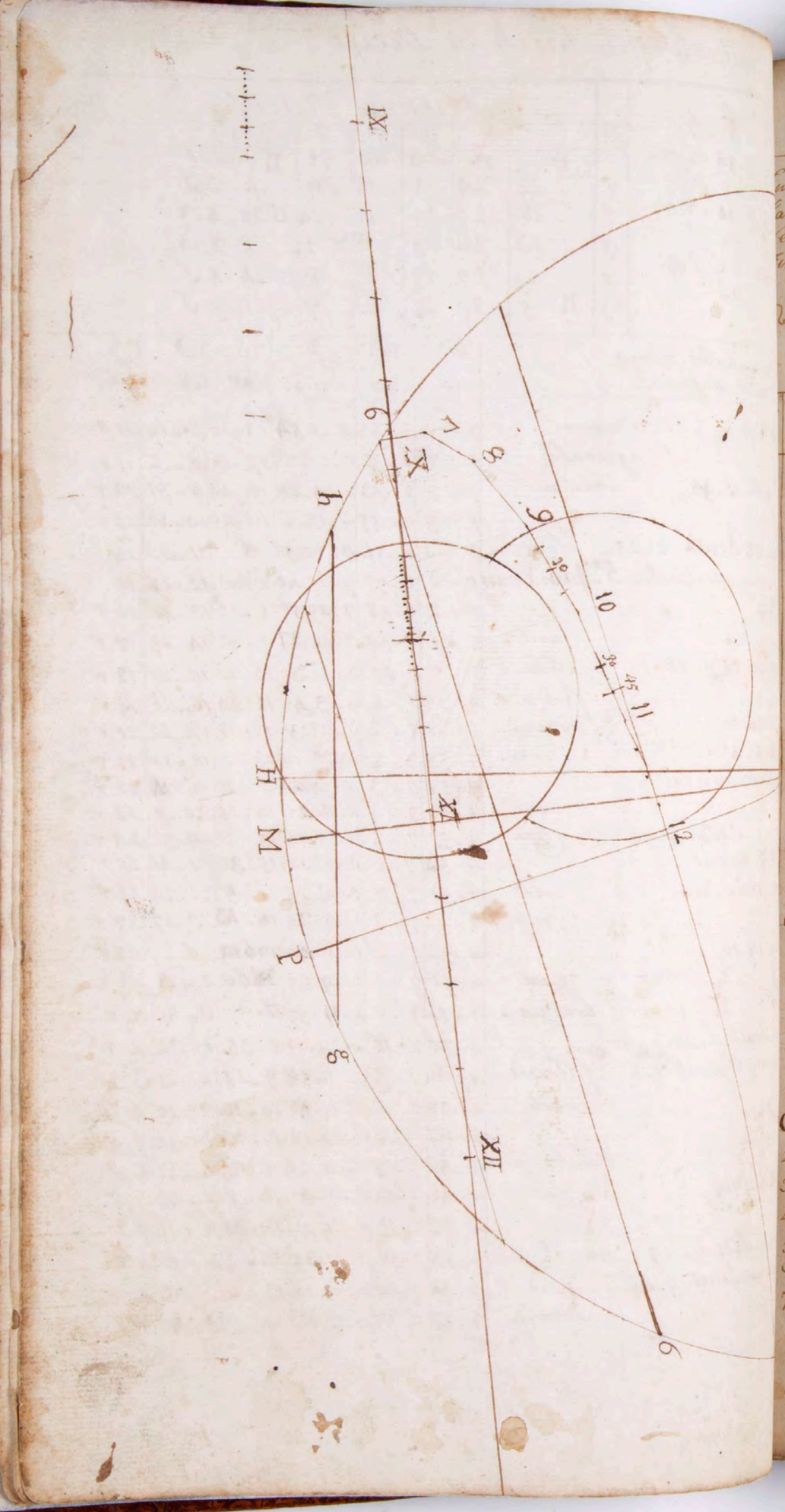
Remarkable Days, weather &c.	☉ rise	☉ sets	☽ Long.	☽ sets	☽ South	☽ Age
warm	5 - 9	6 - 51	5 - 8 - 54	14 - 36	8 - 16	10 r
agreeable	5 - 8	6 - 52	5 - 21 - 32	15 - 9	9 - 2	11 r
weather	5 - 7	6 - 53	6 - 4 - 38	15 - 44	9 - 51	12 r
	5 - 5	6 - 55	6 - 18 - [illegible]	[illegible]	10 - 42	13 r
Cloudy	5 - 4	6 - 56	7 - 1 - 38	[illegible]	11 - 32	14
St. John Evans	5 - 3	6 - 57	7 - 15 - 40	[illegible]	12 - 28	15
	5 - 2	6 - 58	7 - 29 - 56	[illegible]	[illegible]	16 r
and	5 - 1	6 - 59	8 - 14 - 27	[illegible]	[illegible]	17 r
like	5 - 0	7 - 0	8 - 29 - [illegible]	10 - [illegible]	[illegible]	18 r
for a	4 - 59	7 - 1	9 - 13 - 48	11 - 29	[illegible]	19 r
warm	4 - 58	7 - 2	9 - 28 - 30	12 - 18	[illegible] - 22	20 r
rain	4 - 58	7 - 2	10 - [illegible]	13 - [illegible]	[illegible] - 18	21 r
	4 - 57	7 - 3	10 - 27 - 24	13 - 48	[illegible] - 14	22 r
now	4 - 56	7 - 3	11 - 11 - 22	14 - 22	20 - 5	23 r
Clear	4 - 55	7 - 5	11 - 25 - 12	[illegible]	20 - 56	24 r
	4 - 54	7 - 6	0 - 8 - 32	15 - 30	[illegible] - 10	25 r
with	4 - 53	7 - 7	0 - 21 - 32	16 - 9	[illegible] - 29	26 r
some	4 - 52	7 - 8	1 - 4 - 24	16 - 43	[illegible] - 17	27 r
	4 - 52	7 - 8	1 - 16 - 49	[illegible]	[illegible]	28 r
Cool	4 - 51	7 - 9	1 - 29 - 5	[illegible]	[illegible]	☽
[illegible]	4 - 51	7 - 9	2 - 11 - 5	7 - 46	[illegible]	1 r
	4 - 50	7 - 10	2 - [illegible]	[illegible]	1 - 12	2 r
followed	4 - 49	7 - 11	3 - [illegible]	9 - 17	[illegible] - 21	3 r
with	4 - 48	7 - 12	3 - 16 - 46	10 - 10	[illegible] - 10	4 r
	4 - 47	7 - 13	3 - 28 - [illegible]	[illegible] - 52	[illegible]	5 r
[illegible] and	4 - 46	7 - 14	4 - 10 - [illegible]	[illegible]	4 - 30	6 r
rain	4 - 46	7 - 14	4 - 22 - [illegible]	[illegible]	5 - 23	7 r
	4 - 45	7 - 15	5 - 5 - 2	12 - 38	6 - 11	8 r
[illegible] Clear	4 - 44	7 - 16	5 - 17 - 35	13 - 9	6 - 56	9 r
and	4 - 44	7 - 16	6 - 0 - 24	13 - 48	[illegible] - 48	10 r
warm	4 - 43	7 - 17	6 - 13 - 38	14 - 23	[illegible]	11



May Fifth Month hath 31 Days — 1792

	D H M				**Planets Places**					
ull ○	6..0..4 Aft	D	☉	♄	♃	♂	♀	☿	☽'s Lat	
ist ☾	13..3..54 Morn		♉	♈	♎	♍	♈	♊		
ew ☽	20..2..8 Aft	1	12	24	24	14	17	0	2 S	
ast ☾	28..5..34 Aft	7	18	25	24	15	24	♉ 28	4 N	
{1	2 } Deg.	13	23	26	23	18	♉ 1	26	3 N	
{11 ♎	1 }	19	29	27	23	19	8	24	4 S	
{21	0 }	25	♊ 5	27	22	21	15	21	5 S	

W D	Remarkable Days Aspects weather &c		☉ rise	☉ Sets	☽ Long.	☽ Sets	☽ South	☽ Age
3	☍ ♄ ♃	warm	5..9	6..51	5..8..54	14..36	8..16	10 r
4		agreeable	5..8	6..52	5..21..32	15..9	9..2	11 r
5	♃ South 10..48	weather	5..7	6..53	6..4..38	15..44	9..51	12 r
6			5..5	6..55	6..18..3	16..25	10..42	13 r
7	Spica ♍ South 10.25	Cloudy	5..4	6..56	7..1..38	☍	11..32	14
G	4th Sunday after Easter	St. John Evan	5..3	6..57	7..15.40	rises	12..28	15
2	☌ ♃ ♀		5..2	6..58	7..29..56	8..22	13..26	16 r
3	[illegible]	and	5..1	6..59	8..14..27	9..28	14..25	17 r
4	Lyra South 3..28	like	5..0	7..0	8..29..6	10..28	15..25	18 r
5		for a	4..59	7..1	9..13..48	11..29	16..26	19 r
6	Days 14..4	warm	4..58	7..2	9..28..30	12..18	17..22	20 r
7	♃ Sets 4..45	rain	4..58	7..2	10..13..1	13..3	18..18	21 r
G	Rogation Sunday		4..57	7..3	10..27..24	13..48	19..14	22 r
2		now	4..56	7..4	11..11..22	14..25	20..5	23 r
3	Days increase 4..54	Clear	4..55	7..5	11..25..12	15..3	20..56	24 r
4	☌ ☉ ☿ orient		4..54	7..6	0..8..32	15..30	21..40	25 r
5	Ascension Day	with	4..53	7..7	0..21..32	16..5	22..29	26 r
6		Some	4..52	7..8	1..4..24	16..43	23..17	27 r
7	Days 14..16		4..52	7..8	1..16..49	[illegible]	☌	28 r
G	[illegible]	Cool	4..51	7..9	1..29..5	Set	0..4	☽
2	☉ enters ♊	breezes	4..51	7..9	2..11..5	7..46	0..46	1 r
3	Lyra South 2..37		4..50	7..10	2..23..4	8..35	1..32	2 r
4	pegasi Algenib South 8..6	followed	4..49	7..11	3..4..54	9..17	2..21	3 r
5		with	4..48	7..12	3..16..46	10..10	3..10	4 r
6	△ ♂ ☿		4..47	7..13	3..28..39	10..52	3..56	5 r
7		thunder and	4..46	7..14	4..10..35	11..25	4..40	6 r
G	Whitsunday	rain	4..46	7..14	4..22..41	12..1	5..23	7 r
2			4..45	7..15	5..5..2	12..38	6..11	8 r
3	procyon Sets 9..29	now Clear	4..44	7..16	5..17..35	13..9	6..56	9 r
4	Arcturus South 9..36	and	4..44	7..16	6..0..24	13..48	7..48	10 r
5		warm	4..43	7..17	6..13..38	14..23	8..40	11



June Sixth Month hath 30 Days

	☌	☍
Full ☾	4 .. 7 .. 55	Aft
Last ☌	11 .. 1 .. 10	Aft
New ☽	19 .. 7 .. 49	Morn
First ☌	27 .. 5 .. 10	Morn

☌ { 1 ♍ 30 / 11 ♍ 29 / 21 29 } Deg.

Planets Places

D	☉	♄	♃	♂	♀	☿	☽'s Lat
	♊	♈	♎	♍	♉	♉	
1	11	28	22	24	24	19	2 N
7	17	29	22	26	♊ 1	25	5 N
13	23	♉ 0	22	29	8	♊ 0	2 S
19	29	1	22	♎ 0	16	9	5 S
25	♋ 4	1	22	2	24	17	1 S

W D	Remarkable Days Aspects weather &c		☉ rise	☉ Sets	☽ Long?	☽ Sets	☽ South	☽ Age
6	△ ♂ ♀	warm	4 .. 43	7 .. 17	6 .. 27 .. 6	14 .. 37	9 .. 28	12
7		weather	4 .. 42	7 .. 18	7 .. 10 .. 56	15 .. 39	10 .. 20	13
G	Trinity Sunday		4 .. 42	7 .. 18	7 .. 25 .. 4	♋	11 .. 17	14
2		Some	4 .. 41	7 .. 19	8 .. 9 .. 25	rises	12 .. 16	15
3	Spica ♍ Sets 1 .. 47	appearance	4 .. 41	7 .. 19	8 .. 24 .. 2	8 .. 18	13 .. 15	16
4		rain,	4 .. 41	7 .. 19	9 .. 8 .. 46	9 .. 17	14 .. 14	17
5			4 .. 40	7 .. 20	9 .. 23 .. 26	10 .. 12	15 .. 12	18
6	△ ♂ ☿	Sultry	4 .. 40	7 .. 20	10 .. 8 .. 2	10 .. 56	16 .. 8	19
7		hot	4 .. 40	7 .. 20	10 .. 22 .. 31	11 .. 40	17 .. 2	20
G	1st Sunday after Trinity	weather	4 .. 39	7 .. 21	11 .. 6 .. 45	12 .. 18	17 .. 54	21
2	St. Barnabas		4 .. 39	7 .. 21	11 .. 20 .. 39	12 .. 49	18 .. 42	22
3	△ ☉ ♃	Moderate	4 .. 39	7 .. 21	0 .. 4 .. 15	13 .. 23	19 .. 30	23
4	☿ great elongation 22 .. 53	gentle	4 .. 39	7 .. 21	0 .. 17 .. 26	14 .. 1	20 .. 18	24
5		breezes	4 .. 39	7 .. 21	1 .. 0 .. 22	14 .. 35	21 .. 6	25
6	Pegasi Markab rise 10 .. 32		4 .. 38	7 .. 22	1 .. 13 .. 1	15 .. 8	21 .. 53	26
7			4 .. 38	7 .. 22	1 .. 25 .. 24	15 .. 48	22 .. 40	27
G	2nd Sunday after Trinity St. Alban		4 .. 38	7 .. 22	2 .. 7 .. 32	16 .. 27	23 .. 27	28
2			4 .. 38	7 .. 22	2 .. 19 .. 30	♂	♂	29
3	Days 14 .. 44	Cloudy	4 .. 38	7 .. 22	3 .. 1 .. 24	Sets	0 .. 14	☽
4	☉ enters ♋	and like	4 .. 38	7 .. 22	3 .. 13 .. 15	7 .. 58	0 .. 55	1
5	Longest Day	for	4 .. 38	7 .. 22	3 .. 25 .. 4	8 .. 40	1 .. 44	2
6		rain	4 .. 38	7 .. 22	4 .. 7 .. 10	9 .. 30	2 .. 38	3
7	△ ♃ ♀		4 .. 38	7 .. 22	4 .. 19 .. 2	10 .. 6	3 .. 25	4
G	3d Sunday after Trinity St. John Bap		4 .. 38	7 .. 22	5 .. 1 .. 13	10 .. 36	4 .. 5	5
2			4 .. 38	7 .. 22	5 .. 13 .. 39	11 .. 7	4 .. 50	6
3		Thunder	4 .. 38	7 .. 22	5 .. 26 .. 19	11 .. 41	5 .. 34	7
4	♃ Sets 1 .. 2	gusts	4 .. 38	7 .. 22	6 .. 9 .. 20	12 .. 12	6 .. 22	8
5		and rain	4 .. 38	7 .. 22	6 .. 22 .. 40	12 .. 48	7 .. 12	9
6	St. peter and paul	toward	4 .. 39	7 .. 21	7 .. 6 .. 17	13 .. 22	8 .. 3	10
7	Days decrease 2. m	The end	4 .. 39	7 .. 21	7 .. 20 .. 16	14 .. 10	8 .. 58	11

1792

July Seventh Month hath 31 Days

	D	☉	Planets Places ♄	♃	♂	♀	☿	☽ Lat
Full ○ 4 .. 2 .. 38 Morn			♉	♐	♐	♌	♊	
Last ☽ 10 .. 10 .. 30 Aft		♋						
New ☽ 18 .. 11 .. 15 Aft	1	10	1	22	5	0	29	5 N
First ☽ 26 .. 4 .. 21 Aft	7	16	1	22	9	7	♋ 12	2 N
☌ 1 ♍ 28	13	21	2	23	12	15	25	4 S
☌ 11 ♍ 28 Degr.	19	27	2	23	16	22	♌ 7	4 S
☌ 21 27	25	♌ 3	2	24	19	♌ 0	13	2 N

D	W D	Remarkable Days Aspects weather &c	☉ rise	☉ Sets	☽ Long.!	☽ Sets	☽ South	☽ Age
1	G	4th Sunday after Trinity	4 .. 39	7 .. 21	8 .. 4 .. 31	14 .. 58	9 .. 54	12
2		Visitation of V. Mary	4 .. 40	7 .. 20	8 .. 19 .. 2	15 .. 51	10 .. 54	13
3		very warm	4 .. 40	7 .. 20	9 .. 3 .. 39	☌	11 .. 54	14
4		St. Martin dry	4 .. 40	7 .. 20	9 .. 18 .. 23	rises	12 .. 56	15
5		weather	4 .. 41	7 .. 19	10 .. 3 .. 3	8 .. 47	13 .. 51	16
6		Lyra South 11 .. 29	4 .. 41	7 .. 19	10 .. 17 .. 37	9 .. 30	14 .. 45	17
7		followed	4 .. 42	7 .. 18	11 .. 1 .. 58	10 .. 9	15 .. 38	18
8	G	5th Sunday after Trinity with	4 .. 42	7 .. 18	11 .. 16 .. 1	10 .. 48	16 .. 31	19
9		thunder	4 .. 43	7 .. 17	11 .. 29 .. 48	11 .. 19	17 .. 19	20
10		☌ ☉ ♅ Accident gusts	4 .. 43	7 .. 17	0 .. 13 .. 15	11 .. 52	18 .. 5	21
11		Expect	4 .. 44	7 .. 16	0 .. 26 .. 9	12 .. 24	18 .. 51	22
12		Days 14 .. 32 a very	4 .. 44	7 .. 16	1 .. 9 .. 5	12 .. 59	19 .. 40	23
13		warm	4 .. 45	7 .. 15	1 .. 21 .. 35	13 .. 44	20 .. 32	24
14		♃ Sets 11 .. 42 harvest	4 .. 45	7 .. 15	2 .. 3 .. 52	14 .. 26	21 .. 22	25
15	G	6th Sunday after Trinity	4 .. 46	7 .. 14	2 .. 15 .. 56	15 .. 5	22 .. 11	26
16		☐ ☉ ♃ Cloudy	4 .. 47	7 .. 13	2 .. 27 .. 53	15 .. 52	22 .. 55	27
17		some	4 .. 47	7 .. 13	3 .. 9 .. 44	16 .. 36	23 .. 39	28
18		Days decrease 20 m. appearance	4 .. 48	7 .. 12	3 .. 21 .. 34	☌	☌	☽
19		of	4 .. 49	7 .. 11	4 .. 3 .. 27	Sets	0 .. 23	1
20		Margaret rain	4 .. 49	7 .. 11	4 .. 15 .. 24	7 .. 52	1 .. ♃	2
21	G	7th Sunday after Trinity	4 .. 50	7 .. 10	4 .. 27 .. 29	8 .. 29	1 .. 51	3
22		☉ enters ♌	4 .. 51	7 .. 9	5 .. 9 .. 49	9 .. 1	2 .. 37	4
23		gusty	4 .. 52	7 .. 8	5 .. 22 .. 19	9 .. 35	3 .. 25	5
24		St James afternoons	4 .. 53	7 .. 7	6 .. 5 .. 7	10 .. 10	4 .. 13	6
25		St. Anne with	4 .. 54	7 .. 6	6 .. 18 .. 19	10 .. 44	5 .. 1	7
26		frequent	4 .. 54	7 .. 6	7 .. 1 .. 46	11 .. 19	5 .. 50	8
27		shower of	4 .. 55	7 .. 5	7 .. 15 .. 34	11 .. 58	6 .. 43	9
28	G	8th Sunday after Trinity rain	4 .. 56	7 .. 4	7 .. 29 .. 39	12 .. 46	7 .. 38	10
29		in many	4 .. 57	7 .. 3	8 .. 14 .. 2	13 .. 33	8 .. 36	11
30		places	4 .. 58	7 .. 2	8 .. 28 .. 36	14 .. 34	9 .. 37	12
31			4 .. 59	7 .. 1	9 .. 13 .. 20	15 .. 34	10 .. 37	13

August Eighth Month hath 31 Days

	D	H	M	
Full ○	2	9	35	Morn
Last ☾	9	10	1	Morn
New ☽	17	2	0	Aft
First ☽	25	0	12	Morn
Full ○	31	5	42	Aft

{1, 11, 21} ♍ {27, 26, 26} Deg.

Planets Places

D	☉ ♌	♄ ♉	♃ ♎	♂ ♎	♀ ♌	☿ ♌	☽s Lat
1	10	2	24	24	8	29	4 N
7	15	2	25	26	16	♍ 10	2 S
13	21	2	26	29	25	17	5 S
19	27	2	27	♏ 4	♍ 2	24	1 S
25	♍ 3	2	28	9	8	♎ 0	5 N

W D	Remarkable Days Aspects weather &c	☉ rise	☉ Sets	☽ Long.	☽ Sets	☽ South	☽ Age
4	☌ ♃ ♂ Lamas Day	5..0	7..0	9..28..1	☍	11..35	14
5		5..1	6..59	10..12..40	rises	12..32	15
6	♄ Stationary	5..2	6..58	10..27..8	8..4	13..26	16
7		5..3	6..57	11..11..23	8..42	14..18	17
G	9th Sunday after Trinity	5..4	6..56	11..25..15	9..16	15..9	18
2	Transfiguration (☌ ☉ ♀ Occiden)	5..5	6..55	0..8..56	9..48	15..58	19
3		5..6	6..54	0..22..9	10..21	16..45	20
4	Bulls eye rise 12..15	5..7	6..53	1..5..6	10..57	17..31	21
5		5..8	6..52	1..17..46	11..36	18..21	22
6	St. Lawrence	5..9	6..51	2..0..10	12..22	19..14	23
7		5..10	6..50	2..12..20	13..2	20..2	24
G	10th Sunday after Trinity	5..11	6..49	2..24..20	13..48	20..51	25
2		5..12	6..48	3..6..13	14..34	21..37	26
3	pleades rise 10..36	5..13	6..47	3..18..6	15..22	22..22	27
4		5..14	6..46	3..29..54	16..11	23..7	28
5	Days 13..15	5..15	6..45	4..11..48	☌	23..55	29
6	Spica ♍ Sets 8..5	5..16	6..44	4..23..49	Sets	☌	☽
7		5..18	6..42	5..5..59	7..3	0..36	1
G	11th Sunday after Trinity	5..19	6..41	5..18..23	7..30	1..17	2
2		5..20	6..40	6..1..3	8..6	2..6	3
3	Sirius rise 3..33	5..21	6..39	6..14..2	8..44	2..57	4
4	Days decrease 1..18	5..22	6..38	6..27..20	9..19	3..46	5
5	☉ enters ♍	5..23	6..37	7..10..56	9..59	4..37	6
6	△ ☉ ♄ St. Bartholomew	5..24	6..36	7..24..53	10..44	5..32	7
7	☿ great elongation 27°	5..26	6..34	8..9..7	11..29	6..29	8
G	12th Sunday after Trinity	5..27	6..33	8..23..37	12..25	7..28	9
2		5..28	6..32	9..8..15	13..24	8..27	10
3	St. Augustine	5..29	6..31	9..22..58	14..29	9..29	11
4	St. John beheaded.	5..30	6..30	10..7..39	15..38	10..26	12
5		5..32	6..28	10..22..13	☍	11..21	13
6	Sirius rise 2..53	5..33	6..27	11..6..35	rises	12..16	14

True time of New Moon in September 1792 — — — ☽ H 16..4..
Semidiameter of the Earths Disc — — — — — — °
Sun from the Nearest Solstice — — — — — — 56.
Suns Declination North — — — — — — — 8..4..3
Moons Latitude South Ascending — — — — — 2..2
Moons Horary Motion — — — — — — — —
Angle of the Moons visible path with the Ecliptic — — 5..4..3
Suns Semidiameter — — — — — — — —
Moons Semidiameter ————————
Semidiameter of the penumbra — — — — — —

1792

September Ninth Month hath 30 Days

	D	H	M	
Last ☾	8	1	41	Morn
New ☽	16	4	12	Morn
First ☽	23	7	18	Morn
Full ○	30	5	42	Aft

1	♍ 25	Deg.
11	♍ 24	Deg.
21	♍ 24	Deg.

Planets Places

☽	☉	♄	♃	♂	♀	☿	☽s Lat
	♍	♉	♎	♏	♍	♎	
1	10	2	29	14	16	3	0 N
7	16	2	♏ 0	17	24	4	5 S
13	21	2	1	19	♎ 2	♍ 29	3 S
19	27	1	2	25	9	23	3 N
25	♎ 3	1	4	29	16	19	4 N

W D	Remarkable Days Aspects weather &c	☉ rise	☉ Sets	☽ Long.	☽ rises	☽ South	☽ Age
7	♄ South 3..21	5..34	6..26	11..20..40	7..21	13..8	15
G	13th Sunday after Trinity	5..35	6..25	0..4..28	7..47	13..54	16
2		5..36	6..24	0..17..56	8..24	14..44	17
3	pleiades rise 9..19	5..38	6..22	1..1..2	9..0	15..34	18
4		5..39	6..21	1..13..51	9..37	16..22	19
5	Days 12..40	5..40	6..20	1..26..22	10..17	17..9	20
6		5..41	6..19	2..8..40	11..0	18..0	21
7	✶ ☉ ♂ Nativity V. Mary	5..43	6..17	2..20..46	11..45	18..48	22
G	14 Sunday after Trinity	5..44	6..16	3..2..43	12..31	19..34	23
2		5..45	6..15	3..14..34	13..17	20..20	24
3	Days decrease 2..16	5..46	6..14	3..26..23	14..8	21..8	25
4		5..48	6..12	4..8..15	15..8	21..56	26
5	Bulls eye rise 10..2	5..49	6..11	4..20..[illegible]	16..4	22..45	27
6		5..50	6..10	5..2..16	17..3	23..34	28
7	♄ South 2..29	5..52	6..8	5..14..34	☌	☌	29
G	15th Sunday after Trinity	5..53	6..7	5..27..4	Sets	0..13	☽
2	☌ ☉ ☿ Orient.	5..54	6..6	6..9..50	6..46	0..56	1
3		5..55	6..5	6..23..0	7..18	1..42	2
4	Sirius rise 1..48	5..56	6..4	7..6..25	7..57	2..35	3
5		5..58	6..2	7..20..12	8..52	3..30	4
6	St. Matthew	5..59	6..1	8..4..17	9..32	4..28	5
7	Equal Day and Night	6..0	6..0	8..18..38	10..23	5..26	6
G	16th Sunday after Trinity	6..2	5..58	9..3..11	11..23	6..26	7
2	☉ enters ♎	6..3	5..57	9..17..52	12..26	7..26	8
3		6..4	5..56	10..2..34	13..30	8..26	9
4	St. Cyprian	6..5	5..55	10..17..14	14..37	9..22	10
5	[illegible]	6..7	5..53	11..1..44	15..47	10..18	11
6		6..8	5..52	11..15..58	16..52	11..9	12
7	St. Michael	6..9	5..51	11..29..56	☍	11..59	13
G	17th Sunday after Trinity	6..11	5..49	0..13..34	rises	12..50	14

New Moon Sep. 16..4..12 Morn Sun Eclipsed ~~being~~ his Equated Distance from the Moo[illegible] Assending Node, being 11..29..35

a copy

Maryland. Baltimore County - Near Ellicotts Lower Mills Augt. 19th : 1791

Thomas Jefferson Secretary of State

Sir

I am fully Sensible of the greatness of that freedom which I take with you
sent occasion; a liberty which seemed to me Scarcely allowable, when I reflected on that
and dignified station in which you Stand, and the almost general prejudice and prepos
is so prevalent in the world against those of my complexion.
I suppose it is a truth too well attested to you, to need a proof here, that we are a race
who have long laboured under the abuse and censure of the world, that we have long been
rather as brutish than human, and scarcely capable of mental endowments.

Sir I hope I may Safely admit, in consequence of that report which hath
that you are a man far less inflexible in Sentiments of this nature, than many others,
are measureably friendly and well disposed toward us, and that you are willing and
lend your aid and assistance to our relief from those many distresses and numerous
to which we are reduced.

Now, Sir, if this is founded in truth, I apprehend you will readyly em
opportunity, to eradicate that train of absurd and false ideas and oppinion
generally prevails with respect to us, and that your Sentiments are concurrent
which are that one universal Father hath given Being to us all, and that he hath
made us all of one flesh, but that he hath also without partiallity afforded us all the sa
and endued us all with the Same faculties, and that however variable we may be
or religion, however diversified in Situation or colour, we are all of the same f
and Stand in the Same relation to him

Sir, if these are sentiments of which you are fully persuaded, I hope you
but acknowledge, that it is the indispensible duty of those who maintain for thems
rights of human nature and who profess the obligations of christianity, to exte
power and influence to the relief of every part of the human race, from whatev
or oppression they may unjustly labour under, and this I apprehend a full con
the truth and obligation of these principles should lead all to.

Sir, I have long been convinced, that if your love for yourselves,
and for those inesteemable laws which preserve to you the rights of human
was founded on Sincerity, you could not but be Solicitous that every indiv
whatever rank or distinction, might with you equally enjoy the blessings
neither could you rest satisfied, short of the most active diffusion of your ex
order to their promotions from any State of degradation, to which the unjustifiabl
barbarism of men may have reduced them.

Sir, I freely and chearfully acknowledge, that I am of the African rac
that colour which is natural to them of the deepest dye, and it is under a Sense
profound gratitude to the Supreme Ruler of the universe, that I now confess
I am not under that State of tyrannical thraldom, and inhuman captivity,
too many of my brethren are doomed; but that I have abundantly tasted
ition of those blessings, which proceed from that free and unequalled liber
which you are favoured, and which I hope you will willingly allow y

October Tenth Month hath 31 Days

	D	H	M	
Last ☾	7	7	48	Aft
New ☽	15	5	31	Aft
First ☽	22	4	5	Aft
Full ○	29	4	53	Aft

☊ { 1, 11, 21 } ♍ { 23, 23, 22 } Deg.

Planets Places

☽	☉	♄	♃	♂	♀	☿	☽s Lat
	♎	♉	♏	♐	♎	♍	
1	9	0	5	3	24	20	3 S
7	15	r 0	6	8	♏ 2	29	5 S
13	21	29	7	12	9	♎ 17	0 S
19	27	29	9	16	17	10	5 N
25	♏ 3	28	10	20	24	28	1 N

W D	Remarkable Days Aspects weather &c	☉ rise	☉ Sets	☽ Long.	☽ rises	☽ South	☽ Age
2	☿ great elongation 18..45	6..12	5..48	0..26..51	7..6	13..33	15
3		6..13	5..47	1..9..52	7..42	14..23	16
4	pleades South 2..57	6..14	5..46	1..22..31	8..24	15..16	17
5		6..15	5..45	2..4..56	0 9	16..5	18
6	Sirius rise 12..45	6..17	5..43	2..17..7	9..51	16..54	19
7	Days 11..24	6..18	5..42	2..29..9	10..39	17..42	20
G	18th Sunday after Trinity	6..19	5..41	3..11..3	11..25	18..28	21
2		6..20	5..40	3..22..54	12..13	19..13	22
3	Days decrease 3..28	6..22	5..38	4..4..45	13..8	20..0	23
4		6..23	5..37	4..16..38	14..2	20..47	24
5	☽ eclipse invisible	6..24	5..36	4..28..38	14..57	21..31	25
6		6..25	5..35	5..10..47	15..51	22..15	26
7	♄ South 12..40	6..27	5..33	5..23..10	16..50	23..0	27
G	19th Sunday after Trinity	6..28	5..32	6..5..49	☌	23..48	28
2		6..29	5..31	6..18..44	Sets	☌	☽
3		6..30	5..30	7..1..59	6..5	0..36	1
4		6..32	5..28	7..15..34	6..39	1..24	2
5	St. Luke	6..33	5..27	7..29..30	7..30	2..22	3
6		6..34	5..26	8..13..42	8..18	3..21	4
7		6..35	5..25	8..28..11	9..17	4..20	5
G	20th Sunday after Trinity	6..36	5..24	9..12..49	10..16	5..19	6
2	☍ ☉ ♄ Occident	6..38	5..22	9..27..30	11..18	6..18	7
3	☉ enters ♏	6..39	5..21	10..12..12	12..29	7..17	8
4		6..40	5..20	10..26..46	13..29	8..7	9
5	☌ ♄ ☿ Crispin	6..41	5..19	11..11..11	14..40	9..4	10
6		6..42	5..18	11..25..18	15..48	9..58	11
7		6..44	5..16	0..9..7	16..55	10..48	12
G	21st Sunday after Trinity	6..45	5..15	0..22..38	☍	11..37	13
2	St. Simon and Jude	6..46	5..14	1..5..46	rises	12..24	14
3		6..47	5..13	1..18..36	6..23	13..11	15
4	Days 10..24	6..48	5..12	2..1..9	7..4	13..58	16

received from the immediate hand of that Being, from whom proceedeth every good and perfect gift.

Sir, Suffer me to recall to your mind that time, in which the Arms and tyranny of the Crown were exerted with every powerful effort in order to reduce you to a State of look back I entreat you on the variety of dangers to which you were exposed, that time in which every human aid appeared unavailable, and in which and fortitude wore the aspect of inability to the conflict, and you cannot but to a Serious and ~~perfect~~ grateful sense of your miraculous and providential tion; you cannot but acknowledge, that the present freedom and tranquility enjoy you have mercifully received, and that it is the peculiar blessing of

This Sir, was a time in which you clearly saw into the injustice of Slavery, and in which you had just apprehensions of the horrors of its condition, Sir, that your abhorrence thereof was so excited, that you publickly held forth and valuable doctrine, which is worthy to be recorded and remembered in ing ages. "We holds these truths to ~~be~~ self evident, that all men are created and that they are endowed by their creator with certain unalienable rights among these are life, liberty, and the pursuit of happiness."

Here Sir, was a time in which your tender feelings for your fellows had you thus to declare, you were then impressed with proper Ideas of the great of liberty, and the free possession of those blessings to which you were intitled by but Sir, how pitiable is it to reflect that altho you were so fully convinced of lence of the Father of mankind, and of his equal and impartial distribution and privileges which he has conferred upon them, that you should at the counteract his mercies, in detaining by fraud and violence so numerous a brethren under groaning captivity and cruel oppression, that you should time be found guilty of that most criminal act which you professedly detest with respect to your selves.

Sir, I suppose that your knowledge of the Situation of my brethren is to to need a recital here; neither shall I presume to prescribe method by which they may be relieved, otherwise than by recommending to you and all to your selves from those narrow prejudices which you have imbibed with respect and as Job proposed to his friends "Put your Souls in their Souls Stead," thus hearts be enlarged with kindness and benevolence toward them, and thus shall neither the direction of my Self or others in what manner to proceed herein.

And now Sir, altho my Sympathy and affection for my brethren hath caused ment thus far, I ardently hope that your candour and generosity will plead with behalf, when I make known to you, that it was not originally my design; but taken up my pen in order to direct to you as a present, a copy of an Almanac calculated for the Succeeding year, I was unexpectedly and unavoidably

This calculation Sir, is the production of my arduous Study in this stage of life; for having long had unbounded desires to become acquainted the Secrets of nature, I have had to gratify my curiosity herein thro assiduous application to Astronomical Study, in which I need not

1792 Month

November Eleventh hath 30 Days.

Planets Places

	D	H	M	
Last ☽	6	3	55	Aft
New ☽	14	5	57	Morn
First ☽	21	0	12	Morn
Full ☉	28	8	55	Morn

☊ 1 11 21 ♍ 22 21 21 Degr.

D	☉	♄	♃	♂	♀	☿	☽ Lat.
	♏	♈	♍	♐	♐	♏	
1	10	27	12	25	3	10	5 S
7	16	27	13	♑ 0	10	19	2 S
13	22	26	14	4	18	♐ 5	4 N
19	28	25	15	9	25	8	4 N
25	♐ 4	25	17	14	♑ 3	17	4 S

M	W	D	Remarkable Days Aspects weather &c	☉ rise	☉ Set	☽ Long.	☽ rises	☽ South	☽ Age
		1	5	All Saints	6 .. 49	5 .. 11	2 .. 13.28	7 .. 48	14 .. 48	17
		2	6	☌ ☉ ♃ Occidental	6 .. 51	5 .. 9	2 .. 25 .. 35	8 .. 37	15 .. 40	18
		3	7	☌ ☉ ♃ Oriental	6 .. 52	5 .. 8	3 .. 7 .. 32	9 .. 26	16 .. 29	19
		4	G	22nd Sunday after Trinity	6 .. 53	5 .. 7	3 .. 19 .. 25	10 .. 14	17 .. 14	20
		5	2		6 .. 54	5 .. 6	♌ .. 1 .. 14	11 .. 3	17 .. 59	21
		6	3	♄ South .. 10 .. 58	6 .. 55	5 .. 5	♌ .. 13 .. 5	11 .. 56	18 .. 44	22
		7	♌	Sirius rise 10 .. 41	6 .. 56	5 .. 4	♌ .. 25 .. 2	12 .. 51	19 .. 29	23
		8	5		6 .. 57	5 .. 3	5 .. 7 .. 6	13 .. 49	20 .. 16	24
		9	6	Bulls eye South 1 .. 29	6 .. 58	5 .. 2	5 .. 19 .. 11	14 .. 46	20 .. 59	25
		10	7		6 .. 59	5 .. 1	6 .. 1 .. 50	15 .. 40	21 .. 43	26
		11	G	23d Sunday after Trinity	7 .. 0	5 .. 0	6 .. 14 .. 36	16 .. 45	22 .. 32	27
		12	2	St. Martin	7 .. 1	♌ .. 59	6 .. 27 .. 41	17 .. 51	23 .. 24	28
		13	3		7 .. 2	♌ .. 58	7 .. 11 .. ♌	☌	☌	29
		14	4	Days 9 .. 54	7 .. 3	♌ .. 57	7 .. 24 .. 48	Sets	0 .. 17	☽
		15	5	pleades South 12 .. 12	7 .. 4	♌ .. 56	8 .. 8 .. 51	6 .. 10	1 .. 10	1
		16	6	Days decrease .. ♌ .. 54	7 .. 5	♌ .. 55	8 .. 23 .. 11	7 .. 2	2 .. 5	2
		17	7		7 .. 6	♌ .. 54	9 .. 7 .. 13	8 .. 1	3 .. 5	3
		18	G	24th Sunday after Trinity	7 .. 7	♌ .. 53	9 .. 22 .. 25	9 .. 5	4 .. 5	4
		19	2		7 .. 8	♌ .. 52	10 .. 7 .. 7	10 .. 11	5 .. 3	5
		20	3	♄ South 9 .. 50	7 .. 8	♌ .. 52	10 .. 21 .. 46	11 .. 20	5 .. 58	6
		21	4		7 .. 9	♌ .. 51	11 .. 6 .. 17	12 .. 25	6 .. 52	7
		22	5	☉ enters ♐	7 .. 10	♌ .. 50	11 .. 20 .. 32	13 .. 32	7 .. 45	8
		23	6	St. Clement	7 .. 11	♌ .. 49	0 .. ♌ .. 34	14 .. 36	8 .. 36	9
		24	7		7 .. 12	♌ .. 48	0 .. 18 .. 14	15 .. 37	9 .. 24	10
		25	G	25th Sunday after Trinity	7 .. 12	♌ .. 48	1 .. 1 .. ♌	16 .. 39	10 .. 12	11
		26	2		7 .. 13	♌ .. 47	1 .. 14 .. 36	17 .. 45	11 .. 0	12
		27	3		7 .. 14	♌ .. 46	1 .. 27 .. 18	♎	11 .. 48	13
		28	4	Sirius South 2 .. 22	7 .. 15	♌ .. 45	2 .. 9 .. 46	rises	12 .. 36	14
		29	5		7 .. 15	♌ .. 45	2 .. 21 .. 58	6 .. 24	13 .. 27	15
		30	6	St. Andrew	7 .. 16	♌ .. 44	3 .. ♌ .. 0	7 .. 10	14 .. 13	16

to you the many difficulties and disadvantages which I have had to encoun
And altho I had almost declined to make my calculation for the ensuing yea
sequence of that time which I had allotted therefor being taken up at the
Territory, by the request of Mr. Andrew Ellicott, yet finding myself unde
engagements to printers of this state to whom I had communicated my de
my return to my place of residence, I industriously applyed my Self thereto
hope I have accomplished with correctness and accuracy, a copy of wh
taken the liberty to direct to you, and which I humbly request you will f
receive, and altho you may have the opportunity of perusing it after its
yet I chose to send it to you in manuscript previous thereto, that thereby
might not only have an earlier inspection, but that you might also view
own hand writing

and now Sir, I shall conclude
and Subscribe my Self with the most profound respe
your most obedient humble Servant

B Banneker

To Thomas Jefferson
Secretary of State
Philadelphia

N.B. any communication to me
may be had by a direction to
Mr. Elias Ellicott merchant in
Baltimore Town

BB

Mr. Jeffersons answer to the above Letter

Philadelphia Augt. 30: 1791

Sir

I thank you sincerely for your letter of the 19th. instant and for the Al
it contained. no body wishes more than I do to see such proofs as you exhibit, tha
has given to our black Brethren, talents equal to those of the other colours of men
the appearance of a want of them is owing merely to the degraded condition of the
both in Africa and America. I can add with truth that no body wishes more ar
see a good System commenced for raising the condition both of their body and m
it ought to be, as fast as the imbecility of their present existence, and other cir
ces which cannot be neglected will admit. I have taken the liberty of Sending
manac to monsieur de Condorcet, Secretary of the Academy of Sciences at paris
Member of the Philanthropic Society because I considered it as a document to
your whole colour had a right for their Justification against the doubts which
been entertained of them. I am with great esteem Sir,

Your most obedt. humble Servt.

Tho Jefferson

Mr. Benjamin Banneker
near Ellicotts lower mills Baltimore County.

December Twelfth Month hath 31 Days

	D	H	M	
Last ☾	6	9	30	Mom
New ☽	13	5	31	Aft
First ☽	21	10	18	Mom
Full ○	28	3	32	Mom
☊ 1			20	Deg.
☊ 11	♍		20	Deg.
☊ 21			19	Deg.

Planets Places

D	☉	♄	♃	♂	♀	☿	☽ Lat
	♐	♈	♏	♑	♑	♐	
			18	18	10	26	5 S
1	11	25	18	18	10	26	5 S
7	17	24	19	23	18	♑ 4	1 N
13	23	24	21	28	25	14	5 N
19	29	24	22	♒ 2	♒ 2	16	0 N
25	♑ 5	24	23	7	10	19	5 S

M D	W D	Remarkable Days Aspects weather &c	☉ rise	☉ Set	☽ Long.	☽ rises	☽ South	☽ Age
1	7	⚹ ♃ ♂	7..16	4..44	3..15..55	7..55	14..58	17
2	G	Advent Sunday	7..17	4..43	3..27..45	8..43	15..43	18
3	2		7..18	4..42	4..9..36	9..38	16..30	19
4	3	Sirius rise 8..48	7..18	4..42	4..21..29	10..30	17..15	20
5	4		7..19	4..41	5..3..28	11..25	17..59	21
6	5	pleades South 10..42	7..19	4..41	5..15..37	12..23	18..43	22
7	6		7..20	4..40	5..27..58	13..21	19..28	23
8	7	⚹ ♃ ♀ Conception of V. Mary	7..20	4..40	6..10..34	14..24	20..14	24
9	G	2nd. Sunday in Advent	7..20	4..40	6..23..26	15..23	21..3	25
10	2		7..21	4..39	7..6..40	16..29	21..55	26
11	3	Arcturus rise 1..44	7..21	4..39	7..20..12	17..35	22..47	27
12	4		7..21	4..39	8..4..5[illegible]	[illegible]	23..45	28
13	5	☿ great elongation 20..39	7..21	4..39	8..18..[illegible]	Sets	☌	☽
14	6	△ ☉ ♄	7..22	4..38	9..2..40	5..41	0..44	1
15	7		7..22	4..38	9..17..19	6..36	1..39	2
16	G	3d. Sunday in Advent	7..22	4..38	10..2..0	7..38	2..38	3
17	2	Days 9..16	7..22	4..38	10..16..42	8..39	3..37	4
18	3		7..22	4..38	11..1..19	9..53	4..27	5
19	4	☌ ♂ ♀	7..22	4..38	11..15..44	11..5	5..25	6
20	5	Shortes Day	7..22	4..38	11..29..54	12..13	6..16	7
21	6	St. Thomas, ☉ enters ♑	7..22	4..38	0..13..45	13..22	7..5	8
22	7		7..[illegible]	4..38	0..27..19	14..23	7..52	9
23	G	4th. Sunday in Advent	7..22	4..38	1..10..17	15..20	8..42	10
24	2		7..22	4..38	1..23..22	16..19	9..31	11
25	3	Christmas Day	7..22	4..38	2..5..57	17..15	10..19	12
26	4	St Stephen	7..22	4..38	2..18..17	18..9	11..6	13
27	5	St John	7..22	4..38	3..0..26	☍	11..54	14
28	6	Innocents	7..21	4..39	3..12..24	rises	12..42	15
29	7		7..21	4..39	3..24..18	6..30	13..30	16
30	G	1st Sunday past Christmas	7..21	4..39	4..6..8	7..18	14..14	17
31	2	Silvester	7..20	4..40	4..17..59	8..10	14..58	18

1793 January the first day at noon, ~~the t~~ we find the Suns Longitude at Meredian of Greenwich to be 9s. 11°. 39′ and as his mean motion is 59′.8″ Difference between the Meredian of Greenwich and that of the Federal District is 5 hours west Longitude, we must say by trigonometry As 24 hours in time is to 59′.8″ to 12 7/24 minutes motion, which must be added to the Greenwich ~~time to me it agree~~ Longitude, to make it right at the Federal district

1793 Suns Long January	Logarithm of Suns distance from Earth	1793 Suns Long. July	Logarithm sun from Earth
s ° ′			
1—9..11..50	4.992593	1—3..10..12	5.007285
7—9..17..59	4.992663	7—3..15..52	5.007235
13—9..24..6	4.992818	13—3..21..37	5.007134
19—10..0..13	4.993055	19—3..27..21	5.006943
25—10..6..18	4.993369	25—4..3..5	5.006681
February	Logarithm	August	Logarithm
1—10..13..24	4.993831	1—4..9..46	5.006284
7—10..19..29	4.994302	7—4..15..30	5.005872
13—10..25..33	4.994836	13—4..21..16	5.005397
19—11..1..36	4.995427	19—4..27..2	5.004863
25—11..7..38	4.995959	25—5..2..50	5.004275
March	Logarithm	Septemb.	Logarithm
1—11..11..38	4.996405	1—5..9..36	5.003531
7—11..17..38	4.997106	7—5..15..26	5.002849
13—11..23..37	4.997837	13—5..21..17	5.002134
19—11..29..35	4.998590	19—5..27..8	5.001518
25—0..5..32	4.999354	25—6..3..1	5.000762
April	Logarithm	October	Logarithm
1—0..12..26	5.000252	1—6..8..56	4.999995
7—0..18..19	5.001016	7—6..14..51	4.999227
13—0..24..12	5.001767	13—6..20..48	4.998463
19—1..0..3	5.002495	19—6..26..46	4.997714
25—1..5..52	5.003194	25—7..2..45	4.996987
May	Logarithm	November	Logarithm
1—1..11..44	5.003749	1—7..9..45	4.996180
7—1..17..32	5.004377	7—7..15..47	4.995531
13—1..23..18	5.004956	13—7..21..50	4.994932
19—1..29..5	5.005480	19—7..27..54	4.994387
25—2..4..50	5.005946	25—8..3..59	4.993904
June	Logarithm	December	Logarithm
1—2..11..32	5.006408	1—8..10..3	4.993555
7—2..17..17	5.006730	7—8..16..8	4.993201
13—2..23..0	5.006980	13—8..22..14	4.992926
19—2..28..44	5.007158	19—8..28..21	4.992731
25—3..4..6	5.007260	25—9..4..29	4.992618

1793 April 24th ♄ bec[...] Orient, the Anomally [...] mutation being less tha[n] ☌ ☉ ♄.

November 3d ☍ ☉ ♄ Or[...] the Anomally of Comm[...] being more than 6 Sign[s]

1793 May 18th ☍ ☉ ♃ the Anomally of Com[...] at that time arising [...] that 6 Signs

December 4th Day [...] Oriental, the Anom[...] of Commutation [...] than 6s = 180°

1793 May 13 ☌ ☉ ♂ the Anomally of Com[...] on being less than 6s = 18[0]

1793 May 28 ☌ ☉ ♀ the Anomally of [...] tion being greater [...] 6s = 180°

NB ♀ greatest elongat[ion] Feb. 22, and in the [...] Character or Quadrant

♀ greatest enlongation [...] 5th in the oriental [...]

1793 January 1st day [...] Oriental, the Anoma[lly of Com]mutation being grea[ter] 6s = 180°

☿ greatest elongation [Janu]ary 22d. day, in the or[iental] Quadrant

1793 January First Month 31 Days

	D	H	M	
Last Q:	5	6	0	Morn
New ☽	12	4	29	Morn
First Q.	18	11	4	Aft
Full ○	26	11	4	Aft

☊ { 1 ♍ 19, 11 18, 21 17 } Deg.

Planets Places

D	☉	♄	♃	♂	♀	☿	☽ Lat.
	♑	♈	♏	♒	♒	♑	
1	12	24	25	12	18	12	2 S.
7	18	24	26	17	25	4	4 N
13	24	24	27	22	♓ 3	4	3 N
19	♒ 0	25	28	27	10	6	4 S
25	6	25	29	♓ 1	17	12	4 S

M D	W D	Remarkable Days Aspects, weather, &c	☉ rise	☉ Set	☽ Long	☽ rise	☽ South	☽ Age
					s ° ′			
1	3	Circumcision ☌ ☉ ☿ Orient	7..20	4..40	5..0..28	8..58	15..44	19
2	4	Days increase 4 m.	7..20	4..40	5..11..56	9..55	16..27	20
3	5	♄ Stationary	7..20	4..40	5..24..6	10..53	17..12	21
4	6	pleiades South 8..33	7..19	4..41	6..6..29	11..48	17..57	22
5	7		7..19	4..41	6..19..20	12..48	18..43	23
6	F	Epiphany	7..18	4..42	7..2..22	13..48	19..33	24
7	2		7..18	4..42	7..15..29	15..0	20..25	25
8	3	Sirius South 11..16	7..17	4..43	7..29..25	16..5	21..23	26
9	4		7..17	4..43	8..13..25	17..7	22..17	27
10	5	Arcturus rise 11..26	7..16	4..44	8..26..53	18..8	23..15	28
11	6	Spica ♍ rise 12..16	7..15	4..45	9..12..14			29
12	7		7..15	4..45	9..26..54	sets	☌ 12	☽
13	F	1st. Sund. past Epiphany	7..14	4..46	10..11..36	6..32	1..10	1
14	2		7..13	4..47	10..26..32	7..42	2..10	2
15	3	Bulls eye South 8..34	7..13	4..47	11..10..48	8..54	3..4	3
16	4	Days 9..36	7..12	4..48	11..25..6	9..57	3..55	4
17	5		7..11	4..49	0..9..9	11..6	4..47	5
18	6	pleiades South 7..32	7..10	4..50	0..22..52	12..8	5..36	6
19	7	□ ♃ ♂	7..10	4..50	1..6..15	13..13	6..26	7
20	F	2d. Sun. past Epiphany ☉ enters ♒	7..9	4..51	1..19..20	14..13	7..15	8 r
21	2	Agnes	7..8	4..52	2..2..5	15..13	8..3	9 r
22	3	☿ great Elong.	7..7	4..53	2..14..34	16..10	8..53	10 r
23	4		7..6	4..54	2..26..49	17..0	9..43	11
24	5	Days increase 34 min.	7..5	4..55	3..8..48	17..47	10..30	12 r
25	6	Conver: St. paul	7..4	4..56	3..20..45		11..15	13
26	7	Spica ♍ rise 11..11	7..3	4..57	4..2..36	rise	12..3	14
27	F	Septuagesima Sunday	7..2	4..58	4..15..20	5..49	12..48	15
28	2		7..1	4..59	4..26..19	6..40	13..31	16
29	3	Arcturus rise 10..5	7..0	5..0	5..8..18	7..34	14..13	17
30	4		6..59	5..1	5..20..25	8..30	14..59	18
31	5	Sirius South 9..39	6..58	5..2	6..2..29	9..25	15..40	19

1793 March 11th Day ☌ ☉ ☿ Occident, the Annomally of Commutation less than 6s. or 180° ^april 7 days ☿ great Elong in the occident Quadrant^ April 25 ☌ ☉ ☿ Oriental, the Annomally of Comm[utation] being greater than 6s or 180°. May 25th day is ☿ greatest elongation in the O[riental] Quadrant. (NB that on the 25th of April at the conjunction the Sun is distan[t from] Mercury's ☿ ascending Node 8°)

1793 June 25 day ☌ ☉ ☿ Occidental, the Anomally of Commutasion being 6s or 180°. August 1st day is ☿ greatest elongation in the Occidental Quadra[nt] August 31st day, ☌ ☉ ☿ Oriental the Annomally of Commutation being g[reater than] 6s or 180°. September the 16th day is ☿ greatest elongation in the Oriental Quadra[nt]

1793 October 13th day ☌ ☉ ☿ occident, the Anomally of Commutation being l[ess than] 6s or 180°. November the 26th day is ☿ greatest elongation in the Occidental [Quadrant]

Common Notes and moveable feasts for year of our Lord 1793

Dominical Letter	F	Easter Sunday	March 31
Cycle of the Sun	10	Ascension Day	May 9
Golden Number	8	Whitsunday	May 19
Epact	17	Trinity Sunday	May 26
Number of Direction	10	Advent Sunday	December 1

1793 The first Eclips is of the moon Feb 25 at 55 min. past 5 Aft
The Second is of the Sun March 12 at 8 min past 1 in Morn
Third is of the moon August 21. ~~afternoon~~ at 37 past 9 Mo[rn]
The fourth is of the Sun September 5th at 49 min. ~~past~~ past 6 m[orn]

The Elements for Constructing an Eclips of the moon February 1793

	D H M
True time of full Moon in February 1793	25 .. 5 .. 55 PM

	° ′ ″
Moons Horizontal paralax	0 .. 54 .. 55
Sun's Semidiameter	0 .. 16 .. 21
Moon's Semidiameter	0 .. 14 .. 59
Semediameter of the Earths Shadow at the Moon	0 .. 38 .. 44
Moons true Latitude S. Ascending	0 .. 39 .. 32
Angle of her visible path with Ecliptic	5 .. 35 .. 0
Her true horary Motion from the Sun	0 .. 28 .. 2

The Suns true [place] ☊ is 5s 22.. And by the ad[ding] 6 Signs we ha[ve the] Moons distance [from] ☊ Viz 11s 2[2]

The above requisites for a visible Eclips of the Moon Feb 25 1793

	H M	
Beginning of the Eclips	4 .. 41 ½	PM
Middle of the Eclips	5 .. 59	
End of the Eclips	7 .. 17 ½	the Moon rises Eclipsd

Digits Eclipsed 5 4/5 from the South Side of the Earths Showdow

Duration 2 .. 36

13 February Second Month hath 28 Days

	D	H	M	
Last ☾	3	6	51	Aft
New ☽	10	2	58	Aft
First ☾	17	2	41	Aft
Full ○	25	5	55	Aft

☊			
1	♍	17	Deg.
11		16	
21		16	

Planets Places

☽	☉	♄	♃	♂	♀	☿	☽ Lat
	♒	♈	♏	♓	♓	♑	
1	13	25	29	7	26	20	2 N
7	19	26	♐ 0	12	♈ 3	28	5 N
13	26	26	1	16	10	♒ 6	1 S
19	♓ 2	27	1	21	17	16	5 S
25	8	28	2	26	21	26	1 S

M D	W D	Remarkable Days Aspects weather &c.	☉ rise	☉ set	☽ Long.	☽ rise	☽ South	☽ Age
1	6	pleiades Sets 2..41	6 .. 57	5 .. 3	6..15..19	10 .. 18	16 .. 30	20
2	7	purification V. Mary	6 .. 56	5 .. 4	6..28..9	11 .. 25	17 .. 20	21
3	F	Arcturus rise 9..45	6 .. 55	5 .. 5	7..11..20	12 .. 35	18 .. 13	22
4	2		6 .. 54	5 .. 6	7..24..49	13 .. 44	19 .. 6	23
5	3	□ ♄ ☿	6 .. 53	5 .. 7	8..8..38	14 .. 50	20 .. 0	24
6	4	Days 10..16	6 .. 52	5 .. 8	8..22..46	15 .. 32	20 .. 59	25
7	5	Spica ♍ rise 10..27	6 .. 51	5 .. 9	9..7..9	16 .. 55	22 .. 2	26
8	6		6 .. 50	5 .. 10	9..21..44	17 .. 52	22 .. 59	27
9	7	Days increase 1..6	6 .. 49	5 .. 11	10..6..31	[illegible]	23 .. 56	28
10	F	Quinquagesima	6 .. 48	5 .. 12	10..21..32	Sets	☌	☽
11	2		6 .. 46	5 .. 14	11..5..48	6 .. 34	0 .. 50	1
12	3	Shrove Tuesday	6 .. 45	5 .. 15	11..20..16	7 .. 37	1 .. 38	2
13	4	Ash wednesday, ✱ ☉ ♄	6 .. 44	5 .. 16	0..4..28	8 .. 42	2 .. 31	3
14	5	Valentine	6 .. 43	5 .. 17	0..18..22	9 .. 49	3 .. 20	4
15	6		6 .. 42	5 .. 18	1..1..57	10 .. 54	4 .. 10	5
16	7	Sirius South 8..35	6 .. 40	5 .. 20	1..15..11	12 .. 1	5 .. 2	6
17	F	♀ Sets 9..11	6 .. 39	5 .. 21	1..28..6	~~12 .. 58~~	5 .. 52	7
18	2		6 .. 38	5 .. 22	2..10..45	13 .. 55	6 .. 41	8
19	3	☉ enters ♓	6 .. 36	5 .. 24	2..23..7	14 .. 49	7 .. 32	9
20	4	pleiades Sets 12..42	6 .. 35	5 .. 25	3..5..17	15 .. 40	8 .. 18	10
21	5		6 .. 34	5 .. 26	3..17..16	16 .. 25	9 .. 8	11
22	6	♀ great Elong.	6 .. 33	5 .. 27	3..29..3	17 .. 3	9 .. 53	12
23	7		6 .. 32	5 .. 28	4..11..2	17 .. 41	10 .. 39	13
24	F	St. Matthius	6 .. 31	5 .. 29	4..22..49		11 .. 27	14
25	2	~~✱ ♂ ☿~~ ☽ Eclipsed visible	6 .. 30	5 .. 30	5..4..45	rise	12 .. 9	15
26	3	✱ ♄ ☿	6 .. 28	5 .. 32	5..16..46	6 .. 23	12 .. 52	16
27	4		6 .. 27	5 .. 33	5..28..58	7 .. 27	13 .. 39	17
28	5	Days 11..8	6 .. 26	5 .. 34	6..11..23	8 .. 31	14 .. 23	18

Venus (♀) Will be evening Star untill the Twenty eighth day of May, and morning Star from that time untill the end of the year

On the night of the fifth of December 1791, Being a deep Sleep, I dreamed that I was [illegible]
public Company, one of them demanded of me the limits Rasannah Orandophs Soul [illegible]
play itself in, after it departed from her Body and taken its flight. In answer I [illegible]
that he shew me the place of Beginning "thinking it like making a Survey on Land [illegible]
plyd I cannot inform you but there is a man about three days Jorney from Hence [illegible]
satisfy your demand, I forthwith went to the man and requested of him to inform me [illegible]
of the limits that Rasannah Orandophs Soul had to display its self in, after the Separation [illegible]
her Body; who gave me for answer, the Vernal Equinox,
When I returned I found the Company together and I was able to Solve their Doubts by [illegible]
them the following answer Quincunx.

Fergusons Arts and Sciences page 27.

In the Calculation of New and full moons it is to be observed that when the Sun [illegible] from the Anbibazon or North Node of the moon's obit, is more than 11 Signs, 18 degrees [illegible] time the Sun will be Eclipsed at that time. And when the Sun's distance from [illegible] is less than 0 Signs, 12 degrees ~~to~~ or any thing between 5 Signs 18 degrees, and [illegible] 12 degrees, at the time of full moon, the moon will be Eclipsed at that time

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The Elements for Constructing an Eclips of the Sun March 1793

	D H M
True time of New Moon in March 1793	12..1..6 Morn
Semidiameter of the Earths Disc	0..60..36
Suns Distance from the nearest Solstice	82..0..0
Suns Declination South	3..11..0
Moons Latitude South Descending	0..39..25
Moons Horary motion from the Sun	0..34..57
Angle of the Moons visible path with Eclip	5..35..0
	0..16..19
Suns Semidiameter	0..16..38
Moons Semidiameter	0..32..57
Semidiameter of the penumbra	

These [illegible] taken [illegible]

March Third Month hath 31 Days

	D	H	M	
Last ☾	5	5	8	Morn
New ☽	12	1	8	Morn
First ☾	19	6	0	Morn
Full ○	27	10	32	Morn

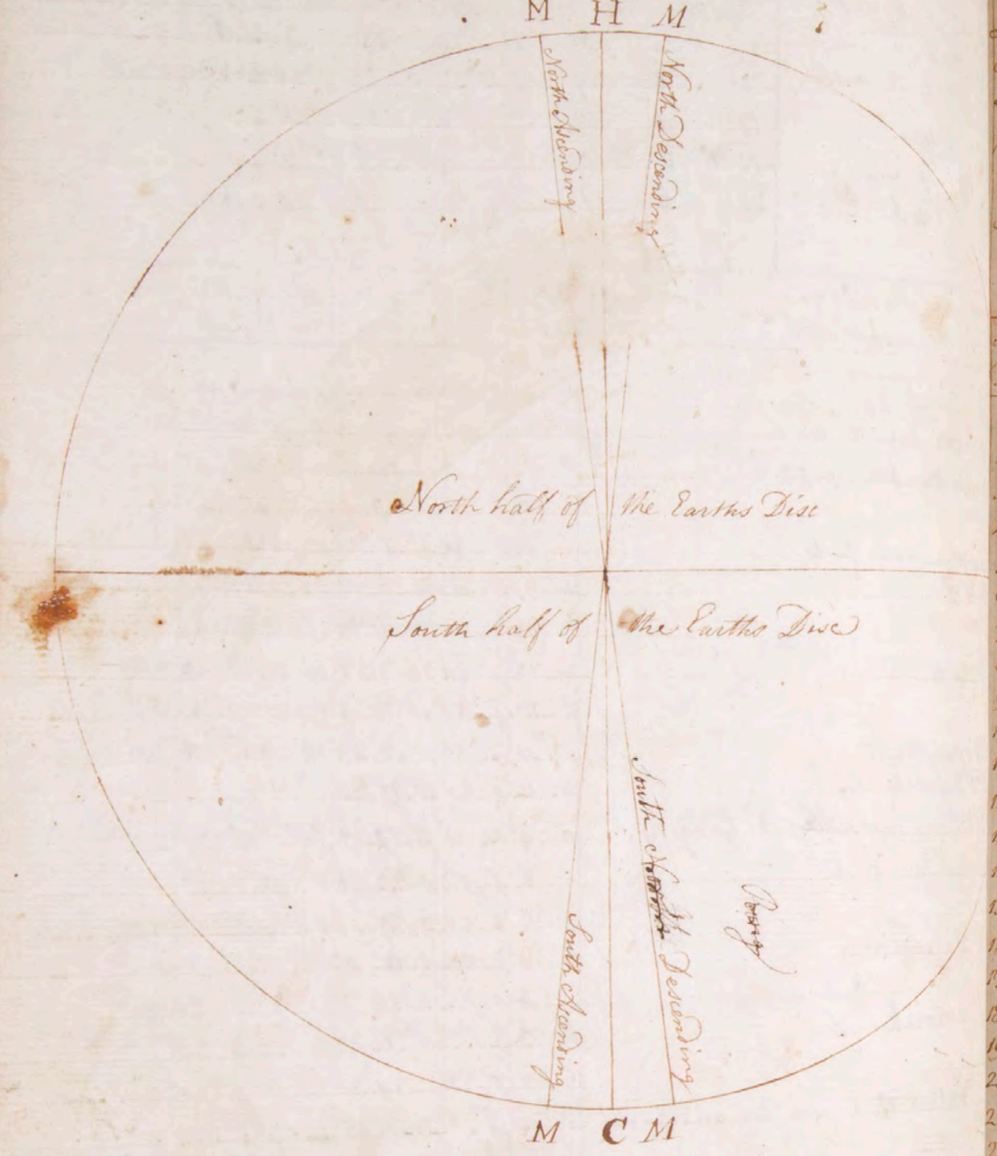
☊ { 1 ♍ 15, 11 ♍ 15, 21 ♍ 14 } Deg.

Planets Places

D	☉	♄	♃	♂	♀	☿	☽ Lat
	♓	♈	♐	♓	♈	♓	
1	12	28	2	29	25	3	3 N
7	18	29	2	♈ 3	♉ 2	14	4 N
13	24	29	2	8	8	26	2 S
19	♈ 0	♉ 0	2	13	14	♈ 7	5 S
25	6	1	2	17	20	20	0 N

M D	W D	Remarkable Days Aspects weather &c.	☉ rise	☉ set	☽ Long.	☽ rise	☽ South	☽ Age
1	6	St. David	6..24	5..36	6..24..3	9..33	15..9	19
2	7	pleiades Sets 12..0	6..23	5..37	7..7..4	10..35	16..2	20
3	F	pegasi Alge. Sets 7..53	6..22	5..38	7..20..22	11..37	16..55	21
4	2		6..21	5..39	8..4..1	12..39	17..48	22
5	3	Days increase 2..6	6..19	5..41	8..17..59	13..41	18..48	23
6	4	△♃♂	6..17	5..43	9..2..14	14..40	19..47	24
7	5		6..16	5..44	9..16..29	15..40	20..45	25
8	6	Days 11..32	6..14	5..46	10..1..21	16..34	21..44	26
9	7		6..13	5..47	10..16..4	17..21	22..43	27
10	F	♃ rise 11..53	6..12	5..48	11..0..45	18..0	23..36	28
11	2	☌☉☿ Occident.	6..11	5..49	11..15..20			29.
12	3	☉ eclipsed invisible. St. Gregery	6..9	5..51	11..29..29	Sets	☌ 29	☽
13	4	Sirius Sets 12..6	6..8	5..52	0..13..29	7..39	1..17	1
14	5		6..7	5..53	0..27..27	8..49	2..10	2
15	6	♃ Stationary	6..6	5..54	1..11..0	9..52	3..1	3
16	7		6..4	5..56	1..24..3	10..53	3..51	4
17	F	St. patrick	6..3	5..57	2..6..49	11..52	4..39	5
18	2		6..2	5..58	2..19..32	12..47	5..30	6
19	3	☉ enters ♈ Equal Day and Night	6..0	6..0	3..1..37	13..38	6..21	7
20	4		5..59	6..1	3..13..41	14..25	7..7	8
21	5	Benedict	5..58	6..2	3..25..39	15..8	7..58	9
22	6	Bulls eye Sets 11..13	5..57	6..3	4..7..31	15..49	8..43	10
23	7		5..55	6..5	4..19..21	16..27	9..28	11
24	F	Days 12..12	5..54	6..6	5..1..12	16..59	10..12	12
25	2	Annunciation of V. Mary	5..53	6..7	5..13..10	17..31	10..58	13
26	3		5..52	6..8	5..26..16		11..43	14
27	4	Algol South 2..30	5..50	6..10	6..7..32	rises	12..26	15
28	5		5..49	6..11	6..20..4	7..17	13..12	16
29	6	~~Arietis Sets 8..42~~ Good Fryday	5..48	6..12	7..2..53	8..18	13..58	17
30	7	Arietis Sets 8..46	5..46	6..14	7..16..1	9..26	14..51	18
31	F	Easter Sunday	5..45	6..15	7..29..27	10..32	15..50	19

The lines Drawn on each side the Ecliptic Shew how to lay the Axes of the Globe
in its four different positions, on each side the Ecliptic



1793 April Fourth Month hath 30 Days

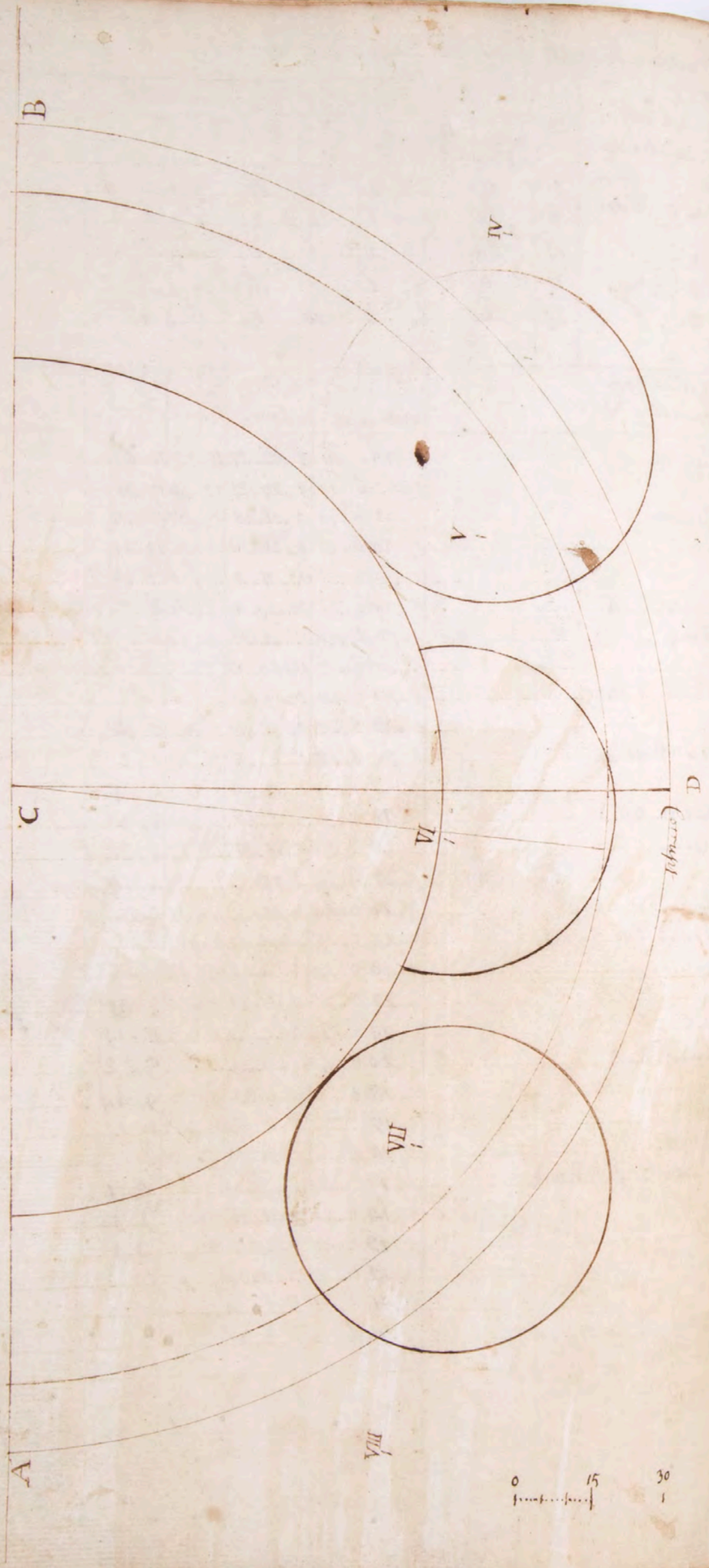
	D	H	M	
Last ☽	3	4	48	Aft
New ☽	10	11	26	Morn
First ☽	18	0	0	Morn
Full ☉	26	0	9	Morn

☊ 1 ♍ 14 / 11 ♍ 13 / 21 13 } Deg.

Planets Places

D	☉	♄	♃	♂	♀	☿	☽
	♈	♉	♐	♈	♉	♉	Lat.
1	12	2	2	22	27	0	5 N
7	18	2	1	26	♊ 2	8	0 N
13	24	3	1	♉ 1	6	10	5 S
19	♉ 0	4	0	5	10	10	2 S
25	6	5	0	10	13	6	4 N

M	W	D	Remarkable Days Aspects weather &c	☉ rise	☉ Set	☽ Long.	☽ rise	☽ South	☽ Age
1	2		Days 12..32 m.	5..44	6..16	8..13..17	11..37	16..47	20
2	3			5..43	6..17	8..27..23	12..39	17..46	21
3	4		pleiades Sets. 10..7	5..41	6..19	9..11..28	13..37	18..44	22
4	5		St. Ambrose	5..40	6..20	9..26..20	14..32	19..46	23
5	6			5..39	6..21	10..11..0	15..24	20..42	24
6	7		Days increase 3..4	5..38	6..22	10..25..42	16..4	21..36	25
7	F		☿ great Elong	5..36	6..24	11..10..31	16..43	22..32	26
8	2			5..35	6..25	11..24..48	17..20	23..23	27
9	3		Regulus South 8..43	5..34	6..26	0..9..3			28
10	4			5..33	6..27	0..22..59	Sets	6..14	☽
11	5		Spica ♍ South 11..55	5..32	6..28	1..6..36	7..49	1..2	1
12	6			5..30	6..30	1..19..54	8..52	1..54	2
13	7		Eagle rise 11..43	5..29	6..31	2..2..52	9..53	2..43	3
14	F		Days 13..4	5..28	6..32	2..15..31	10..50	3..33	4
15	2			5..27	6..33	2..27..55	11..41	4..24	5
16	3		☿ South 2..21	5..26	6..34	3..10..6	12..31	5..14	6
17	4		pegasi Markab rise 2..26	5..25	6..35	3..22..7	13..18	6..1	7
18	5			5..23	6..37	4..4..1	13..58	6..46	8
19	6			5..22	6..38	4..15..50	14..36	7..35	9
20	7		☉ enters ♉	5..21	6..39	4..27..40	15..10	8..19	10
21	F		Days increase 4..4	5..20	6..40	5..9..35	15..41	9..2	11
22	2			5..18	6..42	5..21..35	16..9	9..44	12
23	3		St. George	5..17	6..43	6..3..46	16..41	10..29	13
24	4		☌ ☉ h Orient.	5..16	6..44	6..16..10	17..38	11..15	14
25	5		☌ ☉ ☿ Orient. St. Mark	5..15	6..45	6..28..49		12..1	15
26	6			5..14	6..46	7..11..46	rise	12..52	16
27	7			5..13	6..47	7..25..2	8..23	13..45	17
28	F		Bulls Eye Sets 8..57	5..12	6..48	8..8..39	9..30	14..40	18
29	2			5..11	6..49	8..22..34	10..31	15..38	19
30	3		pegasi Algenib rise 2..48	5..10	6..50	9..6..48	11..30	16..37	20



93 e May Fifth Month hath 31 Days

	D	H	M	
Last	☽	2	11	12 Aft
New	☽	9	10	22 Aft
First	☽	17	6	0 After
Full	○	25	10	56 Morn

☊ 1 12 / 11 ♍ 12 / 21 11 } Deg.

Planets Places

D	☉	♄	♃	♂	♀	☿	☽ Lat.
	♉	♉	♍	♉	♊	♉	
1	12	6	29	15	15	2	4 N
7	18	7	28	19	15	1	3 S
13	23	7	28	23	15	2	5 S
19	29	8	27	27	12	3	1 N
25	♊ 5	9	26	♊ 2	9	9	5 N

M D	W D	Remarkable Days Aspects weather &c	☉ rise	☉ Set	☽ Long.	☽ rises	☽ South	☽ Age
1	A	St. philip and James	5 .. 9	6 .. 51	9 .. 21 .. 17	12 .. 28	17 .. 35	21
2	5	☿ Sets 9 .. 40	5 .. 8	6 .. 52	10 .. 5 .. 54	13 .. 18	18 .. 32	22
3	6	Spicā ♍ South 10 .. 33	5 .. 7	6 .. 53	10 .. 20 .. 36	14 .. 6	19 .. 31	23
4	7	☿ Stationary	5 .. 5	6 .. 55	11 .. 5 .. 32	14 .. 45	20 .. 23	24
5	F	Rogation Sunday	5 .. 4	6 .. 56	11 .. 19 .. 54	15 .. 21	21 .. 15	25
6	2	St. John Evangelist	5 .. 3	6 .. 57	0 .. 4 .. 17	15 .. 56	22 .. 8	26
7	3	pleiades Sets 7 .. 57	5 .. 2	6 .. 58	0 .. 18 .. 22	16 .. 36	23 .. 1	27
8	4		5 .. 1	6 .. 59	1 .. 2 .. 10	17 ..	23 .. 53	28
9	5	Ascension Day	5 .. 0	7 .. 0	1 .. 15 .. 38	Sets	♂	☽
10	6		4 .. 59	7 .. 1	1 .. 28 .. 47	7 .. 48	0 .. 42	1
11	7	Days 14 .. 4	4 .. 58	7 .. 2	2 .. 11 .. 36	8 .. 45	1 .. 31	2
12	F		4 .. 58	7 .. 2	2 .. 24 .. 7	9 .. 39	2 .. 22	3
13	2	♂ ☉ ♀ Orient.	4 .. 57	7 .. 3	3 .. 6 .. 26	10 .. 29	3 .. 12	4
14	3		4 .. 56	7 .. 4	3 .. 18 .. 29	11 .. 17	4 .. 0	5
15	4	Days increase 4 .. 54	4 .. 55	7 .. 5	4 .. 0 .. 29	11 .. 57	4 .. 47	6
16	5	Arcturus South 10 .. 32	4 .. 54	7 .. 6	4 .. 12 .. 20	12 .. 33	5 .. 31	7
17	6		4 .. 53	7 .. 7	4 .. 24 .. 10	13 .. 10	6 .. 15	8
18	7	☌ ☉ ♃ Occident	4 .. 52	7 .. 8	5 .. 6 .. 1	13 .. 40	7 .. 0	9
19	F	Whitsunday. ☌ ♃ ♂	4 .. 52	7 .. 8	5 .. 17 .. 58	14 .. 10	7 .. 45	10
20	2	☉ enters ♊	4 .. 51	7 .. 9	6 .. 0 .. 3	14 .. 42	8 .. 27	11
21	3	Alphard Sets 10 .. 58	4 .. 50	7 .. 10	6 .. 12 .. 19	15 .. 17	9 .. 12	12
22	A	Cēti rise 4 .. 49	4 .. 49	7 .. 11	6 .. 24 .. 50	15 .. 50	9 .. 58	13
23	5		4 .. 48	7 .. 12	7 .. 7 .. 36	16 .. 22	10 .. 43	14
24	6	Lyra South 2 .. 29	4 .. 48	7 .. 12	7 .. 20 .. 42		11 .. 36	15
25	7	☌ ♄ ☿	4 .. 47	7 .. 13	8 .. 4 .. 8	rise	12 .. 29	16
26	F	Trinity Sunday	4 .. 46	7 .. 14	8 .. 17 .. 52	8 .. 21	13 .. 28	17
27	2		4 .. 46	7 .. 14	9 .. 1 .. 59	9 .. 14	14 .. 21	18
28	3	☌ ☉ ♀ Orient	4 .. 45	7 .. 15	9 .. 16 .. 12	10 .. 14	15 .. 24	19
29	4		4 .. 44	7 .. 16	10 .. 0 .. 44	11 .. 11	16 .. 21	20
30	5	Procyon Sets 9 .. 18	4 .. 44	7 .. 16	10 .. 15 .. 33	11 .. 55	17 .. 17	21
31	6	Arcturus South 9 .. 32	4 .. 43	7 .. 17	11 .. 0 .. 31	12 .. 35	18 .. 11	22

1793 There will be four Eclipses this year, to wit two of the Sun and two of the [Moon]
The first is of the Moon ^partly visible^ February the 25th. in the afternoon

	H	M	
Beginning of the Eclips	4	42	PM
Greatest obscuration	5	59	
End of the Eclips	7	18	
Total Duration	2	36	

Digits eclipsed $5\frac{2}{3}$ from the South Side of the Earths Shadow

NB The Moon rises $4\frac{3}{4}$ Digits Eclipsed

The Second is an Eclips of the Sun March the 12th at 8 minute past 10 Clo[ck]
Morning invisible in our part of the globe

The third is of the Moon August 21st. at 57 minutes past 9 in Morning invis[ible]

The fourth is of the Sun Sept. 5th in the Morning this Eclips is visible at Gre[enwich]
a very Small portion can be Seen by us; the western of the Moon abandons the [limb]
of the Sun 7 minute after Sun rise

June Sixth Month hath 30 Days

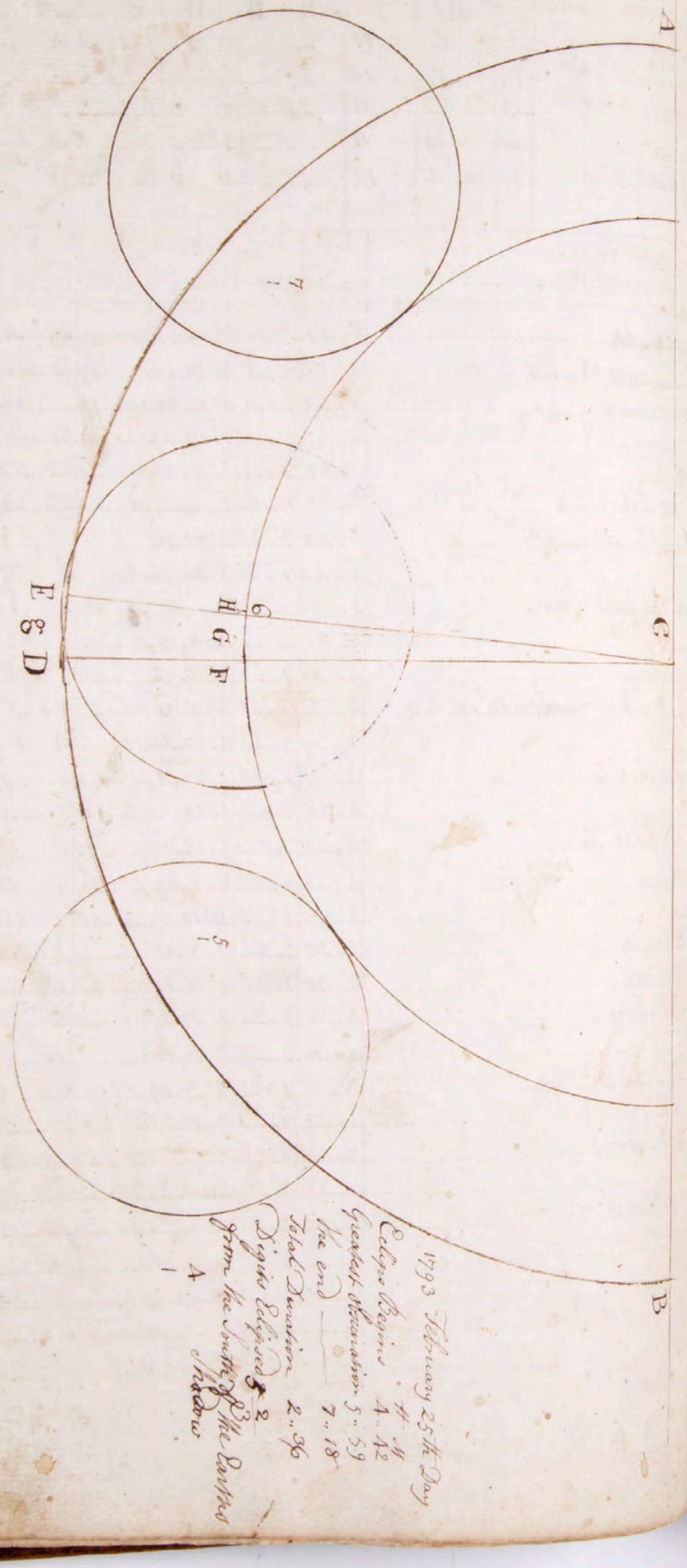
	D	H	M	
Last ☾	1	5	8	Morn
New ☽	8	10	26	Morn
First ☽	16	10	0	Morn
Full ○	23	7	26	Aft
Last ☾	29	8	10	Aft

☊ { 1 ♍ 11, 11 ♍ 10, 21 ♍ 9 } Deg.

Planets Places

D	☉		♄	♃	♂	♀	☿	☽ Lat.
	♊		♉	♏	♊	♊	♉	
1		12	10	25	7	5	18	0 N
7		17	10	25	11	2	28	5 S
13		23	11	24	15	0	♊ 10	2 S
19		29	11	24	19	♉ 0	22	4 N
25	♋	4	12	23	23	0	♋ 5	3 N

W D	Remarkable Days Aspects weather &c.	☉ rise	☉ Set	☽ Long	☽ rise	☽ South	☽ Age
7	Days 14..34	4..43	7..17	11..14..55	13..13	19..4	23
F	1st Sund. past Trin.	4..42	7..18	11..29..25	13..47	19..56	24
2	Days increase 5..20	4..42	7..18	0..13..29	14..26	20..48	25
3		4..41	7..19	0..27..29	15..0	21..39	26
4	☍ ♃ ☿	4..41	7..19	1..11..20	15..41	22..32	27
5	Spica ♍ Sets 1..44	4..41	7..19	1..24..36	16..23	23..23	28
6	Arcturus South 9..3	4..40	7..20	2..7..36			29
7		4..40	7..20	2..20..33	Sets	☌ 19	☽
F	2d Sunday past Trin.	4..40	7..20	3..2..43	8..18	1..1	1
2		4..39	7..21	3..14..53	9..13	1..52	2
3	St. Barnabas	4..39	7..21	3..26..52	9..50	2..36	3
4	pegasi Markab ~~rise~~ rise 10..44	4..39	7..21	4..8..50	10..29	3..23	4
5		4..39	7..21	4..20..40	11..9	4..10	5
6	Arictis rise 1..6	4..39	7..21	5..2..31	11..44	4..57	6
7		4..38	7..22	5..14..23	12..6	5..34	7
F	3d Sund. past Trin.	4..38	7..22	5..26..23	12..37	6..15	8
2	St. Alban	4..38	7..22	6..8..29	13..15	7..0	9
3		4..38	7..22	6..20..29	13..40	7..46	10
4	♀ Stationary	4..38	7..22	7..3..13	14..12	8..32	11
5	☉ enters ♋	4..38	7..22	7..16..28	14..51	9..22	12
6	Longest Day	4..38	7..22	7..29..29	15..30	10..12	13
7		4..38	7..22	8..13..16		11..9	14
F	4th Sund. past Trin	4..38	7..22	8..27..14	rise	12..4	15
2	St. John Baptist	4..38	7..22	9..11..25	8..0	13..7	16
3	☌ ☉ ♀ Occident	4..38	7..22	9..25..52	8..57	14..7	17
4		4..38	7..22	10..10..32	9..51	15..5	18
5	Bulls eye rise 3..7	4..38	7..22	10..25..31	10..31	16..0	19
6		4..38	7..22	11..9..56	11..8	16..52	20
7	St. peter	4..39	7..21	11..24..29	11..43	17..45	21
F	5th Sund past Trin	4..39	7..21	0..8..54	12..27	18..39	22



3 July Seventh Month hath 31 Days

Planets Places

	D	H	M		☽	☉	♄	♃	♂	♀	☿	☽
					D	☉	h.	4	♂	m	II	II	☍	Lat.
New	☽	8	0	3	Morn		☍		♂	m	II	II	☍	Lat.
First	☽	16	2	0	Morn	1		10	13	23	27	3	18	4 S
Full	☉	23	2	47	Morn	7		16	14	23	☍ 1	6	29	4 S
Last	☽	29	6	51	Aft	13		22	14	23	5	9	♌ 9	1 N
						19		27	14	23	9	14	19	5 N
☊	1 / 11 / 21	♍	9 / 8 / 8		Deg.	25	♌	3	14	23	13	19	28	0 N

M D	W D	Remarkable Days Aspects weather &c	☉ rise	☉ Set	☽ Long	☽ rise	☽ South	☽ Age
1	2	Days Decrease 2 m.	4 . 39	7 . 21	0 . 23 . 0	12 . 59	19 . 28	23
2	3	Visitation of V. Mary	4 . 40	7 . 20	1 . 6 . 50	13 . 32	20 . 19	24
3	4		4 . 40	7 . 20	1 . 20 . 19	14 . 10	21 . 12	25
4	5	St. Martin	4 . 40	7 . 20	2 . 3 . 29	14 . 51	22 . 1	26
5	6	☌ ☉ h	4 . 41	7 . 19	2 . 16 . 21	15 . 39	22 . 56	27
6	7		4 . 41	7 . 19	2 . 28 . 53	16 . 24	23 . 41	28
7	F	6th Sund. past Trin.	4 . 42	7 . 18	3 . 11 . 13			29
8	2		4 . 42	7 . 18	3 . 23 . 18	Sets	♂ 27	☽
9	3	Lyra South 11 . 15	4 . 43	7 . 17	4 . 5 . 17	8 . 27	1 . 17	1
10	4		4 . 43	7 . 17	4 . 17 . 10	9 . 2	2 . 1	2
11	5	Days 14 . 32	4 . 44	7 . 16	4 . 29 . 0	9 . 36	2 . 45	3
12	6	♄ Stationary	4 . 44	7 . 16	5 . 10 . 50	10 . 6	3 . 30	4
13	7	☌ ♀ ☿	4 . 45	7 . 15	5 . 22 . 46	10 . 37	4 . 12	5
14	F	7th Sund. past Trin	4 . 45	7 . 15	6 . 4 . 50	11 . 8	4 . 48	6
15	2		4 . 46	7 . 14	6 . 17 . 5	11 . 39	5 . 34	7
16	3	Spica ♍ Sets 10 . 58	4 . 47	7 . 13	6 . 29 . 29	12 . 12	6 . 25	8
17	4		4 . 47	7 . 13	7 . 12 . 20	12 . 46	7 . 12	9
18	5	Arcturus Sets 1 . 25	4 . 48	7 . 12	7 . 25 . 24	13 . 26	8 . 4	10
19	6		4 . 49	7 . 11	8 . 8 . 48	14 . 10	8 . 57	11
20	7	Margaret	4 . 49	7 . 11	8 . 22 . 31	14 . 56	9 . 52	12
21	F	8th Sund. past Trin	4 . 50	7 . 10	9 . 6 . 35	15 . 44	10 . 51	13
22	2	Magdalene	4 . 51	7 . 9	9 . 20 . 55		11 . 49	14
23	3	☉ enters ♌	4 . 52	7 . 8	10 . 5 . 26	Rise	12 . 45	15
24	4	~~Dog Days begin~~	4 . 53	7 . 7	10 . 20 . 7	8 . 20	13 . 45	16
25	5	St. James	4 . 54	7 . 6	11 . 4 . 48	9 . 4	14 . 40	17
26	6	St. Anne	4 . 54	7 . 6	11 . 19 . 32	9 . 39	15 . 33	18
27	7		4 . 55	7 . 5	0 . 4 . 0	10 . 14	16 . 26	19
28	F	9th Sund past Trin	4 . 56	7 . 4	0 . 18 . 18	10 . 49	17 . 14	20
29	2	Days 14 . 0	4 . 57	7 . 3	1 . 2 . 17	11 . 27	18 . 9	21
30	3	~~Days 14 . 4~~ Dog Days begins	4 . 58	7 . 2	1 . 15 . 58	12 . 5	18 . 58	22
31	4	Days Decrease 42 m.	4 . 59	7 . 1	1 . 29 . 18	12 . 44	19 . 50	23

July 30 is the true time the Dog Days begins
for that morning ~~that Star~~ ♌ rises with the Sun
Sept. 5th Dog Days end

The Elements for the Construction of an Eclips of the Moon August 1793

	D	H	M	
True time of full Moon in August 1793	21	9	58	Morn

	°	′	″
Moons Horizontal Paralax	0	60	45
Suns Semidiameter	0	15	56
Moons Semidiameter	0	16	39
Semidiameter of the Earths Shadow at the Moon	0	44	59
Moons true Latitude North Descending	0	32	13
Angle of her visible path with the Ecliptic	5	35	0
Her true Horary Motion from the Sun	0	35	15

1793 August Eighth Month hath 31 Days

	D	H	M	
New ☽	6	2	53	Aft
First ☾	14	1	50	Aft
Full ○	21	9	57	Morn
Last ☾	28	6	28	Morn

{1 ♍ 7; 11 ♍ 7; 21 ♍ 6} Deg.

Planets Places

D	☉	♄	♃	♂	♀	☿	☽ Lat.
	♌	♉	♏	♋	♊	♍	
1	10	15	23	18	24	7	5 S
7	16	15	23	22	29	12	1 S
13	21	16	24	26	♋ 6	15	5 N
19	27	16	24	♌ 0	12	17	3 N
25	♍ 3	16	25	4	18	15	4 S

W D	Remarkable Days Aspects weather &c.	☉ rise	☉ Set	☽ Long.	☽ rise	☽ South	☽ Age
5	Lammas Day, ☿ great Elong.	5..0	7..0	2..12..19	13..31	20..45	24
6		5..1	6..59	2..25..2	14..18	21..35	25
7		5..2	6..58	3..7..32	15..4	22..22	26
F	10th Sund. past Trin.	5..3	6..57	3..19..40	15..50	23..7	27
2	☿ great Elong.	5..4	6..56	4..1..43		23..56	28
3	□☉♄ Transfiguration	5..5	6..55	4..13..38	Sets	☌	☽
4		5..6	6..54	4..25..32	7..34	0..40	1
5	△♃♂	5..7	6..53	5..7..19	8..5	1..21	2
6		5..8	6..52	5..19..8	8..36	2..3	3
7	St. Lawrence	5..9	6..51	6..1..8	9..10	2..46	4
F	11th Sund. past Trin.	5..10	6..50	6..13..19	9..45	3..30	5
2		5..11	6..49	6..25..29	10..21	4..16	6
3	Arietis rise 9..5	5..12	6..48	7..8..17	10..58	5..5	7
4	[illegible]	5..13	6..47	7..21..11	11..36	5..54	8
5	Bulls eye rise 11..48	5..14	6..46	8..4..24	12..15	6..47	9
6	Days 13..30	5..15	6..45	8..17..56	12..58	7..41	10
7		5..16	6..44	9..1..51	13..47	8..40	11
F	12th Sund. past Trin.	5..18	6..42	9..16..1	14..42	9..[illegible]	12
2		5..19	6..41	10..0..27	15..47	10..37	13
3	Days Decrease 1..24	5..20	6..40	10..15..3		11..34	14
4	☽ Eclipsed	5..21	6..39	10..29..29	rise	12..28	15
5		5..22	6..38	11..14..28	7..35	13..24	16
6	☉ enters ♍	5..23	6..37	11..29..3	8..14	14..19	17
7	St. Bartholomew	5..24	6..36	0..13..32	8..52	15..10	18
F	13th Sund. past Trin.	5..26	6..34	0..27..39	9..28	16..4	19
2		5..27	6..33	1..11..32	10..3	16..56	20
3		5..28	6..32	1..25..2	10..42	17..49	21
4	St. Augustine	5..29	6..31	2..8..12	11..21	18..39	22
5	St. John Bapt. Beheaded	5..30	6..30	2..21..5	12..5	19..33	23
6		5..32	6..28	3..3..40	13..0	20..28	24
7	☌☉☿ Orient.	5..33	6..27	3..16..1	13..54	21..11	25

The Elements for the Construction of an Eclips of the Sun September 1793

	D H M
True time of New Moon in September 1793	5 .. 6 . 49 Morn
Semidiameter of the Earths Disc	0 .. 54 .. 37
Suns Distance from the nearest Solstice	73 .. 17 .. 0
Suns Declination North	6 .. 18 .. 0
Moons Latitude North Ascending	40 .. 27
Moons Horary Motion from the Sun	0 .. 27 .. 51
Angle of the Moons visible path with y Ecliptic	5 .. 35 .. 0
Suns Semidiameter	0 .. 15 .. 59
Moons Semidiameter	0 .. 14 .. 57
Semidiameter of the penumbra	0 .. 30 .. 56

The fourth is an Eclips of the Sun Sep: 4th in the morning

	H M	
Beginning of this Eclips	4 .. 12	AM
Greatest obscuration	5 .. 0	
End of the Eclips	5 .. 46	
Total Duration	1 .. 34	
Digits Eclipsed 5 1/5 on Suns N. Limb		

A very Small portion is this Eclips is Seen here the Eclips ends 7 minutes after Sun rise

93 September Ninth Month hath 30 Days

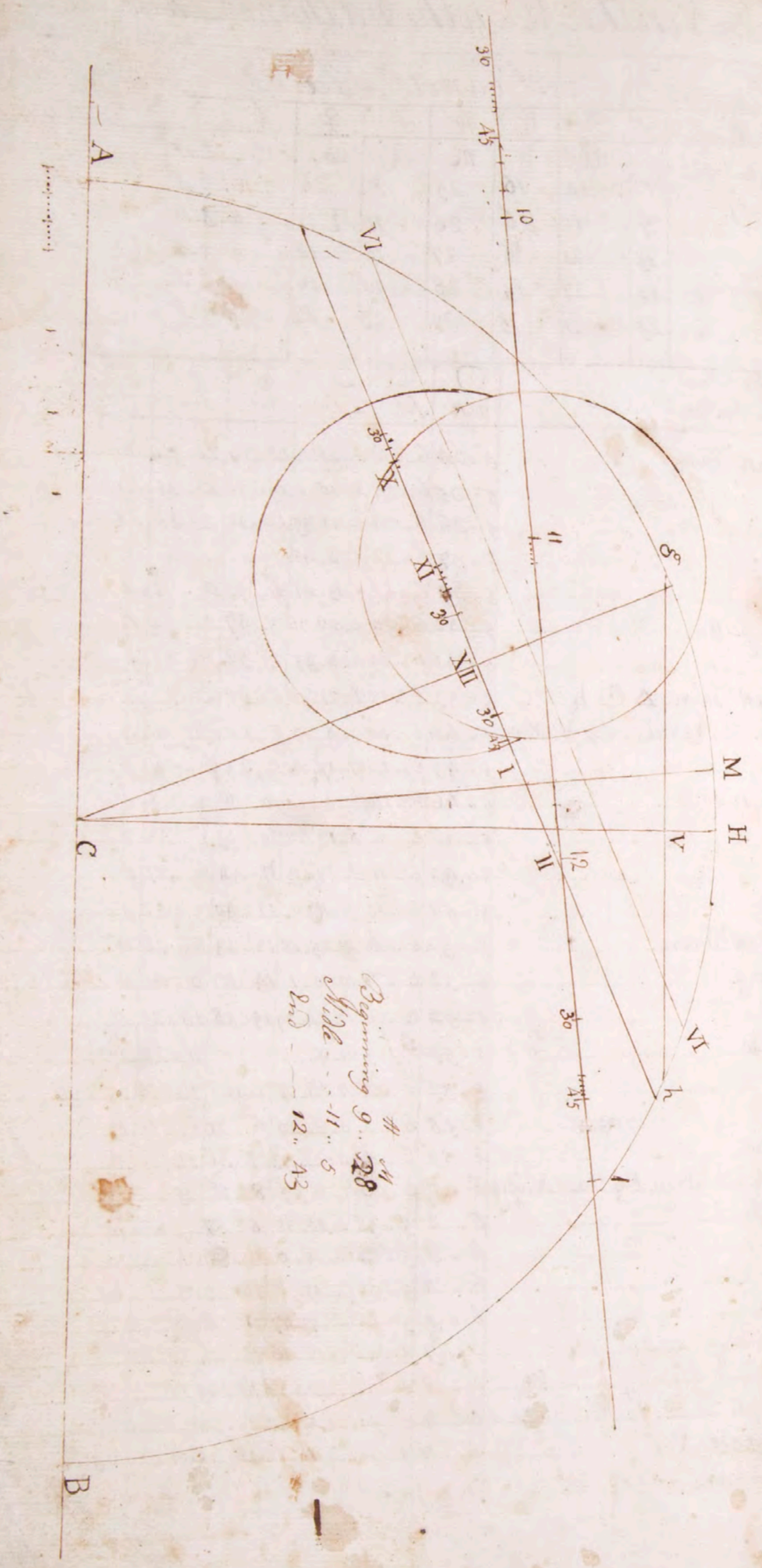
	D	H	M	
New ☽	5	6	49	Morn
First Q.	13	0	0	Morn
Full ○	19	5	54	Aft
Last Q.	26	8	0	Aft

1		6	Deg.
11	♍	5	
21		5	

Planets Places

☽	☉	♄	♃	♂	♀	☿	☽
	♍	♉	♏	♌	♋	♍	Lat.
1	10	16	25	8	26	8	3 S
7	15	16	26	11	♌ 3	4	3 N
13	21	16	27	15	10	4	5 N
19	27	15	28	19	16	9	2 S
25	♎ 3	15	29	23	23	20	5 S

M D	W D	Remarkable Days Aspects weather &c.	☉ rise	☉ set	☽ Long.	☽ rise	☽ South	☽ Age
1	F	14th Sund. past Trin.	5 .. 34	6 .. 26	3 .. 28 .. 0	14 .. 39	21 .. 56	26
2	2		5 .. 35	6 .. 25	4 .. 10 .. 5	15 .. 31	22 .. 41	27
3	3	Dog Days end	5 .. 36	6 .. 24	4 .. 21 .. 59	16 .. 30	23 .. 28	28
4	4		5 .. 38	6 .. 22	5 .. 3 .. 48			29
5	5	Sun Eclipsed.	5 .. 39	6 .. 21	5 .. 15 .. 41	Sets	0 .. 11	☽
6	6	pleiades rise 9 .. 11	5 .. 40	6 .. 20	5 .. 27 .. 36	7 .. 17	0 .. 55	1
7	7		5 .. 41	6 .. 19	6 .. 9 .. 35	7 .. 52	1 .. 37	2
8	F	15th Sund. past Trin. △ ☉ ♄	5 .. 43	6 .. 17	6 .. 21 .. 51	8 .. 17	2 .. 23	3
9	2	[Nativity V. Mary	5 .. 44	6 .. 16	7 .. 4 .. 19	8 .. 48	3 .. 8	4
10	3		5 .. 45	6 .. 15	7 .. 17 .. 4	9 .. 25	3 .. 56	5
11	4	Bulls eye rise 10 .. 9	5 .. 46	6 .. 14	8 .. 0 .. 6	10 .. 6	4 .. 48	6
12	5		5 .. 48	6 .. 12	8 .. 13 .. 28	10 .. 53	5 .. 43	7
13	6		5 .. 49	6 .. 11	8 .. 27 .. 9	11 .. 44	6 .. 37	8
14	7	□ ♄ ♂	5 .. 50	6 .. 10	9 .. 11 .. 11	12 .. 40	7 .. 37	9
15	F	16th Sund. past Trin.	5 .. 52	6 .. 8	9 .. 25 .. 28	13 .. 43	8 .. 36	10
16	2	☿ great Elong.	5 .. 53	6 .. 7	10 .. 10 .. 1	14 .. 47	9 .. 33	11
17	3		5 .. 54	6 .. 6	10 .. 24 .. 39	15 .. 58	10 .. 29	12
18	4	Days 12 .. 10	5 .. 55	6 .. 5	11 .. 9 .. 33		11 .. 22	13
19	5		5 .. 56	6 .. 4	11 .. 24 .. 4	rise	12 .. 18	14
20	6	✱ ☉ ♃	5 .. 58	6 .. 2	0 .. 8 .. 29	6 .. 59	13 .. 11	15
21	7	St. Matthew	5 .. 59	6 .. 1	0 .. 22 .. 53	7 .. 36	14 .. 5	16
22	F	17th Sund. past Trin. Eq. Day Night	6 .. 0	6 .. 0	1 .. 6 .. 57	8 .. 16	15 .. 0	[illegible]
23	2	☉ enters ♎	6 .. 2	5 .. 58	1 .. 20 .. 38	8 .. 57	15 .. 48	18
24	3		6 .. 3	5 .. 57	2 .. 4 .. 0	9 .. 39	16 .. 42	19
25	4	☌ ♂ ♀	6 .. 4	5 .. 56	2 .. 17 .. 2	10 .. 22	17 .. 37	20
26	5	St. Cyprian	6 .. 5	5 .. 55	2 .. 29 .. 47	11 .. 6	18 .. 25	21
27	6		6 .. 7	5 .. 53	3 .. 12 .. 16	11 .. 53	19 .. 14	22
28	7		6 .. 8	5 .. 52	3 .. 24 .. 29	12 .. 43	20 .. 2	23
29	F	18th Sund. past Trin. St. Michael	6 .. 9	5 .. 51	4 .. 6 .. 29	13 .. 35	20 .. 49	24
30	2	Days Decrease 3 .. 6	6 .. 11	5 .. 49	4 .. 18 .. 27	14 .. 31	21 .. 33	25



93 October Tenth Month hath 31 Days

	D	H	M	
New ☽	4	11	16	Aft
First ☾	12	8	34	Morn
Full ○	19	3	28	Morn
Last ☾	26	2	0	Aft

☊ { 1 ♍ 4 / 11 ♍ 4 / 21 ♍ 3 } Deg.

Planets Places

D	☉	♄	♃	♂	♀	☿	☽ Lat
	♎	♉	♐	♌	♍	♍	
1	9	15	0	27	0	29	0 S
7	15	14	1	♍ 1	7	♎ 10	5 N
13	21	14	2	4	15	20	3 N
19	27	13	3	7	22	♏ 1	4 S
25	♏ 3	13	4	10	♎ 1	10	4 S

M D	W D	Remarkable Days Aspects weather &c	☉ rise	☉ Set	☽ Long.	☽ rise	☽ South	☽ Age
1	3	□ ♃ ♀.	6..12	5..48	5..0..19	15..27	22..17	26
2	4	♃ Sets 8..7	6..13	5..47	5..12..9	16..23	23..3	27
3	5		6..14	5..46	5..24..1		23..45	28
4	6	Sirius rise 12..50	6..15	5..45	6..6..1	Sets	☌	☽
5	7		6..17	5..43	6..18..8	6..29	0..27	1
6	F	19th Sund. past Trin.	6..18	5..42	7..0..28	6..55	1..11	2
7	2	□ ♃ ♂	6..19	5..41	7..13..1	7..29	1..57	3
8	3		6..20	5..40	7..25..54	8..7	2..45	4
9	4	Days 11..16	6..22	5..38	8..9..5	8..48	3..38	5
10	5	pleades South 3..35	6..23	5..37	8..22..36	9..41	4..34	6
11	6		6..24	5..36	9..6..32	10..39	5..32	7
12	7	Arietis South 12..45	6..25	5..35	9..20..36	11..39	6..27	8
13	F	20th Sund. past Trin. ☌ ☉ ☿ Occident	6..27	5..34	10..5..0	12..43	7..26	9
14	2		6..28	5..32	10..19..36	13..52	8..23	10
15	3	Days Decrease 3..42	6..29	5..31	11..4..32	15..1	9..17	11
16	4		6..30	5..30	11..19..1	16..13	10..11	12
17	5	Arcturus Sets 7..46	6..32	5..28	0..3..43	17..19	11..7	13
18	6	St. Luke	6..33	5..27	0..18..4		12..1	14
19	7		6..34	5..26	1..2..15	rise	12..55	15
20	F	21st Sund. past Trin.	6..35	5..25	1..16..7	6..54	13..48	16
21	2		6..36	5..24	1..29..42	7..34	14..40	17
22	3	Days 10..44	6..38	5..22	2..12..55	8..16	15..30	18
23	4	☉ enters ♏	6..39	5..21	2..25..49	9..0	16..26	19
24	5		6..40	5..20	3..8..35	9..46	17..12	20
25	6	Crispin	6..41	5..19	3..20..47	10..36	18..2	21
26	7		6..42	5..18	4..2..57	11..33	18..47	22
27	F	22d Sund. past Trin	6..44	5..16	4..14..56	12..33	19..35	23
28	2	St. Simon and Jude	6..45	5..15	4..26..50	13..29	20..18	24
29	3		6..46	5..14	5..8..40	14..25	21..2	25
30	4	pleiades South 1..20	6..47	5..13	5..20..31	15..19	21..42	26
31	5	Days Decrease 4..20	6..48	5..12	6..2..26	16..9	22..29	27

True time of Moons Southing in Greenwich 1793

January	☽ South	☽ rise	February	☽ South	☽ rise	March	☽ South	☽ rise	April	☽ South	☽ rise
1 ♑ 27	15-32	8.6	1 ♓ 12	16-18	10.48	1 ♓ 21	14-54	9-34	1 ♐ 10	16-30	12-30
2 ♑ 9	16-15	9-32	2 25	17-5	11-55	2 ♈ 4	15-47	10-53	2 — 24	17-29	13-35
3 — 21	16-58	10-26	3 ♈ 8	17-57	13-9	3 — 17	16-43	12-12	3 ♍ 8	18-28	14-34
4 ♒ 3	17-43	11-x	4 22	18-54	14-29	4 ♐ 1	17-36	13-23	4 — 23	19-28	15-28
5 — 16	18-24		5 ♐ 6	19-48	15-41	5 — 15	18-36	14-42	5 ♎ 8	20-27	16-27
6 — 29	— 17		6 — 20	20-46	16-52	6 — 29	19-38	15-40	6 — 23	21-27	16-39
7 ♈ 12	20-20		7 ♍ 4	21-46	17-52	7 ♍ 13	20-33	16-39	7 ♓ 8	22-21	17-6
8 — 26	21-6		8 — 19	22-47	18-47	8 — 28	21-30	17-23	8 — 22	23-12	17-27
9 ♐ 10	22-4		9 ♎ 4	23-48		9 ♎ 13	22-29	17-58	9 ♈ 6	23-57	
10 — 24	23-3		10 — 19	6	Set	10 — 28	23-27	18-28	10 — 20	6	Set
11 ♍ 9			11 ♓ 3	0-41	5-51	11 ♓ 12			11 ♉ 4	0-50	17-56
12 — 24	6 4		12 — 17	1-34	7-6	12 — 26	0-11	Sets	12 — 17	1-44	9-13
13 ♎ 9	0-58		13 ♈ 1	2-16	8-16	13 ♈ 10	1-2	7-22	13 ♊ 0	2-31	10-18
14 — 24	1-58		14 — 15	3-9	9-39	14 — 24	1-54	8-39	14 — 13	3-21	11-18
15 ♓ 8	2-53		15 — 29	3-58	10-54	15 ♉ 8	2-46	9-58	15 — 25	4-12	12-18
16 — 22	3-44		16 ♉ 12	4-50	12-7	16 — 21	3-39	11-14	16 ♋ 7	5-0	13-6
17 ♈ 6	4-36		17 25	5-40	13-21	17 ♊ 4	4-27	12-20	18 ♌ 1	6-34	8 14-21
18 — 20	5-25		18 ♊ 8	6-29	14-29	18 — 17	5-19	13-25	19 — 13	7-21	14-37
19 ♉ 3	6-11		19 20	7-19	15-25	19 — 29	6-8	14-14	20 — 25	8-8	15-44
20 — 16	7-3		20 ♋ 2	8-5	16-11	20 ♋ 11	6-55	15-1	21 ♍ 7	8-51	15-36
21 — 29	7-51		21 14	8-51	16-57	21-23	7-42	15-42	22 — 19	9-37	15-57
22 ♊ 12	8-40		22 26	9-41	17-34	22 ♌ 5	8-31	16-12	23 ♎ 1	10-18	16-18
23 24	9-31		23 ♌ 8	10-27	18-2	23-16	9-16	16-39	24 — 13	11-2	16-37
24 ♋ 6	10-17		24 20	11-11		24-28	10-0	17-1	25 — 26	11-50	
25 — 18	11-7		25 ♍ 2	11-58	rise	25 ♍ 10	10-43	17-23	26 ♍ 9	12-41	rise
26 ♌ 0	11-51		26 14	12-41	6-11	26 23	11-32		27 — 22	13-33	9-8
27 12	12-36		27 26	13-23	7-13	27 ♎ 5	12-15	rise	28 ♐ 6	14-27	10-20
28 23	13-20		28 ♎ 8	14-8	8-23	28 — 17	13-0	7-35	29 — 20	15-26	11-32
29 ♍ 5	14-2					29 ♏ 0	13-48	8-46	30 ♑ 4	16-22	12-28
30 17	14-44					30-13	14-40	10-3			
31 29	15-29					31-26	15-32	11-13			

1793 # November Eleventh Month hath 30 Days

	D	H	M
New ☽	3	3	9 Aft
First ☌	10	8	0 Aft
Full ☉	17	3	24 Aft
Last ☌	25	8	0 Morn

☊ 1 2 / 11 ♍ 2 } Deg. / 21 1

Planets Places

D	☉	♄	♃	♂	♀	☿	☽ Lat.
	♏	♉	♐	♍	♎	♏	
1	10	12	6	14	8	21	3 N
7	16	12	7	18	15	♐ 0	4 N
13	21	11	9	21	21	9	2 S
19	28	10	10	25	29	18	5 S
25	♐ 4	10	11	28	♏ 6	25	0 N

M D	W D	Remarkable Days Aspects weather &c	☉ rise	☉ Set	☽ Long	☽ rise	☽ South	☽ Age
1	6	All Saints	6-49	5-11	6-14-27	16-56	23-11	28
2	7		6-51	5-9	6-26-29		23-58	29
3	F	23d Sund. past Trin. ☽ h occident	6-52	5-8	7-9-5	Sets	☌	☽
4	2		6-53	5-7	7-21-48	6-13	0-48	1
5	3	pleiades South 12-52	6-54	5-6	8-4-48	6-48	1-34	2
6	4		6-55	5-5	8-18-7	7-31	2-24	3
7	5	Days 10-8	6-56	5-4	9-1-49	8-24	3-27	4
8	6	Days Decrease 4-38	6-57	5-3	9-15-48	9-25	4-18	5
9	7		6-58	5-2	10-0-5	10-26	5-16	6
10	F	24th Sund. past Trin.	6-59	5-1	10-14-29	11-31	6-13	7
11	2	St. Martin	7-0	5-0	10-29-14	12-42	7-12	8
12	3		7-1	4-59	11-13-55	13-54	8-7	9
13	4	✶ ☉ ♂	7-2	4-58	11-28-36	15-9	9-4	10
14	5	Capella South 1-46	7-3	4-57	0-13-9	16-16	9-57	11
15	6		7-4	4-56	0-27-28	17-26	10-50	12
16	7	Sirius rise 10-4	7-5	4-55	1-11-29		11-42	13
17	F	25th Sund. past Trin.	7-6	4-54	1-25-16	rise	12-38	14
18	2	Bulls eye South 12-48	7-7	4-53	2-8-42	6-12	13-26	15
19	3		7-8	4-52	2-21-48	7-2	14-19	16
20	4	Days Decrease 5-0	7-8	4-52	3-4-33	7-52	15-6	17
21	5		7-9	4-51	3-17-2	8-41	15-54	18
22	6	☉ enters ♐	7-10	4-50	3-29-18	9-29	16-43	19
23	7	St Clement	7-11	4-49	4-11-23	10-17	17-27	20
24	F	26th Sund. past Trin.	7-12	4-48	4-23-20	11-11	18-10	21
25	2		7-12	4-48	5-5-8	12-10	18-57	22
26	3	☿ great Elong.	7-13	4-47	5-17-0	13-7	19-39	23
27	4		7-14	4-46	5-28-52	14-1	20-20	24
28	5	Days 9-30	7-15	4-45	6-10-50	14-55	21-2	25
29	6		7-15	4-45	6-22-56	15-53	21-47	26
30	7	St Andrew	7-16	4-44	7-5-15	16-51	22-35	27

1793 May

	☽ South	☽ rise
1 ♍ 18	17 .. 21	13..21
2 ♎ 3	18 .. 21	14..8
3 — 18	19 .. 20	14..38
4 ♐ 3	20 .. 13	15..3
5 — 17	21 .. 4	15.39
6 ♑ 1	21 .. 57	15.57
7 — 15	22 .. 46	16..16
8 — 29	23 .. 41	16..45
9 ♉ 13		
10 — 26	6 — 30	Sets
11 ♊ 9	1 .. 18	9..18
12 — 21	2 .. 8	10..14
13 ♋ 3	2 .. 55	11.. 1
14 — 15	3 .. 46	11..52
15 — 27	4 .. 32	12..25
16 ♌ 9	5 .. 17	12..52
17 — 21	6 .. 5	13..22
18 ♍ 3	6 .. 57	13..52
19 — 15	7 .. 34	14..4
20 — 27	8 .. 16	14..21
21 ♎ 9	9 .. 0	14..40
22 — 22	9 .. 45	15..0
23 ♏ 5	10 .. 35	15..29
24 — 18	11 .. 24	
25 ♐ 1	12 .. 16	rise
26 — 15	13 .. 12	9..18
27 — 29	14 .. 8	10..14
28 ♑ 13	15 .. 8	11..14
29 28	16 .. 8	12..1
30 ♒ 13	17 .. 10	12..39
31 28	18 .. 2	13..3

1793 June

	☽ South	☽ rise
1 ♑ 12	18..52	13..27
2 — 26	19..43	13..53
3 ♈ 10	20..33	14..13
4 — 24	21..24	14..39
5 ♉ 8	22..18	15..6
6 22	23..11	15..36
7 ♊ 5	23..58	
8 — 18		Sets
9 ♋ 0	0..48	8..54
10 — 12	1..34	9..40
11 — 24	2..24	10..17
12 ♌ 6	3..11	10..52
13 — 18	3..58	11..15
14 ♍ 0	4..40	11..33
15 — 11	5..21	11..56
16 — 23	6..4	12..19
17 ♎ 5	6..46	12..36
18 — 17	7..29	12..54
19 ♏ 0	8..16	13..18
20 — 13	9..8	13..45
21 — 26	9..56	14..15
22 ♐ 10	10..48	14..48
23 — 24	11..48	
24 ♑ 8	12..50	rise
25 23	13..52	9..52
26 ♒ 8	14..50	10..25
27 — 23	15..44	10..56
28 ♓ 7	16..39	11..24
29 — 21	17..32	11..52
30 ♈ 6	18..28	12..28

1793 July

	☽ South	☽ rise
1 ♈ 20	19..17	12..37
2 ♉ 4	20..8	13..2
3 — 17	20..56	13..27
4 ♊ 0	21..49	14..2
5 — 13	22..40	14..40
6 — 26	23..29	15..23
7 ♋ 8	0	
8 — 20	0..15	Sets
9 ♌ 2	0..58	8..45
10 — 14	1..42	9..11
11 — 26	2..26	9..32
12 ♍ 8	3..11	9..56
13 — 20	3..57	10..17
14 ♎ 2	4..43	10..43
15 — 14	5..29	10..59
16 — 26	6..15	11..25
17 ♏ 9	7..1	11..41
18 — 22	7..50	12..15
19 ♐ 6	8..45	12..52
20 20	9..42	13..36
21 ♑ 4	10..38	14..32
22 18	11..38	
23 ♒ 2	12..35	rise
24 — 17	13..31	8..54
25 ♓ 2	14..29	9..25
26 — 17	15..22	9..47
27 ♈ 1	16..11	10..11
28 — 15	17..3	10..33
29 — 29	17..54	10..58
30 ♉ 13	18..46	11..23
31 26	19..36	11..55

1793 August

	☽ South	☽ rise
1 ♊ 9	20..28	12..28
2 — 22	21..21	13..15
3 ♋ 5	22..9	14..3
4 — 17	22..56	14..56
5 — 29	23..44	15..57
6 ♌ 11	☌	Sets
7 — 23	0..29	7..41
8 ♍ 4	1..7	7..57
9 — 16	1..52	8..11
10 — 28	2..35	8..40
11 ♎ 10	3..19	8..59
12 — 22	4..2	9..17
13 ♏ 5	4..53	9..47
14 18	5..42	10..13
15 ♐ 1	6..34	10..47
16 — 15	7..29	11..23
17 — 29	8..28	12..22
18 ♑ 13	9..23	13..17
19 27	10..21	14..28
20 ♒ 12	11..21	
21 26	12..15	rise
22 ♓ 11	13..13	7..18
23 26	14..9	8..16
24 ♈ 11	15..2	8..42
25 25	16..0	9..10
26 ♉ 9	16..44	9..36
27 22	17..35	10..0
28 ♊ 5	18..26	10..33
29 18	19..17	11..11
30 ♋ 1	20..7	12..1
31 13	20..56	12..50

1793 September

	☽ South	☽ rise
1 ♋ 25		
2 ♌ 7		
3 — 19		
4 ♍ 1		
5 13		
6 25		
7 ♎ 7		
8 — 19		
9 ♏ 1		
10 — 14		
11 — 27		
12 ♐ 10		
13 — 24		
14 ♑ 8		
15 — 22		
16 ♒ 7		
17 — 22		
18 ♓ 7		
19 — 21		
20 ♈ 5		
21 — 20		
22 ♉ 4		
23 — 18		
24 ♊ 1		
25 — 14		
26 — 27		
27 ♋ 9		
28 — 21		
29 ♌ 3		
30 — 15		

1793 December Twelfth Month hath 31 Days

	D	H	M
New ☽	3	5	55 Morn
First ☍	9	5	34 Aft
Full ☉	17	6	1 Morn
Last ☍	25	4	0 Morn

☊ 1 11 ♍ 0 21 Deg.

Planets Places

D	☉	♄	♃	♂	♀	☿	☽ Lat.
	♐	♑	♐	♎	♍	♍	
1	10	9	12	2	14	0	5 S
7	16	9	13	5	21	4	2 N
13	22	9	14	9	29	0	5 S
19	28	8	16	12	℞ 6	℞ 22	3 S
25	♑ 4	8	18	15	14	16	3 N

M D	W D	Remarkable Days Aspects weather &c.	☉ rise	☉ set	☽ Long.	☽ rise	☽ South	☽ Age
1	F	Advent Sunday	7..16	4..44	7..17..48	17..51	23..23	28
2	2		7..17	4..43	8..0..37			29
3	3	Sirius rise 8..52	7..18	4..42	8..13..46	Sets	♂ 15	☽
4	4	☌ ☿ Orient	7..18	4..42	8..27..14	6..13	1 .. 6	1
5	5		7..19	4..41	9..11..3	7 .. 7	2 .. 0	2
6	6	St. Nicholas	7..19	4..41	9..25..10	8 .. 6	2 .. 59	3
7	7	Arcturus rise 2..1	7..20	4..40	10..9..28	9 .. 11	3 .. 57	4
8	F	Conception of V. Mary	7..20	4..40	10..24..7	10..18	4..53	5
9	2		7..20	4..40	11..8..48	11..25	5..51	6
10	3	Pleiades South 10..25	7..21	4..39	11..23..34	12..32	6..44	7
11	4		7..21	4..39	0..8..11	13..45	7..33	8
12	5	Capella South 11..42	7..21	4..39	0..22..38	14..57	8..28	9
13	6		7..21	4..39	1..6..52	16..6	9..19	10
14	7	Spica ♍ rise 2..25	7..22	4..38	1..20..46	17..10	10..11	11
15	F	Cassiopea South 6..37	7..22	4..38	2..4..23	18..12	11..2	12
16	2		7..22	4..38	2..17..28		11..57	13
17	3	Days Decrease 5:28	7..22	4..38	3..0..29	rise	12..47	14
18	4	Days 9..16	7..22	4..38	3..13..15	6..25	13..42	15
19	5		7..22	4..38	3..25..38	7..13	14..27	16
20	6	Shortes Day	7..22	4..38	4..7..49	8 .. 1	15..12	17
21	21	St. Thomas	7..22	4..38	4..19..49	8..50	15..59	18
22	F	☉ enters ♑	7..22	4..38	5..1..42	9..42	16..42	19
23	2		7..22	4..38	5..13..34	10..40	17..23	20
24	3	~~Christmas~~	7..22	4..38	5..25..22	11..39	18.. 5	21
25	4	~~St Stephen~~ Christmas	7..22	4..38	6..7..17	12..38	18..50	22
26	5	~~St John~~ St. Stephen	7..22	4..38	6..19..18	13..36	19..31	23
27	6	~~Innocents~~ St. John	7..22	4..38	7..1..29	14..36	20..18	24
28	7	Innocents	7..21	4..39	7..13..52	15..36	21 .. 5	25
29	F	1st Sunday past Christmas	7..21	4..39	7..26..33	16..38	21..53	26
30	2		7..21	4..39	8..9..31	17..40	22..47	27
31	3	Silvester	7..20	4..40	8..22..48		23..41	28

1794
Lat.
January

Day	Lat.	
1	4 N	
2	3 N	
3	2 N	
4	1 N	
5	0 S	☽
6	1 S	
7	2 S	
8	3 S	
9	4 S	
10	5 S	
11	5 S	
12	5 S	
13	5 S	
14	4 S	
15	3 S	
16	2 S	
17	1 S	
18	0 N	4
19	1 N	
20	2 N	
21	3 N	
22	4 N	
23	5 N	
24	5 N	
25	5 N	
26	5 N	
27	5 N	
28	4 N	
29	3 N	
30	2 N	
31	1 N	

By Subtracting the Longitude of the North Node of the Moon from her's we obtain her Distance from the Said Node, but not the Moons Longitude ~~the Node~~ that of the Node

1793 October	☽ South	☽ rise	1793 Novemb.	☽ South	☽ rise	1793 Decemb.	☽ South	☽ rise
1 ♌ 27	22..6	15..7	1 ♎ 11	22..58	17..23	1 ♏ 15	23..13	18..36
2 ♍ 9	22..50	16..10	2 — 23	23..42	[illegible]	2 — 28	23..59	
3 — 21	23..34	17..17	3 ♏ 6	☌	Sets	3 ♐ 11	☌ —	Sets
4 ♎ 3			4 — 19	0..30	4..58	4 — 24	0..49	4..43
5 — 15	☌ 16	Sets	5 ♐ 2	1..20	5..30	5 ♑ 8	1..47	5..41
6 — 27	0..55	6..5	6 — 15	2..11	6..8	6 — 22	2..44	6..44
7 ♏ 10	1..46	6..29	7 — 29	3..10	7..4	7 ♒ 6	3..41	8..0
8 — 23	2..33	6..58	8 ♑ 13	4..6	8..0	8 — 21	4..41	9..27
9 ♐ 6	3..25	7..32	9 — 27	5..5	9..12	9 ♓ 6	5..38	10..53
10 — 20	4..22	8..16	10 ♒ 11	6..1	10..29	10 — 21	6..33	12..16
11 ♑ 4	5..19	9..13	11 — 26	6..58	11..52	11 ♈ 5	7..24	13..34
12 — 18	6..16	10..16	12 ♓ 11	7..56	13..21	12 — 20	8..18	14..58
13 ♒ 2	7..14	11..36	13 — 26	8..51	14..44	13 ♉ 4	9..8	16..14
14 — 17	8..13	12..50	14 ♈ 10	9..44	16..4	14 — 18	9..59	17..31
15 ♓ 2	9..8	14..12	15 — 24	10..35	17..20	15 ♊ 1	10..50	18..37
16 — 16	10..3	15..36	16 ♉ 8	11..28		16 — 14	11..40	[illegible]
17 ♈ 1	10..56	16..56	17 22	12..22	rise	17 27	12..34	rise
18 — 15	11..50		18 ♊ 6	13..14	5..21	18 ♋ 10	13..26	5..20
19 — 29	12..40	rise	19 — 19	14..7	6..1	19 — 23	14..15	6..19
20 ♉ 13	13..36	6..13	20 ♋ 2	14..59	6..53	20 ♌ 5	15..3	7..22
21 27	14..28	6..44	21 — 14	15..45	7..39	21 — 17	15..48	8..25
22 ♊ 10	15..18	7..18	22 — 26	16..31	8..38	22 — 29	16..31	9..30
23 — 23	16..11	8..5	23 ♌ 8	17..13	9..38	23 ♍ 11	17..14	10..39
24 ♋ 6	17..2	8..56	24 — 20	17..59	10..42	24 — 22	17..54	11..39
25 — 18	17..50	9..50	25 ♍ 2	18..46	11..51	25 ♎ 4	18..36	12..43
26 ♌ 0	18..35	10..48	26 — 14	19..28	12..58	26 — 16	19..19	13..49
27 — 12	19..22	11..53	27 — 26	20..9	14..2	27 — 28	20..3	14..59
28 — 24	20..7	12..58	28 ♎ 8	20..52	15..7	28 ♏ 11	20..53	16..10
29 ♍ 6	20..51	14..6	29 — 20	21..36	16..16	29 — 24	21..45	17..26
30 — 18	21..35	15..10	30 ♏ 2	22..19	17..20	30 ♐ 7	22..35	18..31
31 — 29	22..16	16..16				31 — 20	23..27	19..33

1794 ♄ Long $1^{s}..18^{\circ}..36'$
his Anom. 4..17..58

January	February	March	April	May	June	July	August	Septem.
1 ♄ ♉ 8	1 ♄ ♉ 8	1 - ♄ ♉ 10	1 ♄ ♉ 14	1 ♄ ♉ 18	1 ♄ ♉ 22	1 ♄ ♉ 25	1 ♄ 28	1 ♄ [illegible]
7 ♄ ♉ 8	7 ♄ ♉ 8	7 - ♄ ♉ 11	7 ♄ ♉ 14	7 ♄ ♉ 19	7 ♄ ♉ 22	7 ♄ ♉ 26	7 ♄ 28	7 ♄ [illegible]
13 ♄ ♉ 8	13 ♄ ♉ 9	13 - ♄ ♉ 11	13 ♄ ♉ 15	13 ♄ ♉ 19	13 ♄ ♉ 23	13 ♄ ♉ 27	13 ♄ 29	13 ♄ [illegible]
19 ♄ ♉ 8	19 ♄ ♉ 9	19 - ♄ ♉ 12	19 ♄ ♉ 16	19 ♄ ♉ 20	19 ♄ ♉ 24	19 ♄ ♉ 28	19 ♄ 29	19 ♄ [illegible]
25 ♄ ♉ 8	25 ♄ ♉ 10	25 - ♄ ♉ 13	25 ♄ ♉ 17	25 ♄ ♉ 21	25 ♄ ♉ 25	25 ♄ ♉ 28	25 ♄ 29	25 ♄ [illegible]

94 January First Month hath 31 Days

	D	H	M	
New ☽	1	7	9	Aft
First ☽	8	1	43	Aft
Full ○	15	10	56	Aft
Last ☽	23	11	55	Aft
New ☽	31	6	51	Morn.

☊ { 1, 11, 21 } ♌ { 29, 29, 28 } Deg.

Planets Places

D	☉	♄	♃	♂	♀	☿	☽'s Lat.
	♑	♉	♐	♎	♐	♐	
1	12	8	20	19	23	19	4 N.
7	18	8	21	21	♑ 0	24	2 S.
13	24	8	22	24	8	♑ 1	5 S.
19	♒ 0	8	23	27	15	9	1 N.
25	6	9	25	♏ 0	23	18	5 N.

One Magnus a Shepherd first discovered the wonderful power of the Load Stone See practical Navigator page 176

M D	W D	Remarkable Days Aspects weather &c.	☉ rise	☉ set	☽ Long.	☽ sets	☽	☽ South	☽'s Age.
1	4	Circumcision	7..20	4..40	9..6..22	sets		☌ Aft.	☽
2	5	♄ Stationary	7..20	4..40	9..20..29	5..33		0..40	1
3	6	~~2nd Sund past Chris.~~	7..20	4..40	10..4..59	6..34		1..34	2
4	7	Days increase 6 min.	7..19	4..41	10..19..36	7..41		2..29	3
5	E	2nd. Sund. past Chris.	7..19	4..41	11..4..17	8..51		3..25	4
6	2	Epiphany ☿ great elong.	7..18	4..42	11..18..55	10..3		4..20	5
7	3	⚹ ♃ ♂	7..18	4..42	0..3..26	11..14		5..14	6
8	4		7..17	4..43	0..17..43	12..24		6..[illegible]	7
9	5	Bulls eye So. 9..0	7..17	4..43	1..1..50	13..29		6..57	8
10	6		7..16	4..44	1..15..43	14..31		7..48	9
11	7		7..15	4..45	1..29..21	15..31		8..39	10
12	E	1st. Sund. past Epip.	7..15	4..45	2..12..48	16..31		9..31	11
13	2	□ ☉ ♂	7..14	4..46	2..25..59	17..27		10..23	12
14	3		7..13	4..47	3..8..57	~~18..22~~		11..15	13
15	4	Sirius So. 10..46	7..13	4..47	3..21..43	~~19..12~~	rise	12..7	14
16	5		7..12	4..48	4..4..14	~~19..58~~	5..55	12..58	15
17	6		7..11	4..49	4..16..34	~~20..36~~	6..49	13..43	16
18	7	△ ♄ ☿	7..10	4..50	4..28..42	~~21..12~~	7..44	14..28	17
19	E	2nd Sund. past Epip	7..10	4..50	5..10..40	~~21..46~~	8..39	15..9	18
20	2	☉ enters ♒	7..9	4..51	5..22..32	~~22..14~~	9..34	15..49	19
21	3	pleiades So. 7..20	7..8	4..52	6..4..19	~~22..44~~	10..30	16..35	20
22	4		7..7	4..53	6..16..9	~~23..16~~	11..28	17..18	21
23	5	Days increase 32 min.	7..6	4..54	6..28..1	~~23..52~~	12..26	18..1	22
24	6		7..5	4..55	7..10..6		13..24	18..50	23
25	7	Convert. St. paul	7..4	4..56	7..22..3	~~0..32~~	14..23	19..32	24
26	E	3d. Sund. past Epip	7..3	4..57	8..4..56	~~1..22~~	15..23	20..23	25
27	2	Bulls eye So 7..43	7..2	4..58	8..17..55	~~2..14~~	16..23	21..17	26
28	3		7..1	4..59	9..1..20	~~3..6~~	17..23	22..13	27
29	4	Days 10.	7..0	5..0	9..15..6	~~4..4~~	18..23	23..12	28
30	5		6..59	5..1	9..29..29				29
31	6	~~Pleiades So. 6..38~~ ☉ eclip. invis	6..58	5..2	10..14..3	~~Sets~~	Sets	☌ ..10	☽

~~One magnus a Shepherd~~

Add 24 hours to the Moons Diurnal motion So as the Semidiurnal arc of the moon to the time to be added to the said Diurnal arc, to find the true time of her rising & setting

1794 ☽'s Lat. February	
1	0 S.
2	2 S
3	3 S
4	4 S
5	5 S
6	5 S.
7	5 S
8	5 S
9	5 S
10	4 S
11	3 S
12	2 S
13	1 S
14	0 S
15	1 N
16	2 N
17	3 N
18	4 N
19	4 N
20	5 N
21	5 N
22	5 N
23	5 N
24	5 N
25	4 N
26	3 N
27	2 N
28	0 N

January 1794 ☉ Long. (s ° ′)	Logarithm ☉ from ⊕	July 1794 ☉ Long	Logarithm ☉ from ⊕
1 — 9..11..36	4.992593	1 — 3..9..54	5.007285
7 — 9..17..44	4.992663	7 — 3..15..39	5.007249
13 — 9..23..51	4.992818	13 — 3..21..22	5.007134
19 — 9..29..58	4.993055	19 — 3..27..6	5.006943
25 — 10..6..3	4.993369	25 — 4..2..50	5.006681

February ☉ Long.	Logarithm ☉ from ⊕	August ☉ Long.	Logarithm ☉ from ⊕
1 — 10..13..8	4.993759	1 — 4..9..31	5.006284
7 — 10..19..13	4.994219	7 — 4..15..13	5.005872
13 — 10..25..17	4.994743	13 — 4..21..1	5.005312
19 — 11..1..20	4.995325	19 — 4..26..47	5.004863
25 — 11..7..23	4.995959	25 — 5..2..35	5.004275

March ☉ Long.	Logarithm ☉ from ⊕	September ☉ Long.	Logarithm ☉ from ⊕
1 — 11..11..23	4.996405	1 — 5..9..21	5.003531
7 — 11..17..23	4.997106	7 — 5..15..11	5.002849
13 — 11..23..22	4.997837	13 — 5..21..2	5.002254
19 — 11..29..20	4.998590	19 — 5..26..53	5.001518
25 — 0..5..17	4.999354	25 — 6..2..47	5.000762

April ☉ Long.	Logarithm ☉ from ⊕	October ☉ Long	Logarithm ☉ from ⊕
1 — 0..12..11	5.000252	1 — 6..8..41	4.999995
7 — 0..18..4	5.001016	7 — 6..14..36	4.999227
13 — 0..23..57	5.001653	13 — 6..20..33	4.998463
19 — 0..29..49	5.002375	19 — 6..26..31	4.997714
25 — 1..5..39	5.003080	25 — 7..2..30	4.996987

May ☉ Long.	Logarithm ☉ from ⊗	November ☉ Long.	Logarithm ☉ from ⊕
1 — 1..11..29	5.003749	1 — 7..9..30	4.996180
7 — 1..17..17	5.004377	7 — 7..15..32	4.995531
13 — 1..23..3	5.004956	13 — 7..21..35	4.994932
19 — 1..28..50	5.005480	19 — 7..27..39	4.994387
25 — 2..4..35	5.005946	25 — 8..3..42	4.993982

June ☉ Long.	Logarithm ☉ from ⊕	December ☉ Long.	Logarithm ☉ from ⊕
1 — 2..11..17	5.006408	1 — 8..9..48	4.993555
7 — 2..17..2	5.006730	7 — 8..15..53	4.993201
13 — 2..22..45	5.006980	13 — 8..21..59	4.992926
19 — 2..28..29	5.007158	19 — 8..28..6	4.992731
25 — 3..4..11	5.007260	25 — 9..4..14	4.992618

October 1794 ♄ Long. ♉	November 1794 ♄ Long ♉	December ♄ Long. ♉
1 — 29	1 — 28	1 — 24
7 — 29	7 — 27	7 — 24
13 — 29	13 — 27	13 — 23
19 — 29	19 — 26	19 — 23
25 — [illegible]	25 — [illegible]	25 — 22

Errors that ~~they~~ are corrected in my Astro. Tables are these 2 Vol. page 204. when ♄ Anom. 4..30 the equation 3 ~~with~~ ought to have been

In ♂ equation page the Logarithm of distance from ☉ ought been as thus 6 in the place from the Index of 7. that is from the that his Annomally untill it is 4..0

In ☿ Node November ~~44~~ 66″ read 46

1794 February Second Month hath 28 Days

	☽	H	M	
First ☾	6	11	4	Aft
Full ○	14	5	28	Aft
Last ☾	22	5	32	Aft

☊ { 1 ♌ 28; 11 ♌ 27; 21 27 } Deg.

Planets Places

☽	☉	♄	♃	♂	♀	☿	☽'s Lat.
	♒	♉	♐	♏	♒	♑	
1	13	9	26	2	2	29	0 S.
7	19	9	27	5	9	♒ 8	5 S.
13	25	9	28	7	17	18	1 S.
19	♓ 1	10	29	8	24	29	4 N.
25	7	10	♑ 0	10	♓ 2	♓ 10	4 N.

M D	W D	Remarkable days Aspects weather &c	☉ rise	☉ Set	☽ Long.	☽ Sets	☽ South	☽ Age
1	7	□ ♂ ♀	6..57	5..3	10..28..56	6..22	1..3	1
2	E	4th Sund past Epip.	6..56	5..4	11..13..49	7..34	2..2	2
3	2	Day increase 54 min.	6..55	5..5	11..28..38	8..45	2..58	3
4	3		6..54	5..6	0..13..13	9..55	3..52	4
5	4	pleiades Sets 1..41	6..53	5..7	0..27..34	11..3	4..44	5
6	5		6..52	5..8	1..11..36	12..9	5..36	6
7	6	□ ♄ ♀	6..51	5..9	1..25..18	13..13	6..28	7
8	7	[illegible]	6..50	5..10	2..8..42	14..13	7..20	8
9	E	5th Sund. past Epip.	6..49	5..11	2..21..50	15..11	8..12	9
10	2	Sirius South 8..59	6..48	5..12	3..4..45	16..8	9..3	10
11	3		6..46	5..14	3..17..26	17..1	9..54	11
12	4	☌ ♀ ☿	6..45	5..15	3..29..58	17..47	10..44	12
13	5		6..44	5..16	4..12..20	16..28 (?)	11..32	13
14	6	Valentine, ☽ eclip. vis.	6..43	5..17	4..24..35	rise	12..19	14
15	7	~~Spica … rise 9..52~~	6..42	5..18	5..6..45	6..33	13..4	15
16	E	Septuagesima Sund.	6..40	5..20	5..18..47	7..27	13..47	16
17	2	Arcturus rise 8..49	6..39	5..21	6..0..49	8..23	14..30	17
18	3		6..38	5..22	6..12..45	9..19	15..13	18
19	4	✶ ♃ ☿, ☉ enters ♓	6..36	5..24	6..24..40	10..15	15..57	19
20	5		6..35	5..25	7..6..49	11..12	16..41	20
21	6		6..34	5..26	7..19..2	12..12	17..27	21
22	7	☌ ☉ ☿ Occident	6..33	5..27	8..1..27	13..11	18..15	22
23	E	Sund. past Septu.	6..32	5..28	8..14..9	14..9	19..6	23
24	2	☌ ☽ ♃	6..31	5..29	8..27..9	15..6	20..0	24
25	3	☍ ♄ ♂, ✶ ♄ ☿, △ ♂ ☿	6..30	5..30	9..10..33	16..3	20..56	25
26	4		6..28	5..32	9..24..22	16..57	21..54	26
27	5		6..27	5..33	10..8..36	17..49	22..53	27
28	6	Days 11..8	6..26	5..34	10..23..18		23..52	28

As 24 hours is to 48 minutes, the moons motion, so is the moons Semidiurnal arc to the time that must be added to the said arc to find the true time of rising and setting of the moon.

♀ Venus will be morning Star till the 19th day of March, and evening Star from that time untill the end of the Year.

1794 Lat

March

1 — 1S
2 — 2S
3 — 3S
4 — 4S
5 — 5S
6 — 5S
7 — 5S
8 — 5S
9 — 4S
10 — 4S
11 — 3S
12 — 2S
13 — 1S
14 — 1N
15 — 2N
16 — 3N
17 — 3N
18 — 4N
19 — 5N
20 — 5N
21 — 5N
22 — 5N
23 — 5N
24 — 4N
25 — 3N
26 — 2N
27 — 1N
28 — 1S
29 — 2S
30 — 3S
31 — 4S

Common Notes and moveable Feasts for the Year

Dominical Letter E
Cycle of the Sun 11
Golden Number 9
Epact 29
Number of Direction 30

Easter Sunday	April
Ascension Day	May
Whitsunday	June
Trinity Sunday	June
Advent Sunday	Nov.

The Elements for an eclips of the Sun January 1794

True time of New Moon in January. 1794	D 31 H 6 M 51
Semidiameter of the Earths Disc	0 / 1 . 0 .
Suns Distance from the nearest Solstice	41 . 55 .
Suns Declination South	17 . 14 .
Moons Latitude North Descending	1 . 22 .
Moons Horary motion	3 .
Angle of the Moons visible path with the Ecliptic	5 . 3 .
Suns Semidiameter	
Moons Semidiameter	
Semidiameter of the penumbra	

The Elements for an eclips of the Moon in February 1794

True time of Full Moon in February, 1794	D 14 H 5 M 28 Aft.
Moons Horizontal parallax	5
Suns Semidiameter	
Moons Semidiameter	
Semidiameter of the Earths Shadow at the Moon	
Moon true Latitude South Ascending	
Angle of the Moons visible path with the Ecliptic	5 .
Moons Horary Motion from the Sun	

The Elements for an Eclips of the Sun March 1794

True time of New Moon in March 1794	D 31 H 5 M 3 Aft
Semidiameter of the Earths disc	0 / 0 . 6 .
Suns distance from the Nearest Solstice Viz ♑	7 .
Suns declination South	7 .
Moons Latitude South Descending	1 .
Moons Horary Motion	
Angle of the Moons visible path with the Ecliptic	5 .
Suns Semidiameter	
Moons Semidiameter	
Semidiameter of the penumbra	

1794 March Third Month hath 31 Days

	D	H	M	
New ☽	1	5	6	Aft
First ☽	8	0	0	Noon
Full ○	16	11	51	Morn
Last ☽	24	5	8	Morn
New ☽	31	2	16	Morn

☊ 1 26 / 11 ℞ 26 / 21 25 Deg.

Planets Places

	☉	♄	♃	♂	♀	☿	☽'s
	♓	♉	♍	♓	♓		Lat.
1	11	11	1	11	7	18	1 S.
7	17	11	2	11	14	29	5 S.
13	23	12	2	12	22	♈ 10	1 S.
19	29	12	3	12	29	18	5 N.
25	♈ 5	13	3	12	♈ 7	22	3 N.

M	W	D	Remarkable Days Aspects weather &c	☉ rise	☉ Set	☽ Long.	☽ Sets	☽ South	☽ Age
			○ eclip. invis.						
1	7		✶☉♄, □☉♂, St. David	6 . 24	5 . 36	11 . 8 . 8	Sets	♂	☽
2	E		Quinquagesima Sund.	6 . 23	5 . 37	11 . 23 . 6	6 . 38	0 . 48	1
3	2		~~Sirius Set 12 . 42~~	6 . 22	5 . 38	0 . 8 . 1	7 . 50	1 . 42	2
4	3		Shrove Tuesday	6 . 21	5 . 39	0 . 22 . 46	9 . 2	2 . 36	3
5	4		Ash Wednesday	6 . 19	5 . 41	1 . 7 . 12	10 . 14	3 . 29	4
6	5			6 . 17	5 . 43	1 . 21 . 15	11 . 25	4 . 22	5
7	6		Sirius Sets 12 . 28	6 . 16	5 . 44	2 . 4 . 52	12 . 30	5 . 15	6
8	7			6 . 14	5 . 46	2 . 18 . 7	13 . 30	6 . 7	7
9	E		1st Sund. in Lent.	6 . 13	5 . 47	3 . 0 . 33	14 . 22	6 . 59	8
10	2			6 . 12	5 . 48	3 . 13 . 40	15 . 10	7 . 50	9
11	3		Pleiades Sets . 11 . 31	6 . 11	5 . 49	3 . 26 . 7	15 . 54	8 . 39	10
12	4			6 . 9	5 . 51	4 . 8 . 9	16 . 32	9 . 27	11
13	5		Days increase 2 . 28	6 . 8	5 . 52	4 . 20 . 18	17 . 7	10 . 15	12
14	6			6 . 7	5 . 53	5 . 2 . 24	17 . 39	11 . 1	13
15	7			6 . 6	5 . 54	5 . 14 . 26		11 . 46	14
16	E		2nd. Sund. in Lent	6 . 4	5 . 56	5 . 26 . 31	rise	12 . 31	15
17	2		St. patrick	6 . 3	5 . 57	6 . 8 . 36	7 . 28	13 . 15	16
18	3			6 . 2	5 . 58	6 . 20 . 46	8 . 28	14 . 0	17
19	4		♂ ☉ ♀ Occident, E. D. & N.	6 . 0	6 . 0	7 . 3 . 0	9 . 28	14 . 46	18
20	5		☉ enters ♈ (7 great elong.	5 . 59	6 . 1	7 . 15 . 20	10 . 28	15 . 32	19
21	6		Spicam ♍ So. 1 . 11	5 . 58	6 . 2	7 . 27 . 50	11 . 28	16 . 19	20
22	7			5 . 57	6 . 3	8 . 10 . 28	12 . 28	17 . 9	21
23	E		3d. Sund. in Lent	5 . 55	6 . 5	8 . 23 . 25	13 . 26	18 . 3	22
24	2		♂ ☽ ☿	5 . 54	6 . 6	9 . 6 . 39	14 . 18	18 . 57	23
25	3		Annunciation V. M	5 . 53	6 . 7	9 . 20 . 11	15 . 8	19 . 53	24
26	4		Pleiades Sets 10 . 36	5 . 52	6 . 8	10 . 4 . 5	15 . 56	20 . 49	25
27	5			5 . 50	6 . 10	10 . 18 . 21	16 . 38	21 . 45	26
28	6		Days 12 . 22	5 . 49	6 . 11	11 . 2 . 56	17 . 18	22 . 43	27
29	7			5 . 48	6 . 12	11 . 17 . 47	17 . 57	23 . 40	28
30	E		4th Sunday in Lent	5 . 46	6 . 14	0 . 2 . 43		♂	29
31	2			5 . 45	6 . 15	0 . 17 . 38	Sets	0 . 35	☽

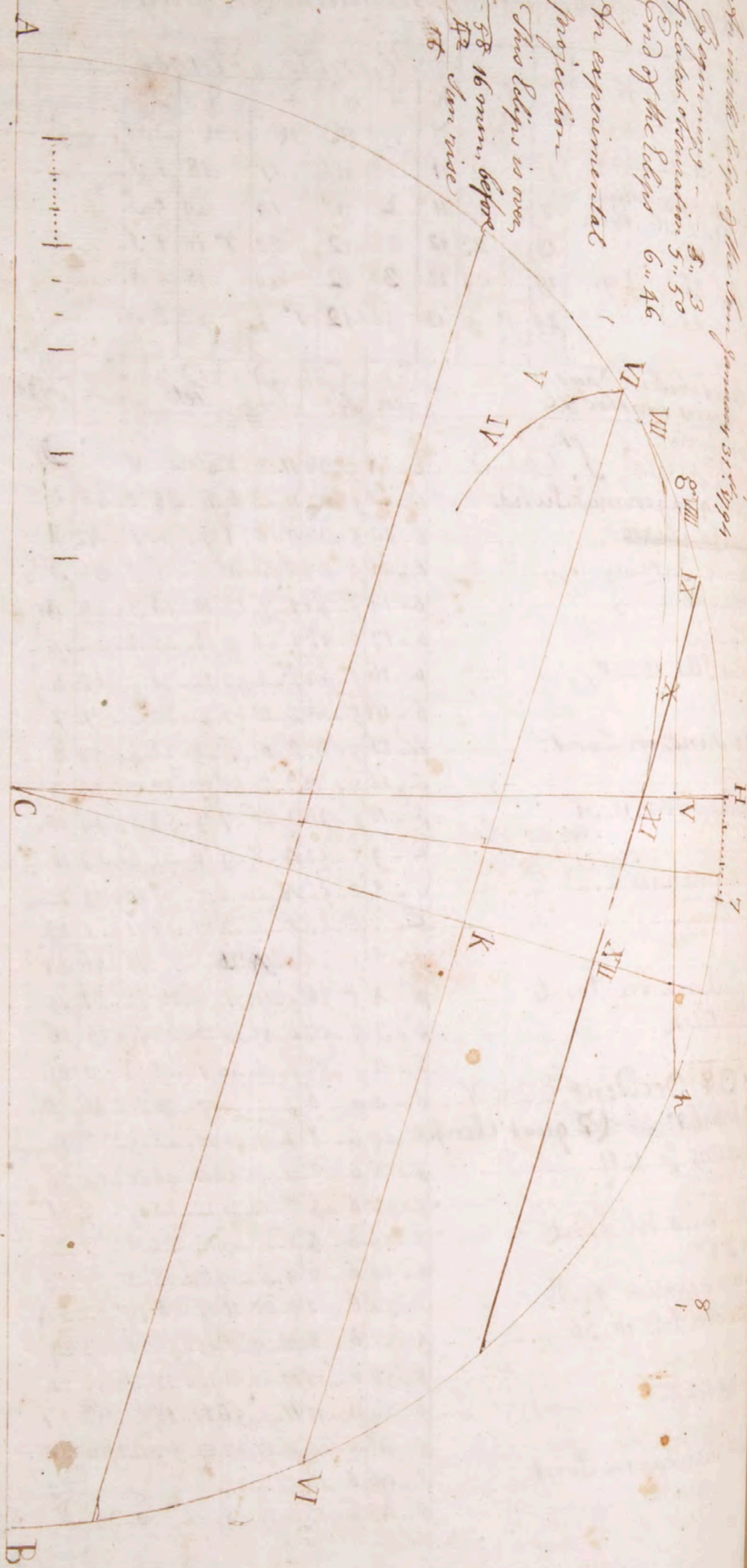
1794 ☽'s Lat April
1 — 5 S
2 — 5 S
3 — 5 S
4 — 5 S
5 — 4 S
6 — 3 S
7 — 2 S
8 — 2 S
9 — 1 S
10 — 0 N
11 — 1 N
12 — 2 N
13 — 3 N
14 — 4 N
15 — 5 N
16 — 5 N
17 — 5 N
18 — 5 N
19 — 4 N
20 — 4 N
21 — 3 N
22 — 2 N
23 — 1 N
24 — 0 S
25 — 2 S
26 — 3 S
27 — 4 S
28 — 5 S
29 — 5 S
30 — 5 S

An invisible Eclipse of the Sun January 31st 1794

Beginning 5..3
Greatest Obscuration 5..50
End of the Eclipse 6..46

An experimental projection

This Eclipse is over 6..58
16 min before Sun rise



1794 April Fourth Month hath 30 Days

First ☽ 7..0..55 Morn
Full ○ 15..4..58 Morn
Last ☽ 22..5..9 Aft
New ☽ 29..10..57 Morn

☊ { 1 ♌ 24, 11 ♌ 24, 21 ♌ 23 } Deg.

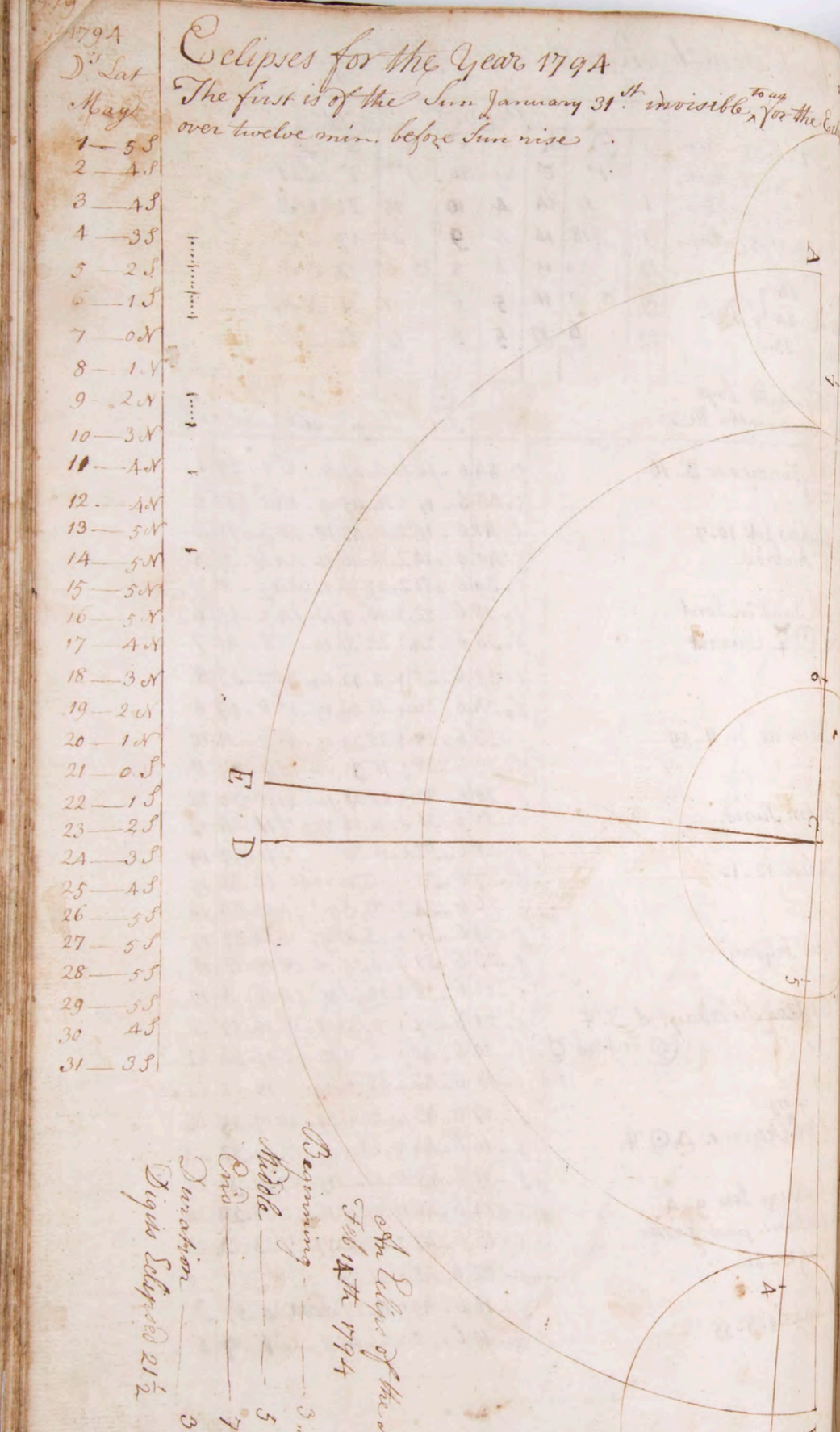
				Planets Places			
D	☉	♄	♃	♂	♀	☿	☽
	♈	♉	♑	♏	♈	♈	Lat
1	12	14	4	10	15	21	5 S.
7	18	14	4	9	22	17	2 S.
13	24	15	4	8	♉ 0	13	3 N.
19	♉ 0	16	5	6	7	11	4 N.
25	6	17	5	3	15	12	2 S.

M D	W D	Remarkable Days Aspects weather &c.	☉ rise	☉ Set	☽ Long.	☽ Sets	☽ South	☽ Age
1	3	Days increase 3..16	5..44	6..16	1..2..21	8..6	1..25	1
2	4		5..43	6..17	1..16..45	9..14	2..17	2
3	5	pleiades Sets 10..7	5..41	6..19	2..0..43	10..20	3..11	3
4	6	St. Ambrose	5..40	6..20	2..14..16	11..24	4..7	4
5	7		5..39	6..21	2..27..22	12..24	5..1	5
6	E	5th Sund. in Lent	5..38	6..22	3..10..7	13..14	5..53	6
7	2	☌ ☉ ☿ Orient	5..36	6..24	3..22..32	14..2	6..45	7
8	3		5..35	6..25	4..4..42	14..42	7..33	8
9	4		5..34	6..26	4..16..44	15..18	8..19	9
10	5	Spica ♍ So. 11..59	5..33	6..27	4..28..38	15..48	9..4	10
11	6		5..32	6..28	5..10..32	16..14	9..47	11
12	7		5..30	6..30	5..22..28	16..40	10..30	12
13	E	Palm Sund.	5..29	6..31	6..4..28	17..7	11..14	13
14	2		5..28	6..32	6..16..35		11..59	14
15	3	♃ rise 12..10	5..27	6..33	6..28..49	rise	12..46	15
16	4		5..26	6..34	7..11..13	8..24	13..34	16
17	5		5..25	6..35	7..23..47	9..30	14..23	17
18	6	Good Fryday	5..23	6..37	8..6..35	10..28	15..13	18
19	7		5..22	6..38	8..19..33	11..24	16..4	19
20	E	Easter Sunday, ☌ ☽ ♃	5..21	6..39	9..2..43	12..18	16..57	20
21	2	☉ enters ♉	5..20	6..40	9..16..11	13..12	17..53	21
22	3		5..18	6..42	9..29..52	14..2	18..51	22
23	4	St. George	5..17	6..43	10..13..48	14..46	19..45	23
24	5	☍ ☉ ♂ Occident. △ ☉ ♃	5..16	6..44	10..28..5	15..22	20..37	24
25	6		5..15	6..45	11..12..27	15..57	21..33	25
26	7	Bulls eye Sets 9..4	5..14	6..46	11..27..15	16..32	22..29	26
27	E	1st Sund. past Easter	5..13	6..47	0..12..2	17..7	23..24	27
28	2	Day 13..36	5..12	6..48	0..26..50			28
29	3		5..11	6..49	1..11..27	Sets	0..17	☽
30	4	Lyra So. 9..55	5..10	6..50	1..25..48	8..16	1..9	1

1794
D^s Lat
May.
1 — 5 S
2 — 4 S
3 — 4 S
4 — 3 S
5 — 2 S
6 — 1 S
7 — 0 N
8 — 1 N
9 — 2 N
10 — 3 N
11 — 4 N
12 — 4 N
13 — 5 N
14 — 5 N
15 — 5 N
16 — 5 N
17 — 4 N
18 — 3 N
19 — 2 N
20 — 1 N
21 — 0 S
22 — 1 S
23 — 2 S
24 — 3 S
25 — 4 S
26 — 5 S
27 — 5 S
28 — 5 S
29 — 5 S
30 — 4 S
31 — 3 S

Eclipses for the Year 1794

The first is of the Sun January 31st. invisible to us for the Ecl. over twelve min. before Sun rise.



A Lunar Eclipse of the Moon
Feb 14th 1794

Beginning — 3 .. 34
Middle — 5 .. 28
End — 7 .. 20
Duration — 3 .. 46
Digits Eclipsed 21 1/2

1794 May Fifth Month hath 31 Days

	D	h	M	Aff
First	2.	6	.. 4	.. 0 Aft
Full	○	14	.. 7	.. 42 Aft
Last	2.	22	.. 12	.. 0 Morn
New	D	28	.. 7	.. 42 Aft

☊ { 1 ♑ 23 ; 11 ♌ 22 ; 21 22 } Deg.

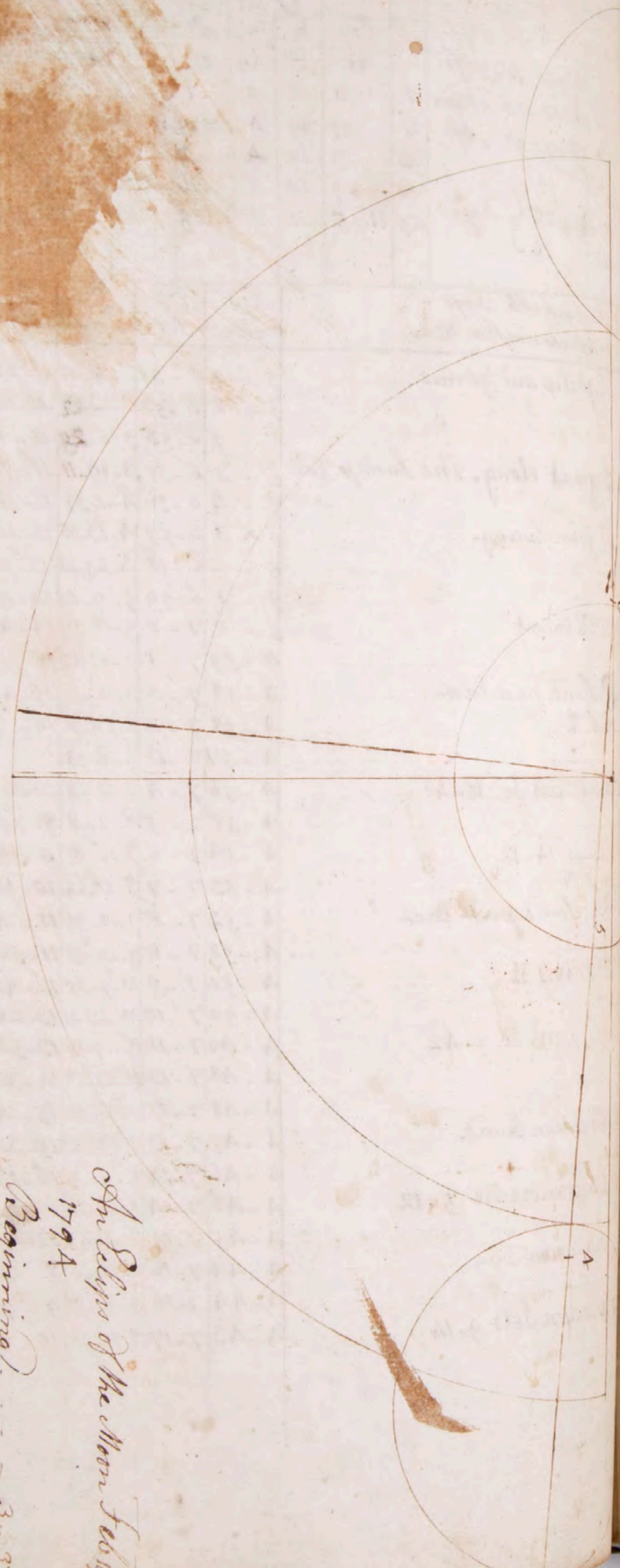
Planets Places

D	☉	♄	♃	♂	♀	☿	D^s Lat.
	♉	♉	♍		♉	♈	
1	11	18	4	1	23	15	5 S.
7	17	19	4	♎ 29	♊ 0	21	0 N.
13	23	19	4	27	7	28	5 N.
19	29	20	3	26	15	♉ 7	2 N.
25	♊ 5	21	3	25	22	18	4 S.

M D	W D	Remarkable Days Aspects weather &c	☉ rise	☉ Set	☽ Long.	☽ Sets	☽ South.	☽ Age
1	5	S. philip and James	5 .. 9	6 .. 51	2 .. 9 .. 49	9 .. 21	2 .. 2	2
2	6		5 .. 8	6 .. 52	2 .. 23 .. 27	10 .. 14	2 .. 58	3
3	7		5 .. 7	6 .. 53	3 .. 6 .. 29	11 .. 4	3 .. 52	4
4	E	☿ great elong. 2nd Sund p. East	5 .. 5	6 .. 55	3 .. 19 .. 11	11 .. 52	4 .. 43	5
5	2		5 .. 4	6 .. 56	4 .. 1 .. 33	12 .. 38	5 .. 33	6
6	3	St John Evang.	5 .. 3	6 .. 57	4 .. 13 .. 38	13 .. 18	6 .. 20	7
7	4		5 .. 2	6 .. 58	4 .. 25 .. 28	13 .. 50	7 .. 5	8
8	5		5 .. 1	6 .. 59	5 .. 7 .. 14	14 .. 20	7 .. 49	9
9	6	☌ ☉ ♄ Orient	5 .. 0	7 .. 0	5 .. 18 .. 56	14 .. 48	8 .. 32	10
10	7		4 .. 59	7 .. 1	6 .. 0 .. 42	15 .. 14	9 .. 14	11
11	E	3d Sund. past East	4 .. 58	7 .. 2	6 .. 12 .. 34	15 .. 40	9 .. 57	12
12	2	☍ ♂ ☿	4 .. 58	7 .. 2	6 .. 24 .. 38	16 .. 7	10 .. 41	13
13	3		4 .. 57	7 .. 3	7 .. 6 .. 53		11 .. 27	14
14	A	Arcturus So. 10 .. 40	4 .. 56	7 .. 4	7 .. 19 .. 23	rise	12 .. 15	15
15	5		4 .. 55	7 .. 5	8 .. 2 .. 8	8 .. 20	13 .. 5	16
16	6	Days 14 .. 12	4 .. 54	7 .. 6	8 .. 15 .. 8	9 .. 16	13 .. 57	17
17	7	☌ D ♃	4 .. 53	7 .. 7	8 .. 28 .. 24	10 .. 10	14 .. 51	18
18	E	4th Sund. past East	4 .. 52	7 .. 8	9 .. 11 .. 55	11 .. 4	15 .. 47	19
19	2		4 .. 52	7 .. 8	9 .. 25 .. 38	11 .. 56	16 .. 45	20
20	3	☉ enters ♊	4 .. 51	7 .. 9	10 .. 9 .. 35	12 .. 44	17 .. 42	21
21	4		4 .. 50	7 .. 10	10 .. 23 .. 40	13 .. 26	18 .. 37	22
22	5	Spica ♍ So. 9 .. 42	4 .. 49	7 .. 11	11 .. 7 .. 56	13 .. 58	19 .. 27	23
23	6		4 .. 48	7 .. 12	11 .. 22 .. 28	14 .. 30	20 .. 20	24
24	7		4 .. 48	7 .. 12	0 .. 6 .. 56	15 .. 4	21 .. 14	25
25	E	Rogation Sund.	4 .. 47	7 .. 13	0 .. 21 .. 32	15 .. 38	22 .. 8	26
26	2		4 .. 46	7 .. 14	1 .. 6 .. 5	16 .. 13	23 .. 2	27
27	3	Days increase 5 .. 12	4 .. 46	7 .. 14	1 .. 20 .. 31		23 .. 56	28
28	4		4 .. 45	7 .. 15	2 .. 4 .. 44	Sets		D
29	5	Ascension Day	4 .. 44	7 .. 16	2 .. 18 .. 38	8 .. 13	0 .. 50	1
30	6		4 .. 44	7 .. 16	3 .. 2 .. 10	9 .. 7	1 .. 44	2
31	7	procyon Sets 9 .. 14	4 .. 43	7 .. 17	3 .. 15 .. 18	10 .. 0	2 .. 38	3

1794
D's Lat.
June

June	Lat.
1	2 S
2	1 S
3	0 N
4	1 N
5	2 N
6	3 N
7	4 N
8	5 N
9	5 N
10	5 N
11	5 N
12	5 N
13	4 N
14	3 N
15	2 N
16	1 N
17	0 N
18	1 S
19	2 S
20	3 S
21	4 S
22	5 S
23	5 S
24	5 S
25	5 S
26	4 S
27	3 S
28	2 S
29	1 S
30	0 S



An Eclipse of the Moon Feb 14th
1794
Beginning – 3..33
Middle – 5..28
End – 7..19
Digits Eclipsed – 21-1/2
Duration – 3..46

1794 June Sixth Month hath 30 Days

	D	H	M
First ☽	5	8	0 Morn
Full ○	13	7	27 Morn
Last ☾	20	5	9 Morn
New ☽	27	5	36 Morn

☊ { 1 ♌ 21; 11 ♌ 21; 21 ♌ 20 } Deg.

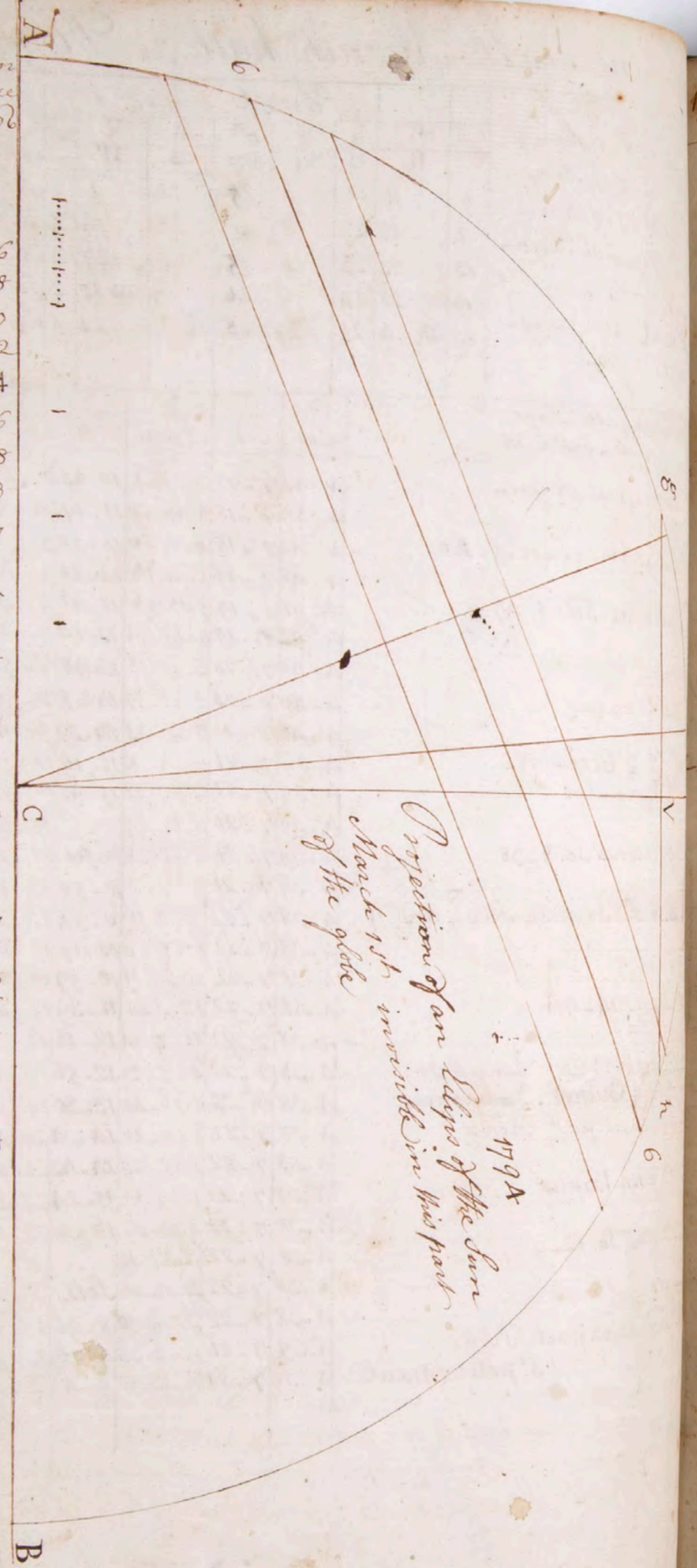
Planets Places

D	☉	♄	♃	♂	♀	☿	☽'s Lat.
	♊	♉	♑	♒	♋	♊	
1	11	22	2	25	1	1	2 S.
7	17	22	1	25	8	14	4 N.
13	23	23	0	25	15	27	4 N.
19	28	24	0	26	22	♋ 10	2 S.
25	♋ 4	25	♐ 29	28	♌ 0	21	5 S.

M D	W D	Remarkable Days Aspects weather &c	☉ rise	☉ Set	☽ Long.	☽ Sets	☽ South	☽ Age
1	E	Sund. past Ascen.	4..43	7..17	3..28..1	10..43	3..28	4
2	2		4..42	7..18	4..10..21	11..19	4..15	5
3	3	Days increase 5..20	4..42	7..18	4..22..26	11..50	5..1	6
4	4		4..41	7..19	5..4..14	12..20	5..46	7
5	5	Spica ♍ Sets 1..47	4..41	7..19	5..15..56	12..48	6..30	8
6	6		4..41	7..19	5..27..54	13..14	7..12	9
7	7		4..40	7..20	6..9..13	13..38	7..51	10
8	E	Whitsunday	4..40	7..20	6..21..17	14..8	8..33	11
9	2		4..40	7..20	7..2..55	14..39	9..17	12
10	3	☌ ☉ ☿ Occident.	4..39	7..21	7..15..8	15..10	10..4	13
11	4	St. Barnabas	4..39	7..21	7..27..38	15..42	10..53	14
12	5		4..39	7..21	8..10..29		11..43	15
13	6	Arcturus So. 8..38	4..39	7..21	8..23..38	rises	12..36	16
14	7		4..39	7..21	9..7..9	8..50	13..31	17
15	E	Trinity Sund. △ ☉ ♂ ☌ ☽ ♃	4..38	7..22	9..20..56	9..34	14..28	18
16	2		4..38	7..22	10..5..0	10..17	15..24	19
17	3		4..38	7..22	10..19..11	10..59	16..19	20
18	4	Days 14..44	4..38	7..22	11..3..31	11..39	17..13	21
19	5		4..38	7..22	11..17..54	12..18	18..6	22
20	6	☉ enters ♋ Longest day	4..38	7..22	0..2..20	12..56	18..58	23
21	7	☍ ☉ ♃ Occident. ~~Longest day~~	4..38	7..22	0..16..45	13..30	19..51	24
22	E	1st Sund. past Trin.	4..38	7..22	1..1..10	14..4	20..45	25
23	2		4..38	7..22	1..15..29	14..42	21..40	26
24	3	St. John Baptist	4..38	7..22	1..29..39	15..24	22..36	27
25	4		4..38	7..22	2..13..37	16..6	23..29	28
26	5	Lyra So. 12..9	4..38	7..22	2..27..19		☌	29
27	6		4..38	7..22	3..10..46	Sets.	0..21	☽
28	7		4..38	7..22	3..23..50	8..26	1..11	1
29	E	2nd Sund. past Trin. (St. peter & paul	4..39	7..21	4..6..33	9..6	1..59	2
30	2		4..39	7..21	4..18..58	9..44	2..46	3

1794

D.	Lat.	D.	Mean Distance from ☉
July			
1	1 N.	0	11
2	2 N	0	23
3	3 N	1	4
4	4 N	1	16
5	4 N	1	28
6	5 N	2	10
7	5 N	2	22
8	5 N	3	4
9	5 N	3	16
10	5 N	3	28
11	4 N	4	13
12	3 N	4	27
13	2 N	5	11
14	0 N	5	25
15	1 S	6	10
16	2 S	6	24
17	3 S	7	9
18	4 S	7	23
19	5 S	8	8
20	5 S	8	22
21	5 S	9	6
22	5 S	9	20
23	5 S	10	4
24	4 S	10	17
25	3 S	11	0
26	2 S	11	13
27	0 S	11	26
28	1 N	0	8
29	2 N	0	20
30	3 N	1	2
31	4 N	1	14



1794 July Seventh Month hath 31 Days

Planets Places

	D	☉	♄	♃	♂	♀	☿	☽ ☊
First ☽ 4 .. 8 .. 0 Aft.		♋	♉	♐	♎	♌	♌	Lat
Full ○ 12 .. 5 .. 59 Aft.	1	10	25	29	29	7	1	1 N.
Last ☽ 19 .. 10 .. 24 Morn.	7	16	26	28	♍ 1	14	11	5 N.
New ☽ 26 .. 5 .. 24 Aft.	13	21	26	28	4	21	18	2 N.
	19	27	27	27	7	28	24	5 S.
☊ 1 11 21 ♌ 20 19 19 Deg.	25	♌ 3	27	26	9	♍ 6	27	3 S.

M D	W D	Remarkable Days Aspects weather &c.	☉ rise	☉ sets	☽ Long.	☽ Sets	☽ South	☽ Age
1	3	✶ ♄ ♂	4 .. 39	7 .. 21	5 .. 1 .. 2	10 .. 18	3 .. 32	4
2	4	Visitation V. Mary	4 .. 40	7 .. 20	5 .. 12 .. 55	10 .. 48	4 .. 18	5
3	5		4 .. 40	7 .. 20	5 .. 24 .. 19	11 .. 14	5 .. 2	6
4	6	Translation of St. Martin	4 .. 40	7 .. 20	6 .. 6 .. 11	11 .. 39	5 .. 45	7
5	7		4 .. 41	7 .. 19	6 .. 17 .. 55	12 .. 4	6 .. 27	8
6	E	3 d. Sund. past Trin.	4 .. 41	7 .. 19	6 .. 29 .. 36	12 .. 31	7 .. 10	9
7	2		4 .. 42	7 .. 18	7 .. 11 .. 30	13 .. 1	7 .. 53	10
8	3	♃ So. 10 .. 43	4 .. 42	7 .. 18	7 .. 23 .. 39	13 .. 33	8 .. 38	11
9	4		4 .. 43	7 .. 17	8 .. 6 .. 9	14 .. 11	9 .. 26	12
10	5	♂ ☽ ♃	4 .. 43	7 .. 17	8 .. 19 .. 0	14 .. 54	10 .. 17	13
11	6	Lyra So. 11 .. 7	4 .. 44	7 .. 16	9 .. 2 .. 13		11 .. 12	14
12	7		4 .. 44	7 .. 16	9 .. 15 .. 52	rise	12 .. 9	15
13	F	4th Sund. past Trin.	4 .. 45	7 .. 15	9 .. 29 .. 51	8 .. 18	13 .. 7	16
14	2		4 .. 45	7 .. 15	10 .. 14 .. 12	9 .. 6	14 .. 6	17
15	3		4 .. 46	7 .. 14	10 .. 28 .. 39	9 .. 46	15 .. 2	18
16	4	☿ great elong.	4 .. 47	7 .. 13	11 .. 13 .. 14	10 .. 24	15 .. 56	19
17	5		4 .. 47	7 .. 13	11 .. 27 .. 49	10 .. 58	16 .. 48	20
18	6	□ ♃ ♀	4 .. 48	7 .. 12	0 .. 12 .. 18	11 .. 28	17 .. 40	21
19	7	✶ ☉ ♄	4 .. 49	7 .. 11	0 .. 26 .. 41	11 .. 58	18 .. 32	22
20	E	5th Sund. past Trin.	4 .. 49	7 .. 11	1 .. 10 .. 56	12 .. 32	19 .. 25	23
21	2		4 .. 50	7 .. 10	1 .. 25 .. 2	13 .. 11	20 .. 19	24
22	3		4 .. 51	7 .. 9	2 .. 8 .. 55	13 .. 54	21 .. 13	25
23	A	☉ enters ♌	4 .. 52	7 .. 8	2 .. 22 .. 34	14 .. 44	22 .. 7	26
24	5		4 .. 53	7 .. 7	3 .. 6 .. 1	15 .. 38	23 .. 1	27
25	6	□ ♄ ☿	4 .. 54	7 .. 6	3 .. 19 .. 3		23 .. 55	28
26	7	☉ Eclip. invis	4 .. 54	7 .. 6	4 .. 2 .. 14	Sets		☽
27	E	6th Sund. past Trin.	4 .. 55	7 .. 5	4 .. 14 .. 50	7 .. 47	0 .. 46	1
28	2		4 .. 56	7 .. 4	4 .. 27 .. 15	8 .. 17	1 .. 32	2
29	3	Spica ♍ Sets, 10 .. 6	4 .. 57	7 .. 3	5 .. 9 .. 24	8 .. 46	2 .. 15	3
30	A	Dog Days begins	4 .. 58	7 .. 2	5 .. 21 .. 22	9 .. 14	2 .. 58	4
31	5	Days decrease 42 min.	4 .. 59	7 .. 1	6 .. 3 .. 11	9 .. 40	3 .. 41	5

1794

D. Lat

August

1 — 4 N
2 — 5 N
3 — 5 N
4 — 5 N
5 — 5 N
6 — 5 N
7 — 4 N
8 — 3 N
9 — 2 N
10 — 1 N
11 — 0 S
12 — 2 S
13 — 3 S
14 — 4 S
15 — 5 S
16 — 5 S
17 — 5 S
18 — 5 S
19 — 5 S
20 — 4 S
21 — 3 S
22 — 2 S
23 — 1 S
24 — 0 N
25 — 2 N
26 — 3 N
27 — 4 N
28 — 4 N
29 — 6 N
30 — 5 N
31 — 5 N

True time of new Moon in July 1794 } D 26 d 5 h 18 m P.M.

Semidiameter of the Earths disc
Suns distance from the nearest Solstice
Suns declination North
Moons Latitude South Ascending
Moons Horary Motion from the Sun
Angle of the Moons visible path with the Ecliptic
Suns Semidiameter
Moons Semidiameter
Semediameter of the penumbra

True time of Full Moon in August 1794 } D 11 d 2 h 35 m A.M

Moons Horizontal parallax
Suns Semidiameter
Moons Semidiameter
Semediameter of the Earths Shadow at the Moon
Moons Latitude South descending
Angle of the Moons visible path with the Ecliptic
Moons Horary Motion from the Sun

~~True Time of New Moon in August 1794~~ } ~~D 25 d 7 h 21 m A.M~~

~~Moons Horizontal parallax~~
~~Suns Semidiameter~~
~~Moons Semidiameter~~
~~Semidiameter of the Earths Shadow at the Moon~~
~~Moons Latitude North Ascending~~
~~Angle of the moons visible path with the Ecliptic~~
~~Moons Horary Motion~~

This Eclips ~~can~~ cannot be seen here, ~~the Moon having~~ ~~a North Latitude~~

True time of New Moon in August 1794 } D 25 d 7 h 20 m

Semidiameter of the Earths disc
Suns distance from the nearest Solstice
Suns declination North
Moons Latitude North Ascending
Moons Horary Motion from the Sun
Angle of the Moons visible path with the Ecliptic
Suns Semidiameter
Moons Semediameter
Semidiameter of the penumbra

1794 August Eighth Month hath 31 Days

Planets Places

D	☉	♄	♃	♂	♀	☿	☽'s Lat.
	♌	♉	♐	♍	♍	♌	
1	10	28	25	12	14	29	4 N.
7	15	28	25	16	21	26	4 N.
13	21	29	25	19	28	22	3 S.
19	27	29	25	22	♎ 5	17	5 S.
25	♍ 3	29	25	26	12	16	2 N.

First Q. 3 d 6 h 30 m Aft.
Full ☉ 11 d 2 h 35 m Morn.
Last Q. 17 d 6 h 51 m Aft.
New ☽ 25 d 7 h 23 m Morn.

☊ { 1 / 11 / 21 } ♌ { 18 / 17 / 17 } Deg.

H ☉	W ☽	Remarkable Days Aspects weather &c.	☉ rise	☉ Sets	☽ Long.	☽ Sets	☽ South	☽ Age
1	6	Lammas Day	5 h 0	7 h 0	6 d 14 h 55	10 h 6	4 h 24	6
2	7		5 h 1	6 h 59	6 d 26 m 37	10 h 32	5 h 6	7
3	E	7th Sund. past Trin.	5 h 2	6 h 58	7 d 8 m 24	11 h 0	5 h 48	8
4	2		5 h 3	6 h 57	7 d 20 m 20	11 h 29	6 h 30	9
5	3		5 h 4	6 h 56	8 d 2 m 27	12 h 3	7 h 18	10
6	4	Transfiguration	5 h 5	6 h 55	8 d 14 h 55	12 h 45	8 h 10	11
7	5	☌ ☽ ♃	5 h 6	6 h 54	8 d 27 m 44	13 h 35	9 h 2	12
8	6	♃ Stationary	5 h 7	6 h 53	9 d 10 m 58	14 h 33	9 h 56	13
9	7		5 h 8	6 h 52	9 d 24 m 39	15 h 34	10 h 52	14
10	E	□ ☉ ☌, 8th Sund. past Trin.	5 h 9	6 h 51	10 d 8 m 47		11 h 49	15
11	2	Dedip. vis. (St. Lawrence	5 h 10	6 h 50	10 d 23 m 14	rise	12 h 46	16
12	3	Bulls rise, 11 h 59	5 h 11	6 h 49	11 d 7 m 58	8 h 14	13 h 43	17
13	4		5 h 12	6 h 48	11 d 22 m 46	8 h 49	14 h 39	18
14	5	☌ ☉ ☿ Orient.	5 h 13	6 h 47	0 d 7 m 29	9 h 24	15 h 33	19
15	6		5 h 14	6 h 46	0 d 22 m 12	9 h 59	16 h 27	20
16	7		5 h 15	6 h 45	1 d 6 m 36	10 h 35	17 h 21	21
17	E	9th Sund. past Trin.	5 h 16	6 h 44	1 d 20 m 47	11 h 12	18 h 15	22
18	2		5 h 18	6 h 42	2 d 4 m 39	11 h 53	19 h 8	23
19	3	Pleiades rise 10 h 17	5 h 19	6 h 41	2 d 18 m 17	12 h 38	20 h 1	24
20	4		5 h 20	6 h 40	3 d 0 m 40	13 h 28	20 h 54	25
21	5	□ ☉ ♄	5 h 21	6 h 39	3 d 14 m 49	14 h 23	21 h 46	26
22	6		5 h 22	6 h 38	3 d 27 m 44	15 h 21	22 h 36	27
23	7	☉ enters ♍	5 h 23	6 h 37	4 d 10 m 26	16 h 22	23 h 25	28
24	E	10th Sund. past Trin. St. Bar.	5 h 24	6 h 36	4 d 23 m 0			29
25	2		5 h 26	6 h 34	5 d 5 m 20	Sets	0 h 12	☽
26	3	♃ Sets 11 h 58	5 h 27	6 h 33	5 d 17 m 31	7 h 15	0 h 58	1
27	4		5 h 28	6 h 32	5 d 29 m 36	7 h 43	1 h 43	2
28	5	St. Augustine	5 h 29	6 h 31	6 d 11 m 31	8 h 11	2 h 27	3
29	6	St. John Baptist beheaded	5 h 30	6 h 30	6 d 23 m 25	8 h 39	3 h 7	4
30	7		5 h 32	6 h 28	7 d 5 m 18	9 h 8	3 h 49	5
31	E	☿ great. elong. 11th Sund. p. Trin	5 h 33	6 h 27	7 d 17 m 15	9 h 37	4 h 33	6

1794

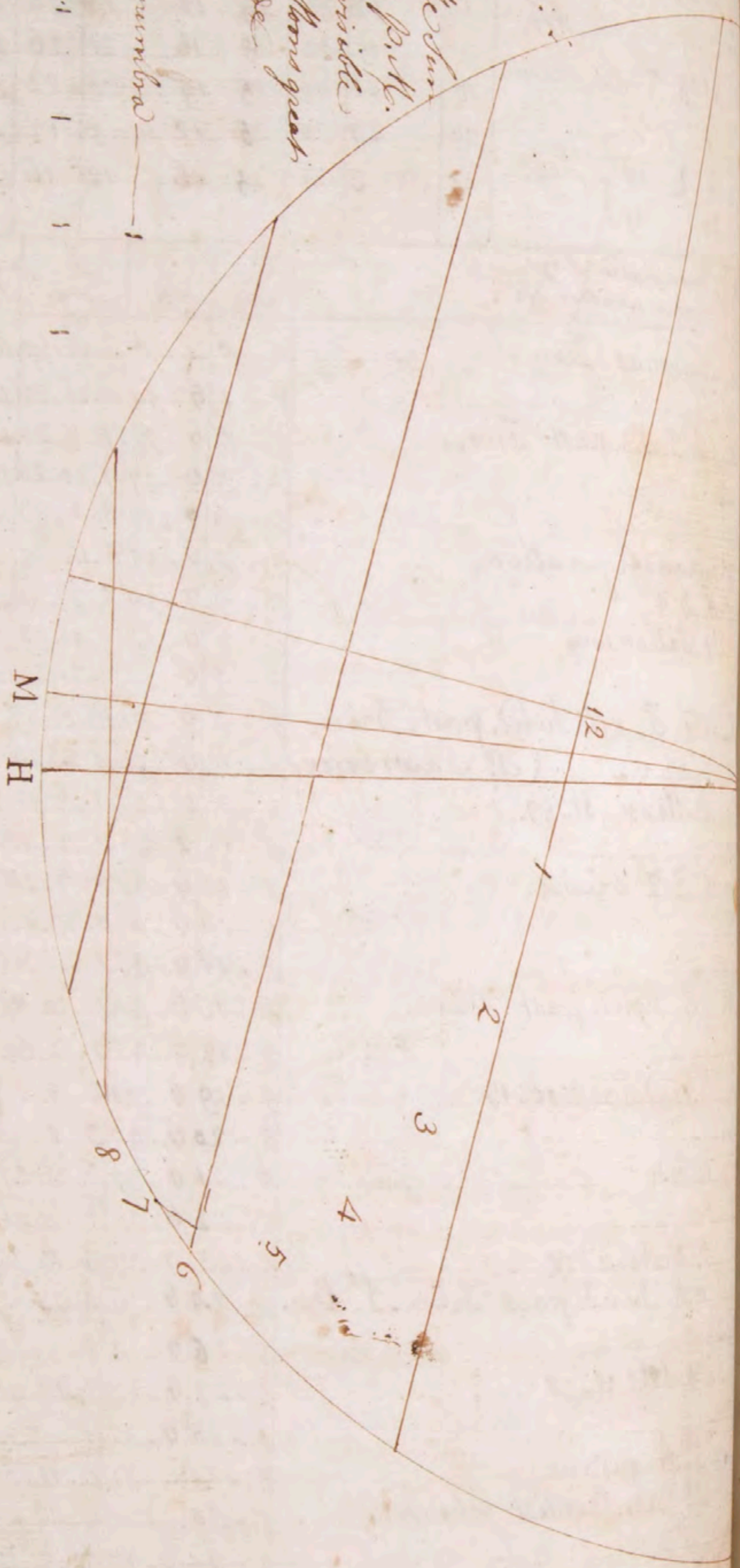
D^r. Lat.

September

1	5 N
2	5 N
3	4 N
4	3 N
5	2 N
6	1 N
7	0 N
8	0 S
9	1 S
10	2 S
11	3 S
12	4 S
13	5 S
14	5 S
15	5 S
16	4 S
17	3 S
18	2 S
19	1 S
20	0 N
21	1 N
22	2 N
23	3 N
24	4 N
25	5 N
26	5 N
27	5 N
28	5 N
29	5 N
30	4 N

An Eclipse of the Sun July 26.. 5.. 18 P.M. Appears to be invisible In ac^t of the Moons great South Latitude &c

Semid. of penumbra



1794 September Ninth Month hath 30 Days

	D	H	M	
First ☽	2	8	0	Morn
Full ○	9	10	37	Morn
Last ☾	16	3	26	Morn
New ☽	23	11	40	Aft.

☊ { 1, 11, 21 } ♌ { 16, 16, 15 } Deg.

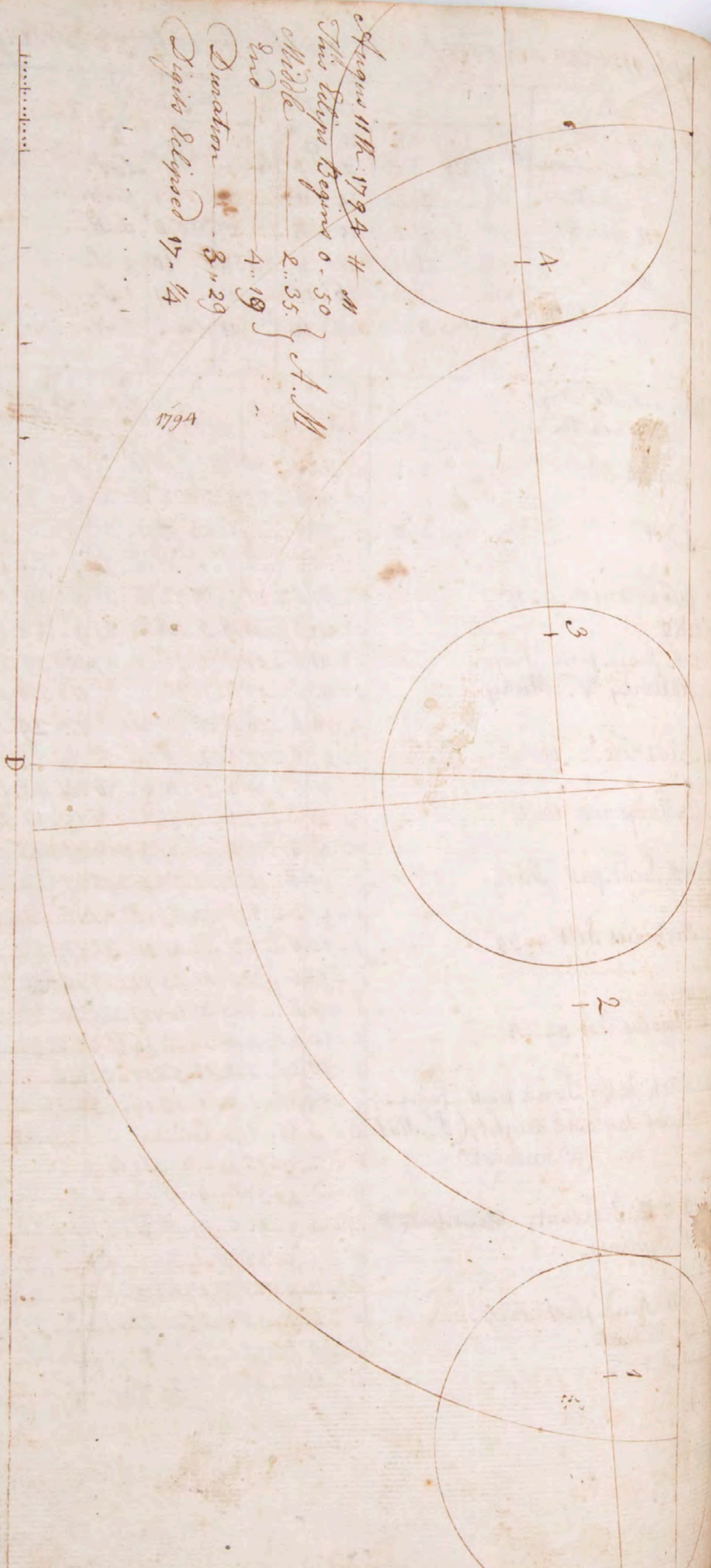
Planets Places

D	☉	♄	♃	♂	♀	☿	☽'s Lat.
	♍	♉	♐	♐	♎	♌	
1	9	29	25	0	20	21	5 N.
7	15	29	25	4	27	♍ 0	0 N.
13	21	29	26	8	♏ 4	10	5 S.
19	27	29	26	12	11	21	1 S.
25	♎ 3	29	27	16	18	♎ 2	5 N.

M D	W D	Remarkable Days Aspects weather &c.	☉ rise	☉ sets	☽ Long.	☽ Sets	☽ South	☽ Age
1	2	Days 12..52	5..34	6..26	7..29..10	10..9	5..19	7
2	3		5..35	6..25	8..11..26	10..48	6..7	8
3	4	☌ ☽ ♃ Dog Days ends	5..36	6..24	8..23..57	11..35	7..0	9
4	5		5..38	6..22	9..6..47	12..30	7..54	10
5	6	Pleiades rise 9..15	5..39	6..21	9..20..2	13..30	8..49	11
6	7	□ ♄ ☿	5..40	6..20	10..3..44	14..35	9..44	12
7	E	12th Sund. past Trin.	5..41	6..19	10..17..50	15..47	10..39	13
8	2	Nativity V. Mary	5..43	6..17	11..2..23		11..34	14
9	3		5..44	6..16	11..17..12	rise	12..29	15
10	4	Sirius rise 2..15	5..45	6..15	0..2..8	7..22	13..25	16
11	5		5..46	6..14	0..17..4	7..58	14..21	17
12	6	Bulls eye rise 10..6	5..48	6..12	1..1..51	8..36	15..17	18
13	7		5..49	6..11	1..16..19	9..16	16..13	19
14	E	13th Sund. past Trin.	5..50	6..10	2..0..29	9..58	17..9	20
15	2		5..52	6..8	2..14..19	10..42	18..4	21
16	3	Arcturus Sets 9..39	5..53	6..7	2..27..45	11..32	18..57	22
17	4		5..54	6..6	3..10..53	12..27	19..50	23
18	5	□ ☉ ♃	5..55	6..5	3..23..44	13..25	20..42	24
19	6	Regulus rise 3..24	5..56	6..4	4..6..23	14..25	21..31	25
20	7		5..58	6..2	4..18..52	15..25	22..17	26
21	E	△ ☉ ♄, 14th Sund. past Trin.	5..59	6..1	5..1..10	16..25	23..2	27
22	2	Equal day and night, (S^t. Mat	6..0	6..0	5..13..23		23..47	28
23	3	(☉ enters ♎	6..2	5..58	5..25..31	Sets		☽
24	4		6..3	5..57	6..7..35	6..22	0..32	1
25	5	☌ ☉ ☿, Occident. ~~☉ enters ♎~~	6..4	5..56	6..19..38	6..51	1..16	2
26	6	S^t. Cyprian	6..5	5..55	7..1..39	7..21	2..0	3
27	7		6..7	5..53	7..13..47	7..52	2..44	4
28	E	15th Sund. past Trin.	6..8	5..52	7..25..51	8..24	3..27	5
29	2	S^t. Michael	6..9	5..51	8..8..0	8..59	4..12	6
30	3	☌ ☽ ♃	6..11	5..49	8..20..29	9..42	5..0	7

1794
D's Lat
October

1	4 N
2	3 N
3	2 N
4	0 N
5	1 S
6	2 S
7	3 S
8	4 S
9	5 S
10	5 S
11	5 S
12	5 S
13	4 S
14	3 S
15	2 S
16	1 S
17	0 S
18	1 N
19	2 N
20	3 N
21	4 N
22	4 N
23	5 N
24	5 N
25	5 N
26	5 N
27	4 N
28	4 N
29	3 N
30	2 N
31	0 N



1794 October Tenth Month hath 31 Days

First ☽. 1. 11. 5 Aft
Full ○ 8. 7. 6 Aft
Last ☽. 15. 5. 32 Aft
New ☽ 23. 5. 16 Aft
First ☽. 31. 0. 0 Noon

☊ { 1 ♌ 15, 11 15, 21 14 } Deg.

Planets Places

☽	☉	♄	♃	♂	♀	☿	☽ Lat.
	♎	♉	♐	♐	♏	♎	Lat.
1	9	29	27	20	24	13	4 N.
7	15	29	28	24	♐ 1	22	3 S.
13	21	28	29	28	7	♏ 2	4 S.
19	27	28	♑ 0	♑ 3	13	12	2 N.
25	♏ 3	28	1	8	19	20	5 N.

M D	W D	Remarkable Days Aspects weather &c	☉ rise	☉ sets	☽ Long.	☽ sets	☽ South	☽ Age
1	4	Days decrease 3..8	6..12	5..48	9..3..9	10..31	5..54	8
2	5		6..13	5..47	9..16..6	11..26	6..45	9
3	6	pleiades rise..7..34	6..14	5..46	9..29..5	12..27	7..37	10
4	7		6..15	5..45	10..13..3	13..33	8..31	11
5	E	16th Sund. past Trin.	6..17	5..43	10..27..9	14..45	9..27	12
6	2	Sirius rise. 12..43	6..18	5..42	11..11..38	16..0	10..25	13
7	3		6..19	5..41	11..26..24		11..22	14
8	4	procyon rise 12..11	6..20	5..40	0..11..22	rise	12..18	15
9	5		6..22	5..38	0..26..22	6..40	13..14	16
10	6	Bulls eye So. 4..24	6..23	5..37	1..11..15	7..18	14..10	17
11	7		6..24	5..36	1..25..49	7..59	15..6	18
12	E	17th Sund. past Trin.	6..25	5..35	2..10..2	8..43	16..2	19
13	2		6..27	5..33	2..23..50	9..35	16..58	20
14	3	☌ ♃ ♂	6..28	5..32	3..7..14	10..29	17..52	21
15	4		6..29	5..31	3..20..12	11..25	18..44	22
16	5	♀ Sets 7..53	6..30	5..30	4..2..51	12..25	19..34	23
17	6		6..32	5..28	4..15..15	13..25	20..22	24
18	7	St. Luke	6..33	5..27	4..27..27	14..25	21..8	25
19	E	18th Sund. past Trin.	6..34	5..26	5..9..32	15..25	21..52	26
20	2		6..35	5..25	5..21..33	16..24	22..34	27
21	3		6..36	5..24	6..3..33	17..21	23..14	28
22	4	♀ great elong.	6..38	5..22	6..15..34		23..54	29
23	5	☉ enters ♏	6..39	5..21	6..27..36	Sets	—	☽
24	6		6..40	5..20	7..9..45	5..46	0..38	1
25	7	Crispin	6..41	5..19	7..22..0	6..21	1..24	2
26	E	19th Sund. past Trin.	6..42	5..18	8..4..20	6..59	2..12	3
27	2		6..44	5..16	8..16..49	7..41	3..4	4
28	3	☌ ☽ ♃. St. Simon & Jude	6..45	5..15	8..29..31	8..29	3..56	5
29	4		6..46	5..14	9..12..23	9..25	4..48	6
30	5	pleiades So. 1..20	6..47	5..13	9..25..33	10..27	5..42	7
31	6	Days 10..24	6..48	5..12	10..8..57	11..33	6..36	8

1794

D^s	Lat
Novemb.	
1	1 S
2	2 S
3	3 S
4	4 S
5	5 S
6	5 S
7	5 S
8	5 S
9	4 S
10	3 S
11	2 S
12	1 S
13	0 S
14	1 N
15	2 N
16	3 N
17	4 N
18	5 N
19	5 N
20	5 N
21	5 N
22	5 N.
23	4 N.
24	4 N.
25	3 N.
26	2 N
27	1 N
28	1 S
29	2 S
30	3 S

There will be Six Eclipses for the year 1794 Viz^3 four of the Sun two of the Moon

First of the Sun January 31st. 51. min. past 6 in the morning the Eclips being over about 12 min before Sun rise

The Second is a ~~partly~~ ~~and~~ total & ~~central~~ partly visible Eclips of the Moon February 15th in the

Beginning	3 .. 34	
Middle	5 .. 28	P. M.
End	7 .. 20	
Duration	3 .. 46	Digits Eclipsed 21 .. ½

NB The Moon rises totally Eclipsed

The third of the Sun March 1st. 3 min. past 5. P M. invisible, the Moon having great South Latitude

The fourth of the Sun July 26th. 18 min. past 5 in the Evening but the Moons Latitude is too far South to afford any part of the to be Seen in this part of the globe

The fifth ~~of the Moon August 11th~~ is a total and visible Eclips of the Moon A. M. Augt. 11th. A.

	h	m	
Beginning	0	50	
Middle	2	35	A. M
End	4	19	Digits Eclipsed 17 ¼
Duration	3	29	

~~The Sixth and last is of the Sun July 26th. 18 min past 5 in~~ ~~afternoon invisible~~

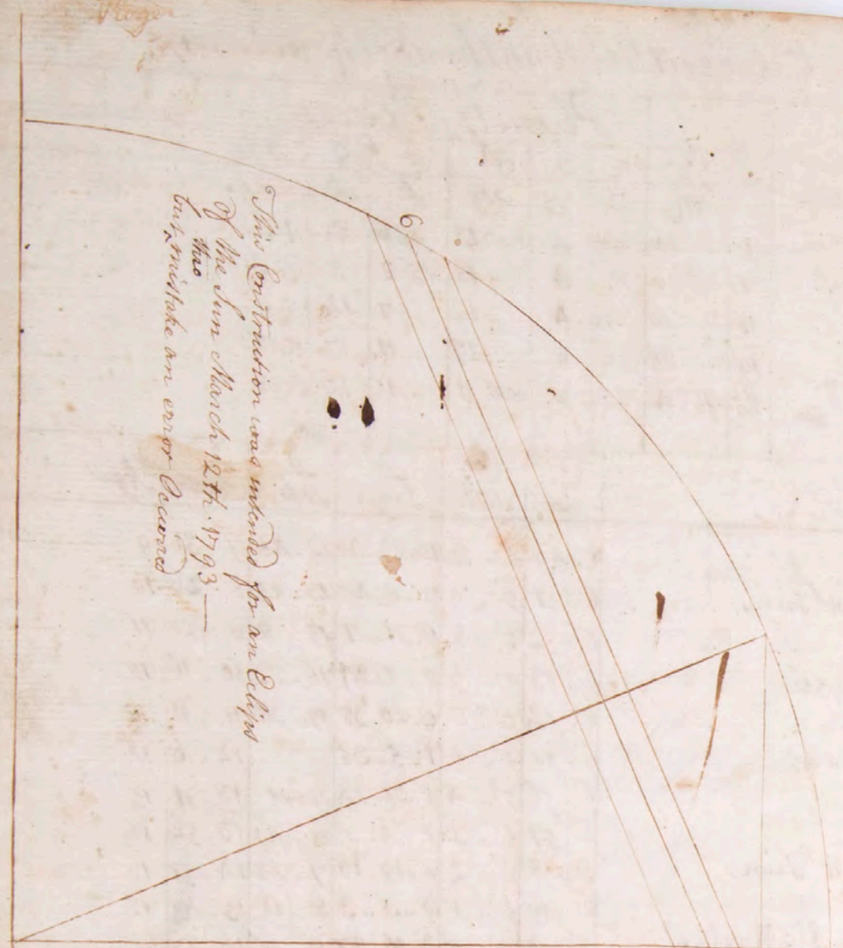
The Sixth and last is of the Sun August 25th, 23 min past 7 in Morning invisible, the Moon having great ~~South~~ North Latitude

1794 November Eleventh Month hath 30 Days

Planets Places

	D	☉	♄	♃	♂	♀	☿	☽'s Lat.
Full ○ 7 .. A .. 22 Morn		♏	♉	♍	♍	♐	♐	
Last ☾ 1A .. 8 .. 0 Morn	1	10	28	2	13	26	0	1 S.
New ☽ 22 .. 11 .. 20 Morn	7	16	27	3	18	♍ 2	8	5 S.
First ☾ 29 .. 8 .. 7 Aft.	13	22	27	A	22	7	1A	0 S.
	19	28	26	6	27	11	17	5 N.
☌ 1 ♑ 13 Deg.	25	♐ A	25	7	♒ 1	15	16	3 N.
☌ 11 ♑ 13 Deg.								
☌ 21 ♑ 12								

M.	D.	Remarkable Days Aspects weather &c.	☉ rise	☉ Sets	☽ Long^s.	☽ Sets	☽ South	☽ Age
	W							
1	7	All Saints	6 .. A9	5 .. 11	10 .. 22 .. A1	12 .. A3	7 .. 31	9
2	E	20th Sund. past Trin.	6 .. 51	5 .. 9	11 .. 6 .. A5	13 .. 55	8 .. 26	10
3	2		6 .. 52	5 .. 8	11 .. 21 .. 7	15 .. 8	9 .. 21	11
A	3	pleiades So. 12 .. 56	6 .. 53	5 .. 7	0 .. 5 .. A7	16 .. 23	10 .. 16	12
5	A		6 .. 54	5 .. 6	0 .. 20 .. 38	17 .. 38	11 .. 11	13
6	5	Sirius rise 10 .. 45	6 .. 55	5 .. 5	1 .. 5 .. 35		12 .. 6	1A
7	6		6 .. 56	5 .. A	1 .. 20 .. 2A	rise	13 .. 1	15
8	7	☿ Sets 7 .. 56	6 .. 57	5 .. 3	2 .. 5 .. 0	6 .. A1	13 .. 56	16
9	E	21st Sund. past Trin.	6 .. 58	5 .. 2	2 .. 19 .. 16	7 .. 28	14 .. 51	17
10	2		6 .. 59	5 .. 1	3 .. 3 .. 3	8 .. 18	15 .. 45	18
11	3	☿ great. elong. St. Martin	7 .. 0	5 .. 0	3 .. 16 .. 27	9 .. 12	16 .. 37	19
12	A		7 .. 1	A .. 59	3 .. 29 .. 23	10 .. 10	17 .. 27	20
13	5	Days 9 .. 56	7 .. 2	A .. 58	A .. 11 .. 57	11 .. 12	18 .. 15	21
1A	6		7 .. 3	A .. 57	A .. 2A .. 17	12 .. 1A	19 .. 2	22
15	7		7 .. A	A .. 56	5 .. 6 .. 16	13 .. 16	19 .. A8	23
16	E	22nd. Sunday past Trin.	7 .. 5	A .. 55	5 .. 18 .. 9	1A .. 16	20 .. 32	2A
17	2		7 .. 6	A .. 54	5 .. 29 .. 52	15 .. 16	21 .. 15	25
18	3	☌ ☉ ♄ Occident.	7 .. 7	A .. 53	6 .. 11 .. A5	16 .. 16	21 .. 58	26
19	A		7 .. 8	A .. 52	6 .. 23 .. 38	17 .. 1A	22 .. A1	27
20	5	Days decrease 5 .. 0	7 .. 8	A .. 52	7 .. 5 .. 37	18 .. 12	23 .. 2A	28
21	6		7 .. 9	A .. 51	7 .. 17 .. A6			29
22	7	☉ enters ♐	7 .. 10	A .. 50	8 .. 0 .. 7	Sets	0 .. 7	☽
23	E	23d. Sund. past Trin.	7 .. 11	A .. 49	8 .. 12 .. 37	5 .. 32	0 .. 51	1
2A	2		7 .. 12	A .. 48	8 .. 25 .. 21	6 .. 14	1 .. 37	2
25	3	☌ ☽ ♃	7 .. 12	A .. 48	9 .. 8 .. 19	7 .. A	2 .. 27	3
26	A		7 .. 13	A .. A7	9 .. 21 .. 30	8 .. 2	3 .. 21	4
27	5	pleiades So. 11 .. 21	7 .. 1A	A .. A6	10 .. A .. 5A	9 .. 8	A .. 17	5
28	6		7 .. 15	A .. A5	10 .. 18 .. 33	10 .. 21	5 .. 13	6
29	7		7 .. 15	A .. A5	11 .. 2 .. 25	11 .. 35	6 .. 9	7
30	E	Advent Sund.	7 .. 16	A .. A4	11 .. 16 .. 31	12 .. A8	7 .. 5	8



1794
D^s Lat.
Decemb
1 — 4 S
2 — 5 S
3 — 5 S
4 — 5 S
5 — 5 S
6 — 4 S
7 — 3 S
8 — 2 S
9 — 1 S
10 — 0 S
11 — 1 N
12 — 2 N
13 — 3 N
14 — 4 N
15 — 4 N
16 — 5 N
17 — 5 N
18 — 5 N
19 — 5 N
20 — 4 N
21 — 4 N
22 — 3 N
23 — 2 N
24 — 1 N
25 — 0 S
26 — 2 S
27 — 3 S
28 — 4 S
29 — 5 S
30 — 5 S
31 — 5 S

1794 December Twelfth Month hath 31 Days

D H M
Full ☽ 6 .. 3 .. 51 Aft
Last 2 .. 13 .. 2 .. 0 Morn
New ☽ 22 .. 4 .. 24 Morn
First 2 .. 30 .. 5 .. 36 Morn

☉ 1 / 11 / 21 ♐ 12 / 11 / 10 Deg.

Planets Places

D	☉	♄	♃	♂	♀	☿	☽ v
	♐	♉	♍	♒	♍	♐	Lat.
1	10	25	8	6	17	9	4 S.
7	16	24	9	10	19	2	3 S.
13	22	24	11	15	20	2	3 N.
19	28	23	12	19	19	6	5 N.
25	♍ 4	23	13	24	17	13	0 S.

M	W	D		☉ rise	☉ Sets	☽ Long.	☽ Sets	☽ South	☽ Age
1	2		♂ ☉ ☿ Orient	7 .. 16	4 .. 44	0 .. 0 .. 51	14 .. 1	7 .. 59	9
				7 .. 17	4 .. 43	0 .. 15 .. 23	15 .. 12	8 .. 52	10
2	3			7 .. 18	4 .. 42	1 .. 0 .. 1	16 .. 24	9 .. 46	11
3	4		♀ Sets 7 .. 12	7 .. 18	4 .. 42	1 .. 14 .. 49	17 .. 36	10 .. 40	12
4	5		Days . 9 .. 24	7 .. 19	4 .. 41	1 .. 29 .. 32		11 .. 35	13
5	6								
6	7		St. Nicholas	7 .. 19	4 .. 41	2 .. 14 .. 1	rise	12 .. 30	14
7	E		2nd Sund. in Advent	7 .. 20	4 .. 40	2 .. 28 .. 11	6 .. 1	13 .. 24	15
8	2		Concept. V. Mary	7 .. 20	4 .. 40	3 .. 12 .. 1	7 .. 0	14 .. 18	16
9	3			7 .. 20	4 .. 40	3 .. 25 .. 24	8 .. 0	15 .. 11	17
10	4		Sirius rise 8 .. 22	7 .. 21	4 .. 39	4 .. 8 .. 22	9 .. 1	16 .. 3	18
11	5			7 .. 21	4 .. 39	4 .. 20 .. 56	10 .. 3	16 .. 53	19
12	6		pleiades So. 10 .. 16	7 .. 21	4 .. 39	5 .. 3 .. 10	11 .. 5	17 .. 39	20
13	7			7 .. 21	4 .. 39	5 .. 15 .. 7	12 .. 3	18 .. 21	21
14	E		~~Bulls eye So. 10 .. 56~~ 3d. Sund. in	7 .. 22	4 .. 38	5 .. 26 .. 54	13 .. 1	19 .. 3	22
15	2		(Advent	7 .. 22	4 .. 38	6 .. 8 .. 35	13 .. 59	19 .. 45	23
16	3		Days Decrease 5 .. 28	7 .. 22	4 .. 38	6 .. 20 .. 18	14 .. 56	20 .. 27	24
17	4			7 .. 22	4 .. 38	7 .. 2 .. 0	15 .. 53	21 .. 10	25
18	5		Days 9 .. 16	7 .. 22	4 .. 38	7 .. 13 .. 53	16 .. 50	21 .. 55	26
19	6			7 .. 22	4 .. 38	7 .. 25 .. 57	17 .. 48	22 .. 41	27
20	7		☿ great elong: Short Day	7 .. 22	4 .. 38	8 .. 8 .. 17	18 .. 47	23 .. 28	28
21	E		St. Thomas, 4th Sund. in Advent	7 .. 22	4 .. 38	8 .. 20 .. 52			29
22	2		☉ enters ♑, ☌ ☽ ♃	7 .. 22	4 .. 38	9 .. 3 .. 46	Sets	0 .. 16	☽
23	3			7 .. 22	4 .. 38	9 .. 16 .. 58	5 .. 47	1 .. 6	1
24	4			7 .. 22	4 .. 38	10 .. 0 .. 26	6 .. 47	1 .. 58	2
25	5		Christmas	7 .. 22	4 .. 38	10 .. 14 .. 9	7 .. 53	2 .. 52	3
26	6		St. Stephen	7 .. 22	4 .. 38	10 .. 28 .. 4	9 .. 5	3 .. 48	4
27	7		St. John	7 .. 22	4 .. 38	11 .. 12 .. 29	10 .. 19	4 .. 43	5
28	E		Innocent. 1st Sund. past Chris.	7 .. 21	4 .. 39	11 .. 26 .. 25	11 .. 31	5 .. 37	6
29	2			7 .. 21	4 .. 39	0 .. 10 .. 45	12 .. 43	6 .. 30	7
30	3			7 .. 21	4 .. 39	0 .. 25 .. 13	13 .. 56	7 .. 22	8
31	4		Silvester	7 .. 20	4 .. 40	1 .. 9 .. 44	15 .. 8	8 .. 12	9

1793
may 15 Due Doct. Hulse — £3..16..9
Cash paid him — £3..16..9

Longitude ☿	Anomally ☿	Longitude ♀	Anomally ♀	Longitude ♂	Anom
S 0 1	S 0 1	S 0 1	S 0 1	S 0 1	S
1795 2..0..50	5..0..10	3..9..34	5..1..34	6..15..27	10..1

As the Moons Diurnal motion in Degrees and minutes, is to that motion turned into time, so is 2..44 the Moons obit motion between the Meridian of Greenwich and that of Baltimore to a fourth proportional number which must be added to the moons apparant Southing to reduce it to the mean time Southing)

NB The above must be farther examined before I can pass the truth —

As the Moons Diurnal motion turned into time is to 24 hours so is 5 hours, the difference between the meridian of Greenwich and that of Baltime, to a fourth proportional number which must be added to the moon Southing on the Meridian of Greenwich to reduce it to meridian of Baltimore

When the Moons Diurnal motion	min
is 11, add to her Southing	9
When 12° add	10
When 13° add	11
When 14 add	12
When 15 add	13

Common Notes and Moveable Feasts for the Year 1795

Dominical letter	D	Easter Sunday,	April
Cycle of the Sun	12	Ascension Day,	May
Golden Number	10	Whitsunday,	May
Epact	9	Trinity Sunday,	May
Number of Direction	15	Advent Sunday,	November

Four Eclipses for the Year 1795, Viz. two of each Luminary —
First of the Sun, January 20th. invisible in the united States of America
☌ at 7h. 20m. P.M. ☉ true place ♒ 1°..2' ☉ is centrally eclipsed on the ☊ at 7h. 26m. in Longitude 111° ½ west from the Meridian of Baltimore, and 25¼ North —

Second is a visible eclips of the Moon Feb. 3d. at 7h. 46min. P.M.

	h	m	
Beginning	6	31	P.M.
Greatest obscuration	7	49	P.M.
End	9	7	digits eclipsed 7½ on her South Limb
Whole duration	2	36	

for the other two Eclipses turn over —

1795 January First Month hath 31 Days.

Full ☽ D 5 H 4 M 39 Morn
Last ☽ 12..10..59 aft.
New ☽ 20..7..20 Aft.
First ☽ 27..4..16 aft.
Equation added
δδ { 1 11 21 ♌ 10 9 9 } deg.

Planets Places

D	☉	♄	♃	♂	♀	☿	☽ Lat.
	♒	♂	♒	♒	♒	♐	
1	11	23	14	29	12	22	5 S.
7	17	23	16	♓ 4	9	♒ 1	0 N.
13	24	23	17	9	6	10	5 N.
19	♒ 0	23	19	13	4	19	2 N.
25	6	23	20	18	4	29	4 S.

M D	W D	Remarkable Days Aspects weather &c.		☉ rise	☉ sets	☽ place	☽ Sets	☽ South	☽ age
1	5	Circumcision	wind	7..20	4..40	♂ 22	45 36	9..31	10
2	6	☌ ☉ ♀ Orient.	with	7..20	4..40	♊ 7	16 43	9..59	11
3	7		flying	7..20	4..40	21	..54	10..26	12
4	D	2nd. Sund past Chris.	Clouds	7..19	4..41	♋ 5	1..53	11..54	13
5	2	☌ ☉ ♃ Orient		7..19	4..41	19	rise	12..51	14
6	3	Epiphany	rain	7..18	4..42	♌ 6	29	13..46	15
7	4		or	7..18	4..42	16	7..28	♎ 35	16
8	5	pleiades So. 8..15	Snow	7..17	4..43	29	8..21	15..23	17
9	6			7..17	4..43	♍ 11	9..25	16..58	18
10	7	Days increase 12 min.		7..16	4..44	24	10..22	16..50	19
11	D	1st Sund. past Epip	Cold	7..15	4..45	♎ 6	11..19	17..33	20
12	2	△ ☉ ♄		7..15	4..45	18	12..16	18..13	21
13	3		freezing	7..14	4..46	29	13..13	18..57	22
14	4	Days 9..34		7..13	4..47	♏ 11	14..10	19..40	23
15	5			7..13	4..47	23	15..7	20..25	24
16	6	Sirius So. 10..41	weather	7..12	4..48	♐ 5	16..4	21..14	25
17	7			7..11	4..49	18	17..2	22..6	26
18	D	2nd. Sund. past Epip.	Snow	7..10	4..50	♑ 1	18..1	22..59	27
19	2	☌ ♂ ♀, ☌ ☽ ♃, ☉ enters ♒		7..10	4..50	14		23..53	28
20	3	☉ eclipsed invis	with	7..9	4..51	27	Sets	☌	☽
21	4			7..8	4..52	♒ 11	5..35	0..49	1
22	5	♀ Stationary	wind,	7..7	4..53	24	6..41	1..44	2
23	6	♄ Stationary		7..6	4..54	♓ 8	7..48	2..39	3
24	7			7..5	4..55	22	8..55	3..32	4
25	D	3d. Sund. past Epip	Cloudy	7..4	4..56	♈ 7	10..3	4..23	5
26	2			7..3	4..57	21	11..11	5..13	6
27	3	pleiades Sets 2..18	and	7..2	4..58	♉ 5	12..19	6..7	7
28	4		cold,	7..1	4..59	20	13..27	6..56	8
29	5	Days increase 44 min.		7..0	5..0	♊ 4	14..34	7..53	9
30	6		Snow	6..59	5..1	18	15..42	8..47	10
31	7	Sirius So 9..38	or rain	6..58	5..2	♋ 1	16..43	9..42	11

The rising, setting, and southing of the Moon in this page is corrupt therefore turn over —

1795 January ~~Second~~ First Mo

	☽ sets	☽ South
1	15..44	8..59
2	16..57	9..54
3	17..58	10..51
4		11..48
5	rise	12..45
6	6..33	13..39
7	7..34	14..28
8	8..34	15..15
9	9..29	16..0
10	10..26	16..43
11	11..22	17..24
12	12..18	18..5
13	13..13	18..47
14	14..9	19..30
15	15..5	20..15
16	16..4	21..3
17	17..3	21..55
18	18..2	22..48
19	Sets	23..42
20	Sets	☌
21	5..31	0..37
22	6..39	1..32
23	7..47	2..27
24	8..55	3..19
25	10..3	4..10
26	11..10	5..1
27	12..19	5..53
28	13..26	6..45
29	14..33	7..39
30	15..38	8..34
31	16..40	9..29

according to common reckoning ☽ sets 3..44 January 2d.
Sets 3..38 January 31th
Feb 1 ☽ Sets 4..40
Feb 28 Sets 2..36

The Elements for an Eclips of the Sun January 20th

True time of New Moon in ~~January~~ January 1795 — D. 20.. H. 7.. M. 20 P..M
Semidiameter of the Earths Disc — 0..57
Sun from nearest Solstice — 30..0
Suns Declination South — 20..
Moons Latitude North Descending — 0..
Moons Horary motion from the Sun — 0..
Angle of the Moons visible path with the Ecliptic — 5..
Suns Semidiameter — 0..
Moons Semidiameter — 0..
Semidiameter of the penumbra — 0..

The Elements for an Eclips of the moon February 3..

True time of Full Moon in February 1795 } 3..
Moons Horizontal paralax 0..
Suns Semidiameter 0..
Moons Semidiameter 0..
Semidiameter of the Earths Shadow at the Moon 0..
Moons true Latitude North Ascending 0..
Angle of near visible path with the Ecliptic 5..
Her true horary motion from the Sun 0..

The third Eclips for the year 1795, is of the Sun July 16th invisible in the united States of America, ☌ at 2h. 37 m. in Long 3 s.. 23 °.. 38 ′, ☉ is centrally Eclipsed on the Meridian 2h. 41 m. in Longitude 139°. ½ east from the Meridian of and Lat 10 ¼ South.

Fourth and last is of the Moon July 31st. at 59 minutes past 0. clock in the after noon, invisible in these States; the Moon Eclipsed 2 ½ digits on her North Limb at Greenwich —

1795 February Second Month hath 28 Days

	D.	H.	M.	
Full ○	3..	7..	46	Aft.
Last ☾	11..	9..	23	aft.
New ☽	19..	8..	19	morn
First ☽	26..	0..	16	morn (Equation added)

☊ { 1 ♌ 8, 11 8, 21 7 } deg.

Planets Places							
☽	☉	♄	♃	♂	♀	☿	☽'s
	♒	♉	♑	♓	♑	♒	Lat.
1	13	23	22	23	6	11	2 S.
7	19	23	23	28	9	21	4 N.
13	25	23	24	♈ 2	12	♓ 2	4 N.
19	♓ 1	23	26	7	17	13	2 S.
25	7	24	27	11	22	23	5 S.

M D	W D	Remarkable Days Aspects weather &c.		☉ rise	☉ sets	☽'s place	☽ sets	☽ south	☽'s age
1	D	~~Septuagesim~~ Septuagesima Sund. ⚹♄♂		6..57	5..3	♋ 15	~~17..11~~	~~10..28~~	12
2	2	purification V. Mary		6..56	5..4	28		~~11..21~~	13
3	3	☽ eclip. vis.	high	6..55	5..5	♌ 11	rise	~~12..14~~	14
4	4	☌ ☉ ☿ Occident,		6..54	5..6	24	~~6..14~~	13..3	15
5	5		wind	6..53	5..7	♍ 7	~~7..14~~	13..49	16
6	6		with	6..52	5..8	19	8..14	14..35	17
7	7	△♄♃		6..51	5..9	♎ 1	9..11	15..18	18
8	D	Sexagesima Sund. □♄☿		6..50	5..10	13	10..7	16..0	19
9	2		snow	6..49	5..11	25	11..1	16..41	20
10	3	Days 10..24		6..48	5..12	♏ 7	11..58	17..24	21
11	4	□☉♄	flying	6..46	5..14	19	12..55	18..8	22
12	5		clouds	6..45	5..15	♐ 1	13..53	18..55	23
13	6			6..44	5..16	13	14..50	19..44	24
14	7	Valentine	cold	6..43	5..17	26	15..46	20..35	25
15	D	Quinqua. Sund.		6..42	5..18	♑ 8	16..42	21..29	26
16	2	☌☽♃	with	6..40	5..20	21	17..34	22..23	27
17	3	Shrove Tuesday		6..39	5..21	♒ 5	18..22	23..19	28
18	4	Ash wednesday, ☉ enters ♓		6..38	5..22	19		☌	29
19	5		hard	6..36	5..24	♓ 3	Sets	aft. 15	☽
20	6	pleiades Sets 12..41		6..35	5..25	18	6..38	1..9	1
21	7		frost	6..34	5..26	♈ 2	7..50	2..3	2
22	D	1st. Sund. in Lent		6..33	5..27	17	9..1	2..56	3
23	2			6..32	5..28	♉ 2	10..11	3..50	4
24	3	St. Matthias	with	6..31	5..29	16	11..21	4..43	5
25	4	⚹♀☿	snow	6..30	5..30	♊ 0	12..27	5..36	6
26	5		more	6..28	5..32	14	13..33	6..39	7
27	6			6..27	5..33	28	14..37	7..27	8
28	7	Days increase 1..52	moderate	6..26	5..34	♋ 12	15..36	8..23	9

The rising, Setting, and Southing of the Moon in the above page is corrupt, therefore turn over,

♀ Will be evening Star until the Second day of January, and then morning Star untill the 16 th day of October, and then evening Star untill the end of the year

1795

February	☽ Sets	☽ South	March	☽ Sets	☽ South
1	17..38	10..25		16..26	9..14
2		11..18		17..12	10..6
3	rise	12..11		17..54	10..56
4	6..12	13..0			11..43
5	7..11	13..46		rise	12..29
6	8..9	14..30		7..1	13..13
7	9..6	15..13		7..57	13..54
8	10..2	15..55		8..53	14..36
9	10..56	16..36		9..50	15..19
10	11..53	17..19		10..46	16..3
11	12..51	18..3		11..42	16..48
12	13..50	18..50		12..39	17..35
13	14..46	19..39		13..35	18..24
14	15..41	20..30		14..30	19..16
15	16..36	21..24		15..23	20..10
16	17..31	22..20		16..13	21..6
17	18..20	23..17		17..0	22..2
18		☌		17..42	22..57
19	Sets	0..13			23..52
20	6..35	1..8		Sets	☌
21	7..49	2..2		6..45	0..48
22	8..59	2..55		7..58	1..43
23	10..9	3..48		9..12	2..39
24	11..19	4..41		10..23	3..35
25	12..27	5..35		11..32	4..31
26	13..32	6..29		12..37	5..28
27	14..36	7..26		13..37	6..24
28	15..36	8..22		14..32	7..19
29				15..19	8..11
30				16..2	9..2
31				16..38	9..50

The Elements for an Eclips of the Moon

True time of Full Moon in February, 1795	D 3 H 7 M 46 P.[illegible]
Moons Horizontal paralax	0..[illegible]
Sun's Semidiameter	0..[illegible]
Moons Semidiameter	0..[illegible]
Semidiameter of the Earths Shad. at ☽	0..[illegible]
Moons Latitude North Ascending	0..[illegible]
Moons visible path with the Ecliptic	0..[illegible]
Her true Horary motion from the Sun	0..[illegible]

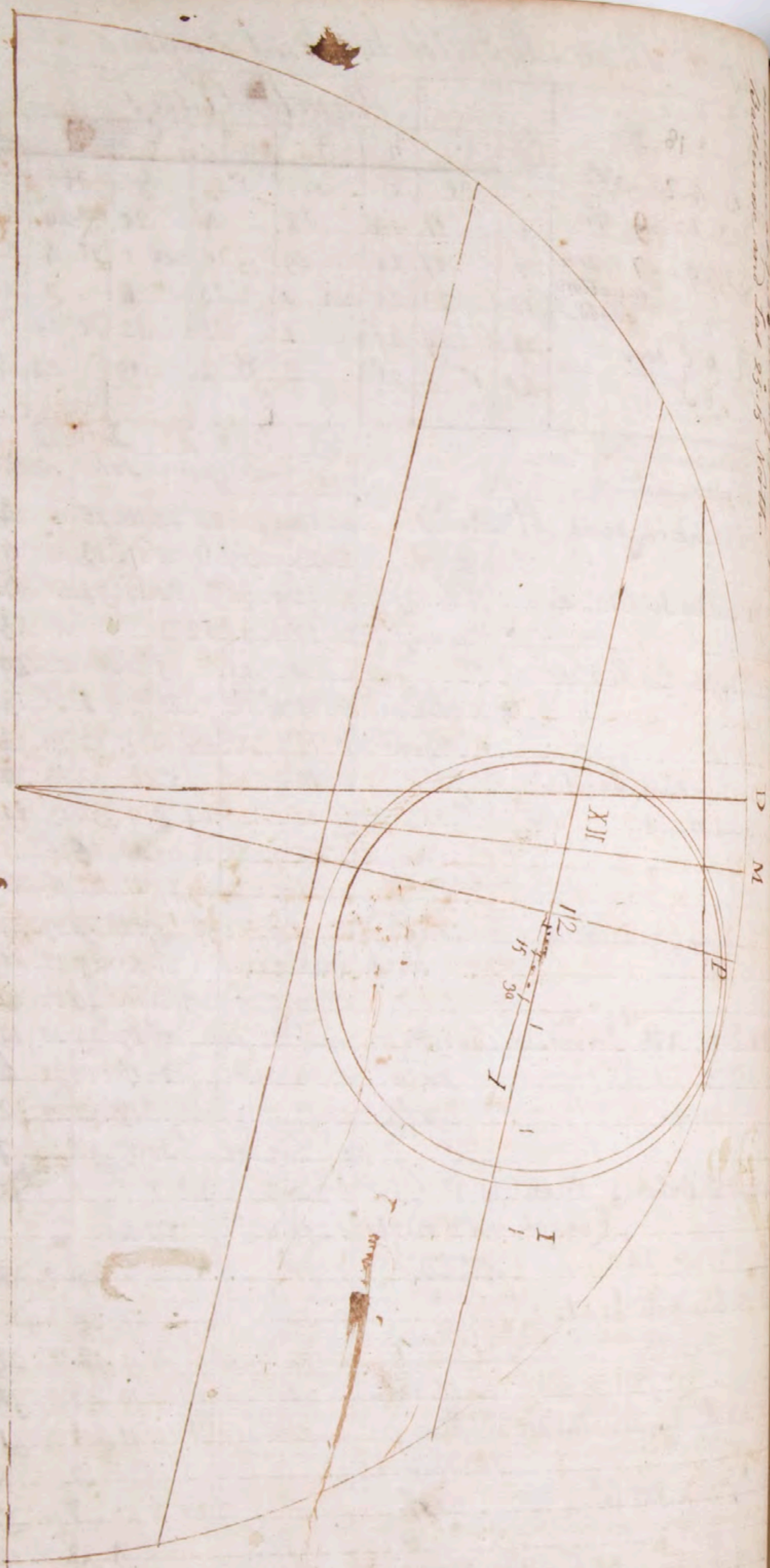
1795 March Third Month hath 31 Days.

				Planets Places					
	☽	☉	♄	♃	♂	♀	☿	☽'s Lat
Full ○ D 5 H 0 M 18 Aft.		♓	♉	♑	♈	♑	♓	
Last ☾ 13..4..29 Aft.	1	11	24	28	14	25	29	1 S.
New ☽ 20..6..49 Aft.	7	17	24	29	19	♒ 1	♈ 4	4 N.
First ☽ 27..9..27 morn (equation added)	13	23	25	♒ 0	23	6	3	4 N.
☊ {1 ♌ 7; 11 ♌ 6; 21 ♌ 6} deg.	19	29	25	1	28	12	♓ 29	3 S.
	25	♈ 5	26	2	♉ 2	19	24	4 S.

M D	W D	Remarkable Days Aspects weather &c.		☉ rise	☉ sets	☽'s place	☽ sets	☽ south	☽'s age
1	D	2d. Sund. in Lent, St. David		6..24	5..36	♋ 25	16..26	9..14	10
2	2		high	6..23	5..37	♌ 8	17..12	10..6	11
3	3	pleiades sets 12..0		6..22	5..38	20	17..54	10..56	12
4	4		wind	6..21	5..39	♍ 3		11..43	13
5	5	Days increase 2..6		6..19	5..41	15	rise	12..29	14
6	6		with	6..17	5..43	28	7..1	13..13	15
7	7		Snow	6..16	5..44	♎ 10	7..57	13..54	16
8	D	3d. Sund. in Lent		6..14	5..46	22	8..53	14..36	17
9	2	Days 11..34	or	6..13	5..47	♏ 4	9..50	15..19	18
10	3		rain	6..12	5..48	15	10..46	16..3	19
11	4			6..11	5..49	27	11..42	16..48	20
12	5	Gregory, ♀ great elong.	Clear	6..9	5..51	♐ 9	12..39	17..35	21
13	6		and	6..8	5..52	21	13..35	18..24	22
14	7			6..7	5..53	♑ 4	14..30	19..16	23
15	D	⚹ ☉ ♄, 4th Sund. in Lent		6..6	5..54	16	15..23	20..10	24
16	2	☌ ☽ ♃	cold	6..4	5..56	29	16..13	21..6	25
17	3	St. patrick	with	6..3	5..57	♒ 13	17..0	22..2	26
18	4			6..2	5..58	27	17..42	22..57	27
19	5	☌ ☉ ☿ Orient. ☉ enters ♈		6..0	6..0	♓ 11		23..52	28
20	6	(equal day & night		5..59	6..1	26	sets	☌	☽
21	7		flying	5..58	6..2	♈ 11	6..45	0..48	1
22	D	5th Sund. in Lent.		5..57	6..3	26	7..58	1..43	2
23	2			5..55	6..5	♉ 11	9..12	2..39	3
24	3		Clouds	5..54	6..6	26	10..23	3..35	4
25	4	□ ♃ ♂, Annunciation V. Mary	with rain	5..53	6..7	♊ 10	11..32	4..31	5
26	5		moderate	5..52	6..8	25	12..37	5..28	6
27	6	Bulls eye sets 10..54		5..50	6..10	♋ 8	13..37	6..24	7
28	7		for	5..49	6..11	22	14..32	7..19	8
29	D	6th. Sund. in Lent, palm Sund.	the	5..48	6..12	♌ 5	15..19	8..11	9
30	2		Sea[illegible]	5..46	6..14	17	16..2	9..2	10
31	3	Spica ♍ South 12..34		5..45	6..15	♍ 0	16..38	9..50	11

1795 April

	☽ Sets	☽ South
1	17..9	10..33
2	17..40	11..18
3		12..1
4	rise	12..42
5	7..52	13..24
6	8..48	14..7
7	9..44	14..52
8	10..42	15..39
9	11..37	16..27
10	12..31	17..17
11	13..23	18..8
12	14..13	19..2
13	14..58	19..55
14	15..39	20..48
15	16..20	21..43
16	16..57	22..37
17	17..34	23..33
18		☌
19	Sets	0..29
20	8..8	1..27
21	9..22	2..25
22	10..31	3..24
23	11..36	4..22
24	12..34	5..19
25	13..24	6..13
26	14..8	7..5
27	14..46	7..54
28	15..26	8..39
29	15..50	9..23
30	16..18	10..6



1795 April Fourth Month hath 30 Days

	D	H	M	
Full ○	4	5	13	morn.
Last ☾	12	8	4	morn,
New ☽	19	3	19	morn
First ☽	25	8	27	aftr

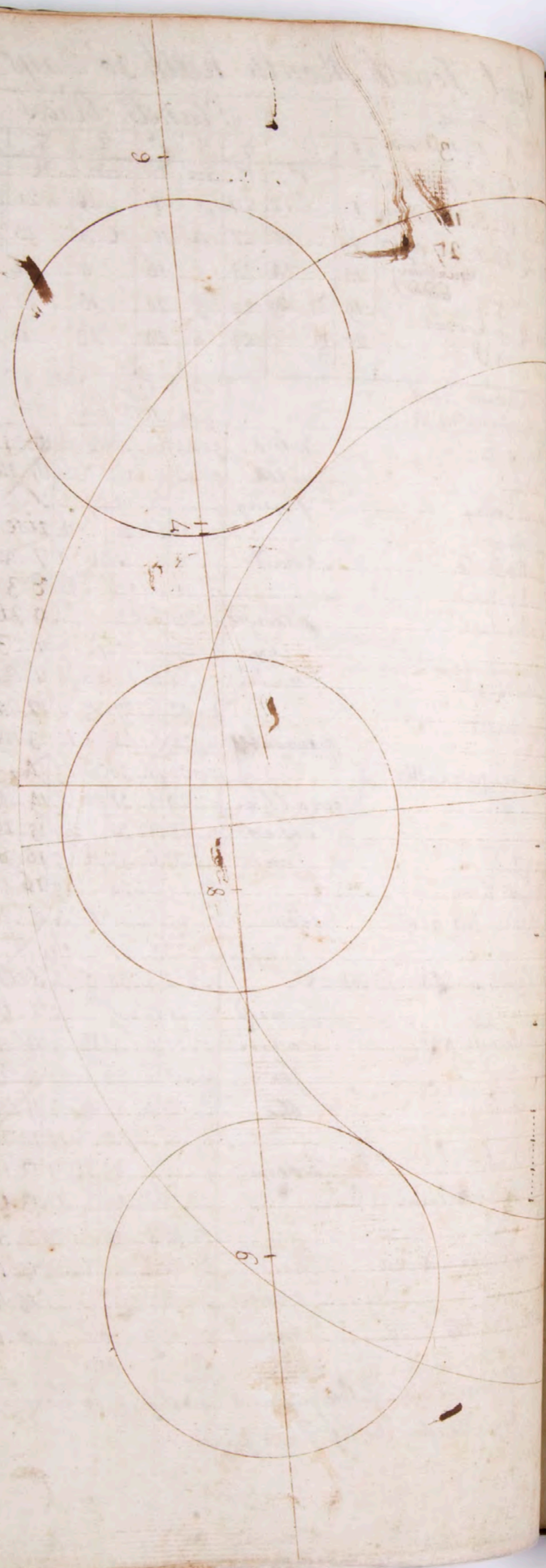
~~equation~~ ~~added~~

☊ { 1 ♌ 5; 11 ♌ 5; 21 ♌ 4 } deg.

Planets Places							
☽	☉	♄	♃	♂	♀	☿	☽'s
	♈	♉	♒	♉	♒	♓	Lat.
1	12	27	3	7	26	21	3 N.
7	18	27	4	11	♓ 3	23	5 N.
13	24	28	5	16	9	26	0 S.
19	♉ 0	29	5	20	16	♈ 2	5 S.
25	♉ 5	29	6	24	23	10	0 S.

M D	W D	Remarkable Days Aspects weather &c.		☉ rise	☉ sets	☽'s place	☽ sets	☽ south	☽'s Age
1	4	Days 12..32	wind	5..44	6..16	♍ 12	~~17..3~~	~~10..27~~	12
2	5	□ ♄ ♀	with	5..43	6..17	24	17..34	11..11	13
3	6	Good Fryday	flying	5..41	6..19	♎ 6	11..[illegible]	11..53	14
4	7	St. Ambrose		5..40	6..20	18	rise	12..35	15
5	D	Easter Sund.	Clouds	5..39	6..21	♏ 0	7..42	13..17	16
6	2	Easter Mond.		5..38	6..22	12	8..39	13..59	17
7	3	Easter Tues.	followed	5..36	6..24	24	9..36	14..44	18
8	4		by	5..35	6..25	♐ 6	10..33	15..31	19
9	5	Days 12..52	rain,	5..34	6..26	18	11..29	16..19	20
10	6			5..33	6..27	♑ 0	12..22	17..8	21
11	7		pleasant	5..32	6..28	12	13..14	17..59	22
12	D	1st. Sund. past Easter		5..30	6..30	25	14..3	18..52	23
13	2	☌ ☽ ♃	weather	5..29	6..31	♒ 8	14..48	19..45	24
14	3		expect	5..28	6..32	21	15..29	20..38	25
15	4	✱ ♄ ☿	rain	5..27	6..33	♓ 5	16..8	21..31	26
16	5	☿ Great Elong.		5..26	6..34	19	16..45	22..25	27
17	6	pleiades Sets 9..15	clear	5..25	6..35	♈ 4	17..22	23..21	28
18	7			5..23	6..37	19		☌	29
19	D	2d. Sund. past Easter, ☉ enters ♉,		5..22	6..38	♉ 4	Sets	0..17	☽
20	2		and	5..21	6..39	20	7..56	1..14	2
21	3	procyon sets 11..49	warm	5..20	6..40	♊ 5	9..10	2..13	3
22	4		for	5..18	6..42	20	10..20	3..13	4
23	5	St. George	the	5..17	6..43	♋ 4	11..26	4..12	5
24	6			5..16	6..44	18	12..24	5..9	6
25	7	St. Mark	season	5..15	6..45	♌ 1	13..15	6..4	7
26	D	3d. Sund. past Easter, □ ☉ ♃,		5..14	6..46	14	13..59	6..56	8
27	2			5..13	6..47	27	14..38	7..46	9
28	3	Days increase 4..20	now	5..12	6..48	♍ 9	15..12	8..32	10
29	4		expect	5..11	6..49	21	15..42	9..16	11
30	5	pleiades Sets 8..26	rain	5..10	6..50	♎ 3	16..11	9..59	12

The moons rising, Setting, and Southing is Corrupt in this page, therefore See left hand page



Delineated for an eclipse of the Moon Feb. 3d. 1795
h m
Beginning 6..34
greatest obscuration 7..50
end of the Eclipse 9..5
Duration 2..31
Digits Eclipsed 7 1/2 on the
Moons South Limb

1795 May Fifth Month hath 31 Days

	D	H	M	
Full ☉	3	9	40	aft.
Last ☾	11	7	44	aft.
New ☽	18	10	44	morn.
First ☽	25	9	30	morn

~~equation subtract~~

☊ { 1 ♌ 4; 11 3; 21 2 } deg.

Planets Places

D	☉	♄	♃	♂	♀	☿	☽
	♉	♊	♒	♉	♈	♈	Lat.
1	11	0	7	28	0	18	5 N.
7	17	1	7	♊ 3	7	28	3 N.
13	23	2	7	7	14	♉ 9	3 S.
19	29	2	7	11	21	22	4 S.
25	♊ 4	3	7	15	28	♊ 5	3 N.

M D	W D	Remarkable Days Aspects weather &c.		☉ rise	☉ sets	☽'s place	☽ sets	☽ south	☽ Age
1	6	St. philip and James ✶ ♄ ♀		5..9	6..51	♎ 15	16..46	10..48	13
2	7	♃ Stationary	pleasant	5..8	6..52	27	8..42	11..29	14
3	D	4th. Sund. past Easter		5..7	6..53	♏ 9	rise	12..11	15
4	2		weather	5..5	6..55	21	7..44	12..55	16
5	3			5..4	6..56	♐ 3	8..42	13..41	17
6	4	St. John Evang.	followed	5..3	6..57	15	9..37	14..28	18
7	5	✶ ♃ ♀	by	5..2	6..58	27	10..32	15..18	19
8	6	Spica ♍ south 10..13	Showers	5..1	6..59	♑ 9	11..24	16..9	20
9	7		of	5..0	7..0	21	12..13	17..0	21
10	D	Rogation Sund. ☌ ☽ ♃	rain,	4..59	7..1	♒ 4	12..59	17..52	22
11	2		fine	4..58	7..2	17	13..40	18..44	23
12	3	Days 14..4		4..58	7..2	♓ 0	14..19	19..36	24
13	4	△ ♃ ♂	growing	4..57	7..3	14	14..55	20..28	25
14	5	Ascen. day Holy Thursday		4..56	7..4	28	15..31	21..21	26
15	6		weather	4..55	7..5	♈ 13	16..7	22..15	27
16	7		warm	4..54	7..6	27	16..43	23..11	28
17	D	Sund. after Ascen.		4..53	7..7	♉ 13		6	29
18	2		and	4..52	7..8	28	sets	0..8	☽
19	3	Days increase 5..0		4..52	7..8	♊ 13	8..11	1..8	2
20	4		pleasant	4..51	7..9	28	9..20	2..8	3
21	5	Arcturus South 10..12, ☉ enters ♊		4..50	7..10	♋ 12	10..24	3..8	4
22	6	Lyra South 2..37	followed	4..49	7..11	26	11..20	4..6	5
23	7		by	4..48	7..12	♌ 10	12..7	5..0	6
24	D	Whitsunday ☌ ☉ ♄ Orient.	rain	4..48	7..12	23	12..47	5..50	7
25	2	Whitmonday, ☌ ☉ ☿ Occident.	and	4..47	7..13	♍ 6	13..23	6..38	8
26	3	Whit. Tuesday	south	4..46	7..14	18	13..53	7..22	9
27	4		wind	4..46	7..14	♎ 0	14..21	8..4	10
28	5	procyon Sets 9..26		4..45	7..15	12	14..47	8..46	11
29	6	Spica ♍ Sets 2..20	thunder	4..44	7..16	24	15..15	9..28	12
30	7		gusts	4..44	7..16	♏ 6	15..43	10..10	13
31	D	Trin. Sund.	and rain	4..43	7..17	18	16..12	10..52	14

1795 **June Sixth Month hath 30 Days.**

	D H M
Full ☽	2 .. 0 .. 59 aft.
Last ☽	10 .. 3 .. 49 morn
New ☽	16 .. 6 .. 8 aft.
First ☽	24 .. 0 .. 2 morn

Equation added

☌ 1 11 21 ☊ 2 1 1 deg.

Planets Places

	☽	☉	♄	♅	♂	♀	☿	☽'
		♊	♊	♒	♊	♉	♊	Lat.
	1	11	♌	7	20	6	20	5 N.
	7	17	5	7	24	13	☌ 2	1 S.
	13	23	6	7	28	20	12	5 S.
	19	28	6	7	☌ 2	27	22	0 N.
	25	☌ 4	7	6	6	♊ 4	29	5 N.

№ ☽	W D	Remarkable Days Aspects weather &c.		☉ rise	☉ sets	☽' place	☽ sets	☽ south	☽' Age
1	2	~~Days 14..34~~ ☌ ☍ ☿	windy	♌..43	7..17	♐ 0		11..37	15
2	3		and	♌..42	7..18	12	rise	12..24	16
3	♌	Days increase 5..20	warm	♌..42	7..18	24	7..50	13..13	17
4	5		with	♌..41	7..19	♑ 6	8..52	14..3	18
5	6			♌..41	7..19	19	9..57	14..56	19
6	7	☌ ☽ ♅	flying	♌..41	7..19	♒ 1	10..57	15..48	20
7	D	1st. Sund. past Trin.		♌..40	7..20	14	11..53	16..39	21
8	2		Clouds	♌..40	7..20	27	12..44	17..29	22
9	3	Arcturus South 8..54		♌..40	7..20	♓ 10	13..32	18..19	23
10	4		followed	♌..39	7..21	24	14..17	19..10	24
11	5	St. Barnabas	with	♌..39	7..21	♈ 8	14..58	20..2	25
12	6		Thunder	♌..39	7..21	22	15..37	20..54	26
13	7		gust	♌..39	7..21	♉ 7	16..16	21..49	27
14	D	2d. Sund. past Trin		♌..39	7..21	22	16..55	22..46	28
15	2		and	♌..38	7..22	♊ 7		23..45	29
16	3		rain	♌..38	7..22	22	Sets	☌	☽
17	♌	St. Alban		♌..38	7..22	♋ 6	8..1	0..46	1
18	5		Clear	♌..38	7..22	21	9..2	1..46	2
19	6	Spica ♍ Sets 12..48		♌..38	7..22	♌ 5	9..52	2..41	3
20	7		and	♌..38	7..22	18	10..38	3..36	4
21	D	3d. Sund. past Trin. ☉ enters ♋.		♌..38	7..22	♍ 1	11..15	4..26	5
22	2	△♄♃ (Longest Days		♌..38	7..22	14	11..48	5..12	6
23	3		very	♌..38	7..22	26	12..18	5..57	7
24	♌	St. John Bap.	warm	♌..38	7..22	♎ 9	12..46	6..39	8
25	5		with	♌..38	7..22	21	13..11	7..19	9
26	6	Days 14..44		♌..38	7..22	♏ 3	13..39	8..1	10
27	7			♌..38	7..22	14	14..7	8..43	11
28	D	4th Sund. past Trin. ☿ Great Elong.		♌..38	7..22	26	14..40	9..28	12
29	2	St. peter and paul	Thunder	♌..39	7..21	♐ 8	15..14	10..14	13
30	3	Days decreas 2 min.	rain	♌..39	7..21	20	15..53	11..2	14

True time of New moon in July 1795 — D H M 16. 2. 37 A.M

	° ′ ″
Semidiameter of the Earths disc	0..59..54
Suns distance from nearest Solstice	24..0..0
Suns declination North	21..22..0
Moons Latitude South Ascending	0..30..45
Moons Horary motion from the Sun	0..34..7
Angle of the Moons visible path with eclip.	5..35..0
Suns Semidiameter	0..15..50
Moons Semidiameter	0..16..26
Semidiameter of the penumbra	0..32..16

True time of full moon in July 1795 — D H M 31..2..59 P.M.

	° ′ ″
Moons Horizontal paralax	0..57..0
Suns Semidiameter	0..15..51
Moons Semidiameter	0..15..36
Semidiameter of the Earths Shadow at ☽	0..41..19
Moons true Latitude South Ascending	0..29..32
Angle of Moons visible path with the eclip.	5..35..0
Her true Horary motion from the Sun	0..30..48

1795

July Seventh Month hath 31 Days

	D	H	M	
Full ○	2..	2..	47	morn.
Last ☾	9..	9..	23	morn.
New ☽	16..	2..	37	morn.
First ☽	23..	4..	51	aft.
Full ○	31..	2..	59	aft. (equation added)

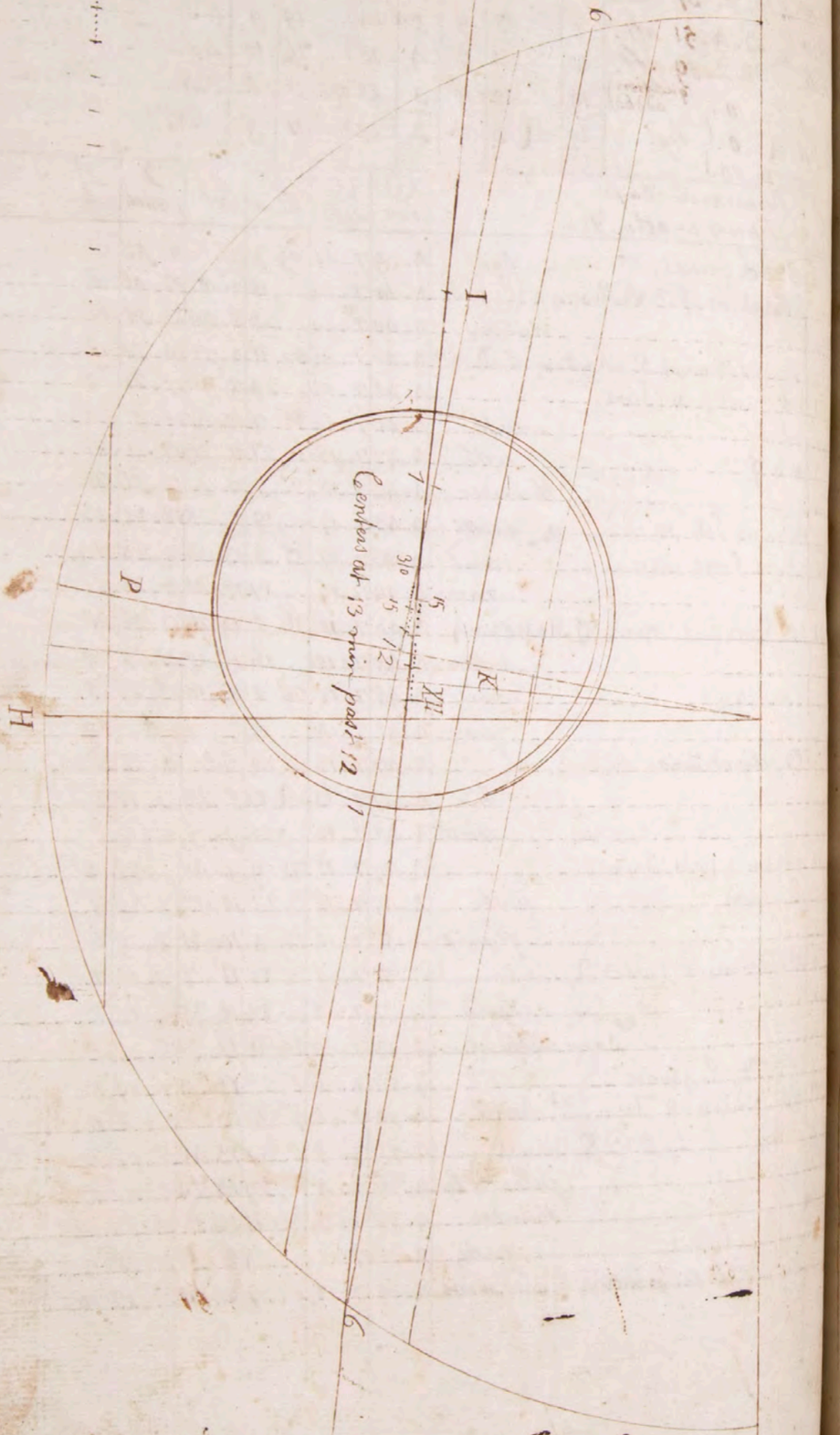
☊ { 1 — 0; 11 ♌ 0; 21 ♋ 29 } deg.

Planets Places

☽	☉	♄	♃	♂	♀	☿	☽'s Lat.
	♋	♊	♒	♋	♊	♌	
1	10	8	5	10	12	5	3 N.
7	15	9	5	14	19	9	4 S.
13	21	9	4	18	26	10	4 S.
19	27	10	3	22	♋ 3	8	3 N.
25	♌ 3	10	3	25	11	4	5 N.

M D	W D	Remarkable Days Aspects weather &c.		☉ rise	☉ sets	☽'s place	☽ set	☽ south	☽'s Age
1	4	☌ ☉ ♂ Orient,	hot	4..39	7..21	♑ 3		11..53	15
2	5	Visitation of B.V. Mary	and	4..40	7..20	15	rise	12..46	16
3	6		sultry	4..40	7..20	28	8..49	13..38	17
4	7	Translation of St. Martin. ☌ ☽ ♃		4..40	7..20	♒ 11	9..33	14..30	18
5	D	5th. Sund. past Trin.		4..41	7..19	24	10..11	15..21	19
6	2		weather	4..41	7..19	♓ 7	10..47	16..11	20
7	3	⚹ ♄ ☿	with	4..42	7..18	21	11..21	17..1	21
8	4		thunder	4..42	7..18	♈ 5	11..55	17..51	22
9	5	Spica ♍ sets 11..26	gusts	4..43	7..17	19	12..28	18..42	23
10	6	Lyra South 11..11	and	4..43	7..17	♉ 3	13..3	19..34	24
11	7		rain	4..44	7..16	17	13..41	20..28	25
12	D	6th. Sund. past Trin. ☿ Stationary		4..44	7..16	♊ 2	14..26	21..26	26
13	2		warm	4..45	7..15	16	15..15	22..25	27
14	3	Days 14..30	winds	4..45	7..15	♋ 1	16..10	23..25	28
15	4		from	4..46	7..14	15		☌	29
16	5	☉ eclipsed. invis		4..47	7..13	29	sets	0..22	☽
17	6		the	4..47	7..13	♌ 13	8..23	1..17	2
18	7		South	4..48	7..12	26	9..5	2..10	3
19	D	7th. Sund. past Trin.		4..49	7..11	♍ 9	9..40	2..59	4
20	2	Margaret	with	4..49	7..11	22	10..12	3..45	5
21	3		flying	4..50	7..10	♎ 5	10..41	4..29	6
22	4	Magdalen. ☉ enters ♌		4..51	7..9	17	11..7	5..10	7
23	5		clouds	4..52	7..8	29	11..35	5..52	8
24	6		and ~~[illegible]~~ rain	4..53	7..7	♏ 11	12..3	6..35	9
25	7	☍ ☉ ♃, St. James		4..54	7..6	23	12..34	7..19	10
26	D	8th Sund. past Trin. St. Anne		4..54	7..6	♐ 5	13..8	8..4	11
27	2	(☌ ☉ ☿ Orient.		4..55	7..5	17	13..46	8..52	12
28	3		followed by	4..56	7..4	29	14..29	9..42	13
29	4		thunder	4..57	7..3	♑ 11	15..18	10..34	14
30	5	Dog days begins	gusts	4..58	7..2	24	16..13	11..28	15
31	6	☌ ☽ ♃, ☽ eclip. invis	and wind	4..59	7..1	♒ 7	rise	12..22	16

1795 July 15th. The Sun will be totally eclipsed at 1h..37'. on the meridian
in Long. 139° 3/4 east from the meridian of Baltimore, and 10 3/4 South



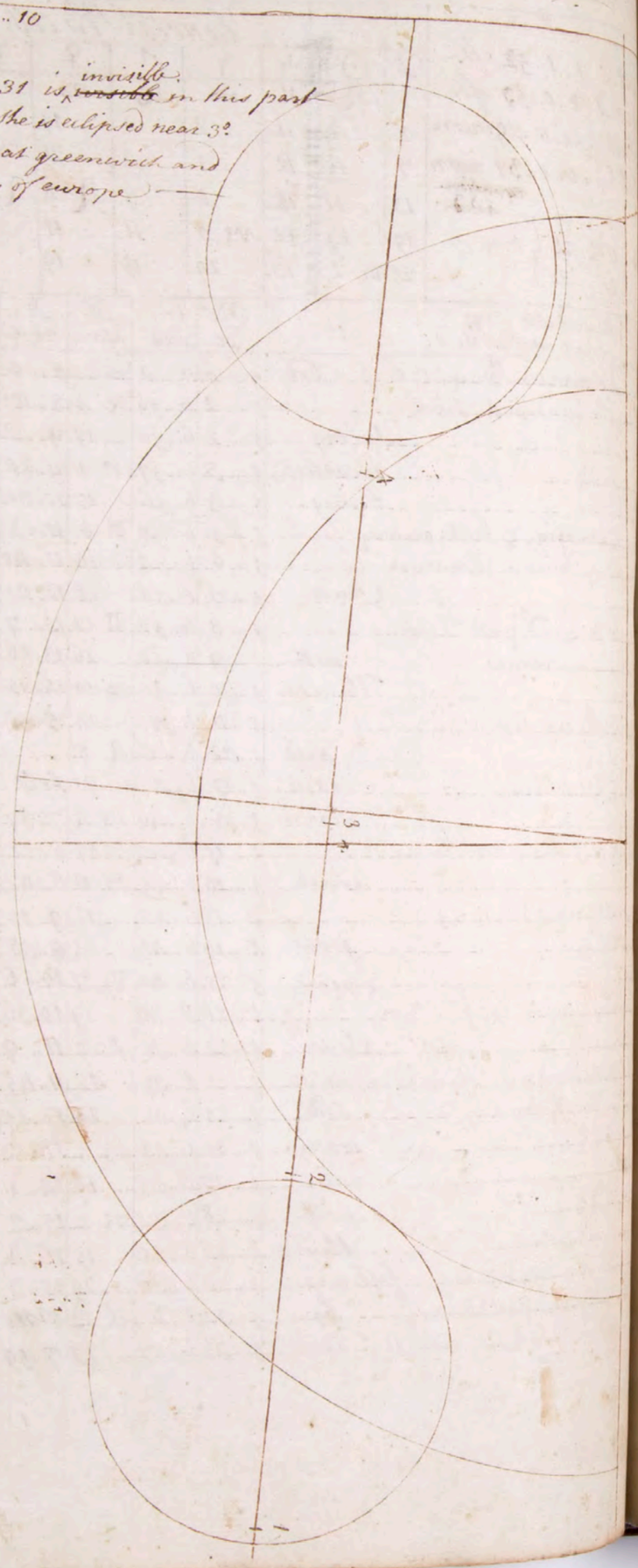
1795 August Eighth Month hath 31 Days

D # M			Planets Places.					
	☽	☉	♄	♅	♂	♀	☿	☽'
Last ☌ 7..1..52 aft.		♌	♍	♒	♌	♋	♌	Lat.
New ☽ 14..0..57 aft.	1	9	11	2	0	19	0	2 S.
First ☍ 22..10..29 morn	7	15	12	1	4	26	♋ 29	5 S.
Full ☉ 30..1..37 morn. ~~equation add~~	13	21	12	0	8	♌ 4	♌ 2	1 N.
☌ 1 11 21 ♋ 29 28 28 deg.	19	27	12	♍ 0	11	11	9	5 N.
	25	♍R 2	13	29	15	19	19	2 N.

D	Wk D	Remarkable Days Aspects weather &c		☉ rise	☉ sets	☽' place	☽ rise	☽ south	☽' Age
1	7	Lammas-Day ☍ ☌ ♂ ☿	hot	5..0	7..0	♒ 20	8..9	13..15	17
2	D	9th. Sund. past Trin.		5..1	6..59	♓ 4	8..47	14..7	18
3	2	Days 13..56	Sultry	5..2	6..58	17	9..22	14..58	19
4	3	☌ ♄	weather,	5..3	6..57	♈ 1	9..56	15..49	20
5	4		flying	5..4	6..56	15	10..30	16..40	21
6	5	Transfig. ☿ Stationary		5..5	6..55	♉ 0	11..3	17..30	22
7	6	Days decrease 56 min.		5..6	6..54	14	11..40	18..23	23
8	7		Clouds	5..7	6..53	28	12..21	19..18	24
9	D	10th. Sund. past Trin.		5..8	6..52	♊ 12	13..7	20..15	25
10	2	St. Laurence	with	5..9	6..51	26	13..58	21..13	26
11	3		thunder	5..10	6..50	♋ 10	14..55	22..11	27
12	4	Bulls eye rise 11..59		5..11	6..49	24	15..55	23..8	28
13	5		and	5..12	6..48	♌ 8		23..59	29
14	6	☿ Great. Elong.	rain.	5..13	6..47	21	Sets		☽
15	7		warm	5..14	6..46	♍R 4	7..39	0..50	1
16	D	11th. Sund. past Trin.		5..15	6..45	17	8..12	1..40	2
17	2		wind	5..16	6..44	♎ 0	8..42	2..25	3
18	3	Arcturus Sets 11..25		5..18	6..42	12	9..10	3..7	4
19	4	☌ ☌ ♂ ♀	great	5..19	6..41	25	9..38	3..50	5
20	5		dews	5..20	6..40	♍ 7	10..6	4..33	6
21	6	Pleiades rise 10..9		5..21	6..39	19	10..36	5..17	7
22	7		Clear	5..22	6..38	♐ 0	11..9	6..2	8
23	D	12th. Sund. past Trin.	☉ enters ♍.	5..23	6..37	12	11..45	6..48	9
24	2	St. Bartholomew,	and	5..24	6..36	24	12..25	7..36	10
25	3	☌ ♀ ☿,	warm.	5..26	6..34	♑ 7	13..12	8..27	11
26	4		rain	5..27	6..33	19	14..4	9..20	12
27	5	☌ ☽ ♃	with	5..28	6..32	♒ 2	15..2	10..14	13
28	6	St. Augustine	thunder	5..29	6..31	15	16..4	11..8	14
29	7	St. John Bap. behead.	followed	5..30	6..30	29	17..11	12..3	15
30	D	13th. Sund. past Trin.	by	5..32	6..28	♓ 13	rises	12..55	16
31	2	Days 12..54	cool dews	5..33	6..27	27	7..39	13..47	17

1795 Longitude ☾			1795 Anomally ☾		
☽	°	′	☽	°	′
2	0	50	5	0	10

This eclips of the D July 31 is ~~invisible~~ invisible in this part of the globe but ~~is~~ she is eclipsed near 3h on her North limb at greenwich and many other parts of europe



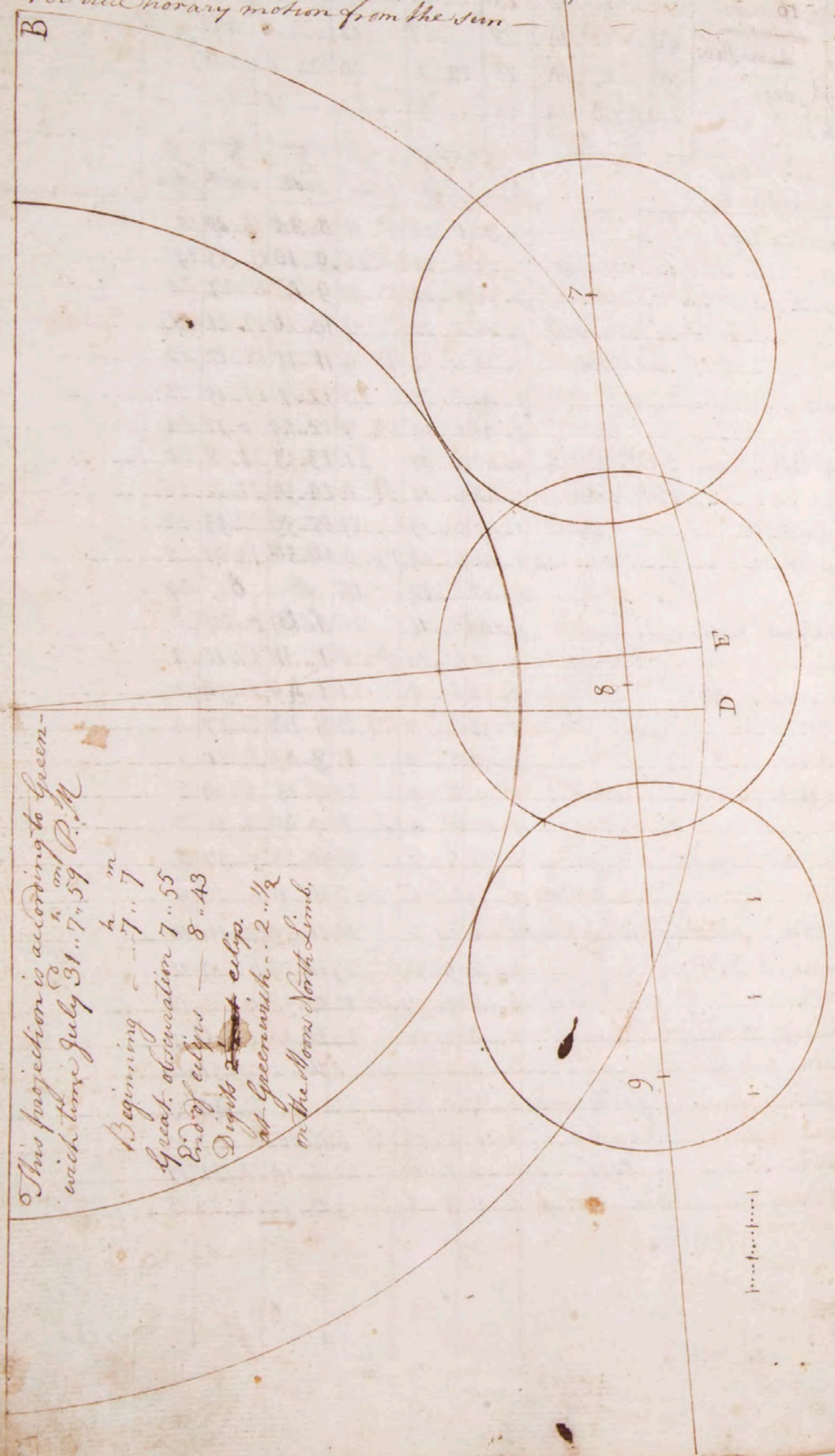
1795 September Ninth Month hath 30 Days

Planets Places

	D	☉	♄	♃	♂	♀	☿	D's
								Sat.
Last ☌ 5.. 6..55 aft.		♍	♊	♍	♌	♌	♍	
New ☽ 13.. 1..42 morn.			13	28		27	2	5 S.
First ☌ 21 ..4..32 morn.	1	9	13	28	20			
Full ☉ 28..11..46 morn	7	15	13	28	24	♍ 5	1♎	2 S.
~~equation~~ ~~Dec~~ Sub:	13	21	1♎	28	27	12	25	A.N.
☌ 1 27 deg.	19	27	1♎	28	♍ 1	20	♎ 6	A.N.
☌ 11 ♉ 27 deg.	25	♎ 3	1♎	28	5	27	15	2 S.
☌ 21 26 deg.								

☾	☿	Remarkable Days Aspects weather &c.		☉ rise	☉ sets	☽'s place	☽ rise	☽ South	☽'s Age
1	3	Days Decrease 1..52		5..34	6..26	♈ 11	8..35	14..40	18
2	4		very	5..35	6..25	26	9..10	15..33	19
3	5	Dog days end.		5..36	6..24	♉ 10	9..47	16..27	20
4	6		pleasant	5..38	6..22	25	10..26	17..21	21
5	7	☐ ☉ ♄	weather	5..39	6..21	♊ 9	11..17	18..17	22
6	D	14th. Sund. past Trin.		5..40	6..20	23	12..1	19..15	23
7	2	☐ ♄ ☿.		5..41	6..19	♋ 7	12..55	20..12	24
8	3	Nativity B.V.M. Mary ☌ ☉ ☿ Occid.		5..43	6..17	21	13..53	21..8	25
9	4		followed	5..44	6..16	♌ 4	14..54	22..2	26
10	5	pleiades rise 8..57	by	5..45	6..15	17	15..56	22..53	27
11	6	Bulls eye rise 10..9	rain,	5..46	6..14	♍ 0	16..58	23..41	28
12	7			5..48	6..12	13	☌	☌	29
13	D	15th. Sund. past Trin.		5..49	6..11	26	Sets	0..27	☽
14	2		flying	5..50	6..10	♎ 8	7..18	1..11	2
15	3	Arcturus Sets 9..43		5..52	6..8	21	7..45	1..54	3
16	4		Clouds	5..53	6..7	♏ 3	8..14	2..37	4
17	5	Alphard rise 4..8		5..54	6..6	15	8..43	3..20	5
18	6	Sirius rise 1..52	cool	5..55	6..5	27	9..15	4..4	6
19	7			5..56	6..4	♐ 8	9..49	4..50	7
20	D	16th Sund. past Trin. ☌ ☉ ♃		5..58	6..2	20	10..28	5..37	8
21	2	St. Matthew	dews,	5..59	6..1	♑ 2	11..11	6..26	9
22	3	☉ enters ♎ Equal Day & Night		6..0	6..0	14	11..59	7..16	10
23	4	♃ Stationary; ☾ D ♃		6..2	5..58	27	12..54	8..9	11
24	5		wind and	6..3	5..57	♒ 10	13..53	9..2	12
25	6	♄ Stationary	rain	6..4	5..56	23	14..58	9..56	13
26	7	St. Cyprian ☌ ♃ ♀		6..5	5..55	♓ 7	16..6	10..51	14
27	D	17th Sund. past Trin.	followed	6..7	5..53	21		11..44	15
28	2		by	6..8	5..52	♈ 5	rise	12..37	16
29	3	St. Michael	cool	6..9	5..51	20	7..14	13..31	17
30	4	Days 11..38	mornings	6..11	5..49	♉ 5	7..52	14..26	18

True time of full ○ at Greenwich July ~~31~~ — d h m 31..7..59
Moons Horizontal paralax — 0..57..8
Suns Semidiameter — 0..15..52
Moons Semidiameter — 0..15..36
Semidiameter of the Earths shadow at the Moon — 0..41..26
Moons true Latitude South Descending — 0..50..13
Angle of the Moons visible path with the Ecliptic — 5..35
Her true horary motion from the sun — 0..33..5



1795 October Tenth Month hath 31 Days

D H M	
Last ☾ 5..2..3 morn	
New ☽ 12..5..8 aft.	
First ☽ 20..19..56 aft.	
Full ○ 27..8..37 aft.	
	equation Sub.
☊ { 1 25 / 11 ♋ 25 / 21 24 } deg.	

Planets Places

☽	☉	♄	♃	♂	♀	☿	☽'s
	♎	♊	♑	♍	♎	♎	Lat.
1	8	14	28	9	4	25	5 S.
7	14	14	28	12	12	♏ 4	1 N.
13	20	13	28	16	19	12	5 N.
19	26	13	29	20	27	19	1 N.
25	♏ 2	13	29	24	♏ 4	26	4 S.

M D	W D	Remarkable Days Aspects weather &c.		☉ rise	☉ sets	☽'s place	☽ rise	☽ South	☽ Age
1	5	Days 11..36	Clear	6..12	5..48	♉ 20	8..32	15..23	19
2	6		and	6..13	5..47	♊ 5	9..16	16..20	20
3	7	Pleiades rise 7..34	windy,	6..14	5..46	19	10..5	17..18	21
4	D	18th. Sund. past Trin		6..15	5..45	♋ 4	11..0	18..17	22
5	2		now	6..17	5..43	17	11..58	19..14	23
6	3	Bulls eye rise 8..39	expect	6..18	5..42	♌ 1	12..57	20..7	24
7	4	△☉♄	rain	6..19	5..41	14	13..57	20..58	25
8	5		followed	6..20	5..40	27	14..59	21..47	26
9	6	Days decrease 3..28	by	6..22	5..38	♍ 10	15..59	22..33	27
10	7		a frost	6..23	5..37	22	16..57	23..16	28
11	D	19th. Sund past Trin.		6..24	5..36	♎ 5		23..59	29
12	2	Days 11..10	flying	6..25	5..35	17	Sets	6	☽
13	3		clouds	6..27	5..33	29	6..23	0..42	1
14	4	procyon rise 11..49		6..28	5..32	♏ 11	6..52	1..25	2
15	5	☌☉♀	with	6..29	5..31	23	7..21	2..8	3
16	6	☌☉♀ Occident.		6..30	5..30	♐ 5	7..54	2..53	4
17	7		wind,	6..32	5..28	17	8..31	3..39	5
18	D	20th. Sund. past Trin. St. Luke		6..33	5..27	29	9..12	4..27	6
19	2		pleasant	6..34	5..26	♑ 11	9..59	5..17	7
20	3	☌☽♃	and	6..35	5..25	23	10..51	6..8	8
21	4		moderate	6..36	5..24	♒ 5	11..47	6..59	9
22	5	□☉♃,	weather	6..38	5..22	18	12..47	7..50	10
23	6	☉ enters ♏		6..39	5..21	♓ 1	13..50	8..41	11
24	7	☿ Great. Elong.		6..40	5..20	15	14..58	9..34	12
25	D	21st. Sund. past Trin. Crispin		6..41	5..19	29	16..8	10..27	13
26	2		Clear	6..42	5..18	♈ 14		11..21	14
27	3	Days decrease 4..12	and	6..44	5..16	29	rise	12..16	15
28	4	St. Simon & Jude	cool.	6..45	5..15	♉ 14	6..28	13..13	16
29	5		followed	6..46	5..14	29	7..11	14..12	17
30	6	Pleiades South 1..20	by	6..47	5..13	♊ 14	8..1	15..12	18
31	7	Days 10..24	cold rain	6..48	5..12	29	8..55	16..13	19

Our distilled Spirits is like unto the water of the river of Phrygia which sparingly purges the brains and cures madness, but otherwise it infects the brains and creates madness— See Entick's Dictionary page 458

1795 November eleventh Month hath 30 Days

		Planets Places						
Last ☾ 3..0..24 aft.	D.	☉	♄	♃	♂	♀	☿	☽'s
New ☽ 11..10..55 morn.		♏	Ⅱ	♒	♍	♏	♐	Lat.
First ☽ 19..1..30 aft.	1	9	13	0	28	13	1	1 S.
Full ○ 26..6..30 morn.	7	15	12	1	♎ 2	21	1	5 N.
equation Sub. 1 24 deg.	13	21	12	2	5	28	♏ 26	3 N.
☊ 11 ♋ 23 deg.	19	27	11	2	9	♐ 6	18	3 S.
21 23	25	♐ 3	11	3	13	13	16	5 S.

M D	W D	Remarkable Days Aspects weather &c.		☉ rise	☉ sets	☽'s place	☽ rise	☽ South	☽ Age
1	D	22d. Sund. past Trin. All Saints		6..49	5..11	♋ 13	9..53	17..11	20
2	2	Days 10..18	Cold	6..51	5..9	27	10..55	18..8	21
3	3		wind	6..52	5..8	♌ 11	11..57	19..1	22
4	4	☿ Stationary	from	6..53	5..7	24	12..57	19..49	23
5	5		the	6..54	5..6	♍ 7	13..57	20..35	24
6	6	pleiades South 12..52		6..55	5..5	19	14..56	21..19	25
7	7	✱ ♃ ☿	west	6..56	5..4	♎ 2	15..54	22..2	26
8	D	23d. Sund. past Trin.		6..57	5..3	14	16..50	22..43	27
9	2	Sirius rise 10..33	with	6..58	5..2	26	17..47	23..25	28
10	3		rain	6..59	5..1	♏ 8		☌	29
11	4	St. Martin	or	7..0	5..0	20	sets	0..8	☽
12	5	Days decrease 4..46		7..1	4..59	♐ 2	5..56	0..52	2
13	6		snow	7..2	4..58	14	6..31	1..37	3
14	7	Bulls eye South 1..9		7..3	4..57	25	7..10	2..24	4
15	D	☌ ☉ ☿, Orient. 24th. Sund. past T.		7..4	4..56	♑ 7	7..54	3..13	5
16	2			7..5	4..55	19	8..44	4..3	6
17	3	☌ ☽ ♃	Clear	7..6	4..54	♒ 1	9..38	4..53	7
18	4		and	7..7	4..53	14	10..37	5..44	8
19	5	Days 9..44	Cold	7..8	4..52	27	11..37	6..33	9
20	6	Arcturus rise 3..14		7..8	4..52	♓ 10	12..39	7..22	10
21	7		followed	7..9	4..51	23	13..44	8..11	11
22	D	☉ enters ♐, △ ♄ ♂, 25th. Sund.	Sund.	7..10	4..50	♈ 7	14..53	9..2	12
23	2	☿ Stationary,	(past Trin	7..11	4..49	22	16..4	9..55	13
24	3		by	7..12	4..48	♉ 7	17..16	10..49	14
25	4	✱ ♂ ♀	rain	7..12	4..48	22		11..47	15
26	5		or	7..13	4..47	Ⅱ 7	rise	12..48	16
27	6	Algol South 10..41	snow	7..14	4..46	22	6..25	13..50	17
28	7			7..15	4..45	♋ 7	7..33	14..52	18
29	D	Advent Sund.	Cold	7..15	4..45	22	8..37	15..52	19
30	2	Days 9..28	wind	7..16	4..44	♌ 6	9..40	16..48	20

December twelfth Month hath 31 Days

D H M
Last ☾ 3..2..29 morn.
New ☽ 11..6..11 morn.
First ☽ 19..2..27 morn.
Full ○ 25..5..23 aft.

equation Sub.

☊ {1 22; 11 ♋ 22; 21 21} deg.

Planets Places

☽	☉	♄	♃	♂	♀	☿	☽'s Lat.
	♐	♊	♒	♎	♐	♏	
1	10	10	5	16	21	19	2 N.
7	16	10	6	20	28	26	5 N.
13	22	9	7	24	♑ 6	♐ 4	1 N.
19	28	9	8	27	14	12	5 S.
25	♑ 4	8	9	♏ 1	21	21	2 S.

M D	W D	Remarkable Days Aspects weather &c.		☉ rise	☉ sets	☽'s place	☽ rise	☽ south	☽ Age
1	3	☍ ☉ ♄	flying	7..16	4..44	♌ 20	10..41	17..38	21
2	4	☿ Great. Elong.	clouds	7..17	4..43	♍ 3	11..43	18..26	22
3	5		and	7..18	4..42	16	12..44	19..11	23
4	6	Sirius rise 8..48	wind	7..18	4..42	29	13..41	19..54	24
5	7		with	7..19	4..41	♎ 11	14..38	20..34	25
6	D	2d. Sund. in Advent, Nicholas		7..19	4..41	23	15..35	21..16	26
7	2		rain	7..20	4..40	♏ 5	16..32	21..58	27
8	3	Conception V. Mary	or	7..20	4..40	17	17..28	22..41	28
9	4		snow	7..20	4..40	29	18..24	23..25	29
10	5	pleiades South 10..25		7..21	4..39	♐ 11		☌	30
11	6	Arcturus rise 1..44		7..21	4..39	23	Sets	0..12	☽
12	7		Clear	7..21	4..39	♑ 4	5..43	1..1	2
13	D	3d. Sund. in Advent.	and	7..21	4..39	17	6..31	1..50	3
14	2		cold	7..22	4..38	29	7..22	2..39	4
15	3	☌ ☽ ♃	followed	7..22	4..38	♒ 11	8..18	3..28	5
16	4		by	7..22	4..38	23	9..17	4..17	6
17	5	⚹ ☉ ♂	snow	7..22	4..38	♓ 6	10..19	5..6	7
18	6	Days decrease 5..28		7..22	4..38	19	11..23	5..55	8
19	7		moderate	7..22	4..38	♈ 3	12..29	6..44	9
20	D	4 Sund. in Advent	Short. day	7..22	4..38	17	13..35	7..32	10
21	2	☉ enters ♑, St. Thomas		7..22	4..38	♉ 1	14..43	8..23	11
22	3	△ ♄ ♃	for	7..22	4..38	15	15..54	9..16	12
23	4	Days 9..16	the	7..22	4..38	♊ 0	17..8	10..14	13
24	5		season	7..22	4..38	15		11..14	14
25	6	Christmas_Day		7..22	4..38	♋ 0	rise	12..17	15
26	7	St. Stephen		7..22	4..38	15	6..0	13..19	16
27	D	1st. Sund. past Christmas, St. John		7..22	4..38	♌ 0	7..6	14..19	17
28	2	Innocents.	now	7..21	4..39	14	8..12	15..14	18
29	3		expect	7..21	4..39	28	9..18	16..6	19
30	4		falling	7..21	4..39	♍ 12	10..21	16..54	20
31	5	Silvester	weather	7..20	4..40	25	11..21	17..38	21

1796 January 10th at 1..15 in the morning ecl[ip]. ☉ from Node s 5 ° 29 ′ 6

According to the Nautical Ephemeris, if the moon changes in the morning of a[ny] given day, the Succeeding day is the third day of her age, but if afternoon the seco[nd] because it begins the day [at] noon, but according to the common ~~reckoning~~ way of reckoning, if the moon changes in the morning of any given day, the Succeeding day is the Second day of her age, b[ut] if in the afternoon it is allowed to be the first day of her age

♄ Long	Anomal	Node	
s ° ′			
2..13..3	5..17..22	3..21..34	for the year 1796
☉ 9..10..4	6..1..36		

♃ Long	Anomally	Node	
s ° ′	s ° ′	s ° ′	
10..20..49	4..9..20	3..8..54	for the year 1796

♂ Long	Anomally	Node	
s ° ′	s ° ′	s ° ′	
6..6..54	1..4..29	1..18..26	for the year 1796

♀ Long	Anomally	Node	
s ° ′	s ° ′	s ° ′	
10..24..22	0..16..20	2..14..47	for the Year 1796

☿ Long	Anomally	Node	
s ° ′	s ° ′	s ° ′	
8..9..10	11..25..3	1..16..7	for the year 1796

Common Notes and Moveable feasts for the year 1796

Dominical Letters	CB
Cycle of the Sun	13
Golden Number	11
Epact	20
Numb. of Direction	6

1796 January ~~First~~ Month hath 31 Days

	d h m
Last ☾	3..1..18 morn
New ☽	10..1..15 morn
First ☽	17..11..2 morn
Full ○	24..5..19 morn.

☊ { 1 — 21; 11 — ♋ 20; 21 — 19 } deg.

Planets Places

☽	☉	♄	♃	♂	♀	☿	☽'s
	♑	♊	≈	♏	≈	♑	Lat.
1	11	8	11	5	0	2	5 N.
7	17	7	12	9	9	12	3 N.
13	23	7	14	12	16	22	4 S.
19	29	7	15	15	22	≈ 2	4 S.
25	≈ 6	7	16	19	♓ 0	12	3 N.

M D	W D	Remarkable days Aspects weather &c		☉ rise	☉ set	☽'s place	☽ rise	☽ south	☽'s age
1	6	Circumcision,		7..20	4..40	♎ 7	morn	18..19	22
2	7		windy	7..20	4..40	19	13..25	19..1	23
3	C	1st. Sund. past Chris.		7..20	4..40	♏ 1	14..25	19..44	24
4	2		and	7..19	4..41	13	15..23	20..28	25
5	3		Cold,	7..19	[illegible]	25	16..19	21..12	26
6	4	Epiphany		7..18	4..42	♐ 7	17..13	21..58	27
7	5	□ ♂ ♀	rain	7..18	4..42	18	18..6	22..44	28
8	6	Arcturus rise 11..18	or	7..17	4..43	♑ 0	18..57	23..32	29
9	7			7..17	4..43	12	[illegible]..57	☌	30
10	C	☉ eclip invis, 1st. Sund. past Epip		7..16	4..44	24	Sets	0..22	☽
11	2	☌ ☽ ♃		7..15	4..45	≈ 7	6..7	1..12	2
12	3		snow	7..15	4..45	20	7..11	2..2	3
13	4	☌ ☉ ☿ Occident.		7..14	4..46	♓ 3	8..15	2..50	4
14	5		flying	7..13	4..47	16	9..20	3..39	5
15	6	Days increase 18 min		7..13	4..47	♈ 0	10..27	4..28	6
16	7		clouds	7..12	4..48	14	11..36	5..18	7
17	C	2d. Sund. past Epip.		7..11	4..49	28	12..47	6..10	8
18	2		followed	7..10	4..50	♉ 12	13..57	7..3	9
19	3	□ ♃ ♂	by	7..10	4..50	27	15..6	7..57	10
20	4	☉ enter ≈	snow	7..9	4..51	♊ 11	16..11	8..52	11
21	5	Pleiades South 7..20 min.		7..8	4..52	25	17..14	9..50	12
22	6		or	7..7	4..53	♋ 10	18..13	10..50	13
23	7	Days 9..48 m.	cold	7..6	4..54	25		11..50	14
24	C	Septuag. Sund.		7..5	4..55	♌ 9	rise	12..48	15
25	2		rain	7..4	4..56	23	6..54	13..42	16
26	3	Sirius South 10..0		7..3	4..57	♍ 7	8..1	14..32	17
27	4			7..2	4..58	20	9..6	15..19	18
28	5		snow	7..1	4..59	♎ 3	10..9	16..4	19
29	6	Day 10 h.	toward	7..0	5..0	16	11..9	16..48	20
30	7		the	6..59	5..1	28	12..7	17..30	21
31	C	Sexagesima Sund.	end	6..58	5..2	♏ 10	13..3	18..12	22

1796, ☉ Long. January	Logarithm ☉ a ⊕
s ° ′	
1 – 9..11..9	4.99259
7 – 9..17..15	4.99268
13 – 9..23..22	4.99281
19 – 9..29..29	4.99305
25 – 10..5..34	4.99336
February	☉ a ⊕
1 – 10..12..41	4.99383
7 – 10..18..45	4.99430
13 – 10..24..50	4.99483
19 – 11..0..55	4.99532
25 – 11..6..54	4.99606
March	☉ a ⊕
1 – 11..11..55	4.99663
7 – 11..17..55	4.99734
13 – 11..23..54	4.99783
19 – 11..29..50	4.99859
25 – 0..5..50	4.99935

The Elements for an eclips of the Sun January 1796

True time of New Moon in January 1796	d h m 10..1..15 A.M.
Semediameter of the Earths Disc	° ′ 0..55
Suns distance from nearest Solstice	20..
Suns declination South	21..
Moons Latitude North descending	
Moons Horary motion from the Sun	
Angle of the Moons visible path with Ecliptic	5..
Suns Semediameter	
Moons Semediameter	
Semediameter of the penumbra	

1796 February Second Month hath 29 Days

Last ☾ 2 d 5 h 20 m afternoon
New ☽ 8..6..6 aft.
First ☾ 15..8..12 aft.
Full ○ 22..6..3 aft.

☊ { 1 ♋ 19, 11 ♋ 18, 21 ♋ 18 } deg.

☽	☉	♄	♃	♂	♀	☿	☽'s Lat.
	♒	♊	♒	♏	♓	♒	
1	13	7	18	23	9	23	4 N.
7	19	7	20	26	16	♓ 4	1 S.
13	25	7	21	29	23	11	5 S
19	♓ 1	7	22	♐ 2	♈ 0	17	0 N
25	7	7	23	6	8	15	5 N

M D	W D	Remarkable days Aspects, weather &c.	☉ rise	☉ sets	☽ place	☽ rise	☽ south	☽'s age
1	2	□ ♂ ☿ snow	6..57	5..3	♏ 21	13..58	18..55	23
2	3	purification V. M.	6..56	5..4	♐ 3	14..53	19..41	24
3	4	and	6..55	5..5	15	15..47	20..28	25
4	5	Days increase 56 min. cold	6..54	5..6	26	16..40	21..16	26
5	6	hard	6..53	5..7	♑ 8	17..28	22..5	27
6	7		6..52	5..8	20	18..12	22..56	28
7	C	Quinqua. Sund. ♃ orient	6..51	5..9	♒ 3	[illegible]	23..48	29
8	2	☌ ☽ ♃ weather	6..50	5..10	16	sets	☌	☽
9	3	Shrove Tuesday	6..49	5..11	29	5..57	0..38	2
10	4	Ash Wednesday	6..48	5..12	♓ 12	7..6	1..28	3
11	5		6..46	5..14	26	8..14	2..18	4
12	6	Bulls eye set 1..39 windy	6..45	5..15	♈ 10	9..22	3..8	5
13	7	♄ stationary and	6..44	5..16	24	10..30	3..58	6
14	C	1st. Sund. in Lent Valentine	6..43	5..17	♉ 8	11..38	4..49	7
15	2	cold	6..42	5..18	22	12..45	5..41	8
16	3	Days 10..40	6..40	5..20	♊ 6	13..51	6..35	9
17	4	[illegible] rain	6..39	5..21	20	14..56	7..33	10
18	5	or	6..38	5..22	♋ 5	16..0	8..35	11
19	6	☉ enter ♓	6..36	5..24	20	16..56	9..37	12
20	7	[illegible] snow	6..35	5..25	♌ 4	17..43	10..35	13
21	C	2d. Sund. in Lent	6..34	5..26	18	[illegible]	11..32	14
22	2	moderate	6..33	5..27	♍ 2	rise	12..29	15
23	3	weather	6..32	5..28	16	6..43	13..15	16
24	4	St. Matthias	6..31	5..29	29	7..43	13..59	17
25	5	□ ☉ ♄	6..30	5..30	♎ 12	8..43	14..43	18
26	6	toward ~~end~~	6..28	5..32	24	9..43	15..27	19
27	7	the ~~this~~	6..27	5..33	♏ 6	10..42	[illegible]..11	20
28	B	3d. Sund. in Lent ~~month~~	6..26	5..34	18	11..40	[illegible]..55	21
29	2	end	6..25	5..35	♐ 0	12..34	17..40	22

Venus (♀) will be evening Star untill the 7th day of Augt. and then morning Star untill the end of the year

March
1796 New ☽ 9..8..7 morn.
Full ○ 23..7..36 morn

April
1796 New ☽ 7..7..15 aft.
Full ○ 21..10..37 aft.

May
1796 New ☽ 7..4..2 morn
Full ○ 21..1..56 aft.

June
1796 New ☽ 5..11..21 morn
Full ○ 20..5..21 morn

July
1796 New ☽ 4..6..8 aft.
~~Full ○ 19..9..2 morn.~~

August
1796 New ☽ 3..1..29 morn.
Full ○ 18..10..18 morn

September
1796 New ☽ 1..10..22 morn r.
Full ○ 16..11..10 aft. r
~~New ☽ 30..9..49 aft~~
~~1796 New ☽ 30..0..19 aft r~~
~~Full ○ 16..11..10 morn.~~

November
1796 ~~[illegible]~~
New ☽ ~~29..5..42~~ morn

to be corrected

October
1796 Full ○ 16..11..11 morn
New ☽ 30..0 19 aft

November
1796 Full ○ 14..10..25 aft ~~[illegible]~~
New ☽ 29..5..42 morn.

December
1796 Full ○ 14..9..19 morn.
New ☽ 29..1..3 morn.

1796 March Third Month hath 31 Days.

d h m	☽	☉	♄	♃	♂	♀	☿	☽'s Lat.
Last ☾ 1..11..32 morn		♓	♊	♒	♐	♈	♓	
New ☽ 9..8..7 morn	1	12	7	25	9	15	12	3 N.
First ☽ 16..4..13 morn.	7	18	8	26	11	21	8	3 S.
Full ○ 23..7..36 morn	13	24	8	26	14	28	3	4 S.
Last ☾ 31..4..12 aft.	19	♈ 0	9	29	17	♉ 6	6	2 N.
☊ { 1 ♋ 17, 11 ♋ 17, 21 16 } deg.	25	6	9	♓ 0	19	13	8	5 N.

Planets Places

M D	W D	Remarkable days Aspects weather &c.		☉ rise	☉ set	☽'s place	☽ rise	☽ South	☽'s age
1	3	☌ ☉ ☿ Orient	St. David	6..24	5..36	♐ 12	13..34	18..26	23
2	4		high	6..23	5..37	23	14..29	19..13	24
3	5	pleiades Set 11..56		6..22	5..38	♑ 5	15..23	20..2	25
4	6		winds	6..21	5..39	17	16..13	20..52	26
5	7		with	6..19	5..41	29	16..59	21..42	27
6	B	4th. Sund. Lent.	rain	6..17	5..43	♒ 11	17..41	22..32	28
7	2	☌ ☽ ♃, □ ♄ ☿	or	6..16	5..44	24	18..20	23..22	29
8	3		snow	6..14	5..46	♓ 7		☌	30
9	4	Days increase 1..18		6..13	5..47	21	sets	0..12	☽
10	5		flying	6..12	5..48	♈ 5	6..53	1..2	2
11	6		clouds	6..11	5..49	19	8..2	1..52	3
12	7	Gregory		6..9	5..51	♉ 3	9..11	2..44	4
13	B	5th. Sund. in Lent		6..8	5..52	18	10..20	3..38	5
14	2		moderate	6..7	5..53	♊ 2	11..29	4..34	6
15	3	Days 11..48		6..6	5..54	17	12..38	5..32	7
16	4		weather	6..4	5..56	♋ 1	13..46	6..31	8
17	5	St patrick		6..3	5..57	15	14..50	7..30	9
18	6		cold	6..2	5..58	29	15..46	8..29	10
19	7	☉ enter ♈, ⚹ ♀ ☿, Equal day &		6..0	6..0	♌ 13	16..32	9..25	11
20	B	Palm Sund.	(night	5..59	6..1	27	17..12	10..19	12
21	2		rain	5..58	6..2	♍ 11	17..49	11..11	13
22	3	Spica ♍ South 1..11		5..57	6..3	24		11..59	14
23	4		and	5..55	6..5	♎ 7	rise	12..45	15
24	5		wind	5..54	6..6	20	7..41	13..30	16
25	6	Good Fryday		5..53	6..7	♏ 3	8..41	14..14	17
26	7	☿ great Elong.		5..52	6..8	15	9..41	14..59	18
27	B	Easter Sund.		5..50	6..10	27	10..40	15..45	19
28	2	Easter Mond.		5..49	6..11	♐ 9	11..38	16..33	20
29	3	Easter Tuesd.	pleasant	5..48	6..12	21	12..35	17..21	21
30	4		weather	5..46	6..14	♑ 2	13..30	18..9	22
31	5	Days 12..30		5..45	6..15	14	14..20	18..58	23

1796 ☉ Long. in April	Logarithm ☉ a ⊕
d s ° ′	
1 – 0 .. 12 .. 41	5·0003
7 – 0 .. 18 .. 35	5·0011
13 – 0 .. 24 .. 26	5·0018
19 – 1 .. 0 .. 17	5·0026
25 – 1 .. 6 .. 8	5·0033

April Fourth Month hath 30 Days

	d h m
New ☽	7 .. 7 .. 15 aft.
First ☾	14 .. 0 .. 0 noon
Full ○	21 .. 10 .. 37 aft.
Last ☾	29 .. 11 .. 2 aft.

☊ { 1 ♋ 16; 11 ♋ 15; 21 ♋ 15 } deg.

Planets Places							
D	☉	♄	♃	♂	♀	☿	☽'s
	♈	♊	♓	♐	♉	♓	Lat.
1	13	10	2	22	21	15	1 S.
7	19	10	3	24	28	23	5 S.
13	24	11	4	26	♊ 5	♈ 1	1 S.
19	♉ 0	11	6	27	12	11	5 N.
25	6	11	7	29	19	22	2 N.

M D	W D	Remarkable days Aspects weather &c.		☉ rise	☉ set	☽'s place	☽ rise	☽ south	☽'s age
1	6	Sirius sets 10 .. 53		5 .. 44	6 .. 16	♑ 26	15 .. 6	19 .. 47	24
2	7		Cloudy	5 .. 43	6 .. 17	♒ 8	15 .. 48	20 .. 36	25
3	B	1st. Sund. past East.		5 .. 41	6 .. 19	20	16 .. 28	21 .. 25	26
4	2	St. Ambrose	and	5 .. 40	6 .. 20	♓ 3	17 .. 4	22 .. 14	27
5	3		cool	5 .. 39	6 .. 21	16	17 .. 35	23 .. 3	28
6	4		with rain,	5 .. 38	6 .. 22	29		23 .. 52	29
7	5	♀ sets 9 .. 46		5 .. 36	6 .. 24	♈ 13	Sets	☌	☽
8	6		fine	5 .. 35	6 .. 25	27	7 .. 1	0 .. 41	1
9	7	Days 12 .. 52		5 .. 34	6 .. 26	♉ 12	8 .. 8	1 .. 31	2
10	B	2d. Sund. past East.	pleasant	5 .. 33	6 .. 27	27	9 .. 18	2 .. 25	3
11	2	☌ ☽ ♃		5 .. 32	6 .. 28	♊ 12	10 .. 30	3 .. 23	4
12	3	procyon set 12 .. 20		5 .. 30	6 .. 30	27	11 .. 40	4 .. 25	5
13	4		weather	5 .. 29	6 .. 31	♋ 11	12 .. 45	5 .. 27	6
14	5	Days increase 3 .. 48		5 .. 28	6 .. 32	25	13 .. 43	6 .. 27	7
15	6		flying	5 .. 27	6 .. 33	♌ 9	14 .. 36	7 .. 25	8
16	7		Clouds	5 .. 26	6 .. 34	23	15 .. 21	8 .. 20	9
17	B	3d Sund. past East		5 .. 25	6 .. 35	♍ 7	16 .. 0	9 .. 12	10
18	2		with	5 .. 23	6 .. 37	20	16 .. 33	10 .. 4	11
19	3	☉ enter ♉	Showers	5 .. 22	6 .. 38	♎ 3	17 .. 4	10 .. 52	12
20	4		of	5 .. 21	6 .. 39	16		11 .. 37	13
21	5	pleiades set 8 .. 57	rain,	5 .. 20	6 .. 40	29	rise	12 .. 21	14
22	6		windy	5 .. 18	6 .. 42	♏ 11	7 .. 40	13 .. 4	15
23	7	St. George		5 .. 17	6 .. 43	23	8 .. 39	13 .. 48	16
24	B	4th Sund. past East	with	5 .. 16	6 .. 44	♐ 5	9 .. 37	14 .. 33	17
25	2	St. Mark		5 .. 15	6 .. 45	17	10 .. 34	15 .. 21	18
26	3		flying	5 .. 14	6 .. 46	29	11 .. 30	16 .. 11	19
27	4	Arietis rise 4 .. 21	clouds,	5 .. 13	6 .. 47	♑ 11	12 .. 24	17 .. 1	20
28	5		and ~~with~~	5 .. 12	6 .. 48	23	13 .. 12	17 .. 51	21
29	6		rain	5 .. 11	6 .. 49	♒ 5	13 .. 54	18 .. 39	22
30	7	Days 13 .. 40		5 .. 10	6 .. 50	17	14 .. 31	19 .. 26	23

796, ☉ Longs in May	Logarithm ☉ a ☿
♉ ° ′ ″	
1 — 1 .. 11 .. 57	5.0039
7 — 1 .. 17 .. 44	5.0045
13 — 1 23 .. 31	5.0051
19 — 1 .. 29 .. 17	5.0056
25 — 2 .. 5 .. 2	5.0060

796 May. Fifth Month hath 31 Days

New ☽ 7 h 4 m 2 morn
First ☽ 13 .. 8 .. 40 aft.
Full ☉ 21 .. 1 .. 56 aft.
Last ☽ 29 .. 1 .. 25 aft.

☊ 1 14 / 11 ♋ 14 / 21 13 } deg.

Planets Places	☽	☉	♄	♅	♂	♀	☿	☽ v
	☽	☉	♄	♅	♂	♀	☿	Lat.
		♉	♊	♓	♐	♊	♉	
	1	12	13	8	29	26	4	4 S.
	17	17	14	9	♑ 0	♋ 2	16	4 S.
	13	24	15	9	0	8	29	3 N.
	19	29	15	10	0	14	♊ 8	5 N.
	25	♊ 5	16	11	♐ 29	21	18	1 S.

☽	W D	Remarkable days Aspects weather &c.	☉ rise	☉ sets	☽ place	☽ rise	☽ South	☽ age
1	B	Rogation Sund. St. philip & James	5 .. 9	6 .. 51	♒ 29	15 .. 6	20 .. 14	24
2	2	☌ ♄	5 .. 8	6 .. 52	♓ 12	15 .. 39	21 .. 2	25
3	3	Pleiades Sets 8 .. 12	5 .. 7	6 .. 53	25	16 .. 11	21 .. 50	26
4	4	clear	5 .. 5	6 .. 55	♈ 8	16 .. 43	22 .. 38	27
5	5	Ascension Day and	5 .. 4	6 .. 56	22	17 .. 15	23 .. 28	28
6	6	St. John Evang.	5 .. 3	6 .. 57	♉ 6		☌	29
7	7	pleasant	5 .. 2	6 .. 58	21	Sets	0 .. 24	☽
8	B	☌ ☉ ☿ Occident. 1st Sund. past Ab	5 .. 1	6 .. 59	♊ 6	8 .. 26	1 .. 21	2
9	2	expect	5 .. 0	7 .. 0	21	9 .. 36	2 .. 20	3
10	3	♄ rise 1 .. 49	4 .. 59	7 .. 1	♋ 6	10 .. 42	3 .. 22	4
11	4	rain	4 .. 58	7 .. 2	21	11 .. 42	4 .. 24	5
12	5	clear	4 .. 58	7 .. 2	♌ 5	12 .. 39	5 .. 22	6
13	6	♀ Sets 10 .. 34	4 .. 57	7 .. 3	19	13 .. 26	6 .. 17	7
14	7	and	4 .. 56	7 .. 4	♍ 2	14 .. 3	7 .. 7	8
15	B	Whit-Sund.	4 .. 55	7 .. 5	15	14 .. 30	7 .. 55	9
16	2	Whit-Mond. warm	4 .. 54	7 .. 6	28	14 .. 57	8 .. 40	10
17	3	Whit. Tues.	4 .. 53	7 .. 7	♎ 11	15 .. 25	9 .. 25	11
18	4		4 .. 52	7 .. 8	24	15 .. 54	10 .. 10	12
19	5	flying clouds	4 .. 52	7 .. 8	♍ 7	16 .. 24	10 .. 55	13
20	6	☉ enter ♊	4 .. 51	7 .. 9	19		11 .. 42	14
21	7		4 .. 51	7 .. 9	♐ 1	rise	12 .. 30	15
22	B	Trinity Sund. Thunder	4 .. 50	7 .. 10	13	8 .. 27	13 .. 18	16
23	2		4 .. 49	7 .. 11	25	9 .. 23	14 .. 6	17
24	3	gust and	4 .. 48	7 .. 12	♑ 7	10 .. 15	14 .. 54	18
25	4	♀ great elong	4 .. 47	7 .. 13	19	11 .. 3	15 .. 42	19
26	5		4 .. 46	7 .. 14	♒ 1	11 .. 47	16 .. 31	20
27	6	procyon Sets 9 .. 26 rain	4 .. 46	7 .. 14	13	12 .. 27	17 .. 19	21
28	7		4 .. 45	7 .. 15	25	13 .. 4	18 .. 6	22
29	B	Pfingst. past Trin. ☌ ☽ ♄ fine	4 .. 44	7 .. 16	♓ 8	13 .. 37	18 .. 53	23
30	2		4 .. 44	7 .. 16	21	14 .. 7	19 .. 39	24
31	3	Days 14 .. 34 growing weather	4 .. 43	7 .. 17	♈ 4	14 .. 37	20 .. 25	25

1796, ☉ Long. in June		Logarithm ☉ a ⊕
D	s ° ′	
1	2..11..46	5.0064
7	2..17..30	5.0067
13	2..23..14	5.0070
19	2..28..57	5.0071
25	3..4..40	5.0072

The Elements for an Eclips of the Moon June 20th

True time of full Moon in June 1796	d h m 20..5..21 A.M.
Moons Horizontal paralax	0..54
Suns Semidiameter	0..15
Moons Semidiameter	0..1[illegible]
Semediameter of the earths shadow at the ☽	0..38
Moons Latitud North descending	1..1[illegible]
Angle of her visable path with the Ecliptic	5..3[illegible]
Her true Horary motion from the Sun	0..2[illegible]

In the collection of the requesites I find the Sun to be from Anabibazon 11s..18°..13′..49″ and the Moon from Catabibazon ~~the same distance~~ viz. 5s..18°..13′..49″

Moons Lat. 61′..16″ N. D.

It appears to me that the wisest of men at certain times be in an error, for instance Doctor Ferguson informs when the Sun is within 12° of ~~the~~ Node at the time of full, that moon will be eclipsed, but I find according to the method of his projecting a Lunar Eclips there will be none by the above elements, and yet the Sun is within 11°..46′..11″ of the Moons Ascending Node — But Moons being ~~her~~ in her Apogee prevents the appearance of the Eclips

1796 June Sixth Month hath 30 Days.

New ☽ 5..11..21 morn.
First ☾ 12..5..32 morn.
Full ○ 20..5..21 morn.
Last ☾ 27..11..41 aft.

☊			
1		13	deg.
11	♋	12	
21		11	

Planets Places

☽	☉	♄	♃	♂	♀	☿	☽'s Lat.
	♊	♊	♓	♐	♋	♋	
1	12	17	12	28	27	4	5 S.
7	18	18	12	27	♌ 2	12	0 N.
13	23	18	13	25	7	16	5 N.
19	29	19	13	23	12	20	2 N.
25	♋ 5	20	13	21	16	19	4 S.

M D	W D	Remarkable days Aspects weather &c.		☉ rise	☉ sets	☽'s place	☽ rise	☽ south	☽'s age
1	4	□☉♃		4..43	7..17	♈ 18	15..5	21..14	26
2	5		warm	4..42	7..18	♉ 2	15..41	22..7	27
3	6	Days increase 5..20		4..42	7..18	16	16..21	23..5	28
4	7		winds	4..41	7..19	♊ 1		☌	29
5	B	2d. Sund past Trin		4..41	7..19	16	sets	0..5	☽
6	2	☿ great elong	from	4..41	7..19	♋ 1	8..26	1..5	2
7	3	☌☉♄, △♃☿	the	4..40	7..20	16	9..26	2..5	3
8	4		South	4..40	7..20	♌ 0	10..21	3..5	4
9	5	Arcturus South 8..51		4..40	7.20	14	11..7	4..2	5
10	6		rain	4..39	7..21	28	11..48	4..56	6
11	7	St. Barnabas	and	4..39	7..21	♍ 12	12..24	5..47	7
12	B	3d. Sund. past Trin.		4..39	7..21	25	12..58	6..36	8
13	2		wind	4..39	7..21	♎ 8	13..27	7..22	9
14	3	☍☉♂		4..39	7..21	21	13..53	8..6	10
15	4		flying	4..38	7..22	♏ 3	14..21	8..49	11
16	5		Clouds	4..38	7..22	15	14..49	9..32	12
17	6	St. Alban		4..38	7.22	27	15..21	10..16	13
18	7		with	4..38	7..22	♐ 9	15..55	11..2	14
19	B	4th. Sund. past Trin		4..38	7..22	21		11..50	15
20	2	Longest days	thunder	4..38	7..22	♑ 3	rise	12..39	16
21	3	☉ enter ♋		4..38	7..22	15	8..51	13..29	17
22	4	Days 14..44		4..38	7..22	27	9..37	14..19	18
23	5		gusts	4..38	7..22	♒ 9	10..20	15..9	19
24	6	St. John Bap.		4..38	7..22	22	10..59	15..59	20
25	7		and	4..38	7..22	♓ 5	11..34	16..47	21
26	B	5th. Sund. past Trin. ☌☽♃		4..38	7..22	18	12..4	17..32	22
27	2		rain	4..38	7..22	♈ 1	12..32	18..18	23
28	3		ends	4..38	7..22	14	13..2	19..5	24
29	4	St. peter and paul	this	4..39	7..21	27	13..35	19..55	25
30	5	Day decrease 2 min	month	4..39	7..21	♉ 11	14..12	20..48	26

1796 ☉ Long in July

D	☉	a	⊕
1	3	10	22
7	3	16	5
13	3	21	48
19	3	27	32
25	4	3	16

Logarithm

☉	a	⊕
5.0072		
5.0072		
5.0070		
5.0068		
5.0065		

The Elements for the projection of an eclipse of

June July 4 h. 1796

True time of New Moon in July. 1796 — d 4 h 6 m 7 P.M.

Semidiameter of the Earths disc — 0 60

Suns distance from the nearest Solstice — 13 0

Suns declination North — 22 50

Moons Latitude North Ascending — 0 17

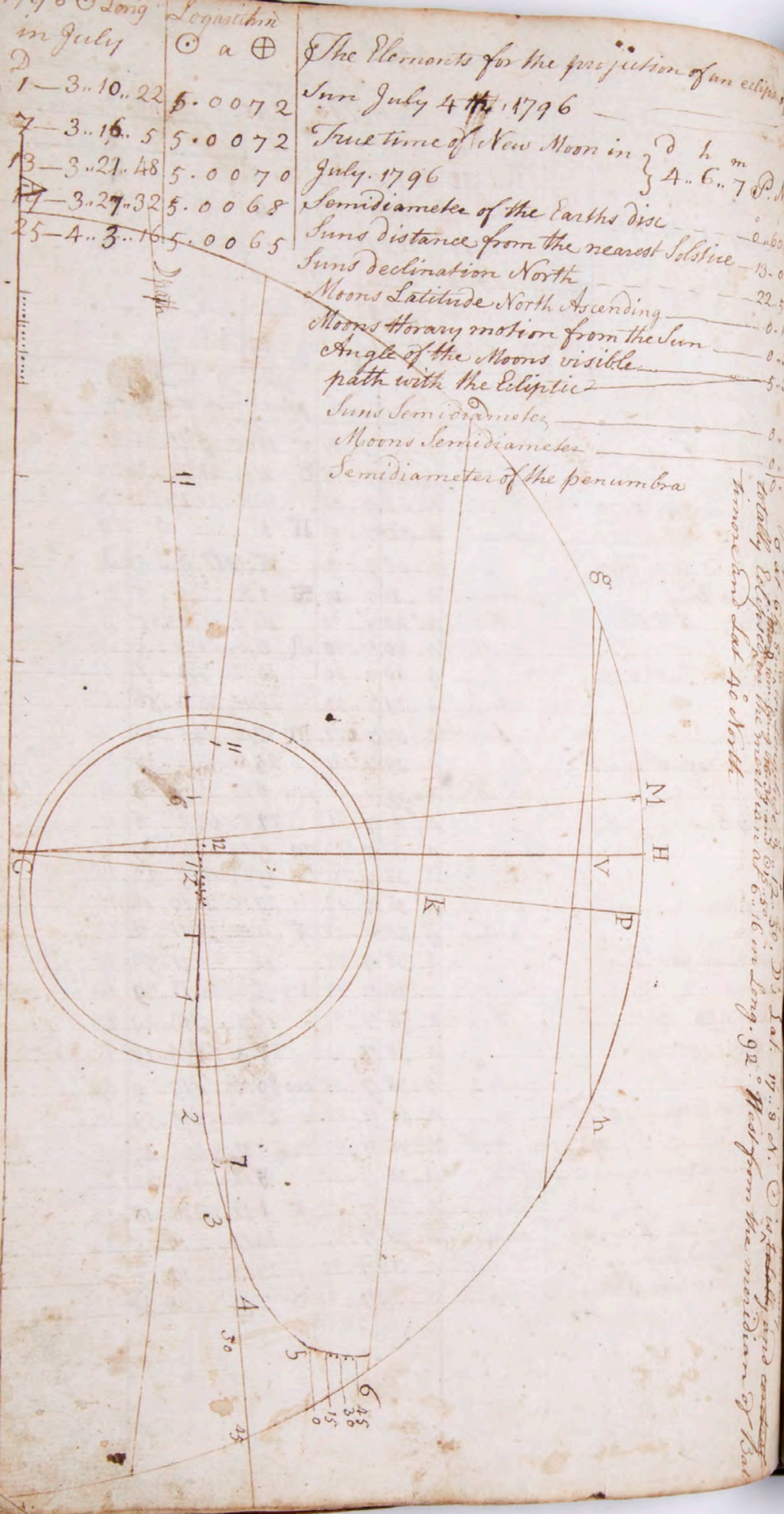
Moons horary motion from the Sun — 0 30

Angle of the Moons visible path with the Ecliptic — 5 3

Suns Semidiameter — 0 16

Moons Semidiameter — 0 16

Semidiameter of the penumbra — 0 32



1796 July Seventh Month hath 31 Days

New ☽ d 4 h 6 m 8 aft.
First 2. 11 .. 6 .. 8 aft.
Full ☉ 19 .. 9 .. 2 morn.
Last 2. 27 .. 7 .. 10 morn.

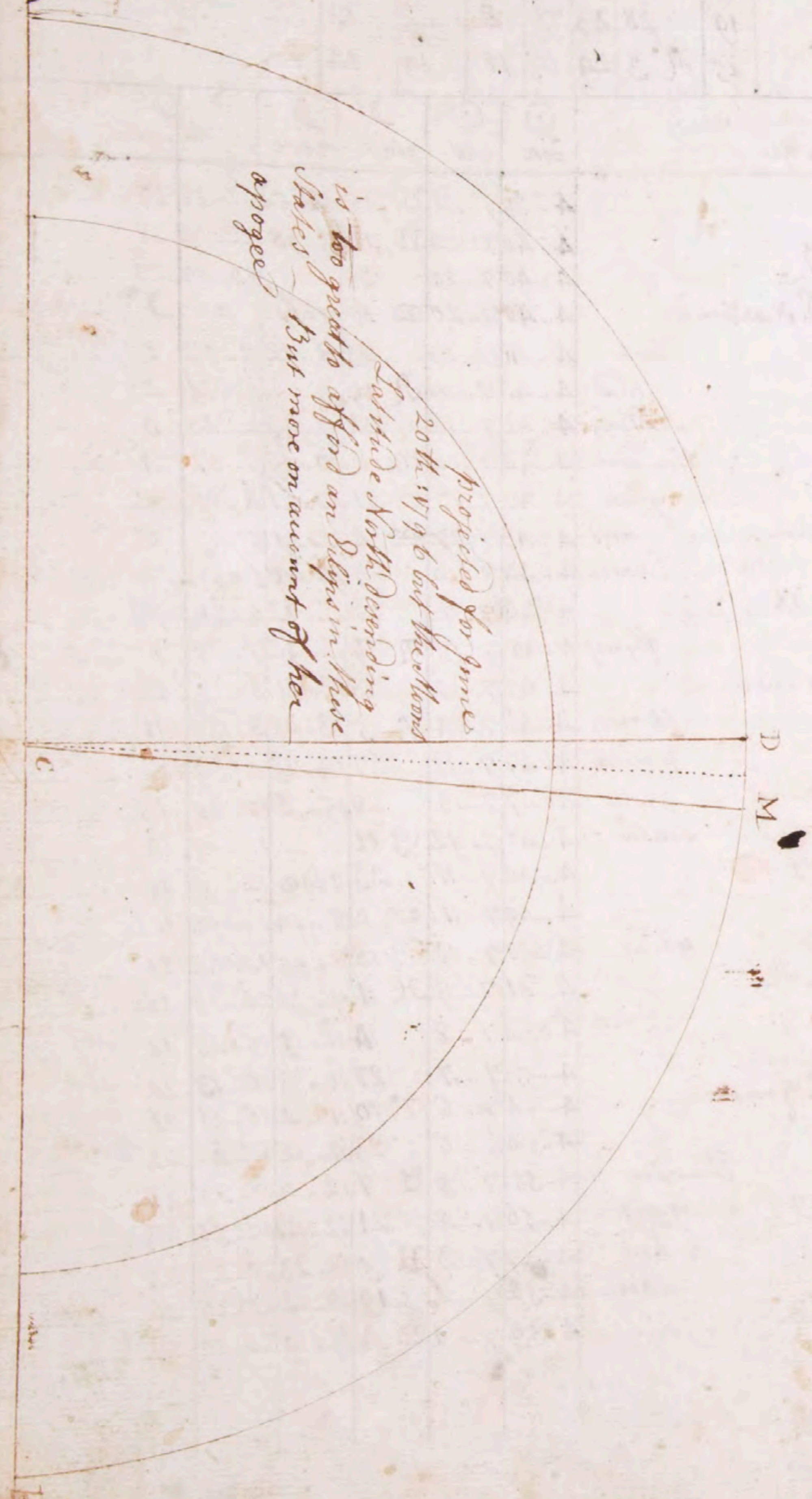
☌ { 1 ♊ 11 ♋ 21 } { ♓ 10 ♈ 10 } deg.

Planets Places.

D	☉	♄	♃	♂	♀	☿	☽ Lat.
	♋	♊	♓	♐	♌	♋	
1	10	21	13	19	19	19	4 S.
7	16	22	13	18	℞ 21	15	3 N.
13	22	22	13	18	22	12	5 N.
19	28	23	13	18	℞ 22	13	1 S.
25	♌ 3	24	12	18	19	14	5 S.

M D	W D	Remarkable days Aspects weather &c		☉ rise	☉ set	☽ place	☽ rise	☽ south	☽ age
1	6	△ ♂ ♀		4 .. 39	7 .. 21	♉ 25	14 .. 52	21 .. 45	27
2	7	Visitation V. Mary		4 .. 40	7 .. 20	♊ 10	15 .. 38	22 .. 45	28
3	B	6th. Sund. past Trin.		4 .. 40	7 .. 20	25		23 .. 49	29
4	2	☉ eclipt. invis. From St. Martin		4 .. 40	7 .. 20	♋ 10	sets	6	☽
5	3		hot	4 .. 41	7 .. 19	25	8 .. 12	0 .. 53	1
6	4		and	4 .. 41	7 .. 19	♌ 10	9 .. 1	1 .. 51	2
7	5	♂ ☉ ☿ Orient.	sultry,	4 .. 42	7 .. 18	24	9 .. 43	2 .. 45	3
8	6		thunder	4 .. 42	7 .. 18	♍ 8	10 .. 19	3 .. 37	4
9	7		gusts	4 .. 43	7 .. 17	21	10 .. 51	4 .. 26	5
10	B	7th. Sund. past Trin.	and	4 .. 43	7 .. 17	♎ 4	11 .. 21	5 .. 12	6
11	2		rain	4 .. 44	7 .. 16	17	11 .. 46	5 .. 54	7
12	3	Spica ♍ Sets 11 .. 14		4 .. 44	7 .. 16	29	12 .. 12	6 .. 36	8
13	4		flying	4 .. 45	7 .. 15	♏ 11	12 .. 40	7 .. 19	9
14	5	Day decrease 14 min.		4 .. 45	7 .. 15	23	13 .. 11	8 .. 3	10
15	6		clouds,	4 .. 46	7 .. 14	♐ 5	13 .. 45	8 .. 49	11
16	7		warm	4 .. 47	7 .. 13	17	14 .. 25	9 .. 39	12
17	B	8th. Sund. past Trin.		4 .. 47	7 .. 13	29	15 .. 8	10 .. 29	13
18	2			4 .. 48	7 .. 12	♑ 11		11 .. 19	14
19	3	△ ♃ ☿, ♂ Stationary	South	4 .. 49	7 .. 11	23	rise	12 .. 9	15
20	4	Margaret.		4 .. 49	7 .. 11	♒ 5	8 .. 14	12 .. 59	16
21	5			4 .. 50	7 .. 10	18	8 .. 53	13 .. 49	17
22	6	Magdalene ☉ enter ♌	winds	4 .. 51	7 .. 9	♓ 1	9 .. 31	14 .. 39	18
23	7	☌ ☽ ♃		4 .. 52	7 .. 8	14	10 .. 5	15 .. 27	19
24	B	9th. Sund. past Trin.		4 .. 53	7 .. 7	27	10 .. 33	16 .. 13	20
25	2	☿ great elong.	St. James	4 .. 54	7 .. 6	♈ 10	11 .. 0	16 .. 58	21
26	3	St. drive		4 .. 54	7 .. 6	23	11 .. 32	17 .. 46	22
27	4		thunder	4 .. 55	7 .. 5	♉ 7	12 .. 6	18 .. 37	23
28	5	Lyra South 9 .. 59	gusts	4 .. 56	7 .. 4	21	12 .. 42	19 .. 31	24
29	6		and	4 .. 57	7 .. 3	♊ 5	13 .. 23	20 .. 27	25
30	7	Dog Days begins	rain	4 .. 58	7 .. 2	19	14 .. 12	21 .. 27	26
31	B	10th. Sund. past Trin		4 .. 59	7 .. 1	♋ 4	15 .. 9	22 .. 30	27

1796, ☉ Long in August	Logarithm ☉ a ⊕
D s ° ′	
1 — 4 .. 9 - 58	5.00615
7 — 4 .. 15 .. 45	5.00579
13 — 4 .. 21 .. 29	5.00531
19 — 4 .. 27 .. 16	5.00476
25 — 5 .. 3 .. 4	5.00417



1796 August Eighth Month hath 31 Days

New ☽ 3 .. 1 .. 29 morn. (d h m)
First ☾ 10 .. 8 .. 48 morn.
Full ○ 18 .. 10 .. 18 morn.
Last ☾ 25 .. 4 .. 7 aft.

☊ { 1 ♋ 9, 11 ♋ 9, 21 ♋ 8 } deg.

Planets Places							
D	☉	♄	♃	♂	♀	☿	☽'s
	♌	♊	♓	♐	♌	♋	Lat.
1	10	24	12	18	17	22	1 N.
7	16	25	11	19	13	♌ 1	5 N.
13	22	25	10	21	9	13	1 N.
19	27	26	10	23	7	25	4 S.
25	♍ 3	26	9	25	5	♍ 8	3 S.

M D	W D	Remarkable days Aspects weather &c.		☉ rise	☉ set	☽'s place	☽ rise	☽ south	☽'s age
1	2	Lammas day		5 .. 0	7 .. 0	♋ 19	16 .. 7	23 .. 30	28
2	3	[illegible]		5 .. 1	6 .. 59	♌ 4		☌	29
3	4	♃ Sets 8 .. 14	wind	5 .. 2	6 .. 58	19	Sets	0 .. 30	☽
4	5		and	5 .. 3	6 .. 57	♍ 3	8 .. 15	1 .. 26	2
5	6		rain	5 .. 4	6 .. 56	17	8 .. 52	2 .. 18	3
6	7	Transfig. ☌ ☉		5 .. 5	6 .. 55	♎ 0	9 .. 23	3 .. 6	4
7	B	11th. Sund. past Trin. ♀ Orient		5 .. 6	6 .. 54	13	9 .. 52	3 .. 50	5
8	2		Clear	5 .. 7	6 .. 53	26	10 .. 17	4 .. 34	6
9	3		and	5 .. 8	6 .. 52	♏ 8	10 .. 46	5 .. 18	7
10	4	St. Lawrence		5 .. 9	6 .. 51	20	11 .. 15	6 .. 2	8
11	5		warm,	5 .. 10	6 .. 50	♐ 2	11 .. 44	6 .. 46	9
12	6	Days decrease 1 .. 6		5 .. 11	6 .. 49	14	12 .. 19	7 .. 32	10
13	7		thunder	5 .. 12	6 .. 48	26	12 .. 59	8 .. 20	11
14	B	12th. Sund. past Trin.		5 .. 13	6 .. 47	♑ 7	13 .. 45	9 .. 9	12
15	2		and	5 .. 14	6 .. 46	19	14 .. 36	9 .. 59	13
16	3	Bulls eye rise 11 .. 44		5 .. 15	6 .. 45	♒ 1	15 .. 30	10 .. 49	14
17	4		rain,	5 .. 16	6 .. 44	13		[illegible] .. 38	15
18	5		great	5 .. 18	6 .. 42	26	rise	12 .. 27	16
19	6	☌ ☽ ♃		5 .. 19	6 .. 41	♓ 9	7 .. 57	13 .. 16	17
20	7		dews	5 .. 20	6 .. 40	22	8 .. 32	14 .. 5	18
21	B	☌ ☉ ☿ Occident. 13th. Sund past Trin.		5 .. 21	6 .. 39	♈ 5	9 .. 3	14 .. 54	19
22	2			5 .. 22	6 .. 38	19	9 .. 34	15 .. 44	20
23	3	☉ enters ♍		5 .. 23	6 .. 37	♉ 3	10 .. 9	16 .. 36	21
24	4	St. Bartholomew		5 .. 24	6 .. 36	17	10 .. 45	17 .. 30	22
25	5		thunder	5 .. 26	6 .. 34	♊ 1	11 .. 24	18 .. 26	23
26	6	Arcturus Sets 10 .. 55	gusts	5 .. 27	6 .. 33	15	12 .. 10	19 .. 24	24
27	7			5 .. 28	6 .. 32	29	13 .. 3	20 .. 24	25
28	B	14th. Sund. past Trin. St. Augustine		5 .. 29	6 .. 31	♋ 14	14 .. 0	21 .. 25	26
29	2	St. John Bap. behead.		5 .. 30	6 .. 30	29	15 .. 5	22 .. 25	27
30	3	~~Occident~~ ☍ ☉ ♃ occident	and	5 .. 32	6 .. 28	♌ 14	16 .. 15	23 .. 24	28
31	4	Days 12 .. 54	rain	5 .. 33	6 .. 27	28		☌	29

1796, ☉ Long. in September	Logarithm ☉ a ⊕
D ° ′	
1 — 5 .. 9 .. 50	5.00342
7 — 5 .. 15 .. 40	5.00273
13 — 5 .. 21 .. 31	5.00201
19 — 5 .. 27 .. 23	5.00126
25 — 6 .. 3 .. 16	5.00050

1796 September Ninth Month hath 30 Days.

New ☽ d h m 1 .. 10 .. 22 morn.
First ☌ 8 .. 11 .. 38 aft.
Full ☍ 16 .. 11 .. 10 aft.
Last ☌ 23 .. 10 .. 8 aft.
New ☽ 30 .. 9 .. 49 aft.

☌ { 1 11 21 ☍ 8 7 7 } deg.

Planets Places

D	☉	♄	♃	♂	♀	☿	☽
	♍	♊	♓	♐	♌	♍	Lat.
1	10	27	8	28	7	20	5 N.
7	16	27	7	♑ 1	8	29	3 N
13	22	27	6	4	11	♎ 9	3 S.
19	27	28	6	8	14	18	5 S.
25	♎ 3	28	5	11	19	27	2 N.

M. ☉	Wr ☽	Remarkable days Aspects weather &c		☉ rise	☉ set	☽ place	☽ sets	☽ south	☽ age
1	5	☌ ♄ ♂	great	5 .. 34	6 .. 26	♍ 12	sets	0 .. 18	D
2	6		dews	5 .. 35	6 .. 25	26	7 .. 27	1 .. 6	2
3	7	Dog days end		5 .. 36	6 .. 24	♎ 9	7 .. 55	1 .. 52	3
4	B	15th. Sund. past Trin.		5 .. 38	6 .. 22	22	8 .. 23	2 .. 38	4
5	2		flying	5 .. 39	6 .. 21	♏ 5	8 .. 53	3 .. 23	5
6	3	□ ♄ ☿		5 .. 40	6 .. 20	17	9 .. 23	4 .. 6	6
7	4		Clouds	5 .. 41	6 .. 19	29	9 .. 53	4 .. 51	7
8	5	Nativity V. Mary		5 .. 43	6 .. 17	♐ 11	10 .. 26	5 .. 38	8
9	6		and	5 .. 44	6 .. 16	23	11 .. 6	6 .. 26	9
10	7		rain	5 .. 45	6 .. 15	♑ 4	11 .. 49	7 .. 14	10
11	B	16th. Sund. past Trin.		5 .. 46	6 .. 14	16	12 .. 37	8 .. 2	11
12	2			5 .. 48	6 .. 12	28	13 .. 30	8 .. 51	12
13	3	pleiades rise 8 .. 46		5 .. 49	6 .. 11	♒ 10	14 .. 26	9 .. 40	13
14	4		pleasant	5 .. 50	6 .. 10	22	15 .. 25	10 .. 28	14
15	5	☌ ☽ ♃		5 .. 52	6 .. 8	♓ 4		11 .. 16	15
16	6		weather	5 .. 53	6 .. 7	17	rise	12 .. 4	16
17	7		followed	5 .. 54	6 .. 6	♈ 0	7 .. 7	12 .. 52	17
18	B	17th. Sund. past Trin.		5 .. 55	6 .. 5	14	7 .. 37	13 .. 40	18
19	2		by	5 .. 56	6 .. 4	28	8 .. 9	14 .. 30	19
20	3	□ ☉ ♄	rain	5 .. 58	6 .. 2	♉ 12	8 .. 42	15 .. 23	20
21	4	St. Matthew		5 .. 59	6 .. 1	26	9 .. 22	16 .. 19	21
22	5	Equal Day & night		6 .. 0	6 .. 0	♊ 10	10 .. 8	17 .. 19	22
23	6	☉ enters ♎	cool	6 .. 2	5 .. 58	25	11 .. 2	18 .. 23	23
24	7		dews	6 .. 3	5 .. 57	♋ 10	12 .. 2	19 .. 26	24
25	B	18th. Sund. past Trin. △ ♄ ☿		6 .. 4	5 .. 56	25	13 .. 5	20 .. 28	25
26	2	St. Cyprian		6 .. 5	5 .. 55	♌ 9	14 .. 11	21 .. 26	26
27	3		rain	6 .. 7	5 .. 53	23	15 .. 18	22 .. 20	27
28	4		toward	6 .. 8	5 .. 52	♍ 7	16 .. 26	23 .. 10	28
29	5	St. Michael	the	6 .. 9	5 .. 51	21		23 56	29
30	6	Days 11 .. 38	end	6 .. 11	5 .. 49	♎ 5	Sets	☽ ☌ ♂	D

1796 ☉ Long in October	Logarithm ☉ a ⊕
D S ° ′	
1—6..9..11	4.99973
7—6..15..6	4.99897
13—6..21..4	4.99833
19—6..27..2	4.99759
25—7..3..1	4.99686

1796 October Tenth Month hath 31 Days

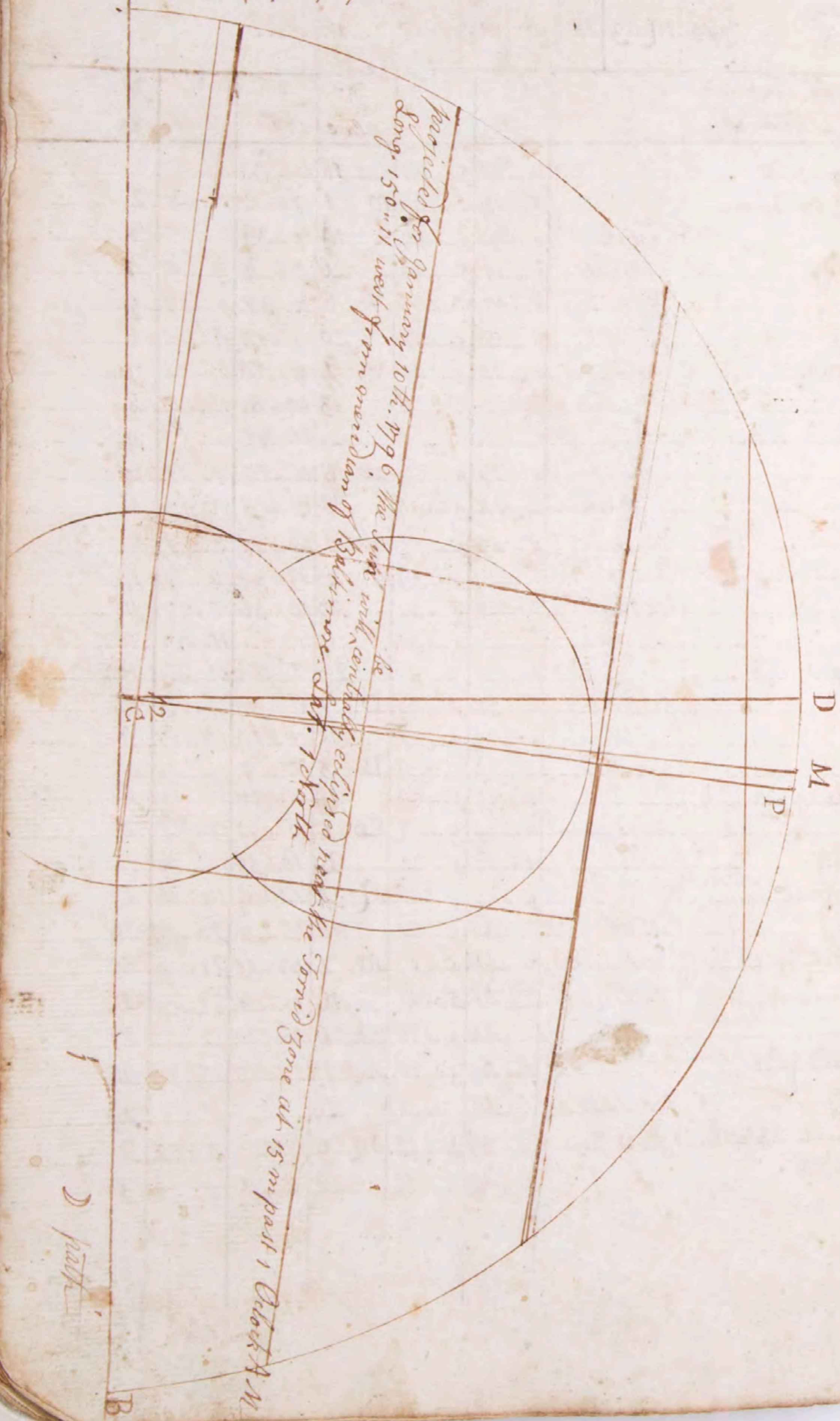
First ☽. 8..6..32 aft.
Full ○ 16..11..11 morn.
Last ☽. 23..6..8 morn.
New ☽ 30..0..19 aft.

☊ { 1, 11 ♋, 21 } { 6, 6, 5 } deg.

		Planets Places					
D	☉	♄	♃	♂	♀	☿	☽'s Lat.
	♎	♊	♓	♑	♌	♏	
1	9	28	5	15	24	3	5 N.
7	15	28	4	18	29	10	0 N.
13	21	28	4	22	♍ 5	13	5 S.
19	27	28	3	26	11	16	2 S.
25	♏ 3	28	3	♒ 0	17	12	4 N.

M D	W D	Remarkable days Aspects weather &c.		☉ rise	☉ sets	☽'s place	☽ sets	☽ south	☽'s age
1	7	Days decrease 3..8		6..12	5..48	♎ 18	6..33	0..42	1
2	B	19th. Sund. past Trin.		6..13	5..47	♏ 1	7..3	1..28	2
3	2		Cool	6..14	5..46	14	7..33	2..14	3
4	3		dews	6..15	5..45	26	8..4	3..0	4
5	4	♄ Stationary		6..17	5..43	♐ 8	8..37	3..47	5
6	5	⚹ ♄ ♀		6..18	5..42	20	9..13	4..34	6
7	6	☿ great elong.	expect	6..19	5..41	♑ 1	9..54	5..21	7
8	7		rain,	6..20	5..40	13	10..40	6..9	8
9	B	20th Sund. past Trin.		6..22	5..38	25	11..32	6..57	9
10	2		white	6..23	5..37	♒ 6	12..27	7..45	10
11	3		frost	6..24	5..36	18	13..25	8..33	11
12	4	☌ ☽ ♃		6..25	5..35	♓ 0	14..26	9..21	12
13	5	♀ rise 2..52		6..27	5..33	13	15..30	10..9	13
14	6		pleasant	6..28	5..32	26	16..36	10..57	14
15	7		weather	6..29	5..31	♈ 9		11..45	15
16	B	21th. Sund. past Trin.		6..30	5..30	23	rise	12..33	16
17	2		flying	6..32	5..28	♉ 7	6..49	13..23	17
18	3	St. Luke	clouds	6..33	5..27	21	7..24	14..17	18
19	4		wind	6..34	5..26	♊ 5	8..7	15..15	19
20	5	♀ great elong., △ ☉ ♄		6..35	5..25	20	8..56	16..15	20
21	6		and rain	6..36	5..24	♋ 5	9..52	17..17	21
22	7	☉ enters ♏		6..38	5..22	20	10..56	18..19	22
23	B	22d. Sund. past Trin.		6..39	5..21	♌ 4	12..2	19..18	23
24	2		Cool	6..40	5..20	18	13..9	20..13	24
25	3	pleiades rise 6..12	mornings,	6..41	5..19	♍ 2	14..15	21..5	25
26	4		falling	6..42	5..18	16	15..20	21..55	26
27	5			6..44	5..16	♎ 0	16..24	22..42	27
28	6	St. Simon and Jude		6..45	5..15	13	17..27	23..27	28
29	7		weather	6..46	5..14	26		☌	29
30	B	☌ ☉ ☿ Orient. 23th. Sund past Trin		6..47	5..13	♏ 9	Sets	0..12	☽
31	2	Days 10..24		6..48	5..12	22	6..2	0..56	1

1796 ☉ Long. in Novemb.	Logarithm ☉ a ⊕
D — s ° ′	
1 — 7..10..1	4.99606
7 — 7..16..3	4.99542
13 — 7..22..6	4.99483
19 — 7..28..11	4.99430
25 — 8..4..15	4.99383



1796 November Eleventh Month hath 30 Days

First ☾ 7..1..58 aft.
Full ○ 14..10..25 aft.
Last ☾ 21..4..3 aft.
New ☽ 29..5..42 morn.

☊ { 1, 11, 21 } ♋ { 4, 4, 3 } deg.

Planets Places							
D	☉	♄	♃	♂	♀	☿	☽'s
	♏	♊	♓	♒	♍	♏	Lat.
1	10	27	3	5	24	4	3 N.
7	16	27	3	9	♎ 1	6	3 S.
13	22	27	4	13	8	9	4 S.
19	28	27	4	18	15	13	2 N.
25	♐ 4	26	5	22	22	18	5 N.

M D	W D	Remarkable days Aspects weather &c.		☉ rise	☉ set	☽'s place	☽ sets	☽ South	☽'s age
1	3	All Saints		6..49	5..11	♐ 4	6..39	1..42	2
2	4	pleiades So. 1..8		6..51	5..9	16	7..18	2..30	3
3	5		windy	6..52	5..8	28	8..1	3..20	4
4	6	□♄♀	weather,	6..53	5..7	♑ 10	8..47	4..10	5
5	7		rain	6..54	5..6	22	9..36	5..0	6
6	B	24th. Sund. past Trin.		6..55	5..5	♒ 3	10..28	5..47	7
7	2	♀ rise 3..18	or	6..56	5..4	15	11..23	6..33	8
8	3	Sirius rise 10..37		6..57	5..3	27	12..22	7..19	9
9	4	☌☽♃	snow	6..58	5..2	♓ 9	13..22	8..4	10
10	5	Day decrease 4..42		6..59	5..1	22	14..22	8..49	11
11	6	St. Martin		7..0	5..0	♈ 5	15..25	9..35	12
12	7		pleasant	7..1	4..59	18	16..31	10..22	13
13	B	25th. Sund. past Trin.		7..2	4..58	♉ 2		11..12	14
14	2		for	7..3	4..57	16	rise	12..5	15
15	3	Bulls eye South 1..5		7..4	4..56	♊ 0	6..0	13..1	16
16	4		the	7..5	4..55	15	6..47	14..1	17
17	5	♃ Sets 12..19		7..6	4..54	♋ 0	7..39	15..4	18
18	6		Season,	7..7	4..53	15	8..42	16..7	19
19	7		flying	7..8	4..52	♌ 0	9..47	17..7	20
20	B	26th. Sund. past Trin.		7..8	4..52	14	10..55	18..4	21
21	2		Clouds	7..9	4..51	28	12..3	18..58	22
22	3	☉ enters ♐		7..10	4..50	♍ 12	13..10	19..48	23
23	4		with	7..11	4..49	26	14..16	20..35	24
24	5	Days decrease 5..8		7..12	4..48	♎ 9	15..19	21..21	25
25	6		wind,	7..12	4..48	22	16..22	22..7	26
26	7		rain	7..13	4..47	♏ 5	17..25	22..53	27
27	B	Advent Sund.		7..14	4..46	18	18..25	23..38	28
28	2	Algol South 10..37	or	7..15	4..45	♐ 0		☌	29
29	3		snow	7..15	4..45	12	sets	0..23	☽
30	4	Days 9..28		7..16	4..44	24	5..46	1..7	2

1796 ☉ Long in Decemb. ☽	Logarithm ☉ a ⊕
1 — 8..10..21	4.99342
7 — 8..16..26	4.99310
13 — 8..22..33	4.99285
19 — 8..28..40	4.99268
25 — 9..4..46	4.99260

Elements for projection of an eclips of Moon Decem 1796

True time of full Moon in December 1796	d h m 14..9..20
Moons Horizontal paralax	° ′ ″ 0..60..3[illegible]
Suns Semidiameter	0..16..[illegible]
Moons Semidiameter	0..16..[illegible]
½ Earths Shadow at the Moon	0..44..[illegible]
Moons Latitude South Ascending	0..42..[illegible]
Angle of her visible path with ŷ eclipt.	5..35
Her true Horary Motion from the Sun	0..34..[illegible]

Elements for projecting an Eclips of Sun December 1796

True time of New Moon in Decemb. 1796, d h m 29..1..3 A.M.

Semidiameter of the Earths disc	° ′ ″ 0..55..[illegible]
Suns distance from the nearest Solstice	9..[illegible]
Suns declination South	23..11..[illegible]
Moons Latitude South Descending	0..37..15
Moons Horary motion from the Sun	0..28..[illegible]
Angle of the Moons visible path with the Ecliptic	5..35..[illegible]
Suns Semidiameter	0..16..[illegible]
Moons Semediameter	0..15..[illegible]
Semediameter of the penumbra	0..31..[illegible]

1796 December Twelfth Month hath 31 Days

First ☽ 7..6..50 morn. (d h m)
Full ○ 14..9..20 morn.
Last ☽ 21..2..22 morn.
New ☽ 29..1..3 morn.

☊ {1 ♋ 3; 11 2; 21 2} deg.

Planets Places							
☽	☉	♄	♃	♂	♀	☿	☽'s
	♐	♊	♓	♒	♎	♏	Lat
1	10	26	5	26	29	27	0 S.
7	16	25	6	♓ 0	♏ 6	♐ 6	5 S.
13	23	25	7	5	13	15	2 S.
19	29	24	8	9	20	25	5 N
25	♑ 5	24	8	14	28	♑ 4	3 N

M D	W D	Remarkable days Aspects weather &c		☉ rise	☉ sets	☽'s place	☽ sets	☽ South	☽'s age
1	5	△♄♂		7..16	4..44	♑ 6	6..31	1..55	3
2	6			7..17	4..43	18	7..21	2..45	4
3	7		Cold	7..18	4..42	♒ 0	8..16	3..35	5
4	B	2d. Sund. in Advent		7..18	4..42	12	9..12	4..23	6
5	2		and	7..19	4..41	24	10..9	5..10	7
6	3	Nicholas, ☌☽♃		7..19	4..41	♓ 6	11..7	5..55	8
7	4	△♃♀	windy,	7..20	4..40	♓ 18	12..7	6..39	9
8	5	Concep V. Mary		7..20	4..40	♈ 1	13..9	7..23	10
9	6		with	7..20	4..40	♈ 14	14..11	8..8	11
10	7		snow	7..21	4..39	27	15..15	8..55	12
11	B	3d. Sund. in Advent		7..21	4..39	♉ 11	16..23	9..44	13
12	2		or	7..21	4..39	25	17..33	10..37	14
13	3		rain,	7..21	4..39	♊ 9		11..34	15
14	4	☽ eclip invis,		7..22	4..38	24	rise	12..35	16
15	5	☍☉♄ Occident.		7..22	4..38	♋ 9	6..13	13..38	17
16	6		Clear	7..22	4..38	24	7..18	14..42	18
17	7		and	7..22	4..38	♌ 9	8..27	15..42	19
18	B	4th Sund. in Advent		7..22	4..38	23	9..35	16..38	20
19	2	☌♂♃	cold,	7..22	4..38	♍ 7	10..41	17..28	21
20	3	☉ enter ♑		7..22	4..38	21	11..47	18..15	22
21	4	Shortest days		7..22	4..38	♎ 5	12..52	19..1	23
22	5			7..22	4..38	18	13..55	19..46	24
23	6	Day 9..16	with	7..22	4..38	♏ 1	14..57	20..31	25
24	7			7..22	4..38	14	15..59	21..16	26
25	B	Christmas ☌☉☿ Occident.	rain	7..22	4..38	26	17..0	22..2	27
26	2	St. Stephen		7..22	4..38	♐ 8	17..58	22..48	28
27	3	St. John		7..22	4..38	20	18..55	23..35	29
28	4	Innocents	or	7..21	4..39	♑ 2		☌	30
29	5	☉ eclip. invis		7..21	4..39	14	sets	0..23	☽ eclips Ith
30	6			7..21	4..39	26	5..0	1..12	2
31	7	Silvester	snow	7..20	4..40	♒ 8	5..56	2..2	3

♄ 1797 Long.	1797 ♄ Annomally
s ° ′	
2..25..18	5..24..36

♃ 1797 Long	1797 Annomally
s ° ′	s ° ′
11..21..15	5..9..45

1797 ♂

1797 ♂ Long.	1797 ♂ Annomally
s ° ′	s ° ′
0..18..43	7..16..16

1797 ♀ Long.	♀ Annomally
s ° ′	s ° ′
6..10..46	8..2..43

☿ Long	☿ Anomally
s ° ′	s ° ′
10..6..59	1..22..50

1797 January First Month hath 31 Days.

First ☽ 5..11..4 aft.
Full ○ 12..8..1 aft.
Last ☽ 19..6..8 aft.
New ☽ 27..8..38 aft

☊ { 1 ♋ 1 / 11 ♊ 19 / 21 28 } deg.

	☉	♄	♃	♂	♀	☿	☽s
	Long.	♊	♓	♓	♐	♑	Lat
1	9..11..53	23	10	19	8	16	4 S.
7	9..18..0	23	11	23	15	26	4 S.
13	9..24..8	22	12	27	21	♒ 6	3 N.
19	10..0..14	21	13	♈ 2	28	15	5 N
25	10..6..20	21	14	6	♑ 6	24	1 S.

M D	W D	Remarkable days Aspects weather &c.		☉ rise	☉ sets	☽s Long.	☽ sets.	☽ South	☽s age
1	A	Circumcision		7..20	4..40	10..20..16	8..8	2..50	4
2	2		high	7..20	4..40	11..2..25	9..8	3..37	5
3	3	☌ ☽ ♃	cold	7..20	4..40	11..14..47	10..10	4..22	6
4	4		wind	7..19	4..41	11..27..15	11..13	5..3	7
5	5		snow	7..19	4..41	0..10..0	12..16	5..48	8
6	6	Epiphany		7..18	4..42	0..23..4	13..19	6..33	9
7	7	□ ♄ ♂	or	7..18	4..42	1..6..25	14..22	7..20	10
8	A	1st. Sund past Epip.		7..17	4..43	1..20..14	15..29	8..12	11
9	2	Days increase 10 min.	cold	7..17	4..43	2..4..26	16..37	9..8	12
10	3		rain,	7..16	4..44	2..18..58	17..45	10..8	13
11	4	pleiades South 8..2		7..15	4..45	3..3..47		11..8	14.
12	5		Clear	7..15	4..45	3..18..46	rise	12..15	15
13	6		and	7..14	4..46	4..3..45	5..56	13..17	16
14	7	☍ ♄ ♀		7..13	4..47	4..18..34	7..9	14..15	17
15	A	2d. Sund. past Epip.		7..13	4..47	5..3..4	8..21	15..9	18
16	2		windy	7..12	4..48	5..17..12	9..31	15..58	19
17	3	Days increase		7..11	4..49	6..0..53	10..37	16..45	20
18	4	Sirius South 10..33		7..10	4..50	6..14..9	11..37	17..28	21
19	5	☉ enters ♒		7..10	4..50	6..27..1	12..37	18..13	22
20	6	♀ rise 5..10		7..9	4..51	7..9..35	13..37	18..58	23
21	7		snow	7..8	4..52	7..21..54	14..37	19..44	24
22	A	3d. Sund. past Epip.		7..7	4..53	8..4..3	15..36	20..31	25
23	2		or	7..6	4..54	8..16..4	16..32	21..18	26
24	3		rain	7..5	4..55	8..28..2	17..26	22..9	27
25	4	□ ♂ ♀		7..4	4..56	9..9..58	18..13	22..59	28
26	5		cold	7..3	4..57	9..21..58		23..48	29
27	6	pleiades Set 2..22		7..2	4..58	10..4..3	Sets	☌	☽
28	7		and	7..1	4..59	10..16..14	5..50	0..36	1
29	A	4th. Sund. past Epip.		7..0	5..0	10..28..30	6..51	1..22	2
30	2	☌ ☽ ♃	windy	6..59	5..1	11..10..57	7..53	2..6	3
31	3	Days 10..4	snow	6..58	5..2	11..23..31	8..55	2..51	4

A gentleman Sent his Servant with £100 to buy 100 Cattle, with orders to give £5 for each Bullock, 20 Shilling for cows, and one Shilling for each Sheep; the question is to know what number of each Sort he brought to his master

Answer

19 Bullocks at 5£ each	£95
1 Cow at 20 S.	1
80 Sheep at 1S each	4
100 proof	100

Eclipses for 1797

first June 9 ☽
Second June 24 ☉
Third Novem. 18 ☉
Fourth Decemb 3 ☽
Fifth Decemb 18 ☉

Common Notes and moveable feasts for the year 1797

Dominical Letter	A	Easter Sunday	April 16
Cycle of the Sun	14	Ascension Day	May 25
Golden Number	12	Whitsunday	June 4
Epact	1	Trinity Sunday	June 11
Number of Direction	26	Advent Sunday	Decemb 3

December 13th 1797 I Dreamed I saw some thing passing by my to and fro, and when I attempted to go the door, it would vanish and reapted it twice or thrice; at lenght I let in the infernal Spirit he told me that he had been concerned with a woman by the name of Freeman (I never heard the name as I remember) by some means into a Skirmish, and I threw him behind the fire and endeavored him up but all in vain — I know not what become of him but he was ill formed being — Some part of him in Shape of a man, but hairy as a beast, his feet was circular and or rather globular and did not exceed inch and a half in diameter, but while I held him in the fire he said some respecting he was able to Stand it, but I forget his words

D D Bannerman

1797 February Second Month hath 28 Days

Planets Places

First 2. 4 .. 0 .. 36 aft.
Full ☉ 11 .. 6 .. 45 morn.
Last 2 .. 18 .. 9 .. 30 morn.
New ☽ 26 .. 2 .. 41 aft.

		☽	☉	♄	♆	♂	♀	☿	☽
			Long.	♊	♓	♈	♒	♓	Lat.
		1	10 .. 13 .. 26	22	16	11	14	1	5 S.
		7	10 .. 19 .. 31	21	17	15	22	0	0 S.
		13	10 .. 25 .. 35	21	19	20	♒ 0	♒ 24	5 N.
8	1 11 21 / ♊ / 29 29 28	19	11 .. 1 .. 38	21	20	24	7	18	1 N.
	deg.	25	11 .. 7 .. 40	21	22	28	13	16	4 S.

D	W D	Remarkable days Aspects weather &c.	☉ rise	☉ set.	☽ Long.	☽ Sets	☽ South	☽ age
1	A	Days increase 50 min.	6 .. 57	5 .. 3	0 .. 6 .. 18	9 .. 57	3 .. 34	5
2	5	purification V. M.	6 .. 56	5 .. 4	0 .. 19 .. 17	10 .. 59	4 .. 19	6
3	6	Snow	6 .. 55	5 .. 5	1 .. 2 .. 32	12 .. 1	5 .. 5	7
4	7	☿ Stationary or	6 .. 54	5 .. 6	1 .. 16 .. 2	13 .. 6	5 .. 51	8
5	A	5th Sund. past Epip.	6 .. 53	5 .. 7	1 .. 29 .. 53	14 .. 13	6 .. 48	9
6	2	rain	6 .. 52	5 .. 8	2 .. 14 .. 1	15 .. 23	7 .. 46	10
7	3	moderate	6 .. 51	5 .. 9	2 .. 28 .. 28	16 .. 27	8 .. 48	11
8	4	♀ rise 5 .. 25, △ ☉ ♄ for	6 .. 50	5 .. 10	3 .. 13 .. 10	17 .. 29	9 .. 52	12
9	5		6 .. 49	5 .. 11	3 .. 28 .. 1	18 .. 24	10 .. 54	13
10	6	Days 10 .. 24 the	6 .. 48	5 .. 12	4 .. 12 .. 55		11 .. 56	14
11	7	season	6 .. 46	5 .. 14	4 .. 27 .. 41	rise	12 .. 53	15
12	A	Septuagesima Sund.	6 .. 45	5 .. 15	5 .. 12 .. 12	7 .. 11	13 .. 47	16
13	2	☌ ☉ ♆ orient	6 .. 44	5 .. 16	5 .. 26 .. 21	8 .. 17	14 .. 36	17
14	3	Valentine	6 .. 43	5 .. 17	6 .. 10 .. 3	9 .. 22	15 .. 22	18
15	4	wind and	6 .. 42	5 .. 18	6 .. 23 .. 20	10 .. 26	16 .. 8	19
16	5		6 .. 40	5 .. 20	7 .. 6 .. 11	11 .. 29	16 .. 53	20
17	6	pleiades Set 12 .. 57	6 .. 39	5 .. 21	7 .. 18 .. 40	12 .. 29	17 .. 39	21
18	7	☉ enters ♓	6 .. 38	5 .. 22	8 .. 0 .. 53	13 .. 27	18 .. 26	22
19	A	Sexagesima Sund.	6 .. 36	5 .. 24	8 .. 12 .. 52	14 .. 22	19 .. 13	23
20	2		6 .. 35	5 .. 25	8 .. 24 .. 40	15 .. 15	20 .. 1	24
21	3	Snow, □ ♄ ♃	6 .. 34	5 .. 26	9 .. 6 .. 24	16 .. 4	20 .. 49	25
22	4	flying	6 .. 33	5 .. 27	9 .. 18 .. 13	16 .. 48	21 .. 38	26
23	5		6 .. 32	5 .. 28	10 .. 0 .. 5	17 .. 28	22 .. 26	27
24	6	St. Matthias clouds,	6 .. 31	5 .. 29	10 .. 12 .. 5	18 .. 4	23 .. 14	28
25	7		6 .. 30	5 .. 30	10 .. 24 .. 16		☌	29
26	A	Quinqua. Sund.	6 .. 28	5 .. 32	11 .. 6 .. 39	Sets	0 .. 2	☽
27	2	☌ ☽ ♄	6 .. 27	5 .. 33	11 .. 19 .. 14	6 .. 48	0 .. 49	1
28	3	Shrove Tues. moderate weather	6 .. 26	5 .. 34	0 .. 2 .. 5	7 .. 49	1 .. 33	2

Venus (♀ Star) will be morning Star until the first day of June, and evening, from that time to the end of the Year

Five Eclipses for the Year 1797, three of the Sun, and two of the Moon

First of Moon June 9th. at 6h..30m, in the morning, of which a very small portion will be Seen at Baltimore; the moon descends the western horizon a few min. after her eastern limb begins to immerge into the Earths dark shadow the Moon is 15¼ digits eclipsed 98° west from Baltimore

Second is of the Sun June the 24th. invisible at Baltimore, ☌ at 11h. 25m. ☉ is 5¼ digits eclipsed on the Meridian in Long. 9° East from Baltimore and Lat. ~~66°~~ 30 North, in or near the Artic circle. This eclips is not central ~~to~~ to any part of the globe ~ ~~NB the Sun is near 6 digit eclips'd, at~~

~~Third is of the Sun November the 18th in the morning visible at Baltimore~~

~~Beginning at 7..44 }~~
~~Middle - - - 9..2 } A.M.~~
~~End - - 10..20 }~~
~~Duration - 2..36~~ ~~Digits 9⅔ eclipsed on the Suns North Limb~~

Fourth is, a total and visible eclips ~~of the~~ of the Moon December the third and part of the fourth day

	h m	
Beginning at — — —	9..39	P.M
Beginning of total darkness —	10..9	P.M
Middle of the eclips — —	11..27	P.M
End of total darkness — —	0..45	4th day - - A.M
End of the eclips — — —	1..15	4th day - - A.M
Duration of total darkness — —	2..36	
Duration of this eclips — — —	3..36	
Digits eclipsed — — — —	20 —	

Fifth and last is of the Sun Decmb. 18th. invisible at Baltimore, ☌ at 11h A.M, ☉ is 3⅔ digits eclipsed on his South Limb in Long. 155° 15' East from Baltimore, and Lat 40 South —

1797 March Third Month hath 31 Days —

First ☽ 5..10..18 aft.
Full ○ 12..5..33 aft.
Last ☽ 20..4..13 morn.
New ☽ 28..5..59 morn.

☋ { 1 / 11 / 21 } ♊ { 28 / 27 / 27 } deg.

		Planets Places					
D	☉ Long.	♄ ♊	♃ ♓	♂ ♉	♀ ♒	☿ ♒	☽'s Lat.
1	11..11..39	21	23	1	19	17	5 S.
7	11..17..39	21	24	5	26	21	1 N.
13	11..23..39	21	25	9	♓ 4	26	5 N.
19	11..29..36	21	26	13	11	♓ 3	0 N.
25	0..5..33	22	28	17	19	13	5 S.

M D	W D	Remarkable days Aspects weather &c	☉ rise	☉ sets	☽'s Long.	☽ sets	☽ South	☽'s age
1	4	Ash wednesday St. David	6..24	5..36	0..15..9	8..51	2..16	3
2	5	cold	6..23	5..37	0..28..27	9..54	3..3	4
3	6	Days increase 2 h.	6..22	5..38	1..11..58	10..58	3..52	5
4	7	wind	6..21	5..39	1..25..41	12..5	4..44	6
5	A	1st. Sund. in Lent	6..19	5..41	2..9..30	13..15	5..42	7
6	2	and	6..17	5..43	2..23..50	14..19	6..42	8
7	3	△ ♄ ☿	6..16	5..44	3..9..14	15..19	7..42	9
8	4	snow	6..14	5..46	3..22..47	16..15	8..42	10
9	5	♄ Set 10..39	6..13	5..47	4..7..28	17..2	9..41	11
10	6	moderate	6..12	5..48	4..22..8	17..41	10..39	12
11	7	weather ~~cloudy~~	6..11	5..49	5..6..44		11..35	13
12	A	2d. Sund. in Lent, Gregory	6..9	5..51	5..21..9	rise	12..30	14
13	2	☿ great elong.	6..8	5..52	6..5..13	7..15	13..20	15
14	3	cold	6..7	5..53	6..18..56	8..20	14..7	16
15	4	rain	6..6	5..54	7..2..14	9..25	14..54	17
16	5	with	6..4	5..56	7..15..8	10..27	15..41	18
17	6	St. patrick,	6..3	5..57	7..27..35	11..29	16..28	19
18	7	wind	6..2	5..58	8..9..46	12..24	17..15	20
19	A	3d. Sund. in Lent. D= Night	6..0	6..0	8..21..40	13..16	18..2	21
20	2	☉ enters ♈	5..59	6..1	9..3..24	14..6	18..52	22
21	3		5..58	6..2	9..15..4	14..55	19..41	23
22	4	Sirius South 6..29	5..57	6..3	9..26..43	15..35	20..30	24
23	5	pleasant	5..55	6..5	10..8..28	16..11	21..18	25
24	6	weather	5..54	6..6	10..20..27	16..47	22..5	26
25	7	Annunciation V.M	5..53	6..7	11..2..27	17..19	22..51	27
26	A	4th Sund. in Lent	5..52	6..8	11..14..52	17..44	23..36	28
27	2	☌ ☽ ♃	5..50	6..10	11..27..31		☌	29
28	3	rain	5..49	6..11	0..10..31	sets	0..21	☽
29	4	toward	5..48	6..12	0..23..49	7..52	1..7	2
30	5	the	5..46	6..14	1..7..25	8..56	1..54	3
31	6	Days 12..30 end	5..45	6..15	1..21..16	10..0	2..43	4

A Table of Declination to the nearest Degree, which is Sufficient for an Annual Ephemeris—

D	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
0	0	12	20	23½	20	12	0	12	20	23½	20	12
1	0 North	12	20	23½	20	11	0	12	20	23½	20	11
2	1	12	21	23½	20	11	1	12	21	23½	20	11
3	1	13	21	23	20	10	1	13	21	23	20	10
4	2	13	21	23	19	10	2	13	21	23	19	10
5	2	14	21	23	19	10	2	13	21	23	19	10
6	2	14	21	23	19	9	2	14	21	23	19	9
7	3	14	22	23	19	9	3	14	22	23	19	9
8	3	14	22	23	18	9	3	14	22	23	18	9
9	4	15	22	23	18	8	4	15	22	23	18	8
10	4	15	22	23	18	8	4	15	22	23	18	8
11	4	15	22	23	18	7	4	15	22	23	18	7
12	5	15	22	23	17	7	5	15	22	23	17	7
13	5	16	22	23	17	7	5	16	22	23	17	7
14	6	16	23	23	17	6	6	16	23	23	17	6
15	6	16	23	23	16	6	6	16	23	23	16	6
16	6	17	22	23	16	6	6	17	23	23	16	6
17	7	17	23	22	16	5	7	17	23	22	16	5
18	7	17	23	22	15	5	7	17	23	22	15	5
19	7	18	23	22	15	4	7	18	23	22	15	4
20	8	18	23	22	15	4	8	18	23	22	15	4
21	8	18	23	22	15	4	8	18	23	22	15	4
22	9	18	23	22	14	3	9	18	23	22	14	3
23	9	19	23	22	14	3	9	19	23	22	14	3
24	9	19	23	21	14	2	9	19	23	21	14	2
25	10	19	23	21	13	2	10	19	23	21	13	2
26	10	19	23	21	13	2	10	19	23	21	13	2
27	10	20	23	21	13	1	10	20	23½	21	13	1
28	11	20	23½	21	12	1 South	11	20	23½	21	12	1
29	11	20	23½	20	12	0	11	20	23½	20	12	0
30	12	20	23½	20	12	0	12	20	23½	20	12	0

1797 April Fourth Month hath 30 Days

	h m
First ☽	4..5..45 morn
Full ○	11..4..54 morn
Last ☽	18..10..52 aft.
New ☽	26..6..13 aft.

☊ { 1 ♊ 26; 11 26; 21 25 } deg.

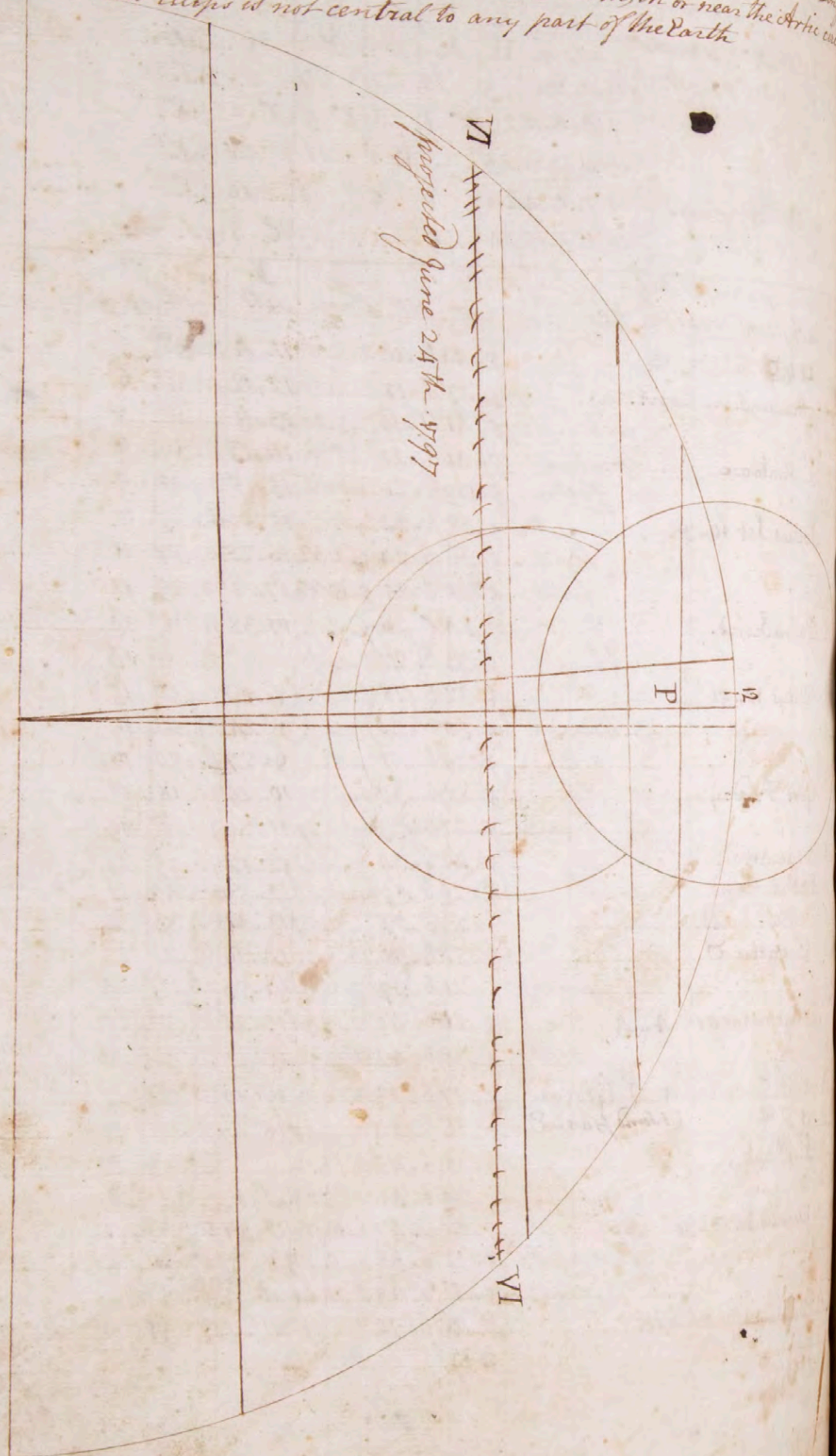
Planets Places

	☉	♄	♃	♂	♀	☿	☽
	Long.	♊	♓	♉	♓	♓	Lat.
1	0..12..27	23	29	22	27	23	2S.
7	0..18..20	23	♈ 1	26	♈ 5	♈ 3	5N.
13	0..24..13	23	2	♊ 1	12	14	3N.
19	1..0..4	24	4	5	19	26	3S.
25	1..5..55	24	5	9	27	♉ 9	5S.

M D	W D	Remarkable days Aspects weather &c.		☉ rise	☉ set	☽ Long:	☽ sets	☽ South	☽ age
1	7	□♄☿		5..44	6..16	2..5..18	11..4	3..38	5
2	A	5th. Sund. in Lent.		5..43	6..17	2..19..29	12..12	4..38	6
3	2		cool	5..41	6..19	3..3..47	13..15	5..38	7
4	3	St. Ambrose	breezes	5..40	6..20	3..18..11	14..13	6..39	8
5	4		from	5..39	6..21	4..2..36	15..5	7..40	9
6	5	Sirius Set 10..38		5..38	6..22	4..17..6	15..50	8..39	10
7	6		the	5..36	6..24	5..1..32	16..28	9..37	11
8	7		west,	5..35	6..25	5..15..52	17..1	10..29	12
9	A	Palm Sund.		5..34	6..26	6..0..3	17..32	11..18	13
10	2		fine	5..33	6..27	6..13..58		12..6	14
11	3	Days 12..56		5..32	6..28	6..27..34	rise	12..54	15
12	4		Showers	5..30	6..30	7..10..50	8..24	13..42	16
13	5		of	5..29	6..31	7..23..42	9..27	14..30	17
14	6	Good Fryday		5..28	6..32	8..6..15	10..25	15..18	18
15	7		rain	5..27	6..33	8..18..27	11..20	16..6	19
16	A	Easter-Sund.		5..26	6..34	9..0..23	12..12	16..55	20
17	2	Easter-Mond.		5..25	6..35	9..12..7	12..59	17..44	21
18	3	Easter-Tuesd.		5..23	6..37	9..23..47	13..41	18..33	22
19	4	☉ enters ♉		5..22	6..38	10..5..25	14..19	19..22	23
20	5		pleasant	5..21	6..39	10..17..6	14..53	20..9	24
21	6	Days increase 4..4		5..20	6..40	10..28..54	15..25	20..54	25
22	7		weather	5..18	6..42	11..10..56	15..51	21..38	26
23	A	☌☉☿ Occident. St. George		5..17	6..43	11..23..16	16..19	22..21	27
24	2	☌☽♃ (1 Sund past E.		5..16	6..44	0..5..57	16..47	23..5	28
25	3	St. Mark.		5..15	6..45	0..19..0		23..53	29
26	4		now	5..14	6..46	1..2..28	Set	☌	☽
27	5	pleiades Set 8..38		5..13	6..47	1..16..16	7..57	0..43	1
28	6		expect	5..12	6..48	2..0..25	8..57	1..32	2
29	7		rain	5..11	6..49	2..14..45	10..4	2..31	3
30	A	2d. Sund. past East.		5..10	6..50	2..29..14	11..8	3..31	4

1797 ~~the ☽~~ ~~great N.~~ ~~A. Lat.~~

Second eclips is of the Sun June 24 invisible at Baltimore ~~[illegible]~~
☌ at 11h. 25m A.M, ☉ is 5¼ digits eclipsed on the meridin in Long
9° east from Baltimore and Lat 66½ North, in or near the Artic circle
N.B this Eclips is not central to any part of the Earth



5¼ Digits eclipsed

1797 May Fifth Month hath 31 Days.

First ☽ 3..1..50 aft. (d h m)
Full ○ 10..5..10 aft.
Last ☾ 18..4..37 aft.
New ☽ 26..3..44 morn.

☊ {1, 11, 21} ♊ {25, 24, 24} deg.

☽	☉ Long.	♄ ♊	♃ ♈	♂ ♊	♀ ♉	☿ ♉	☽'s Lat.
1	1..11..45	25	7	13	4	21	2 N.
7	1..17..32	25	8	17	12	♊ 4	5 N.
13	1..23..20	26	10	21	19	13	2 S.
19	1..29..6	27	11	25	27	22	5 S.
25	2..4..52	27	12	29	♊ 4	28	1 S.

M D	W D	Remarkable days Aspects weather &c.	☉ rise	☉ set	☽'s Long.	☽ set	☽ South	☽'s age
1	2	philip and James	5..9	6..51	3..13..45	12..9	4..34	5
2	3	pleasant	5..8	6..52	3..28..10	13..5	5..35	6
3	4	Spica ♍ South 10..33	5..7	6..53	4..12..34	13..51	6..36	7
4	5	Showers	5..5	6..55	4..26..56	14..30	7..33	8
5	6	fine	5..4	6..56	5..11..7	15..4	8..25	9
6	7	St John Evang.	5..3	6..57	5..25..15	15..34	9..15	10
7	A	3d. Sund past East.	5..2	6..58	6..9..3	16..2	10..3	11
8	2	growing	5..1	6..59	6..22..43	16..30	10..50	12
9	3	pleiades Set 7..52	5..0	7..0	7..6..6		11..36	13
10	4	weather	4..59	7..1	7..19..43	rise	12..24	14
11	5	Days 14..4	4..58	7..2	8..2..2	8..19	13..14	15
12	6	warm	4..58	7..2	8..14..36	9..16	14..5	16
13	7	and pleasant	4..57	7..3	8..26..46	10..10	14..56	17
14	A	4th Sund. past East.	4..56	7..4	9..8..53	11..0	15..46	18
15	2	Cloudy	4..55	7..5	9..20..44	11..45	16..36	19
16	3	Days increase 4..56	4..54	7..6	10..2..26	12..25	17..24	20
17	4	with rain	4..53	7..7	10..14..7	13..0	18..9	21
18	5	Arcturus South 10..24	4..52	7..8	10..25..52	13..29	18..53	22
19	6	flying	4..52	7..8	11..7..39	13..54	19..35	23
20	7	☉ enters ♊	4..51	7..9	11..19..41	14..18	20..17	24
21	A	Rogation Sund.	4..50	7..10	0..1..58	14..44	20..59	25
22	2	☌☽♃ Clouds	4..49	7..11	0..14..39	15..12	21..43	26
23	3	and	4..48	7..12	0..27..42	15..43	22..31	27
24	4	wind	4..48	7..12	1..11..13	16..19	23..23	28
25	5	☿ great elong, Ascen. day	4..47	7..13	1..25..7		☌	29
26	6	now	4..46	7..14	2..9..23	Set	0..19	☽
27	7	expect	4..46	7..14	2..23..58	8..56	1..19	2
28	A	Sund past Ascencion	4..45	7..15	3..8..39	9..56	2..19	3
29	2	rain	4..44	7..16	3..23..24	10..51	3..23	4
30	3	Days 14..32	4..44	7..16	4..8..2	11..40	4..23	5
31	4	Arcturus South 9..32	4..43	7..17	4..22..32	12..23	5..22	6

The Elements for an eclips of the Moon June 9th. 1797

	d h m
~~Moons~~ True time of full Moon in June 1797	9.. 6.. 30
	° ′ ″
Moons Horizontal parallax	0.. 56.. 29.
Suns Semidiameter	0.. 15.. 56.
Moons Semidiameter	0.. 15.. 26.
Semidiameter of ⊕ Shadow at ☽	0.. 40.. 43
Moons true Latitude North Descending	0.. 19.. 45
Angle of her visible path with the Ecliptic	5.. 35
Her true horary motion fr the Sun	29.. 53

The Elements for an eclips of the Sun June 24th. 1797

True time of New Moon in June 1797	24.. 11.. 25 r
	° ′ ″
Semidiameter of the Earths disc	1.. 0.. 11 r
Suns distance from the nearest Solstice	3.. 8.. 11 r
Suns declination North	23.. 26.. 0 r
Moons Latitude North Ascending	0.. 59.. 23 r
Moons Horary motion from the Sun	0.. 34.. 36 r
Angle of the Moons visible path with the ecliptic	5.. 35
Suns Semidiameter	0.. 15.. 53
Moons Semidiameter	0.. 16.. 31
Semidiameter of the penumbra	0.. 32.. 24

Eclipses for the Year 1797 for London, five in Numb. three of ~~The~~ Sun and two of the Moon—
The first is of the Moon, June the 9th. at 11h.. 30m in the morning invisible London—

Second is a visible eclips of the Sun June 24th. true time of conjunction at 4h.. 25m

	h m	
Beginning	4.. 40	P. M
Greatest obscuration	5.. 30	
End	6.. 19	Digits eclipsed near 6
Duration	1.. 39	the Suns North Limb

Third of the Sun visible at London November the 18th at 2h.. 33m P. M

	h m	
Beginning	1.. 34	P. M
Greatest obscuration	2.. 50	
The End	4.. 5.	Digits Eclipsed 11 on the
Whole Duration	2.. 31	Suns North Limb.

Fourth is a visible and total Eclips of the Moon Decemb. 4th. 4h.. 24m A. M

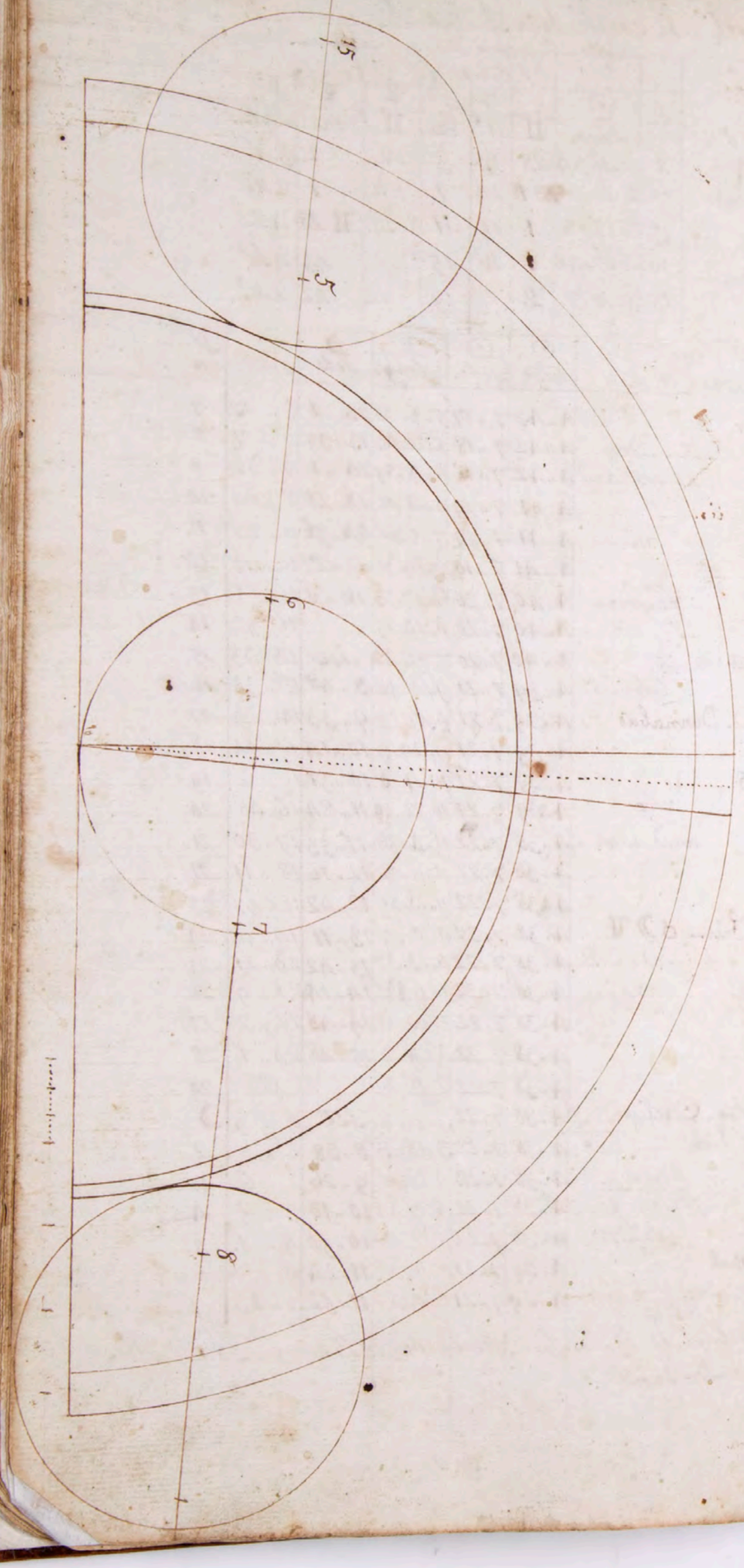
	h m	
Beginning at	2.. 36	Duration of total darkness
Beginning of total darkness	3.. 34	Duration of this eclips
Middle of the Eclips	4.. 24	Digits eclipsed
End of total darkness	5.. 14	See right hand page for
End of the Eclips	6.. 12	fifth Eclips

1797 June Sixth Month hath 30 Days

	☽	☉ Long.	♄ ♊	♃ ♈	♂ ♋	♀ ♊	☿ ♋	☽'s Lat.
First ☾ 1.. 8.. 9. aft. (d h m)	1	2.. 11.. 34	28	13	3	12	1	5 N.
Full ○ 9.. 6.. 30 morn.	7	2.. 17.. 18	♋ 0	14	7	20	1	2 N.
Last ☾ 17.. 7.. 0 morn.	13	2.. 23.. 2	1	15	11	27	♊ 28	4 S.
New ☽ 24.. 11.. 25 morn	19	2.. 28.. 46	1	16	15	♋ 5	25	4 S.
☊ {1 23, 11 ♊ 22, 21 22} deg.	25	3.. 4.. 8	2	17	19	12	22	2 N.

M D	W D	Remarkable days Aspects weather &c.	☉ rise	☉ set	☽'s Long.	☽ sets	☽ South	☽'s age
1	5	☌ ☉ ♀ Occident.	4.. 43	7.. 17	5.. 6.. 48	13.. 1	6.. 17	7
2	6	thunder	4.. 42	7.. 18	5.. 20.. 49	13.. 33	7.. 7	8
3	7	gusts and	4.. 42	7.. 18	6.. 4.. 39	14.. 1	7.. 55	9
4	A	Whit-Sund	4.. 41	7.. 19	6.. 18.. 12	14.. 28	8.. 41	10
5	2	Whit-Mond rain,	4.. 41	7.. 19	7.. 1.. 32	14.. 56	9.. 27	11
6	3	Whit-Tuesd.	4.. 41	7.. 19	7.. 14.. 39	15.. 27	10.. 13	12
7	4	~~flying~~	4.. 40	7.. 20	7.. 27.. 33	16.. 0	11.. 1	13
8	5		4.. 40	7.. 20	8.. 10.. 15		11.. 52	14
9	6	☽ eclip South 8.. 55	4.. 40	7.. 20	8.. 22.. 42	rise	12.. 43	15
10	7	Clouds	4.. 39	7.. 21	9.. 4.. 58	8.. 48	13.. 34	16
11	A	Trinity Sund. Barnabas	4.. 39	7.. 21	9.. 17.. 5	9.. 33	14.. 24	17
12	2		4.. 39	7.. 21	9.. 29.. 3	10.. 14	15.. 14	18
13	3	Spica ♍ set 1.. 18	4.. 39	7.. 21	10.. 11.. 0	10.. 51	16.. 2	19
14	4	clear	4.. 39	7.. 21	10.. 22.. 49	11.. 24	16.. 48	20
15	5	and warm,	4.. 38	7.. 22	11.. 4.. 36	11.. 53	17.. 30	21
16	6	☌ ☉ ☿ Orient.	4.. 38	7.. 22	11.. 16.. 31	12.. 16	18.. 11	22
17	7	St. Alban	4.. 38	7.. 22	11.. 28.. 36	12.. 42	18.. 53	23
18	A	1st. Sund past Trin. ☌ ☽ ♃	4.. 38	7.. 22	0.. 10.. 57	13.. 11	19.. 36	24
19	2	thunder &	4.. 38	7.. 22	0.. 23.. 37	13.. 42	20.. 21	25
20	3	Longes day rain	4.. 38	7.. 22	1.. 6.. 41	14.. 14	21.. 9	26
21	4		4.. 38	7.. 22	1.. 20.. 14	14.. 48	22.. 2	27
22	5	☌ ☉ ♄ Orient.	4.. 38	7.. 22	2.. 4.. 8	15.. 28	23.. 1	28
23	6		4.. 38	7.. 22	2.. 18.. 29		☌	29
24	7	Nativity St. John, ☉ eclip	4.. 38	7.. 22	3.. 3.. 8	Set	0.. 3	☽
25	A	2d. Sund. past Trin	4.. 38	7.. 22	3.. 18.. 3	8.. 38	1.. 5	2
26	2	windy,	4.. 38	7.. 22	4.. 2.. 56	9.. 26	2.. 6	3
27	3	flying	4.. 38	7.. 22	4.. 17.. 44	10.. 10	3.. 5	4
28	4	Clouds.	4.. 38	7.. 22	5.. 2.. 20	10.. 50	4.. 1	5
29	5	St. peter and paul	4.. 39	7.. 21	5.. 16.. 37	11.. 24	4.. 54	6
30	6	rain	4.. 39	7.. 21	6.. 0.. 35	11.. 52	5.. 43	7

Fifth and last Eclips of the Sun December 18th at 6h.. 38m A. M. invisible at London—



1797. July Seventh Month hath 31 Days.

			Planets Places.					
First ☽ 1 .. 3 .. 11 morn								☽'s
Full ☉ 8 .. 9 .. 2 aft.	☽	☉	♄	♃	♂	♀	☿	☽'s
Last ☽ 16 .. 8 .. 8 aft		Long.	♋	♈	♋	♋	♊	Lat.
New ☽ 23 .. 6 .. 19 aft.	1	3 .. 10 .. 11	2	18	23	19	22	5 N.
First ☽ 30 .. 1 .. 57 aft.	7	3 .. 15 .. 55	3	18	27	26	26	1 S.
	13	3 .. 21 .. 39	4	19	♌ 0	♌ 4	♋ 1	5 S.
	19	3 .. 27 .. 22	5	19	4	11	10	2 S.
☌ 1 ♊ 21 / 11 ♊ 21 / 21 20 deg.	25	4 .. 3 .. 7	5	19	8	19	21	5 N.

M	W	D	Remarkable days Aspects weather &c.	☉ rise	☉ set	☽'s Long.	☽ Set	☽ South	☽'s age
			wet	4 .. 39	7 .. 21	6 .. 14 .. 10	12 .. 20	6 .. 29	8
1	7								
2	A		3d. Sund past Trin, visitation (V.M	4 .. 40	7 .. 20	6 .. 27 .. 30	12 .. 46	7 .. 14	9
3	2			4 .. 40	7 .. 20	7 .. 10 .. 32	13 .. 16	8 .. 0	10
4	3		Trans. St. Martin	4 .. 40	7 .. 20	7 .. 23 .. 21	13 .. 51	8 .. 47	11
5	4		harvest	4 .. 41	7 .. 19	8 .. 5 .. 59	14 .. 30	9 .. 36	12
6	5		Days decrease 6 min.	4 .. 41	7 .. 19	8 .. 18 .. 27	15 .. 13	10 .. 27	13
7	6		in	4 .. 42	7 .. 18	9 .. 0 .. 46		11 .. 19	14
8	7		Some	4 .. 42	7 .. 18	9 .. 12 .. 59	rise	12 .. 9	15
9	A		4th Sund. past Trin.	4 .. 43	7 .. 17	9 .. 25 .. 6	8 .. 4	12 .. 59	16
10	2		places,	4 .. 43	7 .. 17	10 .. 7 .. 10	8 .. 44	13 .. 49	17
11	3		Days 14 .. 32	4 .. 44	7 .. 16	10 .. 19 .. 9	9 .. 19	14 .. 37	18
12	4		thunder	4 .. 44	7 .. 16	11 .. 1 .. 9	9 .. 49	15 .. 21	19
13	5		☿ great elong	4 .. 45	7 .. 15	11 .. 13 .. 12	10 .. 14	16 .. 2	20
14	6		so as						
15	7		gusts	4 .. 45	7 .. 15	11 .. 25 .. 19	10 .. 39	16 .. 44	21
16	A		and 5th Sund. past Trin. ☌ ☽ ♄	4 .. 46	7 .. 14	0 .. 7 .. 34	11 .. 4	17 .. 28	22
17	2			4 .. 47	7 .. 13	0 .. 20 .. 4	11 .. 32	18 .. 11	23
18	3		rain Lyra South 10 .. 39	4 .. 47	7 .. 13	1 .. 2 .. 50	12 .. 0	18 .. 57	24
19	A			4 .. 48	7 .. 12	1 .. 15 .. 56	12 .. 34	19 .. 47	25
20	5		Clear	4 .. 49	7 .. 11	1 .. 29 .. 28	13 .. 17	20 .. 42	26
21	6		Margaret and	4 .. 49	7 .. 11	2 .. 13 .. 23	14 .. 10	21 .. 44	27
22	7		warm Magdalen. ☉ enters ♌	4 .. 50	7 .. 10	2 .. 27 .. 43	15 .. 8	22 .. 47	28
23	A		6th. Sund. past Trin.	4 .. 51	7 .. 9	3 .. 12 .. 24		23 .. 50	29
24	2			4 .. 52	7 .. 8	3 .. 27 .. 20	Sets	8	☽
25	3		windy, St. James △ ♄ ♀	4 .. 53	7 .. 7	4 .. 12 .. 19	8 .. 5	0 .. 51	1
26	4		St. Anne	4 .. 54	7 .. 6	4 .. 27 .. 13	8 .. 43	1 .. 49	2
27	5		rain	4 .. 54	7 .. 6	5 .. 11 .. 53	9 .. 18	2 .. 43	3
28	6		toward	4 .. 55	7 .. 5	5 .. 26 .. 13	9 .. 50	3 .. 32	4
29	7		the	4 .. 56	7 .. 4	6 .. 10 .. 9	10 .. 19	4 .. 21	5
30	A		end 7th. Sund. past Trin. Dog	4 .. 57	7 .. 3	6 .. 23 .. 42	10 .. 46	5 .. 6	6
31	2		(days begin	4 .. 58	7 .. 2	7 .. 6 .. 50	11 .. 14	5 .. 52	7
				4 .. 59	7 .. 1	7 .. 19 .. 41	11 .. 46	6 .. 39	8

True time of New Moon at London in May 1797 } d h m 26..8..43 A.M.

Semidiameter of the Earths disc — — ° ' " 0..59..8

Suns distance from the nearest Solstice — — 24..9..0

Suns declination North — — 21..15..0

Moons Horary motion from the Sun D's Lat. S.A. — — 1..33..0 — — 0..35..44

Angle of the Moons visible path with the Ecliptic 5..35..0

Suns Semidiameter — — —

Moons Semidiameter — — —

Semidiameter of the penumbra

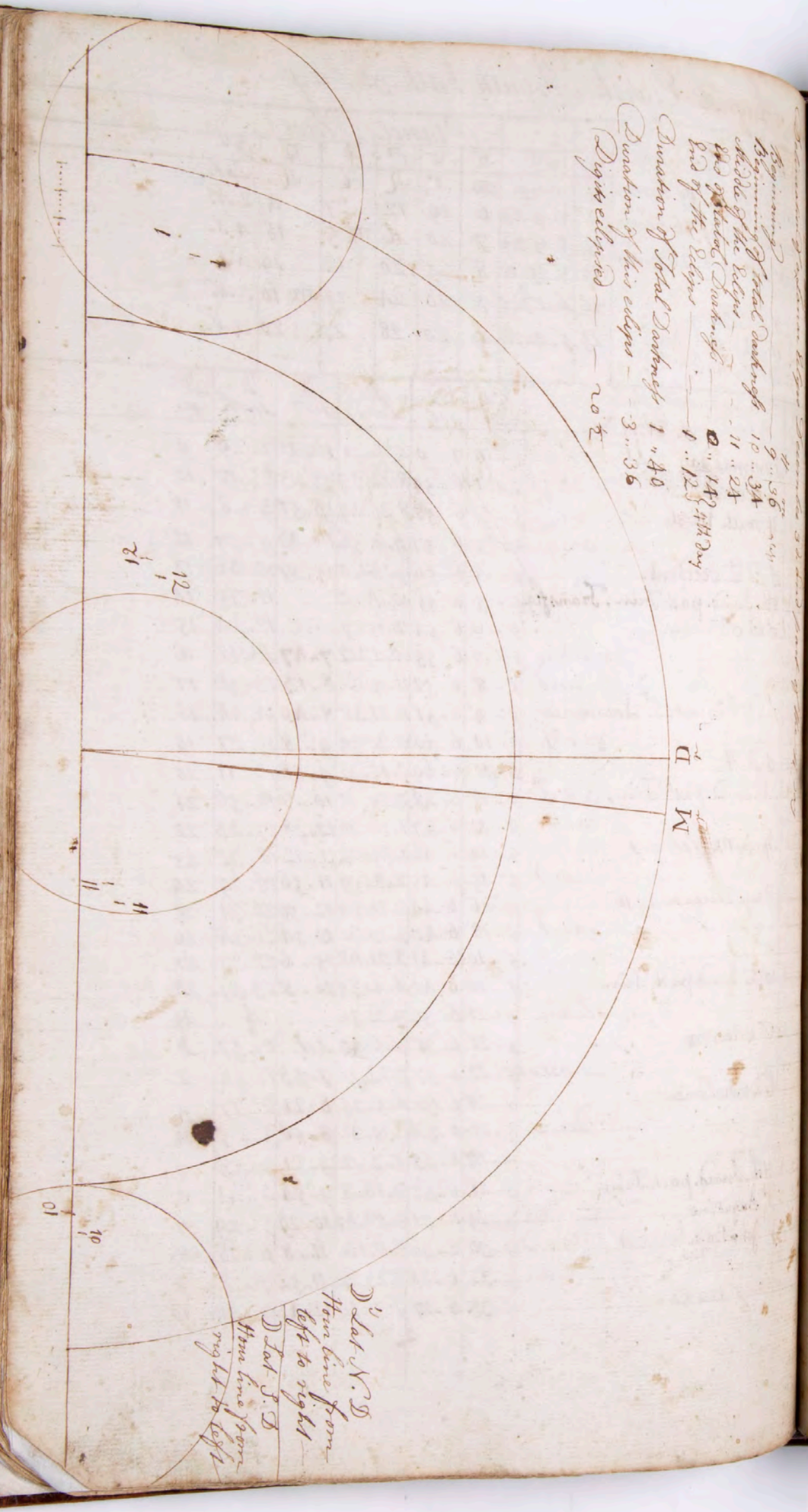
A Chronological Observation

1796 March 8 Snow. Moon in ♓ her Latitude South
march 15th. thunder and rain Moon in ♊ her Lat South
16th high wind [illegible] &c

1797 August Eighth Month hath 31 Days

		Planets Places						
d h m	☽	☉	♄	♃	♂	♀	☿	☽'s
		Long.	♋	♈	♌	♌	♌	Lat.
Full ☉ 7..1..50 aft.	1	4..9..49	6	19	12	27	4	2 N.
Last ☾ 15..6..57 morn.	7	4..15..33	7	20	16	♍ 5	18	4 S.
New ☽ 22..2..26 morn.	13	4..21..18	8	20	20	12	29	4 S.
First ☽ 29..1..26 morn.	19	4..27..5	8	20	24	19	♍ 10	3 N.
☊ {1, 11, 21} ♊ {20, 19, 19} deg.	25	5..2..53	9	20	28	27	20	4 N.

M D	W D	Remarkable days Aspects wathers &c	☉ rise	☉ set	☽ Long.	☽ sets	☽ South	☽'s age
1	3	Lammas day	5..0	7..0	8..2..14	12..22	7..29	9
2	4		5..1	6..59	8..14..35	13..3	8..19	10
3	5	♃ South 11..36	5..2	6..58	8..26..49	13..51	9..8	11
4	6	very	5..3	6..57	9..8..56	14..43	9..57	12
5	7	☌ ☉ ☿ Occident.	5..4	6..56	9..21..0	15..37	10..46	13
6	A	8th Sund. past Trin. Transfig.	5..5	6..55	10..3..2		11..35	14
7	2	☌ ☉ ♂ Orient.	5..6	6..54	10..15..7	rise	12..24	15
8	3	warm	5..7	6..53	10..27..12	7..47	13..12	16
9	4	and	5..8	6..52	11..9..22	8..13	13..58	17
10	5	[illegible] St. Lawrence	5..9	6..51	11..21..38	8..40	14..44	18
11	6	gusty.	5..10	6..50	0..3..59	9..8	15..27	19
12	7	☌ ☽ ♃	5..11	6..49	0..16..31	9..38	16..11	20
13	A	9th Sund. past Trin, △ ♃ ♂	5..12	6..48	0..29..12	10..7	16..56	21
14	2	rain	5..13	6..47	1..12..10	10..38	17..43	22
15	3	Spica ♍ set 9..1	5..14	6..46	1..25..25	11..12	18..32	23
16	4	and	5..15	6..45	2..8..59	11..56	19..29	24
17	5	Days decrease 1..16	5..16	6..44	2..22..54	12..50	20..31	25
18	6	wind	5..18	6..42	3..7..11	13..54	21..34	26
19	7		5..19	6..41	3..21..48	15..6	22..37	27
20	A	10th Sund. past Trin	5..20	6..40	4..6..39	16..8	23..39	28
21	2	clear	5..21	6..39	4..21..36		☌	29
22	3	☉ enters ♍	5..22	6..38	5..6..30	Set.	0..37	☽
23	4	great	5..23	6..37	5..21..12	7..53	1..28	2
24	5	St. Bartholomew	5..24	6..36	6..5..35	8..21	2..17	3
25	6	Dews	5..26	6..34	6..19..31	8..50	3..5	4
26	7		5..27	6..33	7..3..2	9..21	3..53	5
27	A	11th. Sund. past Trin	5..28	6..32	7..16..8	9..54	4..41	6
28	2	St. Augustine	5..29	6..31	7..28..49	10..29	5..29	7
29	3	St. John Bap. beheaded thunder	5..30	6..30	8..11..14	11..8	6..18	8
30	4	and	5..32	6..28	8..23..22	11..52	7..8	9
31	5	Days 12..54 rain	5..33	6..27	9..5..23	12..42	7..59	10



1797 September Ninth Month hath 30 Days.

Full ☽ 6.. 4.. 5 morn.
Last ☌ 13.. 4.. 33 aft.
New ☽ 20.. 9.. 49 morn.
First ☌ 27.. 5.. 40 aft.

☊ 1 11 21 II 18 18 17 deg.

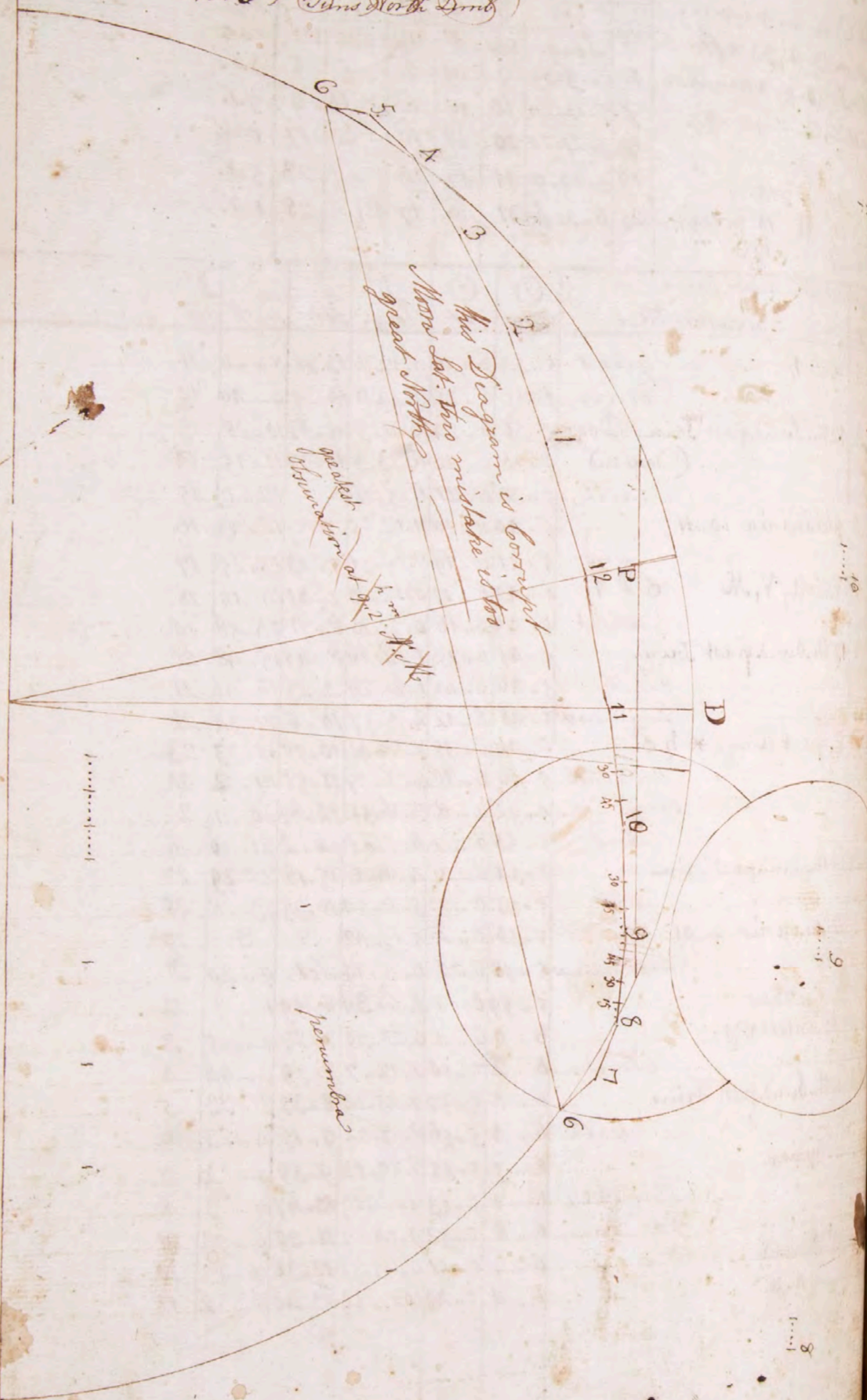
Planets Places

	☉ Long.	♄ ♋	♃ ♈	♂ ♍	♀ ♎	☿ ♐	☽ Lat.
1	5.. 9..39	9	19	2	5	1	3 S.
7	5..15..29	10	19	6	13	9	5 S.
13	5..21..20	10	18	10	20	17	0 N.
19	5..27..11	11	17	14	27	23	5 N.
25	6.. 3.. 4	11	16	17	♏ 5	28	1 N.

M D	W D	Remarkable days / Aspects weather &c.	☉ rise	☉ set	☽ Long.	☽ Sets	☽ South age	☽ age
1	6	✶ ☉ ♄ great	5.. 34	6.. 26	9..17..16	13..38	8.. 50	11
2	7	deers,	5.. 35	6.. 25	9..29..11	14..37	9.. 40	12
3	A	12th. Sund. past Trin. Dog	5.. 36	6.. 24	10..11.. 5	15..37	10.. 28	13
4	2	(days end	5.. 38	6.. 22	10..23.. 3	16..37	11.. 15	14
5	3	rain,	5.. 39	6.. 21	11.. 5..11		12.. 0	15
6	A	pleiades rise 19..11	5.. 40	6.. 20	11..17..25	rise	12..43	16
7	5	and						
8	6	Nativity V. M. ☌ ☽ ♃	5.. 41	6.. 19	11..29..51	7.. 13	13..25	17
9	7	wind	5.. 43	6.. 17	0..12..29	7.. 41	14.. 10	18
10	A	13th. Sund. past Trin.	5.. 44	6.. 16	0..25..16	8.. 11	14..58	19
11	2	fine	5.. 45	6.. 15	1.. 8..16	8..45	15..48	20
12	3	pleasant	5.. 46	6.. 14	1..21..29	9..23	16..40	21
13	4	☿ great elong. ✶ ♄ ☌	5.. 48	6.. 12	2.. 4..57	10.. 6	17..34	22
14	5	weather	5.. 49	6.. 11	2..18..41	10..55	18..33	23
15	6	clear	5.. 50	6.. 10	3.. 2..39	11..51	19..32	24
16	7	and	5.. 52	6.. 8	3..16..55	12..52	20..31	25
17	A	14th. Sund. past Trin.	5.. 53	6.. 7	4.. 1..25	14.. 2	21..30	26
18	2	cool	5.. 54	6.. 6	4..16.. 6	15..18	22..29	27
19	3	Bulls eye rise 9..41	5.. 55	6.. 5	5.. 0..54	16..33	23..28	28
20	4	mornings	5.. 56	6.. 4	5..15..42		☌	29
21	5	St. Matthew	5.. 58	6.. 2	6.. 0..19	Set	0.. 20	☽
22	6	☉ enters ♎	5.. 59	6.. 1	6..14..39	6..59	1.. 8	2
23	7	Cloudy	6.. 0	6.. 0	6..28..36	7..27	1.. 55	3
24	A	15th. Sund. past Trin.	6.. 2	5..58	7..12.. 7	7..59	2.. 44	4
25	2	with	6.. 3	5..57	7..25..12	8..35	3.. 33	5
26	3	St. Cyprian	6.. 4	5..56	8.. 7..52	9..15	4.. 23	6
27	4	Showers	6.. 5	5..55	8..20..13	9..59	5.. 13	7
28	5	of rain	6.. 7	5..53	9.. 2..14	10..47	6.. 3	8
29	6	St. Michael	6.. 8	5..52	9..14.. 5	11..39	6..53	9
30	7	Day 11..38	6.. 9	5..51	9..25..51	12..36	7..43	10
			6.. 11	5..49	10.. 7..34	13..40	8.. 32	11

Eclips Deliniated for November 18th 1797 it appears by the Diagram

To begin at 8..4 (h m) } digits 4½ eclips on the
greatest obscuration 9..2 }
End — — — 10..0 } Suns North Limb



October Tenth Month hath 31 Days

Full ○ 5..7..27 aft. (d h m)
Last ☾ 13..0..20 morn.
New ☽ 19..8..19 aft.
First ☽ 27..0..20 aft.

☊ { 1 / 11 / 21 } ♊ { 16 / 16 / 15 } deg.

		Planets Places					
D	☉	♄	♃	♂	♀	☿	☽'s
	Long.	♋	♈	♍	♏	♎	Lat.
1	6..8..58	11	16	21	12	28	5 S.
7	6..14..54	11	15	25	19	28	3 S.
13	6..20..51	12	14	29	26	21	3 N.
19	6..26..49	12	13	♎ 3	♐ 3	15	4 N.
25	7..2..47	12	12	♎ 7	11	15	2 S.

M D	W D	Remarkable days Aspects weather &c.	☉ rise	☉ set	☽ Long.	☽ Set.	☽ South	☽ age
1	A	16th. Sund. past Trin.	6..12	5..48	10..19..20	14..38	9..19	12
2	2	clear	6..13	5..47	11..1..13	15..35	10..1	13
3	3	♀ Set 7..13	6..14	5..46	11..13..16	16..31	10..44	14
4	4	and	6..15	5..45	11..25..31		11..29	15
5	5	cool,	6..17	5..43	0..8..3	rise	12..15	16
6	6	☌ ☽ ♃	6..18	5..42	0..20..50	6..22	13..1	17
7	7	☍ ☉ ♃ Occident,	6..19	5..41	1..3..51	6..48	13..47	18
8	A	17th. Sund. past Trin.	6..20	5..40	1..17..9	7..21	14..37	19
9	2	now	6..22	5..38	2..0..43	8..2	15..31	20
10	3	pleiades rise 8..8	6..23	5..37	2..14..27	8..52	16..29	21
11	4	expect frost.	6..24	5..36	2..28..24	9..50	17..29	22
12	5	Bulls eye rise 8..17	6..25	5..35	3..12..31	10..52	18..30	23
13	6	☌ ☉ ☿ Orient.	6..27	5..33	3..26..49	11..58	19..29	24
14	7	cloudy	6..28	5..32	4..11..17	13..8	20..26	25
15	A	18th. Sund. past Trin.	6..29	5..31	4..25..47	14..22	21..22	26
16	2	rain	6..30	5..30	5..10..23	15..36	22..16	27
17	3	and	6..32	5..28	5..24..54	16..50	23..10	28
18	4	St. Luke	6..33	5..27	6..9..20		23..57	29
19	5	wind	6..34	5..26	6..23..31	set.	☌	☽
20	6	Days decrease 3..54	6..35	5..25	7..7..23	6..3	0..47	1
21	7		6..36	5..24	7..20..54	6..44	1..37	2
22	A	19th Sund. past Trin.	6..38	5..22	8..4..0	7..26	2..27	3
23	2	clear	6..39	5..21	8..16..42	8..9	3..17	4
24	3	and	6..40	5..20	8..29..2	8..53	4..7	5
25	4	♀ Sets 7..20	6..41	5..19	9..11..5	9..42	4..57	6
26	5	pleasant	6..42	5..18	9..22..55	10..37	5..46	7
27	6	cool	6..44	5..16	10..4..35	11..36	6..34	8
28	7	St. Simon and Jude	6..45	5..15	10..16..13	12..35	7..20	9
29	A	20th. Sund. past Trin.	6..46	5..14	10..27..52	13..34	8..4	10
30	2	rain	6..47	5..13	11..9..37	14..32	8..47	11
31	3	Days 10..24	6..48	5..12	11..21..34	15..30	9..28	12

Elements for the projection of a Solar Eclips November 18th. 1797

True time of New Moon in November 1797	D H M 18 .. 9 .. 33 A.M.
Semidiameter of the Earths Disc	0 .. 58 .. 40r
Suns distance from the nearest Solstice	33 .. 0 .. 0r
Sun declination South	19 .. 25 .. 0r
Moons Latitude North descending — 60 .. 31r	~~43 37~~ 60
Moon's horary motion from the Sun	0 .. 32 .. 14r
Angle of the Moons visible path with the Ecliptic	5 .. 35 .. 0r
Suns Semidiameter	0 .. 16 .. 19r
Moons Semidiameter	0 .. 16 .. 3r
Semidiameter of the Penumbra	0 .. 32 .. 22

Suns Equated distance from the Moons Ascending Node S ° ′ ″ 5 .. 12 .. 36 .. 50

1797 November Eleventh Month hath 30 Days

d h m					
Full ○	4 .. 10 .. 0 morn.				
Last ☾	11 .. 8 .. 5 morn.				
New ☽	18 .. 9 .. 33 morn.				
First ☽	26 .. 6 .. 40 morn.				

☊ { 1 / 11 / 21 } II { 15 / 14 / 14 } deg.

Planets Places

☽	☉ Long.	♄ ♋	♃ ♈	♂ ♎	♀ ♐	☿ ♎	☽'s Lat.
1	7 .. 9 .. 48	12	12	11	18	22	5 S.
7	7 .. 15 .. 50	12	11	15	26	♏ 0	1 N.
13	7 .. 21 .. 53	11	11	19	♑ 4	9	5 N.
19	7 .. 27 .. 57	11	10	23	11	19	0 S.
25	8 .. 4 .. 1	11	10	27	18	28	5 S.

M D	W D	Remarkable days Aspects weather &c.	☉ rise	☉ set	☽ Long.	☽ set	☽ South	☽'s age
1	4	☿ great elong. All Saints	6 .. 49	5 .. 11	0 .. 3 .. 47	16 .. 28	10 .. 10	13
2	5	☌ ☽ ♃,	6 .. 51	5 .. 9	0 .. 16 .. 18	17 .. 26	10 .. 54	14
3	6	hard	6 .. 52	5 .. 8	0 .. 29 .. 10		11 .. 41	15
4	7	frosts,	6 .. 53	5 .. 7	1 .. 12 .. 22	rise	12 .. 31	16
5	A	21st. Sund. past Trin.	6 .. 54	5 .. 6	1 .. 25 .. 52	6 .. 0	13 .. 24	17
6	2	rain	6 .. 55	5 .. 5	2 .. 9 .. 43	6 .. 50	14 .. 20	18
7	3	♀ Sets 7 .. 29	6 .. 56	5 .. 4	2 .. 23 .. 46	7 .. 43	15 .. 20	19
8	4	and	6 .. 57	5 .. 3	3 .. 8 .. 0	8 .. 41	16 .. 20	20
9	5	pleiades South 12 .. 36	6 .. 58	5 .. 2	3 .. 22 .. 22	9 .. 45	17 .. 20	21
10	6	wind	6 .. 59	5 .. 1	4 .. 6 .. 46	10 .. 57	18 .. 20	22
11	7	St. Martin	7 .. 0	5 .. 0	4 .. 21 .. 13	12 .. 11	19 .. 18	23
12	A	22d. Sund. past Trin.	7 .. 1	4 .. 59	5 .. 5 .. 37	13 .. 27	20 .. 12	24
13	2	□ ♄ ♃	7 .. 2	4 .. 58	5 .. 20 .. 0	14 .. 37	21 .. 2	25
14	3	Clear	7 .. 3	4 .. 57	6 .. 4 .. 18	15 .. 46	21 .. 51	26
15	4	Bulls eye South 1 .. 3	7 .. 4	4 .. 56	6 .. 18 .. 25	16 .. 53	22 .. 39	27
16	5	and	7 .. 5	4 .. 55	7 .. 2 .. 22	17 .. 57	23 .. 26	28
17	6	Days decrease 4 .. 56	7 .. 6	4 .. 54	7 .. 16 .. 2		☌	29
18	7	cold	7 .. 7	4 .. 53	7 .. 29 .. 25	Set.	0 .. 14	☽
19	A	23 d. Sund. past Trin	7 .. 8	4 .. 52	8 .. 12 .. 29	5 .. 53	1 .. 3	2
20	2	☌ ♄ ♀	7 .. 8	4 .. 52	8 .. 25 .. 13	6 .. 44	1 .. 55	3
21	3	☉ enter ♐	7 .. 9	4 .. 51	9 .. 7 .. 36	7 .. 36	2 .. 49	4
22	4	snow	7 .. 10	4 .. 50	9 .. 19 .. 43	8 .. 30	3 .. 40	5
23	5	or	7 .. 11	4 .. 49	10 .. 1 .. 36	9 .. 27	4 .. 28	6
24	6	Days 9 .. 36	7 .. 12	4 .. 48	10 .. 13 .. 19	10 .. 26	5 .. 16	7
25	7	rain	7 .. 12	4 .. 48	10 .. 24 .. 57	11 .. 25	6 .. 0	8
26	A	24th. Sund. past Trin.	7 .. 13	4 .. 47	11 .. 6 .. 36	12 .. 23	6 .. 43	9
27	2	flying	7 .. 14	4 .. 46	11 .. 18 .. 20	13 .. 19	7 .. 24	10
28	3	clouds	7 .. 15	4 .. 45	0 .. 0 .. 13	14 .. 16	8 .. 3	11
29	4	☌ ☽ ♃	7 .. 15	4 .. 45	0 .. 12 .. 21	15 .. 14	8 .. 43	12
30	5	St. Andrew	7 .. 16	4 .. 44	0 .. 24 .. 50	16 .. 13	9 .. 26	13

Elements for the projection of a Lunar Eclips December 3d. 1797

True time of full Moon in December 1797 — D 3 .. 11 .. 24 aft. M.

	°	′	″
Moon's horizontal parallax			
Sun's Semidiameter	0	58	40
D^ Ditto	0	16	21
Semidiameter of the Earths Shadow at the Moon	0	16	0
Moons Latitude South Ascending	0	42	29
Angle of her visible path with the Ecliptic	0	5	13
Her true horary motion from the Sun	0	32	13

Elements for ~~the~~ the projection of a Solar Eclips December 18th 1797

True time of New Moon in December 1797 — D 18 .. 1 .. 39 aft. M.

	°	′	″
Semidiameter of the Earth's disc	0	57	8
Sun's distance from the nearest Solstice	3	0	0
Sun's declination South	0	23	26
~~Moon's Latitude South Descending~~	~~1~~	~~8~~	~~27~~
Moon's horary motion from the Sun	0	30	38
Angle of the Moon's visible path with the Ecliptic	5	35	0
Sun's Semidiameter	0	16	22
Moons Semidiameter	0	15	36
Semidiameter of the penumbra	0	31	58

December Twelfth Month hath 31 Days

1797

Full ☽ 3 .. 11 .. 24 aft.
Last 2 .. 10 .. 6 .. 10 aft.
New ☽ 18 .. 1 .. 38 morn.
First 2 .. 26 .. 2 .. 45 morn.

☌ 1 / 11 / 21 ♊ 13 / 13 / 12 deg.

Planets Places

D	☉ Long.	♄ ♑	♃ ♈	♂ ♍	♀ ♎	☿ ♐	☽ Lat.
1	8 .. 10 .. 6	10	10	1	25	8	3 S.
7	8 .. 16 .. 10	10	10	5	♒ 2	17	4 N.
13	8 .. 22 .. 17	10	10	8	9	26	4 N.
19	8 .. 28 .. 23	9	10	12	16	♑ 6	3 S.
25	9 .. 4 .. 31	9	11	16	22	16	5 S.

M D	W D	Remarkable days Aspects weather &c.		☉ rise	☉ set	☽ Long.	☽ Set	☽ South	☽ age
1	6	□ ♄♃		7 .. 16	4 .. 44	1 .. 7 .. 40	17 .. 13	10 .. 12	1A
2	7		snow	7 .. 17	4 .. 43	1 .. 20 .. 54		11 .. 2	15
3	A	Advent Sund.		7 .. 18	4 .. 42	2 .. 4 .. 35	rise	11 .. 56	16
4	2		or	7 .. 18	4 .. 42	2 .. 18 .. 34	5 .. 17	12 .. 54	17
5	3	☌ ☉ ☿ Occident.		7 .. 19	4 .. 41	3 .. 2 .. 55	6 .. 20	13 .. 56	18
6	A	Nicholas		7 .. 19	4 .. 41	3 .. 17 .. 25	7 .. 26	15 .. 0	19
7	5		rain	7 .. 20	4 .. 40	4 .. 2 .. 1	8 .. 36	16 .. 2	20
8	6	Conception V. Mary		7 .. 20	4 .. 40	4 .. 16 .. 39	9 .. 50	17 .. 0	21
9	7		clear	7 .. 20	4 .. 40	5 .. 1 .. 9	11 .. 3	17 .. 54	22
10	A	2d. Sund. in Advent		7 .. 21	4 .. 39	5 .. 15 .. 34	12 .. 13	18 .. 44	23
11	2		and	7 .. 21	4 .. 39	5 .. 29 .. 46	13 .. 22	19 .. 33	24
12	3		cold,	7 .. 21	4 .. 39	6 .. 13 .. 59	14 .. 30	20 .. 21	25
13	A	♀ Sets 8 .. 20		7 .. 21	4 .. 39	6 .. 27 .. 40	15 .. 36	21 .. 9	26
14	5		windy	7 .. 22	4 .. 38	7 .. 11 .. 18	16 .. 41	21 .. 58	27
15	6		with	7 .. 22	4 .. 38	7 .. 24 .. 43	17 .. 46	22 .. 48	28
16	7		snow	7 .. 22	4 .. 38	8 .. 7 .. 52	18 .. 50	23 .. 40	29
17	A	3d. Sund. in Advent		7 .. 22	4 .. 38	8 .. 20 .. 47		0	30
18	2		flying	7 .. 22	4 .. 38	9 .. 3 .. 26	Set.	0 .. 32	D
19	3		clouds	7 .. 22	4 .. 38	9 .. 15 .. 53	6 .. 6	1 .. 20	2
20	A	Shortest day		7 .. 22	4 .. 38	9 .. 28 .. A	7 .. 5	2 .. 8	3
21	5	St. Thomas. ☉ enters ♑		7 .. 22	4 .. 38	10 .. 10 .. 3	8 .. 4	2 .. 56	4
22	6		clear and	7 .. 22	4 .. 38	10 .. 21 .. 54	9 .. 3	3 .. A2	5
23	7		windy	7 .. 22	4 .. 38	11 .. 3 .. 38	10 .. 2	A .. 26	6
24	A	4th. Sund. in Advent		7 .. 22	4 .. 38	11 .. 15 .. 23	11 .. 0	5 .. 8	7
25	2	Christmas Day		7 .. 22	4 .. 38	11 .. 27 .. 13	11 .. 58	5 .. 51	8
26	3	St. Stephen ☌ ☽ ♄		7 .. 22	4 .. 38	0 .. 9 .. 5	12 .. 56	6 .. 31	9
27	A	St. John		7 .. 22	4 .. 38	0 .. 21 .. 14	13 .. 55	7 .. 13	10
28	5	Innocents		7 .. 21	4 .. 39	1 .. 3 .. 40	14 .. 55	7 .. 57	11
29	6		rain or	7 .. 21	4 .. 39	1 .. 16 .. 29	15 .. 56	8 .. A3	12
30	7		snow	7 .. 21	4 .. 39	1 .. 29 .. A3	16 .. 58	9 .. 33	13
31	A	1st. Sund. past Chris. Silvester		7 .. 20	4 .. 40	2 .. 13 .. 22	18 .. 0	10 .. 27	14

1798 Full ○ Januy 2 .. 11 .. 33 morn

1798 New ☽ January 16 - 7 .. 19 aft } right

Full ○ ~~February~~ January 31 .. 10 .. 32 aft, right

New ☽ February 15 .. 3 .. 3 aft right

Full ○ March 2 .. 8 .. 33 morn

New ☽ March 17 .. 9 .. 24 morn

Full ○ March 31 .. 5 .. 57 aft

New ☽ April 16 .. 1 .. 38 morn

Full ○ April 30 - 3 - 16 morn

New ☽ May 15 .. 3 .. 7 aft

Full ○ May 29 .. 1 .. 11 aft

New ☽ June 14 .. 2 .. 1 morn

Full ○ June 28 .. 0 .. 31 morn

New ☽ July 13 .. 10 .. 50 morn

Full ○ July 27 .. 1 .. 30 aft.

New ☽ August 11 .. 6 .. 34 aft

Full ○ August 26 .. 4 .. 29 morn.

New ☽ Septemb 10 .. 2 .. 14 morn.

Full ○ Septemb. 24 . 9 - 7 aft.

New ☽ October 9 .. 10 .. 45 morn.

Full ○ October 24 .. 2 .. 27 aft

New ☽ Novemb. 7 .. 8 .. 56 aft.

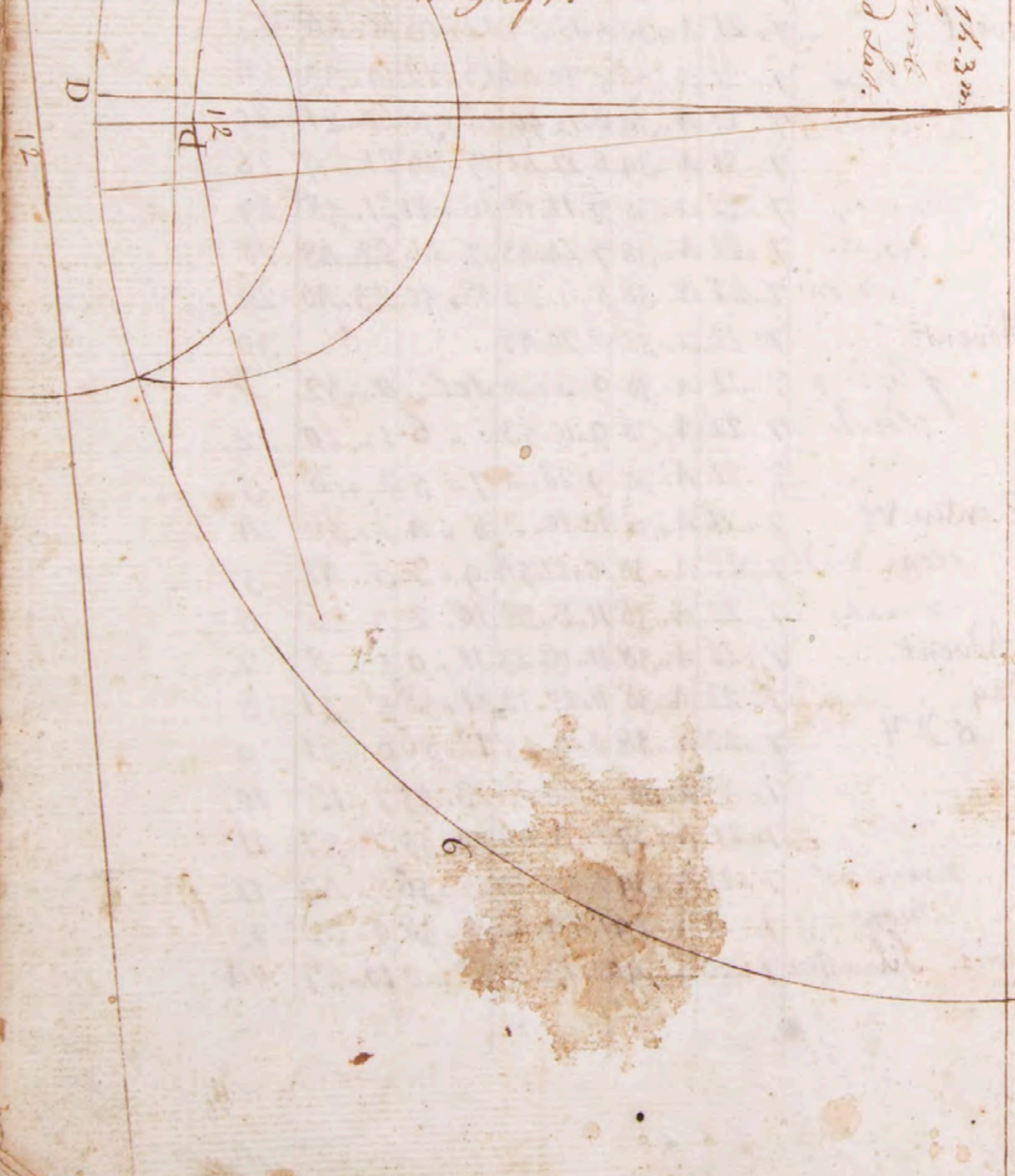
Full ○ Novemb 23 .. 7 .. 28 morn.

New ☽ Decemb 7 .. 8 .. 51 morn

Full ○ Decemb 22 .. 11 .. 9 aft.

~~[illegible]~~ is an Eclipse of the Sun December the 18th invisible at Baltimore, ☌ at 14. 39 m. A.M. ☉ is 3⅔ digits eclipsed on his South Limb in Longitude 155° .. 15′ East from Baltimore and Latitude 40 South

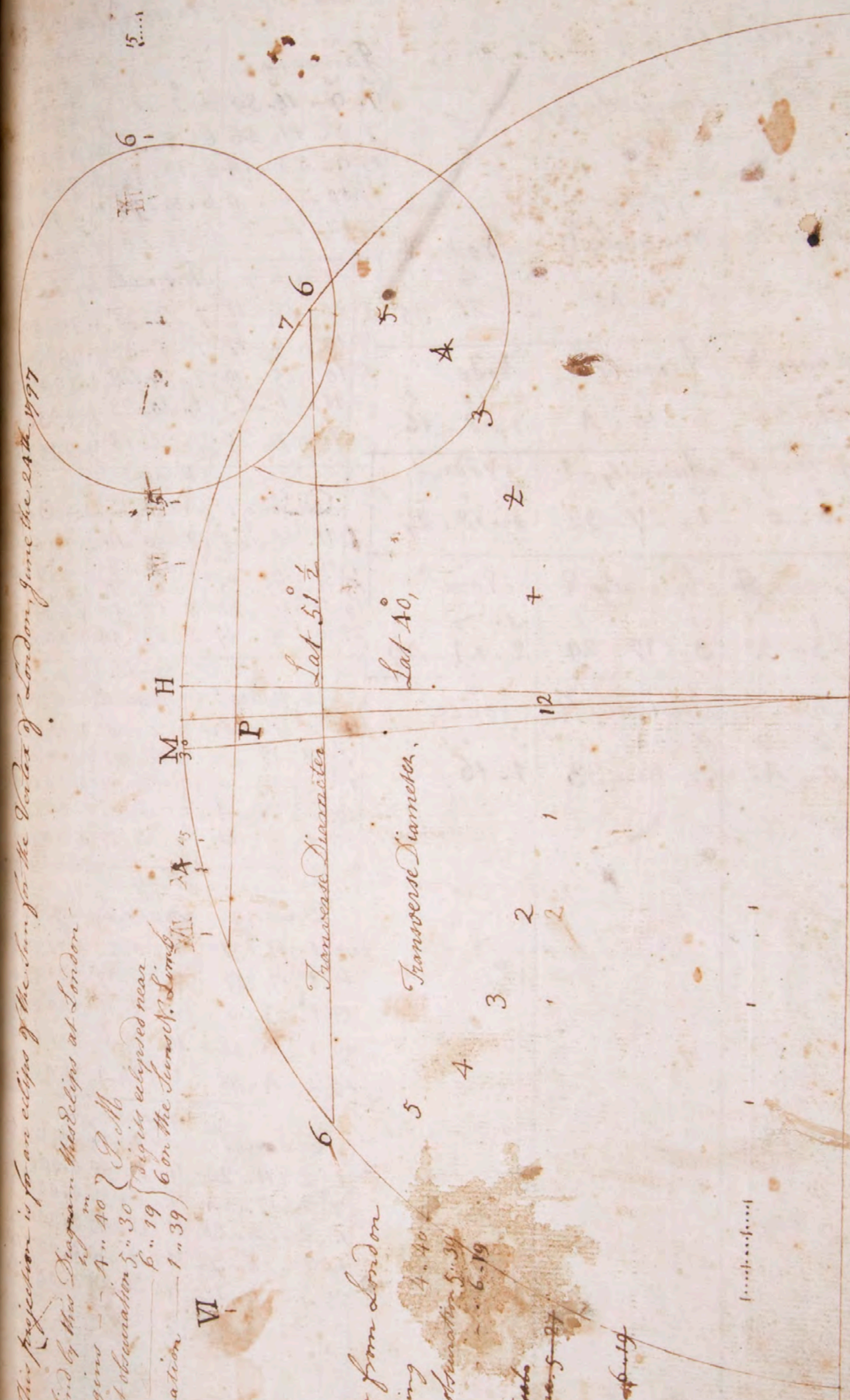
This eclipse is invisible at Baltimore ☌ at 1h. 3m A.M ☉ is 3⅔ digits eclipsed on his South Limb in Longitude 155° .. 15′ East from Baltimore and Lat. 40° South — — —



This projection is for an eclipse of the Sun for the Vertex of London, June the 24th 1797

I find by this Diagram this Eclips at London

	h m	
Begins	4 .. 40	P.M
Great obscuration	5 .. 30	
End	6 .. 19	Digits eclipsed near
Duration	1 .. 39	6 on the Suns N. Limb



As Seen from London

Beginning 4 .. 40

Greatest obscuration 5 .. 39

End - - - - 6 .. 19

~~Second Cont.~~

~~G. obscura. 5 .. 27~~

~~End . . . 6 .. 19~~

1798

Long. med. ☽

s	°	′
2	19	42

Long. Apog. ☽

s	°	′
10	24	16

Longit ☌

s	°	′
2	11	55

Long. med. ☉

s	°	′
9	10	36

Long. Apog.

s	°	′
3	9	30

1798

Long. med. ♄

s	°	′
3	7	32

1798

Anomaly ♄

s	°	′
6	6	48

Node ☊

s	°	′
3	21	35

Long. med. ♃

s	°	′
0	21	36

Anomaly ♃

s	°	′
6	10	4

Node ☊

s	°	′
3	8	56

Long. med. ♂

s	°	′
7	0	0

Anomaly ♂

s	°	′
1	27	32

Node ☊

s	°	′
1	18	27

Long. med. ♀

s	°	′
1	25	33

Anomaly ♀

s	°	′
3	17	29

Node ☊

s	°	′
2	14	49

Long. med. ☿

s	°	′
0	0	42

Anomaly ☿

s	°	′
3	16	33

Node ☊

s	°	′
1	16	9

1798

	☉ true Long	Anomaly	Log ☉a☿ according to Mayer's index
	January		
	s ° ′	° ′	
1	9 11 39	6 2 5	9·9926
7	9 17 46	6 8 0	9·9927
13	9 23 54	6 13 55	9·9928
19	10 0 0	6 19 50	9·9931
25	10 6 6	6 25 44	9·9934
	February	Anomal.	Log ☉a☿
1	10 13 11	7 2 38	9·9938
7	10 19 17	7 8 33	9·9943
13	10 25 19	7 14 28	9·9947
19	11 1 23	7 20 23	9·9953
25	11 7 25	7 26 18	9·9959
	March		
	☉ Long.	Anomaly	Log ☉a☿
1	11 11 25	8 0 14	9·9964
7	11 17 25	8 6 9	9·9971
13	11 23 25	8 12 4	9·9977
19	11 29 22	8 17 59	9·9984
25	0 5 19	8 23 54	9·9990
	April		
	☉ Long.	Anomaly	Log ☉a☿
1	0 12 13	9 0 48	0.0002
7	0 18 6	9 6 42	0.0010
13	0 23 59	9 12 37	0.0017
19	0 29 50	9 18 32	0.0024
25	1 5 41	9 24 27	0.0030
	May		
	☉ Long.	Anomaly	Log ☉a☿
1	1 11 31	10 0 22	0.0037
7	1 17 19	10 6 17	0.0044
13	1 23 6	10 12 11	0.0051
19	1 28 52	10 18 6	0.0058
25	2 4 38	10 24 1	0.0065
	June		
	☉ Long.	Anomaly	Log ☉a☿
1	2 11 20	11 0 55	0.0072
7	2 17 4	11 6 50	0.0079
13	2 22 48	11 12 45	0.0086
19	2 28 32	11 18 40	0.0093
25	3 4 14	11 24 34	0.0099

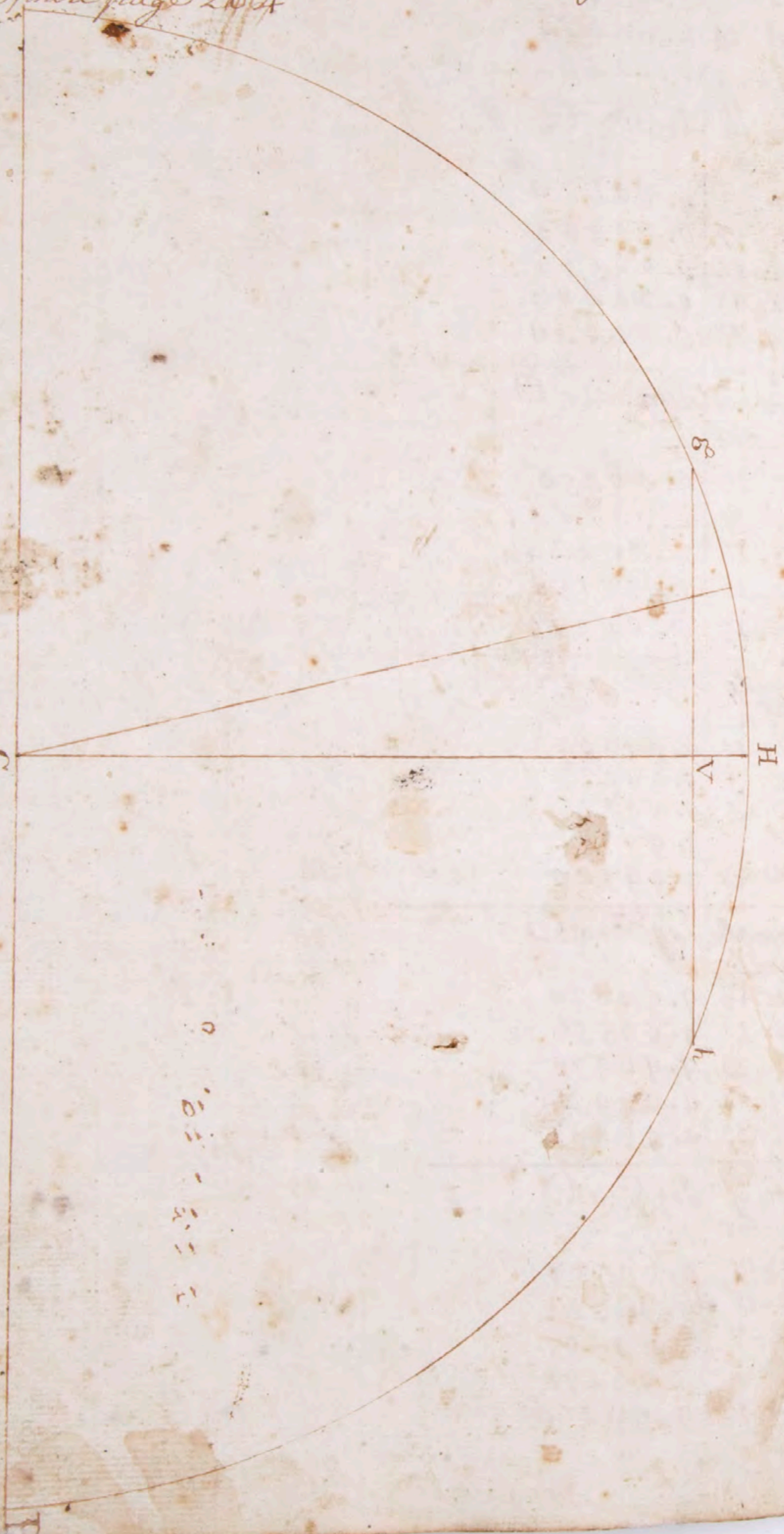
1798

	☉ true Long	Anomaly	Log ☉a☿
	July		
	s ° ′	° ′	
1	3 9 59	6 0 29	0.00723
7	3 15 42	0 6 24	0.00719
13	3 21 25	0 12 19	0.00708
19	3 27 9	0 18 14	0.00689
25	4 2 53	0 24 9	0.00663
	☉ Long.	Anomaly	Log. ☉a☿
	1798	August	
1	4 9 35	1 1 3	0.00624
7	4 15 19	1 6 57	0.00583
13	4 21 4	1 12 52	0.00536
19	4 26 51	1 18 47	0.00483
25	5 2 39	1 24 42	0.00424
	☉ Long.	Anomaly	Log. ☉a☿
	1798	Septemb.	
1	5 9 25	2 1 36	0.00350
7	5 15 15	2 7 31	0.00283
13	5 21 6	2 13 26	0.00224
19	5 26 57	2 19 20	0.00150
25	6 2 50	2 25 15	0.00075
	☉ Long.	Anomaly	Log. ☉a☿
	1798	October	
1	6 8 44	3 1 10	9.99999
7	6 14 40	3 7 5	9.99923
13	6 20 37	3 13 0	9.99847
19	6 26 35	3 18 55	9.99772
25	7 2 33	3 24 49	9.99700
	☉ Long.	Anomaly	Log. ☉a☿
	1798	Novemb.	
1	7 9 34	4 1 43	9.99620
7	7 15 36	4 7 38	9.99556
13	7 21 39	4 13 33	9.99496
19	7 27 41	4 19 28	9.99451
25	8 3 46	4 25 23	9.99402
	☉ Long.	Anomaly	Log. ☉a☿
	1798	December	
1	8 9 51	5 1 18	9.99359
7	8 15 56	5 7 12	9.99324
13	8 22 3	5 13 7	9.99297
19	8 28 9	5 19 2	9.99278
25	9 4 17	5 24 57	9.99266

~~1796 John [illegible] Dr~~
~~July 3 To 1 [illegible]~~

For discovering how many Luminarian ~~Eclipses~~ Eclipses may happen in any year, See a Compleat System of Astronomy Vol. 1 page 413 precept 14

To find the time the Moons Southing See Doctrine of the Sphere page 264



1798 January First Month hath 31 Days

	d. h. m.
Full ○	2..11..33 morn.
Last ☾	9..6..9 aft.
New ☽	16..7..49 aft.
First ☽	24..9..14 aft.
Full ○	31..10..32 aft.

☊ { 1 / 11 / 21 } ♊ { 12 / 11 / 11 } deg.

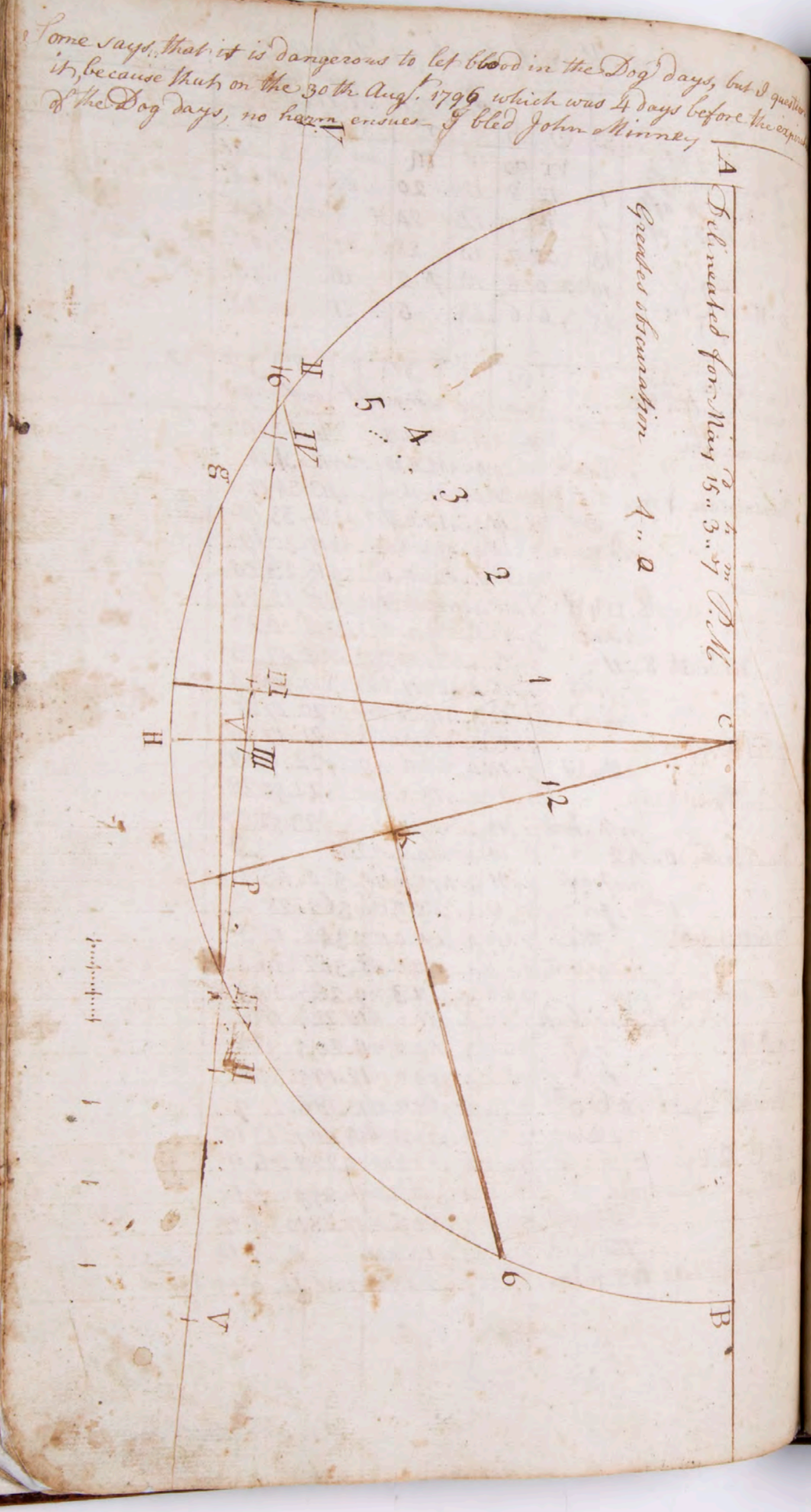
Planets Places

D	☉	♄	♃	♂	♀	☿	☽'s Lat.
	♑	♋	♈	♏	♒	♑	Lat.
1	12	8	11	20	29	27	4 N.
7	18	7	12	24	♓ 5	♒ 5	5 N.
13	24	7	13	28	11	13	0.
19	♒ 0	6	13	♐ 2	16	15	5 S.
25	6	6	14	6	21	10	2 S.

M D	W D	Remarkable days Aspects weather &c.	☉ rise	☉ set	☽'s Long.	☽ Set	☽ South	☽'s age
1	2	Circumcision	7..20	4..40	2.27.27		11..29	15
2	3	Snow	7..20	4..40	3.11.48	rise	12..31	16
3	4	Days increase 4 m.	7..20	4..40	3.26.39	6..19	13..34	17
4	5	or	7..19	4..41	4.11.28	7..32	14..33	18
5	6	cold rain,	7..19	4..41	4.26.18	8..45	15..30	19
6	7	Epiphany	7..18	4..42	5.11..0	9..59	16..23	20
7	G	1st Sund past Epip. □♄☿	7..18	4..42	5.25.32	11..7	17..12	21
8	2	clouds	7..17	4..43	6..9..38	12..13	18..0	22
9	3	pleiades South 8..11.	7..17	4..43	6..23..32	13..18	18..47	23
10	4	with	7..16	4..44	7..7..6	14..23	19..37	24
11	5	wind	7..15	4..45	7..20..26	15..28	20..27	25
12	6	♀ Set 8..43	7..15	4..45	8..3..29	16..32	21..17	26
13	7	attended	7..14	4..46	8..16..24	17..29	22..6	27
14	G	2d. Sund past Epip	7..13	4..47	8..29..4	18..23	22..59	28
15	2	with Snow	7..13	4..47	9..11..35		23..52	29
16	3	Sirius South 10..42	7..12	4..48	9..23..55	sets		☽
17	4	moderate	7..11	4..49	10..6..7	5..36	0..43	1
18	5	for	7..10	4..50	10..18..13	6..36	1..28	2
19	6	☉ enters ♒. the	7..10	4..50	11..0..10	7..34	2..12	3
20	7	Season	7..9	4..51	11..12..48	8..30	2..54	4
21	G	3d. Sund. past Epip.	7..8	4..52	11..23..59	9..26	3..36	5
22	2	flying clouds	7..7	4..53	0..6..4	10..22	4..17	6
23	3	☌☽♃ and	7..6	4..54	0..18..15	11..20	4..58	7
24	4	wind	7..5	4..55	1..0..16	12..19	5..39	8
25	5	Convers. St. paul ⚹☉♂	7..4	4..56	1..12..47	13..18	6..22	9
26	6	Snow	7..3	4..57	1..25..36	14..20	7..12	10
27	7	☌☉☿ Orient	7..2	4..58	2..8..48	15..22	8..6	11
28	G	4th. Sund. past Epip.	7..1	4..59	2..22..26	16..25	9..3	12
29	2	toward	7..0	5..0	3..6..29	17..28	10..5	13
30	3	the end,	6..59	5..1	3..20..48		11..9	14
31	4	Days increase 48 min.	6..58	5..2	4..5..47	rise	12..9	15

Our Shortest day 9..[illegible]

Some says, that it is dangerous to let blood in the Dog days, but I question it, because thats on the 30th Augt. 1796 which was 4 days before the expiration of the Dog days, no harm ensues – I bled John Minney



1798 February Second Month hath 28. days

Last ☽ 2. 9. 6. 13 morn.
New ☽ 15. 3. 3 aft.
First ☽ 23. 1. 24 aft.

☌ { 1 / 11 ♓ / 21 } { 10 / 10 / 9 } deg.

☽	☉	Planets Places ♄	♃	♂	☿	♀	☽
	♒	♑	♈	♐	♓	♒	Sat.
1	13	6	15	11	26	2	5 N.
7	19	5	16	15	♈ 0	♍ 29	2 N.
13	25	5	18	18	3	♒ 0	3 S.
19	♓ 1	5	19	22	4	5	4 S.
25	7	5	20	26	5	11	2 N.

W	D	Remarkable Days Aspects weather &c.	☉ rise	☉ Set	☽ Long.	☽ rise	☽ South	☽ age
1	5		6.. 57	5.. 3	1..20.43	6.. 22	13.. 9	16
2	6	clear purification V. Mary	6.. 56	5.. 4	5..5..42	7.. 32	14.. 4	17
3	7	☌ ☿	6.. 55	5.. 5	5..20..32	8.. 42	14.. 55	18
4	G	Septuagesima Sund	6.. 54	5.. 6	6..5.. 5	9.. 52	15.. 45	19
5	2	and cold,	6.. 53	5.. 7	6..19..22	10.. 59	16.. 34	20
6	3	days 10.. 16	6.. 52	5.. 8	7..3..10	12.. 6	17.. 23	21
7	4	Snow	6.. 51	5.. 9	7..16..37	13.. 12	18.. 12	22
8	5	pleades Set 1.. 3	6.. 50	5.. 10	7..29..52	14.. 14	19.. 3	23
9	6	or rain	6.. 49	5.. 11	8..12..40	15.. 14	19.. 55	24
10	7		6.. 48	5.. 12	8..25..14	16.. 13	20.. 48	25
11	G	Sexagesima Sund	6.. 46	5.. 14	9..7..34	17.. 2	21.. 39	26
12	2	flying	6.. 45	5.. 15	9..19..49	17.. 47	22.. 28	27
13	3	△ ♄ ♂	6.. 44	5.. 16	10..1..59	18.. 25	23.. 14	28
14	4	Valentine	6.. 43	5.. 17	10..14..5		23.. 57	29
15	5	Clouds	6.. 42	5.. 18	10..26..12	Sets		☽
16	6	Days increas 1.. 24	6.. 40	5.. 20	11..8..13	6♑ 10	0.. 39	1
17	7	Snow	6.. 39	5.. 21	11..20..16	7.. 8	1.. 21	2
18	G	Quinquagesima Sund.	6.. 38	5.. 22	0..2..22	8.. 6	2.. 3	3
19	2	☿ great elong ☌ ☽ ♄	6.. 36	5.. 24	0..14..34	9.. 5	2.. 45	4
20	3	Shrove Tues.	6.. 35	5.. 25	0..26..54	10.. 5	3.. 29	5
21	4	Ash wednesday	6.. 34	5.. 26	1..9..19	11.. 5	4.. 14	6
22	5	windy with	6.. 33	5.. 27	1..21..59	12.. 7	5.. 3	7
23	6	△ ☉ ♄	6.. 32	5.. 28	2..4..56	13.. 11	5.. 56	8
24	7	St. Matthias	6.. 31	5.. 29	2..18..13	14.. 15	6.. 52	9
25	G	1st Sund. in Lent □ ♄ ♀	6.. 30	5.. 30	3..1..51	15.. 16	7.. 51	10
26	2	rain	6.. 28	5.. 32	3..15..54	16.. 12	8.. 51	11
27	3	or Snow	6.. 27	5.. 33	4..0..19	17.. 2	9.. 51	12
28	4	Days 11.. 8	6.. 26	5.. 34	4..15..21	17.. 45	10.. 49	13

Venus (♀) will be evening star untill the 17th day of March, then morning Star untill the end of the year

First Eclipse 1798

But two eclipses at N. Node

True time of New Moon in May, 1798 } D H M 15..3..7 P.M

Semidiameter of the Earths disc	0..56..3
Sun's distance from the nearest Solstice	35..
Sun's declination North	18..58
Moon's Latitude South Ascend	0..49
Moon's Horary motion from the Sun	0..32
Angle of the Moon's visibe path with the Ecliptic	5..35
Sun's Semidiameter	0..16
Moon's Semidiameter	0..15
Semidiameter of the penumbra	0..31
Sun's equated distane from the Moons North Node	11..20°..32'..11"

Second of the Moon May 29th 1..11 P.M Invisible

Third of the Sun November 7..8..46 P.M

Semidiameter of the Earths disc	0..60..3
Sun's distance from the nearest Solstice	44--
Sun's declination South	16..26
Moon's Latitude North Descending	0..49
Moons Horary Motion from the Sun	0..34
Angle of the Moons visible path with Ecliptic	5..35
Suns Semidiameter	0..16
Moons Semidiameter	0..16
Semidiameter of the penumbra	0..32

Fourth of the Moon

True time of full Moon in November 1798 } 23..7..28 A.M

Moon's Horizontal paralax	0..55..
Suns Semidiameter	0..16..
Moons Semidiameter	0..15
Semidiameter of the Earths shadow at the Moon	0..39..
Moons true Latitude North Ascending	0..36..
Angle of the Moons visible path with the Ecliptic	5..35
Moons true horary motion from the Sun	0..30..

Two eclipses at the South Node

Sun from Node 6..6..153

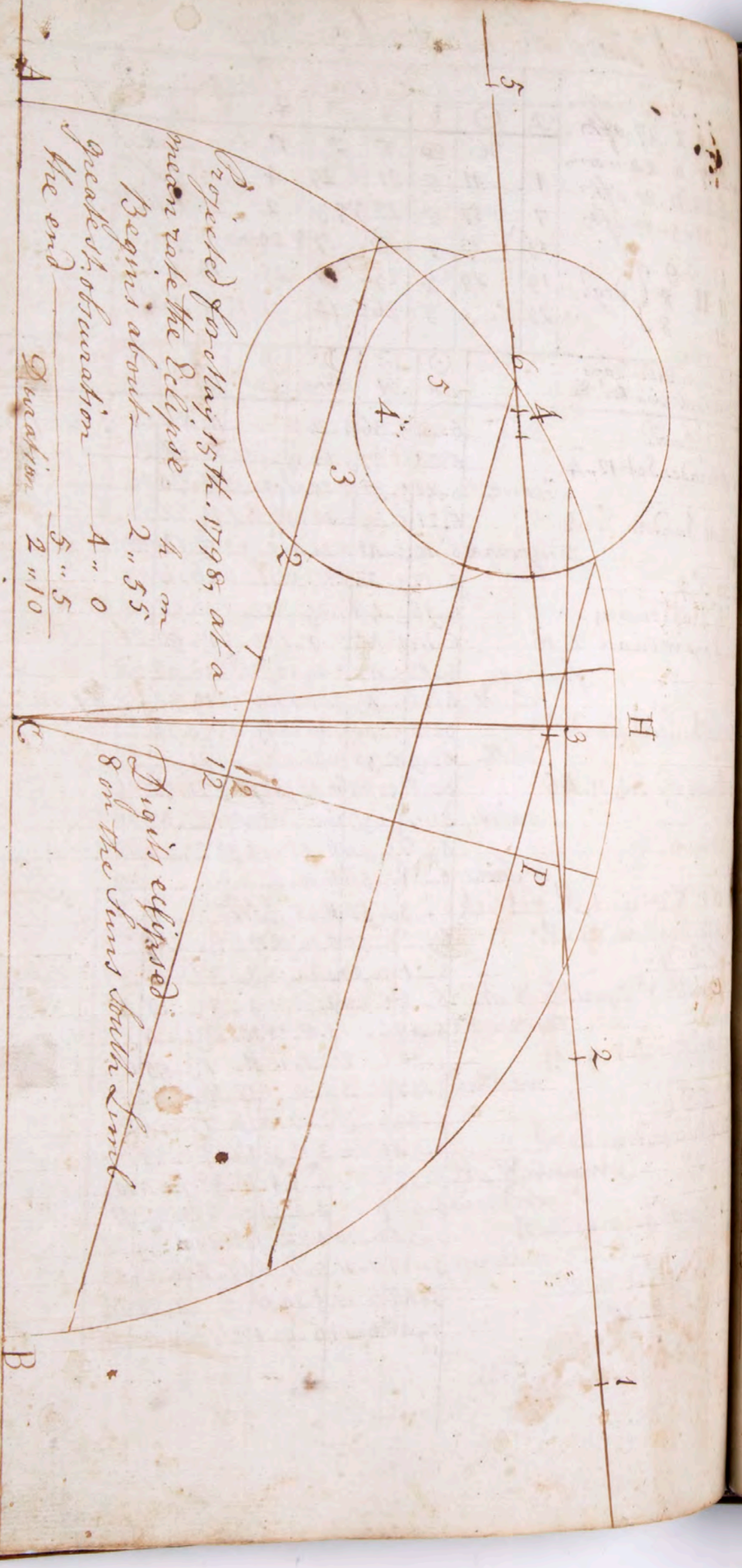
1798 March Third Month hath 31 Days

Full ○ 2..8..33 morn.
Last ☾ [illegible]..2..27 aftn.
New ☽ 17..9..24 morn.
First ☽ 24..11..20 aft.
Full ○ 31..5..57 aft

☊ { 1 ♊ 9; 11 ♊ 8; 21 8 } deg.

	Planets Places						
D	☉	♄	♃	♂	♀	☿	☽'s
	♓	♋	♈	♐	♈	♒	Lat.
1	11	5	21	29	4	15	5 N.
7	17	5	22	♑ 3	♓ 2	27	1 N.
13	23	5	23	7	♓ 29	♓ 10	5 S.
19	29	5	25	10	25	13	4 S.
25	♈ 5	5	26	14	21	♈ 18	3 N.

M D	W D	Remarkable days Aspects weather &c	☉ rise	☉ set	☽'s Long.	☽ set	☽ south	☽'s age
1	5	St. David	6..24	5..36	4..29..58		11..44	14
2	6	pleiades Set 12..4	6..23	5..37	5..14..59	rise	12..38	15
3	7	Snow,	6..22	5..38	5..29..52	7..30	13..30	16
4	G	2nd. Sund. in Lent	6..21	5..39	6..14..31	8..42	14..22	17
5	2	temperate	6..19	5..41	6..28..45	9..52	15..14	18
6	3	□ ♂ ♀	6..17	5..43	7..12..38	11..0	16..6	19
7	4	♄ Stationary	6..16	5..44	7..26..2	12..5	16..58	20
8	5	Days increase 2..16	6..14	5..46	8..9..1	13..8	17..50	21
9	6	flying	6..13	5..47	8..21..40	14..5	18..42	22
10	7	clouds	6..12	5..48	9..4..29	14..58	19..34	23
11	G	3d. Sund. in Lent	6..11	5..49	9..16..22	15..45	20..24	24
12	2	with	6..9	5..51	9..28..16	16..25	21..12	25
13	3	Bulls eye Set 11..46	6..8	5..52	10..10..14	17..0	21..58	26
14	4	rain	6..7	5..53	10..22..10	17..31	22..42	27
15	5	Days 11..48	6..6	5..54	11..4..8	17..58	23..24	28
16	6	or Snow	6..4	5..56	11..16..9			29
17	7	☌ ☉ ☿ Orient. St. patrick	6..3	5..57	11..28..17	sets	0..6	☽
18	G	4th. Sund. in Lent.	6..2	5..58	0..10..29	7..3	0..49	2
19	2	☌ ☽ ♃	6..1	5..59	0..22..57	8..3	1..32	3
20	3	☉ enter ♈ Equal D. & N.	6..0	6..0	1..5..31	9..3	2..17	4
21	4	temperate	5..59	6..1	1..18..14	10..4	3..4	5
22	5	Arietis Set 9..9	5..58	6..2	2..1..10	11..7	3..55	6
23	6	weather	5..57	6..3	2..14..21	12..10	4..49	7
24	7	△ ☉ ♄	5..55	6..5	2..27..48	13..11	5..46	8
25	G	5th. Sund. in Lent	5..54	6..6	3..11..32	14..8	6..45	9
26	2	(Annun. N. M	5..53	6..7	3..25..43 *	14..58	7..44	10 3..27..13
27	3	cold rain	5..52	6..8	4..9..54	15..45	8..42	11
28	4	Days increase 3..4	5..50	6..10	4..24..9	16..26	9..39	12
29	5	moderate	5..49	6..11	5..9..18	17..2	10..34	13
30	6	pleiades Set 10..22	5..48	6..12	5..24..12		11..28	14
31	7	Days 12..28	5..46	6..14	6..9..1	rise	12..20	15



1798 April Fourth Month hath 30 Days

Planets Places

	h	m			☽	☉	♄	♃	♂	♀	☿	☽ v
Last ☽	7	10	8	after								
New ☽	16	1	38	morn.		♈	♋	♈	♍	♓	♈	Lat.
First ☽	23	7	22	morn.	1	12	5	28	18	19	18	3 N
Full ☉	30	3	16	morn.	7	18	6	29	22	18	25	3 S
☌	1	7			13	24	6	♉ 1	26	19	♉ 1	5 S
	11	11		deg.	19	♉ 0	7	2	♎ 0	22	13	0 N
	21	6			25	6	7	4	4	25	24	5 N

Day	Week Day	Remarkable days Aspects weather &c	☉ rise	☉ set	☽ v Long.	☽ rise	☽ South	☽ age
1	G	Palm Sund. ☐ ♂ ☿	5 .. 44	6 .. 16	6 .. 23 .. 37	7 .. 43	13 .. 12	16
2	2	clear	5 .. 43	6 .. 17	7 .. 7 .. 54	8 .. 53	14 .. 5	17
3	3	☿ rise 4 .. 47	5 .. 41	6 .. 19	7 .. 21 .. 46	10 .. 1	14 .. 59	18
4	4	St. Ambrose	5 .. 40	6 .. 20	8 .. 5 .. 12	11 .. 7	15 .. 52	19
5	5	and	5 .. 39	6 .. 21	8 .. 18 .. 11	12 .. 7	16 .. 45	20
6	6	Good Fryd.	5 .. 38	6 .. 22	9 .. 0 .. 47	13 .. 1	17 .. 37	21
7	7	pleasant	5 .. 36	6 .. 24	9 .. 13 .. 2	13 .. 49	18 .. 26	22
8	G	Easter Sund.	5 .. 35	6 .. 25	9 .. 25 .. 4	14 .. 31	19 .. 14	23
9	2	Easter Mond.	5 .. 34	6 .. 26	10 .. 6 .. 56	15 .. 7	20 .. 1	24
10	3	Easter Tuesd.	5 .. 33	6 .. 27	10 .. 18 .. 42	15 .. 39	20 .. 46	25
11	4	April Showers	5 .. 32	6 .. 28	11 .. 0 .. 28	16 .. 8	21 .. 28	26
12	5	brings forth	5 .. 30	6 .. 30	11 .. 12 .. 18	16 .. 34	22 .. 9	27
13	6	☌ ♃ ☿	5 .. 29	6 .. 31	11 .. 24 .. 14	16 .. 59	22 .. 51	28
14	7	May flowers,	5 .. 28	6 .. 32	0 .. 6 .. 20	17 .. 26	23 .. 34	29
15	G	1st. Sund past Easter.	5 .. 27	6 .. 33	0 .. 18 .. 38			30
16	2	☌ ☽ ♃	5 .. 26	6 .. 34	1 .. 1 .. 11	Sets	0 .. 19	☽
17	3	wind &	5 .. 25	6 .. 35	1 .. 13 .. 57	8 .. 3	1 .. 7	2
18	4	rain	5 .. 23	6 .. 37	1 .. 26 .. 57	9 .. 7	1 .. 58	3
19	5	☐ ☉ ♂ then	5 .. 22	6 .. 38	2 .. 10 .. 16	10 .. 9	2 .. 52	4
20	6	☽ enters ♉	5 .. 21	6 .. 39	2 .. 23 .. 42	11 .. 9	3 .. 48	5
21	7	pleasant again	5 .. 20	6 .. 40	3 .. 7 .. 23	12 .. 7	4 .. 47	6
22	G	2nd. Sund. past Easter	5 .. 18	6 .. 42	3 .. 21 .. 16	13 .. 1	5 .. 45	7
23	2	☌ ☉ ♃ Orient -	5 .. 17	6 .. 43	4 .. 5 .. 26	13 .. 51	6 .. 42	8
24	3	pleiades Sets 8 .. 51 -	5 .. 16	6 .. AA	4 .. 19 .. AA	14 .. 32	7 .. 37	9
25	4	now rain	5 .. 15	6 .. 45	5 .. A .. 13	15 .. 4	8 .. 30	10
26	5	Sirius Sets 9 .. 22	5 .. 14	6 .. A6	5 .. 18 .. 50	15 .. 36	9 .. 22	11
27	6	descend	5 .. 13	6 .. A7	6 .. 3 .. 30	16 .. 9	10 .. 14	12
28	7	fields to befriend	5 .. 12	6 .. A8	6 .. 18 .. 9	16 .. A2	11 .. 6	13
29	G	3d. Sund. past Easter.	5 .. 11	6 .. A9	7 .. 2 .. 36		11 .. 58	14
30	2	Days increase 4 .. 24	5 .. 10	6 .. 50	7 .. 16 .. A8	rise	12 .. 52	15

Common Notes and moveable Feasts for the year 1798

Dominical Letter	G	Easter Sund.	April — 8
Cycle of the Sun	15	Ascension Day.	May — 17
Golden Number	13	Whitsunday.	May — 27
Epact	12	Trinity Sund.	June — 3
Number of Direction	18	Advent Sund.	December 2

Eclipses for the year 1798 are four in number two of each luminary

First of the Sun May 15 d.. 3 h.. 7 m P.M Invisible at Baltimore, & 3h. 7m P.M The Sun is central ~~eclipsed~~ eclipsed on the Meridian in Long. 37° ¾ west from the Meridian ~~and~~ of Baltimore and Lat. 49 South

Second of the Moon May 29 d.. 1 h.. 11 m P.M therefore invisible with us

Third of the Sun November 7.. ~~[illegible] P.M~~ Invisible at Baltimore & at 8 h.. 46 m P. the Sun is central and totally Eclipsed on the Meridian in Long 131° west of Baltimore and Lat. 46°. 34′ North

~~Fourth and Last of the Moon Novemb 23 d.. 7 h.. 28 m A.M Invisible~~

Fourth and last is a visible ~~eclipse~~ eclipse of the Moon November 23 d.. 7 h.. 28 m A.M

Beginning — — — 6 h.. 5 m
Greatest obscuration — 7.. 28
End — 8.. 50

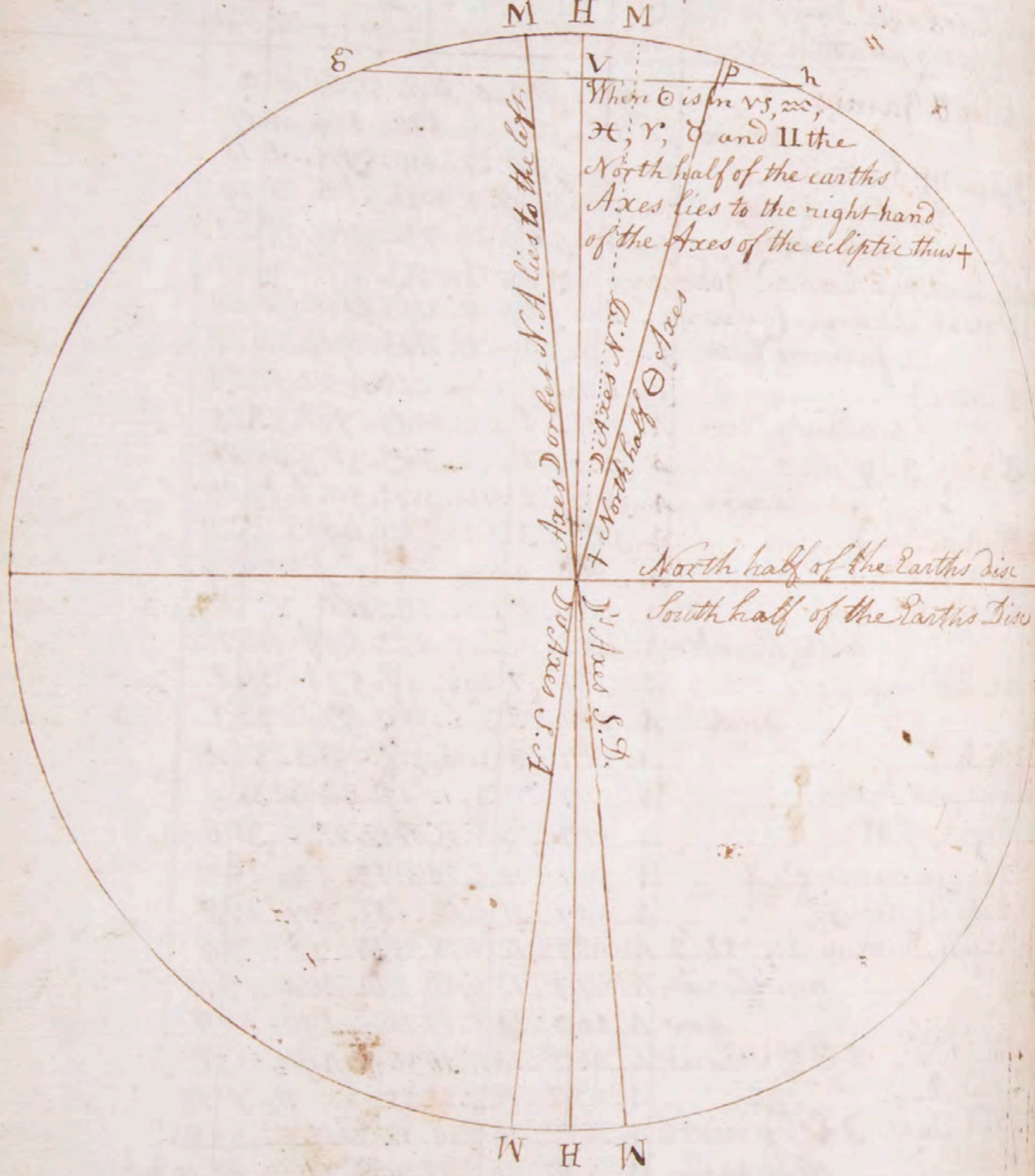
Moon Sets in her greatest obscuration to wit 6½ digits on her South Limb

1798 May Fifth Month hath 31 Days

Moon's phases	☽	☉	♄	♃	♂	♀	☿	☽'s
			Planets Places					
Last ☾ 7 d.. 3 h.. 27 m aft.		Long.	♋	♉	♒	♓	♊	Lat.
New ☽ 15.. 3.. 7 aft	1	1..11..31	8	5	7	29	1	0 N.
First ☽ 22.. 3.. 20 aft	7	1..17..19	8	6	11	♈ 3	8	5 S.
Full ○ 29.. 1.. 11 aft	13	1..23..6	9	8	14	8	11	3 S.
☊ {♄ 11, ♊ 21} {6, 5, 4} deg.	19	1..28..52	9	9	18	13	11	3 N.
	25	2..4..38	10	11	21	19	8	4 N.

M D	W D	Remarkable days Aspects weather &c	☉ rise	☉ set	☽'s Long	☽ rise	☽ south	☽'s age
1	3	Philip & James	5..9	6..51	8..0..38	8..57	13..46	16
2	4	rain	5..8	6..52	8..14..4	10..1	14..40	17
3	5	Spica ♍ South 10..33	5..7	6..53	8..27..4	10..59	15..34	18
4	6	the flowers now	5..5	6..55	9..9..40	11..51	16..28	19
5	7	the fields adorn	5..4	6..56	9..21..57	12..37	17..18	20
6	G	4th. Sund. past East. St John	5..3	6..57	10..3..54	13..17	18..6	21
7	2	☿ great elong. Evang	5..2	6..58	10..15..42	13..51	18..50	22
8	3	farmers haste	5..1	6..59	10..27..21	14..19	19..32	23
9	4	Days 14	5..0	7..0	11..9..0	14..43	20..12	24
10	5	to plant ye corn	4..59	7..1	11..20..42	15..7	20..53	25
11	6	♀ rise 3..9	4..58	7..2	0..2..36	15..31	21..35	26
12	7	rain	4..58	7..2	0..14..35	15..59	22..19	27
13	G	Rogation Sund.	4..57	7..3	0..26..52	16..29	23..5	28
14	2	☌ ☽ ♃	4..56	7..4	1..9..28		23..53	29
15	3	☉ Eclip	4..55	7..5	1..22..21	Sets		☽
16	4	with thunder	4..54	7..6	2..5..23	7..59	0..43	1
17	5	Ascention day	4..53	7..7	2..19..5	8..59	1..36	2
18	6	gusts	4..52	7..8	3..2..51	9..57	2..33	3
19	7	✱ ♄ ♃	4..52	7..8	3..16..50	10..53	3..33	4
20	G	Sund. past Ascen.	4..51	7..9	4..1..1	11..44	4..33	5
21	2	☉ enters ♊	4..51	7..9	4..15..17	12..28	5..31	6
22	3	Days increase 5..4	4..50	7..10	4..29..41	13..5	6..25	7
23	4	♀ great elong	4..49	7..11	5..14..6	13..38	7..17	8
24	5	pegasi Markab rise 12..2	4..48	7..12	5..28..35	14..7	8..7	9
25	6	now for rain	4..47	7..13	6..13..2	14..40	8..57	10
26	7	now	4..46	7..14	6..27..22	15..13	9..49	11
27	G	Whitsund. ☌ ☉ ☿ Orient.	4..46	7..14	7..11..36	15..49	10..43	12
28	2	Whit. Mond.	4..45	7..15	7..25..35		11..38	13
29	3	Whit. Tues. ☽ Eclip invis.	4..44	7..16	8..9..17	rise	12..33	14
30	4	clear again	4..44	7..16	8..22..39	8..53	13..29	15
31	5	pegasi Algenib rise 0..56	4..43	7..17	9..5..39	9..46	14..22	16

In the Month of January 1797, on a pleasant day for the Season I observed my honey bees to be out of their hives and Seemed very busy all but one hive, upon examination I found all the bees had evacuated the hive and left not a drop of honey behind them, and on the 9th day of February ensuing, I killed the neighbouring hive of Bees on a Special occation and found a great quantity of honey considering the season, which I immagine the Stronger had violently taken from the weaker and the weaker had persued them to their home resolved to be benefitted by their labour or die in the contest,



1798 June Sixth Month hath 30 Days

	d	h	m	
Last ☾	6	6	35	morn.
New ☽	14	2	1	morn.
First ☽	20	8	55	aft.
Full ○	28	0	31	morn.

☊ { 1 / 11 / 21 } ♊ { 4 / 3 / 3 } deg.

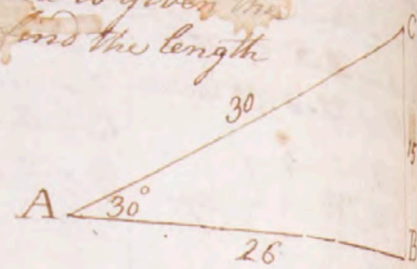
D	☉ Long.	♄ ♋	♃ ♉	♂ ♒	♀ ♈	☿ ♊	☽'s Lat.
1	2..11..20	11	12	24	26	1	4 S.
7	2..17..4	12	14	28	♉ 2	2	5 S.
13	2..22..48	12	15	♓ 0	8	1	1 N.
19	2..28..32	13	16	3	14	6	5 N.
25	3..4..14	14	17	7	21	12	0 S.

M D	W D	Remarkable days Aspects weather &c	☉ rise	☉ set	☽'s Long.	☽ rise	☽ South	☽'s age
1	6	Lyra South 1..37	4..43	7..17	9..18..16	10..33	15..13	17
2	7	warm	4..42	7..18	10..0..35	11..12	16..1	18
3	G	Trinity Sund.	4..42	7..18	10..12..34	11..45	16..45	19
4	2	rain	4..41	7..19	10..24..26	12..24	17..27	20
5	3	Days increase 5..22	4..41	7..19	11..6..5	12..40	18..8	21
6	4	flying cloud	4..41	7..19	11..17..42	13..5	18..49	22
7	5	♀ rise 2..22	4..40	7..20	11..29..20	13..30	19..29	23
8	6	Days 14..40	4..40	7..20	0..11..6	13..56	20..11	24
9	7	windy	4..40	7..20	0..23..3	14..24	20..55	25
10	G	1st Sund past Trin.	4..39	7..21	1..5..19	14..56	21..41	26
11	2	☌ ☽ ♃ St Barnabas	4..39	7..21	1..17..53	15..32	22..30	27
12	3	like for	4..39	7..21	2..0..50	16..10	23..23	28
13	4	Spica ♍ Sets 1..18	4..39	7..21	2..14..9			29
14	5	rain	4..39	7..21	2..27..52	Sets	0..19	☽
15	6	pegasi Markab rise 10..32	4..38	7..22	3..11..54	8..40	1..17	2
16	7	clear	4..38	7..22	3..26..11	9..32	2..17	3
17	G	2d Sund. past Trin.	4..38	7..22	4..10..36	10..17	3..15	4
18	2	St Alban	4..38	7..22	4..25..7	10..55	4..9	5
19	3	☿ great elong	4..38	7..22	5..9..38	11..29	5..1	6
20	4	and warm,	4..38	7..22	5..24..3	12..2	5..53	7
21	5	Longest day ☉ enters ♋	4..38	7..22	6..8..24	12..34	6..45	8
22	6	thunder	4..38	7..22	6..22..40	13..6	7..37	9
23	7	gusts	4..38	7..22	7..6..47	13..41	8..29	10
24	G	3d Sund. past Trin. St John	4..38	7..22	7..20..42	14..19	9..22	11
25	2	and rain	4..38	7..22	8..4..25	15..1	10..16	12
26	3	pegasi Algenib rise 10..58	4..38	7..22	8..17..52	15..48	11..11	13
27	4	heavy	4..38	7..22	9..1..6		12..5	14
28	5	weather	4..38	7..22	9..14..2	rise	13..58	15
29	6	St peter & paul	4..39	7..21	9..26..38	9..3	13..48	16
30	7	Days decrease 2 m.	4..39	7..21	10..8..58	9..39	14..36	17

Trigonometry

The Base being given, and the acute ∠ at A, to find the ~~perpendicular~~ hypothenuse and ~~hypothenuse~~ perpendicular ——

In this right angled triangle ABC. there is given the Base AB 26 feet, the angle at A 30°. to find the length of the hypothenuse.—



To find the Sine complement Subtract the given angle at A from 90° —— —— ——

As Sinecomplement of the ∠ at A	9·93753	Sub
is to the Logarithm Base 26	1·41497	add
So is radius or the Sine of 90°	10·00000	to
to the Logarithm of the hypothenuse)	11·41497	from
AC = 30 feet	1·47744	= 30 feet ~~hypothenuse~~ hypothenuse

The hypothenuse being obtained I now Seek for the perpendicular —

As the Sine of the angle ACB 60°	9·93753	Sub.
is to the Logarithm of the base AB 26	1·41497	add
So is the Sine of the angle CAB 30	9·69897	to
to the Logarithm of the perpendicular CB 15.	11·11394	from
	1·17641	= 15

Or this may be performed by projection, Draw a line ~~x~~ at random for the base but of a sufficient lenght, then lay your protractor on said line, take from thence the angle of 30° at A and draw a line at pleasure for the hypothenuse and let fall a perpendicular on B and that give the lenght of the perpendicular

1798 July Seventh Month hath 31 Days

	☽	☉	♄	♃	♂	♀	☿	☽'s
			Planets Places					
		Long.	♋	♉	♓	♉	♊	Lat
Last ☾ 5..11..35 aft. (d h m)	1	3..9..59	15	18	8	27	21	5 S.
New ☽ 13..10..50 morn.	7	3..15..42	15	19	10	♊ 4	29	3 S.
First ☾ 20..3..1 morn.	13	3..21..25	16	20	11	11	♋ 13	4 N.
Full ○ 27..1..30 aft.	19	3..27..9	17	21	12	18	26	4 N.
☊ {1, 11, 21} ♊ {2, 2, 1} deg.	25	4..2..53	18	22	13	25	♌ 8	3 S.

M D	W D	Remarkable days Aspects weather &c.	☉ rise	☉ set	☽'s Long.	☽ rise	☽ South	☽'s age
1	G	4th Sund. past Trin	4..39	7..21	10..21..4	10..10	15..20	18
2	2	Visitation V. Mary	4..40	7..20	11..2..58	10..37	16..1	19
3	3	expect rain	4..40	7..20	11..14..43	11..2	16..42	20
4	4	Translation, St. Martin	4..40	7..20	11..26..25	11..28	17..23	21
5	5	Farmers go reap	4..41	7..19	0..8..7	11..52	18..3	22
6	6	☌ ☉ ♄ orient.	4..41	7..19	0..19..53	12..19	18..45	23
7	7	God send you	4..42	7..18	1..1..51	12..48	19..30	24
8	G	5th Sund past Trin.	4..42	7..18	1..14..2	13..22	20..18	25
9	2	☌ ☽ ♃	4..43	7..17	1..26..36	13..59	21..8	26
10	3	a good heap	4..43	7..17	2..9..32	14..43	22..2	27
11	4	Lyra South, 11..7	4..44	7..16	2..22..53	15..38	23..2	28
12	5	expect thunder	4..44	7..16	3..6..43			29
13	6	♀ rise 1..53	4..45	7..15	3..20..52	Sets	0..2	☽
14	7	and Showers	4..45	7..15	4..5..21	8..6	0..59	2
15	G	6th Sund. past Trin.	4..46	7..14	4..20..2	8..45	1..53	3
16	2	to Cherish	4..47	7..13	5..4..46	9..21	2..47	4
17	3	Days 14..26.	4..47	7..13	5..19..26	9..56	3..40	5
18	4	♃ rise 0..25	4..48	7..12	6..3..59	10..30	4..32	6
19	5	the flowers,	4..49	7..11	6..18..20	11..3	5..24	7
20	6	Margaret	4..49	7..11	7..2..25	11..36	6..16	8
21	7	☌ ☉ ☿ Occident.	4..50	7..10	7..16..18	12..11	7..8	9
22	G	7th Sund. past Trin.	4..51	7..9	7..29..58	12..51	8..2	10
23	2	☉ enters ♌, (Magdelen	4..52	7..8	8..13..21	13..37	8..56	11
24	3	gusty	4..53	7..7	8..26..29	14..27	9..50	12
25	4	St. James weather	4..54	7..6	9..9..29	15..22	10..45	13
26	5	St. Anne	4..54	7..6	9..22..14		11..37	14
27	6	with frequent	4..55	7..5	10..4..47	rise	12..27	15
28	7	Showers	4..56	7..4	10..17..8	8..10	13..14	16
29	G	8th Sund. past Trin	4..57	7..3	10..29..17	8..37	13..56	17
30	2	Dog days begins of	4..58	7..2	11..11..17	9..3	14..37	18
31	3	Days 14..2 rain	4..59	7..1	11..23..10	9..28	15..18	19

Suppose Ladder 60 feet long be placed in a Street so as to reach a window on one Side 37 feet high, and without moving it at bottom, will reach another on the other Side of the Street which is 23 feet high, required the breadth of the

1798 August Eighth Month hath 31 Days—

Last ☽ 2. 4 h 3 m 24 aft
New ☽ 11 . 6 . 34 aft
First ☽ 18 . 0 . 0 noon
Full ☉ 26 . 4 . 29 morn.

☌ { 1° 11 ♊ 0 / 21 0 } deg.

Planets Places

D	☉	♄	♃	♂	♀	☿	☽
	Long	♌	♉	♓	♌	♌	Lat.
1	4.9.35	19	23	14	3	22	4 S.
7	4.15.19	19	24	13	10	♍ 2	2 N.
13	4.21.4	20	25	12	17	12	5 N.
19	4.26.51	21	25	11	24	21	1 S.
25	5.2.39	21	26	10	♎ 3	29	5 S.

D W D	Remarkable days Aspects weather &c.	☉ rise	☉ set	☽ Long	☽ rise	☽ South	☽ age
1 A	Lammas Day	5 . . 0	7 . . 0	0 . A . 59	9 . 53	16 . . 0	20
2 5	expect	5 . . 1	6 . . 59	0 . 16 . 50	10 . 19	16 . 42	21
3 6	Lyra South 9 . . 36	5 . . 2	6 . . 58	0 . 28 . A5	10 . 48	17 . . 26	22
4 7	rain	5 . . 3	6 . . 57	1 . 10 . A5	11 . 20	18 . . 12	23
5 G	9th. Sund. past Trin.	5 . . 4	6 . . 56	1 . 23 . . 2	11 . . 56	19 . . 0	24
6 2	(☌ ☽	5 . . 5	6 . . 55	2 . . 5 . . 33	12 . . 37	19 . . 52	25
7 3	☿ rise 2 . . 16	5 . . 6	6 . . 54	2 . . 18 . . 31	13 . . 25	20 . . 48	26
8 4	Days decrease 58 min.	5 . . 7	6 . . 53	3 . . 1 . . 53	14 . . 25	21 . . 47	27
9 5	hot	5 . . 8	6 . . 52	3 . . 15 . . A1	15 . . 25	22 . . A6	28
10 6	St. Lawrence	5 . . 9	6 . . 51	3 . . 29 . . 55		23 . . A6	29
11 7	and dry,	5 . . 10	6 . . 50	4 . . 14 . . 30	Sets		☽
12 G	10th. Sund. past Trin.	5 . . 11	6 . . A9	4 . . 29 . . 16	7 . . 23	0 . . A0	1
13 2	heavy thunder	5 . . 12	6 . . A8	5 . . 14 . . 14	7 . . 55	1 . . 34	2
14 3	Spica ♍ Set 9 . . 5	5 . . 13	6 . . A7	5 . . 29 . . 5	8 . . 27	2 . . 26	3
15 4	wind	5 . . 14	6 . . A6	6 . . 13 . . A6	8 . . 59	3 . . 18	4
16 5	pegasi Markab rise 6 . . 23	5 . . 15	6 . . A5	6 . . 28 . . 7	9 . . 33	4 . . 10	5
17 6	□ ☉ ♆ and rain	5 . . 16	6 . . AA	7 . . 12 . . 11	10 . . 8	5 . . 2	6
18 7	now	5 . . 18	6 . . A2	7 . . 25 . . 54	10 . . A7	5 . . 55	7
19 G	11th. Sund. past Trin.	5 . . 19	6 . . A1	8 . . 9 . . 19	11 . . 31	6 . . A9	8
20 2	expect	5 . . 20	6 . . A0	8 . . 22 . . 26	12 . . 19	7 . . A3	9
21 3	pegasi Algenib rise 7 . . 13	5 . . 21	6 . . 39	9 . . 5 . . 20	13 . . 13	8 . . 37	10
22 4	great	5 . . 22	6 . . 38	9 . . 18 . . 0	14 . . 11	9 . . 31	11
23 5	☉ enters ♍	5 . . 23	6 . . 37	10 . . 0 . . 34	15 . . 10	10 . . 21	12
24 6	St. Bartholomew	5 . . 24	6 . . 36	10 . . 12 . . 53	16 . . 9	11 . . 9	13
25 7	Dews	5 . . 26	6 . . 34	10 . . 25 . . 7		11 . . 53	14
26 G	12th. Sund. past Trin	5 . . 27	6 . . 33	11 . . 7 . . 17	rise	12 . . 37	15
27 2	rain end	5 . . 28	6 . . 32	11 . . 19 . . 21	7 . . 35	13 . . 21	16
28 3	St. Augustine	5 . . 29	6 . . 31	0 . . 1 . . 22	8 . . 4	14 . . 4	17
29 4	St. John behead.	5 . . 30	6 . . 30	0 . . 13 . . 23	8 . . 32	14 . . A7	18
30 5	the month	5 . . 32	6 . . 28	0 . . 25 . . 23	8 . . 58	15 . . 30	19
31 6	Days 12 . . 5A	5 . . 33	6 . . 27	1 . . 7 . . 29	9 . . 25	16 . . 13	20

1798 September : Ninth Month hath 30 Days

☽ h m		☽	☉	♄	♃	♂	♀	☿	☽'s
			Long.	♋	♉	♓	♌	♎	Lat.
Last ☾ 3..3..43 morn.		1	5..9..25	22	26	8	10	7	1 S.
New ☽ 10..2..14 morn.		7	5..15..15	23	26	6	17	11	5 N.
First ☽ 16..9..51 aft.		13	5..21..6	24	26	5	24	12	2 N.
Full ○ 24..9..7 aft.		19	5..26..57	24	26	4	♍ 2	12	4 S.
☊ {1, 11, 21} ♉ {29, 28, 28} deg.		25	6..2..50	24	26	4	9	7	2 S.

(Header above the planet columns: Planets Places)

M D	W D	Remarkable days Aspects weather &c	☉ rise	☉ set	☽'s Long.	☽ rise	☽ South	☽'s age
1	7	☿ great elong. ☌ ☽ ♃	5..34	6..26	1..19..42	9..58	17..1	21
2	G	13th. Sund past Trin.	5..35	6..25	2..2..6	10..39	17..52	22
3	2	Dog days end.	5..36	6..24	2..14..45	11..25	18..46	23
4	3	rain	5..38	6..22	2..27..45	12..18	19..42	24
5	4	Cassiopea South 1..36	5..39	6..21	3..11..7	13..17	20..40	25
6	5	Days decrease 2..4.	5..40	6..20	3..24..55	14..23	21..39	26
7	6	and wind	5..41	6..19	4..9..8	15..33	22..36	27
8	7	Nativity V. Mary	5..43	6..17	4..23..38	16..46	23..32	28
9	G	14th. Sund. past Trin.	5..44	6..16	5..8..35			29
10	2	flying	5..45	6..15	5..23..33	Sets	0..25	☽
11	3	pleiades rise 8..53	5..46	6..14	6..8..30	7..6	1..18	2
12	4	clouds	5..48	6..12	6..23..16	7..40	2..11	3
13	5	♀ rise 3..37	5..49	6..11	7..7..42	8..15	3..4	4
14	6	Days 12..20	5..50	6..10	7..21..47	8..53	3..57	5
15	7	warm	5..52	6..8	8..5..31	9..34	4..50	6
16	G	15th. Sund. past Trin. ✱ ☉ ♄	5..53	6..7	8..18..43	10..20	5..43	7
17	2	♃ Stationary	5..54	6..6	9..1..41	11..12	6..36	8
18	3	△ ☉ ♃	5..55	6..5	9..14..17	12..8	7..29	9
19	4	rain and wind,	5..56	6..4	9..26..45	13..8	8..22	10
20	5	pleasant	5..58	6..2	10..9..0	14..8	9..12	11
21	6	St. Matthew	5..59	6..1	10..21..7	15..8	9..58	12
22	7	☉ enters ♎	6..0	6..0	11..3..42	16..8	10..42	13
23	G	16th. Sund. past Trin.	6..2	5..58	11..15..15		11..23	14
24	2	weather	6..3	5..57	11..27..17	rise	12..5	15
25	3	Bulls eye rise 9..19	6..4	5..56	0..9..22	6..36	12..48	16
26	4	St. Cyprian	6..5	5..55	0..21..32	7..2	13..31	17
27	5	☌ ☉ ♀ Orient.	6..7	5..53	1..3..46	7..31	14..16	18
28	6	expects rain	6..8	5..52	1..16..4	8..5	15..4	19
29	7	☌ ☽ ♃. St. Michael	6..9	5..51	1..28..33	8..43	15..54	20
30	G	17th. Sund. past Trin.	6..11	5..49	2..11..11	9..29	16..48	21

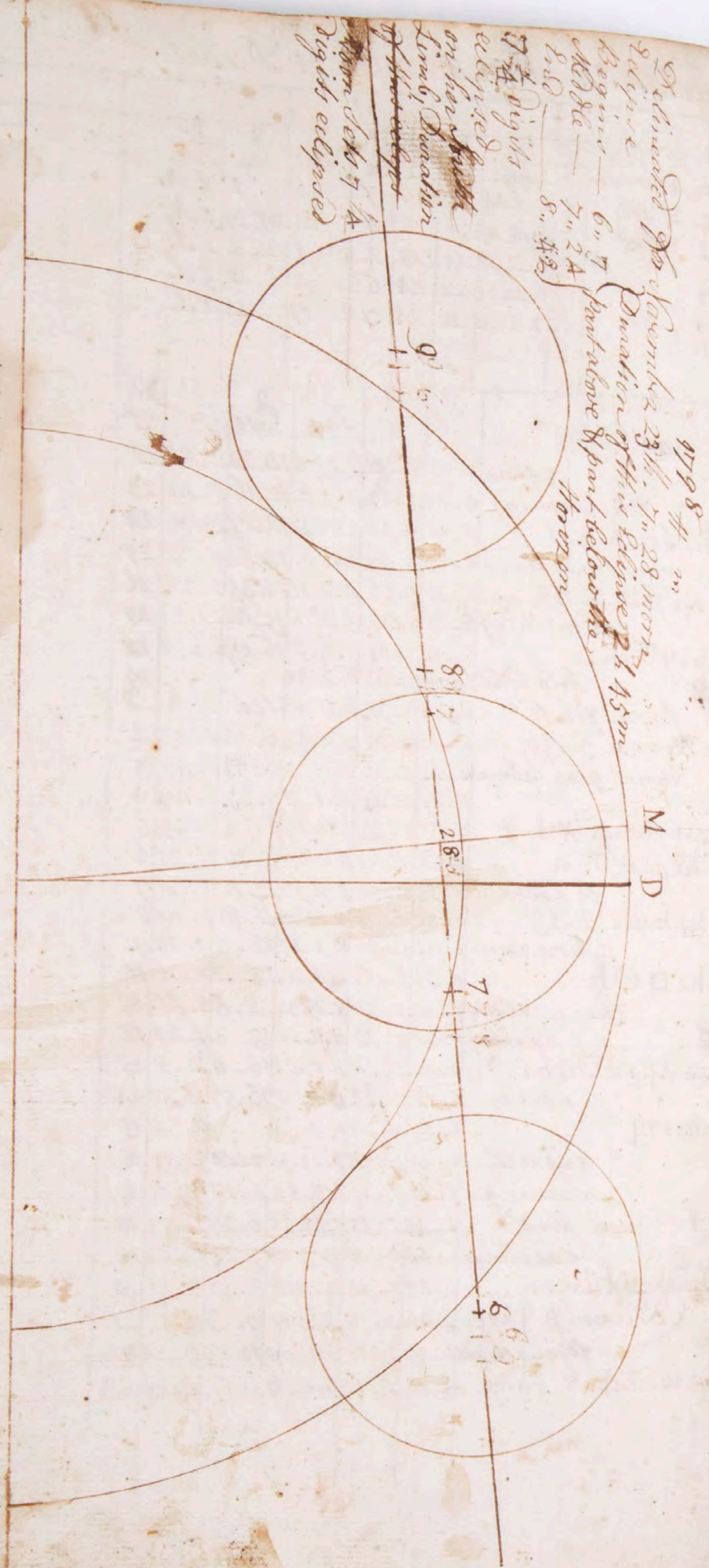
1798 October Tenth Month hath 31 Days—

	d	h	m	
Last ☾	2	4	28	aft.
New ☽	9	10	45	morn.
First ☽	16	0	25	aft.
Full ○	24	2	27	aft

☊ { 1 ♉ 27, 11 27, 21 26 } deg.

		Planet Places					
D	☉	♄	♃	♂	♀	☿	☽'s
	Long.	♋	♉	♓	♍	♎	Lat.
					16	1	2 N.
1	6..8..44	25	26	3	24	♍ 29	5 N.
7	6..14..40	25	26	4	♎ 1	♎ 2	2 S.
13	6..20..37	25	25	4	9	10	5 S.
19	6..26..35	26	24	6	17	20	1 S.
25	7..2..33	26	24	7			

M D	W D	Remarkable days Aspects weather &c.	☉ rise	☉ set	☽'s Long.	☽ rise	☽ South	☽'s age
1	2	Days 11..36 rain,	6..12	5..48	2..24..4	10..20	17..44	22
2	3	take warning	6..13	5..47	3..7..12	11..16	18..40	23
3	4	pleiades South 3..1	6..14	5..46	3..20..38	12..17	19..36	24
4	5	now comes the	6..15	5..45	4..4..27	13..24	20..32	25
5	6	Bulls eye rise 8..43	6..17	5..43	4..18..37	14..35	21..28	26
6	7	cool morning	6..18	5..42	5..3..6	15..46	22..22	27
7	G	18 Sund. past Trin.	6..19	5..41	5..17..52	16..57	23..14	28
8	2	△ ♃ ♀ and like	6..20	5..40	6..2..49			29
9	3	for a frost	6..22	5..38	6..17..46	sets	0..4	☽
10	4	Days decrease 3..30	6..23	5..37	7..2..32	6..14	0..57	2
11	5	let not your labour	6..24	5..36	7..17..3	6..53	1..53	3
12	6		6..25	5..35	8..1..8	7..37	2..49	4
13	7	☿ great elong. ✶ ♄ ♃	6..27	5..33	8..14..49	8..24	3..45	5
14	G	19th. Sund past Trin	6..28	5..32	8..28..3	9..16	4..41	6
15	2	be lost	6..29	5..31	9..10..52	10..12	5..35	7
16	3	pleiades South 2..13	6..30	5..30	9..23..23	11..10	6..27	8
17	4	now rain	6..32	5..28	10..5..37	12..9	7..15	9
18	5	St. Luke □ ☉ ♄	6..33	5..27	10..16..49	13..8	8..1	10
19	6	Clear weather	6..34	5..26	10..29..32	14..6	8..45	11
20	7	☌ ♀ ☿ again	6..35	5..25	11..11..27	15..3	9..27	12
21	G	20th. Sund. past Trin.	6..36	5..24	11..23..22	16..0	10..8	13
22	2	windy	6..38	5..22	0..5..18	16..57	10..50	14
23	3	☉ enters ♏	6..39	5..21	0..17..22		11..32	15
24	4	and cool	6..40	5..20	0..29..32	rise	12..17	16
25	5	morning	6..41	5..19	1..11..54	6..10	13..4	17
26	6	☌ ☽ ♃ and	6..42	5..18	1..24..28	6..47	13..53	18
27	7	evenings	6..44	5..16	2..7..12	7..29	14..46	19
28	G	21st. Sund past Trin.	6..45	5..15	2..20..8	8..18	15..41	20
29	2	St. Simon & Jude	6..46	5..14	3..3..17	9..13	16..37	21
30	3	flying clouds	6..47	5..13	3..16..40	10..13	17..34	22
31	4	Days 10..24 & rain	6..48	5..12	4..0..17	11..17	18..29	23



1798 November Eleventh Month hath 30 Days.

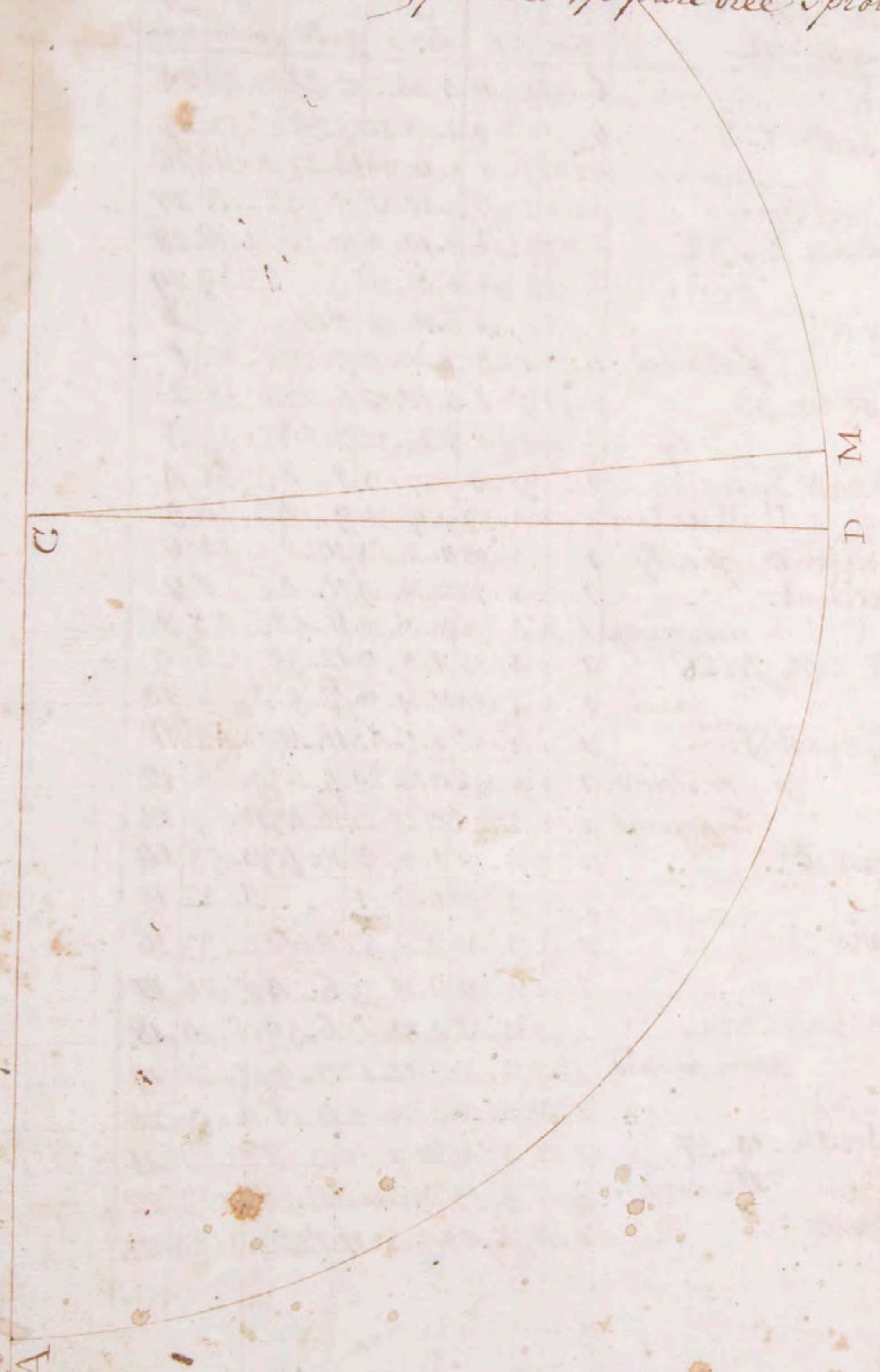
	d	h	m		☽	☉ Long.	♄ ♋	♃ ♉	♂ ♓	♀ ♎	☿ ♏	☽'s Lat.
Last ☾	1	2	13	morn.	1	7..9..34	26	23	10	25	1	5 N.
New ☽	7	8	46	aft.	7	7..15..36	26	22	11	♏ 3	11	1 N.
First ☽	15	4	20	morn.	13	7..21..39	26	21	13	10	21	5 S.
Full ○	23	7	28	morn.	19	7..27..41	26	21	17	18	♐ 0	3 S.
Last ☾	30	0	49	aft.	25	8..3..46	26	20	20	25	10	3 N.

☊ { 1 ♉ 26, 11 ♉ 25, 21 ♉ 25 } deg.

M D	W D	Remarkable days Aspects weather &c		☉ rise	☉ set	☽'s Long.	☽ rise	☽ South	☽'s age
1	5	All Saints	perhaps	6..49	5..11	4..14..12	12..24	19..24	24
2	6	pleiades South 1..8		6..51	5..9	4..28..22	13..35	20..17	25
3	7		snow or	6..52	5..8	5..12..46	14..47	21..10	26
4	G	22d. Sund. past Trin.		6..53	5..7	5..27..25	15..59	22..3	27
5	2	Days decrease 4..32		6..54	5..6	6..12..9	17..12	22..56	28
6	3		rain	6..55	5..5	6..26..56		23..49	29
7	4	☉ eclip invis.		6..56	5..4	7..11..39	set		☽
8	5		followed	6..57	5..3	7..26..5	5..30	0..42	1
9	6	Sirius rise 10..33		6..58	5..2	8..10..12	6..22	1..38	2
10	7		by	6..59	5..1	8..23..52	7..14	2..35	3
11	G	23d Sund. past Trin.		7..0	5..0	9..7..7	8..8	3..31	4
12	2	♄ Stationary	St. Martin	7..1	4..59	9..19..56	9..4	4..24	5
13	3	☍ ☉ ♃ Occident.	frosty	7..2	4..58	10..2..24	10..2	5..14	6
14	4	☌ ☉ ☿ Occident.		7..3	4..57	10..14..29	11..0	6..0	7
15	5		mornings	7..4	4..56	10..26..26	11..58	6..44	8
16	6	Spica ♍ rise 4..26		7..5	4..55	11..8..13	12..55	7..26	9
17	7		rain	7..6	4..54	11..19..56	13..52	8..6	10
18	G	24th. Sund. past Trin.		7..7	4..53	0..1..43	14..47	8..45	11
19	2		or snow	7..8	4..52	0..13..29	15..43	9..26	12
20	3		temperate	7..8	4..52	0..25..27	16..43	10..9	13
21	4	☉ enters ♐		7..9	4..51	1..7..38	17..43	10..53	14
22	5	☌ ☽ ♃,		7..10	4..50	1..20..1		11..42	15
23	6	☽ eclip. vis		7..11	4..49	2..2..43	rise	12..33	16
24	7			7..12	4..48	2..15..39	6..4	13..26	17
25	G	25th. Sund past Trin.		7..12	4..48	2..28..53	6..59	14..24	18
26	2		rain toward	7..13	4..47	3..12..22	7..57	15..20	19
27	3	Day 9..32		7..14	4..46	3..26..3	9..1	16..16	20
28	4	Algol South. 10..37		7..15	4..45	4..9..57	10..8	17..11	21
29	5		the end	7..15	4..45	4..24..1	11..16	18..3	22
30	6	St. Andrew.		7..16	4..44	5..8..17	12..25	18..54	23

1798 November 16. Between 8 and 9 O'clock, I saw a bur or [illegible]
Condensed particles of the Atmosphere of divers colours gathe[illegible]
round the moon, and that which was first and nearest to her Center appeared
white, the Second of an orange, the third blue, and the fourth ne[illegible]
nearly coloured like unto the rain bow, this Small circle was in
breadth, about Seven times the moons apparent Diameter
B B

1798 November 30th, planted 170 pare tree Sprouts



1798 December Twelfth Month hath 31 Days

	d	h	m	
New ☽	7	8	51	morn.
First ☽	15	0	33	morn.
Full ○	22	11	9	aft.
Last ☽	29	9	23	aft.

☊ { 1, 11, 21 } ♉ { 24, 23, 23 } deg.

Planets Places

D	☉ Long.	♄ ♋	♃ ♉	♂ ♓	♀ ♐	☿ ♐	☽'s Lat.
1	8..9..51	26	19	23	3	19	5 N.
7	8..15..56	25	18	26	10	28	2 S.
13	8..22..3	25	18	♈ 0	18	♑ 7	5 S.
19	8..28..9	24	17	3	25	16	1 S.
25	9..4..17	24	17	7	♑ 3	24	5 N.

M D	W D	Remarkable days Aspects weather &c	☉ rise	☉ set	☽'s Long	☽ rise	☽ South	☽'s age
1	7	procyon South 3..0	7..16	4..44	5..22..40	13..34	19..44	24
2	G	Advent Sund.	7..17	4..43	6..7..9	14..48	20..38	25
3	2	Snow	7..18	4..42	6..21..43	16..1	21..32	26
4	3	Day decrease 5..20	7..18	4..42	7..6..36	17..14	22..26	27
5	4	△ ♄ ♂ or rain	7..19	4..41	7..20..44	18..23	23..20	28
6	5	Nicholas	7..19	4..41	8..5..0			29
7	6	hard frosts	7..20	4..40	8..19..0	set	0..14	☽
8	7	Conception V. Mary	7..20	4..40	9..2..38	5..43	1..8	2
9	G	2d. Sund in Advent	7..20	4..40	9..15..52	6..43	2..2	3
10	2	cold and	7..21	4..39	9..28..44	7..43	2..56	4
11	3	pegasi Markab So. 5..40	7..21	4..39	10..11..11	8..43	3..46	5
12	4	windy,	7..21	4..39	10..23..22	9..43	4..32	6
13	5	pegasi Algenib So. 6..39	7..21	4..39	11..5..17	10..41	5..15	7
14	6	Snow or	7..22	4..38	11..16..59	11..38	5..55	8
15	7	rain	7..22	4..38	11..28..37	12..33	6..34	9
16	G	3d. Sund. in Advent	7..22	4..38	0..10..14	13..27	7..13	10
17	2	Sirius South 0..59	7..22	4..38	0..21..58	14..23	7..54	11
18	3	flying	7..22	4..38	1..3..50	15..21	8..37	12
19	4	☌ ☽ ♃ Clouds	7..22	4..38	1..15..55	16..21	9..22	13
20	5	with	7..22	4..38	1..28..20	17..21	10..11	14
21	6	☉ enters ♑ Short day	7..22	4..38	2..11..1		11..3	15
22	7	wind	7..22	4..38	2..24..5	rise	11..58	16
23	G	4th. Sund in Advent	7..22	4..38	3..7..29	5..31	12..55	17
24	2	very cold	7..22	4..38	3..21..18	6..33	13..51	18
25	3	Christmas Day	7..22	4..38	4..5..16	7..38	14..47	19
26	4	St. Stephen	7..22	4..38	4..19..27	8..46	15..41	20
27	5	St. John	7..22	4..38	5..3..48	9..56	16..33	21
28	6	Innocents	7..21	4..39	5..18..12	11..6	17..24	22
29	7	rain	7..21	4..39	6..2..39	12..17	18..15	23
30	G	1st. Sund. past Chris. or Snow	7..21	4..39	6..17..5	13..28	19..6	24
31	2	Silvester.	7..20	4..40	7..1..27	14..39	19..59	25

12 minutes of a mean [illegible] must be added to moons [illegible]

1799

January
New ☽ 5 .. 11 .. 13 aft.
Full ○ 21 .. 0 .. 52 aft.

1799
February
New ☽ 4 .. 3 .. 33 aft.
Full ○ 20 .. 0 .. 31 morn.

March
New ☽ 6 .. 9 .. 6 morn
Full ○ 21 .. 10 .. 21 morn

April
New ☽ 5 .. 2 .. 45 morn
Full ○ 19 .. 6 .. 50 aft.

May
New ☽ 4 .. 7 .. 18 aft.
Full ○ 19 .. 2 .. 43 morn

June
New ☽ 3 .. 3 .. 56 morn.
Full ○ 17 .. 4 .. 50 morn.

July
New ☽ 2 .. 10 .. 34 aft. r
Full ○ 16 .. 8 .. 10 aft. r

August
New ☽ 1 .. 9 .. 1 morn r
Full ○ 15 .. 7 .. 36 morn r
New ☽ 30 .. 6 .. 20 aft. r

September
Full ○ 13 .. 9 .. 41 aft. r
New ☽ 29 .. 3 .. 13 morn. r

October
Full ○ 13 .. 2 .. 20 aft
New ☽ 28 .. 0 .. 27 aft.

November
Full ○ 12 .. 8 .. 47 morn.
New ☽ 26 .. 10 .. 31 aft.

December
Full ○ 12 .. 3 .. 37 morn.
New ☽ 26 .. 9 .. 46 morn

1799	1799	
Long. med. ☉ s ° ′ 9 .. 10 .. 21	Long. Apog. s ° ′ 3 9 31	
Long. med. ☽ s ° ′ 6 .. 29 .. 6	Long. Apog. ☽ 0 .. 4 .. 48	Long. ☊ s ° ′ 1 .. 22 .. 35
Long. med. ♄ s ° ′ 3 .. 19 .. 45	Anomally ♄ s ° ′ 6 .. 19 .. 0	Node ♄ s ° ′ 3 .. 21 .. 35
Long. med. ♃ s ° ′ 1 .. 21 .. 56	Anomolly ♃ s ° 7 .. 10 .. 24	Node ♃ s ° 3 .. 8 .. 57
Long. med. ♂ s ° ′ 1 .. 11 .. 17	Anomally ♂ s ° ′ 8 .. 8 .. 48	Node ♂ s ° ′ 1 .. 18 .. 27
Long. med. ♀ s ° ′ 9 .. 10 .. 20	Anomaly ♀ s ° ′ 11 .. 2 .. 16	Node ♀ s ° ′ 2 .. 14 .. 49
Long. med. ☿ s ° ′ 1 .. 24 .. 25	Annomaly ☿ s ° ′ 5 .. 10 .. 15	Node ☿ s ° ′ 1 .. 16 .. 10

1799 January First Month hath 31 Days

d h m
New ☽ 5 .. 11 .. 13 aft.
First ☾ 13 .. 9 .. 26 aft.
Full ○ 21 .. 0 .. 52 aft.
Last ☾ 28 .. 5 .. 59 morn.

☊ { 1 ♉ 23, 11 ♉ 22, 21 ♉ 21 } deg.

		Planets Places					
☽	☉	♄	♃	♂	♀	☿	☽'s
	Long.	♋	♉	♈	♑	♑	Lat
1	s 9 .. 11 .. 24	23	16	11	12	29	1 N.
7	9 .. 17 .. 31	23	16	14	19	26	5 S.
13	9 .. 23 .. 38	22	16	18	27	19	3 S.
19	9 .. 29 .. 44	22	17	22	♒ 4	16	5 N.
25	10 .. 5 .. 50	21	17	25	12	13	4 N

M D	W D	Remarkable days Aspect weather &c	☉ rise	☉ set	☽'s Long.	☽ rise	☽ South	☽'s age
1	3	Circumcision □ ♂ ♀	7 .. 20	4 .. 40	7 .. 15 .. 48	15 .. 54	20 .. 54	26
2	4	Day increase 4 min	7 .. 20	4 .. 40	7 .. 29 .. 57	17 .. 4	21 .. 51	27
3	5	Sirius South 11 .. 43	7 .. 20	4 .. 40	8 .. 13 .. 56	18 .. 10	22 .. 47	28
4	6	cold	7 .. 19	4 .. 41	8 .. 27 .. 42	19 .. 10	23 .. 42	29
5	7	△ ☉ ♃, rain	7 .. 19	4 .. 41	9 .. 11 .. 11		☌	☽
6	F	Epiphany or	7 .. 18	4 .. 42	9 .. 24 .. 22	Set	0 .. 36	1
7	2	snow	7 .. 18	4 .. 42	10 .. 7 .. 12	6 .. 21	1 .. 28	2
8	3	pleiades South 8 .. 15	7 .. 17	4 .. 43	10 .. 19 .. 43	7 .. 21	2 .. 16	3
9	4	flying	7 .. 17	4 .. 43	11 .. 1 .. 56	8 .. 20	2 .. 58	4
10	5	Clouds	7 .. 16	4 .. 44	11 .. 13 .. 55	9 .. 18	3 .. 38	5
11	6	☌ ☉ ☿ Orient. ☍ ☉ ♄	7 .. 15	4 .. 45	11 .. 25 .. 43	10 .. 15	4 .. 19	6
12	7	with	7 .. 15	4 .. 45	0 .. 7 .. 24	11 .. 12	5 .. 1	7
13	F	Sund. after Epip.	7 .. 14	4 .. 46	0 .. 19 .. 2	12 .. 8	5 .. 43	8
14	2	wind	7 .. 13	4 .. 47	1 .. 0 .. 43	13 .. 4	6 .. 25	9
15	3	☌ ☽ ♃	7 .. 13	4 .. 47	1 .. 12 .. 31	14 .. 0	7 .. 7	10
16	4	and	7 .. 12	4 .. 48	1 .. 24 .. 33	15 .. 0	7 .. 52	11
17	5	snow	7 .. 11	4 .. 49	2 .. 6 .. 53	15 .. 59	8 .. 40	12
18	6	△ ♃ ☿	7 .. 10	4 .. 50	2 .. 19 .. 34	16 .. 55	9 .. 32	13
19	7	□ ♄ ♂	7 .. 10	4 .. 50	3 .. 2 .. 39	17 .. 49	10 .. 26	14
20	F	Septuagesima Sund. ☉ enter ♒	7 .. 9	4 .. 51	3 .. 16 .. 9		11 .. 23	15
21	2	cold	7 .. 8	4 .. 52	4 .. 0 .. 2	rise	12 .. 20	16
22	3	Bulls eye South 8 .. 4	7 .. 7	4 .. 53	4 .. 14 .. 18	6 .. 15	13 .. 16	17
23	4	westerly	7 .. 6	4 .. 54	4 .. 28 .. 46	7 .. 28	14 .. 11	18
24	5	Spica ♍ rise 11 .. 25	7 .. 5	4 .. 55	5 .. 13 .. 19	8 .. 41	15 .. 5	19
25	6	Convert St paul	7 .. 4	4 .. 56	5 .. 28 .. 3	9 .. 54	15 .. 58	20
26	7	days 9 .. 54	7 .. 3	4 .. 57	6 .. 12 .. 38	11 .. 7	16 .. 48	21
27	F	wind	7 .. 2	4 .. 58	6 .. 27 .. 5	12 .. 16	17 .. 38	22
28	2	pleades Set 2 .. 30 [crossed out] m.	7 .. 1	4 .. 59	7 .. 11 .. 23	13 .. 24	18 .. 31	23
29	3	rain or	7 .. 0	5 .. 0	7 .. 25 .. 28	14 .. 32	19 .. 28	24
30	4	♃ Set 1 .. 3 mo.	6 .. 59	5 .. 1	8 .. 9 .. 22	15 .. 40	20 .. 26	25
31	5	[crossed out] Occident; snow	6 .. 58	5 .. 2	8 .. 23 .. 2	16 .. 47	21 .. 24	26

12 minutes must be added to the Moon's semidiurnal ark in consideration to her orbit motion
for her setting by subtracted from rising

Venus commenced being Evening Star on the first day of June 1797 and appears to the naked eye about the 24th July being ~~about~~ about 16° east of the Sun

According to the Nautical Almanac, 1795 thes Epact was 9, and the Moons age on the first day of that year was 12 days.

1799 January	Long. ☉	1799 Anomaly ☉	Logarithm Dis. ☉ a ☊ in hypoth.
	s ° ′	s ° ′	
1	9 .. 11 .. 24	6 .. 1 .. 49	4.99264
7	9 .. 17 .. 31	6 .. 7 .. 44	4.99271
13	9 .. 23 .. 38	6 .. 13 .. 39	4.99286
19	9 .. 29 .. 44	6 .. 19 .. 34	4.99310
25	10 .. 5 .. 50	6 .. 25 .. 28	4.99335

1799 February	Long. ☉	Anomal ☉	Logarithm Dis. ☉ a ☊
	s ° ′	s ° ′	
1	10 .. 12 .. 56	7 .. 2 .. 22	4.99380
7	10 .. 19 .. 0	7 .. 8 .. 17	4.99426
13	10 .. 25 .. 4	7 .. 14 .. 12	4.99478
19	11 .. 1 .. 8	7 .. 20 .. 7	4.99535
25	11 .. 7 .. 10	7 .. 26 .. 2	4.99598

1799 March	Long. ☉	Anomal ☉	Logarithm Dis. ☉ a ☊
	s ° ′	s ° ′	
1	11 .. 11 .. 10	7 .. 29 .. 58	4.99643
7	11 .. 17 .. 10	8 .. 5 .. 53	4.99712
13	11 .. 23 .. 10	8 .. 11 .. 48	4.99785
19	11 .. 29 .. 7	8 .. 17 .. 43	4.99860
25	0 .. 5 .. 4	8 .. 23 .. 38	4.99936

1799 April	Long. ☉	Anomal ☉	Logarithm Dis. ☉ a ☊
	s ° ′	s ° ′	
1	0 .. 11 .. 43	9 .. 0 .. 32	5.00025
7	0 .. 17 .. 52	9 .. 6 .. 26	5.00088
13	0 .. 23 .. 44	9 .. 12 .. 21	5.00163
19	0 .. 29 .. 36	9 .. 18 .. 16	5.00235
25	1 .. 5 .. 27	9 .. 24 .. 11	5.00306

1799 May	Long. ☉	Anomal ☉	Logarithm Dis. ☉ a ☊
	s ° ′	s ° ′	
1	1 .. 11 .. 16	10 .. 0 .. 6	5.00372
7	1 .. 17 .. 4	10 .. 6 .. 1	5.00434
13	1 .. 22 .. 51	10 .. 11 .. 55	5.00492
19	1 .. 28 .. 37	10 .. 17 .. 50	5.00544
25	2 .. 4 .. 23	10 .. 23 .. 45	5.00590

1799 June	Long. ☉	Anomal ☉	Logarithm Dis. ☉ a ☊
	s ° ′	s ° ′	
1	2 .. 10 .. 5	11 .. 0 .. 39	5.00636
7	2 .. 16 .. 50	11 .. 6 .. 34	5.00668
13	2 .. 22 .. 34	11 .. 12 .. 29	5.00689
19	2 .. 28 .. 18	11 .. 18 .. 24	5.00708
25	3 .. 4 .. 1	11 .. 24 .. 18	5.00719

1799 July	Long. ☉	Anomal ☉	Logarithm Dis. ☉ a ☊
	s ° ′	s ° ′	
1	3 .. 9 .. 44	0 .. 0 .. 13	5.00723
7	3 .. 15 .. 27	0 .. 6 .. 8	5.00719
13	3 .. 21 .. 10	0 .. 12 .. 3	5.00708
19	3 .. 26 .. 54	0 .. 17 .. 58	5.00689
25	4 .. 2 .. 38	0 .. 23 .. 53	5.00663

1799 August	Long. ☉	Anomal ☉	Logarithm Dis. ☉ a ☊
	s ° ′	s ° ′	
1	4 .. 9 .. 20	1 .. 0 .. 47	5.00624
7	4 .. 15 .. 4	1 .. 6 .. 41	5.00583
13	4 .. 20 .. 50	1 .. 12 .. 36	5.00536
19	4 .. 26 .. 36	1 .. 18 .. 31	5.00483
25	5 .. 2 .. 25	1 .. 24 .. 26	5.00434

1799 September	Long. ☉	Anomal ☉	Logarithm Dis. ☉ a ☊
	s ° ′	s ° ′	
1	5 .. 9 .. 11	2 .. 1 .. 20	5.00361
7	5 .. 15 .. 1	2 .. 7 .. 15	5.00294
13	5 .. 20 .. 51	2 .. 13 .. 10	5.00224
19	5 .. 26 .. 42	2 .. 19 .. 4	5.00150
25	6 .. 2 .. 35	2 .. 24 .. 59	5.00075

1799 October	Long. ☉	Anomal ☉	Logarithm Dis. ☉ a ☊
	s ° ′	s ° ′	
1	6 .. 8 .. 29	3 .. 0 .. 54	4.99999
7	6 .. 14 .. 25	3 .. 6 .. 49	4.99923
13	6 .. 20 .. 22	3 .. 12 .. 44	4.99847
19	6 .. 26 .. 20	3 .. 18 .. 39	4.99772
25	7 .. 2 .. 18	3 .. 24 .. 33	4.99700

1799 November	Long. ☉	Anomal ☉	Logarithm Dis. ☉ a ☊
	s ° ′	s ° ′	
1	7 .. 9 .. 18	4 .. 1 .. 27	4.99631
7	7 .. 15 .. 20	4 .. 7 .. 22	4.99566
13	7 .. 21 .. 22	4 .. 13 .. 17	4.99506
19	7 .. 27 .. 26	4 .. 19 .. 12	4.99451
25	8 .. 3 .. 31	4 .. 25 .. 7	4.99402

1799 December	Long. ☉	Anomal ☉	Logarithm Dis. ☉ a ☊
	s ° ′	s ° ′	
1	8 .. 9 .. 36	5 .. 1 .. 8	4.99359
7	8 .. 15 .. 41	5 .. 6 .. 56	4.99324
13	8 .. 21 .. 48	5 .. 12 .. 51	4.99297
19	8 .. 27 .. 54	5 .. 18 .. 46	4.99278
25	9 .. 4 .. 2	5 .. 24 .. 41	4.99266

1799 February Second Month hath 28 Days—

New ☽ 4 .. 3 .. 33 h m aft.
First ☽ 12 .. 5 .. 18 aft.
Full ☉ 20 .. 0 .. 31 morn.
Last ☽ 26 .. 5 .. 8 aft.

☊ { 1 / 11 / 21 } ♉ { 21 / 20 / 20 } deg

Planets Places

☽	☉ Long.	♄ ♌	♃ ♉	♂ ♈	♀ ♒	☿ ♍	☽ Lat
1	10 .. 12 .. 56	21	17	28	21	17	4 S.
7	10 .. 19 .. 0	20	18	♉ 2	28	24	4 S.
13	10 .. 25 .. 4	20	18	7	♓ 6	♒ 1	1 N.
19	11 .. 1 .. 8	20	19	11	13	10	5 N.
25	11 .. 7 .. 10	19	20	15	21	18	0 N.

D	W D			☉ rise	☉ set	☽ Long.	☽ rise	☽ south	☽ age
1	6	☿ great elong. △ ♃ ♀		6 .. 57	5 .. 3	9 .. 6 .. 30	17 .. 43	22 .. 19	27
2	7	purification V. Mary		6 .. 56	5 .. 4	9 .. 19 .. 43	18 .. 31	23 .. 13	28
3	F	Quinqua. Sund.	Cloudy	6 .. 55	5 .. 5	10 .. 2 .. 42		23 .. 58	29
4	2		weather	6 .. 54	5 .. 6	10 .. 15 .. 26			☽
5	3	Shrove Tuesday	Snow	6 .. 53	5 .. 7	10 .. 27 .. 57	6 .. 3	0 .. 44	1
6	4	Ash wednesday □ ☉ ♃		6 .. 52	5 .. 8	11 .. 10 .. 13	7 .. 2	1 .. 28	2
7	5		pleasant	6 .. 51	5 .. 9	11 .. 22 .. 18	8 .. 1	2 .. 10	3
8	6	Days increase 1 .. 4	for	6 .. 50	5 .. 10	0 .. 4 .. 11	9 .. 0	2 .. 51	4
9	7		the	6 .. 49	5 .. 11	0 .. 15 .. 56	9 .. 57	3 .. 32	5
10	F		season	6 .. 48	5 .. 12	0 .. 27 .. 43	10 .. 53	4 .. 15	6
11	2	Pleiades Set 1 .. 22 mo.		6 .. 46	5 .. 14	1 .. 9 .. 31	11 .. 49	4 .. 59	7
12	3		high	6 .. 45	5 .. 15	1 .. 21 .. 23	12 .. 50	5 .. 47	8
13	4	* ♂ ♀	wind,	6 .. 44	5 .. 16	2 .. 3 .. 26	13 .. 51	6 .. 35	9
14	5	Valentine	rain	6 .. 43	5 .. 17	2 .. 15 .. 45	14 .. 47	7 .. 23	10
15	6	♃ Set 11 .. 59		6 .. 42	5 .. 18	2 .. 28 .. 25	15 .. 41	8 .. 17	11
16	7		or snow	6 .. 40	5 .. 20	3 .. 11 .. 28	16 .. 35	9 .. 13	12
17	F			6 .. 39	5 .. 21	3 .. 24 .. 58	17 .. 24	10 .. 9	13
18	2	Oenters ♓		6 .. 38	5 .. 22	4 .. 8 .. 56	18 .. 8	11 .. 5	14
19	3		flying	6 .. 36	5 .. 24	4 .. 23 .. 16		12 .. 1	15
20	4	Spica ☍ South 3 .. 3 mo.		6 .. 35	5 .. 25	5 .. 7 .. 56	rise	12 .. 57	16
21	5		clouds	6 .. 34	5 .. 26	5 .. 22 .. 45	7 .. 29	13 .. 51	17
22	6	* ♄ ♃	with	6 .. 33	5 .. 27	6 .. 7 .. 37	8 .. 39	14 .. 41	18
23	7		rain	6 .. 32	5 .. 28	6 .. 22 .. 29	9 .. 50	15 .. 31	19
24	F	St. Matthias		6 .. 31	5 .. 29	7 .. 6 .. 57	11 .. 0	16 .. 20	20
25	2		wind	6 .. 30	5 .. 30	7 .. 21 .. 15	12 .. 9	17 .. 18	21
26	3	Days increase 1 .. 18	and	6 .. 28	5 .. 32	8 .. 5 .. 14	13 .. 18	18 .. 16	22
27	4		snow	6 .. 27	5 .. 33	8 .. 18 .. 55	14 .. 25	19 .. 14	23
28	5	Pleiades Set 0 .. 16 morn.		6 .. 26	5 .. 34	9 .. 2 .. 17	15 .. 26	20 .. 13	24

Venus (♀) will be evening Star untill the 18th. Day of October, then morning Star untill the end of the year—

August 27th. 1797, Standing at my door I heard the discharge of a gun, and
4 or 5 Seconds of time ~~the~~ after the discharge, the Small Shot came ratling about
me, one or two of which Struck the house, which plainly demonstrates that
the Velocity of Sound as much greater than that of a Cannon Bullet

1798 February 4th I find in obtaining the Moons Southing we must Confine
her to the ecliptic ~~to~~ without regard to her Latitude, otherwise we shall
run foul

Common Notes and moveable feast for Year 1799

Dominical letter	F	Easter Sunday	March	24
Cycle of the Sun	16	Ascension Day	May	2
Golden Number	14	Whit. Sunday	May	12
Epact	23	Trinity Sund	May	19
Number of Direction	3	Advent Sunday	Decemb	1

Sunday after Trin. 27

1799. March third Month hath 31 Days

New ☽ 6..9..6 morn.
First ☾ 14..8..43 morn.
Full ○ 21..10..21 morn
Last ☾ 28..3..32 morn.

☊ { 1 ♉ 19, 11 ♉ 19, 21 ♉ 18 } deg.

☽	☉ Long.	♄	♃	♂	♀	☿	☽'s Lat
	s ° ′	♋	♉	♉	♓	♒	
1	11..11..10	19	20	17	26	25	4 S.
7	11..17..10	19	21	21	♈ 3	♓ 5	4 S.
13	11..23..10	19	22	25	11	15	2 N.
19	11..29..7	19	23	29	18	27	5 N.
25	0..5..4	19	24	♊ 3	25	♈ 8	1 S.

M D	W D		☉ rise	☉ set	☽'s Long.	☽ rise	☽ South	☽'s age
1	6	St. David	6..24	5..36	9..15..27	16..29	21..8	25
2	7	♄ South 8..29	6..23	5..37	9..28..24	17..3	22..0	26
3	F	Middle Lent Sund.	6..22	5..38	10..11..6	17..40	22..49	27
4	2	♃ Set 11..16	6..21	5..39	10..23..38	18..11	23..35	28
5	3	rain and	6..19	5..41	11..6..1			29
6	4	wind	6..17	5..43	11..18..15	Set	0..47	☽
7	5	☌♃♂	6..16	5..44	0..0..23	6..58	1..38	2
8	6	flying clouds	6..14	5..46	0..12..24	7..54	1..37	3
9	7	□☉♄	6..13	5..47	0..24..21	8..50	2..18	4
10	F	♄ Stationary	6..12	5..48	1..6..16	9..47	3..0	5
11	2	☌☽♃	6..11	5..49	1..18..13	10..44	3..45	6
12	3	moderate	6..9	5..51	2..0..14	11..44	4..33	7
13	4	Days 11..44	6..8	5..52	2..12..26	12..42	5..23	8
14	5	for the	6..7	5..53	2..24..52	13..39	6..16	9
15	6	Bulls eye Set. 11..38	6..6	5..54	3..7..34	14..34	7..11	10
16	7	season	6..4	5..56	3..20..38	15..27	8..8	11
17	F	St. patrick palm Sund.	6..3	5..57	4..4..7	16..12	9..5	12
18	2	rain and	6..2	5..58	4..18..3	16..51	9..59	13
19	3	✶☉♂ equal Day and Night	6..0	6..0	5..2..24	17..31	10..53	14
20	4	Day increase ☉ enter ♈	5..59	6..1	5..16..59		11..47	15
21	5	wind	5..58	6..2	6..2..0	rise	12..41	16
22	6	☌☉☿ Occident Good fryday	5..57	6..3	6..16..59	7..44	13..33	17
23	7		5..55	6..5	7..1..54	8..54	14..25	18
24	F	Easter Sund.	5..54	6..6	7..16..33	10..4	15..19	19
25	2	Easter Mond. Annun. V. M	5..53	6..7	8..0..54	11..14	16..15	20
26	3	Easter Tuesd.	5..52	6..8	8..14..54	12..24	17..13	21
27	4		5..50	6..10	8..28..29	13..26	18..13	22
28	5	Days increase 2..46	5..49	6..11	9..11..41	14..19	19..8	23
29	6	Cold	5..48	6..12	9..24..35	15..12	19..59	24
30	7	rain	5..46	6..14	10..7..14	15..44	20..49	25
31	F	1st Sund. past Easter	5..45	6..15	10..19..42	16..19	21..39	26

April 29th. 1798 Came two Black men with a gun in my inclose and discharged ~~the~~ a few perches from door, I being very unwell could not persue them to find who they were.

April Fourth Month hath 30 Days

New ☽ 5..2..45 morn.
First ☾ 12..10..40 aft.
Full ○ 19..6..50 aft.
Last ☾ 26..5..4 aft.

☊ 1 ♉ 18 deg. / 11 ♉ 17 deg. / 21 ♉ 17 deg.

Planets Places

☽	☉ Long.	♄ ♋	♃ ♉	♂ ♊	♀ ♉	☿ ♈	☽'s Lat.
1	0..11..43	20	26	7	4	23	5 S.
7	0..17..52	20	27	11	11	♉ 3	0 S.
13	0..23..44	21	29	15	19	13	5 N.
19	0..29..36	21	♊ 0	18	26	17	2 N.
25	1..5..27	21	1	22	♊ 3	22	5 S.

M.D.	W.D.		☉ rise	☉ set	☽'s Long.	☽ rise	☽ South	☽'s age
1	2	♃ Set 9..59	5..44	6..16	11..1..58	[illegible]	22..21	27
2	3	pleiades Set 10..12	5..43	6..17	11..14..10	[illegible]	23..16	28
3	4	expect rain	5..41	6..19	11..26..15	[illegible]	23..24	29
4	5	St. Ambrose	5..40	6..20	0..8..18		☌	30
5	6	Bulls eye Set 10..22	5..39	6..21	0..20..22	Set.	0..25	☽
6	7		5..38	6..22	1..2..27	7..45	1..[illegible]	2
7	F	2d Sund. past East.	5..36	6..24	1..14..34	8..44	1..46	3
8	2	☌ ☽ ♃	5..35	6..25	1..26..43	9..43	2..32	4
9	3	pleasant	5..34	6..26	2..9..0	10..41	3..22	5
10	4	□ ☉ ♄	5..33	6..27	2..21..25	11..38	4..16	6
11	5	weather	5..32	6..28	3..4..1	12..34	5..11	7
12	6	Sirius Set 10..16	5..30	6..30	3..16..53	13..25	6..6	8
13	7	flying clouds	5..29	6..31	4..0..4	14..12	7..1	9
14	F	3d Sund. past East.	5..28	6..32	4..13..34	14..56	7..56	10
15	2	wind	5..27	6..33	4..27..27	15..35	8..50	11
16	3	♄ Set 1..16 mor.	5..26	6..34	5..11..45	16..8	9..43	12
17	4	and rain	5..25	6..35	5..26..22	16..41	10..31	13
18	5	Days increase 3..58	5..23	6..37	6..11..15		11..26	14
19	6	♀ Set 8..53	5..22	6..38	6..26..14	rise	12..20	15
20	7	☉ enter ♉	5..21	6..39	7..11..11	8..8	13..16	16
21	F	4th Sund past East.	5..20	6..40	7..25..55	9..19	14..12	17
22	2	temperate	5..18	6..42	8..10..19	10..29	15..10	18
23	3	Spica ♍ South 11..11	5..17	6..43	8..24..19	11..32	16..9	19
24	4	weather	5..16	6..44	9..7..54	12..31	17..8	20
25	5	~~Arcturus South 11..53~~	5..15	6..45	9..21..1	13..20	18..[illegible]	21
26	6		5..14	6..46	10..3..48	14..1	18..54	22
27	7	rain / Procyon Set 11..27	5..13	6..47	10..16..15	14..35	19..39	23
28	F	Rogation Sund.	5..12	6..48	10..28..27	15..5	20..24	24
29	2	ends	5..11	6..49	11..10..29	15..32	21..5	25
30	3	this month / Days 13..40	5..10	6..50	11..22..29	15..57	21..47	26

1799 first Ec[illegible] is of the Sun May 4..7..18 P.M.
Second of the Sun Oct. 28..0..27 P.M.

Elements for an Eclipse of the ☉ May. 1799

True time of New Moon in May, 1799	d h m 4..7..18
Semidiameter of the Earth's disc	° ′ ″ –54..47
Sun's distance from the nearest Solst	45..50
Sun's declination North	16..1
Moon's Latitude South Ascending	0..6..55
Moon's horary motion from the Sun	0..27..59
Angle of the Moon's visible path with the Ecliptic	5..35
Sun's Semidiameter	0..16..4
Moon's Semidiameter	0..14..58
Semidiameter of the penumbra	0..31..2
Suns equated distance from ☊	s ° ′ ″ 11..28..40..37

Eclipses for the year 1799

First, of the Sun on the 4th. of may invisible at Baltimore & at 7h 18m P.M. the Sun will be centrally eclipsed on the Meredian 7h..27m P.M in Longitude 111¾ west from Baltimore and Latitude ~~[illegible]~~ 8°..31′ North

Of the Sun october the 28th, invisible at Baltimore & at 0h..24m P.M the Sun will be totally and centrally eclipsed on the meredian at 0h..14m P.M in Long. 3°..30′ west from Baltimore and Lat. 5°..12′ South

To obtain the Latitude of the above places I took the point where the path of the penumbra center intersected the Earth's axes and the center of the projection in my compass from the line of Sines, the Sector being first Set to the radius of the disc, that Subt. from the Sun's declination being of contrary names leaves the Latitude of the place where the Sun is centrally eclipsed, and the declination greatest

1799 May Fifth Month hath 31 Days

		Planets Places							
d h m	☽	☉	♄	♃	♂	♀	☿	☽'s	
New ☽ 4..7..18 aft.		Long.	♋	♊	♊	♊	♉	Lat.	
First ☾ 11..7..53 morn.	1	1..11..16	21	2	26	11	19	3 S.	
Full ○ 19..2..43 morn.	7	1..17..4	21	4	♋ 0	18	17	3 N.	
Last ☾ 26..6..4 morn.	13	1..22..51	22	5	4	25	14	5 N.	
☊ { 1 ♉ 16, 11 ♉ 16, 21 ♉ 15 } deg.	19	1..28..37	22	6	7	♋ 2	13	2 S.	
	25	2..4..23	23	8	11	9	13	5 S.	

M D	W D		☉ rise	☉ set	☽'s Long.	☽ rise	☽ south	☽'s age
1	4	philip and James	5..9	6..51	0..4..25	16..20	22..27	27
2	5	Ascension day	5..8	6..52	0..16..20	16..48	23..18	28
3	6	fine	5..7	6..53	0..28..21		23..50	29
4	7	♃ Set 8..34 ☉ eclip invis.	5..5	6..55	1..10..27	Set		☽
5	F	Sund past Ascen.	5..4	6..56	1..22..40	7..41	0..34	1
6	2	☌ ☽ ♃. showers	5..3	6..57	2..5..2	8..34	1..19	2
7	3	☌ ☉ ☿ orient	5..2	6..58	2..17..32	9..32	2..9	3
8	4	of rain	5..1	6..59	3..0..14	10..29	3..4	4
9	5	♀ Set 9..30	5..0	7..0	3..13..5	11..23	4..0	5
10	6	Days increase 4..46	4..59	7..1	3..26..13	12..13	4..58	6
11	7	Clear	4..58	7..2	4..9..34	12..58	5..55	7
12	F	WhitSunday	4..58	7..2	4..23..13	13..36	6..48	8
13	2	Whit Monday	4..57	7..3	5..7..9	14..11	7..40	9
14	3	Whit. Tuesday	4..56	7..4	5..21..23	14..44	8..31	10
15	4	and warm	4..55	7..5	6..5..54	15..16	9..23	11
16	5	Days 14..12	4..54	7..6	6..20..36	15..48	10..15	12
17	6		4..53	7..7	7..5..30	16..22	11..8	13
18	7	Arcturus South 10..24	4..52	7..8	7..20..22		12..2	14
19	F	Trinity Sund.	4..52	7..8	8..5..4	rise	12..58	15
20	2	rain	4..51	7..9	8..19..35	9..22	13..59	16
21	3	Spica ♍ South 9..22.	4..50	7..10	9..3..31	10..21	14..59	17
22	4	☉ enter ♊	4..49	7..11	9..17..2	11..15	15..56	18
23	5	Arietis rise 2..40 morn.	4..48	7..12	10..0..9	11..58	16..47	19
24	6	and wind	4..48	7..12	10..12..53	12..37	17..37	20
25	7	♀ Set. 9..55	4..47	7..13	10..25..16	13..9	18..24	21
26	F	1st. Sund. past Trin.	4..46	7..14	11..7..22	13..37	19..7	22
27	2	flying clouds	4..46	7..14	11..19..11	14..1	19..48	23
28	3	♄ Set 10..43	4..45	7..15	0..1..1	14..28	20..27	24
29	4	with rain	4..44	7..16	0..12..47	14..49	21..6	25
30	5	☌ ☉ ♃ orient	4..44	7..16	0..24..35	15..13	21..47	26
31	6	Lyra South 2..1 mor	4..43	7..17	1..6..28	15..41	22..29	27

May 4
1799 I find the Sun will be ^centrally^ eclipsed in Lat. So. 23° 31' it appears by adding that point where the center of penumbra intesects the axes of the disc, to the Suns declination, NB the Sector must be set to the radius of the to obtain this point.
☉ declination North 7..29 / 16..1 / 23..30

1799 June Sixth Month hath 30 Days

New ☽ 3..9..56 morn.
First ☽ 11..9..26 morn.
Full ○ 17..10..50 morn.
Last ☽ 24..10..14 aft.

☊ {1, 11, 21} ♉ {15, 14, 13} deg.

		Planets Places					
☽	☉	♄	♃	♂	♀	☿	☽'s
	Long.	♋	♊	♋	♋	♉	Lat.
1	2..11..5	23	10	16	17	17	0 N.
7	2..16..50	24	11	19	24	24	5 N.
13	2..22..34	25	12	23	♌ 1	♊ 1	1 N.
19	2..28..18	25	14	27	8	12	5 S.
25	3..4..0	26	15	♌ 1	15	23	3 S.

M D	W D			☉ rise	☉ set	☽'s Long.	☽ rise	☽ South	☽'s age
1	7	☿ great elong.		4..43	7..17	1..18..33	16..11	23..14	28
2	F	2d Sund. past Trin.		4..42	7..18	2..0..45			29
3	2	☌ ☽ ♃		4..42	7..18	2..13..12	Set.	0..4	☽
4	3		rain	4..41	7..19	2..25..54	8..18	0..55	2
5	4	♀ Set. 10..1		4..41	7..19	3..8..50	9..11	1..48	3
6	5		and thunder	4..41	7..19	3..22..2	10..4	2..45	4
7	6	* ♀ ☿ ☌ ♄ ♀		4..40	7..20	4..5..26	10..50	3..43	5
8	7	☌ ♄ ♀, * ♀ ☿		4..40	7..20	4..18..54	11..30	4..38	6
9	F	3d Sund. past Trin.		4..40	7..20	5..2..54	12..4	5..30	7
10	2		pleasant	4..39	7..21	5..16..58	12..36	6..19	8
11	3	St. Barnabas 1..7 morn.		4..39	7..21	6..1..15	13..6	7..6	9
12	4		weather	4..39	7..21	6..15..42	13..35	7..55	10
13	5	Lyra South 1..7 morn.		4..39	7..21	7..0..15	14..6	8..47	11
14	6		thunder gusts	4..39	7..21	7..14..54	14..45	9..41	12
15	7	Days increase 5..28		4..38	7..22	7..29..29	15..28	10..39	13
16	F	4th Sund. past Trin		4..38	7..22	8..14..4	......	11..39	14
17	2	St. Alban		4..38	7..22	8..28..20	rise	12..41	15
18	3		and rain	4..38	7..22	9..12..18	9..5	13..42	16
19	4	Arcturus South 8..13		4..38	7..22	9..25..51	9..55	14..40	17
20	5		very	4..38	7..22	10..9..2	10..35	15..32	18
21	6	☉ enter ♋ Longes Day		4..38	7..22	10..21..46	11..6	16..18	19
22	7		warm	4..38	7..22	11..4..8	11..34	17..0	20
23	F	5th Sund. past Trin.		4..38	7..22	11..16..12	12..1	17..41	21
24	2	St. John	followed by	4..38	7..22	11..28..1	12..22	18..19	22
25	3		thunder	4..38	7..22	0..9..44	12..45	18..58	23
26	4	pegasi Markab rise 9..46		4..38	7..22	0..21..22	13..10	19..37	24
27	5	pegasi Algenib rise 10..50		4..38	7..22	1..3..1	13..35	20..17	25
28	6		and rain	4..38	7..22	1..14..49	14..4	21..0	26
29	7	St. peter and paul		4..39	7..21	1..26..46	14..39	21..56	27
30	F	6th Sund. past Trin. ☌ ☽ ♃,		4..39	7..21	2..8..59	15..24	22..43	28

1799 July Seventh Month hath 31 Days

	d	h	m	
New ☽	2	10	34	aft.
First ☽	9	10	17	aft.
Full ○	16	8	10	aft.
Last ☽	24	3	22	aft.

☊ { 1, 11, 21 } ♉ { 13, 12, 12 } deg.

Planets Places.

☽	☉ Long.	♄	♃	♂	♀	☿	☽'s Lat.
		♋	♊	♌	♌	♋	
1	3..9..44	27	16	4	22	6	3 N.
7	3..15..27	28	18	8	29	19	5 N.
13	3..21..10	28	19	12	♍ 5	♌ 0	2 S.
19	3..26..54	29	20	16	12	12	5 S.
25	4..2..38	♌ 0	21	20	1[illegible]	23	0.

Years of Christ	Moon's Long. s ° ′	Moon's Anom. s ° ′	Moon's Node s ° ′
1806	1..15..9	3..25..32	9..7..8
1807	5..27..21	6..27..4	8..17..48
1808	10..3..55	9..22..59	7..28..29
1809	2..26..29	1..4..46	7..9..6
1810	7..5..52	4..3..29	6..19..46
1811	11..15..15	7..2..12	6..0..27
1812	3..24..38	10..0..55	5..11..7
1813	7..17..12	1..12..42	4..21..44
1814	0..26..35	4..11..26	4..2..24
1815	5..5..58	7..10..9	3..13..5
1816	9..15..21	10..8..52	2..23..45
1817	2..7..55	1..20..39	2..4..22
1818	6..17..18	4..19..22	1..15..2
1819	10..26..41	7..18..6	0..25..42
1820	3..19..4	10..16..49	0..6..23

									☽'s age
									29
									☽
									1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20
									21
									22
									23
									24
									25
28	F	10th Sund. past Trin. ☌ ☽ ♃,							
29	2			4..56	7..4	[illegible]	[illegible]	21..2[illegible]	26
			and rain	4..57	7..3	2..29..55	14..51	22..16	27
30	3	Dog days begin.		4..58	7..2	3..12..43	15..52	23..15	28
31	4	Days 14..2		4..59	7..1	3..25..56		☌	29

Aug. The long marks are barrels Cyder for Bob

for Barton & Samson

1799 July Seventh Month hath 31 Days

	d	h	m	
New ☽	2..	10..	34	aft.
First ☽	9..	10..	17	aft.
Full ○	16..	8..	10	aft.
Last ☽	24..	3..	22	aft.

☊ { 1 ♉ 13 ; 11 ♉ 12 ; 21 ♉ 12 } deg.

Planets Places.

D	☉ Long.	♄	♃	♂	♀	☿	☽'s Lat.
		♋	♊	♌	♌	♋	
1	3..9..44	27	16	4	22	6	3 N.
7	3..15..27	28	18	8	29	19	5 N.
13	3..21..10	28	19	12	♍ 5	♌ 0	2 S.
19	3..26..54	29	20	16	12	12	5 S.
25	4..2..38	♌ 0	21	20	18	23	0.

M D	W D		☉ rise	☉ set	☽'s Long.	☽ rise	☽ South	☽'s age
1	2	♀ Set 9..45	4..39	7..21	2..22..26		23..36	29
2	3	Visitation V. Mary	4..40	7..20	3..4..16	Set	☌	☽
3	4	thunder gusts	4..40	7..20	3..17..22	8..2	0..31	1
4	5	Translation St. Martin	4..40	7..20	4..0..48	8..49	1..26	2
5	6	☌ ☉ ♀ Occident.	4..41	7..19	4..14..31	9..30	2..22	3
6	7	and rain	4..41	7..19	4..28..26	10..8	3..15	4
7	F	7th Sund. past Trin	4..42	7..18	5..12..29	10..42	4..6	5
8	2	hot	4..42	7..18	5..26..48	11..10	4..55	6
9	3	Lyra South..11..15	4..43	7..17	6..11..10	11..42	5..43	7
10	4	and Sultry	4..43	7..17	6..25..36	12..12	6..32	8
11	5	Spica ♍ Set 11..18	4..44	7..16	7..10..2	12..46	7..26	9
12	6		4..44	7..16	7..24..30	13..26	8..21	10
13	7	Days decrease 14 min	4..45	7..15	8..8..53	14..12	9..19	11
14	F	8th. Sund. past Trin	4..45	7..15	8..23..10	15..9	10..20	12
15	2	wind and	4..46	7..14	9..7..13		11..21	13
16	3	pegasi Markab rise 8..24	4..47	7..13	9..21..1	rise	12..20	14
17	4	rain	4..47	7..13	10..4..29	8..22	13..15	15
18	5	pegasi Algenib. rise 9..24	4..48	7..12	10..17..36	8..58	14..4	16
19	6	flying	4..49	7..11	11..0..22	9..31	14..50	17
20	7	Margaret clouds	4..49	7..11	11..12..46	9..59	15..35	18
21	F	9th Sund. past Trin	4..50	7..10	11..24..53	10..22	16..14	19
22	2	Magdelene ☉ enters ♌	4..51	7..9	0..6..45	10..43	16..53	20
23	3	with thunder	4..52	7..8	0..18..27	11..8	17..32	21
24	4	gusts	4..53	7..7	1..0..4	11..33	18..11	22
25	5	St. James	4..54	7..6	1..11..41	12..2	18..54	23
26	6	St. Anne	4..54	7..6	1..23..25	12..33	19..40	24
27	7	wind	4..55	7..5	2..5..17	13..15	20..30	25
28	F	10th Sund. past Trin ☌ ☽ ♃,	4..56	7..4	2..17..26	13..58	21..21	26
29	2	and rain	4..57	7..3	2..29..55	14..51	22..16	27
30	3	Dog days begin.	4..58	7..2	3..12..43	15..52	23..15	28
31	4	Days 14..2	4..59	7..1	3..25..56		☌	29

1799 August Eighth Month hath 31 Days.

	h	m	
New ☽	1	9	1 morn.
First	2	8	3 51 morn.
Full ☉	15	7	36 morn.
Last	2	23	6 30 morn.
New ☽	30	6	20 aft.

☌ { 1 11 / 11 10 } ☿ deg.

Planets Places

☽	☉	♄	♃	♂	♀	☿	☽
	Longi.	♌	♊	♌	♍	♍	Lat.
1	4-9-20	1	23	24	25	3	5 N.
7	4-15-4	2	24	28	♎ 1	11	0 N.
13	4-20-50	2	25	♍ 2	7	18	5 S.
19	4-26-36	3	26	5	12	22	2 S.
25	5-2-25	4	27	9	17	27	4 N.

☽	♍	Remarkable days aspects weather &c.	☉ rise	☉ set	☽ Longi.	☽ Set	☽ South	☽ age
1	5	Lammas Day	5 .. 0	7 .. 0	4-9-22	Set	0 .. 10	☽
2	6	Days decrease 46 min.	5 .. 1	6 .. 59	4-23-27	7 .. 49	1 .. 1	2
3	7	expect rain	5 .. 2	6 .. 58	5-7-40	8 .. 24	1 .. 53	3
4	F	11th Sund. past Trin.	5 .. 3	6 .. 57	5-21-40	8 .. 58	2 .. 45	4
5	2	hot	5 .. 4	6 .. 56	6 .. 6 .. 33	9 .. 31	3 .. 37	5
6	3	and Sultry	5 .. 5	6 .. 55	6-21-3	10 .. 3	4 .. 29	6
7	4	☿ Set. 8 .. 55	5 .. 6	6 .. 54	7-5-32	10 .. 34	5 .. 21	7
8	5	with	5 .. 7	6 .. 53	7-19-56	11 .. 10	6 .. 13	8
9	6	Thunder	5 .. 8	6 .. 52	8-4-14	11 .. 52	7 .. 7	9
10	7	St. Laurence	5 .. 9	6 .. 51	8-18-24	12 .. 43	8 .. 6	10
11	F	12th Sund. past Trin.	5 .. 10	6 .. 50	9-2-20	13 .. 43	9 .. 8	11
12	2	and	5 .. 11	6 .. 49	9-16 .. 8	14 .. 46	10 .. 8	12
13	3	☿ great elong. ♄ great elong	5 .. 12	6 .. 48	9-29-40	15 .. 54	11 .. 5	13
14	4	rain	5 .. 13	6 .. 47	10-12-59		11 .. 57	14
15	5	Lyra South 8 .. 50	5 .. 14	6 .. 46	10-26 .. 0	rise	12 .. 45	15
16	6	Spica ♍ Set. 8 .. 57	5 .. 15	6 .. 45	11-8-41	7 .. 59	13 .. 32	16
17	7	great	5 .. 16	6 .. 44	11-21 .. 8	8 .. 26	14 .. 13	17
18	F	13th Sund. past Trin	5 .. 18	6 .. 42	0 .. 3 .. 19	8 .. 51	14 .. 54	18
19	2	dews	5 .. 19	6 .. 41	0-15 .. 16	9 .. 15	15 .. 33	19
20	3	Pegasi Markab South 0 .. 56 morn	5 .. 20	6 .. 40	0-27 .. 2	9 .. 39	16 .. 13	20
21	4	warm	5 .. 21	6 .. 39	1 .. 8 .. 46	10 .. 4	16 .. 55	21
22	5	wind	5 .. 22	6 .. 38	1 .. 20 .. 27	10 .. 36	17 .. 39	22
23	6	☉ enters ♍	5 .. 23	6 .. 37	2 .. 2 .. 11	11 .. 12	18 .. 27	23
24	7	St. Bartholomew	5 .. 24	6 .. 36	2 .. 14 .. 7	11 .. 54	19 .. 17	24
25	F	14th Sund. past Trin. ☌ ☽ ♅,	5 .. 26	6 .. 34	2-26 .. 10	12 .. 48	20 .. 11	25
26	2	followed	5 .. 27	6 .. 33	3 .. 8 .. 37	13 .. 45	21 .. 8	26
27	3	by	5 .. 28	6 .. 32	3-21 .. 26	14 .. 45	22 .. 3	27
28	4	St. Augustine	5 .. 29	6 .. 31	4 .. 4 .. 39	15 .. 51	22 .. 58	28
29	5	St. John beheaded.	5 .. 30	6 .. 30	4-18 .. 19		23 .. 52	29
30	6							
31	7	Days 12 .. 54	5 .. 32	6 .. 28	5 .. 2 .. 21	Set.	☌	☽
		rain	5 .. 33	6 .. 27	5-16-46	7 .. 13	0 .. 44	1

1799 September Ninth Month hath 30 Days

	d	h	m	
First	2	6	0	noon
Full ○	13	9	41	aft.
Last ☾	21	11	13	aft.
New ☽	29	3	13	mom.

♍ { 1 / 11 / 21 } ♂ { 10 / 9 / 9 } deg.

Planets Places

	☽	☉	♄	♃	♂	♀	☿	☽ ☍
		Long.	♌	♊	♍	♎	♍	Lat
	1	5..9..11	5	28	14	22	26	3 N.
	7	5..15..1	5	29	18	26	21	4 S.
	13	5..20..51	6	29	21	29	16	4 S.
	19	5..26..42	7	♎ 0	25	♍ 1	15	2 N.
	25	6..2..35	7	1	29	2	15	5 N.

	W D	Remarkable days aspects weather &c.	☉ rise	☉ set	☽ ☍ Long.	☽ set	☽ South.	☽ ☍ age
1	F	15th Sund. past Trin.	5..34	6..26	6..1..23	7..43	1..32	2
2	2	rain	5..35	6..25	6..16..9	8..13	2..21	3
3	3	Dog days end.	5..36	6..24	7..0..52	8..44	3..12	4
4	4	and	5..38	6..22	7..15..27	9..22	4..7	5
5	5	♃ rise 11..35	5..39	6..21	7..29..53	10..5	5..4	6
6	6	wind	5..40	6..20	8..14..4	10..54	6..3	7
7	7	♀ Set 7..57	5..41	6..19	8..28..0	11..51	7..4	8
8	F	16th Sund. past Trin. Nativity	5..43	6..17	9..11..42	12..54	8..5	9
9	2	V. Mary	5..44	6..16	9..25..11	13..59	9..2	10
10	3	pleasant	5..45	6..15	10..8..26	15..4	9..55	11
11	4	☌ ☉ ☿ Orient.	5..46	6..14	10..21..28	16..5	10..45	12
12	5	and temperate,	5..48	6..12	11..4..16		11..32	13
13	6	△ ♃ ♀, ☌ ☉ ♂	5..49	6..11	11..16..52	rise	12..16	14
14	7	cool rain	5..50	6..10	11..29..16	6..45	12..57	15
15	F	17th Sund past Trin.	5..52	6..8	0..11..29	7..11	13..36	16
16	2	Days decrease 2..30	5..53	6..7	0..23..32	7..35	14..18	17
17	3	great	5..54	6..6	1..5..27	8..0	15..0	18
18	4	☌ ☉ ♂ Occident.	5..55	6..5	1..17..17	8..32	15..44	19
19	5	Pegasi Markab South 11..8	5..56	6..4	1..29..6	9..8	16..31	20
20	6	Dews	5..58	6..2	2..10..59	9..50	17..21	21
21	7	St. Matthew	5..59	6..1	2..22..57	10..39	18..14	22
22	F	18th Sund. past Trin. = day & night	6..0	6..0	3..5..10	11..33	19..8	23
23	2	☉ ent. ♎	6..2	5..58	3..17..36	12..32	20..3	24
24	3	pleiades rise 8..6	6..3	5..57	4..0..26	13..34	20..57	25
25	4	followed	6..4	5..56	4..13..38	14..39	21..51	26
26	5	St. Cyprian	6..5	5..55	4..27..18	15..47	22..44	27
27	6	Bulls eye rise 9..12	6..7	5..53	5..11..23	16..58	23..38	28
28	7	by rain	6..8	5..52	5..25..51		☾	29
29	F	19th Sund. past Trin. St. Michael	6..9	5..51	6..10..38	set.	0..28	☽
30	2	Days 11..38	6..11	5..49	6..25..31	6..50	1..12	2

True time of New Moon in October 1799 — ☽ h m 28 .. 0 .. 24

	°	′	″
Semidiameter of the Earth's disc	0	60	45
Sun's distance from nearest Solstice	55	0	0
Sun's declination South.	13	12	0
Moon's Latitude North descending	0	7	30
Moon's horary motion from the Sun	0	35	6
Angle Moon's visible path with Ecliptic	5	35	0
Sun semidiamer	0	16	13
Moon's Semidiameter	0	16	39
Semidiameter of the penumbra	0	32	52

Suns Equated dis. from ☌ ☉ 5 .. 28 .. 35 .. 39

1799 October Tenth Month hath 31 Days

First ☽ d 5 .. h 8 .. m 27 aft.
Full ☉ 13 .. 2 .. 20 aft.
Last ☽ 21 .. 2 .. 49 aft.
New ☽ 28 .. 0 .. 24 aft.

☌ ☉ 1 11 21 ☿ 8 8 7 deg.

Planets Places

☽	☉ Long.	♄	♃	♂	♀	☿	☽ Lat
1	6 .. 8 .. 29	8	1	3	♎ 1	℞ 23	0 S.
7	6 .. 14 .. 25	8	1	7	0	♎ 1	5 S.
13	6 .. 20 .. 22	9	1	11	♎ 27	12	2 S.
19	6 .. 26 .. 20	9	1	15	23	22	4 N.
25	7 .. 2 .. 18	9	1	19	20	♏ 2	4 N.

☽	Wk ☽		☉ rise	☉ set	☽ Long.	☽ set	☽ south	☽ age
1	3	✶☉♄ △♃♀	6 .. 12	5 .. 48	7 .. 10 .. 26	7 .. 26	2 .. 6	3
2	4	♃ Stationary	6 .. 13	5 .. 47	7 .. 25 .. 10	8 .. 8	3 .. 3	4
3	5	♀ Set 6 .. 34	6 .. 14	5 .. 46	8 .. 9 .. 39	8 .. 54	4 .. 1	5
4	6	Days decrease 3 .. 14	6 .. 15	5 .. 45	8 .. 23 .. 50	9 .. 50	5 .. 2	6
5	7	expect rain	6 .. 17	5 .. 43	9 .. 7 .. 40	10 .. 52	6 .. 3	7
6	F	20th Sund. past Trin	6 .. 18	5 .. 42	9 .. 21 .. 11	11 .. 55	7 .. 2	8
7	2	□ ♃♀	6 .. 19	5 .. 41	10 .. 4 .. 22	13 .. 1	7 .. 56	9
8	3	✶♄♂	6 .. 20	5 .. 40	10 .. 17 .. 19	14 .. 3	8 .. 47	10
9	4	white frost	6 .. 22	5 .. 38	11 .. 0 .. 4	15 .. 6	9 .. 34	11
10	5	♃ rise 10 .. 36	6 .. 23	5 .. 37	11 .. 12 .. 36	16 .. 8	10 .. 20	12
11	6	pleiades South 2 .. 31 morn.	6 .. 24	5 .. 36	11 .. 25 .. 0	17 .. 8	11 .. 2	13
12	7	cool	6 .. 25	5 .. 35	0 .. 7 .. 18		11 .. 43	14
13	F	21st Sund. past Trin.	6 .. 27	5 .. 33	0 .. 19 .. 29	rise	12 .. 24	15
14	2	Bulls eye rise 8 .. 10	6 .. 28	5 .. 32	1 .. 1 .. 32	6 .. 15	13 .. 6	16
15	3	mornings	6 .. 29	5 .. 31	1 .. 13 .. 35	6 .. 45	13 .. 49	17
16	4	♀ retrograde	6 .. 30	5 .. 30	1 .. 25 .. 36	7 .. 17	14 .. 36	18
17	5	rain	6 .. 32	5 .. 28	2 .. 7 .. 37	7 .. 54	15 .. 25	19
18	6	St. Luke	6 .. 33	5 .. 27	2 .. 19 .. 42	8 .. 41	16 .. 16	20
19	7	☌♀♀, ☽♃,	6 .. 34	5 .. 26	3 .. 1 .. 52	9 .. 34	17 .. 11	21
20	F	22nd. Sund. past Trin	6 .. 35	5 .. 25	3 .. 14 .. 13	10 .. 30	18 .. 5	22
21	2	pegasi Algenib South. 10 .. 18	6 .. 36	5 .. 24	3 .. 26 .. 48	11 .. 31	18 .. 58	23
22	3	frosts	6 .. 38	5 .. 22	4 .. 9 .. 40	12 .. 35	19 .. 50	24
23	4	☉ enter ♏	6 .. 39	5 .. 21	4 .. 22 .. 55	13 .. 42	20 .. 42	25
24	5	△☉♃	6 .. 40	5 .. 20	5 .. 6 .. 33	14 .. 50	21 .. 33	26
25	6	☌☉♆ Occident.	6 .. 41	5 .. 19	5 .. 20 .. 38	15 .. 57	22 .. 22	27
26	7	cold	6 .. 42	5 .. 18	6 .. 5 .. 5	17 .. 7	23 .. 12	28
27	F	23d Sund. past Trin.	6 .. 44	5 .. 16	6 .. 19 .. 50		0	29
28	2	St. Simon & Jude ☉ eclip. invis.	6 .. 45	5 .. 15	7 .. 4 .. 48	Set	0 .. 5	☽
29	3	rain	6 .. 46	5 .. 14	7 .. 19 .. 47	6 .. 8	0 .. 59	1
30	4	Pegasi Markab South. 8 .. 26	6 .. 47	5 .. 13	8 .. 4 .. 39	6 .. 51	1 .. 54	2
31	5	Days 10 .. 24	6 .. 48	5 .. 12	8 .. 19 .. 12	7 .. 44	2 .. 55	3

1798 Dec.r 29 } Jonathan Ellicott Elias Ellicott and John Ellicott in acct with Benjamin Banneker
by Cash Receiv'd of them ~~[illegible]~~ in part pay
~~To Cash paid for signed a Deed~~

Date	Entry	£ s d
1799 January 12	by an Almanac	£0..1..10½
January 15	by pork to value of	0..6..11
	previous to the above Dec.r 22 1798	0..3..4
	By 9½ lb pork at 6d ~~p lb~~	
Feb. 27	by 1 Bushel of Corn	0..4..9
March 8	by 5 yards Sheeting a 4s p y.d	0..4..6
	by 6 Skeins thread a 1d	1..0..0
	by 7¼ lb pork a 9d	0..0..6
	by ½ gallon Molasses a 5..4	0..5..5½
March 19	by a Bushel of Corn	0..2..8
		2..4..0
April 1	by 7¼ lb pork a 9d ~~p lb~~	0..4..6
	half pound Tobacco at 2s ~~p lb~~	0..5..5¼
April 6	by a Bushel of Corn	0..1..0
April 13	by 7½ lb pork a 9d ~~p lb~~	0..4..6
	½ gallon molasses a 5/4 p gal	0..5..7½
		0..2..8
		3..7..9
April 30	by 6 lb pork a 13d ~~p lb~~	0..6..6
	½ gallon molasses a 5/4 p gallon	0..2..8
May 6	by a Bushel of Corn	0..5..0
May 17	by 4½ lb pork a 1s ~~p lb~~	4..1..11
	by ½ gallon molasses a 5/4 p gal	0..4..6
		0..2..8
May 31	by 6½ lb pork a 1s p lb	0..6..6
June 1	by ½ Bushel of Corn a 5s p Bus	0..2..6
June 12	by a Bushel D.o a 5/6	0..5..6
July 1	By a paper of Ink powder	0..1..0
July 12	By a Bushel of Corn a 5s	0..5..0
		5..9..7
Aug.t 9	By 1¾ nankeen at 2s p y.d	0..3..6
	1½ yards Muslin at 2/2	0..3..3
	Twist thread and moulds	0..1..4½
	pork	0..3..3
	a pair of Stokings	0..7..6
		6..8..5½
Cash of George Ellicott £0r 12..0		
Aug.t 13	By ¼ lb Gun powder	0..7..6
Sept.	paid the taylor for making my Jacket	
Sept. 21	By 9 lb pork a 11d ~~p lb~~	0..8..3
19	By ¼ lb powder and 1 lb Shot	0..2..8½
		7..6..11½
~~[illegible] 6~~	~~By 6 lb pork~~	
Nov.r		1..10..0
	Dec.r 4 Reced of Elias Ellicott 4 dollars	8..16..1½
Nov. 9	the value of	3..3..10½
		12..0..0

the above is the Second payment

1799 November Eleventh Month hath 30 Days

	d	h	m
First ☽ 2	4	7	40 morn
Full ☉ 12	8	47	morn
Last ☽ 20	3	8	morn.
New ☽ 26	10	31	aft.

☿ { 1, 11, 21 } ♉ { 6, 6, 5 } deg.

Planets Places

D	☉	♄	♃	♂	♀	☿	☽'s
	Long.	♌	♋	♎	♎	♏	Lat.
1	7..9..18	10	1	23	17	14	4 S.
7	7..15.20	10	1	♏ 27	17	23	4 S.
13	7..21..22	10	0	♏ 1	17	♐ 2	2 N.
19	7..27.26	10	0	5	20	11	5 N.
25	8..3..31	10	♊ 29	9	22	20	1 S.

M D	W D			☉ rise	☉ set	☽'s Long	☽ Set	☽ South	☽'s age
1	6	All Saints		6..49	5..11	9..3..26	8..46	3..59	4
2	7		high wind	6..51	5..9	9..17..15	9..51	4..58	5
3	F	24th Sund. past Trin.		6..52	5..8	10..0..38	10..56	5..55	6
4	2		and rain	6..53	5..7	10..13..41	11..58	6..46	7
5	3	pleiades South 0..52 mor.		6..54	5..6	10..26..10	13..[illegible]	7..31	9
6	4		Clear and	6..55	5..5	11..8..53	14..42	8..9	10
7	5	Days decrease 4..36		6..56	5..4	0..23..43	15..38	8..47	11
8	6		cold.	6..57	5..40	1..5..35	16..33	9..29	12
9	7		now	6..58	5..40	1..17..30	17..27	10..14	13
10	F	25th. Sund. past Trin.		6..59	5..[illegible]	1..29..30	18..21	11..0	14
11	2	St. Martin		7..0	5..0	2..11..39		11..50	15
12	3		expect snow	7..1	4..59	2..23..58	rise	12..43	16
13	4	Sirius rise 10..17		7..2	4..58	2..6..27	6..2	13..37	17
14	5		or cold	7..3	4..57	2..15..9	7..3	14..33	18
15	6	☌ ☽ ♃		7..4	4..56	2..28..10	8..5	15..26	19
16	7		rain	7..5	4..55	3..10..37	8..7	16..16	20
17	F	26th. Sund. past		7..6	4..54	3..23..7	9..41	17..5	21
18	2		wind	7..7	4..53	4..5..52	10..24	17..53	22
19	3	♃ South 8..27		7..8	4..52	4..18..52	11..26	18..38	23
20	4		weather	7..8	4..52	5..2..27	12..30	19..27	24
21	5	☉ enters ♐		7..9	4..51	5..16..8	13..37	20..9	25
22	6		flying	7..10	4..50	6..0..9	14..47	20..59	26
23	7		clouds	7..11	4..49	6..14..32	15..57	21..49	26
24	F	27th Sund. past Trin.		7..12	4..48	6..29..12	17..7	22..42	27
25	2		cold	7..12	4..48	7..14..4		23..39	28
26	3	pegasi Markab South 8..45		7..13	4..47	7..29..2	Set.	☌	☽
27	4		rain	7..14	4..46	8..13..53	5..28	0..39	1
28	5	pegasi Algenib South 7..45		7..15	4..45	8..28..29	6..26	1..39	2
29	6		or snow	7..15	4..45	9..12..44	7..29	2..40	3
30	7	St. Andrew		7..16	4..44	9..26..31	8..37	3..40	4

On the night of December 25th 1797

I dreamed I had a fawn or young deer, whose hair was white and like unto a young lambswool, and all parts about it beautiful to behold, then I said to myself I will set my little captive at his Liberty but I will first clip the tips of his ears that I may know him ~~again~~ if ever I should see him again then taking a pair of Shears and cut off the tip of one ear, and he cryed like unto a Child with the pain which grieved me very much also, then I did not attempt to cut the other but was very sorry for that I had done I set him at liberty and he ran a considerable distance, then stopt & looked back for me, I advanced toward him and he came and met me, and he took a lock of wool from my garment and wiped the blood of the wound which I had made on him (which realy affected me) I took him in my arms and brought him home and held him on my knees, he asked the woman if she had any bread she answered in the affirmative, and gave him some, which he began to eat then asked for milk in a cup, she said the dog has got the cup with milk in it under the house but there is milk in the cupboard

My Dream left me B Banneker

1798 March 6th I ... in garden Nursery some young pare trees, in the
Sar ... Bushel of Corn in the same row 15 red kind grew near the old pare

April 13 by 7 1/2 lb pork a 9 d p lb
1/2 gallon molasses a 5/4 p ga
April 30 by 6 lb pork a 13 d p lb
1/2 gallon molasses a 5/4
May 6 by a Bushel of Corn
May 17 by 4 1/2 lb pork a 1 S p lb
by 1/2 gallon molasses a
May 31 by 6 1/2 lb pork a 1 S p
June 1 by 1/2 Bushel of Corn
June 12 by a Bushel D° a
July 1 By a paper of Ink p
July 12 By a Bushel of Co
Augt. 9 By 1 3/4 nanke
1 1/2 yards M
Twist thre
pork
a pair

Cash of George
£ 0 r 12

Augt 13 By
Sept. pai
Sept. 21 B
... 19
Nov
N

Banneker

January

1805

2 - 27
8 - 22
6 - 5
2 - 25
... 5 21

1799 December Twelfth Month hath 31 Days

			Planets Places						
First ☽ 3. 11. 49 aft. (d h m)	D	☉ Long.	♄ ♌	♃ ♊	♂ ♏	♀ ♎	☿ ♐	☽'s Lat.
Full ○ 12..3..37 morn.	1	8..9.36	10	29	14	26	28	5 S.
Last ☽ 19..3..31 aft.	7	8..15..41	10	28	18	♏ 1	♑ 6	1 S.
New ☽ 26..9..46 morn.	13	8..21..48	10	27	22	6	11	4 N.
☊ {1, 11, 21} ♉ {5, 4, 4} deg.	19	8..27.54	9	26	26	11	16	3 N.
	25	9..4..2	9	25	♐ 0	17	6	4 S.

M D	W D		☉ rise	☉ set	☽'s Long.	☽ set	☽ South	☽'s age
1	F	Advent Sund.	7..16	4..44	10..9..59	9..44	4..35	5
2	2	Days decrease 5..18	7..17	4..43	10..22..56	10..48	5..24	6
3	3	rain	7..18	4..42	11..5..34	11..50	6..9	7
4	4	Bulls eye South 11..40	7..18	4..42	11..17..50	12..49	6..51	8
5	5	or snow	7..19	4..41	11..29..56	13..46	7..31	9
6	6	Nicolas	7..19	4..41	0..11..53	14..42	8..9	10
7	7	☿ great elong.	7..20	4..40	0..23..43	15..38	8..47	11
8	F	2nd. Sund. in Advent conception	7..20	4..40	1..5..35	16..33	9..29	12
9	2	V. Mary	7..20	4..40	1..17..30	17..27	10..14	13
10	3	♃ South 0..46 morn.	7..21	4..39	1..29..30	18..21	11..0	14
11	4	very	7..21	4..39	2..11..39		11..50	15
12	5	☌ ☽ ♃	7..21	4..39	2..23..58	rise	12..43	16
13	6	pegasi Markab South 5..31	7..21	4..39	3..6..27	6..2	13..37	17
14	7	cold	7..22	4..38	3..19..9	7..3	14..33	18
15	F	3d. Sund. in Advent	7..22	4..38	4..2..3	8..5	15..26	19
16	2	pegasi Algenib south 6..26	7..22	4..38	4..15..9	9..7	16..16	20
17	3	wind	7..22	4..38	4..28..29	10..11	17..5	21
18	4	☍ ☉ ♃ ~~Occident~~	7..22	4..38	5..12..3	11..16	17..53	22
19	5	and rain	7..22	4..38	5..25..50	12..22	18..38	23
20	6		7..22	4..38	6..9..56	13..29	19..27	24
21	7	☉ enter ♑ Shortest day	7..22	4..38	6..24..15	14..37	20..18	25
22	F	4th Sund. in Advent.	7..22	4..38	7..8..49	15..50	21..12	26
23	2	or	7..22	4..38	7..23..30	17..5	22..10	27
24	3	snow,	7..22	4..38	8..8..16	18..20	23..13	28
25	4	Christmas Day	7..22	4..38	8..23..0		☌	29
26	5	St. Stephen	7..22	4..38	9..7..30	Set.	0..16	☽
27	6	St. John	7..22	4..38	9..21..44	6..7	1..14	2
28	7	Innocents	7..21	4..39	10..5..35	7..16	2..11	3
29	F	1st. Sund. past Chris.	7..21	4..39	10..19..0	8..23	3..4	4
30	2	cold rain	7..21	4..39	11..2..0	9..25	3..52	5
31	3	Silvester	7..20	4..40	11..14..35	10..26	4..34	6

1800

January
Full ○ 10.. 9.. 17 aftr (d h m)
New ☽ 24..10..23 af.r (struck through)

February
Full ○ 9.. 6.. 56 aftr
New ☽ 23.. 6.. 29 aftr

March (correct)
Full ○ 10.. 1.. 21 morn.
New ☽ 24.. 3.. 40 morn.

April (correct)
Full ○ 8..11.. 26 morn
New ☽ 22.. 7.. 36 aft.

May (correct)
Full ○ 7.. 7.. 38 aft.
New ☽ 22..11.. 31 morn

June (correct)
Full ○ 6.. 2.. 49 morn.
Right New ☽ 21.. 2.. 44 morn

July
Full ○ 6.. 9.. 53 morn
New ☽ 21.. 4.. 49 aft.

August
Full ○ 4.. 7.. 56 morn.
New ☽ 19.. 7.. 33 aft.

September
Full ○ 3.. 3.. 58 morn
New ☽ 18.. 5.. 12 aft.

October
Full ○ 2.. 6.. 45 morn.
New ☽ 17.. 5.. 56 aft.

November
Full ○ 1.. 8.. 39 morn
New ☽ 16.. 2.. 24 aft.

December
Full ○ 1.. 5.. 5 morn
New ☽ 15.. 2.. 56 aft. — 15. 1. 44 morn. by long.
Full ○ 30.. 0.. 42 aft

1800	1800	1800
Long. med. ☉ (s ° ′) 9..10..7	Long. Apog. (s ° ′) 3..9..33	
Long. med ☽ (s ° ′) 11..8..28	Long. Apog. (s ° ′) 1..15..28	Long ☊ (s ° ′) 1..3..14
Long. med. ♄ (s ° ′) 4..1..56	Annomally ♄ (s ° ′) 7..1..10	Long ☊ (s ° ′) 3..21..35
Long. med ♃ (s ° ′) 2..22..12	Anomaly ♃ (s ° ′) 8..10..38	Node (s ° ′) 3..8..57
Long. med ♂ (s ° ′) 7..22..3	Anomally ♂ (s ° ′) 2..19..33	Node (s ° ′) 1..18..28
Long med ♀ (s ° ′) 4..23..32	Anomaly ♀ (s ° ′) 6..15..26	Node (s ° ′) 2..14..50
Long. med. ☿ (s ° ′) 3..13..2	Anomaly ☿ (s ° ′) 6..29..51	Node (s ° ′) 1..16..11

1800 January First Month hath 31 Days

First ☾ 2.. 6.. 40 aft. (d h m)
Full ☉ 10..10..52 aft.r
Last ☾ 18.. 0..30 mor.
New ☽ 24.. 7.. 23 aft.r

☊ { ♉ 3, 3, 2 } deg.

Planets Places

D	☉ Long.	♄ ♌	♃ ♊	♂ ♐	♀ ♏	☿ ♑	☽'s Lat.
1	9..11..9	8	24	4	24	1	3 S.
7	9..17..6	8	23	8	♐ 1	1	3 N.
13	9..23.23	8	23	12	7	0	5 N.
19	9..29..30	8	22	16	13	6	1 S.
25	10..5..35	7	22	21	20	12	5 S.

See page 89

M D	W D	Remarkable days Aspects weather &c.		☉ rise	☉ set	☽'s Long.	☽ Set	☽ South	☽'s age
1	4	Circumcision		7..20	4..40	11.26.33	11..17	5..8	7
2	5		Cold	7..20	4..40	0.8.44	12..15	5..50	8
3	6	Days increase 4 min.		7..20	4..40	0.20.47	13..13	6..33	9
4	7		rain	7..19	4..41	1..2..40	14..10	7..16	10
5	E	2nd. Sund. past Chris		7..19	4..41	1.14.31	15..6	7..59	11
6	2	Epiphany		7..18	4..42	1..26..25	16..3	8..44	12
7	3	△♄♂	or	7..18	4..42	2..8..19	17..0	9..32	13
8	4	☌☽♃		7..17	4..43	2..20..15	17..57	10..22	14
9	5		Snow,	7..17	4..43	3..2..23		11..12	15
10	6	Sirius South 11..8		7..16	4..44	3..14..43	rise	12..2	16
11	7		for	7..15	4..45	3..27..2	5..49	12..52	17
12	E	1st. Sund. past Epip		7..15	4..45	4..10..17	6..51	13..42	18
13	2		ought	7..14	4..46	4..23..32	7..56	14..32	19
14	3	Pleiades South 7..49		7..13	4..47	5..7..17	9..3	15..22	20
15	4		I know,	7..13	4..47	5..21..0	10..13	16..13	21
16	5	days 9..36 min		7..12	4..48	6..5..19	11..23	17..4	22
17	6		wind	7..11	4..49	6..19..38	12..35	17..56	23
18	7		blows	7..10	4..50	7..4..18	13..48	18..51	24
19	E	2d Sunda past past Epip		7..10	4..50	7..18..57	15..5	19..50	25
20	2	☉ enter ♒		7..9	4..51	8..3..36	16..16	20..49	26
21	3		high,	7..8	4..52	8..18..15	17..23	21..48	27
22	4	♀ rise 4..4 morn.		7..7	4..53	9..2..32	18..22	22..47	28
23	5		the	7..6	4..54	9..16..48		23..46	29
24	6		Clouds	7..5	4..55	10..0..28	Sets	☌	☽
25	7	☿ great elong. Convert. St. paul		7..4	4..56	10..14..9	5..52	0..40	1
26	E	3d. Sund. past Epip		7..3	4..57	10..27..16	6..53	1..26	2
27	2	☌♂♀		7..2	4..58	11..10..19	7..54	2..11	3
28	3		doth	7..1	4..59	11..22..37	8..55	2..55	4
29	4	Bulls eye South 7..49		7..0	5..0	0..5..4	9..56	3..38	5
30	5		fly,	6..59	5..1	0..17..6	10..56	4..20	6
31	6	days increase 48 min.		6..58	5..2	0..29..9	11..53	5..2	7
						1..11..2			

True time New ☽ January 1800
January 24-7-23 proved by their Longitudes

D	1800 January Long. ☉	1800 Logarithm ☉ a ⊖	D	July 1800 Long. ☉	Log. ☉ a ⊖
1	9s..11°..9′	4.99259	1	3..10..27	5.00728
7	9..17..6	4.99264	7	3..16..10	5.00723
13	9..23..23	4.99278	13	3..21..54	5.00710
19	9..29..30	4.99300	19	3..27..37	5.00690
25	10..5..35	4.99331	25	4..3..21	5.00663
D	February	Logarithm		August	Logarithm
1	10..12..41	4.99375	1	4..10..4	5.00625
7	10..18..47	4.99421	7	4..15..49	5.00587
13	10..24..51	4.99474	13	4..21..34	5.00539
19	11..0..54	4.99532	19	4..27..21	5.00486
25	11..6..57	4.99595	25	5..3..9	5.00427
D	March	Logarithm		Septemb.	Logarithm
1	11..11..56	4.99651	1	5..9..55	5.00353
7	11..17..56	4.99722	7	5..15..45	5.00284
13	11..23..55	4.99796	13	5..21..36	5.00213
19	11..29..52	4.99859	19	5..27..28	5.00139
25	0..5..49	4.99935	25	6..3..20	5.00063
D	April	Logarithm	D	October	Logarithm
1	0..12..43	5.000252	1	6..9..14	4.99986
7	0..18..37	5.00101	7	6..15..10	4.99909
13	0..24..29	5.00176	13	6..21..7	4.99846
19	1..0..20	5.00249	19	6..27..5	4.99771
25	1..6..11	5.00319	25	7..3..4	4.99698
	May	Logarithm	D	Novemb.	Logarithm
1	1..12..0	5.00385	1	7..10..4	4.99618
7	1..17..48	5.00447	7	7..16..6	4.99553
13	1..23..35	5.00504	13	7..22..9	4.99493
19	1..29..21	5.00556	19	7..28..13	4.99438
25	2..5..8	5.00594	25	8..4..17	4.99390
	June	Logarithm	D	Decemb.	Logarithm
1	2..11..50	5.00640	1	8..10..22	4.99352
7	2..17..34	5.00673	7	8..16..27	4.99315
13	2..23..18	5.00698	13	8..22..34	4.99288
19	2..29..2	5.00715	19	8..28..41	4.99273
25	3..4..45	5.00726	25	9..4..48	4.99261

Mean New Moon in March 1800 (d h m) is 25..0..22 according to Ferguson
But think it on the 24..0..23 Greenwich

February Second Month hath 29 Days

	d h m
First ☽	2..3..20 aft.
Full ☉	9..2..40 aft.
Last ☽	16..1..6 aft.
New ☽	23..9..35 morn.

☊ 1 ♉ 2, 11 ♉ 1, 21 ♉ 0 deg.

Planets Places

D	☉ Long.	♄ ♌	♃ ♊	♂ ♐	♀ ♐	☿ ♑	☽'s Lat.
1	10..12..41	6	21	26	28	21	1 N.
7	10..18..47	5	21	♑	♑ 5	♒ 0	5 N.
13	10..24..51	5	21	5	12	9	2 N.
19	11..0..54	4	21	9	19	19	5 S.
25	11..6..57	4	22	13	27	28	2 S.

M D	W D	Remarkable days aspects weather &c.	☉ rise	☉ Set	☽'s Long.	☽ Sets	☽ South	☽'s age
1	7	days 10..6	6..57	5..3	1..11..2	12..50	5..45	8
2	E	4th Sund. pas Epip	6..56	5..4	1..22..53	13..47	6..30	9
3	2	(purification V. M.	6..55	5..5	2..4..43	14..44	7..17	10
4	3	☌ ☽ ♃	6..54	5..6	2..16..43	15..40	8..5	11
5	4	now	6..53	5..7	2..28..42	16..31	8..54	12
6	5	pleiades Set 1..41 mor.	6..52	5..8	3..11..4	17..19	9..44	13
7	6	snow	6..51	5..9	3..23..26	18..6	10..35	14
8	7	△ ☉ ♃	6..50	5..10	4..6..20		11..27	15
9	E	Septuagesima Sund.	6..49	5..11	4..19..13	rise	12..19	16
10	2	or rain,	6..48	5..12	5..2..46	6..49	13..11	17
11	3	days increase 1..12	6..46	5..14	5..16..[illegible]	7..58	14..3	18
12	4	now	6..45	5..15	6..0..30	9..7	14..55	19
13	5	♀ rise 4..31 mo.	6..44	5..16	6..14..42	10..17	15..47	20
14	6	Valentine	6..43	5..17	6..29..18	11..29	16..39	21
15	7	clear	6..42	5..18	7..13..53	12..46	17..38	22
16	E	♃ Set 2..48 morn.	6..40	5..20	7..28..34	14..0	18..37	23
17	2	again,	6..39	5..21	8..13..14	15..7	19..36	24
18	3	boreas	6..38	5..22	8..27..16	16..13	20..36	25
19	4	☉ enter ♓	6..36	5..24	9..12..4	17..9	21..31	26
20	5	triumph	6..35	5..25	9..25..55	17..56	22..29	27
21	6	Spica ♍ South 2..59 morn.	6..34	5..26	10..9..45	18..36	23..20	28
22	7	with	6..33	5..27	10..22..57		[illegible]	29
23	E	Quinqua. Sund.	6..32	5..28	11..6..9	Set.	0..8	☽
24	2	St. Matthias	6..31	5..29	11..18..45	6..50	0..57	2
25	3	Shrove Tuesd.	6..30	5..30	0..1..20	7..46	1..34	3
26	4	Ash wednesday	6..28	5..32	0..13..28	8..43	2..16	4
27	5	cold	6..27	5..33	0..25..35	9..42	2..58	5
28	6	days 11..8 wings	6..26	5..34	1..7..28	10..41	3..41	6
29			~~6..25~~	~~5..35~~	~~1..19..22~~		~~4..26~~	

Venus (♀) will be morning Star until the Sixth day of August, then evening Star until the end of the Year

Difficult to find ☽ something 22

1800 This Year ~~I Shall~~ in obtaining the planets places I Shall keep by the old Stile with the addition of 12 days according to the method prescribed by Dod.r Ferguson, but I had like to forgot the Sun and Moon had one day added to the old Stile ~~till near the end of the year~~

Common Notes and moveable feasts for the Year 1800.

Dominical Letter	E	Easter Sunday	April	13
Cycles of the Sun	17	Ascension Day	May	22
Golden Number	15	Whit Sunday	June	1
Epact	4	Trinity Sunday	June	8
Number of Direction	23	Advent Sunday	Novemb.	30

1800 March Third Month hath 31 Days

Planets Places

	D	☉ Long.s	♄	♃	♂	♀	☿	☽
			♌	♋	♍	♒	♓	Lat.
	1	11 .. 10 .. 56	4	22	17	2	8	3 N.
	7	11 .. 16 .. 56	4	22	21	9	20	5 N.
	13	11 .. 22 .. 55	3	22	25	16	♈ 2	1 S.
	19	11 .. 28 .. 52	3	23	29	24	13	5 S
	25	0 .. ♓ .. 49	3	24	♒	♓ 2	23	1 S

☌ 1 ♉ 0 / 11 ♈ 29 / 21 29

	W D	Remarkable days Aspects weather &c		☉ rise	☉ set	☽ Long	☽ Set	☽ South	☽ age
1	7	St. David		6 .. 25	5 .. 35	1 .. 19 .. 22	11 .. 41	4 .. 26	7
2	E	1st. Sund. in Lent.		6 .. 24	5 .. 36	2 .. 1 .. 12	12 .. 38	5 .. 13	8
3	2		ready	6 .. 23	5 .. 37	2 .. 13 .. 8	13 .. 32	6 .. 1	9
4	3	☌ ☽ ♃		6 .. 22	5 .. 38	2 .. 25 .. 4	14 .. 26	6 .. 51	10
5	4		to freeze	6 .. 21	5 .. 39	3 .. 7 .. 18	15 .. 17	7 .. 42	11
6	5		all	6 .. 19	5 .. 41	3 .. 19 .. 33	16 .. 4	8 .. 33	12
7	6	☌ ☉ ☿ Occident		6 .. 17	5 .. 43	4 .. 2 .. 16	16 .. 47	9 .. 24	13
8	7		freezing	6 .. 16	5 .. 44	4 .. 15 .. 0	17 .. 23	10 .. 15	14
9	E	2nd. Sund. in Lent		6 .. 14	5 .. 46	4 .. 28 .. 13	17 .. 59	11 .. 6	15
10	2		thing	6 .. 13	5 .. 47	5 .. 11 .. 55		11 .. 57	16
11	3	♃ Sets 1.26 mom.		6 .. 12	5 .. 48	5 .. 25 .. 36	rise	12 .. 48	17
12	4		this	6 .. 11	5 .. 49	6 .. 9 .. 54	8 .. 9	13 .. 40	18
13	5	□ ☉ ♃		6 .. 9	5 .. 51	6 .. 24 .. 11	9 .. 15	14 .. 32	19
14	6		month	6 .. 8	5 .. 52	7 .. 8 .. 50	10 .. 30	15 .. 26	20
15	7		called	6 .. 7	5 .. 53	7 .. 23 .. 29	11 .. 43	16 .. 23	21
16	E	3d. Sund. in Lent		6 .. 6	5 .. 54	8 .. 8 .. 8	12 .. 55	17 .. 24	22
17	2	St. patrick		6 .. 4	5 .. 56	8 .. 22 .. 48	14 .. 1	18 .. 26	23
18	3		March	6 .. 3	5 .. 57	9 .. 7 .. 6	15 .. 2	19 .. 27	24
19	4	✶ ☉ ♂		6 .. 2	5 .. 58	9 .. 21 .. 25	15 .. 56	20 .. 25	25
20	5	☉ enters ♈		6 .. 1	5 .. 59	10 .. 5 .. 8	16 .. 37	21 .. 18	26
21	6	Equal Day & Night		6 .. 0	6 .. 0	10 .. 18 .. 50	17 .. 12	22 .. 8	27
22	7		the	5 .. 59	6 .. 1	11 .. 1 .. 53	17 .. 45	22 .. 55	28
23	E	4th. Sund. in Lent		5 .. 58	6 .. 2	11 .. 14 .. 56	18 .. 12	23 .. 40	29
24	2	□ ☉ ♄		5 .. 57	6 .. 3	11 .. 27 .. 24		☌	30
25	3	Annunciation V. M.		5 .. 55	6 .. 5	0 .. 9 .. 52	Set	0 .. 23	☽
26	4		Body	5 .. 54	6 .. 6	0 .. 21 .. 56	7 .. 46	1 .. 3	2
27	5	Bulls eye Set 10.55		5 .. 53	6 .. 7	1 .. 4 .. 0	8 .. 42	1 .. 45	3
28	6		doth	5 .. 52	6 .. 8	1 .. 15 .. 52	9 .. 41	2 .. 29	4
29	7		Search	5 .. 50	6 .. 10	1 .. 27 .. 48	10 .. 38	3 .. 15	5
30	E	5th. Sund. in Lent		5 .. 49	6 .. 11	2 .. 9 .. 36	11 .. 35	4 .. 4	6
31	2	☌ ☽ ♃		5 .. 48	6 .. 12	2 .. 21 .. 29	12 .. 29	4 .. 54	7
				5 .. 46	☌ 14	3 .. 3 .. 36		5 .. 45	

Elements for an Eclipse of the Sun April 23d. 1800

True time of New Moon in April 1800	D 23.. h 6.. m 10 P.M.
Semidiameter of the Earth's disc	0..54..56
Sun distance from nearest Solstice	56..31
Suns declination, North	12..50
Moon's latitude North Ascending	0..32
Moon horary motion from the Sun	0..30..34
Angle of the Moon's visible path with the ecliptic	5..35
Sun's Semidiameter	0..16..8
Moon's Semidiameter	0..14..59
Semidiameter of the penumbra	0..31..7

Eclipses for the year 1800

First of the Moon April the 9th. about 33 min. past the noon of our day therefore invisible on this Side the globe

Second of the Sun April 23d. ~~invisible at the City of Washington~~ & at 6h. after noon, the Sun will be ~~cen~~ centrally eclipsed on the Meridian in Long. 84° west and Lat 52°.50' North

Third of the Moon October 2nd about 2h. 37 min. after noon invisible

Fourth of the Sun October the 18th. invisible at the City of Washington & at 6h. A the Sun will be centrally and totally eclipsed on the Meridian in Long. ~~122° 57 East of the City of Washington 97° 57' east. and Lat.~~ 95° east and Lat 47°.57 South

NB the Sun is about 6 digit eclipsed at Greenwich

1800 April Fourth Month hath 30 Days

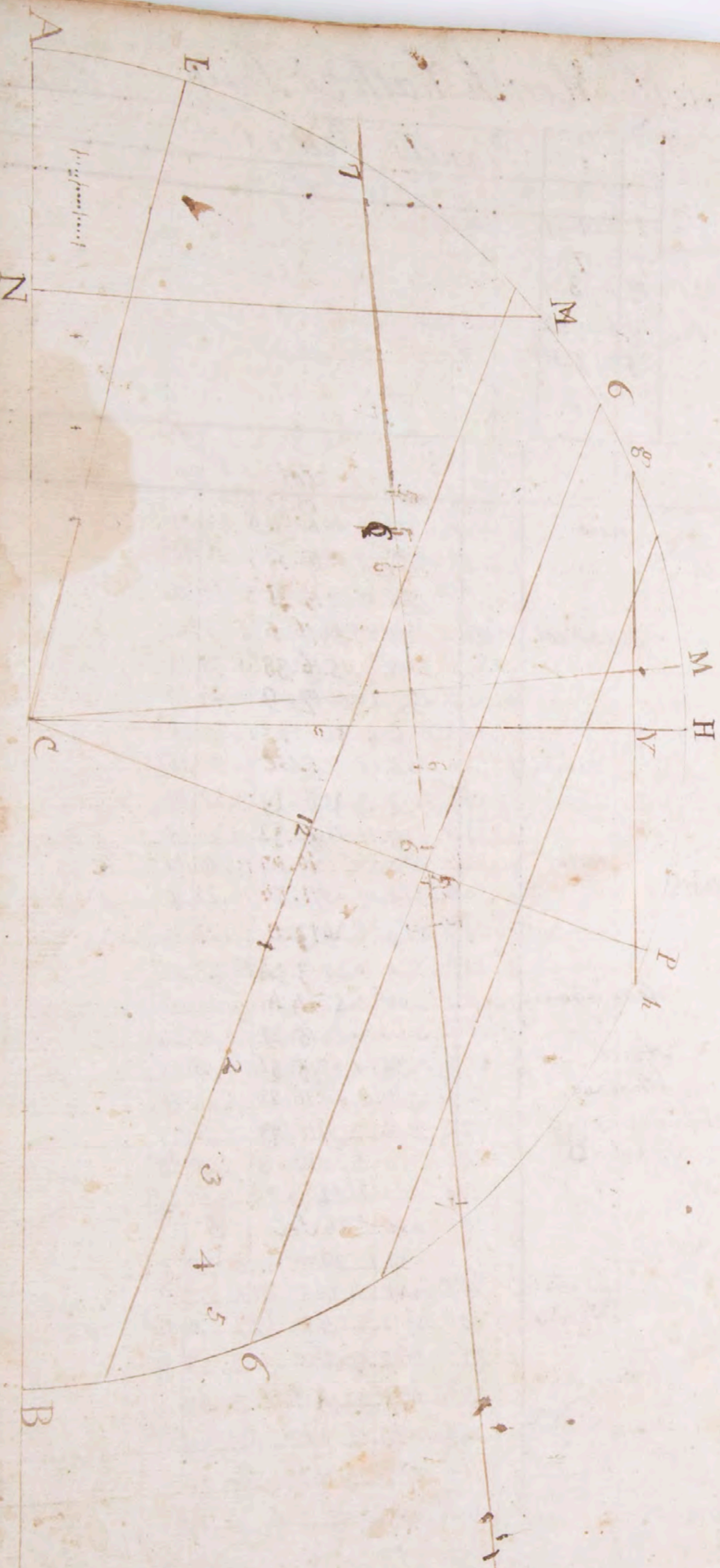
	D	h	m	
First ☽	2..	3..	56	mor
Full ○	9..	0..	33	aftn
Last ☽	16..	3..	36	mom
New ☽	23..	5..	24	aft.
First ☽	30..	7..	42	aft.

☊ { 1 ♈ 28, 11 ♈ 28, 21 27 }

Planets Places

D	☉	♄ ♌	♃ ♊	♂ ♒	♀ ♓	☿ ♉	☽'s Lat.
1	0..11..43	3	25	8	10	2	5 N.
7	0..17..37	3	25	16	17	2	2 S.
13	0..23..29	3	25	20	24	3	5 S.
19	0..29..22	3	26	24	♈ 1	♈ 14	3 S.
25	1..5..11	3	28	27	9	26	3 N.

M D	W D	Remarkable days Aspects weather &c.		☉ rise	☉ Set	☽'s Long.	☽ Set	☽ South	☽'s age
1	3	Pleiades Set 10.14		5..46	6..14	3..3..36	13.20	5..45	8
2	4	[illegible]	now	5..44	6..16	3..15..44	14..11	6..36	9
3	5	Bulls eye Set 10..29		5..43	6..17	3..28..11	14..53	7..26	10
4	6	St. Ambrose		5..41	6..19	4..10..51	15..31	8..16	11
5	7		expect	5..40	6..20	4..23..54	16..6	9..6	12
6	E	palm Sund.		5..39	6..21	5..7..15	16..38	9..55	13
7	2	♄ stationary		5..38	6..22	5..20..56	17..9	10..44	14
8	3	days increase 3..32		5..36	6..24	6..4..56	[illegible]	11..35	15
9	4		rain	5..35	6..25	6..19..15	rise	12..27	16
10	5			5..34	6..26	7..3..45	8..19	13..22	17
11	6	Good friday		5..33	6..27	7..18..24	9..32	14..20	18
12	7		now	5..32	6..28	8..3..6	10..47	15..20	19
13	E	Easter Sund. □♄☿		5..30	6..30	8..17..47	11..58	16..21	20
14	2	Easter Mond.		5..29	6..31	9..2..20	13..0	17..23	21
15	3	Easter Tuesd.		5..28	6..32	9..16..39	13..54	18..23	22
16	4		clear again	5..27	6..33	10..0..42	14..42	19..19	23
17	5	Sirius Set 9..58		5..26	6..34	10..14..25	15..22	20..10	24
18	6		April	5..25	6..35	10..27..49	15..51	20..58	25
19	7		Showers	5..23	6..37	11..10..54	16..20	21..44	26
20	E	☌☉☿ orient 1st. Sund. past Eas.		5..22	6..38	11..23..39	16..45	22..26	27
21	2	(☉ enter ♉		5..21	6..39	0..6..8	17..15	23..10	28
22	3	Spica ♍ South 11..14		5..20	6..40	0..18..22	[illegible]	23..54	29
23	4	☉ eclip		5..18	6..42	1..0..26	Set.	♉	☽
24	5	procyon Set 11..39		5..17	6..43	1..12..22	7..42	0..38	1
25	6		is the	5..16	6..44	1..24..13	8..41	1..22	2
26	7		Advent	5..15	6..45	2..6..4	9..37	2..6	3
27	E	2nd. Sund. past East.		5..14	6..46	2..17..56	10..31	2..53	4
28	2	☌☽♃	of	5..13	6..47	2..29..54	11..21	3..43	5
29	3			5..12	6..48	3..12..0	12..9	4..34	6
30	4	days 13..38		5..11	6..49	3..24..19	12..53	5..26	7
				~~5..10~~	~~6..50~~	~~4..6..53~~		~~6..17~~	



1800 This projection is for an eclipse of the Sun April 23 at the City of Washington, ☌ at 6h 10m afternoon. the Sun will be centrally eclipsed on the meridian in Longitude 92:½ west and Lat. 52:50 North
partly visible in the United States

1800 May Fifth Month hath 31 Days

~~First ☽ 1..8..10 aft.~~
Full ○ 8..8..51 aft.
Last ☾ 15..2..48 aft.
New ☽ 23..9..23 morn.
~~First~~ ☽ 31..6..38 morn.

☊ { 1 ♈ 27, 11 ♈ 26, 21 ♈ 26 } deg.

		Planets Places					
D	☉ Long	♄	♃	♂	♀	☿	☽ Lat.
		♌	♊	♓	♈	♈	
1	1..11..2	4	29	1	16	23	5 N.
7	1..16..50	4	♋	5	23	25	1 S.
13	1..22..37	4	1	10	♉ 0	28	5 S.
19	1..28..23	5	2	14	8	♉ 4	0 N.
25	2..4..10	5	4	18	16	11	5 N.

M D	W D	Remarkable days, Aspects weather &c.		☉ rise	☉ Set	☽ Long	☽ Set	☽ South	☽ age
1	5	Philip and James		5..10	6..50	4..6..53	13..33	6..17	8
2	6	♀ rise 4..1 morn		5..9	6..51	4..19..43	14..9	7..6	9
3	7		May	5..8	6..52	5..2..54	14..41	7..54	10
4	E	3d Sund. past East		5..7	6..53	5..16..23	15..13	8..41	11
5	2		flowers	5..5	6..54	6..0..12	15..45	9..31	12
6	3	Days increase 4..36		5..4	6..56	6..14..21	16..15	10..23	13
7	4		the	5..3	6..57	6..28..45		11..16	14
8	5	Arcturus South 11..3		5..2	6..58	7..13..20	rise	12..12	15
9	6	Spica ♍ South 10..9		5..1	6..59	7..28..2	8..34	13..11	16
10	7		clouds	5..0	7..0	8..12..44	9..44	14..13	17
11	E	4th Sund. past East.		4..59	7..1	8..27..21	10..52	15..15	18
12	2		darkens	4..58	7..2	9..11..49	11..51	16..16	19
13	3		now	4..58	7..2	9..26..1	12..40	17..13	20
14	4	☿ great elong.		4..57	7..3	10..9..55	13..22	18..7	21
15	5		the	4..56	7..4	10..23..31	13..56	18..56	22
16	6	Arietis rise 3..8 morn.		4..55	7..5	11..6..45	14..24	19..41	23
17	7		Sky,	4..54	7..6	11..19..40	14..50	20..25	24
18	E	Rogation Sund.		4..53	7..7	0..2..19	15..13	21..8	25
19	2		now	4..52	7..8	0..14..41	15..43	21..51	26
20	3		rain	4..52	7..8	0..26..51	16..13	22..35	27
21	4	☉ enter ♊		4..51	7..9	1..8..49	16..40	23..20	28
22	5	Ascent. Day		4..51	7..9	1..20..44		☽	29
23	6		descends	4..50	7..10	2..2..33	Set	0..5	D.
24	7		from	4..49	7..11	2..14..24	8..25	0..50	2
25	E	Sund. past Ascent.		4..48	7..12	2..26..19	9..13	1..38	3
26	2	☌ ☽ ♃		4..47	7..13	3..8..20	10..3	2..28	4
27	3		on	4..46	7..14	3..20..32	10..49	3..18	5
28	4	Days 14..28		4..46	7..14	4..2..56	11..31	4..8	6
29	5		high	4..45	7..15	4..15..38	12..5	4..57	7
30	6	Days increase 5..16		4..44	7..16	4..28..38	12..39	5..46	8
31	7	Lyra South 2..1 morn.		4..44	7..16	5..11..56	13..10	6..34	9
				~~4..43~~	~~7..17~~	~~5..25..35~~		~~7..12~~	

June 1st 6..7..33

The first great Locust year that I can Remember was 1749. I was then about Seventeen years of age when thousands of them came and was creeping up the trees and bushes, I then immagined they came to eat and destroy the fruit ~~Earth~~ of the Earth, and would occation a famine in the land, I therefore began to kill and destroy them, but I soon saw that my labour was in vain, therefore gave over my pretension. Again in the year 1766 which is Seventeen year after their first appearance to me, they made a Second, and appeared to me to be full as numerous as the first. I then being about thirty four year of age I had more sence than to endeavour to destroy them, knowing that they was not so pernicious to the fruit of the Earth as I did immagine they would be. Again in the year 1783 which was Seventeen years since their ~~last~~ Second appearance to me they made their third and they may be expected again in they year 1800 which is Seventeen since their third appearance to me. So that if I may venture so to express it, their periodical return is Seventeen years, but they like the Comets make but a short stay with us. The female has a sting in her tail as sharp and hard as a thorn with which she perforates the branches of the trees and in them holes lays eggs, the branch soon dies and fall, then the egg by some Occult ~~ocation~~ cause immerges a great depth into the earth and there continues for the space of Seventeen years as aforesaid.

I like to forgot to inform that if theirs lives are short they are merry, they begin to sing or make a noise from the first they come out of Earth till they die, the hindermost part rots off and it does not appear to be any pain to them for they still continue on singing till they die

B. Banneker

1800 June Sixth Month hath 30 Days

~~First ☽ 1..6..40 morn~~
Full ☉ 7..0..49 morn.
Last ☾ 14..0..36 aft.
New ☽ 22..4..12 morn.
First ☽ 29..5..30 aft.

☊ 1 ♈ 25, 11 ♈ 25, 21 ♈ 24 deg.

Planets Places

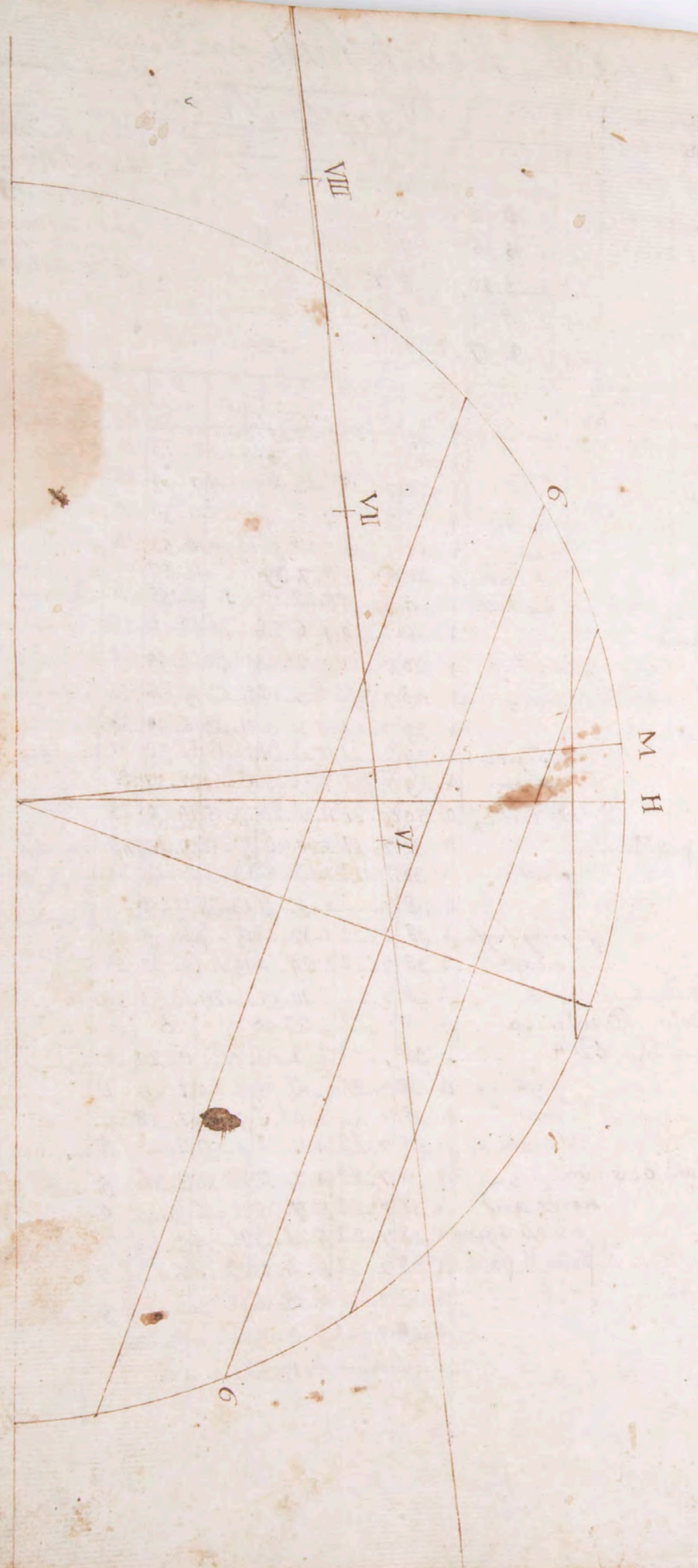
D	☉ Long.	♄ ♌	♃ ♋	♂ ♓	♀ ♉	☿ ♉	☽'s Lat.
1	2..10..52	6	6	24	24	22	1 N.
7	2..16..36	7	7	28	♊ 1	♊ 3	5 S.
13	2..22..20	7	8	♈ 2	8	16	2 S.
19	2..28..4	8	9	6	15	29	4 N.
25	3..3..47	8	11	10	23	♋ 12	4 N.

From the Table this full moon is June 7..2..49 morn and new moon is 22..2..44 morn

M D	W D	Remarkable days aspects weather &c.		☉ rise	☉ set	☽'s Long.	☽ set	☽ south	☽'s age
1	E	Whit Sund ✶♂♀		4..43	7..17	5..25..35	13..41	7..22	10
2	2	Whit Mond		4..43	7..17	6..9..33	14..12	8..13	11
3	3	Whit Tuesd.		4..42	7..18	6..23..48	14..45	9..4	12
4	4		now come	4..42	7..18	7..8..17	15..22	9..58	13
5	5		rain	4..41	7..19	7..22..56	16..0	10..55	14
6	6		to cheer	4..41	7..19	8..7..39		11..57	15
7	7		the earth	4..41	7..19	8..22..19	rise	12..59	16
8	E	Trinity Sund		4..40	7..20	9..6..54	9..36	14..1	17
9	2		with	4..40	7..20	9..21..14	10..30	14..59	18
10	3		heavy	4..40	7..20	10..5..19	11..13	15..54	19
11	4	St. Barnabas		4..39	7..21	10..19..6	11..49	16..45	20
12	5		thunder	4..39	7..21	11..2..31	12..18	17..32	21
13	6		from	4..39	7..21	11..15..37	12..49	18..17	22
14	7		its birth,	4..39	7..21	11..28..24	13..15	19..0	23
15	E	1st. Sund. past Trin		4..39	7..21	0..10..56	13..42	19..43	24
16	2		first	4..38	7..22	0..23..12	14..7	20..26	25
17	3	St. Alban		4..38	7..22	1..5..15	14..33	21..9	26
18	4		flying high	4..38	7..22	1..17..13	15..7	21..55	27
19	5		next	4..38	7..22	1..29..4	15..44	22..43	28
20	6	☌ ☉ ☿ occident		4..38	7..22	2..10..55	16..24	23..31	29
21	7	Longest days ☉ enters ♋		4..38	7..22	2..22..46		☌	30
22	E	2nd Sund. past Trin ☌ ☽ ♃		4..38	7..22	3..4..43	Set.	0..20	☽
23	2		falling	4..38	7..22	3..16..49	8..40	1..9	2
24	3	St. John	low	4..38	7..22	3..29..6	9..28	1..58	3
25	4		to make the	4..38	7..22	4..11..38	9..59	2..47	4
26	5	Lyra South 0..9 morn		4..38	7..22	4..24..27	10..36	3..36	5
27	6		herbs and	4..38	7..22	5..7..35	11..8	4..25	6
28	7		plants to grow	4..38	7..22	5..21..3	11..39	5..14	7
29	E	3d Sund. past Trin. St. peter & paul.		4..38	7..22	6..4..50	12..8	6..3	8
30	2	Day 14..42		4..39	7..21	6..18..56	12..40	6..52	9

~~4..39 7..21 7..3..17 7..42~~

~~July 1 7..17..53~~



1800 April 23 Sun eclipsed ~~at~~ 6 10 min. past 6 O'clock afternoon, by projection it begins some minutes before the true Conjunction
and Sun Sets before the greatest obscuration so it is partly visible in the United States

1800 July Seventh Month hath 31 Days

Full ☉ 6 .. 7 .. 46 morn.
Last ☾ 13 .. 2 .. 54 aft.
New ☽ 21 .. 6 .. 24 aft.
First ☽ 29 .. 1 .. 36 morn.

☊ { 1 ♈ 24 / 11 ♈ 23 / 21 ♈ 22 } deg.

		Planets Places					
☽	☉	♄	♃	♂	♀	☿	☽'s
	Long.	♌	♋	♈	♋	♋	Lat.
1	3..9..30	9	12	14	♋ 0	24	2 S.
7	3..15..13	10	13	18	8	♌ 5	5 S.
13	3..20..57	10	15	22	15	15	1 N.
19	3..26..40	11	16	25	23	22	5 N.
25	4..2..21	12	17	28	♌ 0	♍ 0	2 N.

M D	W D	Remarkable days Aspects weather &c	☉ rise	☉ set	☽ Long.	☽ set	☽ South	☽'s age
1	3	days decrease 2 min	4..39	7..21	7..3..17	13..9	7..42	10
2	4	Visitation V. M.	4..39	7..21	7..17..53	13..48	8..36	11
3	5	the farmer	4..40	7..20	8..2..34	14..34	9..37	12
4	6	Translation St. Martin	4..40	7..20	8..17..16	15..27	10..38	13
5	7	Says I	4..40	7..20	9..1..55		11..42	14
6	E	4th Sund. past Trin.	4..41	7..19	9..16..22	rise	12..43	15
7	2	hope	4..41	7..19	10..0..37	9..1	13..38	16
8	3	Lyra South 11..19	4..42	7..18	10..14..33	9..40	14..32	17
9	4	no rain,	4..42	7..18	10..28..10	10..14	15..21	18
10	5	Spica ♍ Set 11..23	4..43	7..17	11..11..28	10..42	16..6	19
11	6	will come	4..43	7..17	11..24..25	11..9	16..50	20
12	7	till I	4..44	7..16	0..7..5	11..36	17..33	21
13	E	5th Sund. past Trin. ☌ ♃ ♀	4..44	7..16	0..19..29	12..4	18..16	22
14	2	secure	4..45	7..15	1..1..40	12..31	19..0	23
15	3	Arcturus Set 1..41 morn.	4..45	7..15	1..13..40	13..1	19..45	24
16	4	my	4..46	7..14	1..25..34	13..36	20..31	25
17	5	grain,	4..47	7..13	2..7..24	14..13	21..20	26
18	6	□ ☉ ♂	4..47	7..13	2..19..14	14..59	22..10	27
19	7	now	4..48	7..12	3..1..9	15..47	23..0	28
20	E	6th Sund. past Trin. ☌ ☽ ♃	4..49	7..11	3..13..9		23..50	29
21	2	Margaret	4..49	7..11	3..25..20	Set	☌	☽
22	3	Magdelene	4..50	7..10	4..7..44	7..55	0..40	1
23	4	☉ enters ♌	4..51	7..9	4..20..22	8..33	1..29	2
24	5	come rain	4..52	7..8	5..3..20	9..2	2..15	3
25	6	St. James	4..52	7..8	5..16..35	9..31	3..1	4
26	7	☿ great elong. St. Anne	4..53	7..7	6..0..13	10..0	3..47	5
27	E	7th Sund. past Trin.	4..54	7..6	6..14..13	10..29	4..37	6
28	2	from	4..55	7..5	6..28..22	11..2	5..28	7
29	3	the cloud,	4..56	7..4	7..12..51	11..38	6..22	8
30	4	Dog days begin	4..57	7..3	7..27..29	12..22	7..21	9
31	5	Days decrease 42 min.	4..58	7..2	8..12..11	13..14	8..21	10
			4..59	7..1	8..26..53		9..2	

August 1st ~~[illegible]~~

Evil Communication corrupts good manners, I hope to live to hear that, Good Communication Corrects bad manners —

A very melting Sermon being preached one day which caused all the Congregation to weep but one man, which attracted the notice of the people after Sermon, a curious inquirer demanded his reason for not weeping as well as the rest of the congregation, he pertinently replied I do not belong to the parish

1799 New Moon May 4th, ☌ at 7h. 18m. P.M, by Calculation ☉ Long. greater than ☽ by 17′ — May 19th full Moon at 2h. 43m. A.M, ☽ Long. greater than ☉ by 1°..6′ as appears by Calculation

1800 New Moon May 23d. ☌ at 9h. 23m. A.M, ☉ Long 2..2..10
☽ Long 2..1..15
☉ greatest ..55

1800 August Eighth Month hath 31 Days

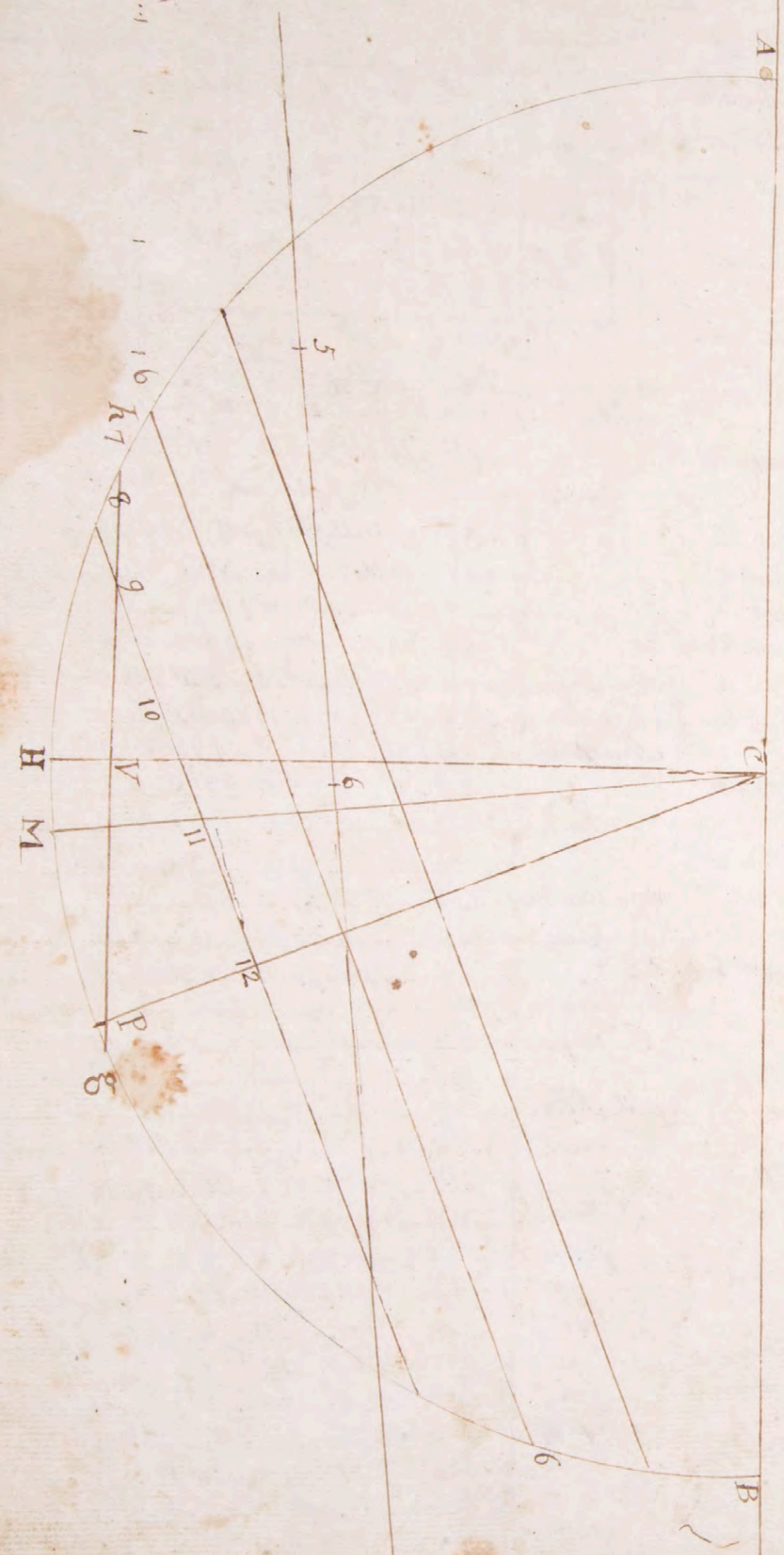
	d	h	m	
Full ☉	4	11	0	aft
Last ☾	12	7	16	morn
New ☽	20	8	28	morn
First ☾	27	6	0	morn

☊		deg.
1	♈	22
11		21
21		21

Planets Places

☽	☉ Long.	♄ ♌	♃ ♋	♂ ♉	♀ ♌	☿ ♍	☽'s Lat.
1	4..9..7	13	19	3	8	7	5 S.
7	4..14..52	14	20	6	16	9	2 S.
13	4..20..37	14	21	9	23	11	4 N.
19	4..26..24	15	22	12	♍ 1	7	4 N.
25	5..2..11	15	24	15	8	3	3 S.

M D	W D	Remarkable days Aspects weather &c.		☉ rise	☉ Set	☽ Long.	☽ Set	☽ South	☽'s age
1	6	Lammas-Day		4..59	7..1	8..26..53	14..14	9..25	11
2	7		with	5..0	7..0	9..11..28	15..6	10..27	12
3	E	8th. Sund. past Trin.		5..1	6..59	9..25..51		11..25	13
4	2		thunder	5..2	6..58	10..9..56	rise	12..20	14
5	3	Lyra South 9..28		5..3	6..57	10..23..44	8..11	13..11	15
6	4	☌☉♀ Occident		5..4	6..56	11..7..12	8..41	13..59	16
7	5	Days 13..50 [illegible]		5..5	6..55	11..20..21	9..10	14..44	17
8	6	Days decrease 56 min.		5..6	6..54	0..3..10	9..37	15..28	18
9	7		Sounding	5..7	6..53	0..15..42	10..3	16..12	19
10	E	9th. Sund. past Trin. St. Lawrence		5..8	6..52	0..28..0	10..30	16..56	20
11	2		Sharp &c	5..9	6..51	1..10..5	11..1	17..41	21
12	3	Spica ♍ Set 9..12		5..10	6..50	1..22..3	11..37	18..28	22
13	4		cloud,	5..11	6..49	2..3..55	12..17	19..16	23
14	5	Arcturus Set 11..40		5..12	6..48	2..15..45	13..0	20..5	24
15	6		very warm	5..13	6..47	2..27..37	13..45	20..55	25
16	7		Clear	5..14	6..46	3..9..36	14..35	21..46	26
17	E	10th. Sund. past Trin. ☌☽♃		5..15	6..45	3..21..37	15..28	22..35	27
18	2		and	5..16	6..44	4..3..53	16..28	23..23	28
19	3		dry,	5..18	6..42	4..16..24		☌	29
20	4	Days 13..22		5..19	6..41	4..29..10	Set.	[illegible] 10	☽
21	5		with Silver	5..20	6..40	5..12..16	7..32	0..56	2
22	6		dews	5..21	6..39	5..25..42	8..2	1..43	3
23	7	☉ enters ♍		5..22	6..38	6..9..27	8..30	2..31	4
24	E	11th Sund. past Trin, St. Bartholomew		5..23	6..37	6..23..32	9..3	3..22	5
25	2		from	5..24	6..36	7..7..51	9..39	4..15	6
26	3	☌☉☿ orient		5..26	6..34	7..22..19	10..20	5..11	7
27	4		clear	5..27	6..33	8..7..6	11..4	6..11	8
28	5	St. Augustine		5..28	6..32	8..21..48	12..5	7..16	9
29	6	St. John behead.		5..29	6..31	9..6..28	13..8	8..19	10
30	7		Sky	5..30	6..30	9..[illegible]..57	14..12	9..19	11
31	E	12th Sund. past Trin		5..32	6..28	10..5..13	15..21	10..16	12
				5..33	6..27	10..19..12		11..9	
						11..2..52			



1800 September Ninth Month hath 30 Days

	D	h	m	
Full ○	3	10	14	morn.
Last ☾	10	1	18	morn.
New ☽	18	8	16	aft.
First ☽	25	1	52	aft.

☊ { 1, 11, 21 } ♈ { 20, 20, 19 } deg.

Planets Places

D	☉	♄	♃	♂	♀	☿	☽'s
	Long.	♌	♋	♉	♍	♌	Lat.
1	5..8..57	16	25	18	16	28	4 S.
7	5..14..47	17	26	20	24	♍ 1	3 N
13	5..20..38	18	27	22	♎ 1	4	5 N
19	5..26..30	18	29	23	9	14	0 S
25	6..2..21	19	♌	23	16	24	5 S

M D	W D	Remarkable days aspects weather &c.	☉ rise	☉ set	☽ Long.	☽ Set	☽ South	☽'s age
1	2	Bulls eye ris 10..45	5..33	6..27	10..19..12	16.29	11..9	13
2	3	Showers	5..34	6..26	11..2..51		11..59	14
3	4	Dog days end	5..35	6..25	11..16..20	rise	12..46	15
4	5	now	5..36	6..24	11..29..10	7..42	13..30	16
5	6	Days 12..44	5..38	6..22	0..11..52	8..9	14..14	17
6	7	may	5..39	6..21	0..24..16	8..39	14..58	18
7	E	13th. Sund. past Trin.	5..40	6..20	1..6..29	9..6	15.42	19
8	2	Nativity V. Mary	5..41	6..19	1..18..31	9..37	16..28	20
9	3	descend	5..43	6..17	2..0..25	10..18	17..17	21
10	4	pegasi Markab South 11..39	5..44	6..16	2..12..15	10..59	18..6	22
11	5	the	5..45	6..15	2..24..6	11..44	18..55	23
12	6	pegasi Algenib South 0..41 mo.	5..46	6..14	3..5..59	12..34	19..45	24
13	7	vegetable	5..48	6..12	3..17..59	13..28	20..35	25
14	E	14 Sund. past Trin. ☌ ☽ ♃	5..49	6..11	4..0..8	14..26	21..25	26
15	2	□ ☉ ♂	5..50	6..10	4..12..30	15..24	22..13	27
16	3	to	5..52	6..8	4..25..7	16..27	23..0	28
17	4	befriend,	5..53	6..7	5..8..2		23..47	29
18	5	pleiades rise 8..28	5..54	6..6	5..21..16	set	☌	☽
19	6	now rain	5..55	6..5	6..4..51	6..39	0..34	1
20	7		5..56	6..4	6..18..45	7..10	1..22	2
21	E	15 Sund. past Trin St. Matthew	5..58	6..2	7..2..56	7..40	2..13	3
22	2	now cool,	5..59	6..1	7..17..24	8..20	3..8	4
23	3	☉ enters ♎ equal Day & Night	6..0	6..0	8..2..1	9..4	4..7	5
24	4	Just as the	6..2	5..58	8..16..43	9..59	5..10	6
25	5	mighty	6..3	5..57	9..1..25	11..2	6..15	7
26	6	St. Cypryan	6..4	5..56	9..16..1	12..6	7..17	8
27	7	powers,	6..5	5..55	10..0..25	13..15	8..14	9
28	E	16th Sund. past Trin.	6..7	5..53	10..14..33	14..26	9..10	10
29	2	St. Michael rule	6..8	5..52	10..28..24	15..32	10..1	11
30	3	Days decrease 3..2	6..9	5..51	11..11..53	16..36	10..48	12

Elements for an Eclipse of the Sun October 18th. 1800

	d	h	m
True time of New Moon in October 1800	☽	18	6

	°	′	″
Moon's horizontal parallax	0	59	41
Sun's distance from the nearest Solstice	65	0	0
Suns declination South	9	57	0
Moon's Latitude South descending	0	36	39
Moon's horary motion from the Sun	0	36	0
Angle of the Moon's visible path with the Ecliptic	5	35	0
Sun's Semidiameter	0	16	11
Moon's Semidiameter	0	16	9
Semidiameter of the penumbra	0	32	20

Wind may be lulled, by the explosions of a vigorous Cannonade
See Hamilton Moore's practical Navigator. page 241

2 Kings Chap 23. verse 11, And he took away the horses that the kings of Judah had given to the Sun

2 Samuel 12. 31 And he brought away the people that were therein, and put them under Saws, and under harrows of iron, and under axes of iron, and made them pass through the brick-kiln

1801 Long. med. ☉	1801 Long. Apog ☉	1801 Long. med ☽	1801 Long. Apog ☽
s ° ′	s ° ′	s ° ′	s ° ′
9 . 9 . 52	3 . 9 . 34	3 . 17 . 52	2 . 26 . 8

Long. med. ♄	Anomaly ♄	Node ♄
s ° ′	s ° ′	s ° ′
4 . 14 . 12	7 . 13 . 24	3 . 21 . 25

Long. med ♃	Anomaly ♃	Node ♃
s ° ′	s ° ′	s ° ′
3 . 22 . 38	9 . 11 . 3	3 . 8 . 58

Long. med ♂	Anomaly ♂	Node ♂
s ° ′	s ° ′	s ° ′
2 . 3 . 51	9 . 1 . 20	1 . 18 . 29

Long. med ♀	Anomaly ♀	Node ♀
s ° ′	s ° ′	s ° ′
0 . 9 . 35	2 . 1 . 49	2 . 14 . 50

Long. med ☿	Anomaly ☿	Node ☿
s ° ′	s ° ′	s ° ′
5 . 11 . 51	8 . 27 . 39	1 . 16 . 12

1800 October Tenth Month hath 31 Days

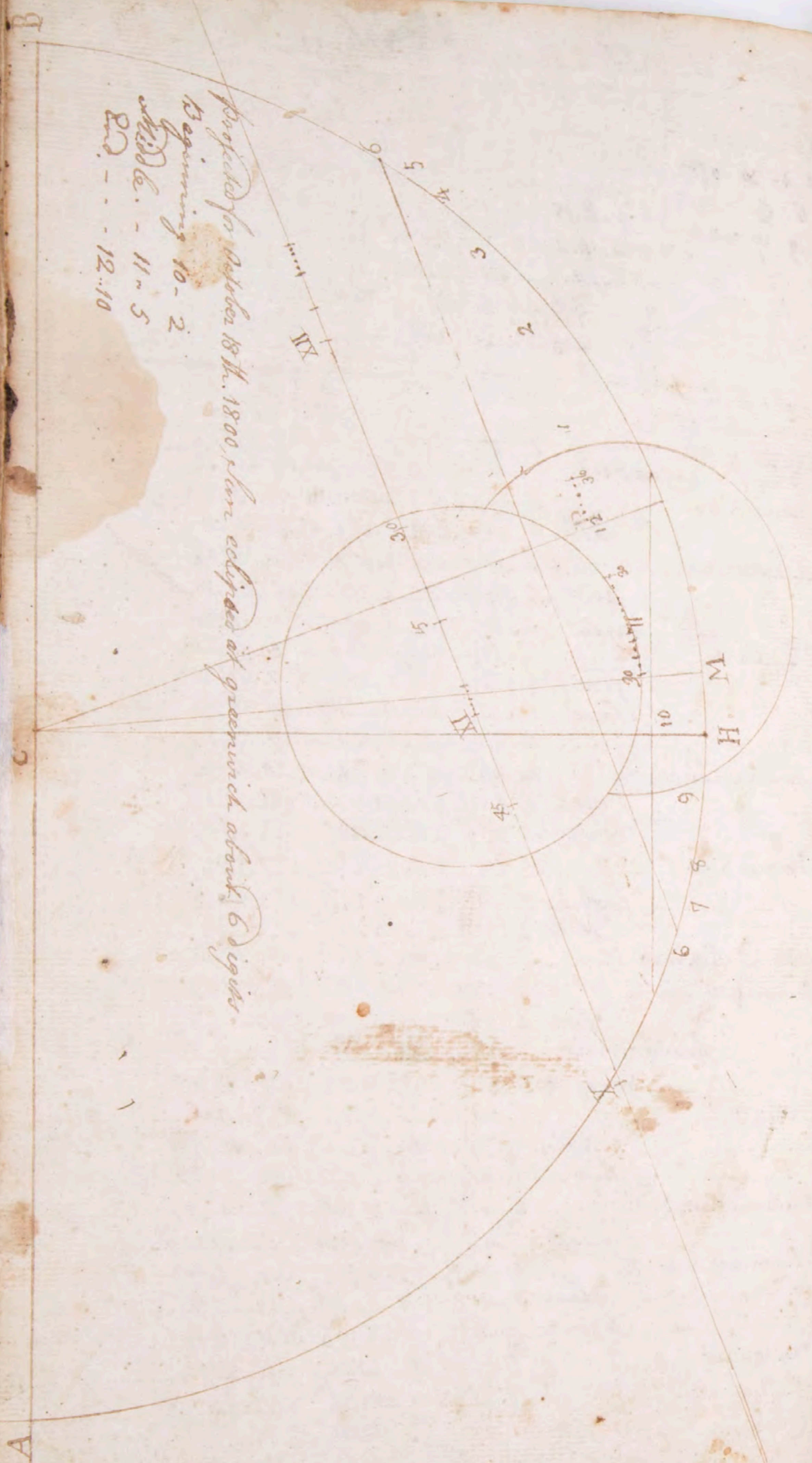
	d	h	m
Full ○	2	2	37 aft.
Last ☽	10	4	36 aft.
New ☽	18	6	0 morn
First ☽	24	9	17 aft.
Full ○	31	7	38 morn

☌ 1 11 21 ♈ 19 18 18 deg.

Planets Places

☽	☉	♄	♃	♂	♀	☿	☽
	Long.	♑	♑	♉	♎	♎	Lat.
1	6 . 8 . 15	20	1	23	24	4	4 S.
7	6 . 14 . 11	20	1	22	♍ 1	15	5 N.
13	6 . 20 . 8	21	2	21	9	25	4 N.
19	6 . 26 . 6	22	3	21	16	♍ 5	3 S.
25	7 . 2 . 5	22	3	19	24	15	4 S.

M	W	D	Remarkable days Aspects weather &c.		☉ rise	☉ set	☽ Long	☽ Set.	☽ South	☽ age
1	A	1	Bulls eye rise 8. 57		6 . 11	5 . 49	11.25.4		11 . 33	13
2	5	2	☽ eclip invis	expect	6 . 12	5 . 48	0 . 7 . 55	rise	12 . 20	14
3	6	3	Days decrease 3 . 10		6 . 13	5 . 47	0 . 20 . 29	6 . 48	13 . 3	15
4	7	4		rain	6 . 14	5 . 46	1 . 2 . 49	7 . 15	13 . 48	16
5	E	5	17th. Sund. past Trin.		6 . 15	5 . 45	1 . 14 . 55	7 . 50	14 . 34	17
6	2	6		an	6 . 17	5 . 43	1 . 26 . 53	8 . 22	15 . 21	18
7	3	7		early	6 . 18	5 . 42	2 . 8 . 45	9 . 2	16 . 9	19
8	4	8	☌ ☉ ☿, Occident		6 . 19	5 . 41	2 . 20 . 36	9 . 48	16 . 59	20
9	5	9		frost,	6 . 20	5 . 40	3 . 2 . 27	10 . 36	17 . 49	21
10	6	10		save	6 . 22	5 . 38	3 . 14 . 22	11 . 27	18 . 38	22
11	7	11	☌ ☽ ♄		6 . 23	5 . 37	3 . 26 . 27	12 . 23	19 . 26	23
12	E	12	18th. Sund. past Trin.		6 . 24	5 . 36	4 . 8 . 40	13 . 23	20 . 14	24
13	2	13		your	6 . 25	5 . 35	4 . 21 . 10	14 . 23	21 . 2	25
14	3	14		crop	6 . 27	5 . 33	5 . 3 . 55	15 . 28	22 . 50	26
15	4	15	pleides rise 6 . 50		6 . 28	5 . 32	5 . 16 . 58	16 . 33	22 . 38	27
16	5	16		before	6 . 29	5 . 31	6 . 0 . 22	17 . 39	23 . 27	28
17	6	17		it is	6 . 30	5 . 30	6 . 14 . 5		☌	29
18	7	18	St. Luke ○ eclip. invis.		6 . 32	5 . 28	6 . 28 . 7	Set	0 . 17	☽
19	E	19	19th. Sund. past Trin.		6 . 33	5 . 27	7 . 12 . 25	6 . 22	1 . 7	2
20	2	20		lost,	6 . 34	5 . 26	7 . 26 . 37	7 . 3	2 . 2	3
21	3	21		heavy clouds	6 . 35	5 . 25	8 . 11 . 38	7 . 56	3 . 3	4
22	4	22		heavy	6 . 36	5 . 24	8 . 26 . 20	8 . 55	4 . 6	5
23	5	23	○ enters ♏		6 . 38	5 . 22	9 . 11 . 0	9 . 58	5 . 9	6
24	6	24		rain	6 . 39	5 . 21	9 . 25 . 31	11 . 8	6 . 11	7
25	7	25		high	6 . 40	5 . 20	10 . 9 . 49	12 . 16	7 . 7	8
26	E	26	20th. Sund. past Trin.		6 . 41	5 . 19	10 . 23 . 50	13 . 24	8 . 0	9
27	2	27		wind	6 . 42	5 . 18	11 . 7 . 31	14 . 30	8 . 49	10
28	3	28	St. Simon and Jude		6 . 44	5 . 16	11 . 20 . 52	15 . 34	9 . 35	11
29	4	29		clear	6 . 45	5 . 15	0 . 3 . 53	16 . 39	10 . 20	12
30	5	30		again	6 . 46	5 . 14	0 . 16 . 38	17 . 40	11 . 4	13
31	6	31	Days 10 . 26		6 . 47	5 . 13	0 . 29 . 0		11 . 48	14



1800 November Eleventh Month hath 30 Days

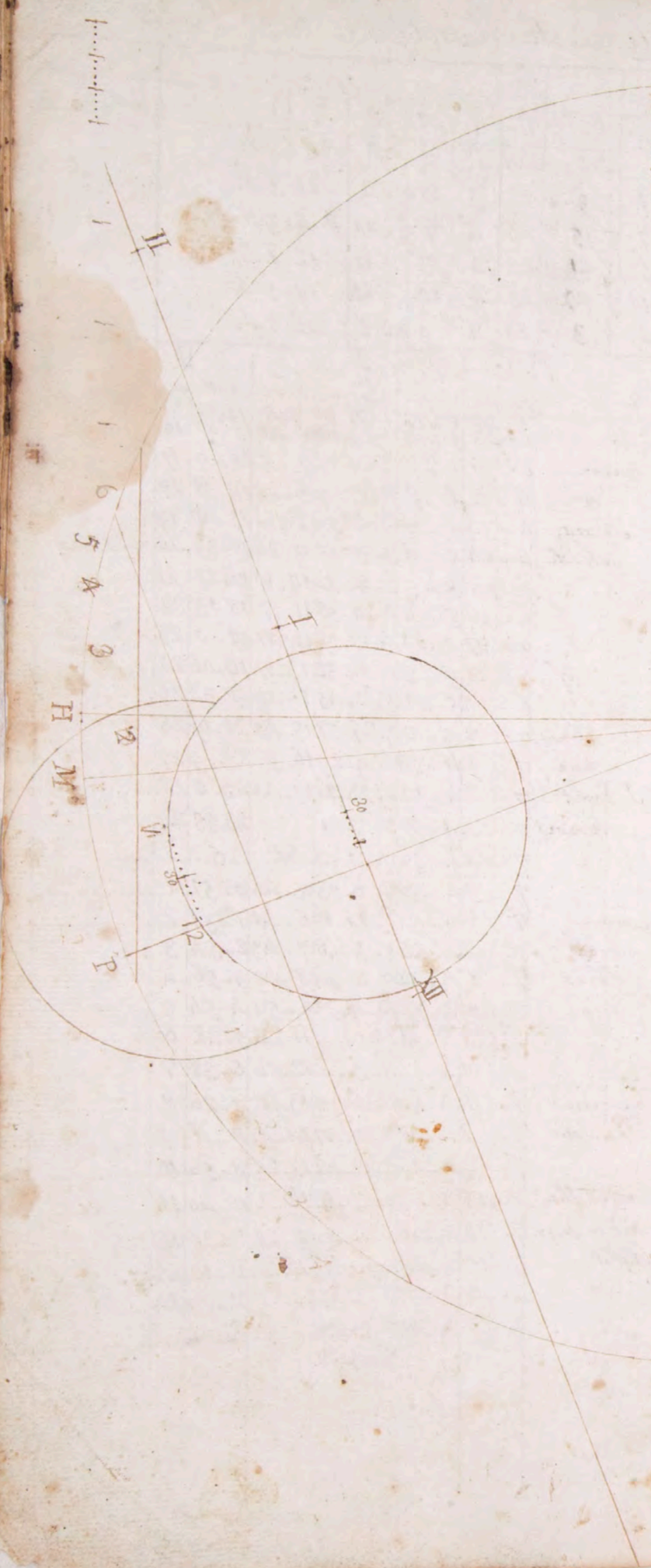
Full ☽ 1..7..38 morn.
Last Q. 9..0..20 aft.
New ☽ 16..4..18 aft.
First Q. 23..8..28 morn.
~~Full ☽ 31..7..38 morn.~~

☊ { 1 ♈ 17 } deg.
☊ { 11 ♈ 17 } deg.
☊ { 21 16 } deg.

Planets Places

☽	☉	♄	♃	♂	♀	☿	☽'s
	Long.	♌	♌	♉	♐	♏	Lat.
1	7..9..4	23	3	17	2	25	3 N.
7	7..15..6	23	4	15	10	♐ 4	5 N.
13	7..21..9	23	4	13	17	12	1 S.
19	7..27..13	23	4	10	25	19	5 S.
25	8..3..17	24	4	9	♑ 2	26	0 S.

M D	W D	Remarkable days Aspects weather &c		☉ rise	☉ set	☽ Long.	☽ rise	☽ South	☽'s age
1	7	All Saints △♃♀		6..48	5..12	1..11..17	rise	12..34	15
2	E	21st. Sund. past Trin.		6..49	5..11	1..23..20	6..24	13..21	16
3	2		rain	6..51	5..9	2..5..15	7..5	14..9	17
4	3		or	6..52	5..8	2..17..7	7..47	14..58	18
5	4		snow,	6..53	5..7	2..28..56	8..34	15..47	19
6	5		which	6..54	5..6	3..10..51	9..26	16..37	20
7	6	☍☉♂		6..55	5..5	3..22..50	10..19	17..26	21
8	7	☌☽♃		6..56	5..4	4..4..58	11..17	18..13	22
9	E	22d Sund. past Trin.		6..57	5..3	4..17..17	12..17	19..0	23
10	2		of	6..58	5..2	4..29..52	13..17	19..46	24
11	3	St. Martin		6..59	5..1	5..12..45	14..17	20..32	25
12	4		the	7..0	5..0	5..25..57	15..23	21..19	26
13	5		two	7..1	4..59	6..9..29	16..33	22..9	27
14	6		I don't	7..2	4..58	6..23..21	17..43	23..0	28
15	7	□☉♄	know	7..3	4..57	7..7..31		23..55	29
16	E	23d. Sund. past Trin.		7..4	4..56	7..21..59	set.	6	☽
17	2	△♄♀		7..5	4..55	8..6..33	5..44	0..51	1
18	3		Some	7..6	4..54	8..21..16	6..40	1..51	2
19	4		clouds	7..7	4..53	9..5..58	7..43	2..54	3
20	5		flies	7..8	4..52	9..20..34	8..49	3..56	4
21	6		high	7..8	4..52	10..4..59	9..59	4..54	5
22	7	☉ enters ♐		7..9	4..51	10..19..9	11..8	5..48	6
23	E	24th. Sund. past Trin.		7..10	4..50	11..3..2	12..16	6..38	7
24	2		Some	7..11	4..49	11..16..34	13..21	7..26	8
25	3		low	7..12	4..48	11..29..47	14..23	8..11	9
26	4	☿ great elong		7..12	4..48	0..12..42	15..25	8..56	10
27	5		now the	7..13	4..47	0..25..16	16..26	9..40	11
28	6		wind begins	7..14	4..46	1..7..37	17..25	10..25	12
29	7		to blow	7..15	4..45	1..19..45	18..24	11..10	13
30	E	Advent Sund.		7..15	4..45	2..1..43		11..57	14
30				~~7..16~~	~~4..44~~	~~2..13..36~~ ~~2..25..27~~		~~12..46~~	



Projected for an eclipse of the Sun October 18th 1800, the Sun will be eclipsed about 6 digits on his ~~South~~ North limb as seen from Greenwich, Ferguson Speaking of all visible eclipses at London Says nothing of this, So that the mistake may be in me

1800 December Twelfth Month hath 31 Days

Full ○ 1 .. 3 .. 42 morn.
Last ☾ 9 . 3 . 48 morn.
New ☽ 16 .. 1 .. 8 morn
First ☽ 22 .. 9 .. 51 aft
Full ○ 30 .. 0 .. 42 morn

☊ { 1 ♈ 15, 11 ♈ 15, 21 14 } deg.

Planets Places

☽	☉ Long.	♄ ♌	♃ ♌	♂ ♉	♀ ♑	☿ ♐	☽'s Lat.
1	8 .. 9 .. 28	24	4	8	10	26	5 N.
7	8 .. 15 .. 28	24	4	8	17	25	3 N.
13	8 .. 21 .. 35	24	4	8	25	18	4 S.
19	8 .. 27 .. 42	23	3	8	♒ 2	12	4 S.
25	9 .. 3 .. 49	23	2	9	10	13	3 N.

M D	W D	Remarkable days Aspects weather &c		☉ rise	☉ set	☽ Long.	☽ rise	☽ South	☽'s age
1	2	Bulls eye South 11..53		7 .. 16	4 . 44	2 13.36	rise	12.46	15
2	3		winter	7 .. 16	4 .. 44	2 .. 25 .. 27	6 .. 25	13 .. 36	16
3	4	days decrease 5..18		7 .. 17	4 .. 43	3 .. 7 .. 17	7 .. 14	14 .. 25	17
4	5		weather	7 .. 18	4 .. 42	3 .. 19 .. 12	8 .. 6	15 .. 13	18
5	6	☌ ☽ ♃		7 .. 18	4 .. 42	4 .. 1 .. 15	9 .. 0	15 .. 59	19
6	7	Nicholas		7 .. 19	4 .. 41	4 .. 13 .. 29	9 .. 57	16 .. 45	20
7	E	2nd Sund. in Advent		7 .. 19	4 .. 41	4 .. 25 .. 56	10 .. 58	17 .. 31	21
8	2	Conception V. M.		7 .. 20	4 .. 40	5 .. 8 .. 39	12 .. 1	18 .. 17	22
9	3		gather	7 .. 20	4 .. 40	5 .. 21 .. 39	13 . 5	19 .. 3	23
10	4		your fire	7 .. 20	4 .. 40	6 .. 5 .. 0	14 .. 9	19 .. 50	24
11	5		wood	7 .. 21	4 .. 39	6 .. 18 .. 41	15 .. 17	20 .. 41	25
12	6	☌ ☉ ☿ Orient.		7 .. 21	4 .. 39	7 .. 2 .. 42	16 . 28	21 .. 34	26
13	7		together	7 .. 21	4 .. 39	7 .. 17 .. 0	17 . 42	22 .. 30	27
14	E	3d Sund. Advent		7 .. 21	4 .. 39	8 .. 1 .. 30	18 .. 58	23 .. 31	28
15	2	△ ☉ ♄		7 .. 22	4 .. 38	8 .. 16 .. 11		☌	29
16	3		now we	7 .. 22	4 .. 38	9 .. 0 .. 52	sets	0 .. 34	☽
17	4	pegasi Markab South 5..14		7 .. 22	4 .. 38	9 .. 15 .. 34	6 .. 23	1 .. 34	2
18	5		may	7 .. 22	4 .. 38	10 .. 0 .. 7	7 .. 33	2 .. 32	3
19	6	pegasi Alginib South 6..13		7 .. 22	4 .. 38	10 .. 14 .. 25	8 .. 42	3 .. 28	4
20	7		expect	7 .. 22	4 .. 38	10 .. 28 .. 27	9 .. 51	4 .. 18	5
21	E	4th Sund in Advent		7 .. 22	4 .. 38	11 .. 12 .. 10	10 .. 57	5 .. 7	6
22	2	☉ enters ♑		7 .. 22	4 .. 38	11 .. 25 .. 34	12 .. 3	5 .. 53	7
23	3		a Snow	7 .. 22	4 .. 38	0 .. 8 .. 38	13 .. 5	6 .. 38	8
24	4		it is the	7 .. 22	4 .. 38	0 .. 21 .. 24	14 .. 5	7 .. 22	9
25	5	Christmas Day		7 .. 22	4 .. 38	1 .. 3 .. 52	15 .. 4	8 .. 7	10
26	6	St. Stephen		7 .. 22	4 .. 38	1 .. 16 .. 5	16 .. 3	8 .. 52	11
27	7	St. John		7 .. 22	4 .. 38	1 .. 28 .. 10	17 .. 1	9 .. 39	12
28	E	1st Sund past Chris. Innocents		7 .. 22	4 .. 38	2 .. 10 .. 5	17 .. 58	10 .. 27	13
29	2		Season all men	7 .. 21	4 .. 39	2 .. 21 .. 57		11 .. 15	14
30	3		may know	7 .. 21	4 .. 39	3 .. 3 .. 48	rise	12 .. 4	15
31	4	Silvester		7 .. 21	4 .. 39	3 .. 15 .. 40	5 .. 41	12 .. 52	16
				~~7 .. 20~~	~~4 .. 40~~	~~3 .. 27 .. 38~~		~~13 .. 39~~	
						4 .. 9 .. 48			

1800	Ellicott & Co. Cr.	£	s	d
January 20	By a pair of Stockens	0	5	9
22	By 6 1/2 yards Rushia Drilling a 3/9 ℔ yd.	1	4	4
February 7	By 4 yard Tiklenburg at 2/6 ℔ yd	0	10	0
	By 1/2 ℔ Soap	0	0	5
February 17	By paying Samuel Pairpoint	0	3	5
March 29		2	4	2
	By 4 1/2 yard Russia Sheeting at 3/9 ℔ yd.	0	16	10
	By 3 1/2 yards Irish Linnen at 4 s ℔ y.	0	14	0
	By 8 Skeins thred	0	0	8
April 16	By Cash Receivd	0	11	3
May 17	By Cash of George Ellicott	4	7	0
May 20	By paying the Sheriff	0	7	6
July 1	By Cash of G. Ellicott	0	8	6
	By a peck of Salt	0	7	[illegible]
		[illegible]	5	[illegible]
Novr. 11	By Cash a Dollar	0	1	10
		5	7	4
		0	7	6
Novr. 22	By 1 1/4 yds Coating a 8 s ℔ yd.	5	14	[illegible]
	By 1 1/2 yard Flannel a 3/6 ℔ yd.	0	10	0
	By 1/4 yard linnen a 2/8 ℔ yd.	0	5	3
	By thread	0	0	8
	By a pair of Shoes	0	0	4
		0	11	3
	The above acct. Settled to November 10th. 1800	7	2	[illegible]
	Cash	4	17	[illegible]
		12	0	[illegible]
1801	the above is the seond payment			
Janry 31	By 2 1/2 yards Rusia Sheeting a 3/9 ℔ yd	0	9	[illegible]
	By 3 1/2 do. white Linnen at 3/9 ℔ yd	0	13	[illegible]
	By thread	0	0	6
April 1	By a pair of Shoes at a dollar & Quarter	0	9	[illegible]
May 9	By a Razor at	1	12	[illegible]
		0	4	[illegible]
June 13	By 8 pounds of pork at 1 s ℔ ℔	0	8	[illegible]
June 18	By 1/2 Bushel Corn a 6/6 ℔ Bus	0	3	[illegible]
July 17	By paying the Sheriff	0	4	[illegible]
July 20	By half Bushel of Corn	2	11	[illegible]
		0	3	[illegible]
Augt. 6	By half Bushel Do.	0	3	[illegible]
Augt. 13	By 6 1/2 yards Camblet at 3/6 ℔ yd.	1	2	[illegible]
	By 2 yards brown holland at 3 s ℔ yd.	0	6	[illegible]
	Silk twist and ~~moulds and Buckram and~~ thread	0	1	[illegible]
	Buckram and moulds	0	0	[illegible]
	By 4 1/2 ℔ pork at 1 s ℔ ℔	0	4	[illegible]
Sept. 2	By 2 1/2 Dollars, & 1/2 Bushel Corn	4	13	[illegible]
Oct. 19	By a Razor at 1/2 dollar	1	2	[illegible]
	By paying the Taylor for making a Coat	0	3	[illegible]
Novr. 2	By 2 1/2 yard Corduroy at 8/8 ℔ yd.	0	16	[illegible]
	dozen Buttons	1	1	[illegible]
	3/4 yard Rushia duck a 2/10 ℔ yd.	0	1	[illegible]
		0	2	[illegible]
		8	1	6
		3	18	6
Nov. 28	Cash Received ~~of them~~	12	0	0
	the above is the third payment			

1801 January First Month hath 31 Days

	D	h	m	
Last ☾	7	5	37	aft.
New ☽	14	10	2	morn
First ☽	21	2	24	aft.
Full ○	29	6	30	aft.

☊ { 1 ♈ 14; 11 ♈ 13; 21 13 } deg.

D	☉	♄	♃	♂	♀	☿	☽'s
	Long.	♌	♎	♉	♒	♐	Lat.
1	9..10..53	23	2	12	17	18	5 N.
7	9..17..0	23	1	13	25	26	0 S.
13	9..23..8	22	0	15	♓ 2	♑ 4	5 S.
19	9..29..14	22	0	17	9	13	1 S.
25	10..5..20	21	♍ 29	19	16	21	5 N.

M D	W D		☉ rise	☉ set	☽'s Long.	☽ rise	☽ South	☽'s age
	5	Circumcision ☿ great elong.	7..20	4..40	3..27..39	6..38	13..41	17
	6	(☌ ☽ ♃	7..20	4..40	4..9..45	7..36	14..27	18
	7		7..20	4..40	4..22..4	8..36	15..12	19
4	D	2nd. Sund. past Chris.	..19	4..41	5..4..38	9..36	15..57	20
5	2		7..19	4..41	5..17..29	10..37	16..42	21
6	3	Epiphany	7..18	4..42	6..0..40	11..42	17..30	22
7	4		7..18	4..42	6..14..9	12..50	18..18	23
8	5		7..17	4..43	6..27..58	13..59	19..9	24
9	6		7..17	4..43	7..12..7	15..8	20..4	25
10	7		7..16	4..44	7..26..31	16..26	21..3	26
11	D	1st. Sund past Epip.	7..15	4..45	8..11..6	17..36	22..5	27
12	2		7..15	4..45	8..25..49	18..43	23..8	28
13	3		7..14	4..46	9..10..31		☌	29
14	4		7..13	4..47	9..25..8	Set.	0..8	☽
15	5		7..13	4..47	10..9..35	6..12	1..3	2
16	6		7..12	4..48	10..23..47	7..21	1..57	3
17	7		7..11	4..49	11..7..41	8..27	2..46	4
18	D	2nd. Sund past Epip.	7..10	4..50	11..21..17	9..33	3..34	5
19	2		7..10	4..[illegible]	0..4..31	10..38	4..19	6
20	3	☉ enter ♒	7..9	4..51	0..17..26	11..40	5..4	7
21	4		7..8	4..52	1..0..4	12..41	5..49	8
22	5		7..7	4..53	1..12..26	13..41	6..35	9
23	6		7..6	4..54	1..24..35	14..41	7..22	10
24	7		7..5	4..55	2..6..34	15..41	8..10	11
25	D	3d. Sund past Epip, Covert St. Paul	7..4	4..56	2..18..29	16..34	8..59	12
26	2		7..3	4..57	3..0..18	17..25	9..48	13
27	3		7..2	4..58	3..12..9	18..11	10..36	14
28	4	☌ ☽ ♃	7..1	4..59	3..24..3		11..24	15
29	5		7..0	5..0	4..6..6	rise	12..12	16
30	6		6..59	5..1	4..18..17	6..18	12..58	17
31	7		6..58	5..2	5..0..42	7..17	13..43	18

D	1801 January Long. ⊙	1801 Logarithm ⊙ a ⊖	1801 July Long. ⊙	1801 Logarithm ⊙ a ⊖
	s ° ′		s ° ′	
1	9..10..53	4.99259	3..9..15	5.00728
7	9..17..0	4.99264	3..14..59	5.00724
13	9..23..8	4.99278	3..20..42	5.00713
19	9..29..14	4.99300	3..26..26	5.00698
25	10..5..20	4.99331	4..2..10	5.00673
	February Long. ⊙	Logarithm ⊙ a ⊖	August Long. ⊙	Logarithm ⊙ a ⊖
	s ° ′		s ° ′	
1	10..12..26	4.99375	4..8..52	5.00634
7	10..18..30	4.99421	4..14..36	5.00594
13	10..24..35	4.99474	4..20..22	5.00548
19	11..0..39	4.99532	4..26..8	5.00495
25	11..6..40	4.99590	5..1..56	5.00437
	March Long. ⊙	Logarithm ⊙ a ⊖	Septemb. Long. ⊙	Logarithm ⊙ a ⊖
	s ° ′		s ° ′	
1	11..10..40	4.99629	5..8..42	5.00364
7	11..16..40	4.99698	5..14..32	5.00296
13	11..22..40	4.99771	5..20..22	5.00225
19	11..28..38	4.99846	5..26..13	5.00151
25	0..4..35	4.99922	6..2..6	5.00076
	April Long. ⊙	Logarithm ⊙ a ⊖	October Long. ⊙	Logarithm ⊙ a ⊖
	s °			
1	0..11..30	5.00012	6..8..0	5.00012
7	0..17..23	5.00088	6..13..56	4.99935
13	0..23..15	5.00165	6..19..53	4.99859
19	0..29..6	5.00237	6..25..52	4.99746
25	1..4..58	5.00308	7..1..49	4.99710
	May Long. ⊙	Logarithm ⊙ a ⊖	Novemb. Long. ⊙	Logarithm ⊙ a ⊖
	s ° ′			
1	1..10..47	5.00374	7..8..49	4.99629
7	1..16..36	5.00427	7..14..51	4.99563
13	1..22..23	5.00486	7..20..53	4.99502
19	1..28..10	5.00539	7..26..57	4.99447
25	2..3..55	5.00587	8..3..2	4.99398
	June Long. ⊙	Logarithm ⊙ a ⊖	December Long. ⊙	Logarithm ⊙ a ⊙
1	2..10..38	5.00634	8..9..7	4.99355
7	2..16..22	5.00668	8..15..10	4.99325
13	2..22..6	5.00694	8..21..17	4.99296
19	2..27..50	5.00713	8..27..23	4.99275
25	[illegible]..3..32	5.00724	9..3..31	4.99263

1801 February Second Month hath 28 Days

☽	D	H	m	
Last ☾	6	6	06	morn
New ☽	12	8	58	aft.
First ☾	20	7	8	morn
Full ○	28	0	34	aft.

☋ { 1 ♈ 12, 11 12, 21 11 } deg.

D	⊙ Long.	♄ ♌	♃ ♋	♂ ♉	♀ ♓	☿ ♒	☽ Lat.
1	10..12..26	21	28	22	24	3	2 N.
7	10..18..30	21	27	25	♈ 1	13	4 S.
13	10..24..35	20	27	28	8	23	3 S.
19	11..0..39	20	26	II 0	15	♓ 4	1 N.
25	11..6..40	19	26	3	22	15	5 N.

M D	W D		⊙ rise	⊙ set	☽'s Long.	☽ rise	☽ South	☽'s age
1	D	Septuagesima Sund.	6..57	5..3	5..13..24	8..16	14..28	19
2	2		6..56	5..4	5..26..23	9..19	15..14	20
3	3		6..55	5..5	6..9..42	10..26	16..1	21
4	4		6..54	5..6	6..23..20	11..34	16..51	22
5	5		6..53	5..7	7..7..19	12..45	17..45	23
6	6		6..52	5..8	7..21..35	13..58	18..43	24
7	7		6..51	5..9	8..6..4	15..11	19..44	25
8	D		6..50	5..10	8..20..43	16..22	20..47	26
9	2		6..49	5..11	9..5..25	17..24	21..49	27
10	3		6..48	5..12	9..20..6	18..20	22..49	28
11	4		6..46	5..14	10..4..41		23..46	29
12	5		6..45	5..15	10..19..1	Set	☌	☽
13	6	☌ ⊙ ☿ Occident	6..44	5..16	11..3..5	6..17	0..39	1
14	7	Valentine	6..43	5..17	11..16..51	7..20	1..25	2
15	D	Quinqua. Sund.	6..42	5..18	0..0..17	8..23	2..11	3
16	2		6..40	5..20	0..13..22	9..25	2..56	4
17	3	Shrove Tuesday	6..39	5..21	0..26..9	10..27	3..41	5
18	4	Ashwednesday	6..38	5..22	1..8..40	11..29	4..27	6
19	5	⊙ enter ♓	6..36	5..24	1..20..56	12..29	5..[illegible]	7
20	6		6..35	5..25	2..3..1	13..28	6..1	8
21	7		6..34	5..26	2..14..57	14..25	6..50	9
22	D	1st Sund in Lent.	6..33	5..27	2..26..49	15..14	7..39	10
23	2		6..32	5..28	3..8..40	16..3	8..28	11
24	3	St Matthias	6..31	5..29	3..20..31	16..49	9..18	12
25	4		6..30	5..30	4..2..28	17..29	10..6	13
26	5		6..28	5..32	4..14..34	18..1	10..53	14
27	6		6..27	5..33	4..26..52		11..38	15
28	7		6..26	5..34	5..9..23	rise	12..23	16
					5..22..12			

A, B, and C, discoursing about their ages, Says A, if from double the Cube root of B's age, double the biquadrate root of C's age be taken the ~~[illegible]~~ remainder will be equal to the Sursolid root of my age, Says B, the Cube root of my age is equal to one fourth part of A's, and Says C, the Square root of my age is one more than the Square root of B's; Required their Several ages —

A's	Age	32	The Sursolid root of which is 2
B's		64	The Cube of root of wich is 4
C's		81	The biquadrate root of which is 3

Eclipses for the year 1801 are Six in Number —
First of the Sun March 14..7..30 m
It appears by the Scheme the Sun will rise Eclipsed, the greatest obscuration will about 7 O'clock, when the Sun will be 8 digets eclipsed —

To find the Latitude of the moon in the Syzygy, first find the true place of the Node, which being Subtracted from the true place of the Sun, leaves the Suns distance from the Node which is the Argument of Latitude at the time of Conjunction, but in the time of opposition we must add Six Signs to the Sun's distance from the Node, which gives the Moon's distance from the Same Node, and is the Argument of her Latitude at that time —

1801 March Third Month hath 31 Days —

	d	h	m	
Last ☾	7	2	0	aftern.
New ☽	14	7	12	morn.
First ☽	22	5	3	morn
Full ○	30	3	6	morn

☊			
1		11	deg.
11	♈	10	
21		10	

☽	☉ Long.	♄ ♌	♃ ♋	♂ ♊	♀ ♈	☿ ♓	☽'s Lat.
1	11.19.40	19	25	6	26	23	2 N.
7	11.16.40	18	25	9	♉ 2	♈ 2	5 S.
13	11.22.40	18	25	12	9	11	2 S.
19	11.28.38	18	25	15	15	11	4 N.
25	0.4.35	17	25	19	21	12	4 N.

M D	W D		☉ rise	☉ Set	☽ Long.	☽ rise	☽ South	☽'s age
1	D	2nd. Sund. in Lent. St. David.	6..25	5..35	5..22..12	6..59	13..9	17
2	2		6..24	5..36	6..5..21	8..3	13..56	18
3	3		6..23	5..37	6..18..49	9..8	14..44	19
4	4		6..22	5..38	7..2..37	10..20	15..37	20
5	5		6..21	5..39	7..16..42	11..32	16..33	21
6	6		6..19	5..41	8..1..5	12..44	17..33	22
7	7		6..17	5..43	8..15..39	13..56	18..35	23
8	D	3d. Sund. in Lent	6..16	5..44	9..0..20	15..3	19..38	24
9	2		6..14	5..46	9..15..3	16..3	20..40	25
10	3		6..13	5..47	9..29..41	16..49	21..38	26
11	4		6..12	5..48	10..14..9	17..33	22..33	27
12	5		6..11	5..49	10..28..23	18..5	23..24	28
13	6	☌ ♀ ☿	6..9	5..51	11..12..20		☌	29
14	7	☿ great elong	6..8	5..52	11..25..57	Set	0..12	☽
15	D	4th. Sund in Lent	6..7	5..53	0..9..13	7..11	0..58	2
16	2		6..6	5..54	0..22..9	8..13	1..42	3
17	3	St. patrick	6..4	5..56	1..4..50	9..14	2..26	4
18	4		6..3	5..57	1..17..14	10..13	3..13	5
19	5		6..2	5..58	1..29..25	11..12	4..1	6
20	6		6..1	5..59	2..11..24	12..9	4..50	7
21	7	☉ enter ♈ = day & night	6..0	6..0	2..23..19	13..3	5..40	8
22	D	5th. Sund. Lent	5..59	6..1	3..5..9	13..53	6..30	9
23	2		5..58	6..2	3..17..0	14..40	7..21	10
24	3		5..57	6..3	3..28..54	15..22	8..8	11
25	4	♀ great elong. Annunci V. M.	5..55	6..5	4..10..55	15..58	8..55	12
26	5		5..54	6..6	4..23..5	16..29	9..41	13
27	6		5..53	6..7	5..5..28	17..0	10..26	14
28	7		5..52	6..8	5..18..8	17..28	11..11	15
29	D	Palm Sund.	5..50	6..10	6..1..5		11..58	16
30	2		5..49	6..11	6..14..22	rise	12..45	17
31	3		5..48	6..12	6..27..59	8..13	13..35	18
					7..11..55			

Common Notes and moveable Feasts for the Year 1801

Dominical Letter	D	Easter Sunday	April	
Cycle of the Sun	18	Ascension day		
Golden Number	16	Whitsunday		
Epact	15	Trinity Sunday		
Number of Direction	15	Advent sunday		
		Sund. after Trinity 25		

Eclipses for the year 1801 are Six in Number
First visible of the Sun March 14 ~~th~~ 7 h 56 m A. M.
It appears by projection the Sun will rise eclipsed, the greatest obscuration will be about 7 O'clock, when the Sun will be about 8 Digits eclipsed on his ~~[illegible]~~ South Limb.

Second is a total and visible eclipse of the Moon March 30 d 2 h 34 m
~~Beginning~~

	h m	
Beginning	1 .. 24	A. M.
of total Darkness	2 .. 20	
Middle of the eclipse	3 .. 6	
End of total Darkness	3 .. 52	
End of the eclipse	4 .. 48	Moon eclipsed 22 1/3 Digits
Duration	3 .. 24	

Third of the Sun April 12 d 8 h 10 m P. M invisible at Baltimore

Fourth of the Sun September 8 d 2 h 55 m A. M. invisible at Baltimore

Fifth is a total and visible eclipse of the Moon 21 st. and part of the 22 day of September

	H M	
Beginning 21 day	10 .. 40	P. M.
Beginning of total darkness	11 .. 6	
Middle of the eclipse 22 day	0 .. 17	A. M.
End of total darkness	1 .. 27	
End of the eclipse	1 .. 52	Digits eclipsed 21
Duration of the eclipse	3 .. 12	

Sixth and last is of the Sun October 7 d 5 h 36 m P. M invisible at Baltimore

That eclipse of the Sun on the 14th. day of March 1801

	h m	
Beginning	6 .. 21	A. M.
Great obscuration	7 .. 23	
The end	8 .. 25	

1801 April Fourth Month hath 30 Days

	d h m
Last ☾	5 .. 10 .. 48 aft.
New ☽	12 .. 9 .. 24 aft.
First ☽	20 .. 9 22 aft.
Full ○	28 .. 10 .. 52 aft.

☊ 1 ♈ 9 deg.; 11 ♈ 9 deg.; 21 ♈ 8 deg.

☽	☉ Long.	♄ ♌	♃ ♋	♂ ♊	♀ ♉	☿ ♈	☽'s Lat.
1	0 .. 11 .. 30	17	25	22	27	8	3 S.
7	0 .. 17 .. 23	17	25	26	♊ 1	5	5 S.
13	0 .. 23 .. 15	17	25	29	6	3	2 N.
19	0 .. 29 .. 6	17	26	♋ 3	9	5	5 N.
25	1 .. 4 .. 58	17	26	6	12	8	1 N.

M D	W D		☉ rise	☉ set	☽ Long.	☽ rise	☽ South	☽'s age
1	4		5 .. 46	6 .. 14	7 .. 11 .. 55	9 .. 22	14 .. 30	19
2	5		5 .. 44	6 .. 16	7 .. 26 .. 9	10 .. 35	15 .. 28	20
3	6	Good Fryday	5 .. 43	6 .. 17	8 .. 10 .. 35	11 .. 48	16 .. 29	21
4	7	St. Ambrose	5 .. 41	6 .. 19	8 .. 25 .. 16	12 .. 55	17 .. 32	22
5	D	Ester Sund.	5 .. 40	6 .. 20	9 .. 9 .. 58	13 .. 58	18 .. 35	23
6	2	Easter Mond.	5 .. 39	6 .. 21	9 .. 24 .. 40	14 .. 50	19 .. 35	24
7	3	Easter Tuesd.	5 .. 38	6 .. 22	10 .. 9 .. 14	15 .. 34	20 .. 31	25
8	4		5 .. 36	6 .. 24	10 .. 23 .. 36	16 .. 12	21 .. 24	26
9	5		5 .. 35	6 .. 25	11 .. 7 .. 42	16 .. 44	22 .. 13	27
10	6		5 .. 34	6 .. 26	11 .. 21 .. 29	17 .. 15	23 .. 2	28
11	7		5 .. 33	6 .. 27	0 .. 4 .. 58		23 .. 48	29
12	D	1st Sund. past East.	5 .. 32	6 .. 28	0 .. 18 .. 7	set.	☌	☽
13	2		5 .. 30	6 .. 30	1 .. 0 .. 55	7 .. 14	0 .. 33	1
14	3		5 .. 29	6 .. 31	1 .. 13 .. 27	8 .. 13	1 .. 17	2
15	4		5 .. 28	6 .. 32	1 .. 25 .. 45	9 .. 12	2 .. 4	3
16	5		5 .. 27	6 .. 33	2 .. 7 .. 51	10 .. 12	2 .. 53	4
17	6		5 .. 26	6 .. 34	2 .. 19 .. 47	11 .. 5	3 .. 42	5
18	7		5 .. 25	6 .. 35	3 .. 1 .. 39	11 .. 57	4 .. 32	6
19	D	2nd. Sund. past East.	5 .. 23	6 .. 37	3 .. 13 .. 31	12 .. 45	5 .. 22	7
20	2	☉ enter ♉	5 .. 22	6 .. 38	3 .. 25 .. 20	13 .. 25	6 .. 10	8
21	3		5 .. 21	6 .. 39	4 .. 7 .. 18	14 .. 5	6 .. 58	9
22	4		5 .. 20	6 .. 40	4 .. 19 .. 22	14 .. 36	7 .. 43	10
23	5		5 .. 18	6 .. 42	5 .. 1 .. 39	15 .. 6	8 .. 28	11
24	6		5 .. 17	6 .. 43	5 .. 14 .. 10	15 .. 33	9 .. 13	12
25	7	☿ great elong	5 .. 16	6 .. 44	5 .. 26 .. 56	16 .. 0	9 .. 57	13
26	D	3d. Sund. past East.	5 .. 15	6 .. 45	6 .. 10 .. 2	16 .. 31	10 .. 44	14
27	2		5 .. 14	6 .. 46	6 .. 23 .. 27		11 .. 33	15
28	3		5 .. 13	6 .. 47	7 .. 7 .. 14	rise	12 .. 25	16
29	4		5 .. 12	6 .. 48	7 .. 21 .. 17	8 .. 25	13 .. 22	17
30	5		5 .. 11	6 .. 49	8 .. 5 .. 38	9 .. 37	14 .. 22	18
					8 .. 20 .. 11			

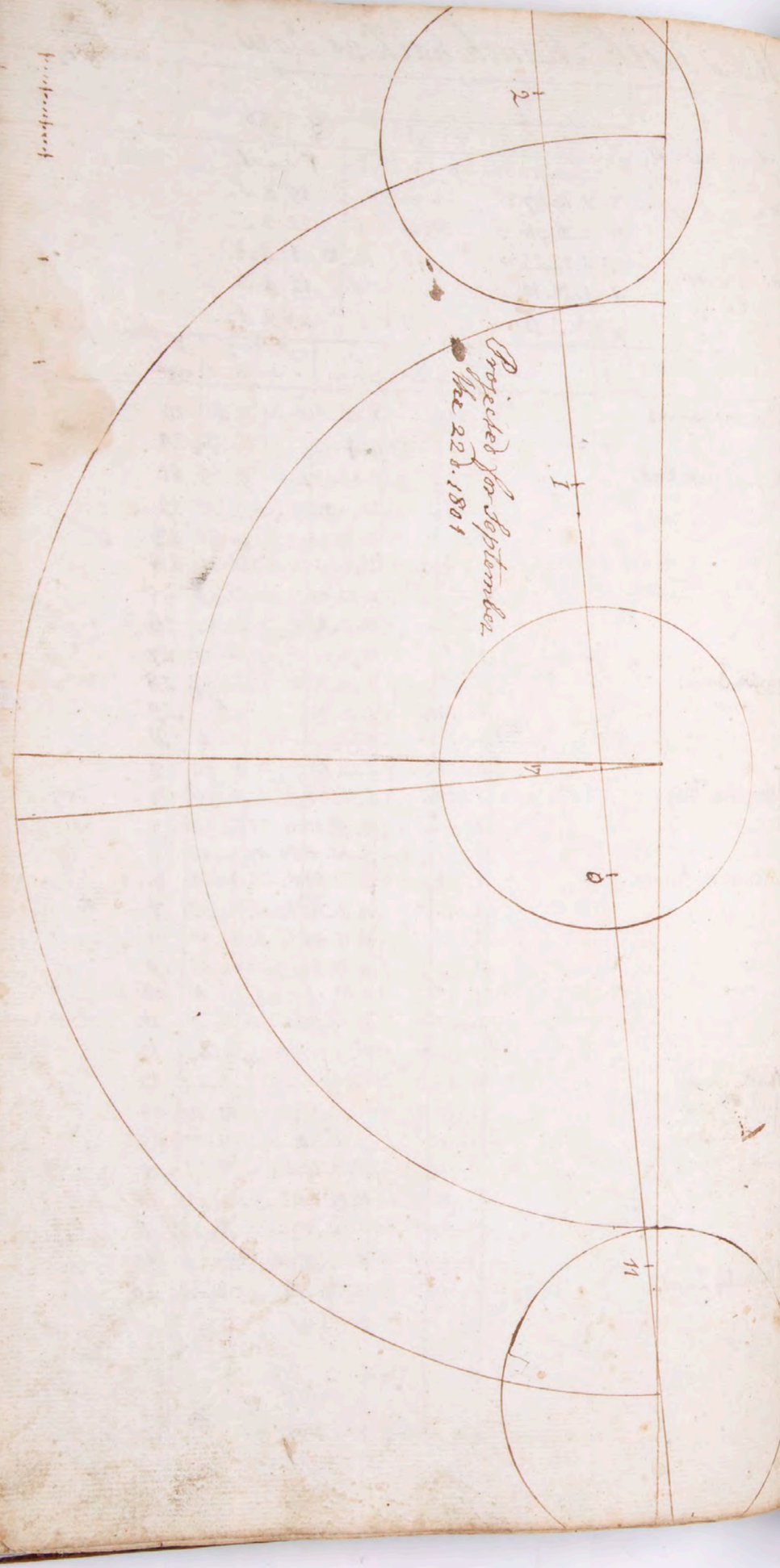
1801 May Fifth Month hath 31 Days

	D	H	M	
Last ☾	5	4	0	morn.
New ☽	12	10	39	morn.
First ☽	20	2	26	aft.
Full ○	27	10	6	aft.

☊ { 1, 11, 21 } ♈ { 8, 7, 6 } deg.

☽	☉ Long.	♄ ♌	♃ ♋	♂ ♋	♀ ♊	☿ ♈	☽'s Lat.
1	1..10.47	17	27	10	13	15	5 S.
7	1..16..36	17	28	13	14	22	2 S.
13	1..22..23	17	29	17	12	♉ 1	4 N.
19	1..28..10	18	♌ 0	19	10	12	4 N.
25	2..3..55	18	0	21	6	23	2 S.

M D	W D		☉ rise	☉ set	☽ Long.	☽ rise	☽ south	☽'s age
1	6	Phillip and James	5..10	6..50	8..20..11	10..45	15..22	19
2	7		5..9	6..51	9..4..52	11..51	16..28	20
3	D	4th Sund. past East.	5..8	6..52	9..19..35	12..48	17..29	21
4	2		5..7	6..53	10..4..12	13..34	18..27	22
5	3		5..5	6..55	10..18..44	14..12	19..20	23
6	4		5..4	6..56	11..3..0	14..45	20..11	24
7	5		5..3	6..57	11..16..58	15..16	20..59	25
8	6		5..2	6..58	0..0..37	15..47	21..47	26
9	7		5..1	6..59	0..13..55	16..13	22..33	27
10	D	Rogation Sund.	5..0	7..0	0..26..56	16..45	23..19	28
11	2		4..59	7..1	1..9..37		&	29
12	3		4..58	7..2	1..22..2	Set	0..6	☽
13	4		4..58	7..2	2..4..14	8..5	0..50	2
14	5	Ascencion Day	4..57	7..3	2..16..14	9..2	1..39	3
15	6		4..56	7..4	2..28..10	9..55	2..30	4
16	7		4..55	7..5	3..10..0	10..42	3..19	5
17	D	Sund. past Ascen.	4..54	7..6	3..21..51	11..27	4..8	6
18	2		4..53	7..7	4..3..45	12..2	4..55	7
19	3		4..52	7..8	4..15..44	12..36	5..40	8
20	4		4..52	7..8	4..27..54	13..6	6..25	9
21	5		4..51	7..9	5..10..14	13..35	7..10	10
22	6		4..51	7..9	5..22..53	14..4	7..55	11
23	7		4..50	7..10	6..5..47	14..33	8..43	12
24	D	Whit-Sund.	4..49	7..11	6..19..2	15..2	9..27	13
25	2	Whit. Mond.	4..48	7..12	7..2..37	15..32	10..17	14
26	3	Whit. Tuesd.	4..47	7..13	7..16..30	—	11..10	15
27	4	☌ ☉ ♀ orient.	4..46	7..14	8..0..43	rise	12..9	16
28	5		4..46	7..14	8..15..10	8..34	13..11	17
29	6		4..45	7..15	8..29..48	9..38	14..13	18
30	7		4..44	7..16	9..14..30	10..32	15..15	19
31	D	Trinity Sund.	4..44	7..16	9..29..11	11..25	16..14	20
					10..13..47			



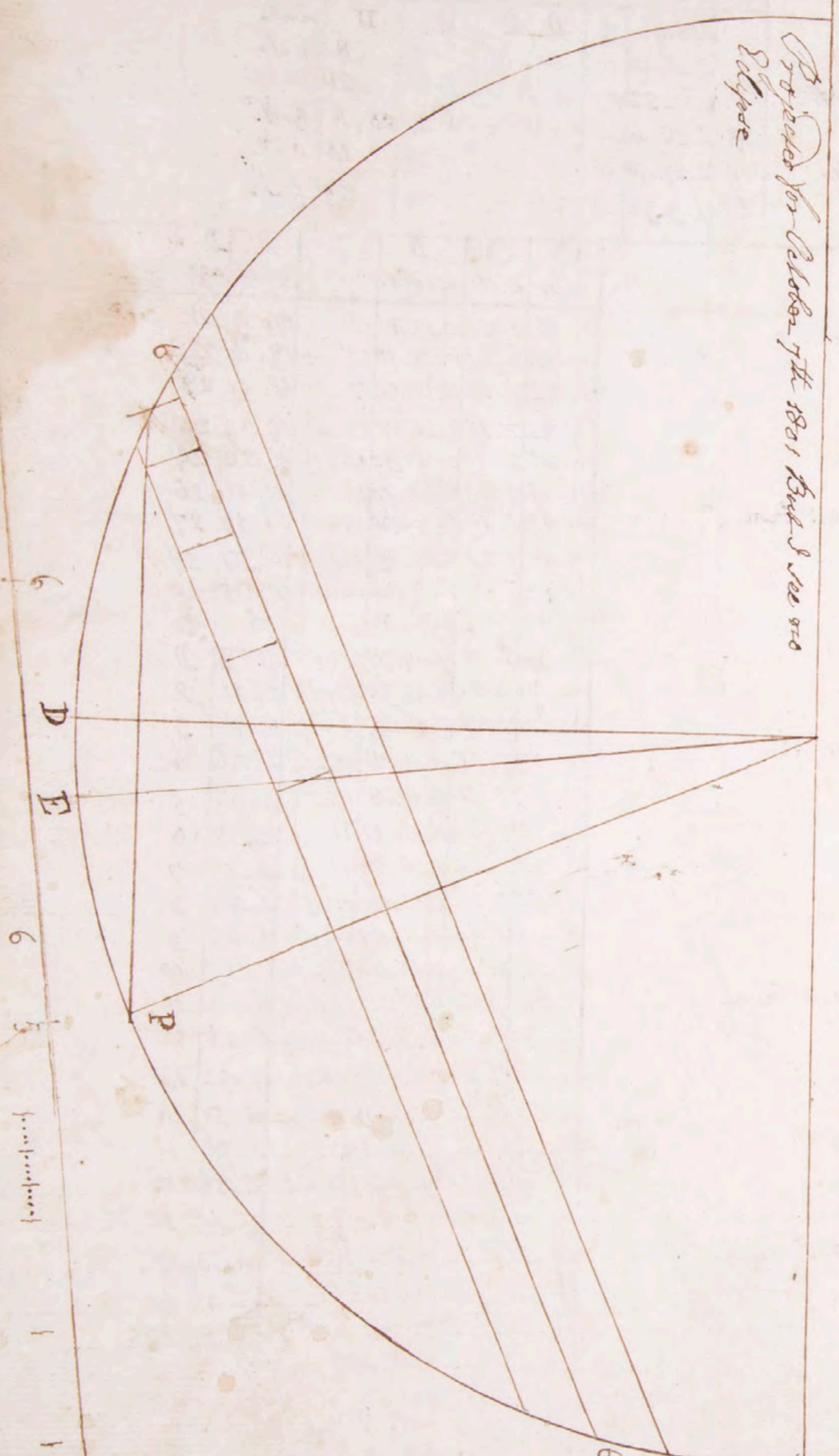
1801 June Sixth Month hath 30 Days —

Last ☽ 3d. 0h. 28m. aft.
New ☽ 11. 3. 14 morn.
First ☽ 19. 7. 34 morn.
Full ☽ 26. 2. 18 aft.

☌ { 1 ♈ 6° / 11 ♈ 5° / 21 5° } deg.

	☽	☉	♄	♃	♂	♀	☿	☽ v
		Long.	♑	♑	♋	♊	♊	Lat.
1		2..10..38	19	2	26	2	8	4 S.
7.		2.16..22	19	3	♑ 2	0	21	3 N.
13		2..22..6	20	4	6	♉ 27	♋ 4	5 N.
19		2..27..50	20	5	9	28	14	0 N.
25		3..3..32	21	6	13	28	25	5 S.

N W ☽ ☽			☉ rise	☉ Set	☽ Long.	☽ rise	☽ South	☽ age
1	2	1st Sund. past Trin.	4..43	7..17	10..13..47	12..9	17..9	21
2	3		4..43	7..17	10..28..11	12..13	18..2	22
3	4		4..42	7..18	11..12..20	13..15	18..51	23
4	5		4..42	7..18	11..26..8	13..46	19..39	24
5	6		4..41	7..19	0..9..39	14..13	20..26	25
6	7		4..41	7..19	0..22..50	14..40	21..11	26
7	D	2nd. Sund past Trin.	4..41	7..19	1..5..40	15..11	21..59	27
8	2		4..40	7..20	1..18..15	15..47	22..47	28
9	3		4..40	7..20	2..0..34	16..24	23..35	29
10	4		4..40	7..20	2..12..41		☌	30
11	5	St Barnabas	4..39	7..21	2..24..38	Set	0..23	☽
12	6		4..39	7..21	3..6..30	8..34	1..11	2
13	7		4..39	7..21	3..18..21	9..17	1..58	3
14	D	3d. Sund. past Trin.	4..39	7..21	4..0..11	9..57	2..46	4
15	2		4..39	7..21	4..12..8	10..32	3..32	5
16	3		4..38	7..22	4..24..12	11..5	4..17	6
17	4		4..38	7..22	5..6..26	11..30	4..59	7
18	5		4..38	7..22	5..18..55	11..57	5..44	8
19	6		4..38	7..22	6..1..40	12..26	6..29	9
20	7		4..38	7..22	6..14..44	12..55	7..15	10
21	D	4th. Sund. past Trin.	4..38	7..22	6..28..7	13..25	8..3	11
22	2		4..38	7..22	7..11..51	14..3	8..55	12
23	3		4..38	7..22	7..25..53	14..45	9..52	13
24	4		4..38	7..22	8..10..11	15..32	10..51	14
25	5		4..38	7..22	8..24..44		11..54	15
26	6		4..38	7..22	9..9..25	rise	12..56	16
27	7		4..38	7..22	9..24..7	9..10	13..55	17
28	D	5th Sund. past Trin.	4..38	7..22	10..8..47	9..56	14..53	18
29	2		4..39	7..21	10..23..18	10..35	15..47	19
30	3		4..39	7..21	11..7..36	11..8	16..37	20
					11..21..35			



1801 July Seventh Month hath 31 Days.

	D	H	M	
Last ☾	2	9	44	aft.
New ☽	10	5	54	aft.
First ☽	18	8	32	morn.
Full ○	25	8	52	morn.

☊ { 1 r 4 / 11 r 4 / 21 3 } deg

D	☉ Long.	♄ ♌	♃ ♌	♂ ♌	♀ ♊	☿ ♌	☽'s Lat.
1	3..9..15	21	7	16	2	4	1 S.
7	3..14.59	22	9	20	5	10	5 N.
13	3..20..42	23	10	24	9	17	3 N.
19	3..26.26	23	11	28	13	♍ 4	3 S.
25	4..2..10	24	13	♍ 2	18	21	4 S.

M D	W D		☉ rise	☉ set	☽ Long.	☽	☽ South	☽ age
1	4	☿ great elong.	4..39	7..21	11..21..35	11..36	17..26	21
2	5		4..39	7..21	0..5..17	12..5	18..12	22
3	6		4..40	7..20	0..18..37	12..35	18..59	23
4	7		4..40	7..20	1..1..39	13..5	19..46	24
5	D		4..40	7..20	1..14..22	13..38	20..34	25
6	2		4..41	7..19	1..26..49	14..13	21..24	26
7	3		4..41	7..19	2..9..3	14..54	22..13	27
8	4		4..42	7..18	2..21..5	15..39	23..2	29
9	5		4..42	7..18	3..3..1		23..50	30
10	6		4..43	7..17	3..14..52	Set	☌	☽
11	7		4..43	7..17	3..26..42	7..50	0..35	1
12	D		4..44	7..16	4..8..34	8..23	1..20	2
13	2		4..44	7..16	4..20..33	8..56	2..5	3
14	3		4..45	7..15	5..2..42	9..26	2..50	4
15	4		4..45	7..15	5..15..2	9..55	3..35	5
16	5		4..46	7..14	5..27..38	10..22	4..19	6
17	6		4..47	7..13	6..10..31	10..50	5..3	7
18	7		4..47	7..13	6..23..43	11..19	5..50	8
19	D		4..48	7..12	7..7..16	11..52	6..40	9
20	2		4..49	7..11	7..21..7	12..31	7..34	10
21	3		4..49	7..11	8..5..19	13..18	8..33	11
22	4		4..50	7..10	8..19..44	14..12	9..35	12
23	5		4..51	7..9	9..4..20	15..15	10..38	13
24	6		4..52	7..8	9..19..2		11..39	14
25	7		4..52	7..8	10..3..45	rise	12..38	15
26	D		4..53	7..7	10..18..21	8..26	13..34	16
27	2		4..54	7..6	11..2..45	9..0	14..26	17
28	3		4..55	7..5	11..16..56	9..33	15..16	18
29	4		4..56	7..4	0..0..49	10..3	16..3	19
30	5		4..57	7..3	0..14..20	10..30	16..50	20
31	6		4..58	7..2	0..27..33	10..59	17..37	21
					1..10..25			

Vol August Eighth Month hath 31 Days.

Last ☽ 1 .. 8 .. 56 morn.
New ☽ 9 .. 11 .. 8 morn.
First ☽ 17 .. 1 .. 24 morn.
Full ○ 23 .. 4 .. 12 aft.
Last ☽ 30 .. 10 .. 8 aft.

☌ 1 11 21 ♈ 3 2 2 deg.

☽	○ Long.	♄	♃	♂	☿	♀	☽ Lat
1	4. 8. 52	25	14	6	♌ 23	18	3 N.
7	4. 14. 36	26	15	9	29	13	5 N.
13	4. 20. 22	26	17	15	♍ 5	8	0 S.
19	4. 26. 8	27	18	20	11	11	5 S.
25	5. 1. 56	28	19	25	17	14	1 S.

N ☽	W ☉		○ rise	○ Set	☽ Long	☽ rise	☽ South	☽ age
1	7	☿ great elong.	4 .. 59	7 .. 1	1 .. 10 .. 25	11 .. 33	18 .. 25	22
2	D		5 .. 0	7 .. 0	1 .. 23 .. 1	12 .. 7	19 .. 18	23
3	2		5 .. 1	6 .. 59	2 .. 5 .. 22	12 .. 49	20 .. 4	24
4	3		5 .. 2	6 .. 58	2 .. 17 .. 30	13 .. 31	20 .. 54	25
5	4		5 .. 3	6 .. 57	2 .. 29 .. 29	14 .. 19	21 .. 44	26
6	5		5 .. 4	6 .. 56	3 .. 11 .. 20	15 .. 9	22 .. 32	27
7	6		5 .. 5	6 .. 55	3 .. 23 .. 11	16 .. 1	23 .. 20	28
8	7		5 .. 6	6 .. 54	4 .. 5 .. 2		8	29
9	D		5 .. 7	6 .. 53	4 .. 16 .. 58	set	0 .. 6	D
10	2		5 .. 8	6 .. 52	4 .. 29 .. 1	7 .. 29	0 .. 48	1
11	3		5 .. 9	6 .. 51	5 .. 11 .. 13	7 .. 54	1 .. 30	2
12	4		5 .. 10	6 .. 50	5 .. 23 .. 41	8 .. 22	2 .. 13	3
13	5		5 .. 11	6 .. 49	6 .. 6 .. 24	8 .. 51	2 .. 58	4
14	6		5 .. 12	6 .. 48	6 .. 19 .. 25	9 .. 20	3 .. 44	5
15	7		5 .. 13	6 .. 47	7 .. 2 .. 47	9 .. 50	4 .. 33	6
16	D		5 .. 14	6 .. 46	7 .. 16 .. 28	10 .. 26	5 .. 26	7
17	2		5 .. 15	6 .. 45	8 .. 0 .. 29	11 .. 12	6 .. 23	8
18	3		5 .. 16	6 .. 44	8 .. 14 .. 46	12 .. 0	7 .. 23	9
19	4		5 .. 18	6 .. 42	8 .. 29 .. 17	13 .. 0	8 .. 25	10
20	5		5 .. 19	6 .. 41	9 .. 13 .. 56	14 .. 5	9 .. 28	11
21	6		5 .. 20	6 .. 40	9 .. 28 .. 39	15 .. 17	10 .. 28	12
22	7		5 .. 21	6 .. 39	10 .. 13 .. 21		11 .. 26	13
23	D		5 .. 22	6 .. 38	10 .. 27 .. 52	16 .. 56	12 .. 21	14
24	2		5 .. 23	6 .. 37	11 .. 12 .. 11	17 .. 35	13 .. 11	15
25	3		5 .. 24	6 .. 36	11 .. 26 .. 12	18 .. 7	14 .. 0	16
26	4	☿ great elong.	5 .. 26	6 .. 34	0 .. 9 .. 56	18 .. 34	14 .. 47	17
27	5		5 .. 27	6 .. 33	0 .. 23 .. 20	19 .. 4	15 .. 35	18
28	6		5 .. 28	6 .. 32	1 .. 6 .. 24	19 .. 35	16 .. 23	19
29	7		5 .. 29	6 .. 31	1 .. 19 .. 10	20 .. 10	17 .. 13	20
30	D		5 .. 30	6 .. 30	2 .. 1 .. 37	20 .. 48	18 .. 3	21
31	2		5 .. 32	6 .. 28	2 .. 13 .. 51	21 .. 30	18 .. 53	22
					2 .. 25 .. 55			

1801 September Ninth Month hath 30 Days.

	h. m.
☽ New	8 .. 2 .. 55 morn.
☽ First	2 .. 15 .. 8 .. 5 morn.
Full ☉	22 .. 1 .. 4 morn.
Last ☽	29 .. 3 .. 26 aft.

☌ { 1 11 21 ♈ 1 0 0 } deg.

	☽	☉ Long.	♄	♃	♂	♀	☿	☊ Lat.
			♌	♌	♍	♋	♌	
	1	5 .. 8 .. 42	29	21	27	24	23	5 N.
	7	5 .. 14 .. 32	29	22	29	♌ 2	♍ 4	2 N.
	13	5 .. 20 .. 22	♍ 0	23	♎ 3	8	16	4 S.
	19	5 .. 26 .. 13	1	25	7	15	26	3 S.
	25	6 .. 2 .. 6	2	26	11	25	♎ 7	4 N.

M. D.	W. D.	☉ rise	☉ Sot	☽ Long.	☽ rise	☽ North	☽ age
1	3	5 .. 33	6 .. 27	2 .. 25 .. 55	12 .. 20	19 .. 43	23
2	4	5 .. 34	6 .. 26	3 .. 7 .. 51	13 .. 10	20 .. 33	24
3	5	5 .. 35	6 .. 25	3 .. 19 .. 43	14 .. 2	21 .. 21	25
4	6	5 .. 36	6 .. 24	4 .. 1 .. 33	14 .. 57	22 .. 8	26
5	7	5 .. 38	6 .. 22	4 .. 13 .. 25	15 .. 53	22 .. 53	27
6	D	5 .. 39	6 .. 21	4 .. 25 .. 22	16 .. 52	23 .. 37	28
7	2	5 .. 40	6 .. 20	5 .. 7 .. 29		♂	29
8	3	5 .. 41	6 .. 19	5 .. 19 .. 45	Set.	0 .. 20	☽
9	4	5 .. 43	6 .. 17	6 .. 2 .. 23	6 .. 58	1 .. 1	2
10	5	5 .. 44	6 .. 16	6 .. 15 .. 14	7 .. 26	1 .. 46	3
11	6	5 .. 45	6 .. 15	6 .. 28 .. 24	7 .. 55	2 .. 33	4
12	7	5 .. 46	6 .. 14	7 .. 11 .. 54	8 .. 31	3 .. 23	5
13	D	5 .. 48	6 .. 12	7 .. 25 .. 43	9 .. 13	4 .. 20	6
14	2	5 .. 49	6 .. 11	8 .. 9 .. 52	9 .. 59	5 .. 18	7
15	3	5 .. 50	6 .. 10	8 .. 24 .. 17	10 .. 56	6 .. 19	8
16	4	5 .. 52	6 .. 8	9 .. 8 .. 51	11 .. 59	7 .. 22	9
17	5	5 .. 53	6 .. 7	9 .. 23 .. 34	13 .. 9	8 .. 24	10
18	6	5 .. 54	6 .. 6	10 .. 8 .. 16	14 .. 20	9 .. 23	11
19	7	5 .. 55	6 .. 5	10 .. 22 .. 53	15 .. 31	10 .. 19	12
20	D	5 .. 56	6 .. 4	11 .. 7 .. 21	16 .. 40	11 .. 11	13
21	2	5 .. 58	6 .. 2	11 .. 21 .. 33		12 .. 1	14
22	3	5 .. 59	6 .. 1	0 .. 5 .. 27	rise	12 .. 50	15
23	4	6 .. 0	6 .. 0	0 .. 19 .. 1	7 .. 14	13 .. 38	16
24	5	6 .. 2	5 .. 58	1 .. 2 .. 16	7 .. 45	14 .. 26	17
25	6	6 .. 3	5 .. 57	1 .. 15 .. 10	8 .. 19	15 .. 15	18
26	7	6 .. 4	5 .. 56	1 .. 27 .. 48	8 .. 54	16 .. 5	19
27	D	6 .. 5	5 .. 55	2 .. 10 .. 11	9 .. 37	16 .. 56	20
28	2	6 .. 7	5 .. 53	2 .. 22 .. 19	10 .. 24	17 .. 47	21
29	3	6 .. 8	5 .. 52	3 .. 4 .. 19	11 .. 13	18 .. 36	22
30	4	6 .. 9	5 .. 51	3 .. 16 .. 12	12 .. 2	19 .. 25	23
				3 .. 28 .. 3			

1801 October Tenth Month hath 31 Days

	D. h. m.	
New ☽	7..5..36	aft.
First ☾	14..4..43	aft.
Full ○	21..11..36	morn
Last ☾	29..10..52	morn

☊ ♓ {1: 29, 11: 29, 21: 28} deg.

D	☉ Long.	♄ ♍	♃ ♌	♂ ♎	♀ ♍	☿ ♎	☽ Lat.
1	6..8..0	2	27	15	4	17	5 N.
7	6..13..56	3	28	19	9	27	1 S.
13	6..19..53	4	29	23	13	♏ 6	5 S.
19	6..25..52	4	♍ 0	27	21	15	0 N.
25	7..1..49	5	1	♏ 0	28	23	5 N.

M D	W D		☉ rise	☉ set	☽ Long	☽ rise	☽ South	☽'s age
1	5		6..11	5..49	3..28..3	12..58	20..13	24
2	6		6..12	5..48	4..9..54	13..55	20..58	25
3	7		6..13	5..47	4..21..48	14..54	21..42	26
4	D		6..14	5..46	5..3..50	15..52	22..26	27
5	2		6..15	5..45	5..16..1	16..49	23..9	28
6	3		6..17	5..43	5..28..26		23..52	29
7	4		6..18	5..42	6..11..7	set	☌	☽
8	5		6..19	5..41	6..24..8	6..5	0..36	1
9	6		6..20	5..40	7..7..27	6..37	1..25	2
10	7		6..22	5..38	7..21..5	7..13	2..16	3
11	D		6..23	5..37	8..5..4	8..0	3..15	4
12	2		6..24	5..36	8..19..20	8..52	4..15	5
13	3		6..25	5..35	9..3..49	9..54	5..17	6
14	4		6..27	5..33	9..18..29	11..0	6..19	7
15	5		6..28	5..32	10..3..11	12..8	7..19	8
16	6		6..29	5..31	10..17..52	13..20	8..15	9
17	7		6..30	5..30	11..2..25	14..32	9..10	10
18	D		6..32	5..28	11..16..46	15..44	10..1	11
19	2		6..33	5..27	0..0..50	16..50	10..50	12
20	3		6..34	5..26	0..14..35		11..39	13
21	4		6..35	5..25	0..28..2	rise	12..27	14
22	5		6..36	5..24	1..11..7	6..24	13..16	15
23	6		6..38	5..22	1..23..54	6..58	14..5	16
24	7		6..39	5..21	2..6..24	7..41	14..56	17
25	D		6..40	5..20	2..18..41	8..24	15..47	18
26	2		6..41	5..19	3..0..45	9..12	16..37	19
27	3		6..42	5..18	3..12..41	10..3	17..26	20
28	4		6..44	5..16	3..24..33	10..56	18..13	21
29	5		6..45	5..15	4..6..23	11..52	18..59	22
30	6		6..46	5..14	4..18..15	12..49	19..43	23
31	7		6..47	5..13	5..0..12	13..46	20..26	24
					5..12..18			

It is Said and generally believed that when the Moon is Changing that She is in conjuntion with the Sun viz. in the Same Sign, the Same degree and minute with him, likewise when the Moon is full that She is ~~direct~~ in direct opposition to the Sun being in the opposite Sign, degre and minute to him; but it will not be the case, ~~tho ...~~ in Calculations tho made by best of Calculators
I have taken all the fulls and new Moons ~~out~~ from the Nautical Almanac for the year 1781 and have given the difference at each time in motion

	d	h	m	difference ☉ a ☽ ° ′	
January full Moon	9	21	4	1 . 46	☉ greatest
January new Moon	24	0	11	0 . 1	
February full Moon	8	8	28	0 . 58	☉ greatest
February New Moon	22	17	55	0 . 1	
March full Moon	9	18	32	0 . 20	
March New Moon	24	12	7	0 . 12	☽ greatest
April full Moon	8	3	41	0 . 28	☉ greatest
April new Moon	23	5	21	0 . 12	☽ greatest
May full Moon	7	12	18	1 . 22	☉ greatest
May New Moon	22	20	21	0 . 9	☉ greatest
June full Moon	5	20	53	1 . 49	☉ greatest
June New Moon	21	8	34	0 . 21	☉ greatest
July full Moon	5	6	18	0 . 14	☉ greatest
July New Moon	20	18	33	1 . 15	☉ greatest
August full Moon	3	17	31	0 . 31	☉ greatest
August New Moon	19	3	20	0 . 21	☉ greatest
Septemb full Moon	2	7	25	0 . 0	
Septemb New Moon	17	11	58	1 . 25	☉ greatest
October full Moon	2	0	2	0 . 2	☽ greatest
October new Moon	16	21	9	2 . 44	☉ greatest 2 . 44
October full Moon	31	18	29	0 . 20	☽ greatest
Novemb new Moon	15	7	12	0 . 52	☉ greatest
November full Moon	30	12	55	0 . 2	☽ greatest
Decemb new Moon	14	18	15	1 . 50	☉ greatest
Decemb full Moon	30	5	54	0 . 9	☉ greatest

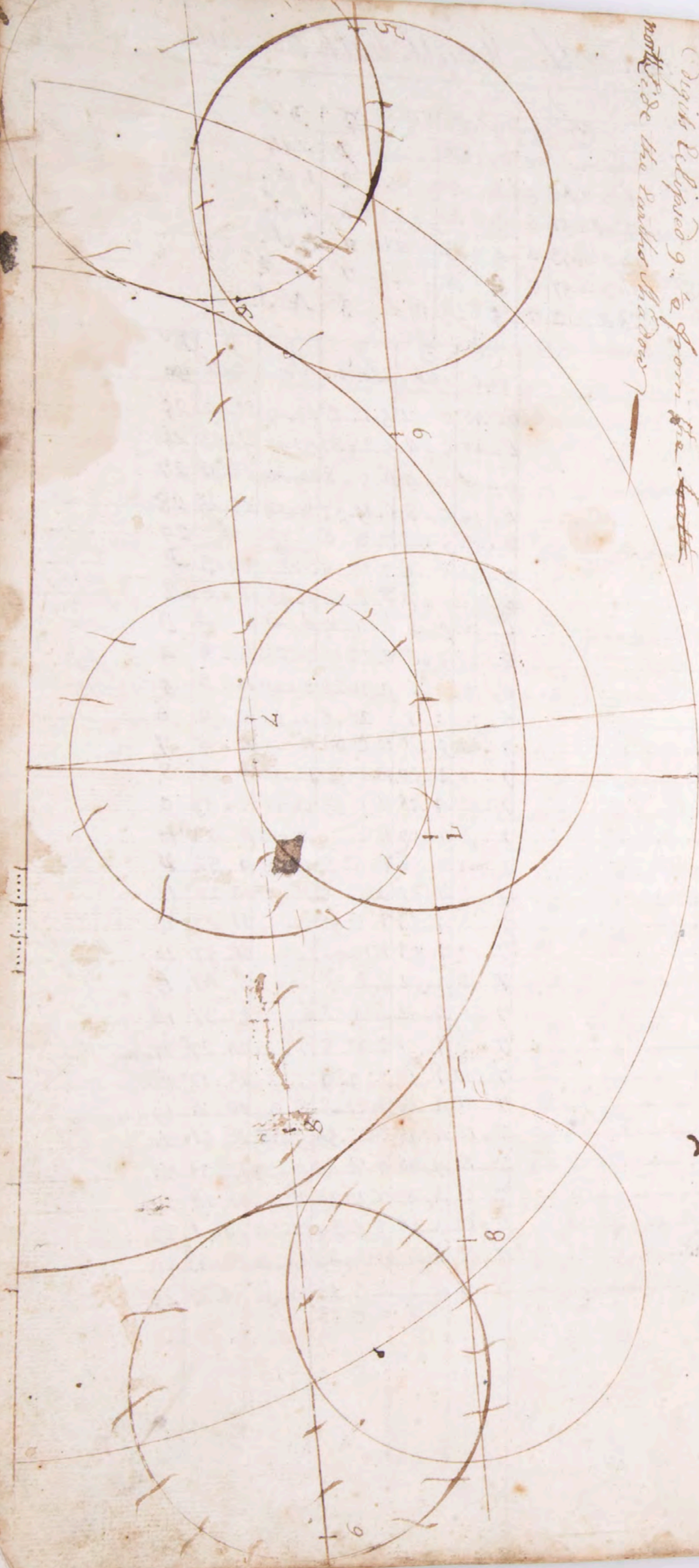
1801 November Eleventh Month hath 30 Days

	d	h	m	
New ☽	6	6	38	morn.
First ☽	12	11	4	morn.
Full ○	20	1	50	morn.
Last ☽	28	6	56	morn.

☊ { 1 ♓ 28, 11 27, 21 27 } deg.

D	☉ Long.	♄ ♍	♃ ♍	♂ ♏	♀ ♎	☿ ♐	☽'s Lat.
1	7 . 8 . 49	5	2	4	6	2	1 N.
7	7 . 14 . 51	6	3	8	14	6	4 S.
13	7 . 20 . 53	6	4	13	21	11	3 S.
19	7 . 26 . 57	7	4	18	29	7	4 N.
25	8 . 3 . 2	7	5	23	♏ 6	3	4 S.

M D	W D		☉ rise	☉ set	☽ Long.	☽ rise	☽ South	☽'s age
1	D		6 . 48	5 . 12	5 . 12 . 18	14 . 45	21 . 9	25
2	2		6 . 49	5 . 11	5 . 24 . 37	15 . 46	21 . 53	26
3	3		6 . 51	5 . 9	6 . 7 . 8	16 . 48	22 . 38	27
4	4		6 . 52	5 . 8	6 . 19 . 57	17 . 52	23 . 25	28
5	5		6 . 53	5 . 7	7 . 3 . 6		☌	29
6	6		6 . 54	5 . 6	7 . 16 . 34	set.	0 . 13	☽
7	7		6 . 55	5 . 5	8 . 0 . 22	5 . 55	1 . 6	2
8	D		6 . 56	5 . 4	8 . 14 . 27	6 . 41	2 . 4	3
9	2		6 . 57	5 . 3	8 . 28 . 50	7 . 42	3 . 6	4
10	3		6 . 58	5 . 2	9 . 13 . 24	8 . 45	4 . 8	5
11	4		6 . 59	5 . 1	9 . 28 . 6	9 . 54	5 . 9	6
12	5		7 . 0	5 . 0	10 . 12 . 48	11 . 5	6 . 5	7
13	6		7 . 1	4 . 59	10 . 27 . 27	12 . 16	7 . 1	8
14	7		7 . 2	4 . 58	11 . 11 . 55	13 . 28	7 . 53	9
15	D		7 . 3	4 . 57	11 . 26 . 9	14 . 37	8 . 43	10
16	2		7 . 4	4 . 56	0 . 10 . 5	15 . 45	9 . 32	11
17	3		7 . 5	4 . 55	0 . 23 . 42	16 . 51	10 . 20	12
18	4		7 . 6	4 . 54	1 . 6 . 58	17 . 55	11 . 7	13
19	5		7 . 7	4 . 53	1 . 19 . 56		11 . 57	14
20	6		7 . 8	4 . 52	2 . 2 . 35	rise	12 . 47	15
21	7		7 . 8	4 . 52	2 . 14 . 58	6 . 14	13 . 37	16
22	D		7 . 9	4 . 51	2 . 27 . 8	7 . 4	14 . 27	17
23	2		7 . 10	4 . 50	3 . 9 . 9	7 . 54	15 . 17	18
24	3		7 . 11	4 . 49	3 . 21 . 3	8 . 45	16 . 4	19
25	4	☌ ☉ ☿	7 . 12	4 . 48	4 . 2 . 54	9 . 38	16 . 51	20
26	5		7 . 12	4 . 48	4 . 14 . 44	10 . 37	17 . 35	21
27	6		7 . 13	4 . 47	4 . 26 . 38	11 . 36	18 . 18	22
28	7		7 . 14	4 . 46	5 . 8 . 39	12 . 34	19 . 1	23
29	D	Advent Sund.	7 . 15	4 . 45	5 . 20 . 49	13 . 30	19 . 43	24
30	2		7 . 15	4 . 45	6 . 3 . 13 6 . 15 . 53	14 . 30	20 . 27	25



This projection was laid down for an Eclipse of Moon September 11th 1802

	h m	
Beginning	5 .. 26	P.M
The middle	6 .. 44	
The end	8 .. 6	
Duaration	2 .. 40	

Digits Eclipsed 9..½ from the ~~South~~ north Side the Earths Shadow

1801 December Twelfth Month hath 31 Days

New ☽ 5 .. 6 .. 51 morn.
First ☾ 12 .. 9 .. 50 morn.
Full ☉ 19 .. 7 .. 42 aft.
Last ☾ 28 .. 0 .. 10 morn.
☊ {1 ♓ 26, 11 26, 21 25} deg.

D	☉	♄	♃	♂	♀	☿	☽'s
	Long	♍	♍	♏	♏	♏	Lat.
1	8 .. 9 .. 7	7	5	27	14	26	2 S.
7	8 .. 15 .. 10	7	5	♐ 1	21	28	5 S.
13	8 .. 21 .. 17	7	6	5	29	♐ 0	1 N.
19	8 .. 27 .. 23	7	6	10	♐ 6	8	5 N.
25	9 .. 3 .. 31	7	6	14	14	15	2 N.

M D	W D	☉ rise	☉ set	☽ Long.	☽ rise	☽ South	☽'s age
1	3	7 .. 16	4 .. 44	6 .. 15 .. 53	15 .. 31	21 .. 12	26
2	4	7 .. 16	4 .. 44	6 .. 28 .. 50	16 .. 38	22 .. 1	27
3	5	7 .. 17	4 .. 43	7 .. 12 .. 7	17 .. 45	22 .. 52	28
4	6	7 .. 18	4 .. 42	7 .. 25 .. 43		23 .. 49	29
5	7	7 .. 18	4 .. 42	8 .. 9 .. 40	set	6	☽
6	D	7 .. 19	4 .. 41	8 .. 23 .. 54	5 .. 22	0 .. 45	
7	2	7 .. 19	4 .. 41	9 .. 8 .. 24	6 .. 22	1 .. 45	
8	3	7 .. 20	4 .. 40	9 .. 23 .. 2	7 .. 28	2 .. 47	
9	4	7 .. 20	4 .. 40	10 .. 7 .. 43	8 .. 40	3 .. 46	
10	5	7 .. 20	4 .. 40	10 .. 22 .. 25	9 .. 52	4 .. 41	
11	6	7 .. 21	4 .. 39	11 .. 6 .. 58	11 .. 3	5 .. 34	
12	7	7 .. 21	4 .. 39	11 .. 21 .. 22	12 .. 13	6 .. 26	
13	D	7 .. 21	4 .. 39	0 .. 5 .. 27	13 .. 22	7 .. 15	
14	2	7 .. 21	4 .. 39	0 .. 19 .. 14	14 .. 29	8 .. 3	
15	3	7 .. 22	4 .. 38	1 .. 2 .. 43	15 .. 35	8 .. 51	
16	4	7 .. 22	4 .. 38	1 .. 15 .. 51	16 .. 39	9 .. 39	
17	5	7 .. 22	4 .. 38	1 .. 28 .. 40	17 .. 40	10 .. 29	
18	6	7 .. 22	4 .. 38	2 .. 11 .. 12		11 .. 19	
19	7	7 .. 22	4 .. 38	2 .. 23 .. 29	rise	12 .. 9	
20	D	7 .. 22	4 .. 38	3 .. 5 .. 34	5 .. 36	12 .. 59	
21	2	7 .. 22	4 .. 38	3 .. 17 .. 31	6 .. 30	13 .. 48	
22	3	7 .. 22	4 .. 38	3 .. 29 .. 24	7 .. 23	14 .. 34	
23	4	7 .. 22	4 .. 38	4 .. 11 .. 13	8 .. 17	15 .. 18	
24	5	7 .. 22	4 .. 38	4 .. 23 .. 5	9 .. 13	16 .. 1	
25	6	7 .. 22	4 .. 38	5 .. 5 .. 3	10 .. 10	16 .. 44	
26	7	7 .. 22	4 .. 38	5 .. 17 .. 7	11 .. 10	17 .. 27	
27	D	7 .. 22	4 .. 38	5 .. 29 .. 23	12 .. 11	18 .. 8	
28	2	7 .. 22	4 .. 38	6 .. 11 .. 54	13 .. 13	18 .. 54	
29	3	7 .. 21	4 .. 39	6 .. 24 .. 41	14 .. 16	19 .. 40	
30	4	7 .. 21	4 .. 39	7 .. 7 .. 47	15 .. 20	20 .. 30	
31	5	7 .. 21	4 .. 39	7 .. 21 .. 13	16 .. 28	21 .. 25	
			1802	8 .. 4 .. 59			

Radical D. march	Mean New Moon in March			Sun's mean Anomaly			Moon's mean Anomaly			Sun's Dist. from ☊		
	D	H	M	s	°	′	s	°	′	s	°	′
1802	3	13	0	8	1	10	6	20	29	0	9	29
~~1803~~	~~22~~	~~10~~	~~33~~	~~8~~	~~20~~	~~4~~	~~6~~	~~3~~	~~10~~	~~0~~	~~28~~	~~44~~

Common Notes and moveable Feasts for the Year 1802

Dominical Letter	C
Cycle of the Sun	19
Golden Number	17
Epact	26
Number of Direction	28

Eclipses for the Year 1802

~~First of the Sun March the third about midnight therefore invisible on this Side of the globe~~

~~Second of the Moon March the 19th about Sunrise, moon Sets 1 digit. a very small eclipse eclipsed on her ~~North~~ north Limb~~

Third ~~of the moon September 11~~ is a visible Eclipse of the Moon September 11th

	h	m
Begining	5	32
Beginning of total darkness	6	6
~~Middle of Eclipse~~ middle	7	6
End of total Darkness	8	2
End of Eclipse	8	36
Duration	3	4

~~P. M. ~~quite eclipsed on~~ 15 digits eclipsed from the South of Earths Shadow~~

1802 January first Month hath 31 Days

	D	h	m	
New ☽	4	4	34	morn
First ☾	10	9	42	aft.
Full ○	18	4	56	aft.
Last ☾	26	4	38	aft

☊ { 1 ♓ 25, 11 ♓ 24, 21 — 24 } deg.

☽	☉ Long.
1	9..10..39
7	9..16..47
13	9..22..54
19	9..29..0
25	10..5..6

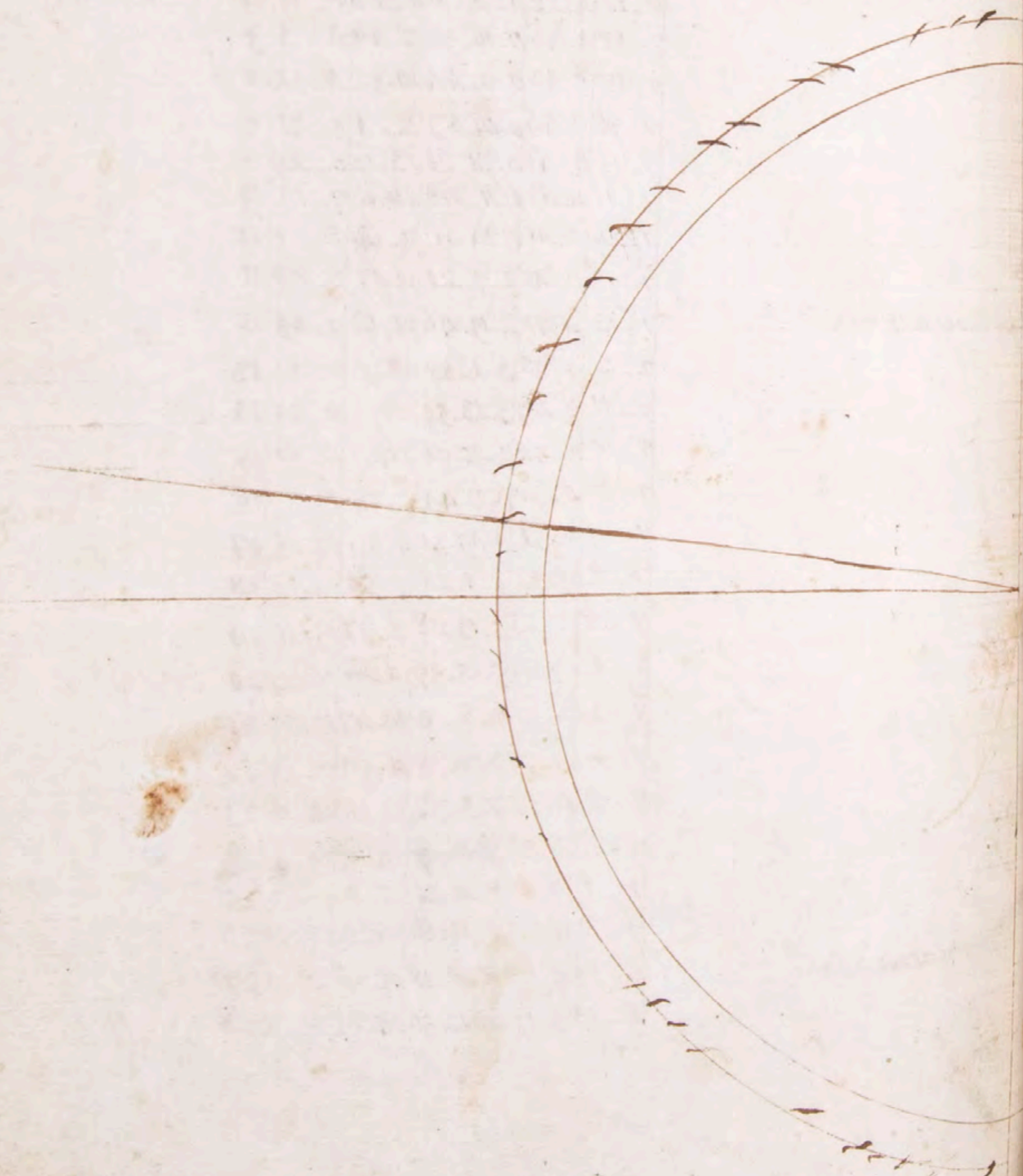
M D	W D	Remarkable Days Aspects weather &c	☉ rise	☉ set	☽ Long.	☽ rise	☽ South	☽ age
1	6		7..20	4..40	8..4..59	17..36	22..21	27
2	7		7..20	4..40	8..19..3	18..45	23..22	28
3	C		7..20	4..40	9..3..23		☌	☽
4	2		7..19	4..41	9..17..56	set	0..24	1
5	3		7..19	4..41	10..2..38	6..8	1..19	2
6	4		7..18	4..42	10..17..22	7..18	2..14	3
7	5		7..18	4..42	11..2..0	8..32	3..10	4
8	6		7..17	4..43	11..16..30	9..44	4..3	5
9	7		7..17	4..43	0..0..44	10..52	4..52	6
10	C		7..16	4..44	0..14..43	12..1	5..41	7
11	2		7..15	4..45	0..28..21	13..7	6..29	8
12	3		7..15	4..45	1..11..40	14..11	7..18	9
13	4		7..14	4..46	1..24..41	15..14	8..7	10
14	5		7..13	4..47	2..7..21	16..17	8..58	11
15	6	days increase 18 min	7..13	4..47	2..19..46	17..12	9..49	12
16	7		7..12	4..48	3..1..57	18..5	10..40	13
17	C		7..11	4..49	3..13..59		11..29	14
18	2		7..10	4..50	3..25..54	rise	12..17	15
19	3		7..10	4..50	4..7..44	5..59	13..2	16
20	4		7..9	4..51	4..19..35	6..54	13..46	17
21	5		7..8	4..52	5..1..28	7..50	14..29	18
22	6		7..7	4..53	5..13..28	8..47	15..11	19
23	7		7..6	4..54	5..25..37	9..46	15..53	20
24	C		7..5	4..55	6..8..0	10..47	16..37	21
25	2		7..4	4..56	6..20..38	11..50	17..23	22
26	3		7..3	4..57	7..3..32	12..55	18..10	23
27	4		7..2	4..58	7..16..17	14..3	19..[illegible]	24
28	5		7..1	4..59	8..0..21	15..11	20..0	25
29	6		7..0	5..0	8..14..16	16..22	20..59	26
30	7	days increase 46 m.	6..59	5..1	8..28..28	17..26	22..1	27
31	C		6..58	5..2	9..12..56	18..25	23..2	28

In the year 1795, according to the Nautical Almanac the Moon was full ~~the Changes~~ that year in the month February — 3..12..32
But according to Doc. Leadbetter the moon was full — 3..9..44

By the Nautical Almanac New Moon in February — 19..1..5
By Leadbetter's method New Moon in February — 19..3..16

1795 By the Nautical Almanac Full Moon in ~~February~~ March — 5..5..[illegible]
By Leadbetter's method Full Moon in March — 5..2..44

1795 By the Nautical Almanac New moon in March — 20..11..[illegible]
By Leadbetter's method New moon in ~~March~~ March — 20..13..40



1802 February Second Month hath 28 Days —

	d	h	m	
New ☽	2	1	40	aft.
First ☾	9	11	20	morn.
Full ○	17	0	58	aft.
Last ☾	25	4	41	morn.

1	♓ 23	deg.
☉ 11	♓ 23	deg.
21	♓ 22	deg.

☽	☉ Long.
1	10..12..12
7	10..18..16
13	10..24..20
19	11..0..23
25	11..6..26

M D	W D		☉ rise	☉ set	☽ Long.	☽ rise	☽ South
1	2		6..57	5..3	9..27..33		23..57
2	3		6..56	5..4	10..12..14	set	☌
3	4		6..55	5..5	10..26..58	6..6	0..51
4	5		6..54	5..6	11..11..32	7..21	1..45
5	6		6..53	5..7	11..25..56	8..29	2..36
6	7		6..52	5..8	0..10..5	9..37	3..27
7	C		6..51	5..9	0..23..54	10..45	4..17
8	2		6..50	5..10	1..7..24	11..53	5..7
9	3		6..49	5..11	1..20..34	13..0	5..57
10	4		6..48	5..12	2..3..25	14..2	6..47
11	5		6..46	5..14	2..16..0	14..57	7..38
12	6		6..45	5..15	2..28..18	15..54	8..29
13	7		6..44	5..16	3..10..24	16..42	9..19
14	C	Septuages. Sund.	6..43	5..17	3..22..22	17..26	10..7
15	2		6..42	5..18	4..4..14	18..1	10..54
16	3		6..40	5..20	4..16..4		11..39
17	4		6..39	5..21	4..27..56	rise	12..22
18	5		6..38	5..22	5..9..53	6..37	13..4
19	6		6..36	5..24	5..21..56	7..37	13..46
20	7		6..35	5..25	6..4..11	8..37	14..29
21	C		6..34	5..26	6..16..42	9..38	15..14
22	2		6..33	5..27	6..29..24	10..39	16..1
23	3		6..32	5..28	7..12..29	11..43	16..51
24	4		6..31	5..29	7..25..52	12..53	17..46
25	5		6..30	5..30	8..9..36	14..4	18..45
26	6		6..28	5..32	8..23..38	15..10	19..47
27	7		6..27	5..33	9..7..57	16..11	20..48
28	C	Quinqua Sund.	6..26	5..34	9..22..29	17..7	21..48

1801 Articles Rec^d of Ellicott & Co. for the fourth payment

Date	Articles	£ s d
Decemb. 23	7 3/4 ll pork a 1 S ℘ll	
	paid the taylor for making my Breeches	£0..7..9
January 15	10 1/2 ll pork at 8d. ℘ll	
1802	1/2 gallon molasses at 5/6 ℘ gal.	0..7..
February 2	A pair of Shoes at	0..2..
March 3	7 3/4 ll pork a 11 d. ℘ll	0..11..
March 29	7 1/2 ll pork a 9d ℘ll	0..7..
	A Small water pail 18d	0..5..
April 15	A fine hat a 4 dollars =	0..1[illegible]
		2..2..
	7 1/4 ll pork a 11.d ℘ll	1..10..
	1/2 Bushel of Corn	0..6..
April 28	8 ll pork a 8d. ℘ll	0..2.6
	1/2 Bushel Corn a 2/6	0..5..
		0..2..
		4..9..
May 10	11 ll pork at 1 S ℘ll	0..11
	~~a pound at~~ 1/2 pound Candles & a pound Soap	0..1
May 20	a gun lock at	0..9
	1/2 Bushel Corn 2/6 and 1/2 gal molasses 2/3	0..4
		5..16..
June 23	paid the Sheriff	0..4..
June 26	3 1/4 yd^s Irish linnen a 4 S ℘yd	0..1[illegible]
	3 1/2 yds linnen ~~at~~ 2/6 ℘yd	0..8..
	Thread and Buttons	0..0..
July	1/2 Bushel of corn, a	0..2..
July 8	Cash to pay for a Book - 3 Dollars =	1..2..
	Cash Receiv'd said day 1 Dollar. =	0..7..
		8..16..
Aug^t 4	a padlock 2 S. 1/4 ll powder 16 1/2 d. potshot 9d.	0..4..
	8 ll pork a 10d. ℘ll, 1/2 ll Soap a 6d.	0..7..
Sep^t 13	1/2 Bushel Corn a 5 S ℘ Bush	0..2..
Oc^t 26	a pair of Shoes at	0..11..
		10..1[illegible]
Nov. 16	Cash Receiv'd.	1..18..
		12..0..

1802 Articles Receiv'd of Ellicott & Co. for fifth payment

Date	Articles	£ s d
Nov^r. 16	3 1/2 yd^s Cloth at 10 S. ℘yd.	£1..15..
	Trimmings for a great Coat	0..12..
January 10	paid Jacob Thomas	0..4..6
	A pair of Shoes	0..12..
1803 March 22	A [illegible] at 3/6. A yard Linnen 2/9	0..[illegible]
	A pair Stockings 10 S. A pair Scissars 1/[illegible]	0..[illegible]
	1/4 ll powder 1/3. A comb [illegible]	0..[illegible]
April 18	1/2 gallon molass 2/3 a pen knife 1/6	4..7..
April 19	Cash of John Ellicott	0..7..
May 19	paid the Sheriff	0..4..
turn over	2 leaves	

March Third Month hath 31 Days

h m		☽	☉ Long.
11..58	aft.	1	11..10.26
..4..52	mor.	7	11..16.26
9..5..24	morn.	13	11..22.26
6..8..9	morn.	19	11..28.24
21, 21, 20	deg.	25	0..4..21

	☉ rise	☉ set	☽ Long.	☽ rise	☽ South
	6..25	5..35	10..7..10	17..53	22..46
..ve Tuesd.	6..24	5..36	10..21..53		23..40
..wednesd.	6..23	5..37	11..6..32	Set	☌
	6..22	5..38	11..21..3	6..20	0..33
	6..21	5..39	0..5..20	7..29	1..22
	6..19	5..41	0..19..21	8..38	2..11
	6..17	5..43	1..3..2	9..45	3..0
	6..16	5..44	1..16..22	10..50	3..50
	6..14	5..46	1..29..24	11..51	4..40
	6..13	5..4[illegible]	2..12..5	12..51	5..32
	6..12	5..48	2..24..34	13..48	6..25
	6..11	5..49	3..6..47	14..40	7..17
	6..9	5..51	3..18..49	15..25	8..6
	6..8	5..52	4..0..45	16..5	8..54
	6..7	5..53	4..12..35	16..39	9..39
	6..6	5..54	4..24..25	17..11	10..23
	6..4	5..56	5..6..18	17..37	11..6
	6..3	5..57	5..18..17		11..48
	6..2	5..58	6..0..26	rise	12..30
	6..1	5..59	6..12..46	7..32	13..15
	6..0	6..0	6..25..23	8..35	14..1
	5..59	6..1	7..8..15	9..38	14..50
	5..58	6..2	7..21..28	10..45	15..42
	5..57	6..3	8..5..0	11..57	16..42
	5..55	6..5	8..18..54	13..5	17..42
	5..54	6..6	9..3..4	14..5	18..42
	5..53	6..7	9..17..28	15..1	19..42
	5..52	6..8	10..2..5	15..53	20..42
	5..50	6..10	10..16..47	16..34	21..38
	5..49	6..11	11..1..29	17..10	22..32
	5..48	6..12	11..16..6	17..43	23..23

1801 Articles Rec^d of Ellicott & Co. for the fourth p[ay]

Decemb^r 23	7 ¾ lb pork a 1 S ₱ lb
	paid the taylor for making my Breeches
January 15	10 ½ lb pork at 8d. ₱ lb
1802	½ gallon molasses at 5/6 ₱ gal.
February 2	A pair of Shoes at
March 3	7 ¾ lb pork a 11d. ₱ lb
March 29	7 ½ lb pork a 9d ₱ lb
	A small water pail 18d
April 15	A fine hat a 4 dollars =
	7 ¼ lb pork a 11d. ₱ lb
	½ Bushel of Corn
April 28	8 lb pork a 8d. ₱ lb
	½ Bushel Corn a 2/6
May 10	11 lb pork at 1 S ₱ lb
	~~a pound at~~ ½ pound Candles & a pound Soa[p]
May 20	a gun lock at
	½ Bushel corn 2/6 and ½ gal molasses
June 23	paid the Sheriff
June 26	3 ¼ y^ds Irish linnen a 4 S ₱ y^d
	3 ½ yds linnen at 2/6 ₱ y^d
	thread and Buttons
July	½ Bushel of corn, a
July 8	Cash to pay for a Book 3 Dollars =
	Cash Received said day 1 Dollar =
Aug^t 4	a padlock 2 S. ¼ lb powder 16½d. 1 lb shot 9d.
	8 lb pork a 10d. ₱ lb, ½ lb Soap a 6d.
Sep^t 13	½ Bushel Corn a 5 S ₱ Bush
Oc^t 26	a pair of Shoes at
Nov 16	Cash Received.

1802 Articles Receiv'd of Ellicott & Co. for fifth pa[y]

Nov^r 16	3 ½ y^ds Cloth at 10 S. ₱ y^d.
	Trimmings for a great Coat
January 10	paid Jacob Thomas
	A pair of Shoes
1803 March 22	A yard at 3/6. A y^d Linnen 2/9
	A pair Stockings 10 S. A pair Scissors 1/[illegible]
	¼ lb powder 1/3. A comb [illegible]
April 18	½ gallon molasses 2/3 a penknife 1/6
April 19	Cash of John Ellicott
May 19	paid the Sheriff
turn over	leaves

1802 March Third Month hath 31 Days

	d. h. m.	
New ☽	3. 11. 58	aft.
First ☽	11. 4. 52	morn.
Full ○	19. 5. 24	morn.
Last ☽	26. 8. 9	morn.

☉	1	♓	21	deg.
	11		21	
	21		20	

☽	☉ Long.
1	11. 10. 26
7	11. 16. 26
13	11. 22. 26
19	11. 28. 24
25	0. 4. 21

M D	W D		☉ rise	☉ set	☽ Long.	☽ rise	☽ South
1	2		6. 25	5. 35	10. 7. 10	17. 53	22. 46
2	3	Shrove Tuesd.	6. 24	5. 36	10. 21. 53		23. 40
3	4	Ash wednesd.	6. 23	5. 37	11. 6. 32	Set	♂
4	5		6. 22	5. 38	11. 21. 3	6. 20	0. 33
5	6		6. 21	5. 39	0. 5. 20	7. 29	1. 22
6	7		6. 19	5. 41	0. 19. 21	8. 38	2. 11
7	C		6. 17	5. 43	1. 3. 2	9. 45	3. 0
8	2		6. 16	5. 44	1. 16. 22	10. 50	3. 50
9	3		6. 14	5. 46	1. 29. 24	11. 51	4. 40
10	4		6. 13	5. 4[illegible]	2. 12. 5	12. 51	5. 32
11	5		6. 12	5. 48	2. 24. 34	13. 48	6. 25
12	6		6. 11	5. 49	3. 6. 47	14. 40	7. 17
13	7		6. 9	5. 51	3. 18. 49	15. 25	8. 6
14	C		6. 8	5. 52	4. 0. 45	16. 5	8. 54
15	2		6. 7	5. 53	4. 12. 35	16. 39	9. 39
16	3		6. 6	5. 54	4. 24. 25	17. 11	10. 23
17	4		6. 4	5. 56	5. 6. 18	17. 37	11. 6
18	5		6. 3	5. 57	5. 18. 17		11. 48
19	6		6. 2	5. 58	6. 0. 26	rise	12. 30
20	7		6. 1	5. 59	6. 12. 46	7. 32	13. 15
21	C		6. 0	6. 0	6. 25. 23	8. 35	14. 1
22	2		5. 59	6. 1	7. 8. 15	9. 38	14. 50
23	3		5. 58	6. 2	7. 21. 28	10. 45	15. 42
24	4		5. 57	6. 3	8. 5. 0	11. 57	16. 42
25	5		5. 55	6. 5	8. 18. 54	13. 5	17. 42
26	6		5. 54	6. 6	9. 3. 4	14. 5	18. 42
27	7		5. 53	6. 7	9. 17. 28	15. 1	19. 42
28	C		5. 52	6. 8	10. 2. 5	15. 53	20. 42
29	2		5. 50	6. 10	10. 16. 47	16. 34	21. 38
30	3		5. 49	6. 11	11. 1. 29	17. 10	22. 32
31	4		5. 48	6. 12	11. 16. 6	17. 43	23. 23

New and Full moons for the Year 1781 by the Nautical Almanac and by a method prescribed by Mr. Leadbetter.

By the Almanac		according to Leadbetter		
January	○ 9 .. 21 .. 4	January	○ 9 .. 23 .. 27	right
January	☽ 24 .. 0 .. 11	Janua	☽ 23 .. 22 .. 8	R
Februar	○ 8 .. 8 .. 28	Feb.	○ 8 .. 12 .. 12	
February	☽ 22 .. 17 .. 55	Feb	☽ 22 .. 16 .. 50	
March	○ 9 .. 18 .. 32	March	○ 9 .. 17 .. 54	
March	☽ 24 .. 12 .. 7	March	☽ 24 .. 11 .. 52	
April	○ 8 .. 3 .. 41	April	○ 8 .. 3 .. 0	
April	☽ 23 .. 5 .. 21	April	☽ 23 .. 5 .. 36	
May	○ 7 .. 12 .. 18	May	○ 7 .. 11 .. 4	
May	☽ 22 .. 20 .. 21	May	☽ 22 .. 21 .. 50	
June	○ 5 .. 20 .. 53	June	○ 5 .. 16 .. 4	
June	☽ 21 .. 8 .. 34	June	☽ 21 .. 11 .. 34	
July	○ 5 .. 6 .. 18	July	○ 5 .. 3 .. 58	
July	☽ 20 .. 18 .. 33	July	☽ 20 .. 21 .. 50	
August	○ 3 .. 17 .. 31	Aug	○ 3 .. 15 .. 2	
August	☽ 19 .. 3 .. 20	Aug	☽ 18 .. 23 .. 40	
Septem	○ 2 .. 7 .. 25	Septe	○ 2 .. 6 .. 22	
Septemb	☽ 17 .. 11 .. 58	Septem	☽ 17 .. 16 .. 38	*
October	○ 2 .. 0 .. 2	October	○ 1 .. 23 .. 44	
October	☽ 16 .. 21 .. 9	October	☽ 16 .. 21 .. 0	
octobor	○ 31 .. 18 .. 29	octobe	○ 31 .. 19 .. 6	
Novemb	☽ 15 .. 7 .. 12	Novem	☽ 15 .. 7 .. 2	
Novemb	○ 30 .. 12 .. 55	Novem	○ 30 .. 13 .. 4	
Decemb	☽ 14 .. 18 .. 15	Decem	☽ 14 .. 17 .. 6	
Decembes	○ 30 .. 5 .. 54	Decem	○ 30 .. 8 .. 40	

Eclipses for the Year 1802

First of the ☉ March the third about midnight therefore invisible
Second a very Small eclipse of the Moon ☽ march 19th about Sunrise, Moon Set
Eclipse about 1 digit ~~eclipsed~~ on her Limb.
Third is a visible eclipse of the Moon the 11th day of September

	h	m	
Begin of the eclipse	5	32	
Beginning of total darkness	6	6	P. M.
Middle of the eclipse	7	6	
End of total darkness	8	2	Digits eclipsed 15 from the South
End of the eclipse	8	36	of the Earth's Shadow
Duration	3	4	

N.B. through mistake I have omitted an invisible eclipse of the Sun August the 28 .. 0 .. 52 morning

1802 May Fifth Month hath 31 Days.

	d	h	m	
New ☽	1	5	30	aft.
First ☽	9	0	41	aft
Full ○	16	11	42	morn
Last ☽	24	6	35	morn
New ☽	31	4	58	morn

♋ { 1 / 11 / 21 ♌ 19 / 18 / 18 } deg.

D	☉ Long.
1	1 .. 10 .. 33
7	1 .. 16 .. 22
13	1 .. 22 .. 9
19	1 .. 27 .. 56
25	2 .. 3 .. 41

M D	W D	Remarkable days Aspects weather &c	☉ rise	☉ set	☽ Long.	☽ set	☽ south
1	7		5 .. 10	6 .. 50	1 .. 7 .. 39	Set	♂
2	C		5 .. 9	6 .. 51	1 .. 21 .. 4	7 .. 43	0 .. 40
3	2		5 .. 8	6 .. 52	2 .. 4 .. 9	8 .. 47	1 .. 32
4	3		5 .. 7	6 .. 53	2 .. 16 .. 52	9 .. 47	2 .. 24
5	4		5 .. 5	6 .. 55	2 .. 29 .. 21	10 .. 41	3 .. 16
6	5		5 .. 4	6 .. 56	3 .. 11 .. 36	11 .. 30	4 .. 7
7	6		5 .. 3	6 .. 57	3 .. 23 .. 39	12 .. 11	4 .. 56
8	7		5 .. 2	6 .. 58	4 .. 5 .. 36	12 .. 52	5 .. 46
9	C		5 .. 1	6 .. 59	4 .. 17 .. 26	13 .. 26	6 .. 30
10	2		5 .. 0	7 .. 0	4 .. 29 .. 16	13 .. 55	7 .. 12
11	3		4 .. 59	7 .. 1	5 .. 11 .. 8	14 .. 21	7 .. 54
12	4		4 .. 58	7 .. 2	5 .. 23 .. 7	14 .. 46	8 .. 36
13	5		4 .. 58	7 .. 2	6 .. 5 .. 14	15 .. 11	9 .. 18
14	6		4 .. 57	7 .. 3	6 .. 17 .. 33	15 .. 36	10 .. 2
15	7		4 .. 56	7 .. 4	7 .. 0 .. 8		10 .. 49
16	C		4 .. 55	7 .. 5	7 .. 12 .. 58	rise	11 .. 37
17	2		4 .. 54	7 .. 6	7 .. 26 .. 9	7 .. 37	12 .. 30
18	3		4 .. 53	7 .. 7	8 .. 9 .. 40	8 .. 44	13 .. 25
19	4		4 .. 52	7 .. 8	8 .. 23 .. 29	9 .. 49	14 .. 2
20	5		4 .. 52	7 .. 8	9 .. 7 .. 38	10 .. 49	15 .. 2
21	6		4 .. 51	7 .. 9	9 .. 22 .. 1	11 .. 45	16 .. 2
22	7		4 .. 51	7 .. 9	10 .. 6 .. 38	12 .. 31	17 .. 2
23	C	Rogation Sund.	4 .. 50	7 .. 10	10 .. 21 .. 19	13 .. 12	18 .. 2
24	2		4 .. 49	7 .. 11	11 .. 6 .. 1	13 .. 44	19 .. 2
25	3		4 .. 48	7 .. 12	11 .. 20 .. 40	14 .. 16	2
26	4		4 .. 47	7 .. 13	0 .. 5 .. 6	14 .. 48	
27	5	Ascent Day	4 .. 46	7 .. 14	0 .. 19 .. 8	15 .. 19	21 .. 43
28	6		4 .. 46	7 .. 14	1 .. 3 .. 11	15 .. 50	22 .. 35
29	7		4 .. 45	7 .. 15	1 .. 16 .. 46	16 .. 25	23 .. 26
30	C		4 .. 44	7 .. 16	2 .. 0 .. 1		
31	2		4 .. 44	7 .. 16	2 .. 12 .. 55	Set	0 .. 19

	South
May 23	18 .. 20
24	19 .. 13
25	20 .. 3
26	20 .. 53
27	21 .. 43
28	22 .. 35
29	23 .. 26

Andrew McKey – Fre.k C Fergunia
Samuel Dais Fiatte C Pennsylvania
Sol. Shephnerd Frederick C Meriland

1801 Sep.t 21 Suns place 5..28..11 } Full ☉ 22..1..4
Moons place 11..21..33

By Subtracting the North Node of the Moon from the true place of the Sun, we gain the Suns distance from the Same Node

1803 Long. med. ☉	1803 Long. Apog ☉	1803 Long. med ☽	1803 Long. Apog.
9..9..24	3..9..36	0..6..38	5..17..28

Articles Received of Elliott for fifth Payment

1803 May 26	To 2½ yds white rusia Sheeting a 4/8 p yd –	0..11..8
	2 yards brown do a 3/6 p yd – ½ gallon molas	0..9..3
	7¾ lb pork at 10 p lb to 0..6..5½ — thread 6	0..6..11
June	paid Nanny Hall	0..7..10
June 18	7¼ lb pork at 10d p lb	0..6..3
		0..6..0
	½ gallon molasses 2/3 a pound Soap 1S	0..3..3
July 9	8½ lb bacon 1S p lb 8/6 – paper & thread 10d	0..9..4
	A Handkerchief	0..5..7
		2..18..4
July 13	1 pound of Tobacco 1/10½ a dose of caster oil 18d	0..3..4
July 22	Cash a Dollar – half gallon molasses 2/3	0..9..9
August 15	8½ lb pork at 11d p lb	0..7..8
		3..19..2
Sep.t 7	7 lb pork at 11d p lb	0..6..5
	½ gallon molasses & 1 lb Soap	0..3..3
	8 lb pork a 11d p lb	0..7..4
	½ lb powder 2/6 – 2 lb Shot 2/4	0..4..10
	5 lb pork at 11 p lb	0..4..8
	½ lb Tobacco	0..0..11
	½ gallon Molasses 2/3 & ½ lb [illegible]	0..3..0
		5..9..8
Nov.r	An Ink Stand	0..3..0
Nov.r	½ lb Tobacco	0..0..11
		0..3..9
	Cash of Geore Elliott	5..17..1
	Nov. 14 Received	6..2..8
		12..0..0

1787 true time of New Moon in March 1..4..59 } Suns Long 11..28..56; Moons Long 11..27..52
Full Moon preceding the new 4..13..48 } ☉ Long 11..13..27; ☽ Long 5..14..56

1802 June Sixth Month hath 30 Days—

First ☽ 8..7..20 morn
Full ○ 15..9..11 aft.
Last ☽ 22..0..34 aft.
New ☽ 29..6..16 aft.

☊ { 1 ♓ 17; 11 ♓ 16; 21 ♓ 16 } deg

☽	☉ Long.
1	2..16..24
7	2..16..8
13	2..21..52
19	2..27..36
25	3..3..19

M D	W D		☉ rise	☉ set	☽ Long.	☽ Set	☽ South
1	3		4..43	7..17	2..25..32	8..32	1..9
2	4		4..43	7..17	3..7..54	9..22	1..59
3	5		4..42	7..18	3..20..4	10..8	2..49
4	6		4..42	7..18	4..2..2	10..48	3..37
5	7		4..41	7..19	4..13..57	11..22	4..22
6	C	Whit Sund.	4..41	7..19	4..25..47	11..51	5..6
7	2	Whit Mond.	4..41	7..19	5..7..37	12..20	5..49
8	3	Whit Tuesd.	4..40	7..20	5..19..33	12..44	6..31
9	4		4..40	7..20	6..1..33	13..8	7..11
10	5		4..40	7..20	6..13..45	13..34	7..54
11	6		4..39	7..21	6..26..11	14..6	8..39
12	7		4..39	7..21	7..8..52	14..39	9..25
13	C		4..39	7..21	7..21..53	15..16	10..16
14	2		4..39	7..21	8..5..11		11..12
15	3		4..39	7..21	8..18..50	rise	12..10
16	4		4..38	7..22	9..2..50	8..33	13..[illegible]
17	5		4..38	7..22	9..17..5	9..29	14..10
18	6		4..38	7..22	10..1..37	10..19	1[illegible]..8
19	7		4..38	7..22	10..16..14	11..0	16..4
20	C		4..38	7..22	11..0..57	11..36	16..58
21	2		4..38	7..22	11..15..36	12..10	17..[illegible]
22	3		4..38	7..22	0..0..11	12..42	18..[illegible]
23	4		4..38	7..22	0..14..31	13..14	[illegible]..31
24	5		4..38	7..22	0..28..35	13..48	[illegible]..21
25	6		4..38	7..22	1..12..21	14..25	21..[illegible]
26	7		4..38	7..22	1..25..46	15..3	22..[illegible]
27	C		4..38	7..22	2..8..52	15..42	22..[illegible]
28	2		4..38	7..22	2..21..39		23..[illegible]
29	3		4..39	7..21	3..4..9	Sets	[illegible]
30	4		4..39	7..21	3..16..25	8..5	[illegible]

June ☽ South: 17..50, 18..42, 19..34, 20..26, 21..18, 22..10, 23..1, 23..51, 8, 0..42

88

Josiah

This projection is for July 8. 1. 0. 1762 morning a back sight to shew my present method will agree with the former has the same appearance as that of Doctor Ferguson but difference in time, Ferguson's time of opposition of Sun & Moon

The eclipse [illegible] d h m 8..3..50..50 8..1..0 2..50..50 } it h.

1802 July Seventh Month 31 Days

	D	☉ Long.
First ☾ 7..9..6 aft.	1	3..9..3
Full ○ 15..4..34 morn.	7	3..14..46
Last ☾ 21..7..25 aft.	13	3..20..39
New ☽ 29..9..36 morn.	19	3..26..13
☊ {1, 11, 21} ♓ {15, 14, 14} deg	25	4..1..57

M.D	W.D	☉ rise	☉ set	☽ Long.	☽ set	☽ South
1	5	4..39	7..21	3..28..29	8..41	1..26
2	6	4..39	7..21	4..10..26	9..15	2..12
3	7	4..40	7..20	4..22..17	9..44	2..56
4	C	4..40	7..20	5..4..7	10..13	3..39
5	2	4..40	7..20	5..15..59	10..41	4..21
6	3	4..41	7..19	5..27..56	11..8	5..2
7	4	4..41	7..19	6..10..3	11..32	5..45
8	5	4..42	7..18	6..22..20	11..57	6..28
9	6	4..42	7..18	7..4..52	12..29	7..14
10	7	4..43	7..17	7..17..42	13..2	8..2
11	C	4..43	7..17	8..0..50	13..43	8..54
12	2	4..44	7..16	8..14..19	14..28	9..51
13	3	4..44	7..16	8..28..6	15..24	10..49
14	4	4..45	7..15	9..12..13		11..49
15	5	4..45	7..15	9..26..35	rise	12..48
16	6	4..46	7..14	10..11..10	8..50	13..47
17	7	4..47	7..13	10..25..52	9..24	14..42
18	C	4..47	7..13	11..10..34	9..58	15..34
19	2	4..48	7..12	11..25..12	10..32	16..25
20	3	4..49	7..11	0..9..40	11..6	17..17
21	4	4..49	7..11	0..23..54	11..40	18..9
22	5	4..50	7..10	1..7..50	12..14	19..0
23	6	4..51	7..9	1..21..26	12..50	19..53
24	7	4..52	7..8	2..4..43	13..31	20..46
25	C	4..52	7..8	2..17..39	14..16	21..39
26	2	4..53	7..7	3..0..19	15..3	22..31
27	3	4..54	7..6	3..12..42	15..53	23..21
28	4	4..55	7..5	3..24..53		♂
29	5	4..56	7..4	4..6..54	set	0..10
30	6	4..57	7..3	4..18..47	7..42	0..50
31	7	4..58	7..2	5..0..40	8..11	1..33

April 24th. 1802 Being weary holing for corn, I laid down on my bed and fell into a deep sleep and dreamyd I had a child in my arms and was viewing the back part of it's head where it ~~bore~~ had been sore, and I found it was healed with a hole through the Skin and Scull bone and came out at forehead, that I could see very distinctly through the childs head the hole being large enough to receive an ordinary finger— I called some woman to see the strange sight, and she put her Spectacles on and saw it, and asked me if I had previously laneed that place in the childs head, I answered in the affirmative

N.B. the child was well as any other

On the night of the 27th November 1802 my house was violent broke open and Several articles taken out

1802 August Eighth Month hath 31 Days.

	h	m	
First	2 6	3	42 aft.
Full	○ 13	10	51 morn.
Last	2 20	5	30 morn.
New	☽ 28	0	52 morn

☌ 1 13 / 11 ♐ 13 / 21 12 } deg.

☽	☉ Long.
1	4.8.38
7	4.14.23
13	4.20.8
19	4.25.55
25	5.1.42

☽	☿	☉ rise	☉ set	☽ Long.	☽ set	☽ South
1	C	4..59	7.. 1	5.12.28	8..38	2..14
2	2	5.. 0	7.. 0	5.24.22	9.. 4	2..57
3	3	5.. 1	6..59	6.6.28	9..31	3..38
4	4	6.. 2	6..58	6.18.33	9..57	4..21
5	5	5.. 3	6..57	7.0.58	10..25	5.. 6
6	6	5.. 4	6..56	7.13.39	10..57	5..53
7	7	5.. 5	6..55	7.26.35	11..34	6..45
8	C	5.. 6	6..54	8.9.51	12..22	7..41
9	2	5.. 7	6..53	8.23.28	13..15	8..38
10	3	5.. 8	6..52	9.7.26	14..14	9..37
11	4	5.. 9	6..51	9.21.40	15..18	10..37
12	5	5.. 10	6..50	10.6.8		11..36
13	6	5.. 11	6..49	10.20.46	rise	12..32
14	7	5.. 12	6..48	11.5.29	8.. 0	13.26
15	C	5.. 13	6..47	11.20.11	8..31	14..18
16	2	5.. 14	6..46	0.4.45	9.. 2	15..10
17	3	5.. 15	6.45	0.19.7	9..36	16..2
18	4	5.. 16	6..44	1.3.12	10..19	16.54
19	5	5.. 18	6..42	1.17.0	10..46	17..46
20	6	5.. 19	6..41	2..0.28	11..28	18..39
21	7	5.. 20	6..40	2.13.35	12..10	19..33
22	C	5.. 21	6..39	2.26.25	13.. 2	20.26
23	2	5.. 22	6..38	3.8.55	13.54	21..17
24	3	5.. 23	6..37	3.21.14	14.48	22..7
25	4	5.. 24	6.36	4.3.19	15.43	22.54
26	5	5.. 26	6..34	4.15.16	16.42	23.38
27	6	5.. 27	6..33	4.27..8		0
28	7	5..28	6..32	5..8..58	Set	0..20
29	C	5..29	6..31	5.20.50	7..13	1 .. 0
30	2	5..30	6..30	6.2.46	7..37	1..40
31	3	5..32	6..28	6.14.53	8.. 2	2..22

Sun's mean Anomaly at the time of mean New Moon in March according to the ~~new~~ ancient and modern Method of obtaining his Anomaly

	Mean New Moon in March			Ancient Ano.			Modern Ano.		
	D	H	M	S	°	'	S	°	'
1787	18	14	10	8	17	22	8	17	13
1788	6	22	59	8	6	38	8	6	29
1789	25	20	31	8	25	0	8	24	52
1790	15	5	20	8	14	16	8	14	7
1791	4	14	9	8	3	32	8	3	22
1792	22	11	41	8	21	54	8	21	45
1793	11	20	30	8	11	10	8	11	1
1794	30	18	3	8	29	32	8	29	22
1795	20	2	51	8	18	48	8	18	37
1796	8	11	40	8	8	4	8	7	55
1797	27	9	12	8	26	26	8	26	17
1798	16	18	1	8	15	42	8	15	32
1799	6	2	50	8	4	58	8	4	49
1800	25	0	22	8	23	20	8	23	11

Moons mean Anomaly at the same time

1787	3	21	22	3	21	24
1788	2	1	10	2	1	13
1789	1	6	48	1	6	49
1790	11	16	36	11	16	39
1791	9	26	24	9	26	27
1792	9	2	1	9	2	5
1793	7	11	49	7	11	51
1794	6	17	26	6	17	30
1795	4	27	14	4	27	17
1796	3	7	2	3	7	5
1797	2	12	39	2	12	36
1798	0	22	27	0	22	29
1799	11	2	16	11	2	18
1800	10	7	53	10	7	55

1802 September Ninth Month hath 30 Days

	D	h	m
First	2	5	22 aft.
Full	11	6	47 aft.
Last	18	7	1 morn.
New	26	8	0 aft.

28 { 1 / 21 } ♓ { 12 / 11 } deg.

D	☉ Long.
1	5 . 8 . 28
7	5 . 14 . 19
13	5 . 20 . 9
19	5 . 26 . 0
25	6 . 1 . 52

D W		☉ rise	☉ set	☽ Long.	☽ set	☽ South
1	4	5 . 33	6 . 27	6 . 27 . 7	8 . 32	3 . 6
2	5	5 . 34	6 . 26	7 . 9 . 38	9 . 2	3 . 53
3	6	5 . 35	6 . 25	7 . 22 . 26	9 . 39	4 . 42
4	7	5 . 36	6 . 24	8 . 5 . 31	10 . 20	5 . 35
5	C	5 . 38	6 . 22	8 . 18 . 58	11 . 9	6 . 32
6	2	5 . 39	6 . 21	9 . 2 . 43	12 . 10	7 . 33
7	3	5 . 40	6 . 20	9 . 16 . 49	13 . 15	8 . 34
8	4	5 . 41	6 . 19	10 . 1 . 9	14 . 21	9 . 32
9	5	5 . 43	6 . 17	10 . 15 . 42	15 . 34	10 . 30
10	6	5 . 44	6 . 16	11 . 0 . 25		11 . 24
11	7	5 . 45	6 . 15	11 . 15 . 7	rise	12 . 16
12	C	5 . 46	6 . 14	11 . 29 . 45	7 . 8	13 . 8
13	2	5 . 48	6 . 12	0 . 14 . 14	7 . 40	14 . 0
14	3	5 . 49	6 . 11	0 . 28 . 29	8 . 14	14 . 52
15	4	5 . 50	6 . 10	1 . 12 . 28	8 . 53	15 . 45
16	5	5 . 52	6 . 8	1 . 26 . 6	9 . 32	16 . 39
17	6	5 . 53	6 . 7	2 . 9 . 25	10 . 15	17 . 34
18	7	5 . 54	6 . 6	2 . 22 . 24	11 . 5	18 . 28
19	C	5 . 55	6 . 5	3 . 5 . 5	11 . 56	19 . 19
20	2	5 . 56	6 . 4	3 . 17 . 31	12 . 51	20 . 10
21	3	5 . 58	6 . 2	3 . 29 . 42	13 . 47	20 . 58
22	4	5 . 59	6 . 1	4 . 11 . 44	14 . 44	21 . 44
23	5	6 . 0	6 . 0	4 . 23 . 38	15 . 39	22 . 27
24	6	6 . 2	5 . 58	5 . 5 . 28	16 . 34	23 . 8
25	7	6 . 3	5 . 57	5 . 17 . 19		23 . 49
26	C	6 . 4	5 . 56	5 . 29 . 12	Set	0
27	2	6 . 5	5 . 55	6 . 11 . 12	6 . 17	0 . 30
28	3	6 . 7	5 . 53	6 . 23 . 21	6 . 40	1 . 11
29	4	6 . 8	5 . 52	7 . 5 . 44	7 . 9	1 . 57
30	5	6 . 9	5 . 51	7 . 18 . 22	7 . 44	2 . 44

1803 Febru 2nd in the morning part of the day there arose a very dark cloud followed by snow and hail and a flash of lightning and loud thunder crack, and then the storm abided until after noon, when another cloud arose the same point viz. North west with a beautiful shower ~~and beautifyed~~ of snow, but what beautyfyed the snow ~~shower~~ was the brightness of the Sun which was near setting at that time, I looked for the rain bow or rather snow bow, but I think the snow was of too dense a nature to exhibit the representation of the bow in the cloud
NB the above was followed by very cold weather a few days

Mean New Moon in March 1804, with the Sun and Moon's mean Anomalies Greenwich time

Mean New Moon in March	Sun's mean Anomaly	Moon's mean Anomaly	
D H M	s ° ′	s ° ′	~~The~~ We must observe to Subtract 77 degrees motion or 5h. 8.m. to reduce it to the Meridian of the city of Washington
11 .. 0 .. 22	1804 8 .. 9 .. 30	4 .. 12 .. 54	
29 .. 21 .. 55	1805 8 .. 27 .. 42	3 .. 18 .. 34	

1802 October Tenth Month hath 31 Days

		☽	☉ Long.
First ☽	4 .. 9 .. 46 morn	1	6 .. 7 .. 42
Full ☉	11 .. 1 .. 10 morn	7	6 .. 13 .. 43
Last ☽	18 .. 9 .. 24 morn	13	6 .. 19 .. 39
New ☽	26 .. 1 .. 24 aft.	19	6 .. 25 .. 37
☊ { 1 / 11 ♓ / 21	10 / 10 / 9 } deg.	25	7 .. 1 .. 35

M D	W D	☉ rise	☉ set	☽ Long.	☽ set	☽ South
1	6	6 .. 11	5 .. 49	8 .. 1 .. 17	8 .. 25	3 .. 36
2	7	6 .. 12	5 .. 48	8 .. 14 .. 32	9 .. 8	4 .. 31
3	C	6 .. 13	5 .. 47	8 .. 28 .. 7	10 .. 4	5 .. 29
4	2	6 .. 14	5 .. 46	9 .. 12 .. 2	11 .. 6	6 .. 29
5	3	6 .. 15	5 .. 45	9 .. 26 .. 14	12 .. 14	7 .. 29
6	4	6 .. 17	5 .. 43	10 .. 10 .. 41	13 .. 23	8 .. 26
7	5	6 .. 18	5 .. 42	10 .. 25 .. 18	14 .. 35	9 .. 21
8	6	6 .. 19	5 .. 41	11 .. 10 .. 1	15 .. 47	10 .. 14
9	7	6 .. 20	5 .. 40	11 .. 24 .. 43	17 .. 0	11 .. 7
10	C	6 .. 22	5 .. 38	0 .. 9 .. 18		11 .. 59
11	[illegible]	6 .. 23	5 .. 37	0 .. 23 .. 43	rise	12 .. 50
12	3	6 .. 24	5 .. 36	1 .. 7 .. 50	6 .. 56	13 .. 44
13	4	6 .. 25	5 .. 35	1 .. 21 .. 39	7 .. 35	14 .. 38
14	5	6 .. 27	5 .. 33	2 .. 5 .. 9	8 .. 17	15 .. 32
15	6	6 .. 28	5 .. 32	2 .. 18 .. 19	9 .. 3	16 .. 26
16	7	6 .. 29	5 .. 31	3 .. 1 .. 10	9 .. 55	17 .. 20
17	C	6 .. 30	5 .. 30	3 .. 13 .. 52	10 .. 48	18 .. 11
18	2	6 .. 32	5 .. 28	3 .. 26 .. 3	11 .. 42	19 .. 0
19	3	6 .. 33	5 .. 27	4 .. 8 .. 8	12 .. 37	19 .. 46
20	4	6 .. 34	5 .. 26	4 .. 20 .. 6	13 .. 33	20 .. 31
21	5	6 .. 35	5 .. 25	5 .. 1 .. 59	14 .. 30	21 .. 14
22	6	6 .. 36	5 .. 24	5 .. 13 .. 49	15 .. 29	21 .. 55
23	7	6 .. 38	5 .. 22	5 .. 25 .. 41	16 .. 28	22 .. 36
24	C	6 .. 39	5 .. 21	6 .. 7 .. 36	17 .. 27	23 .. 17
25	2	6 .. 40	5 .. 20	6 .. 19 .. 40		23 .. 58
26	3	6 .. 41	5 .. 19	7 .. 1 .. 55	set	8
27	4	6 .. 42	5 .. 18	7 .. 14 .. 23	5 .. 48	0 .. 44
28	5	6 .. 44	5 .. 16	7 .. 27 .. 9	6 .. 23	1 .. 34
29	6	6 .. 45	5 .. 15	8 .. 10 .. 13	7 .. 8	2 .. 27
30	7	6 .. 46	5 .. 14	8 .. 23 .. 37	7 .. 58	3 .. 21
31	C	6 .. 47	5 .. 13	9 .. 7 .. 20	8 .. 58	4 .. 21

The days of year reckoned from the beginning of January

Days	January	February	March	April	May	June	July
1	1	32	60	91	121	152	182
2	2	33	61	92	122	153	183
3	3	34	62	93	123	154	184
4	4	35	63	94	124	155	185
5	5	36	64	95	125	156	186
6	6	37	65	96	126	157	187
7	7	38	66	97	127	158	188
8	8	39	67	98	128	159	189
9	9	40	68	99	129	160	190
10	10	41	69	100		161	191
11	11	42	70	101	130	162	192
12	12	43	71	102	131	163	193
13	13	44	72	103	132	164	194
14	14	45	73	104	133	165	195
15	15	46	74	105	134	166	196
16	16	47	75	106	135	167	197
17	17	48	76	107	136	168	198
18	18	49	77	108	137	169	199
19	19	50	78	109	138	170	200
20	20	51	79	110	139	171	201
21	21	52	80	111	140	172	202
22	22	53	81	112	141	173	203
23	23	54	82	113	142	174	204
24	24	55	83	114	143	175	205
25	25	56	84	115	144	176	206
26	26	57	85	116	145	177	207
27	27	58	86	117	146	178	208
28	28	59	87	118	147	179	209
29	29		88	119	148 149	180 181	210 211
30	30		89	120	150		212
31	31		90		151		

1802 November Eleventh Month hath 30 Days

		☉
d. h. m.		Long.
First ☾ 2. 6.. 20 aft.	1	7.8.35
Full ○ 9.. 11.. 8 morn	7	7.14.37
Last ☾ 17.. 2.. 0 morn	13	7.20.39
New ☽ 25. 7.. 40 morn	19	7.26.43
☌ { 1 ♓ 8 / 11 ♓ 8 / 21 7 } deg.	25	8.2.46

M D	W D	☉ rise	☉ set	☽ Long.	☽ set	☽ South
1	2	6..48	5.12	9..21..23	10..2	5..21
2	3	6..49	5..11	10..5.43	11..13	6..20
3	4	6..51	5..9	10..20..15	12..24	7..16
4	5	6..52	5..8	11..4..59	13..36	8..10
5	6	6..53	5..7	11..19..53	14..50	9..3
6	7	6..54	5..6	0..4..17	16..1	9..54
7	C	6..55	5..5	0..18..48	17..10	10..46
8	2	6..56	5..4	1..3..5		11..38
9	3	6..57	5..3	1..17..7	rise	12..31
10	4	6..58	5..2	2..0..47	6..15	13..26
11	5	6..59	5..1	2..14..8	6..58	14..21
12	6	7..0	5..0	2..27..8	7..49	15..15
13	7	7..1	4..59	3..9..51	8..43	16..6
14	C	7..2	4..58	3..22..19	9..37	16..56
15	2	7..3	4..57	4..4..31	10..34	17..43
16	3	7..4	4..56	4..16..34	11..31	18..27
17	4	7..5	4..55	4..28..28	12..29	19..10
18	5	7..6	4..54	5..10..20	13..27	19..50
19	6	7..7	4..53	5..22..9	14..25	20..30
20	7	7..8	4..52	6..4..2	15..23	21..12
21	C	7..8	4..52	6..16..2	16..21	21..54
22	2	7..9	4..51	6..28..9	17..19	22..39
23	3	7..10	4..50	7..10..31	18..19	23..27
24	4	7..11	4..49	7..23..6		δ
25	5	7..12	4..48	8..6..0	Set	0..15
26	6	7..12	4..48	8..19..13	5..45	1..8
27	7	7..13	4..47	9..2..45	6..43	2..6
28	C	7..14	4..46	9..16..38	7..46	3..5
29	2	7..15	4..45	10..0..48	8..52	4..3
30	3	7..15	4..45	10..15..14	10..3	4..59

1804 ☽ Long 4 s. 29° 16′ | 6 s. 28° 14′ adapted to the City of Washington

1804 mean New ☽ March 9 d. 19 h. 15 m | 8 s. 9° 20′ | 4 s. 12° 54′ adapted to the meridian of the city of Washington

1803 mean New ☽ March 21 d. 15 h. 34 m Greenwich time

	☽ mean Long	Apog	
1804	4 .. 16 .. 5	6 .. 28 .. 7	Adapted to our Long

We must add 5h. 8m. to time in Table to to make it correspond with the time at ~~Greenwich~~ greenwich

	mean New ☽ d h m	☉ anomal s ° ′	☽ anomal s ° ′	node s ° ′
1800	24 .. 19 .. 14	8 .. 23 .. 20	10 .. 7 .. 53	11 .. 3 .. 58
1801	14 .. 4 .. 3	8 .. 12 .. 36	8 .. 17 .. 41	11 .. 12 .. 1
1802	3 .. 12 .. 52	8 .. 1 .. 52	6 .. 27 .. 29	11 .. 20 .. 4
1803	22 .. 10 .. 26	8 .. 20 .. 47	6 .. 3 .. 6	0 .. 28 .. 47
1804	10 .. 19 .. 14	8 .. 9 .. 30	4 .. 12 .. 54	1 .. 6 .. 46

~~the above Table is Reduced to our Meridian~~

1805	29 .. 16 .. 47	8 .. 27 .. 52	3 .. 18 .. 31	2 .. 15 .. 29	Adapted to the meridian of Baltimore
1806	19 .. 1 .. 36	8 .. 17 .. 8	1 .. 28 .. 19	2 .. 23 .. 32	
~~1801~~	~~2 .. 9 .. 11~~	~~8 .. 12 .. 36~~	~~8 .. 17 .. 41~~		
~~1802~~	~~21 .. 6 .. 44~~	~~9 .. 0 .. 58~~	~~7 .. 23 .. 18~~		
~~1803~~	~~28 .. 13 .. 6~~	~~9 .. 8 .. 36~~	~~5 .. 8 .. 33~~		

the former ... tion of John Moore

Month hath 31 Days

First ☽ 2 d. 4 h. 23 m morn.
Full ○ 9 .. 9 .. [illegible] morn.
Last ☽ 16 .. 10 .. 54 aft.
New ☽ 24 .. 7 .. 33 aft.
First ☽ 31 .. 1 .. 6 aft.

☽ { 1, 11, 21 } ♓ { 7, 6, 6 } deg.

D	☉ Long
1	8 .. 8 .. 51
7	8 .. 14 .. 57
13	8 .. 21 .. 3
19	8 .. 27 .. 10
25	9 .. 3 .. 17

M D	W D	☉ rise	☉ set	☽ Long.	☽ set	☽ south
1	4	7 .. 16	4 .. 44	10 .. 29 .. 52	11 .. 24	5 .. 54
2	5	7 .. 16	4 .. 44	11 .. 14 .. 33	12 .. 26	6 .. 46
3	6	7 .. 17	4 .. 43	11 .. 29 .. 15	13 .. 37	7 .. 37
4	7	7 .. 18	4 .. 42	0 .. 13 .. 51	14 .. 48	8 .. 28
5	C	7 .. 18	4 .. 42	0 .. 28 .. 16	15 .. 58	9 .. 20
6	2	7 .. 19	4 .. 41	1 .. 12 .. 27	17 .. 8	10 .. 12
7	3	7 .. 19	4 .. 41	1 .. 26 .. 18	18 .. 13	11 .. 6
8	4	7 .. 20	4 .. 40	2 .. 9 .. 51		12 .. 2
9	5	7 .. 20	4 .. 40	2 .. 23 .. 2	rise	12 .. 57
10	6	7 .. 20	4 .. 40	3 .. 5 .. 54	6 .. 26	13 .. 49
11	7	7 .. 21	4 .. 39	3 .. 18 .. 29	7 .. 21	14 .. 40
12	C	7 .. 21	4 .. 39	4 .. 0 .. 50	8 .. 18	15 .. 29
13	2	7 .. 21	4 .. 39	4 .. 12 .. 59	9 .. 15	16 .. 13
14	3	7 .. 21	4 .. 39	4 .. 24 .. 57	10 .. 12	16 .. 56
15	4	7 .. 22	4 .. 38	5 .. 6 .. 50	11 .. 9	17 .. 38
16	5	7 .. 22	4 .. 38	5 .. 18 .. 39	12 .. 6	18 .. 18
17	6	7 .. 22	4 .. 38	6 .. 0 .. 31	13 .. 3	18 .. 59
18	7	7 .. 22	4 .. 38	6 .. 12 .. 25	14 .. 0	19 .. 41
19	C	7 .. 22	4 .. 38	6 .. 24 .. 28	14 .. 57	20 .. 23
20	2	7 .. 22	4 .. 38	7 .. 6 .. 42	15 .. 57	21 .. 9
21	3	7 .. 22	4 .. 38	7 .. 19 .. 10	17 .. 1	21 .. 58
22	4	7 .. 22	4 .. 38	8 .. 1 .. 53	18 .. 6	22 .. 51
23	5	7 .. 22	4 .. 38	8 .. 14 .. 54		23 .. 47
24	6	7 .. 22	4 .. 38	8 .. 28 .. 17	set	
25	7	7 .. 22	4 .. 38	9 .. 11 .. 58	5 .. 20	0 .. 43
26	C	7 .. 22	4 .. 38	9 .. 25 .. 58	6 .. 24	1 .. 39
27	2	7 .. 22	4 .. 38	10 .. 10 .. 17	7 .. 32	2 .. 35
28	3	7 .. 22	4 .. 38	10 .. 24 .. 48	8 .. 45	3 .. 30
29	4	7 .. 21	4 .. 39	11 .. 9 .. 28	9 .. 57	4 .. 23
30	5	7 .. 21	4 .. 39	11 .. 24 .. 11	11 .. 8	5 .. 15
31	6	7 .. 21	4 .. 39	0 .. 8 .. 51	12 .. 18	6 .. 5
				0 .. 23 .. 23		

mean
True time of new Moon in March 1802 is

D. H. M.	Anom. ☉	Anom. ☽
3 .. 11 .. 36	8 .. 1 .. 41	6 .. 27 .. 19

Lawrence Kelly put his Calf in my Pastur on wednesday April 13th 1803 at 9d. pr week
May 1st Do. two Sheep at 1 Shilling pr week each

This projection laid down for an eclipse of the Moon on 19th of March 1802

	H. M.
Beginning	4 .. 30
Ecliptic ☍	5 .. 24
Middle	5 .. 29
End	6 .. 28
Duration	1 .. 58

Digits eclipsed 3½ from the South of the Earths Shadow

Berodachbaladan

Baneker
Comand you may your own

Years of Christ	Moons Long. S	o	l	Moons Anom. S	o	l	Moons Node S	o	l
1806	1	15	9	3	25	32	9	7	8
1807	5	27	21	6	27	4	8	17	48
1808	10	3	55	9	22	59	7	28	29
1809	2	26	29	1	4	46	7	9	6
1810	7	5	52	4	3	29	6	19	46
1811	11	15	15	7	2	12	6	0	27
1812	3	24	38	10	0	55	5	11	7
1813	7	17	12	1	12	42	4	21	44
1814	0	26	35	4	11	26	4	2	24
1815	5	5	58	7	10	9	3	13	5
1816	9	15	21	10	8	52	2	23	45
1817	2	7	55	1	20	39	2	4	22
1818	6	17	18	4	19	22	1	15	2
1819	10	26	41	7	18	6	0	25	42
1820	3	19	4	10	16	49	0	6	23

betw 111-112

9

Acct. The long / marks are barrels Cyder for B.S.

| | | | |
| B | | S | For Barton & Simson

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