Parker's
EPHEMERIS
For the Year of Our LORD
1778.
Being the Second after BISSEXTILE or LEAP-YEAR.

The EIGHTY-NINTH IMPRESSION

A Table of Terms and their Returns, 1778.

Hilary Term begins *Jan.* 23, ends *Feb.* 12.

Returns or Effoign Days.		Ex.	Ret	Ap.	W. D.
In eight Days of St. Hilary,	*Jan.* 20	21	22	23	Friday
From the Day of St. Hilary in 15 Days,	27	28	29	30	Friday
On the Morrow of the Purif. Bleffed *Mary, Feb.* 3	4	5	6	Friday
In eight Days of Purif. Bleffed *Mary,*	9	10	11	12	Thurf.

Eafter Term begins *May* 6, ends *June* 1.

		Ex.	Ret	Ap.	W. D.
From the Day of Eafter in 15 Days,	*May* 3	4	5	6	Wedn.
From the Day of Eafter in 3 Weeks,	10	11	12	13	Wedn.
From the Day of Eafter in 1 Month,	17	18	19	20	Wedn.
From the Day of Eafter in 5 Weeks,	24	25	26	27	Wedn.
On the Morrow of the Afcenfion,	29	30	31	*J.*1	Mond.

Trinity Term begins *June* 19, ends *July* 8.

		Ex.	Ret	Ap.	W. D.
On the Morrow of the Holy Trinity,	*June* 15	16	17	19	Friday
In eight Days of the Holy Trinity	21	22	23	24	Wedn.
In fifteen Days of the Holy Trinity	28	29	30	*J.*1	Wedn.
In three Weeks of the Holy Trinity	*July* 5	6	7	8	Wedn.

Michaelmas Term begins *Nov.* 6, ends *Nov.* 28.

		Ex.	Ret	Ap.	W. D.
On the Morrow of All Souls,	*Nov.* 3	4	5	6	Friday
On the Morrow of St. Martin,	12	13	14	16	Mond.
In eight Days of St. Martin,	18	19	20	21	Satur.
In fifteen Days of St. Martin,	25	26	27	28	Satur.

N. B. No Sittings in *Weftminfter-ball* on Afcenfion-day, Midfummer-day, and the 2d of *February.*

The *Exchequer* opens eight Days before any Term begins, except Trinity, before which it opens but four Days.

Note, That the firft and laft Days of every Term, are the firft and laft Days of Appearance.

Common Notes for the Year 1778.

Golden Number	12
Cycle of the Sun	23
The Epact	1
Dominical Letter	D
Number of Direction	29
Roman Indiction	11

January hath XXXI Days. | Febru. hath XXVIII Days

First quart. 6 day at 9 morn.
Full moon 13 day at 2 morn.
Last quart. 20 day at 1 aftern.
New Moon 28 day at 3 aftern.

First quart. 4 day at 5 at night.
Full moon 11 day at 3 aftern.
Last quart. 19 day at 11 morn.
New moon 27 day at 5 morn.

M D	Sundays and Saints Days, &c.	Moon South.	Moon sets.	M D	Sundays and Saints Days, &c.	Moon South.	Moon sets.
1	Circumcifion	2 A 13	6 A 34	D	4 Sund. aft. Epiph.	3 A 18	9 A 16
2		3 4	7 46	2	Purif. B. V. Mary	4 6	10 35
3		3 53	9 2	3	Blafe	4 56	11 54
D	2 Sun. aft. Chrift.	4 41	10 18	4		5 47	Morn.
5	Old Chriftm. Day	5 29	11 35	5	Agatha	6 41	1 16
6	Epiphany	6 17	Morn.	6		7 38	2 36
7		7 7	0 54	7		8 37	3 55
8	Lucian	8 0	2 16	D	5 Sund. aft. Epiph.	9 36	5 5
9		8 57	3 38	9		10 35	6 3
10		9 54	4 59	10		11 32	6 50
D	1 Sund. aft. Epiph.	10 55	6 18	11		Morn.	D rifes
12	Old N. Year's Day	Plow Mond.		12	Term ends	0 25	5 A 58
13	Camb. Term beg.	Hilary. D rifes		13	Old Candl. Day	1 14	7 11
14	Oxf. Term. beg.	0 M 55	5 A 53	14	Valentine	2 1	8 24
15		1 50	7 11	D	Septuagef. Sund.	2 45	9 32
16		2 42	8 25	16		3 27	10 41
17	Old Twelfth Day	3 29	9 37	17		4 9	11 49
D	2 Sund. aft. Epiph.	4 13	10 46	18		4 52	Morn.
19	Q. Cha. B. D. kept	4 55	11 54	19		5 37	0 56
20	Fabian	5 36	Morn.	20		6 23	2 2
21	Agnes	6 18	1 1	21		7 11	3 6
22		7 1	2 7	D	Sexagef. Sund.	8 1	4 6
23	Term begins	7 45	3 12	23		8 52	4 58
24		8 32	4 18	24	St. Matthias	Pr. Adolp. Fr. bo
D	3 Sund. aft. Epiph.	Conv. St. Paul		25		10 39	6 23
26		10 12	6 16	26		11 31	6 52
27	Pr. Aug. Fred. bor.	11 3	7 11	27		0 A 22	D fets
28		11 57	D fets	28		1 14	7 A 1
29		0 A 49	5 A 24				
30	K. Cha. I. Mart.	1 41	6 40				
31		2 30	7 57				

" How bleft is he, who leads a rural life,
" And fmiles contented at his humble ftate ;
" Unknown to Envy, Faction, and to Strife,
" And feels no torments that attend the Great !

A 2

March hath XXXI Days. | April hath XXX Days.

<table>
<tr><td colspan="4">First quart. 5 day at midn.
Full moon 13 day at 5 morn.
Last quart. 21 day at 7 morn.
New moon 28 day at 4 aftern.</td><td colspan="4">First quart. 4 day at 8 morn.
Full moon 11 day at 8 night.
Last quart. 20 day at 1 morn.
New moon 27 day at 1 morn.</td></tr>
</table>

M D	Sundays and Saints Days, &c.	Moon South.	Moon sets.	M D	Sundays and Saints Days, &c.	Moon South.	Moon sets.
D	Quinquagef. Sun. David	David	S A 21	1		3 A 37	11 A 45
2	Chad	2 A 54	9 43	2		4 36	Morn.
3	Shrove Tuesday	3 46	11 8	3	Richard	5 36	1 4
4	Ash Wednesday	4 4c	Morn.	4	St. Ambrose	6 34	2 9
5		5 36	0 30	D	5 Sunday in Lent	Old Lady Day	
6		6 34	1 49	6		8 25	3 42
7	Perpetua	7 34	3 2	7		9 16	4 13
D	1 Sunday in Lent	8 31	4 3	8		10 3	4 37
9		9 27	4 51	9		10 47	4 57
10		10 22	5 30	10	Camb. Term ends	11 31	5 16
11	Ember Week	11 11	6 1	11	Oxf. Term ends	Morn.	) rifes
12	Gregory	11 58	6 23	D	Palm Sunday	0 12	7 A 35
13		Morn.	) rifes	13		0 54	8 44
14		0 44	7 A 20	14		1 38	9 51
D	2 Sunday in Lent	1 27	8 30	15		2 24	10 59
16		2 9	9 39	16	Maundy Thurid.	3 10	Morn.
17	St. Patrick	2 52	10 47	17	Good Friday	3 59	0
18	Edw. K. W. Sax.	3 36	11 54	18		4 49	0 59
19		4 22	Morn.	D	Easter Day	Alpheg	1 50
20		5 8	0 59	20	Easter Monday	6 30	2 21
21	Benedict	5 57	2 2	21	Easter Tuesday	7 22	3 7
D	3 Sunday in Lent	6 49	2 57	22		8 12	3 34
23		7 40	3 45	23	St. George	9 2	3 58
24		8 33	4 25	24		9 53	4 18
25	Lady Day	9 25	4 57	25	St. Mark	Frs. Mary bo.	
26		10 17	5 25	D	Low Sunday	11 36	4 59
27		11 8	5 48	27		0 A 31	) fets
28		11 58	) sets	28		1 29	9 A 26
D	Midlent Sunday	0 A 51	7 A 31	29	Oxf.&Cam, T.be.	2 30	10 47
30		1 44	8 54	30		3 32	Morn.
31		2 39	11 21				

" Unvex'd with Troubles, undisturb'd he lives,
" Low in the herbag'd, sweet, sequester'd Dale,
" And tastes the Joys which calm Contentment gives;
" For calm Contentment loves the cottag'd Vale.

May hath XXXI Days. | June hath XXX Days.

May	June
First quart. 3 day at 4 aftern.	Firft quart. 2 day at 3 morn.
Full moon 11 day at noon.	Full moon 10 day at 4 morn.
Laft quart. 19 day at 3 aftern.	Laft quart. 17 day at midn.
New moon 26 day at 9 morn.	New moon 24 day at 4 aftern.

M D	Sundays and Saints Days, &c.	Moon South.	Moon fets.	M D	Sundays and Saints Days, &c.	Moon South.	Moon fets.
1	St, Phil.	4 A 33	o M 2	1	Term ends	Nicomede	
2		5 32	1 4	2		6 50	1 M 17
D	2 Sund. aft. Eafter	Inv. of the Crofs		3		7 33	1 35
4		7 21	2 23	4	K. Geo. III. born	Oxf. T. ends	
5		8 8	2 51	5	Pr. Er. Aug. bor	Boniface	
6	Term begins	S. John		6		9 39	2 23
7		9 35	3 29	D	Whit-Sunday	10 23	2 39
8		10 17	3 45	8	Whit-Monday	11 7	3 1
9		11 0	4 1	9	Whit-Tuefday	11 53	3 24
D	3 Sund. aft. Eafter	11 42	4 18	10	Ember Week	Prs. Amelia bo.	
11		Morn.	☽ rifes	11	St. Barnabas	o M 41	☽ rifes
12	Old May Day	0 26	8 A 48	12		1 31	10 A 30
13		1 11	9 57	13		2 21	11 9
14		1 59	10 59	D	Trinity Sunday	3 12	11 41
15		2 48	11 53	15		4 1	Morn.
16		3 38	Morn.	16		4 48	0 5
D	4 Sund. aft. Eafter	4 28	0 34	17	Oxf. Term begins		
18		5 18	1 11	18	Corpus Chrifti.	6 21	0 45
19	Q. Charlotte born	Dunft.	1 39	19	Term begins	7 6	1 3
20		6 55	2 3	20	Tr. Ed. K. W. Sax.	7 58	1 52
21		7 44	2 24	D	1 Sun. aft. Trin.	Longeft Day.	
22	Prs. Eliz. born	8 33	2 44	22		2 47	2 6
23		9 23	3 3	23		10 45	2 38
D	Rogation Sunday	10 15	3 22	24	St. John Baptift	11 50	☽ fets
25		11 11	3 45	25		o A 54	9 A 28
26	Auguftin	o A 10	☽ fets	26		1 57	10 14
27	Ven. Bede	1 13	9 A 46	27		2 56	10 49
28	Holy Thurfday	2 16	10 52	D	2 Sun. aft. Trin.	3 49	11 13
29	K. Cha. II. Reft.	3 19	11 45	29	St. Peter	4 38	11 36
30		4 18	Morn.	30		5 22	11 54
D	6 Sund. aft. Eaft	5 13	0 25				

" Him peaceful Silence lulls to quiet Reft,
" And bleffings crown his ever-ftill Retreat ;
" Whofe lonely Cottage is with Comfort bleft,
" While Heav'n makes all his rural Joys complete.

A 3

July hath XXXI Days. | August hath XXXI Days.

M D	Sundays and Saints Days, &c.	Moon South.	Moon sets.	M D	Sundays and Saints Days, &c.	Moon South.	Moon sets.
1		6 A 7	Morn.	1	Lammas Day	6 A 51	11 A 23
2	Visit. B. V. Mary	6 49	0 9	D	7 Sund. aft. Trin.	7 37	11 49
3	Dog Days begin	7 31	0 25	3		8 25	Morn.
4		8 14	0 42	4		9 14	0 22
D	3 Sund. aft. Trin.	Old Midf. Day		5		10 4	1 3
6		9 43	1 23	6	Transfiguration	10 56	1 52
7	Camb.Commenc.	Tho. à Becket		7	Name of Jesus	11 47	2 53
8	Term ends	11 22	2 25	8		Morn.	D sets
9		Morn.	D rises	D	8 Sund. aft. Trin.	0 37	8 A 31
10	Camb. Term ends	0 13	9 A 5	10	St. Laurence	1 25	8 53
11	Oxford Act.	1 2	9 37	11	Prs. Brunsw. bo.	Dog Days end	
D	4 Sund. aft.Trin.	1 52	10 4	12	Pr. of Wales bo.	Old Lamm.Day	
13		2 40	10 26	13		3 46	9 48
14		3 27	10 46	14		4 35	10 8
15	Swithin	4 14	11 4	15	Assumpt.B.V.M.	5 26	10 34
16		5 0	11 22	D	9 Sund. aft. Trin.	Pr. Fred. bo.	
17		5 47	11 42	17		7 18	11 48
18	Oxf. Term ends	6 37	Morn.	18		8 19	Morn.
D	5 Sund. aft. Trin.	7 30	0 4	19		9 21	0 45
20	Margaret	8 27	0 31	20		10 22	1 53
21		9 28	1 8	21	Pr.Will.Hen. bo	11 21	3 11
22	St. Mary Magdal.	10 30	1 57	22		0 A 16	D sets
23		11 34	D sets	D	10 Sun. aft.Trin.	1 6	8 A 0
24		0 A 35	8 A 40	24	St. Bartholomew	1 53	8 18
25	St. James	1 32	9 11	25		2 38	8 35
D	6 Sund. aft. Trin.	St. Anne	3 6	26		3 21	5
27		3 14	9 55	27		4 5	1
28		3 58	10 11	28	St. Augustine	4 51	9 30
29		4 42	10 27	29	St.J.Bapt.behead.	5 36	53
30		5 25	10 44	D	11 Sun. aft. Trin.	6 23	10 24
31		6 7	11 2	31		7 12	11 1

" Who thankful takes his Food from Nature's Hand,
" And labours chearful all the live-long Day;
" Who cultivates with Joy the fertile Land,
" That makes Return his Labour to repay,

September hath XXX Days. | October hath XXXI Days.

M D	Sundays and Saints Days, &c.	Moon South.	Moon fets.	M D	Sundays and Saints Days, &c.	Moon South.	Moon fets.
1	Giles	8 A 2	11 A 47	1	Remigius	8 A 35	Morn.
2	London burnt,	8 54	Morn.	2		9 25	0 51
3	1666, O,S.	9 45	0 45	3		10 14	2 6
4		10 36	1 51	D	16 Sun. aft. Trin.	11 2	3 23
5		11 25	3 0	5		11 51	4 42
D	12 Sun. aft. Trin	Morn.	) rifes	6	Faith	Morn.	) rifes
7		0 14	7 A 24	7		0 40	6 A 32
8	Nativ. B. V. M.	1 3	7 42	8		1 33	6 56
9		1 51	8 0	9	St. Denys	2 27	7 24
10		2 39	8 21	10	Oxf.&Cam.T.be.	Old Mich. Day	
11		3 31	8 44	D	17 Sun. aft. Trin.	4 23	8 47
12		4 25	9 15	12		5 24	9 47
D	13 Sun. aft. Trin.	5 22	9 52	13	Tr.K.Edw.Conf.	6 25	10 58
14	Holy Crofs Day	6 20	10 44	14		7 23	Morn.
15		7 21	11 47	15		8 17	0 14
16	Ember Week	8 22	Morn	16		9 8	1 33
17	Lambert	9 20	1 2	17	Etheldred	9 58	2 51
18		10 13	2 21	D	18 Sun. aft. Trin.	St. Luke	
19		11 5	3 41	19		11 27	5 22
D	14 Sun. aft. Trin.	11 54	) fets	20		0 A 11	) fets
21	St. Matthew	0 A 40	6 A 49	21		0 55	5 A 52
22	K. Geo.III crown.	1 25	7 5	22		1 39	6 32
23		2 8	7 22	23		2 25	6 37
24		2 53	7 42	24		3 13	7 8
25		3 38	8 5	D	19 Sun. aft. Trin.	K. Geo,III Acc.	
26	St. Cyprian	4 25	8 31	26	K. Geo.III.procl.	Crifpin	8 35
D	15 Sun. aft. Trin	5 13	9 5	27		5 42	9 32
28		6 3	9 48	28	St. Simon & Jude	6 31	10 36
29	St. Michael	PrsCh, Aug.bo.		29		7 20	11 47
30	St. Jerome	7 44	11 42	30		8	Morn.
				31		8 55	1 1

" With how much Pleafure he furveys his flocks !
" How joys to call the lowing Herds his own !
" With how much Caution does he fhun the Rocks,
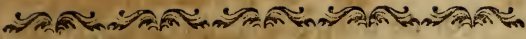" Where Monfter Vice exerts her ... on Throne !

November XXX Days.

Full moon 4 day at 7 night.
Last quart. 11 day at 10 morn.
New moon 19 day at 3 morn.
First quart. 27 day at 8 morn.

M D	Sundays and Saints Days, &c.	Moon South.	Moon sets.
D 20 Sun. aft. Trin.	All Saints		
2 Pr. Edward born	AllSouls	3	37
3		11 22	4 59
4		Morn.	) rites
5 Papists Conspir.	0 16	5 A 25	
6 Term begins	Leon.	5	57
7 D. Cumberl. born	2 14	6	41
D 21 Sun. aft. Trin.	PrsSoph. Au. bo		
9 Lord Mayor's Day	Atl...	8	49
10	5 19	10	5
11 Martinmas	6 16	11	24
12	7 8	Morn.	
13 Britius	7 57	0	42
14	8 43	1	58
D 22 Sun. aft. Trin.	Machutus		
16	10 8	4	22
17 Hugh Bp. Lincoln	10 52	5	34
18	11 36	6	43
19	0 A 19	) sets	
20 Edm. K. & M.	1 6	5 A 6	
21	1 54	5	41
D 23 Sun. aft. Trin.	Old Mart. Day		
23 St. Clement	3 34	7	19
24	4 22	8	21
25 D. Glouc. born	5 10	9	27
26	5 55	10	38
27	6 43	11	51
28 Term ends	7 29	Morn.	
D Advent Sunday	8 14	1	6
30 St. Andrew	9 2	2	24

December XXXI Days.

Full moon 4 day at 5 morn.
Last quart. 10 day at 10 night.
New moon 18 day at 10 night.
First quart. 26 day at 11 night.

M D	Sundays and Saints Days, &c.	Moon South.	Moon sets.
1		9 A 52	3 M 46
2		10 48	5 10
3		11 46	6 37
4		Morn.	) rises
5		0 5c	5 A 13
D 2 Sund. in Advent	Nicholas		
7		2 58	7 36
8 Conc. B. V. M.	3 59	8 59	
9		4 55	10 20
10		5 45	11 37
11		6 32	Morn.
12		7 17	0 52
D 3 Sund. in Advent	Lucy	2	5
14		8 41	3 14
15		9 24	4 22
16 Ember Week	Camb. T. ends		
17 Oxf. Term ends	10 54	6 39	
18		11 41	) sets
19		0 A 29	4 A 12
D 4 Sund. in Advent	1 19	5	1
21 St. Thomas	Shortest Day		
22		2 55	7 6
23		3 41	8 13
24		4 27	9 24
25 Christmas Day	5 12	10 37	
26 St. Stephen	5 55	11 51	
D 1 Sun. aft. Christ.	St. John Evang.		
28 Holy Innocents	7 28	1 M 8	
29		8 18	2 27
30		9 12	3 50
31 Silvester	10 12	5 16	

" High tow'ring Elms surround his lonely Seat;
" And well defend it from tempestuous Wind;
" Salubrious Herbs give Relish to his Meat,
" Which leaves the Sweets of Temperance behind."
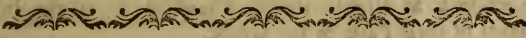
Of the Four Quarters of the YEAR 1778.

THE Spring Quarter begins on the 20th Day of March, at 10 Minutes past Noon.

The Summer Quarter begins June the 21st, 26 Minutes past 10 in the Morning.

The Autumnal Quarter begins September the 22d, 46 Minutes past 11 at Night.

The Winter Quarter begins December the 21st, 5 Minutes past 4 in the Afternoon.

Of the Eclipses this YEAR, 1778.

THIS Year will produce Three Eclipses, two of the Sun, and one of the Moon, which will happen in the following Order :

The first Eclipse will be of the Sun, and will happen on Wednesday the 24th Day of June, in the Afternoon ; it will be visible in our Isle of Great Britain, according to the following Calculation for the Latitude and Meridian of London.

	h.	m.	f.	
Beginning of the Eclipse	3	40	37	June the 24th
Middle	4	35	40	in the
End of the Eclipse	5	26	37	Afternoon.
Duration	1	46	0	
Digits Eclipsed	6°	11′		On the Sun's southern Limb.

The second will be a partial Eclipse of the Moon, and will happen on Friday the 4th Day of December, in the Morning ; and will be visible in our Island of Great Britain, according to the following Calculation :

	London.	York.	Edinbur.	
	h. m. f.	h. m. f.	h. m. f.	
Begins	4 24 26	4 19 59	4 11 13	Dec. 4th,
Middle	5 37 46	5 33 19	5 24 33	in the
Ends	6 51 6	6 46 39	6 37 53	Morning.
Duration	2 26 40	2 26 40	2 26 40	
Digits Eclipsed	6° 12′	6° 12′	6° 12′	On the Moon's northern Limb.

The third and last will be an Eclipse of the Sun, and will happen on Friday the 18th Day of December, near 10 o'Clock at Night : therefore invisible to all the Inhabitants of these Parts of the Globe.

A TABLE of the KINGS and QUEENS of England since the Conqueſt.

Kings and Queens.	Born A.D	Began their Reign.	Reigned Y. M. D.	Age.	Rem. Deaths and Dethron.	Where buried.
Will. Conq.	1027	1066 Oct. 14	20 10 26	60	Burſt by leap.	Caen, Norm
Will. Rufus	1057	1087 Sept. 9	12 10 24	43	Slain acci-	Wincheſter
Henry I	1058	1100 Aug. 2	35 3 3c	77	dentally.	Reading
Stephen	1105	1135 Dec. 1	18 10 24	49		Feverſham
Henry II	1134	1154 Oct. 25	34 8 12	55		Fonteveraud
Richard I	1156	1189 July 6	9 9 c	43	Slain with	Fonteveraud
John	1166	1199 April 6	17 6 13	50	an Arrow.	Worceſter
Henry III	1207	1216 Oct. 19	56 0 28	65		Weſtminſter
Edward I	1239	1272 Nov. 16	34 7 21	67		Weſtminſter
Edward II	1284	1307 July 7	19 6 18	43		Glouceſter
Edward III	1312	1327 Jan. 25	50 4 27	65		Weſtminſter
Richard II	1366	1377 June 21	22 3 8	33	Dep. & Mur.	Weſtminſter
Henry IV	1367	1399 Sept. 29	13 5 20	46		Canterbury
Henry V	1389	1413 Mar. 20	9 5 1i	33		Weſtminſter
Henry VI	1421	1422 Aug. 31	38 6 4	49	Dep. & Mur.	Windfor
Edward IV	1442	1461 Mar. 4	22 1 5	41		Windfor
Edward V	1471	1483 April 9	0 2 13	12	Murdered	Not known
Richard III	1443	1483 June 22	2 2 c	42	Slain inBatt.	Leiceſter
Henry VII	1457	1485 Aug. 22	23 8 c	52		Weſtminſter
Henry VIII	1492	1509 April 22	37 9 6	55		Windfor
Edward VI	1537	1547 Jan. 28	6 5 8	15		Weſtminſter
Mary I	1516	1553 July 6	5 4 11	42	Died ofGrief	Weſtminſter
Elizabeth	1533	1558 Nov. 17	44 4 7	69		Weſtminſter
James I	1566	1603 Mar. 24	22 0 3	58		Weſtminſter
Charles I	1600	1625 Mar. 27	23 10 3	48	Murdered by	Windfor
Charles II	1630	1649 Jan. 30	36 0 7	54	Villains.	Weſtminſter
James II	1633	1685 Feb. 6	4 0 7	67	Abdicated.	St. Germain
Mary II	1662	1689 Feb. 13	5 10 15	32		Weſtminſter
William III	1650	1689 Feb. 13	13 0 23	52	Killed by a	Weſtminſter
Anne	1665	1702 Mar. 8	12 4 24	49	Fall from	Weſtminſter
George I	1660	1714 Aug. 1	12 10 1c	67	his Horfe.	Hanover
George II	1683	1727 June 11	33 4 13	77		Weſtminſter
George III	1738	1760 Oct. 25	Whom GOD preſerve.			

The Preſidents of the ſeveral Hoſpitals of LONDON.

Robert Alſop, Efq;
Hon. Thomas Harley,
Sir Walter Rawlinſon, Kt
Samuel Plumb, Efq;

Preſident of

Chriſt Church Hoſpital.
St. Bartholomew's Hoſp.
Bethlem and Bridewell.
St. Thomas's Hoſpital.

A brief

SINCE the vast Fabrick of the World was founded 5828

Since *Noah's* Flood by which the World was drowned 4170

Since Fire and Brimstone *Sodom* did destroy   3070

Since the Destruction of renowned *Troy* 2960

Since ancient *London* was by *Lud* erected 2885

Since *York's* first Plat and Building was effected 2767

Since *Canterbury's* Basis first was laid 2670

Since *Rome's* first Wings o'er seven *Hills* were spread 2530

Since *Jesus Christ* at *Bethlehem* was born 1778

Since crucify'd with Cruelty and Scorn 1745

Since *England* first the *Christian Faith* receiv'd 1698

Since *London's* Tower was built (as 'tis believ'd) 1213

Since *England's* Conqueror this Nation won 712

Since to be built *Westminster Hall* begun 688

Since *London-bridge* was finished with Stones 569

Since the Invention of destructive *Guns* 400

Since the first Use of *Printing* was inspired 319

Since *St. Paul's* Steeple was by Lightning fired 217

Since that vile Project *Guido Vaux's* Plot 217

Since th' *Irish Massacre*, not yet forgot 172

Since noble *Strafford* on the Scaffold fell 137

Since *Edge-Hill* Fight, whereof loud Fame doth tell 136

Since *Cheapside* Cross was by the *Saints* pull'd down 135

Since *Moses'* Tables were of mean Renown 135

Since *Newbury* Fight with Crimson dy'd the Field 135

Since pious *Laud* to Martyrdom did yield 134

Since good King *Charles* resign'd his Royal Head 129

Since Virtue, Truth, and Justice all lay dead 129

Since *George Fox* first began the *Quakers* Sect 128

Since *Nol* usurp'd the Power to protect 124

Since Death and Vengeance did for *Cromwell* call 120

Since *Dick* his Son did from his Greatness fall 119

Since *Charles* the Second to *Whitehall* return'd 118

Since good Men for 't rejoic'd, and Rebels mourn'd 118

Since Rebels were at *Charing Cross* dissected 118

Since *London* was with the great Plague infected 113

Since *London's* dreadful Fire in *September* 112

Since the great blazing Comet in *December* 111

Since the vile Plot at *Rye House* was detected 95

Since Booths and Stalls were on the *Thames* erected 94

Since the fam'd *Oate* for Perjury was stripp'd
Of's Priestly Habit, and through *London* whipp'd } 93

Since *James* the Second did the Throne ascend 92

Since he to *Monmouth's* Treason put an End 92

Since

Since the Seven Bishops to the *Tower* were sent	90
Since the Lord *Jefferies* thither also went	90
Since the Prince of *Orange* landed at *Torbay*	90
Since late King *James* to *France* did make his Way	90
Since *William* and *Mary* at *Westminster* were crown'd	89
Since War with *France* the Trumpet loud did found	89
Since such vast Numbers at the *Boyne* were slain	88
Since *French* and *Irish* Gore did *Aghrim* stain	87
Since *Mary* our Queen pale Death did surround	84
Since he gave *Gloc'ster's* Duke a mortal Wound	78
Since Great Queen *Anne* unto the Throne ascended	76
Since War proclaimed with *France* which now is ended	76
Since the late high Wind in the Month *November*	75
Since *Blenheim* Fight, which well the *French* remember	74
Since *EMES* the Prophet was in his Grave interr'd	71
Since his sham Resurrection plain appear'd	70
Since the *Two* Kingdoms did in *One* unite	70
Since fatal Death depriv'd Prince *George* of Sight	70
Since that fam'd Priest *Sacheverel* was try'd	68
Since that great Surgeon Serjeant *Barnard* dy'd	68
Since *Ormond's* Duke our General became	66
Since *France* gave *Dunkirk* to *Anne* our Royal Dame	66
Since *Hamilton's* Duke in Duel lost his Life	66
Since *ANNA's* Death renew'd our factious Strife	64
Since *Perkin* did the *Scottish* Realm accost	63
Since Traitors Hopes in *Preston* Fight were lost	63
Since haughty *Spain* *Gibraltar* did blockade	51
Since at *Seville* a sham peace was made	49
Since *Spain* revok'd the Peace of *Seville*	47
Since *Germans*, *Dutch*, and *Britons* did agree	47
Since *Spain* in the *Vienna* Treaty join'd	47
Since our broad Gold was into Guineas coin'd	45
Since we with *Spain* an open War proclaim'd	39
Since *Porto Bell'* was taken and unfram'd	39
Since the great Frost that starv'd both Beast and Men	39
Since *British* Valour shone at *Dettingen*	35
Since *Perkin* junior this our Realm annoy'd	33
Since brave Duke William this rash Scheme destroy'd	32
Since Peace proclaimed with *France* and haughty *Spain*	29
Since Trade reviv'd and flourished again	29
Since *GEORGE* the Second's glorious Reign was ended	18
Since *GEORGE* the Third the *British* Throne ascended	18
Since *GEORGE* the Third made bloody Wars to cease } All o'er the Globe, and made a glorious PEACE. }	15

A TABLE

Year	Lord Mayor	Sheriffs
1688	Sir John Shorter	Sir *Bazil Firebrafs*, Sir *John Parsons*
1688	Sir John Eyles	No Freeman of *London*
1689	Sir John Chapman	Sir *Humphry Edwin*, Sir *John Fleet*
1690	Sir T. Pilkington	*Chrift. Lethulier*, Efq; Sir *John Houblon*
1691	Sir T. Pilkington	Sir *Edward Clark*, Sir *Francis Child*
1692	Sir Thomas Stamp	*William Afburft*, *Richard Levet*, Efqrs.
1693	Sir John Fleet	Sir *Thomas Lane*, Sir *Thomas Cook*
1694	Sir William Afhurft	Sir *Thomas Abney*, Sir *William Hedges*
1695	Sir Thomas Lane	Sir *John Sweetapple*, Sir *William Cole*
1696	Sir John Houblon	Sir *Edward Wills*, Sir *Owen Buckingham*
1697	Sir Edward Clark	Sir *John Wolf*, *Samuel Blewit*, Efq.
1698	Sir Humphry Edwin	Sir *Barth. Gracedieu*, *James Collet*, Efq.
1699	Sir Francis Child	Sir *William Gore*, Sir *Jofeph Smart*
1700	Sir Richard Levet	Sir *Charles Duncomb*, Sir *Jeffery Jefferies*
1701	Sir Thomas Abney	Sir *Robert Beachcroft*, Sir *Henry Furnefs*
1702	Sir William Gore	Sir *W. Withers*, Sir *P. Floyer*, Sir *J. Bateman*
1703	Sir Samuel Dafhwood	Sir *Robert Bedingfield*, Sir *Samuel Garrard*
1704	Sir John Parfons	Sir *Gilbert Heathcote*, Sir *Jofeph Wolfe*
1705	Sir O. Buckingham	Sir *John Buckworth*, Sir *W. Humphrys*
1706	Sir T. Rawlinfon	Sir *Charles Thorold*, Sir *Samuel Stanier*
1707	Sir R. Bedingfield	Sir *William Benfon*, Sir *Ambrofe Crawley*
1708	Sir Will. Withers	Sir *Benjamin Green*, Sir *Charles Peers*
1709	Sir Cha. Duncombe	*Charles Hopfon*, Efq; Sir *Richard Guy*
1710	Sir Samuel Garrard	Sir *Richard Hoare*, *Robert Dunck*, Efq.
1711	Sir Gilbert Heathcote	Sir *George Thorold*, *Francis Eyles*, Efq.
1712	Sir Robert Beachcroft	Sir *John Cafs*, Sir *William Stewart*
1713	Sir Richard Hoare	Sir *William Lewen*, Sir *Samuel Clarke*
1714	Sir Samuel Stanier	Sir *Francis Forbes*, Sir *Jofeph Sharp*
1715	Sir William Humphrys	Sir *Robert Breeden*, Sir *Randolph Knipe*
1716	Sir Charles Peers	Sir *John Ward*, Sir *John Fryer*
1717	Sir James Bateman	Sir *Gerrard Conyers*, *Charles Cook*, Efq.
1718	Sir William Lewen	Sir *Peter Delme*, Sir *Harcourt Mafters*
1719	Sir John Ward	Sir *John Bull*, *Thomas Ambrofe*, Efq.
1720	Sir George Thorold	Sir *John Eyles*, Bart. Sir *John Tafh*
1721	Sir John Fryer	Sir *George Cafwell*, *William Billers*, Efq.
1722	Sir William Stewart	Sir *George Mertins*, *Edward Becher*, Efq.
1723	Sir Ger. Conyers	*Humphry Parfons*, *Francis Child*, Efqrs.
1724	Sir Peter Delme	Sir *R. Hopkins*, *F. Feaft*, *E. Bellamy*, Efqrs.
1725	Sir George Mertins	Sir *Jofeph Eyles*, *Robert Baylis*, Efq.
1726	Sir Francis Forbes	*F. Porteen*, *J. Murden*, *J. Thompfon*, Efqrs.
1727	Sir John Eyles, *Bt.*	Sir *John Lock*, Sir *William Ogborn*
1728	Sir Edward Becher	Sir *John Grofvenor*, Sir *Thomas Lombe*
1729	Sir Robert Baylis	*Richard Brocas*, *Richard Levet*, Efqrs.
1730	Sir Richard Brocas	*J. Barber*, Efq; Sir *John Williams*
1731	Humph. Parfons, Efq.	*John Fuller*, Efq; Sir *Ifaac Shard*
1732	Sir Francis Child	*Samuel Ruffel*, *Thomas Pindar*, Efqrs.
1733	John Barber, Efq.	Sir *Henry Hankey*, *Robert Alfop*, Efq.
1734	Sir William Billers	*Robert Weftley*, *Daniel Lambert*, Efqrs.

1735	Sir Edward Bellamy	Micajah Perry, Esq. Sir John Salter
1736	Sir John Williams	Sir John Barnard, Sir John Godschall
1737	Sir John Thompson	Sir William Rous, Benjamin Rawlin, Esq.
1738	Sir John Barnard	Sir G. Champion, T. Russel, Esq; Sir R. Cater
1739	Micajah Perry, Esq;	James Brook, William Westbrook, Esq.
1740	Sir John Salter	George Heathcote, Esq. Sir J. Le Quesne
1741	Humph. Parsons, Esq. ⎫	Henry Marshall, Richard Hoare, Esqrs.
1741	Sir Daniel Lambert ⎭	
1742	Sir Robert Godschall ⎫	Robert Willimot, William Smith, Esqrs.
1742	Geo. Heathcote, Esq; ⎭	
1743	Sir Robert Willimot	William Benn, Charles Egleton, Esqrs.
1744	Sir Robert Westley	Robert Ladbroke, William Calvert, Esqrs.
1745	Sir Henry Marshall	Walter Barnard, Samuel Pennant, Esqrs.
1746	Sir Richard Hoare	John Blachford, Francis Cockayne, Esqrs.
1747	William Benn, Esq;	Thomas Winterbottom, Robert Alsop, Esqrs.
1748	Sir Robert Ladbroke	Crisp Gascoyne, Edward Davis, Esqrs.
1749	Sir William Calvert	Thomas Rawlinson, Edward Ironside, Esqrs.
1750	Sir Samuel Pennant ⎫	William Whitaker, Stephen Theodore Janssen,
1750	John Blachford, Esq; ⎭	Esqrs.
1751	Francis Cockayne, Esq;	William Alexander, Robert Scott, Esqrs.
1752	T Winterbottom, Esq ⎫	Slingsby Bethell, Marshe Dickenson, Esqrs.
1752	Robert Alsop, Esq; ⎭	
1753	Sir Crisp Gascoyne	Sir Charles Asgill, Sir Richard Glynn
1754	Edw. Ironside, Esq; ⎫	Thomas Chitty, Matthew Blakiston, Esqrs.
1754	T. Rawlinson, Esq; ⎭	
1755	Step. The. Janssen, Esq;	Sir Samuel Fluyder, Sir John Torriano
1756	Slingsby Bethell, Esq;	William Beckford, Ive Whitbread, Esqrs.
1757	Marshe Dickenson, Esq;	William Bridgen, William Stephenson, Esqrs.
1758	Sir Charles Asgill	George Nelson, Francis Gosling, Esqrs.
1759	Sir Richard Glynn	George Dandridge, Alexander Masters, Esqrs.
1760	Sir Thomas Chitty	George Errington, Paul Vaillant, Esqrs.
1761	Sir Matthew Blakiston	Sir Robert Kite, Sir William Hart
1762	Sir Sam. Fludyer, Bart.	Sir Nathaniel Nash, Sir John Cartwright
1763	William Beckford, Esq;	Sir Thomas Challener, Sir Henry Banks
1764	William Bridgen, Esq;	Hon. Thomas Harley, Richard Blunt, Esq.
1765	Sir William Stephenson	Brass Crosby, Esq; Sir Thomas Harris
1766	George Nelson, Esq;	B. Kennet, B. Charkwood, B. Trecothick, Esqrs
1767	Sir Robert Kite	Sir Robert Darling, Sir James Esdaile
1768	Hon. Thomas Harley	Richard Peers, William Nash, Esqrs.
1769	Samuel Turner, Esq;	Thomas Halifax, John Shakespear, Esqrs.
1770	Wm. Beckford, Esq; ⎫	James Townsend, John Sawbridge, Esqrs.
1770	Bar. Trecothick, Esq; ⎭	
1771	Brass Crosby, Esq;	William Baker, Joseph Martin, Esqrs.
1772	William Nash, Esq;	John Wilkes, Frederick Bull, Esqrs.
1773	James Townshend, Esq;	Richard Oliver, Esq. Sir Watkin Lewes
1774	Frederick Bull, Esq;	Stephen Sayre, William Lee, Esqrs.
1775	John Wilkes, Esq;	William Plomer, John Hart, Esqrs.
1776	John Sawbridge, Esq;	George Hayley, Nathaniel Newnham, Esqrs.
1777	Sir Thomas Halifax	Samuel Plumbe, Nathaniel Thomas, Esqrs.
1778	Sir James Esdaile	Robert Peckham, Richard Clarke, Esqrs.

A Catalogue of the Most Reverend, Right Reverend and Reverend, the Archbishops, Bishops and Deans, exercising Ecclesiastical Jurisdiction in England, 1778.

Archbishops.	Deans Names.	Sees Names.
H. Dr. Fr. Cornwallis	H. J. Cornwallis, LL.D	Canterbury
H. Dr. W. Markham	Dr. John Fountayne	York
Bishops.		
Dr. Robert Lowth	Dr. Thomas Newton	London
Hon. Dr. John Egerton	Hon. Wm. Digby	Durham
Dr. John Thomas	Dr. Newton Ogle	Winchester
Lord James Beauclerk	Dr. Nat. Wetherell	Hereford
Dr. Edmund Keene	Dr. Hugh Thomas	Ely
Sir Wm. Ashburnham	Dr. Charles Harward	Chichester
Dr. John Hume	Dr. Thomas Green	Salisbury
Dr. Philip Yonge	Dr. Philip Lloyd	Norwich
Dr. Wm. Warburton	Dr. Josiah Tucker	Gloucester
Dr. John Green	Hon. Dr. James Yorke	Lincoln
Dr. Thomas Newton	Dr. Cutts Barton	Bristol
Hon. Dr. Fred. Keppel	Dr. Jeremiah Miils	Exeter
Dr. Charles Moss	Lord Fran. Seymour	Bath and Wells
Dr. Jonathan Shipley	Mr. Shipley	St. Asaph
Dr. Edmund Law	Dr. Thomas Wilson	Carlisle
Hon. Dr. S. Barrington	Dr. Adams	Landaff
Dr. John Hinchcliffe	Dr. Tarrant, Archdea.	Peterborough
Hon. D. Brownl. North		Worcester
Hon. Dr. James Yorke	———— Prec.	St. David's
Dr. John Thomas	Rev Thos. Thurlow	Rochester
Dr. Richard Hurd	Dr. Proby	Litchfield and Coventry
Dr. John Moore	Dr. Thomas Lloyd	Bangor
Dr. Porteus	Dr. William Smith	Chester
Dr. Butler	Dr. Bagot	Oxford
	Dr. John Thomas	Westminster
Dr. Rich. Richmond		Sodor and Man
	Dr. Frederick Keppel	Windsor

The Names of the Learned Judges in the Law.

I. The Rt. Hon. Hen. Earl Bathurst, Lord High Chancellor of Gr. Britain. Right Hon. Sir Thomas Sewell, Knt. Master of the Rolls.

II. In the { Rt. Hon. W. Earl of Mansfield, L.C.J. Sir Richard Aston, Knt. K. Bench. { Edward Willes, Esq; Sir William Henry Ashurst, Knt.

III. In the { Rt. Hon. Sir Wm. De Grey, Knt. L.C.J. Sir H. Gould, Knt. Co. Pleas. { Sir William Blackstone, Knt. Sir Geo. Nares, Knt.

IV. In the { Sir S. Stafford Smythe, Knt. L.C.B. Sir James Eyre, Knt. Exchequer { Sir Beaumont Hotham, Knt. Sir Richard Perrin, Knt.

Edw. Thurloe, Esq; Attor. Gen. Alex. Wedderburn, Esq; Sollic. Gen.

The Names of the Aldermen of *LONDON*, and the Places of their Habitations, with the Wards under their Jurisdiction.

*Those marked thus * have passed the Chair.*

*Rob. Alfop, Efq; Great Malbro'-ftr.	*Bridge Ward without*
*William Bridgen, Efq; Forty-hill	*Farringdon within*
*Rt. Hon. Tho. Harley, Alderfgate-ft.	*Portfoken Ward*
*Brafs Crofby, Efq; Surry-ftreet	*Bread-ftreet Ward*
*James Townfhend, Efq; Auftin Friars	*Bifhopfgate Ward*
*Fred. Bull, Efq; King-ftr. Cheapfide	*Queenhithe Ward*
*John Wilkes, Efq; Princes-court	*Farringdon without*
*J. Sawbridge, Efq; N. Burlington-ft.	*Langbourn Ward*
*Sir Thomas Halifax, Birchin-lane	*Alderfgate Ward*
John Glynn, Efq; *Recorder*	
Sir James Efdaile, Bunhill-row	*Cripplegate Ward*
Samuel Plumbe, Efq; Fofter-lane	*CaftleBaynard Ward*
Brackley Kennet, Efq; Pall-mall	*Cornhill Ward*
John Kirkman, Efq; College-hill	*Cheap Ward*
Richard Oliver, Efq; Fenchurch-ftreet	*Billingfgate Ward*
Sir Watkin Lewis, Knt. Cecil ftreet	*Lime-ftreet Ward*
William Plomer, Efq; at Aldgate	*Baffifhaw Ward*
Nathaniel Thomas, Efq; Bridge ftreet	*Walbrook Ward*
Robert Peckham, Efq; Auftin Friars	*Coleman-ftreet Ward*
George Hayley, Efq; Great Aylifl-ftr.	*Cordwainers Ward*
Nath. Newnham, Efq; Botolph-lane	*Vintry Ward*
William Lee, Efq; Great Tower-ftreet	*Aldgate Ward*
Richard Clarke, Efq;	*Broad-ftreet Ward*
Thomas Wooldridge, Efq;	*Bridge Ward within*
John Hart, Efq; Thames-ftreet	*Dowgate Ward*
Thomas Wright, Efq;	*Candlewick Ward*
Evan Pugh, Efq. Bifhopfgate-ftreet	*Tower Ward*

Robert Peckham, Efq; } *Sheriffs.*
Richard Clarke, Efq; }

Benjamin Hopkins, Efq; *Chamberlain.*

Thomas Nugent, Efq; *Common Serjeant.*

William Rix, Efq; *Town Clerk.*

Rates

Rates for *Hackney Coaches* and *Chairs* in *London*, or within ten Miles thereof, by *Stat.* 9. *An. Reg.*

	s.	*d.*
For one Day of 12 Hours	10	0
For one Hour	1	6
For every Hour after the firſt	1	0
From any of the Inns of Court to any Part of *St. James's*, or City of *Weſtmin.* except beyond *Tothill-ſt.*	1	0
From the Inns of Court, or thereabouts, to the *RoyalExc.*	1	0
From any of the Inns of Court to the *Tower*, *Aldgate*, *Biſhopſgate-ſtreet*, or thereabouts	1	0

And it is alſo declared that no *Hackney Coachman* ſhall take for his Hire more than One Shilling for any Diſtance not exceeding one Mile and an Half, and Eighteen-pence for any greater Diſtance not exceeding two Miles.

And *Hackney Chairmen*, by the ſaid *Act*, ſhall not take more than one Shilling for any Diſtance not exceeding one Mile, and Eighteen-pence for any Diſtance not exceeding a Mile and an half.

For better knowing the Diſtances between the moſt noted Places in the *City* and *Suburbs*, the *Commiſſioners* have cauſed the ſame to be meaſured, *viz.*

One Shilling Rates for *Hackney Coaches*, for Diſtances not exceeding one Mile and an Half, *viz.*

From Weſtminſter-hall *to* Marlborough-ſtreet
Weſtminſter-hall *to* Albemarle-ſtreet.
Weſtminſter-hall *to* Bolton-ſtreet
Weſtminſter-hall *to* Bloomſbury-ſquare
Weſtminſter-hall *to* Soho-ſquare
Weſtminſter-hall *to* Little Queen-ſtreet, Holborn
St. James's-gate, to Queen Anne's-ſquare, Weſtminſter
St. James's-gate *to the neareſt Corner of* Red-lion-ſquare
Golden-ſquare *to* Red-lion-ſquare
Haymarket *Playhouſe to* Red-lion-ſquare
Haymarket *Playhouſe to* Thavies-inn
Haymarket *Playhouſe to* Bloomſbury-ſquare
Guildhall to Red-lion-ſquare
Upper End of Fetter-lane, Holborn, *to* Aldgate
Royal Exchange *to* Mile-end *Turnpike*

Royal Exchange to Hoxton-fquare
Newgate *to the Middle of* Greek-ftreet, *near* Soho-fquare
Bridge-foot, Southw. *to* Sir W. Walworth's-head, Walworth
Gray's-inn-gate *to* Sadler's-wells, *by* Iflington
Covent-garden *to* Clerkenwell *Church*
Temple-bar *to* Billingfgate
Aldgate *to* Shadwell *Church*

Eighteen-pence Rates for *Hackney Coaches,* for Diftances not exceeding two Miles.

Drury-lane *Playhoufe* to Queen's-fquare, Weftminfter
Weftminfter-hall *to* St. Paul's *Church*
Weftminfter-hall *to* Queen's-fquare, Red-lion-fields
St. James's-gate *to* Hatton-garden
New Exchange *in the* Strand *to the* Royal Exchange
From the Haymarket *Playhoufe to* Hatton-garden
Weftminfter-hall *to* Red-lion-fquare
St. James's *to* Marybone *Church*
The Royal Exchange *to* Bloomfbury-fquare
The Royal Exchange *to the* Watch-houfe, Mile-end
The Outfide of Aldgate *to* Stepney *Church*
Bedford-ftreet, Covent-garden, *to* Coleman-ftreet
Bread-ftreet *to* Hoxton-fquare
Middle of Broad-ftreet *to* Hart-ftreet, Bloomfbury-market
St. Martin's-lane, *in the* Strand, *to* Gold-ftreet, *by* Wood-ft.
Middle of Gracechurch-ftreet *to* Somerfet-houfe
Guildhall *to* Brownlow-ftreet, *in* Drury-lane
The Royal Exchange *to* Newington *Church,* Surry
Covent-garden *to the* Royal Exchange
Stocks-market *to* Charing-crofs
Aldgate *to* Ratcliff-crofs

One Shilling Rates for *Hackney Chairs,* for Diftances not exceeding one Mile.

From Weftminfter-hall *to* Covent-garden
Weftminfter-hall *to* Exeter 'Change
St. James's-gate *through the* Park *to* Weftminfter-hall
Haymarket *Playhoufe to the Entrance of* Lincoln's-inn-fields
Haymarket *Playhoufe to* Bolton-ftreet
St. James's-gate *to* Somerfet-houfe
Somerfet-houfe *to the Upper End of* Hatton-garden

May-

Haymarket *Playhouse to* Effex-ftreet
Haymarket *Playhouse to* Soho-fquare
The neareft Corner of Golden-fquare *to* Drury-lane *Playhoufe.*

Note, That *Hackney Chairmen* are obliged to go the fame Diftances for 1s 6d which the Coaches perform for 1s.

And if any *Hackney Coachman* or *Chairman* fhall refufe to go at, or exact more for Hire than the Rates hereby limited, he fhall, for every fuch Offence, forfeit 40s.

Note, The Mile, according to *Statute, Hen.* 7, is 8 Furlongs, or 5280 Feet. Then if the ftep or Pace of a Man, in walking, be 5 Feet, 1056 fuch Paces will be an exact Mile.

Rates of Watermen, *as they are fet forth by the* Lord Mayor *and* Aldermen *of* London.

	Oars		Sculs	
	s.	d.	s.	d.
From London-bridge *to* Limehoufe, New-crane, Shadwell-dock, Bell-wharf, Ratcliff-crofs ——	1	0	0	6
To Wapping-dock, Wapping New & Old Stairs, *the* Hermitage, Rotherhithe Church Stairs——	0	6	0	3
From St. Olave's *to* Rotherhithe Church Stairs, *and* Rotherhithe Stairs —— ——	0	6	0	3
From Billingfg. St Olave's, *to* St Saviour's Mill	0	6	0	3
Any Stairs between London-bridge & Weftm.	0	6	0	3
From either Side above London-bridge to Lambeth *and* Vauxhall —— ——	1	0	0	6
From Whitehall *to* Lambeth *and* Vauxhall—	0	6	0	3
From Temple, Dorfet, *and* Black-friars Stairs, or Paul's-wharf, *to* Lambeth ——	0	8	0	4
Over the Water directly between Vauxhall *and* Limehoufe —— ——	0	4	0	2

The Rates of *Oars.*

Down the River.

		Whole Fare.		Company.	
		s.	d.	s.	d.
From London to	Gravefend	4	6	0	4
	Grays *or* Greenhithe	4	0	0	4
	Purfleet *or* Erith	3	0	0	3
	Woolwich	2	6	0	3
	Blackwall	2	0	0	3
	Greenwich, Deptford	1	6	0	3

Up

Rates of Watermen, &c.

Up the River.

		Whole Fare.		Company.	
		s.	d.	s.	d.
	Chelſea, Batterſea, Wandſworth ———	1	6	0	3
	Putney, Fulham, Barn-Elms ———	2	0	0	4
	Hammerſmith, Chiſwick, Mortlake ——	2	6	0	6
	Brentford, Iſleworth, Richmond ———	2	6	0	6
From London to	Twickenham ——— ———	4	0	0	9
	Kingſton ——— ———	5	0	1	0
	Hampton-Court ———	6	0	1	0
	Hampton-Town, Sunbury, *and* Walton	7	0	1	0
	Weybridge, Chertſey ———	10	0	1	0
	Staines ——— ———	12	0	1	0
	Windſor ——— ——— ———	14	0	1	4

Rates for carrying of Goods in the Tilt-boat *between* Graveſend *and* London.

	s.	d.
A half Firkin ——— ——— ———	0	1
Whole Firkin ——— ——— ———	0	2
Hogſhead ——— ———	2	0
One Hundred Weight of Cheeſe, Iron, or heavy Goods	0	4
Sack of Salt, Corn, a Cheſt, Trunk, or Hamper	0	6
Every ſingle Perſon in the ordinary Paſſage	0	6
The Hire of the Whole Tilt-boat ———	22	6

What Waterman takes and demands more than theſe Rates, lies liable to pay 40 s. and ſuffer half a Year's Impriſonment.

Directions for paſſing and repaſſing on the Water about London.

Obſerve, That below Bridge the Water ebbs ſeven Hours and flows five.

Above Bridge it ebbs eight Hours, and flows four, according to the Watermens' Obſervation; who, in their Converſation, uſe theſe Terms:

If the Water is at loweſt, then it is called *Low-water*; if riſing, then *Young* or *Old Flood*; when it is at higheſt, and begins to fall, *Ebb Water*.

High-water is the Time at *Billingſgate* for all Paſſengers that are bound for *Graveſend*, *Tilbury*, *Grays*, &c.

If to *Woolwich*, *Blackwall*, *Greenwich*, &c. any Time till one, two, or three Hours after High-water.

A TABLE

A TABLE for finding the hourly Motion of the Moon, and thereby her true Place at any Time of the Day.

H°	11 46		11 56		12 6		12 16		12 26		12 36		12 46		12 56		13 6		13 16		13 26	
	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m	d.	m.	d.	m
1	0	29	0	30	0	30	0	30	0	31	0	31	0	32	0	32	0	33	0	33	0	34
2	0	59	1	0	1	0	1	1	1	2	1	3	1	4	1	5	1	5	1	6	1	7
3	1	28	1	30	1	31	1	32	1	33	1	35	1	36	1	37	1	38	1	39	1	41
4	1	58	1	59	2	1	2	3	2	4	2	6	2	8	2	9	2	11	2	13	2	14
5	2	27	2	29	2	31	2	34	2	35	2	37	2	40	2	42	2	44	2	46	2	48
6	2	57	2	59	3	1	3	4	3	6	3	09	3	11	3	14	3	16	3	19	3	21
7	3	26	3	29	3	32	3	35	3	38	3	40	3	43	3	46	3	49	3	52	3	55
8	3	55	3	59	4	2	4	6	4	9	4	12	4	15	4	19	4	22	4	25	4	29
9	4	25	4	28	4	32	4	36	4	40	4	43	4	47	4	51	4	55	4	58	5	2
10	4	54	4	58	5	3	5	7	5	11	5	15	5	19	5	23	5	27	5	32	5	36
11	5	24	5	28	5	33	5	37	5	42	5	46	5	51	5	56	6	0	6	5	6	9
12	5	53	5	58	6	3	6	8	6	13	6	18	6	23	6	28	6	33	6	38	6	43
13	6	22	6	28	6	33	6	39	6	44	6	49	6	55	7	0	7	6	7	11	7	17
14	6	52	6	58	7	3	7	9	7	15	7	21	7	27	7	33	7	38	7	44	7	50
15	7	21	7	28	7	34	7	40	7	46	7	52	7	59	8	5	8	11	8	17	8	24
16	7	51	7	57	8	4	8	11	8	17	8	24	8	31	8	37	8	44	8	51	8	57
17	8	20	8	27	8	34	8	41	8	48	8	55	9	3	9	10	9	17	9	24	9	31
18	8	49	8	57	9	4	9	12	9	19	9	27	9	34	9	42	9	49	9	57	10	4
19	9	19	9	27	9	35	9	43	9	51	9	58	10	6	10	14	10	22	10	30	10	38
20	9	48	9	57	10	5	10	13	10	21	10	30	10	38	10	47	10	55	11	3	11	12
21	10	18	10	27	10	35	10	44	10	53	11	1	11	10	11	19	11	27	11	36	11	45
22	10	47	10	57	11	6	11	15	11	24	11	33	11	42	11	51	12	0	12	10	12	19
23	11	17	11	26	11	36	11	45	11	55	12	4	12	14	12	24	12	33	12	43	12	52
24	11	46	11	56	12	6	12	16	12	26	12	36	12	46	12	56	13	6	13	16	13	26

The Use of this TABLE is to find (by an *Ephemeris*) the true Place of the Moon at any particular Time of the Day. But first you must know, that all Aftronomers begin the Day at Noon, and count 24 Hours to the Day; so that beginning one Day at Noon, the fame ends the next Day at Noon; therefore 1 in the Afternoon is the first Hour of the Day, and 13 Hours after Noon is the next Day 1 in the Morning. Now in the following *Ephemeris*, the Moon's Place in the 3d Column in every Month is exactly calculated to the Meridian of *London*; and, to know her daily Motion, you must subtract the Place of the Moon one Day, from her Place the following Day, by adding 30 degrees

	13 30	13 40	13 50	14 0	14 16	14 26	14 36	14 46	14 56	15 6	15 16
	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.
1	0 34	0 34	0 35	0 35	0 36	0 36	0 36	0 37	0 37	0 38	0 38
2	1 8	1 9	1 10	1 10	1 11	1 12	1 13	1 14	1 15	1 15	1 16
3	1 42	1 43	1 44	1 46	1 47	1 48	1 49	1 51	1 52	1 53	1 54
4	2 16	2 18	2 19	2 21	2 23	2 24	2 26	2 28	2 29	2 31	2 33
5	2 50	2 52	2 54	2 56	2 58	3 0	3 3	3 5	3 7	3 9	3 11
6	3 24	3 26	3 29	3 31	3 34	3 36	3 39	3 41	3 44	3 46	3 49
7	3 58	4 1	4 4	4 7	4 10	4 12	4 15	4 18	4 22	4 24	4 27
8	4 32	4 35	4 39	4 42	4 46	4 49	4 52	4 55	4 59	5 2	5 5
9	5 6	5 10	5 13	5 17	5 21	5 25	5 28	5 32	5 36	5 40	5 43
10	5 40	5 44	5 48	5 52	5 57	6 1	6 5	6 9	6 13	6 17	6 22
11	6 14	6 19	6 23	6 28	6 32	6 37	6 41	6 46	6 51	6 55	7 0
12	6 48	6 53	6 58	7 3	7 8	7 13	7 18	7 23	7 28	7 33	7 38
13	7 22	7 27	7 33	7 38	7 44	7 49	7 54	8 0	8 5	8 11	8 16
14	7 56	8 2	8 8	8 13	8 19	8 25	8 31	8 37	8 43	8 48	8 54
15	8 30	8 36	8 42	8 49	8 55	9 1	9 7	9 14	9 20	9 26	9 32
16	9 4	9 11	9 17	9 24	9 30	9 37	9 44	9 51	9 57	10 4	10 11
17	9 38	9 45	9 52	9 59	10 6	10 13	10 20	10 28	10 35	10 42	10 49
18	10 12	10 19	10 27	10 34	10 42	10 49	10 57	11 4	11 12	11 19	11 27
19	10 46	10 54	11 2	11 10	11 18	11 26	11 34	11 41	11 49	11 57	12 5
20	11 20	11 28	11 37	11 45	11 53	12 2	12 10	12 18	12 27	12 35	12 43
21	11 54	12 3	12 11	12 20	12 29	12 38	12 46	12 55	13 4	13 13	13 21
22	12 28	12 37	12 46	12 55	13 5	13 14	13 23	13 33	13 41	13 50	14 0
23	13 2	13 12	13 21	13 31	13 40	13 50	13 59	14 9	14 18	14 28	14 38
24	13 36	13 46	13 56	14 6	14 16	14 26	14 36	14 46	14 56	15 6	15 16

grees (if Need require it); for so many Degrees hath every Sign, and 60 Minutes are in every Degree; so you have the daily Motion of the Moon: Then look for the same in the Head, or the nearest Number you can find, and under it is the Motion of the Moon, agreeing to that Time.

EXAMPLE. To find the Place of the Moon on the 3d Day of January at 9 at Night: Her Place at Noon is ♓ 7° 15′, and the next Day in 20° 41′ of the same Sign; therefore her diurnal Motion is 13° 26′; then I find the nearest Number to this, viz. 13° 26′, in the Head of the Table, and against 9 Hours is 5° 2′, which being added to ♓ 7° 15′, her Place at Noon, the Sum will be ♓ 12° 17′, her Place at 9 o'Clock that Night.

The Planets daily Motions Geocentrick.

	1	2N 17	1N 0	1S. 8	oN 33	2S. 6	8	42
The Planets Latitudes	7	2	18	1	2	1	5	o	18	1	43	8	23
and Place of ☽'s ☊	13	2	19	1	3	1	2	o	3	o	53	8	4
to every 6th Day.	19	2	20	1	4	o	58	oS. 13	oN 31	7	45
	25	2	21	1	5	o	55	o	27	2	16	7	26

M D	☉ ♑	☽	♒	Lat. ☽	♄	♏	♃ ℞	☊	♂ ♒	♀	♃	☿	♑	Sun's Declin. South
1	11	17	11	9	2S. 50	13	7	26	19	18	43	21	29	23	47	22	59
2	12	19	24	4	3	46	13	12	26	15	19	36	22	44	25	24	22	54
3	13	20	7 ♓ 15	4	31	13	17	26	11	20	17	23	59	27	0	22	48
☉ 14	21	20	41	5	2	13	21	26	7	21	4	25	14	28	30	22	42
5	15	22	4 ♈ 21	5	16	13	26	26	2	21	51	26	29	0 ♒ 11	22	35
6	16	23	18	15	5	12	13	31	25	58	22	39	27	44	1	46	22	28
7	17	25	2 ♉ 24	4	51	13	35	25	53	23	26	29	0	3	19	22	20
8	18	26	16	45	4	10	13	40	25	48	24	13	o♈ 15	4	50	22	12
9	19	27	1 ♊ 16	3	14	13	44	25	43	25	0	1	30	6	20	22	3
10	20	28	15	52	2	4	13	48	25	38	25	47	2	46	7	47	21	54
☉ 21	29	0 ♋ 28	0	46	13	52	25	32	26	34	4	1	9	12	21	45
12	22	30	14	59	oN 34	13	55	25	27	27	21	5	16	10	24	21	35
13	23	31	29	17	1	51	13	59	25	21	28	8	6	31	11	52	21	25
14	24	32	13 ♌ 18	3	0	14	3	25	15	28	55	7	46	13	4	21	14
15	25	33	26	58	3	56	14	7	25	9	29	42	9	1	14	12	21	3
16	26	35	10 ♍ 15	4	39	14	10	25	3	0 ♓ 29	10	17	15	15	20	52
17	27	36	23	10	5	4	14	14	24	57	1	16	11	32	16	11	20	40
☉ 28	37	5 ♎ 44	5	15	14	18	24	50	2	3	12	47	16	59	20	28
19	29	38	18	1	5	11	14	21	24	44	2	50	14	2	17	38	20	15
20	♒	39	o ♏ 3	4	54	14	24	24	37	3	37	15	17	18	8	20	2
21	1	40	11	56	4	24	14	27	24	30	4	24	16	33	18	28	19	49
22	2	41	23	46	3	43	14	31	24	23	5	11	17	48	18	37	19	35
23	3	42	5 ♐ 37	2	52	14	34	24	16	5	58	19	3	18 ℞ 35	19	21
24	4	43	17	34	1	53	14	37	24	9	6	45	20	18	18	20	19	7
☉ 5	44	29	40	0	50	14	40	24	2	7	32	21	34	17	56	18	52
26	6	45	11 ♑ 58	oS. 18	14	42	23	55	8	19	22	49	17	21	18	37
27	7	46	24	33	1	26	14	45	23	47	9	6	24	4	16	36	18	21
28	8	47	7 ♒ 24	2	31	14	45	23	40	9	53	25	20	15	41	18	5
29	9	48	20	31	3	29	14	50	23	33	10	39	26	35	14	58	17	49
30	10	49	3 ♓ 53	4	17	14	53	23	25	11	26	27	50	13	29	17	33
31	11	49	17	20	4	51	14	55	23	18	12	12	29	0	12	17	17	16

D.	♄	♏ ♃	♌ ♂	✶	⊖	♋	♀	♏ ☿	♒	Da. lng. B. & E.	Sun Ri. Set.	Clock too fast
1	8	15	18	51	14	18	11	17	24 7	20 38	5 59 7	8 4 4	4 15
7	8	26	19	19	15	5	17	25	3 ♃ 40	22 ♓ 3	5 56 7	7 59 5	6 57
13	8	38	19	47	21	52	23	31	13 12	22 ♈ 31	5 52 7	7 53 5	9 21
19	8	49	20	15	25	38	29	38	22 44	28 ♉ 3	5 46 7	7 46 5	11 21
25	9	0	20	44	29	22	5 ♌ 44	2 ♑ 13	5 ♋ 46		5 39 7	7 37 5	12 45

	The Lunar Afpects.							The Mutual
M D.	H. Wa. Lon. B.		☉	♄	♃	♂	♀	☿	Afpects.
	Morn.	Aftern.							
1	3 41	3 57		□ 4		♂ 15	✶ 23		
2	4 15	4 33			8 4				
3	4 51	5 10	✶ 12	△ 11					✶ ☉ ♄
☉	5 31	5 52					□ 11	✶ 16	△ ♃ ♀
5	6 17	6 42	□ 21						
6	7 8	7 34			△ 13	✶ 8	△ 18		
7	8 5	8 37		8 19				□ 2	
8	9 13	9 46	△ 3		□ 15	□ 13			☽ Perig.
9	10 26	11 2						△ 9	
10	11 38				✶ 16	△ 17			
☉	0 13	0 46		△ 22			8 6		
12	1 19	1 50	8 14						
13	2 21	2 44				♂ 21			
14	3 7	3 25		□ 1				8 0	
15	3 43	3 59			8 5				□ ♄ ☿
16	4 16	4 34	✶ 7				△ 0		
17	4 52	5 9	△ 9						
☉	5 26	5 46					□ 15		
19	6 6	6 27		✶ 13				△ 0	✶ ♄ ♀
20	6 49	7 12	□ 1			△ 8			
21	7 36	8 3		♂ 5			✶ 8	□ 13	☽ Apog.
22	8 30	8 59	✶ 20		□ 1				
23	9 28	9 59				□ 0			
24	10 30	11 1			△ 13			✶ 1	
☉	11 32					✶ 16			
26	0 3	0 32		✶ 5			♂ 23		
27	1 0	1 27							
28	1 54	2 22	♂ 3	□ 14				♂ 14	
29	2 43	3 4			8 5				
30	3 21	3 37		△ 20		♂ 14			
31	3 52	4					✶ 23		♂ ☉ ☿

The Planets daily Motions Geocentrick.

	1	2N23	1N 6	0S.50	0S.43	3N38	7 4
The Planets Latitudes	7	2 25	1 6	0 47	0 55	3 21	6 45
and Place of ☽'s �	13	2 26	1 7	0 43	1 5	2 16	6 25
to every 6th Day.	19	2 27	1 7	0 39	1 13	1 1	6 6
	25	2 29	1 8	0 35	1 20	0S. 6	5 47

M D	☉ ≈	☽ ♈	Lat. ☽	♄ ♏	♃ R ♌	♂	♅	♀ ≈	☿ R ≈	Sun's Declin. South.
☉	12 50	1 16	5S. 9	14 57	23 10	13 0	0 20	11 2	16 59
2	13 51	15 12	5 10	14 59	23 3	13 47	1 35	9 49	16 41
3	14 52	29 14	4 51	15 1	22 55	14 33	2 50	8 40	16 24
4	15 53	13♉21	4 15	15 3	22 47	15 20	4 5	7 35	16 6
5	16 53	27 30	3 23	15 5	22 39	16 6	5 20	6 35	15 48
6	17 54	11♊40	2 19	15 6	22 31	16 53	6 35	5 41	15 29
7	18 55	25 49	1 7	15 8	22 23	17 39	7 50	4 55	15 10
☉	19 56	9♋56	0N 9	15 10	22 15	18 26	9 5	4 16	14 51
9	20 56	23 57	1 25	15 11	22 7	19 12	10 21	3 45	14 32
10	21 57	7♌49	2 34	15 12	21 59	19 59	11 36	3 23	14 13
11	22 57	21 31	3 33	15 14	21 51	20 45	12 51	3 9	13 53
12	23 58	4♍57	4 20	15 15	21 43	21 32	14 6	3 1	13 33
13	24 59	18 7	4 50	15 16	21 35	22 18	15 21	3D. 1	13 13
14	25 59	0♎58	5 5	15 16	21 27	23 4	16 36	3 8	12 52
☉	27 0	13 31	5 6	15 17	21 19	23 51	17 52	3 21	12 32
16	28 0	25 48	4 52	15 17	21 12	24 37	19 7	3 40	12 11
17	29 0	7♏51	4 25	15 18	21 4	25 24	20 22	4 5	11 50
18	♓ 1	19 45	3 47	15 18	20 56	26 10	21 37	4 35	11 29
19	1 1	1♐35	3 1	15. 19	20 48	26 56	22 52	5 10	11 7
20	2 2	13 25	2 4	15 20	20 40	27 42	24 7	5 49	10 46
21	3 2	25 22	1 3	15 20	20 33	28 29	25 22	6 32	10 24
☉	4 2	7♑30	cS. 1	15 20	20 25	29 15	26 37	7 19	10 2
23	5 3	19 53	1 7	15R20	20 17	0♈ 1	27 52	8 9	9 40
24	6 3	2≈37	2 11	15 20	20 9	0 47	29 7	9 3	9 18
25	7 3	15 42	3 10	15 20	20 2	1 33	0♓22	10 0	8 56
26	8 3	29 9	4 1	15 19	19 55	2 19	1 37	11 0	8 34
27	9 4	12♓56	4 38	15 19	19 48	3 5	2 52	12 3	8 11
28	10 4	27 0	4 59	15 18	19 41	3 50	4 6	13 7	7 48

	The Heliocentrick Motions.											February, 1778.		
Days	♄	♏	♃	♌	♂	♈	⊖	♌	♀	♑	☿	♌	Day-lig. B. & E.	Sun Ri. Set.	Clock too fast.
1	9 13	21	17	3 43	12 50	13	17	16	17	5 30	7 7 26 5	14 7
7	9 24	21	45	7 25	18 55	22 46	15♏ 7	5 21	7 7 14 5	14 37
13	9 35	22	13	11 5	24 59	2≈15	8≏57	5 12	7 7 5 5	14 38
19	9 47	22	41	14 44	1♏ 1	11 44	28 14	5 0	7 6 53 6	14 12
25	9 58	23	9	18 22	7 3	21 14	17♏18	4 50	8 6 41 6	13 22

M	H. Wat. Lon. B.		The Lunar Aspects.					The Mutual Aspects.
D.	Morn.	Aftern.	☉	♄	♃	♂	♀	☿	
☉	4 26	4 44	⚹ 22					⚹ 16	
2	5 2	5 21			△ 13				
3	5 44	6 7					□ – 7	□ 15	□ ☉ ♄
4	6 34	7 1	□ 5	8 3	□ 15	⚹ 4			△ ♄ ♂ · ☽ Perig.
5	7 32	8 4					△ 15	△ 15	
6	8 41	9 19	△ 11		⚹ 18	□ 10			♂ ♀ ☿
7	9 57	10 36			△ 9		△ 15		
☉	11 14	11 52	.						
9		0 25						8 16	
10	0 58	1 27		□ 13			8 7		8 ☉ ♃
11	1 56	2 21	8 3		♂ 1				
12	2 46	3 3		⚹ 19					
13	3 20	3 35				8 8			□ ♄ ♀
14	3 49	4 3					△ 4		
☉	4 18	4 35		⚹ 15		△ 10			
16	4 51	5 7	△ 5					□ 16	
17	5 24	5 43		♂ 15					8 ♃ ♀
18	6 3	6 26	□ 23		□ 2	△ 14	□ 5		☽ Apog.
19	6 50	7 15						⚹ 8	
20	7 41	8 11			△ 15				
21	8 42	9 16	⚹ 17			□ 6	⚹ 0		
☉	9 50	10 23		⚹ 15					
23	10 55	11 30				⚹ 21			
24		0 4						♂ 13	
25	0 33	1 2		□ 0	8 8				
26	1 29	1 55	♂ 17				♂ 5		
27	2 20	2 44		△ 4					
28	3 3	3 21				♂ 12			

The Planets daily Motions Geocentrick.   ♌♄   ♋

The Planets Latitudes and Place of ☽'s ☋ to every 6th Day.

Day	♄	♃	♂	♀	☿	☽'s ☋
1	2N29	1N 8	oS.32	1S.23	oS.42	5 34
7	2 31	1 8	0 28	1 26	1 29	5 15
13	2 32	1 7	0 24	1 26	2 0	4 56
19	2 33	1 7	0 20	1 24	2 16	4 37
25	2 34	1 7	0 16	1 20	2 16	4 18

M.D.	☉ (✶→♈)	☽	Lat. ☽	♄ ℞ (m)	♃ ℞ (♌)	♂ (♈)	♀ (✶→♈)	☿ (♒→✶)	Sun's Declin. South
⊙ 1	11 4	11 15	5S. 2	15 18	19 35	4 36	5 21	14 13	7 25
2	12 4	25 36	4 46	15 17	19 28	5 22	6 36	15 22	7 3
3	13 4	9♉59	4 13	15 16	19 21	6 8	7 51	16 33	6 40
4	14 4	24 17	3 23	15 15	19 14	6 53	9 6	17 46	6 17
5	15 4	8♊28	2 21	15 14	19 8	7 39	10 31	19 1	5 53
6	16 4	22 31	1 12	15 13	19 1	8 24	11 35	20 18	5 30
7	17 4	6♋24	0N 2	15 11	18 55	9 10	12 50	21 36	5 7
⊙ 8	18 4	20 10	1 14	15 10	18 49	9 56	14 5	22 56	4 44
9	19 4	3♌46	2 21	15 8	18 43	10 41	15 20	24 18	4 20
10	20 3	17 13	3 20	15 7	18 37	11 27	16 35	25 41	3 57
11	21 3	0♍29	4 6	15 5	18 32	12 12	17 49	27 5	3 33
12	22 3	13 34	4 39	15 3	18 26	12 58	19 4	28 31	3 9
13	23 3	26 26	4 57	15 1	18 21	13 43	20 19	29 58	2 46
14	24 2	9♎5	5 0	14 59	18 16	14 28	21 34	1♓27	2 22
⊙ 15	25 2	21 30	4 48	14 57	18 11	15 14	22 49	2 57	1 59
16	26 2	3♏42	4 24	14 55	18 6	15 59	24 3	4 28	1 35
17	27 1	15 43	3 48	14 53	18 1	16 44	25 18	6 1	1 11
18	28 1	27 35	3 2	14 51	17 56	17 29	26 33	7 35	0 48
19	29 0	9♐25	2 8	14 49	17 51	18 14	27 47	9 10	0 24
20	♈ 0	21 13	1 10	14 46	17 46	18 59	29 2	10 47	0 0
21	0 59	3♑9	0 7	14 44	17 42	19 44	0♈16	12 25	0N23
⊙ 22	1 58	15 16	0S.57	14 42	17 38	20 29	1 31	14 4	0 47
23	2 58	27 40	1 59	14 39	17 34	21 14	2 45	15 44	1 11
24	3 57	10♒24	2 57	14 36	17 30	21 58	4 0	17 26	1 34
25	4 57	23 34	3 48	14 33	17 27	22 43	5 14	19 8	1 58
26	5 56	7♓10	4 28	14 30	17 24	23 28	6 29	20 54	2 21
27	6 55	21 13	4 53	14 27	17 21	24 13	7 44	22 40	2 45
28	7 54	5♈38	5 0	14 24	17 18	24 57	8 58	24 28	3 8
⊙ 29	8 54	20 10	4 48	14 21	17 15	25 42	10 12	26 17	3 32
30	9 53	5♉7	4 17	14 17	17 13	26 26	11 27	28 7	3 53
31	10 52	19 54	3 27	14 14	17 10	27 11	12 42	29 58	4 18

The Heliocentrick Motions — March, 1778.

Days	♄	♏ 24	♌ ♂	♈ ⊖	♍ ♀	≈ ☿	m	Day-lig. B. & E.	Sun Ri. Set.	Clock too fast.
1	10 6	23 28	20 46	11 4	27 32	28 37		4 43 8	6 34 6	12 38
7	10 17	23 56	24 20	17 4	7♓ 3	15 ♐ 8		4 30 8	6 22 6	11 16
13	10 28	24 24	27 51	23 3	16 34	1♑47		4 17 8	6 10 6	9 39
19	10 39	24 52	1♉23	29 0	26 6	19 18		4 4 8	5 58 7	7 58
25	10 51	25 20	4 51	4♎57	5♈39	8≈35		3 50 9	5 46 7	6 2

M H. Wat. Lon.B. — The Lunar Aspects. — The Mutual Aspects.

D.	Morn.	Aftern.	☉	♄	♃	♂	♀	☿	The Mutual Aspects.
☉	3 37	3 52				△14		✶ 5	□♄☿
2	4 9	4 26					✶20		
3	4 45	5 5	✶ 6	8 9	□16			□12	
4	5 28	5 51				✶22			) Perig.
5	6 20	6 49	□12		✶17		□ 4	△19	△⊙♄. 8 24 ☿
6	7 22	7 56							
7	8 35	9 14	△20	△16		□ 5	△12		
☉	9 52	10 29							
9	11 5	11 41	□22		△13				△♄♀
10		0 13			♂ 3			8 17	
11	0 44	1 10							
12	1 35	1 59	8 17	✶ 3			8 13		
13	2 23	2 42			8 11				
14	3 0	3 14		✶18					
☉	3 28	3 42							
16	3 55	4 9		♂22				△ 1	
17	4 24	4 41		□ 5			△22		
18	4 58	5 16	△ 1						△24♂.) Apog.
19	5 35	5 57	□19		△17	△19		□ 0	
20	6 19	6 45					□18		
21	7 12	7 43					✶21		
☉	8 14	8 47	✶11	✶ 0	□11		✶10		△♄☿
23	9 21	9 56							
24	10 31	11 5	□ 8	8 13	✶22				♂⊙♀
25	11 38								
26	0 9	0 39	△12						
27	1 6	1 32				♂ 3			
28	1 58	2 23	♂ 4	△18		♂ 6			
☉	2 44	3 4		♂ 8					
30	3 22	3 40	8 15	□20					
31	3 57	4 14					✶19		) Perig.

The Planets daily Motions Geocentrick.   ♌   ♋

The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.								
	1	2N 35	1N 6	0S. 11	1S. 12	1S. 54	3	5 6
	7	2 36	1 6	0 7	1 4	1 16	3	37
	13	2 36	1 5	0 3	0 53	0 21	3	18
	19	2 37	1 4	0N 1	0 42	0N 43	2	59
	25	2 37	1 3	0 5	0 29	1 43	2	39

M D	☉ ♈	☽ ♊	Lat. ☽	♄ ♏ R	♃ ♌ R	♂ ♈	♀ ♈	☿ ♈	Sun's Declin. North.
1	11 51	4 33	2S.25	14 11	17 8	27 55	13 56	1 51	4 41
2	12 50	19 0	1 14	14 7	17 6	28 39	15 10	3 45	5 4
3	13 49	3♋ 9	0N 0	14 4	17 4	29 24	16 25	5 41	5 27
4	14 48	17 2	1 13	14 0	17 3	0♉ 8	17 39	7 38	5 50
⊙5	15 47	0♌39	2 21	13 56	17 1	0 52	18 53	9 36	6 13
6	16 46	14 0	3 19	13 52	17 0	1 36	20 8	11 36	6 36
7	17 45	27 7	4 5	13 48	16 59	2 0	21 22	13 38	6 58
8	18 43	10♍ 4	4 38	13 44	16 58	3 24	22 36	15 41	7 21
9	19 42	22 49	4 57	13 40	16 57	3 48	23 50	17 45	7 43
10	20 41	5♎22	5 1	13 36	16 57	4 32	25 4	19 50	8 5
11	21 40	17 45	4 51	13 32	16 56	5 16	26 19	21 55	8 27
⊙12	22 38	29 57	4 27	13 28	16 56	6 0	27 33	24 1	8 49
13	23 37	12♏ 1	3 52	13 24	16D.56	6 44	28 47	26 7	9 11
14	24 36	23 57	3 6	13 20	16 56	7 28	0♉ 1	28 14	9 32
15	25 34	5♐47	2 13	13 16	16 57	8 11	1 15	0♉22	9 54
16	26 33	17 35	1 14	13 12	16 57	8 55	2 29	2 29	10 15
17	27 31	29 24	0 12	13 7	16 58	9 39	3 44	4 35	10 36
18	28 30	11♑18	0S.52	13 3	16 59	10 22	4 58	6 41	10 57
⊙19	29 28	23 23	1 53	12 59	17 0	11 6	6 12	8 46	11 18
20	♉ 27	5♒45	2 53	12 55	17 1	11 49	7 26	10 50	11 38
21	1 25	18 27	3 44	12 51	17 3	12 33	8 40	12 52	11 59
22	2 24	1♓34	4 26	12 46	17 5	13 16	9 54	14 52	12 19
23	3 22	15 10	4 53	12 42	17 7	14 0	11 8	16 49	12 39
24	4 20	29 16	5 5	12 38	17 9	14 43	12 22	18 44	12 59
25	5 19	13♈47	4 58	12 33	17 11	15 26	13 36	20 36	13 18
⊙26	6 17	28 39	4 31	12 29	17 14	16 10	14 50	22 25	13 38
27	7 15	13♉45	3 45	12 24	17 16	16 53	16 4	24 11	13 57
28	8 13	28 52	2 43	12 19	17 19	17 36	17 18	25 53	14 16
29	9 12	13♊53	1 29	12 15	17 22	18 19	18 32	27 32	14 35
30	10 10	28 37	0 11	12 10	17 25	19 2	19 46	29 7	14 53

The Heliocentrick Motions.   April, 1778.

Days	♄ (m)	24 (♌)	♂ (♉)	⊖ (♎)	♀ (♈)	☿ (✗)	Day-lig. s. ꝶ.	Sun R: Set.	Clock too fast
1	11 4	25 53	8 51	11 51	16 49	4 44		5 55 · 7	3 52
7	11 15	26 22	12 17	17 45	26 23	1♈43	3 17 · 9	5 21 · 7	2 5
13	11 26	26 49	15 39	23 37	5♉59	8♉1	3 2 · 9	5 10 · 7	0 25
19	11 37	27 17	18 59	29 28	15 36	10♊44	2 47 · 10	4 58 · 8	1 flo. 2
25	11 49	27 45	22 17	5♏19	25 13	18♋6	2 26 · 10	4 47 · 8	2 15

H. Wat. Lon. B. — The Lunar Aspects — The Mutual Aspects.

☽	Morn.	Aftern.	☉	♄	24	♂	♀	☿	The Mutual Aspects.
1	4 36	4 59	✶13		✶21		✶17		
2	5 23	5 47				✶17			
3	6 18	6 49	□20		△19			□ 5	△24♀
4	7 22	7 56				□ 0	□ 1		
☉ 5	8 32	9 9		□ 0			△19		
6	9 45	10 21	△ 6		δ 6	△12			△☉24
7	10 54	11 27				△11			△24☿
8	11 55		✶ 7						
9	0 23	0 47							
10	1 11	1 33		✶22					
11	1 55	2 15	8 8			8 13	8 18	8 10	δ☉☿
☉ 12	2 34	2 51							
13	3 7	3 2		δ 3	□10				⮂ Apog.
14	3 35	3 49			·				
15	4 4	4 21			△23				
16	4 38	4 56	△20						δ♀☿
17	5 15	5 37				△22	△10	△13	
18	6 0	6 26	✶ 4						
☉ 19	6 52	7 21	□13						
20	7 50	8 23		□13	8 22	□12	□ 3	□11	
21	8 57	9 31							δ♂☿ . 8♄☿ . 8♄♂
22	10 5	10 37	✶ 2	△20		✶22	✶16		
23	11 9	11 43						✶ 2	□24☿
24		0 17							
25	0 42	1 7		△ 6					
☉ 26	1 34	2 1	δ13	8 22					
27	2 26	2 50		□ 6	δ 5	δ 4	δ19		□24♂
28	3 12	3 30							δ♂☿ . ☽ Perig.
29	3 49	4 7		✶ 6					
30	4 31	4 55	✶21	△22					

The Planets daily Motions Geocentrick.

		☿	♀	♂	♃	♄
The Planets Latitudes	1	2N 37	1N 3	0N 8	0S. 15	2N 22	2 20
and Place of ☽'s ☊	7	2 36	1 2	0 12	0 0	2 32	2 1
to every 6th Day.	13	2 36	1 2	0 16	0N 15	2 7	1 42
	19	2 35	1 1	0 19	0 30	1 6	1 23
	25	2 35	1 0	0 23	0 44	0S. 25	1 4

M D.	☉	☽ ♋ Lat. ☽	♄ ♏ ℞	♃ ♌	♂ ♉	♀ ☉ ☿	♊	Sun's Declin. North.
1	11 8	13 2 1N 6	12 6	17 28	19 45	21 0	0 39	15 11
2	12 6	27 5 2 18	12 1	17 32	20 28	22 14	2 7	15 29
☉	13 4	10 ♌ 45 3 19	11 57	17 35	21 11	23 27	3 31	15 47
4	14 2	24 5 4 8	11 52	17 39	21 54	24 41	4 51	16 4
5	15 0	7 ♍ 6 4 43	11 48	17 43	22 36	25 55	6 6	16 21
6	15 58	19 50 5 4	11 43	17 47	23 19	27 9	7 17	16 38
7	16 56	2 ♎ 20 5 9	11 39	17 52	24 2	28 23	8 22	16 55
8	17 54	14 38 4 59	11 34	17 56	24 44	29 37	9 24	17 11
9	18 52	26 48 4 37	11 30	18 1	25 27	0 ♊ 50	10 22	17 27
☉	19 50	8 ♏ 48 4 2	11 25	18 6	26 9	2 4	11 16	17 43
11	20 48	20 45 3 18	11 21	18 11	26 52	3 18	12 5	17 58
12	21 45	2 ♐ 36 2 22	11 16	18 16	27 34	4 31	12 49	18 14
13	22 43	14 24 1 24	11 12	18 21	28 16	5 45	13 28	18 28
14	23 41	26 12 0 21	11 7	18 27	28 59	6 59	14 3	18 43
15	24 39	8 ♑ 3 0S. 44	11 3	18 34	29 41	8 12	14 33	18 57
16	25 36	20 0 1 47	10 58	18 37	0 ♊ 23	9 26	14 59	19 11
☉	26 34	2 ♒ 8 2 47	10 54	18 43	1 5	10 40	15 20	19 25
18	27 32	14 3c 3 40	10 50	18 49	1 47	11 53	15 36	19 38
19	28 29	27 11 4 24	10 46	18 55	2 29	13 7	15 46	19 51
20	29 27	10 ♓ 15 4 55	10 42	19 2	3 11	14 21	15 52	20 3
21	♊ 25	23 44 5 11	10 38	19 8	3 53	15 34	15 ℞ 51	20 16
22	1 22	7 ♈ 43 5 11	10 34	19 15	4 35	16 48	15 48	20 28
23	2 20	22 8 4 50	10 30	19 21	5 17	18 1	15 42	20 39
☉	3 18	6 ♉ 57 4 10	10 26	19 28	5 59	19 15	15 31	20 50
25	4 15	22 3 3 12	10 22	19 35	6 41	20 28	15 15	21 1
26	5 13	7 ♊ 16 2 0	10 18	19 42	7 23	21 41	14 56	21 12
27	6 10	22 26 0 40	10 15	19 50	8 5	22 55	14 33	21 .22
28	7 8	7 ♋ 26 0N 43	10 11	19 57	8 46	24 8	14 7	21 32
29	8 5	22 6 2 1	10 7	20 5	9 28	25 21	13 38	21 41
30	9 3	6 ♌ 22 3 9	10 3	20 12	10 9	26 35	13 7	21 50
☉	10 0	20 11 4 4	10 0	20 20	10 51	27 48	12 35	21 59

The Heliocentrick Motions. May, 1778.

Day	♄	♏	♃	♌	♂	♉	☉	♏	♀	♊	☿	♌	Day-lig. B. & E.	Sun Ri. Set.	Clock too slow
1	12	0	28	13	25	33	11	8	4	52	21	36	2 6 10	4 32 8	3 10
7	12	11	28	41	28	47	16	56	14	32	19♍28	1 44 11	4 26 8	3 45
13	12	22	29	9	1♊59	22	43	24	15	12♎37	1 19 11	4 17 8	4 1
19	12	33	29	37	5 10	28	29	3♋56	2♍28	0 48 12	4 8 8	3 56
25	12	44	0♍ 5	8	17	4♐15	13	40	20	13	No Nig.	4 0 8	3 31

D.	H. Wat. Morn.	Lon. B. Aftern.	☉	♄	♃	♂	♀	☿	The Mutual Aspects.
1	5 19	5 44				⚹12	⚹15		
2	6 14	6 45						⚹10	☍☉♄
☉	7 17	7 46	□ 4	□ 2	☌12	□20			
4	8 22	8 55					□ 1	□22	
5	9 28	10 0	△16	⚹ 9					
6	10 29	10 57				△ 7	△15		
7	11 24	11 51						△13	
8		0 15		⚹ 6					□☉♃
9	0 30	1 2							
☉	1 24	1 46	☌ 5	□19					
11	2 7	2 27	☍ c		☍13				
12	2 47	3 3				☍ 4	☍22		☽ Apog.
13	3 18	3 34		△ 8					
14	3 49	4 4							
15	4 20	4 39	⚹ 6						
16	4 59	5 19	△12		△22				
☉	5 40	6 5	□17	☍ 8	△18				
18	6 20	6 56				△ 2			
19	7 23	7 52	□ 3		□10				
20	8 22	8 54	△ 1		□ 8	□10			
21	9 27	9 59	⚹13		⚹18				
22	10 32	11 4		△19		⚹16	⚹13		
23	11 36								
☉	0 6	0 36	☍ 6	□20				⚹♃♀	
25	1 6	1 35	☌21					☽ Perig.	
26	2 5	2 34		⚹20	☌ c	☌12			
27	2 57	3 19			☌ 1				
28	3 39	3 58	△ 5						
29	4 21	4 44				⚹ 7			
30	5 7	5 31	⚹ 5	□ 6		⚹12			
☉	5 58	6 25		☌ c	⚹15				

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The Planets daily Motions Geocentrick.　　　☋　♑

The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.						
1	2N 33	oN 59	oN 27	oN 59	2N 23	o 42
7	2 32	o 59	o 30	1 11	2 43	o 23
13	2 '31	o 58	o 33	1 21	4 18	o 3
19	2 30	o 58	o 36	1 29	4 8	29♊45
25	2 28	o 58	o 58	o 40	1 35	3 24	29 26

M.D.	☉ ♊	☽ ♍	Lat. ☽	♄ ♏ ℞	♃	♌ ♂ ♊	♀ ♊	☿ ♊ ℞	Sun's Declin. North.
1	10 58	3 36	4N 44	9 56	20 28	11 32	29 1	12 2	22 7
2	11 55	16 37	5 8	9 52	20 36	12 13	o♋15	11 29	22 15
3	12 53	29 18	5 16	9 49	20 44	12 55	1 28	10 55	22 22
4	13 50	11♎43	5 9	9 45	20 52	13 36	2 41	10 23	22 29
5	14 47	23 53	4 48	9 42	21 o	14 18	3 54	9 52	22 36
6	15 45	5♏54	4 16	9 39	21 9	14 59	5 8	9 22	22 42
☉ 16	16 42	17 48	3 31	9 36	21 17	15 40	6 21	8 54	22 48
8	17 39	29 37	2 38	9 33	21 26	16 21	7 34	8 29	22 54
9	18 37	11♐25	1 39	9 30	21 35	17 2	8 47	8 8	22 59
10	19 34	23. 15	o. 35	9 27	21 44	17 43	10 1	7 51	23 3
11	20 31	5♑ 7	oS. 31	9 24	21 53	18 24	11 14	7 37	23 8
12	21 28	17 6	1 36	9 21	22 2	19 5	12 27	7 27	23 12
13	22 26	29 10	2 37	9 19	22 11	19 46	13 40	7 22	23 15
☉ 23	23 23	11♒26	3 32	9 16	22 20	20 27	14 53	7 21	23 18
15	24 20	23 55	4 18	9 14	22 30	21 8	16 6	7D.25	23 21
16	25 17	6♓41	4 53	9 11	22 39	21 48	17 19	7 33	23 23
17	26 15	19 45	5 13	9 9	22 49	22 29	18 32	7 46	23 25
18	27 12	3♈ 9	5 17	9. 7	22 58	23 10	19 45	8 3	23 26
19	28 9	17 o	5 3	9 5	23 8	23 51	20 58	8 25	23 27
20	29 6	1♉13	4 31	9 3	23 18	24 32	22 11	8 52	23 28
☉ ♋	♋ 4	15 47	3 41	9 1	23 28	25 12	23 24	9 23	23 28
22	1 1	0♊39	2 34	8 59	23 38	25 51	24 36	9 59	23 28
23	1 58	15 42	1 17	8 57	23 48	26 32	25 49	10 39	23 27
24	2 55	0♋48	oN 7	8 55	23 59	27 12	27 2	11 24	23 26
25	3 53	15 47	1 29	8 53	24 9	27 54	28 15	12 4	23 25
26	4 50	0♌32	2 43	8 52	24 19	28 35	29 28	13 8	23 23
27	5 47	14 56	3 46	8 50	24 30	29 15	o♌41	14 6	23 20
☉ 6	6 44	28 55	4 33	8 48	24 40	29 55	1 53	15 8	23 18
29	7 42	12♍26	5 4	8 47	24 51	o♋36	3 6	16 14	23 15
30	8 39	25 32	5 18	8 46	25 1	1 16	4 19	17 24	23 11

	The Heliocentrick Motions.										June, 1778.		
Days	♄	♏ 24	♍	♂	�Ⅱ ⊖	♐ ♀	♋ ☿	♐	Day-lig. B. & E.	Sun Ri.Set.	Clock too flo
1	12 57	0 37	11 55	10 58	25 1	9 42			No	3 53 9	2 38
7	13 9	1 5	14 59	16 42	4♌46	26 14			Dark-	3 48 9	1 38
13	13 20	1 33	18 1	22 26	14 31	13♈23			nefs, but	3 46 9	0 29
19	13 31	2 1	21 2	28 9	24 16	1♒58			Twi-	3 43 9	ofaft 48
25	13 43	2 20	24 1	3♈53	4♍ 2	23 3			light.	3 44 9	2 6

M. H. Wat. Lon. B			The Lunar Afpects.						The Mutual Afpects.
D.	Morn.	Aftern.	⊙	♄	24	♂	♀	☿	
1	6 52	7 18	□ 15	✳ 12		□ 16		□ 15	☌ ♂ ☿. ☌ ⊙ ☿
2	7 46	8 15							
3	8 44	9 12					□ 5	△ 22	☌ ⊙ ♂.
4	9 40	10 8	△ 4		✳ 18	△ 4			
5	10 35	11 1					△ 23		
6	11 29	11 56		☌ 8					
⊙ 8	0 45	0 21 1 8	8 16		□ 7			8 14	☽ Apog.
9	1 31	1 54			△ 21	8 12			△ ♄ ♀
10	2 18	2 38							
11	2 57	3 14	✳ 9				8 14		
12	3 30	3 46							
13	4 1	4 20		□ 20				△ 16	
⊙ 14	4 40	4 59			8 20	△ 19			
15	5 17	5 38	△ 1						
16	5 59	6 23		△ 5			△ 21	□ 2	
17	6 47	7 13	□ 12			□ 5			✳ 24 ♂
18	7 39	8 9						✳ 9	
19	8 40	9 13	✳ 20		△ 10	✳ 12	□ 7		
20	9 46	10 19		8 13				✳ 13	
⊙ 21	10 53	11 29			□ 13				
22		0 6						☌ 16	☽ Perig.
23	0 37	1 8			✳ 13	☌ 18			
24	1 41	2 15	☌ 4	△ 12					
25	2 41	3 7					☌ 28		
26	3 27	3 47		□ 14				✳ 22	
27	4 7	4 27			☌ 17				
⊙ 28	4 47	5 8	✳ 15	✳ 18		✳ 2			
29	5 29	5 49						□ 8	
30	6 11	6 34				□ 12	✳ 18		△ ⊙ ♄

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The Planets daily Motions Geocentrick. | ☊ | ♊

The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.	♄	♃	♂	♀	☿	☊
1	2N27	oN57	oN43	1N39	2S.18	29 7
7	2 26	o 57	o 45	1 40	1 2	28 47
13	2 24	o 57	o 48	1 38	oN12	28 28
19	2 22	o 57	o 51	1 33	1 10	28 09
25	2 20	o 57	o 53	1 26	1 41	27 59

M.D.	☉ ♋	☽	Lat. ☽	♄ ℞ ♏	♃	♂ ♌	♀ ♋	☿ ♌	Sun's Declin. North
1	9 36	8 ♎14	5N 14	8 45	25 12	1 56	5 31	18 38	23 7
2	10 33	20 39	4 56	8 44	25 23	2 36	6 43	19 56	23 3
3	11 30	2 ♏47	4 26	8 43	25 34	3 16	7 56	21 18	22 58
4	12 28	14 44	3 44	8 42	25 45	3 56	9 9	22 45	22 53
☉ 5	13 25	26 35	2 54	8 42	25 56	4 36	10 21	24 15	22 47
6	14 22	8 ♐23	1 55	8 41	26 7	5 16	11 34	25 48	22 42
7	15 19	20 12	0 52	8 40	26 18	5 56	12 47	27 25	22 35
8	16 16	2 ♑5	oS.13	8 40	26 30	6 36	13 59	29 6	22 28
9	17 14	14 5	1 19	8 39	26 41	7 16	15 12	0 ♍50	22 21
10	18 11	26 13	2 21	8 39	26 52	7 55	16 24	2 37	22 14
11	19 8	8 ♒31	3 18	8 39	27 4	8 35	17 36	4 28	22 6
☉ 12	20 5	21 1	4 7	8D.39	27 15	9 15	18 49	6 22	21 58
13	21 2	3 ✕44	4 44	8 39	27 27	9 55	20 1	8 18	21 49
14	22 0	16 42	5 7	8 39	27 38	10 35	21 13	10 16	21 40
15	22 57	29 54	5 15	8 40	27 50	11 14	22 25	12 17	21 31
16	23 54	13 ♈23	5 5	8 40	28 2	11 54	23 38	14 20	21 21
17	24 51	27 8	4 39	8 40	28 14	12 33	24 50	16 24	21 11
18	25 49	11 ♉11	3 55	8 41	28 26	13 13	26 2	18 29	21 0
☉ 19	26 46	25 28	2 56	8 41	28 38	13 52	27 14	20 36	20 50
20	27 43	10 ♊0	1 45	8 42	28 50	14 32	28 26	22 44	20 39
21	28 41	24 42	0 26	8 43	29 2	15 11	29 38	24 52	20 27
22	29 38	9 ♋29	oN 55	8 44	29 14	15 50	0 ♌50	26 59	20 15
23	♌ 35	24 14	2 12	8 45	29 26	16 30	2 2	29 5	20 3
24	1 33	8 ♌50	3 19	8 46	29 38	17 9	3 14	1 ♎11	19 50
25	2 30	23 10	4 12	8 47	29 50	17 48	4 26	3 17	19 38
☉ 26	3 27	7 ♍9	4 49	8 49	o ♍3	18 27	5 38	5 22	19 24
27	4 25	20 42	5 9	8 50	0 15	19 7	6 49	7 26	19 11
28	5 22	3 ♎52	5 11	8 51	0 27	19 46	8 1	9 29	18 57
29	6 20	16 37	4 58	8 53	0 40	20 25	9 13	11 31	18 43
30	7 17	29 2	4 30	8 55	0 52	21 4	10 25	13 31	18 28
31	8 15	11 ♏10	3 51	8 57	1 4	21 43	11 36	15 29	18 14

The Heliocentrick Motions. | July, 1778.

Days	♄	♏	24	♍	♂	Ⅱ	⊖	♑	♀	♍	☿	✶	Day-lng. B. & E.	Sun Ri.Sét.	Clock too faſt
1	13 54	2	56	26	58	9	36	13	47	17	45		No	3 46 9	3 19
7	14 5	3	24	29	54	15	19	23	31	17♈23		Darkn.	3 50 9	4 23
13	14 16	3	51	2♋48	21	2	3♎13	22♉12		butTwi-	3 55 9	5 13
19	14 27	4	19	5	41	26	46	12	54	29Ⅱ53	light.	4 1 8	5 46
25	14 38	4	47	8	33	2≈30	22	34	5♌43	10 45 12	4 10 8	6 1

M	H.Wat. Lon. B.		The Lunar Aſpects						The Mutual Aſpects
D.	Mo·n.	Aftern.	⊙	♄	24	♂	♀	☿	
1	6 58	7 23	□ 3					△23	
2	7 48	8 14			✶ 9				
3	8 41	9 9	△19	♂12		△ 1	□11	•	□♄♀
4	9 38	10 7			□23				
⊙ 5	10 36	11 5							
6	11 33						△ 7		✶24☿. ☽Apog.
7	0 1	0 28			△13			♑16	
8	0 55	1 21	✶13			♑10			
9	1 46	2 11	8 7						
10	2 36	2 54							
11	3 11	3 28	□ 0				♑19		△♄♂
⊙ 12	3 44	3 59			♑12				
13	4 14	4 32	△10			△12		△10	△♄☿
14	4 51	5 10	△10						♂♂☿
15	5 28	5 49				□21			
16	6 11	6 36	□20				△20	□ 2	
17	7 1	7 30		♑20	△ 2				
18	8 0	8 34				✶ 4		✶14	• ☽ ♑ ℞ ℥
⊙ 19	9 8	9 46	✶ 2		□ 5		□ 3		
20	10 24	11 3							♂24♀. ☽Perig.
21	11 42		△23	✶ 7		✶ 8			
22	0 18	0 53				♂11			
23	1 26	1 59	♂11					♂ 9	
24	2 26	2 53	□ 0						♂⊙☿
25	3 12	3 31		♂12		♂21			
⊙ 26	3 48	4 4	✶ 4			✶21			
27	4 23	4 42							
28	4 59	5 15	✶ 3					✶13	✶24♀ ♄♀
29	5 34	5 53				□ 8			
30	6 15	6 37	□18	♂20	✶ 4				
31	7 0	7 23				△22	✶ 1	□10	

C 3

The Planets daily Motions Geocentrick.　　♌　Ⅱ

The Planets Latitudes and Place of ☽ 's ♌ to every 6th Day.		1	2N 19	0N 57	0N 56	1N 14	1N 45	27	28
		7	2 17	0 57	0 58	1 0	1 24	27	9
		13	2 15	0 57	1 1	0 44	0 49	26	50
		19	2 13	0 57	1 3	0 26	0 4	26	31
		25	2 12	0 57	1 5	0 6	0S.47	26	12

M.D.	☉ ♌	☽ ♍	Lat. ☽	♄ ♍	♃ ♍	♂ ♋	♀ ♍	☿ ♌	Sun's Declin. North.
1	9 12	23 6	3N 3	8 59	1 17	22 22	12 48	17 26	17 59
☉2	10 9	4♐56	2 7	9 1	1 29	23 1	14 0	19 22	17 43
3	11 7	16 45	1 7	9 3	1 42	23 40	15 11	21 9	17 28
4	12 4	28 ♐36	0 2	9 6	1 54	24 19	16 23	23 9	17 12
5	13 2	10♑34	1S. 2	9 8	2 7	24 58	17 35	25 0	16 55
6	13 59	22 43	2 5	9 10	2 20	25 37	18 46	26 49	16 39
7	14 57	5♒ 3	3 2	9 12	2 33	26 16	19 57	28 37	16 22
8	15 54	17 37	3 52	9 14	2 45	26 55	21 8	0♍24	16 5
☉9	16 52	0✕27	4 31	9 17	2 58	27 33	22 19	2 9	15 48
10	17 50	13 32	4 57	9 19	3 10	28 12	23 30	3 53	15 30
11	18 47	26 49	5 7	9 22	3 23	28 51	24 41	5 35	15 13
12	19 45	10♈18	5 0	9 25	3 36	29 29	25 52	7 15	14 55
13	20 43	24 0	4 37	9 28	3 49	0♌ 8	27 3	8 54	14 36
14	21 40	7♉48	3 57	9 32	4 1	0 47	28 14	10 32	14 18
15	22 38	21 48	3 3	9 35	4 14	1 25	29 25	12 8	13 59
☉16	23 36	5Ⅱ56	1 56	9 38	4 27	2 4	0♎36	13 43	13 40
17	24 33	20 10	0 44	9 41	4 40	2 43	1 47	15 16	13 21
18	25 31	4♋29	0N 34	9 45	4 53	3 21	2 58	16 47	13 1
19	26 29	18 51	1 48	9 48	5 6	4 0	4 8	18 17	12 42
20	27 27	3♌13	2 56	9 52	5 19	4 39	5 19	19 46	12 22
21	28 25	17 27	3 52	9 55	5 32	5 •17	6 30	21 14	12 2
22	29 23	1♍31	4 32	9 59	5 45	5 56	7 41	22 40	11 42
☉23	♍21	15 18	4 56	10 2	5 58	6 34	8 51	24 5	11 22
24	1 19	28 45	5 4	10 6	6 11	7 13	10 1	25 28	11 1
25	2 17	11♎51	4 54	10 10	6 24	7 51	11 12	26 50	10 41
26	3 15	24 35	4 30	10 14	6 37	8 29	12 22	28 10	10 20
27	4 13	7♏ 0	3 54	10 18	6 50	9 7	13 32	29 28	9 59
28	5 11	19 8	3 7	10 23	7 3	9 45	14 42	0♎44	9 37
29	6 9	1♐ 3	2 13	10 27	7 16	10 23	15 52	1 58	9 16
☉30	7 7	12 53	1 14	10 32	7 29	11 1	17 2	3 11	8 55
31	8 5	24 41	0 12	10 36	7 43	11 39	18 12	4 22	8 33

Days	♄	♏	♃	♍	♂	♋	☉	♒	♀	♏	☿	♍	Day-lig. B. & E.	Sun Ri.Set.	Clock too fast.
1	14	52	5	20	11	50	9	12	3	49	10 · 57	1 23 11	4 20 8	5 52
7	15	3	5	48	14	38	14	57	13	25	5≏27	1 47 11	4 28 8	5 19
13	15	14	6	16	17	26	20	43	23	0	26 13	2 · 9 10	4 38 8	4 26
19	15	25	6	44	20	12	26	29	2 ♐ 33	14♏34	2 29 10	4 49 8	3 00
25	15	36	7	11	22	57	2 ✶17	12	5	1 ♐ 32	2 47 10	5 0 7	1 · 44

M D.	H. Wat. Lon. B.		The Lunar Aspects.					The Mutual Aspects.
	Morn.	Aftern.	☉	♄	24	♂	♀	☿	
1	7 49	8 16			□17				□☉♄
☉ 2	8 46	9 17	△12				□21		☽ Apog.
3	9 49	10 21						△11	
4	10 53	11 25		✶21	△ 7				
5	11 55						△15		
6	0 24	0 52				☍ 6			
7	1 20	1 46	☍20	□ 8					
8	2 12	2 33							
☉ 9	2 54	3 11		△17	☍ 5			☍ 3	
10	3 27	3 42					☍29		☌ 4 ☿
11	3 57	4 13				△ 4			
12	4 30	4 48	△18						
13	5 6	5 26			△17	□11			✶♄ ☿
14	5 46	6 12		☍ 3				△ 4	
15	6 38	7 8	□ 2		□22	✶17	△14		
☉ 16	7 38	8 15						□15	☽ Perig.
17	8 52	9 33	✶ 8				□21		
18	10 14	10 54		△ 9	✶ 1			✶23	✶♂ ♀
19	11 33								
20	0 9	0 44		□11		☌ 3	✶ 4		
21	1 15	1 45	☌20						
22	2 12	2 39		✶15	☌ 7				
☉ 23	2 57	3 15						☌18	
24	3 30	3 45				✶16	☌23		
25	3 59	4 12							
26	4 29	4 46	✶18						
27	5 3	5 20		☌ 7	✶ 0	□ 4			
28	5 41	6 2						✶ 2	□♄ ♂
29	6 25	6 49	□11		□13	△20			☌☉24. ☽ Apog.
☉ 30	7 15	7 41					✶ 9		
31	8 12	8 44						□22	

The Planets daily Motions Geocentrick.

The Planets Latitudes and Place of ☽'s ☊ ☋ to every 6th Day.	1	2N 11	0N 57	1N 8	1S 20	1S 50	25 50
	7	2 10	0 57	1 10	1 44	2 42	25 30
	13	2 9	0 58	1 12	1 8	3 26	25 11
	19	2 8	0 58	1 14	1 38	3 50	24 52
	25	2 7	0 59	1 16	1 58	3 35	24 33

M.D.	☉ ♍	☽	Lat. ☽	♄ ♏	♃ ♏	♂ ♌	♀ ♎	☿ ♎	Sun's Declin. North
1	9 3	6 ♑ 34	0S.51	10 41	7 56	12 17	19 22	5 31	8 11
2	10 1	18 36	1 51	10 45	8 9	12 55	20 32	6 38	7 49
3	10 59	0 ♒ 51	2 50	10 5c	8 22	13 33	21 42	7 43	7 27
4	11 58	13 24	3 40	10 55	8 35	14 11	22 51	8 46	7 5
5	12 56	26 14	4 20	11 0	8 48	14 49	24 1	9 47	6 43
⊙	13 54	9 ✻ 23	4 48	11 5	9 1	15 27	25 10	10 44	6 20
7	14 52	22 51	5 1	11 10	9 14	16 5	26 19	11 38	5 58
8	15 51	6 ♈ 33	4 56	11 15	9 27	16 43	27 28	11 30	5 35
9	16 49	20 27	4 34	11 20	9 40	17 21	28 37	13 19	5 13
10	17 47	4 ♉ 28	3 55	11 25	9 53	17 59	29 46	14 5	4 50
11	18 46	18 34	3 2	11 30	10 6	18 36	0 ♍ 55	14 47	4 27
12	19 44	2 ♊ 41	1 58	11 36	10 19	19 14	2 4	15 25	4 4
⊙	20 43	16 48	0 46	11 41	10 31	19 52	3 13	15 58	3 41
14	21 41	0 ♋ 54	0N 28	11 46	10 44	20 30	4 21	16 27	3 18
15	22 40	14 58	1 40	11 52	10 57	21 8	5 30	16 51	2 55
16	23 39	28 59	2 47	11 57	11 9	21 45	6 39	17 11	2 32
17	24 37	12 ♌ 54	3 43	12 3	11 22	22 23	7 47	17 25	2 8
18	25 36	26 44	4 25	12 9	11 35	23 0	8 55	17 32	1 45
19	26 35	10 ♍ 23	4 51	12 14	11 48	23 38	10 3	17 33	1 22
⊙	27 33	23 49	5 0	12 20	12 0	24 15	11 11	17 R 27	0 58
21	28 32	7 ♎ 0	4 53	12 25	12 13	24 52	12 19	17 15	0 35
22	29 31	19 54	4 31	12 31	12 26	25 30	13 27	16 55	0 12
23	♎ 0	2 ♏ 31	3 57	12 57	12 38	26 8	14 35	16 28	0S. 12
24	1 29	14 51	3 12	12 43	12 51	26 45	15 43	15 54	0 35
25	2 28	26 56	2 19	12 49	13 4	27 22	16 50	15 12	0 59
26	3 27	8 ♐ 51	1 20	12 55	13 17	28 0	17 58	14 23	1 22
⊙	4 26	20 40	0 18	13 1	13 29	28 37	19 5	13 28	1 46
28	5 25	2 ♑ 27	0S.45	13 7	13 42	29 14	20 12	12 27	2 9
29	6 24	14 19	1 46	13 13	13 55	29 52	21 19	11 21	2 33
30	7 23	26 21	2 43	13 20	14 8	0 ♍ 29	22 26	10 13	2 56

Days	♄	♏	♃	♍	♂	♋	⊖	✶	♀	♃	☿	♃	Day-lig. B. & E.	Sun Ri Set.	Clock too flo.
1	15 49	7 43	20	8	9	3	23	11	20	46			3 7	9 5 14 7	0 18
7	16 0	8 10	28	52	14	52	2♑41	7♑36	5 4				3 24	9 5 25 7	2 15
13	16 12	8 37	1♌35	20	43	12	10	25	4				3 37	9 5 37 7	4 19
19	16 23	9 5	4	16	26	35	21	40	15♒46				3 52	9 5 49 7	6 24
25	16 24	9 32	6	56	2♈28	1♒8	9✶						4 5	8 6 1 6	8 28

M.D.	H. Wat. Lon. B. Morn.	Aftern.	☉	♄	♃	♂	♀	☿	The Mutual Aspects
1	9 18	9 52	△ 5	✶ 8	△ 3				
2	10 25	10 58						□ 4	
3	11 31			□ 19				△ 14	✶⊙♄
4	0 3	0 31				☍ 2	△ 19		
5	0 59	1 24							
☉	1 49	2 13	8 9	△ 4	8 0				
7	2 37	2 55				△ 18		8 11	
8	3 12	3 28					8 15		
9	3 44	3 59							
10	4 14	4 34	8 12	△ 9					
11	4 54	5 15	△ 0			□ 0		△ 23	
12	5 37	6 5		□ 13					
☉	6 34	7 6	□ 7		✶ 6				☽ Périg.
14	7 38	8 16		△ 19	✶ 17	△ 6			
15	8 55	9 26	✶ 14			□ 4			
16	10 18	10 55	□ 22			□ 15	✶ 8		
17	11 32				☌ 17				
18	0 3	0 34				✶ 23			
19	1 2	1 29	✶ 4	☌ 3					
☉	1 54	2 19	☌ 7						
21	2 38	2 57				☌ 19			☌♄♀
22	3 12	3 27			✶ 11				
23	3 41	3 54	☌ 20	✶ 20					
24	4 9	4 24			☌ 2				✶♄♃
25	4 41	4 59	✶ 12		□ 1		✶ 11		
26	5 18	5 37		□ 9	△ 17				☽ Apog.
☉	6 1	6 25							
28	6 51	7 18	□ 7	✶ 22	△ 23		□ 19		
29	7 48	8 19				✶ 15			
30	8 53	9 27							

The Planets daily Motions Geocentrick.

											8δ	Ⅱ
		1	2N 6	1N 0	1N 18	2S.21	2S.18	24	14
The Planets Latitudes		7	2 5	1 0	1 19	2 44	0 18	23	55
and Place of ☽'s ☊		13	2 4	1 1	1 21	3 4	1N 18	23	36
to every 6th Day.		19	2 4	1 2	1 23	3 20	2 1	23	17
		25	2 3	1 2	1 24	3 35	2 1	22	58

M D.	☉ ♎	☽ ♒	Lat. ☽	♄ ♏	♃ ♍	♂ ♍	♀ ♏	☿ ♎ ℞	Sun's Declin. South.
1	8 22	8 38	3S.34	13 26	14 20	1 6	23 32	9 4	3 19
2	9 21	21 15	4 15	13 32	14 33	1 43	24 38	7 56	3 43
3	10 20	4♓15	4 46	13 38	14 45	2 21	25 44	6 50	4 6
☉ 4	11 19	17 38	5 1	13 45	14 57	2 58	26 51	5 46	4 29
5	12 19	1♈24	4 59	13 51	15 10	3 35	27 57	4 49	4 52
6	13 18	15 30	4 40	13 57	15 22	4 12	29 3	4 0	5 15
7	14 17	29 50	4 3	14 4	15 34	4 49	0♏ 8	3 19	5 38
8	15 16	14♉17	3 9	14 0	15 46	5 26	1 13	2 46	6 1
9	16 16	28 47	2 5	14 17	15 58	6 3	2 17	2 29	6 24
10	17 15	13Ⅱ15	0 50	14 24	16 10	6 40	3 22	2 23	6 47
☉ 11	18 15	27 35	0N 25	14 30	16 22	7 17	4 27	2 22	7 10
12	19 14	11♋45	1 40	14 37	16 34	7 54	5 32	2D.35	7 32
13	20 14	25 45	2 46	14 44	16 46	8 31	6 36	2 5	7 55
14	21 13	9♌34	3 43	14 51	16 58	9 8	7 40	3 3	8 17
15	22 13	23 11	4 26	14 57	17 10	9 45	8 44	4 1	8 40
16	23 12	6♍38	4 54	15 4	17 22	10 21	9 47	5 4	9 2
17	24 12	19 53	5 5	15 11	17 33	10 58	10 50	6 2	9 24
☉ 18	25 12	2♎56	5 0	15 8	17 45	11 35	11 53	7 6	9 46
19	26 12	15 47	4 40	15 25	17 56	12 11	12 56	8 16	10 7
20	27 11	28 23	4 6	15 32	18 7	12 48	13 59	9 31	10 29
21	28 11	10♏47	3 22	15 39	18 19	13 24	15 1	10 51	10 50
22	29 11	22 58	2 27	15 46	18 30	14 1	16 4	12 14	11 12
23	♏ 11	4♐59	1 28	15 53	18 42	14 37	17 6	13 41	11 33
24	1 11	16 50	0 26	16 0	18 53	15 14	18 7	15 10	11 54
☉ 25	2 11	28 37	0S.38	16 7	19 4	15 50	19 8	16 42	12 15
26	3 11	10♑24	1 40	16 14	19 15	16 26	20 8	18 16	12 35
27	4 11	22 15	2 38	16 21	19 26	17 3	21 9	19 51	12 56
28	5 11	4♒15	3 30	16 28	19 37	17 39	22 9	21 27	13 16
29	6 11	16 30	4 14	16 35	19 47	18 15	23 9	23 3	13 36
30	7 11	29 5	4 47	16 42	19 58	18 51	24 8	24 39	13 56
31	8 11	12♓4	5 6	16 49	20 9	19 27	25 7	26 16	14 15

Days	♄	♏	♃	♍	♂	♌	☉	♈	♀	♒	☿	♈	Day-lng. B. & E.	Sun Ri. Set.	Clock too flo.
1	16	45	10	1	9	36	8	22	10	36	7	1	4 18 8	6 12 6	10 25
7	16	56	10	29	12	15	14	17	20	6	10 ♉ 14		4 31 8	6 24 6	12 13
13	17	7	10	56	14	54	20	14	29	35	17 ♊ 25		4 43 8	6 36 6	13 45
19	17	18	11	24	17	33	26	12	9 ♓	6	24 ♋ 22		4 55 8	6 47 6	14 58
25	17	29	11	51	20	11	2 ♉	11	18	27	26 ♌ 52		5 6 7	6 59 6	15 47

M D.	H. Wat. Lon. B. Morn. Aftern.		☉	The Lunar Aspects. ♄	♃	♂	♀	☿	The Mutual Aspects.
1	10 1	10 34	△ c	□ 9				△ 1	♂ ☉ ☿
2	11 6	11 38				♂ 20	□ 7		
3		0 7		△ 17	♂ 19				
☉	0 35	1 1					△ 18		
5	1 26	1 51	♂ 20					♂ 6	
6	2 16	2 37							
7	2 57	3 15				△ 9			
8	3 32	3 49	♂ 0	△ 3			♂ 6		
9	4 5	4 26				□ 12	♂ 6	△ 6	⚹ ♀ ☿
☽	4 47	5 11	△ 7		□ 5			□ 8	☽ Perig.
☉	5 36	6 6			⚹ 17				
12	6 36	7 10	□ 14	△ 5	⚹ 8				
13	7 44	8 21	⚹ 22	□ 10			△ 20	⚹ 13	
14	8 58	9 35							
15	10 11	10 44							
16	11 16	11 47		⚹ 16	♂ 20	♂ 7	□ 6		
17		0 18							□ ♂ ♀
☉	0 42	1 6					⚹ 18	♂ 9	
19	1 29	1 51	♂ 22						
20	2 13	2 34							
21	2 51	3 7		♂ 10	⚹ 15	⚹ 5			⚹ ♄ ♂. □ ♃ ♀
22	3 22	3 36							
23	3 50	4 4						⚹ 20	
24	4 22	4 40			□ 4	□ 21	♂ 3		☽ Apog.
☉	4 59	5 18	⚹ 8					□ 18	⚹ ♄ ♀
26	5 40	6 3		⚹ 12	△ 18	△ 13			
27	6 29	6 56							
28	7 23	7 51	□ 2						
29	8 22	8 54		□ 0			⚹ 13	△ 14	
30	9 26	9 59	△ 16						
31	10 29	10 59		△ 9	♂ 15	♂ 14			

The Planets daily Motions Geocentrick.   ♌ ♊

The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.			1 7 13 19 25	2N 2 2 2 2	3 3 2 2 2	1N 1 1 1 1	4 5 6 8 9	1N 20 1 27 1 29 1 30 1 32	3S. 49 3 49 3 45 3 34 3 13	1N 33 0 57 1 16 0S.26 1 1	22 36 22 17 21 58 21 39 21 19

VI D.	☉	♏	☽	♓	Lat. ☽	♄	♏	♃	♍	♂	♍	♀	♌	☿	♎	Sun's Declin. South.
☉ 1	9	11	25 29		5S. 9	16	56	20	19	20	3	26	5	27	53	14 34
2	10	11	9♈22		4 55	17	-3	20	29	20	39	27	3	29	31	14 53
3	11	12	23 40		4 22	17	10	20	39	21	15	28	0	1♏ 9		15 12
4	12	12	8♉17		3 31	17	18	20	50	21	51	28	57	2 47		15 31
5	13	12	23 8		2 26	17	25	21	0	22	27	29	54	4 25		15 49
6	14	12	8♊ 4		1 10	17	32	21	10	23	3	0♍30		6 3		16 7
7	15	13	22 56		0N 11	17	39	21	20	23	39	1	45	7 40		16 25
☉ 8	16	13	7♋38		1 30	17	46	21	30	24	15	2	39	9 17		16 43
9	17	13	22 6		2 42	17	53	21	40	24	51	3	32	10 54		17 0
10	18	14	6♌15		3 43	18	0	21	50	25	27	4	25	12 31		17 17
11	19	14	20 5		4 30	18	8	21	59	26	3	5	18	14 8		17 33
12	20	15	3♍37		5 0	18	15	22	9	26	38	6	11	15 45		17 50
13	21	15	16 51		5 13	18	22	22	19	27	14	7	3	17 21		18 6
14	22	16	29 49		5 10	18	29	22	28	27	50	7	54	18 57		18 21
☉ 15	23	16	12♎33		4 52	18	36	22	37	28	25	8	44	20 33		18 37
16	24	17	25 3		4 19	18	43	22	46	29	1	9	32	22 9		18 52
17	25	17	7♏22		3 36	18	51	22	55	29	37	10	21	23 45		19 7
18	26	18	19 32		2 43	18	58	23	4	0♎12		11	9	25 20		19 21
19	27	19	1♐32		1 43	19	5	23	13	0	47	11	56	26 54		19 35
20	28	19	13 26		0 39	19	12	23	21	1	23	12	42	28 29		19 49
21	29	20	25 14		0S. 26	19	19	23	30	1	58	13	27	0♐ 4		20 2
☉ 22	♐	21	7♑ 0		1 30	19	26	23	38	2	33	14	11	1 39		20 15
23	1	22	18 48		2 30	19	33	23	46	3	8	14	54	3 13		20 27
24	2	22	0♒40		3 24	19	40	23	54	3	43	15	36	4 47		20 40
25	3	23	12 40		4 10	19	47	24	2	4	18	16	16	6 21		20 51
26	4	24	24 53		4 46	19	54	24	10	4	53	16	55	7 55		21 3
27	5	25	7♓24		5 9	20	1	24	18	5	28	17	33	9 29		21 14
28	6	26	20 16		5 18	20	8	24	25	6	3	18	10	11 3		21 24
☉ 29	7	27	3♈35		5 10	20	15	24	32	6	38	18	46	12 37		21 35
30	8	27	17 21		4 44	20	22	24	40	7	12	19	21	14 10		21 44

The Heliocentrick Motions.												November, 1778.		
Days	♄	♏	♃	♍	♂	♌	☉	♉	♀	✶	☿	♍	Day·lig. B. & E.	Sun Ri.Set.	Clock too flo.
1	17	42	12	24	23	15	9	11	29	45	27	52	5 17 7	7 12 5	16 12
7	17	54	12	51	25	53	15	13	9♈18	19♎41			5 25 7	7 22 5	16 4
13	18	5	13	19	28	30	21	15	18	52	8♏41		5 34 7	7 33 5	15 24
19	18	16	13	46	1♍	8	27	19	28	27	26	2	5 41 7	7 42 5	14 14
25	18	27	14	14	3	45	3♊23	8♉	3	12♐36			5 48 7	7 50 5	12 34

M	H.Wat.	Lon.B.		The Lunar Aſpects.						The Mutual Aſpects.
D.	Morn.	Aftern.	☉	♄	♃	♂	♀	☿	
☉	11	31						□ 1	
2	0	2	0 29						☌♃♂
3	0	56	1 21					△ 8	☿ 14
4	1	46	2 12	8 7	8 15	△20	△23		
5	2	38	2 59						
6	3	19	3 39		□22				
7	3	58	4 20				□ 1	8 16	☽Perig.
☉	4	43	5 7	△15	△17	✶23		△ 3	
9	5	32	6 1				✶ 5		
10	6	31	7 2	□22	□21			□12	☌☉♄
11	7	33	8 5						
12	8	38	9 11					△ 5	
13	9	45	10 15	✶ 9	✶ 3	☌10	☌20	✶ 0	✶☉♃. ☌♄☿
14	10	44	11 12				□16		
☉	11	39							
16	0	4	0 28						✶♃☿
17	0	52	1 16		☌23		✶ 6		
18	1	39	2 1	☌15		✶ 7	✶23	☌13	
19	2	22	2 42						☌☉☿
20	2	58	3 14		□20				☽Apog.
21	3	30	3 46			□14			
☉	4	1	4 16				☌16		
23	4	36	4 56	✶ 2	△10				
24	5	15	5 34	✶ 4		△ 6		✶ 9	
25	5	58	6 22		□14				
26	6	46	7 10	□20					
27	7	38	8 6				✶20	□ 4	✶☉♂
28	8	36	9 6	△ 0	8 8				
☉	9	37	10 8	△ 7		8 6		△18	
30	10	38	11 8				□ 4		

The Planets daily Motions Geocentrick.

		1	2N	2	1N 10	1N 33	2S.42	1S. 32	21	0
The Planets Latitudes		7	2	2	1	12	1	34	1	57	1	58	20	41
and Place of ☽'s ☊		13	2	3	1	13	1	35	0	58	2	12	20	22
to every 6th Day.		19	2	3	1	15	1	36	0N 16	2	11	20	3
		25	2	4	1	16	1	37	1	44	1	49	19	44

M. D.	☉	♃	☽	♉	Lat. ☽	♄	♏	♃	♍	♂	♎	♀	♑	☿	♃	Sun's Declin. South.
1	9 28	1 34	4S. 0	20	29	24 47	7	47	19 55	15 44	21 54
2	10 29	16 13	2 59	20	36	24 54	8	22	20 26	17 18	22 3
3	11 30	1Ⅱ12	1 45	20	43	25 1	8	56	20 56	18 52	22 11
4	12 31	16 22	0 23	20	49	25 8	9	31	21 24	20 26	22 19
5	13 32	1♋34	1N 1	20	56	25 14	10	5	21 51	22 0	22 27
☉	14 33	16 39	2 20	21	3	25 21	10	40	22 16	23 33	22 34
7	15 34	1♌28	3 29	21	10	25 27	11	14	22 38	25 7	22 41
8	16 35	15 55	4 22	21	17	25 33	11	48	22 58	26 40	22 47
9	17 36	29 58	4 58	21	24	25 39	12	23	23 17	28 14	22 53
10	18 37	13♍35	5 16	21	30	25 45	12	57	23 34	29 47	22 59
11	19 38	26 49	5 16	21	37	25 50	13	31	23 49	1♑52	23 4
12	20 39	9♎40	5 1	21	43	25 56	14	5	24 2	2 54	23 8
☉	21 40	22 13	4 31	21	50	26 1	14	39	24 13	4 27	23 12
14	22 41	4♏31	3 49	21	57	26 6	15	13	24 21	6 0	23 16
15	23 43	16 37	2 58	22	3	26 11	15	47	24 27	7 33	23 19
16	24 44	28 35	1 59	22	9	26 16	16	20	24 31	9 5	23 22
17	25 45	10♐27	0 56	22	16	26 21	16	54	24 33	10 37	23 24
18	26 46	22 15	0S. 6	22	22	26 26	17	28	24R32	12 9	23 26
19	27 47	4♑3	1 14	22	28	26 30	18	1	24 28	13 40	23 27
☉	28 48	15 53	2 16	22	35	26 34	18	34	24 22	15 10	23 28
21	29 50	27 42	3 12	22	41	26 38	19	8	24 14	16 39	23 28
22	♑ 51	9≈39	4 0	22	47	26 42	19	41	24 3	18 7	23 28
23	1 52	21 44	4 38	22	53	26 46	20	14	23 49	19 34	23 27
24	2 53	4♓0	5 4	22	59	26 50	20	47	23 33	20 58	23 26
25	3 54	16 31	5 16	23	5	26 53	21	20	23 15	22 20	23 25
26	4 55	29 19	5 13	23	10	26 56	21	53	22 54	23 40	23 23
☉	5 57	12♈29	4 54	23	16	26 59	22	26	22 31	24 57	23 20
28	6 58	26 3	4 - 18	23	22	27 2	22	58	22 6	26 10	23 17
29	7 59	10♉3	3 26	23	28	27 4	23	31	21 39	27 19	23 14
30	9 0	24 27	2 19	23	33	27 7	24	4	21 10	28 23	23 10
31	10 1	9Ⅱ14	1 2	23	36	27 9	24	36	20 39	29 22	23 5

The Heliocentrick Motions. | December, 1778.

Days	♄	♏	♃	♍	♂	♍	☉	Ⅱ	♀	♃	♀	Day-lig. B. & E.	Sun Ri. Set.	Clock too slo.
1	18	38	14	41	6	22	9	28	17	41	29	11	5 54 7	7 57 5	10 28
7	18	49	15	9	9	0	15	34	27	19	16♈33		5 57 7	8 2 4	8 0
13	19	0	15	36	11	37	21	40	6Ⅱ58	5☵3c		5 59 7	8 6 4	5 15
19	19	11	16	4	14	15	27	47	16	39	27	6	6 1 6	8 8 4	2 17
25	19	23	16	31	16	54	2♋54	26	20	22♓37		6 1 6	8 7 4	ofa.43

M.	H. wat. Lon.B.		The Lunar Aspects.						The Mutual Aspects.
D.	Morn.	Aftern.	☉	♄	♃	♂	♀	☿	
1	11	39							
2	0	11	0 42		△14		△ 7		
3	1	12	1 42	☌17		△13			✶♄♀
4	2	11	2 38		□16			☌ 7	☽ Perig.
5	3	4	3 25			□14			
☉	3	46	4 7	△ 7	✶16		☌ 9		
7	4	28	4 52		✶17				□24☿
8	5	16	5 41	△ 1	□ 9			△21	
9	6	6	6 32						
10	6	59	7 26	□10	✶14	☌22		△18	
11	7	53	8 21					□10	
12	8	50	9 18	✶23		☌ 8			
☉	9	46	10 14				□ 4		
14	10	41	11 9				✶ 3		
15	11	37			☌11	✶19		✶16	
16	0	3	0 28						
17	0	53	1 18				✶14		□☉24
18	1	42	2 6	☌1c		□ 9			☽ Apog.
19	2	28	2 50					☌12	
☉	3	7	3 24	✶14	△22	□ 6	☌17		
21	3	39	3 53						
22	4	9	4 26			△21			
23	4	44	5 2	✶22	□ 2				
24	5	20	5 39						□♂8
25	6	1	6 24	△12	8 2c		✶12	✶12	
26	6	47	7 10	□11		8 19	□17		☌♀☿
☉	7	36	8 3						□☌♀
28	8	34	9 5	△20				□ 0	
29	9	38	10 12	8 22			△19		
30	10	47	11 22		△ 4				
31	11	57						△ 7	