

Parker's
E P H E M E R I S,

For the YEAR of Our LORD
1781.

Being the First after BISSEXTILE, or LEAP-YEAR.

THE NINETY SECOND IMPRESSION.



L O N D O N:
Printed for the Company of STATIONERS,
And sold by JOHN WILKIE, at their Hall,
in LUDGATE-STREET.
[Price NINE-PENCE stitched.]

A Table of Terms and their Returns, 1781.

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	Tuesd.
From the Day of St. Hilary in 15 Days,	27	28	29	30	Tuesd.
On the Morrow of the Pur. Blessed Mary,	Feb. 3	4	5	6	Tuesd.
In eight Days of the Pur. Blessed Mary,	9	10	11	12	Mond.

Easter Term begins May 2, ends May 28.

From the Day of Easter in 15 Days, -	April 29	30	M 1	2	Wedn.
From the Day of Easter in 3 Weeks, -	May 6	7	8	9	Wedn.
From the Day of Easter in 1 Month, -	13	14	15	16	Wedn.
From the Day of Easter in 5 Weeks, -	20	21	22	23	Wedn.
On the Morrow of the Ascension, - -	25	26	27	28	Mond.

Trinity Term begins June 15 ends July 4.

On the Morrow of the Holy Trinity, -	June 11	12	13	15	Friday
In eight Days of the Holy Trinity -	17	18	19	20	Wedn.
In fifteen Days of the Holy Trinity -	24	25	26	27	Wedn.
In three Weeks of the Holy Trinity -	July 1	2	3	4	Wedn.

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

On the Morrow of All Souls, - - -	Nov. 3	4	5	6	Tuesf.
On the Morrow of St. Martin, - - -	12	13	14	15	Thur.
In eight Days of St. Martin, - - -	18	19	20	21	Wedn.
In fifteen Days of St. Martin, - - -	25	26	27	28	Wedn.

N. B. No Sittings in *Westminster-hall* on Ascension-day, Midsummer-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 first and last Days of every Term, are the first and last Days of Appearance.

OXFORD and CAMBRIDGE TERMS.

OXFORD TERM.

- Lent Term - - - - - begins Jan. 15 — ends April 7
- Easter Term - - - - - begins April 25 — ends May 31
- Trinity Term - - - - - begins June 13 — ends July 14
- Michaelmas Term - - - - - begins Oct. 10 — ends Dec. 17

The Act is July 7.

CAMBRIDGE TERMS.

- Lent Term - - - - - begins Jan. 13. — ends April 6.
- Easter Term - - - - - begins April 25, — ends May 28.
- Michaelmas Term - - - - - begins Oct. 10, — ends Dec. 17.

The commencement will be July 3.

January hath XXXI Days.

Feb. XXVIII Days.

3

First quart. 2 day at 8 night.
Full Moon 10 day at 9 morn
Last quart. 17 day at 2 morn.
New moon 24 day at noon.

First quart. 1 day at 5 night.
Full moon 8 day at 8 night.
Last quart. 15 day at noon.
New moon 22 day at 6 morn.

M. Sundays and Saints Days, &c.	M. on South.	Moon fets.	M. Sundays and Saints Days, &c.	Moon South.	Moon fets.
1 Circumcision	5 A 13	11 A 10	1	5 42	0 M 14
2	5 51	Morn.	2 Pur. B. V. Mary	6 28	1 28
3	6 31	0 20	3 Blafe	7 19	2 45
4	7 13	1 28	4 Sun. af. Epiph.	8 14	4 2
5 Old Chriftn. Day	7 59	2 42	5 Agatha	9 13	5 15
6 Epiphany	8 48	3 58	6	10 16	6 15
7 Sun. aft. Epiph.	9 42	5 16	7	11 16	7 1
8 Plow Monday	Lucian	6 33	8	Morn.	7 rifes.
9	10 41	7 42	9	0 15	5 A 42
10	Morn.	7 rifes	10	1 10	7 16
11	0 41	5 A 16	11 Septuagesima Sun.	2 3	8 44
12 Old N. Year's Day	1 40	6 48	12 Term ends	2 53	10 11
13 Camb. Term beg.	Hilary.	8 17	13 O. Candlemas day	3 44	11 38
14 Sund. aft. Epip.	3 27	9 43	14 Valentine	4 35	Morn.
15 Oxf. Term beg.	4 17	11 9	15	5 27	1 4
16	5 6	Morn.	16	6 21	2 29
17 O. Twelfth day	5 54	0 33	17	7 16	3 46
18 Q. Cha. b. d. kept	Prisca.	1 58	18 Sexages. Sunday	8 12	4 52
19	7 36	3 20	19	9 7	5 44
20 Fabian	8 27	4 42	20	9 59	6 22
21	Agnes	5 58	21	10 49	6 48
22 Vincent	10 19	7 c	22	11 35	7 9
23 Term begins	11 12	7 48	23 Pr. Octavins bo.	0 A 17	7 fets
24	0 A 5	7 fets	24 St. Matthias	Pr. Ado. Fre. bo.	
25 Conv. of St. Paul	0 53	5 A 12	25 Quinquages. Sun.	1 38	7 A 44
26	1 38	6 26	26	2 17	8 53
27 Pr. Aug. Fred. bo.	2 20	7 37	27 Shrove Tuesday	2 57	10 4
28 Sun. aft. Epip.	3 0	8 46	28 Ash Wednesday.	3 41	11 16
29	3 39	9 54			
30 King Cha. I. Beh.	4 18	11 4			
31	4 50	Morn.			

Hark! how the cold bleak winds in caverns roar,
And hills and plains with snow are cover'd o'er;
The lawns and fields their beauty now have left
And purling streams are stopt with hoary frost.

4 March XXXI Days.				April hath XXX Days.			
First quart. 3 day at 11 morn.				First quart. 1 day at midn.			
Full moon 10 day at 7 morn.				Full moon 8 day at 4 aftern.			
Last quart. 16 day at 11 night				Last quart. 15 day at 1 aftern.			
New moon 24 day at midn.				New moon. 23 day at 5 aftern.			
M	Sundays and	Moon	Moon	M	Sundays and	Moon	Moon
D	Saints Days, &c.	South.	fets.	D	Saints Days, &c.	South.	fets.
1	David	4 A 24	Morn.	5	Sun: in Lent	5 A 57	2 M 5
2	Chad	5 12	0 29	6		6 55	3 0
3		6 5	1 46	7	Richard	7 52	3 40
4	Sun. in Lent	7 1	3 0	8	St. Ambrose	8 49	4 12
5		8 0	4 5	9	Old Lady-Day	9 43	4 34
6		9 0	4 58	10	Camb: Term ends	10 36	4 51
7	Ember Week	Perpetua.	35	11	Oxf: Term ends	11 28	5 7
8		10 56	6 2	12	Palm Sunday	Morn.	risef
9		11 51	6 23	13		0 21	8 A 19
10		Morn.	risef	14		1 16	9 53
11	Son: in Lent	0 44	7 A 45	15		2 11	11 23
12	Gregory	1 36	9 17	16	Maunday Thurf.	3 10	Morn.
13		2 29	10 48	17	Good Friday	4 9	0 45
14		3 23	Morn.	18		5 8	1 51
15		4 18	0 16	19	Easter Day	6 4	2 39
16		5 15	1 39	20	Easter Monday	6 56	3 15
17	St. Patrick	6 11	2 53	21	Easter Tuesday	7 44	3 37
18	Sunday in Lent	Ed. K. W. Sax.	18	22		8 30	3 54
19		8 1	4 32	23	Alphege	9 12	4 7
20		8 52	4 59	24		9 51	4 19
21	Benedict	9 39	5 21	25		10 31	4 29
22		10 22	5 38	26	Low Sunday	11 10	4 40
23		11 3	5 51	27	St. George	11 51	risef
24		11 44	6 2	28		0 A 33	8 A 33
25	Midlent Sunday	Lady-Day.		29	St. Mark	12 1	9 1
26		1 A 3	risef	30	Oxf. & Cam. T. b.	2 9	10 53
27		1 45	9 A 13	31		3 1	Morn.
28		2 28	10 27			3 57	0 3
29		3 15	11 41		Sun. aft. Easter	4 54	1 3
30		4 7	Morn.			5 51	1 49
31		5 0	0 56				

Cold Winter's gone, and pleasant Spring succeeds,
 And with new verdure crowns the groves and meads;
 The feather'd race extend their downy throats,
 With sweet harmonious mellifluous notes.

May hath XXXI Days.

First quart. 1 day at 9 morn.
 Full moon 7 day at midn.
 Last quart. 15 day at 4 morn.
 New moon 23 day at 8 morn.
 First quart. 30 day at 4 aftern.

M	Sundays and Saints Days, &c.	Moon South.	Moon fets
1	St. Phil. & James	6 A 46	2 M 21
2	Term begins	7 39	2 45
3	Inv. of the Crofs	8 30	3 3
4		9 20	3 19
5		10 11	3 32
6	3 Sun. af. Easter	St. John A, P.L.	
7		11 58	) rises
8		Morn. 8 A 56	
9		0 56	10 23
10		1 56	11 39
11		2 57	Morn.
12	Old May Day	3 56	0 36
13	4 Sun. af. Easter	4 51	1 18
14		5 42	1 45
15		6 29	2 5
16		7 12	2 18
17		7 53	2 28
18		8 32	2 40
19	Q. Charl. born	Dunft.	2 50
20	Rogat. Sunday	9 50	3 0
21		10 33	3 13
22	Frs. Eliz. born	11 17	3 28
23		0 A 4	) fets
24	Holy Thursday	0 57	9 A 55
25		1 53	10 58
26	Augustin	2 50	11 49
27	6 Sun. af. Easter	Ven. Bede	
28	Term ends	4 42	0 M 24
29	K. Cha. II. reff.	5 35	0 50
30		6 25	1 9
31	Oxf. Term ends	7 14	1 25

June XXX Days.

5

Full moon 6 day at 9 morn.
 Last quart. 13 day at 9 night.
 New moon 21 day at 9 night
 First quart. 28 day at 8 night

M	Sundays and Saints Days, &c.	Moon South.	Moon fets.
1	Nicomede	8 A 2	1 M 37
2		8 51	1 51
3	Whit. Sunday	9 43	2 4
4	Whit. Monday	R. Geo. III. born	
5	Whit. Tuesday	Pr. Eri Aug. born	
6	Ember Week	Morn.	) rises
7		0 36	10 A 19
8		1 37	11 8
9		2 35	11 42
10	Trin. Sunday	Frs. Ancl. born	
11	St. Barnabas	4 17	0 M 5
12		5 3	0 20
13	Oxf. Term begs	5 45	0 33
14	Corpus Christi	6 25	0 44
15	Term begins	7 4	0 54
16		7 43	1 4
17	1 Sun. af. Trin.	St. Alban.	15
18		9 7	1 28
19		9 54	1 45
20	Tr. Ed. K. W. Sax	10 44	2 8
21	Longest Day	11 40	) fet
22		0 A 37	9 A 40
23		1 35	10 20
24	2 Sun. af. Trin.	St. John Bap.	
25		3 26	11 9
26		4 17	11 26
27		5 5	11 39
28	St. Peter	5 53	11 52
29		6 41	Morn.
30		7 31	0 4

Now FLORA decks the fields in rich array,
 With daisies, violets, and with cowslips gay;
 The gardens too, doth all their sweets disclose
 Of hyacinths, pinks, tulips, and the rose.

July XXXI Days.

Full moon 5 day at 6 aftern.
 Last quart. 13 day at 2 aftern.
 New moon 21 day at 7 morn.
 First quart. 28 day at 1 morn.

August hath XXXI Days.

Full moon 4 day at 6 morn.
 Last quart. 12 day at 8 morn.
 New moon 19 day at 3 aftern.
 First quart. 26 day at 7 morn.

M	Sundays and Saints Days, &c.	Moon South.	Moon sets.
1		8 A 23	o M 21
2	G 1 Suz. af. Trin.	9 19	o 39
3	3 Camb. commence	Dog days begin	
4	4 Term ends	Tran. St. Mart	
5	Old Mid. Day	Morn.	) rises
6	6 Cam. Term ends	o 16	9 A 34
7	7 Oxford A&T	Tho. à Becket	
8	8 Sun. af. Trin.	2 3	10 18
9		2 51	10 34
10		3 35	10 46
11		4 15	10 56
12		4 55	11 6
13		5 34	11 16
14	14 Ox. Term ends	6 14	11 28
15	15 Sun. af. Trin.	Swithin	11 43
16		7 41	Morn.
17		8 30	o 4
18		9 23	o 34
19		10 20	1 16
20	Margaret	11 19	2 16
21		o A 18	) sets.
22	22 Sun. af. Trin.	St. Ma. Magd.	
23		2 8	9 A 28
24		2 59	9 43
25	25 St. James	3 47	9 57
26	Anne Mo. B. V. M.	4 36	10 10
27		5 25	10 25
28		6 16	10 41
29	29 Sun. af. Trin.	7 10	11 4
30		8 7	11 37
31		9 5	Morn.

M	Sundays, and Saints Days, and	Moon South.	sets.
1		10 A 3	o M 24
2	Lammas Day	11 1	1 26
3		11 53	2 37
4		Morn.	) rises.
5	5 Sun. af. Trin.	o 42	8 A 36
6	Transfiguration	1 28	8 51
7	Name of Jesus	2 10	9 2
8		2 50	9 12
9		3 30	9 22
10	St. Laurence	4 9	9 34
11	11 Frs. Brunfw. bo.	Dog days end.	
12	12 Sun. af. Trin.	Pr. of Wales bo.	
13		6 22	10 31
14		7 13	11 6
15	Affump. B. V. M.	8 8	11 58
16	16 Pr. Freder. bora	9 5	Morn.
17		10 4	1 7
18		11 3	2 30
19	19 Sun. af. Trin.	11 59	) sets
20		o A 52	7 A 52
21	21 Pr. Will. Hen. bo.	1 43	8 6
22		2 33	8 20
23		3 24	8 34
24	24 St Bartholomew	4 17	8 50
25		5 11	9 11
26	26 Sun. af. Trin.	6 7	9 41
27		7 5	10 24
28	St. Augustine	8 4	11 20
29	St. Jo. Bapt. beh.	9 0	Morn.
30		9 53	o 30
31		10 43	1 47

E'er bright Aurora gilds the eastern sky,
 The honest farmer to the field doth hie;
 To reap the product of a fruitful soil,
 And Ceres well rewards him for his toil.

Septemb. hath XXX Days

October XXXI Days. 7

Full moon 2 day at 7 night.
 Last quart. 10 day at midnight.
 New moon 17 day at midnight.
 First quart. 24 day at 4 afternoon.

Full moon 2 day at noon.
 Last quart. 10 day at 3 aftern.
 New moon 17 day at 9 morn.
 First quart. 24 day at 4 morn.

M	Sundays and Saints Days, &c.	Moon South.	Mon fets.	M	Sundays and Saints Days, &c.	Moon South.	Moon fets.
1	Giles	11 A 31	3 M 5	1	Remigius	11 A 42	4 M 46
2	C 12 Sun. aft. Trin	Len. h. 1666		2		Morn.) rises.	
3		0 M 14	) rises	3		9 22	6 A 5
4		0 55	7 A 39	4		1 2	6 18
5		1 34	7 30	5		1 44	6 32
6		2 14	7 51	6	Faith	2 28	6 50
7	Enurchus	2 54	8 2	7	C 17 Sun. aft. Trin	3 15	7 16
8	Nativ. E. V. M.	3 37	8 17	8		4 6	7 53
9	C 13 Sun. aft. Trin	4 22	8 35	9	St. Denys	4 59	8 48
10		5 11	9 8	10	Or. & C. T. beg	Old Michael. D.	
11		6 4	9 52	11		6 50	11 14
12		6 59	10 52	12		7 46	Morn.
13		7 57	Morn.	13	Tr. K. Edw. Conf.	8 39	0 41
14	Holy Cross Day	8 55	0 6	14	C 18 Sun. aft. Trin	9 31	2 8
15		9 51	1 33	15		10 22	3 38
16	C 14 Sun. aft. Trin	10 46	3 5	16		11 14	5 6
17	Lambert	11 38	) fets	17	Etheldred	0 A 6	) fets
18		0 A 30	6 A 33	18	St. Luke	1 2	5 A 32
19	Ember week	1 22	6 47	19		2 1	5 56
20		2 15	7 4	20		3 1	6 30
21	St. Matthew	3 10	7 24	21	C 19 Sun. aft. Trin	4 2	7 18
22	K. Geo. III. cro	4 8	7 48	22		5 4	8 20
23	C 15 Sun. aft. Trin	5 8	8 28	23		6 2	9 34
24		6 8	9 21	24		6 54	10 55
25		7 6	10 28	25	K. Geo. III. Ac	Crispin	Morn.
26	St. Cyprian	8 1	11 43	26	K. Geo. III. Pres	8 26	0 13
27		8 52	Morn.	27		9 8	1 27
28		9 38	1 1	28	C 20 Sun. aft Trin	St. Sim. & Juda	
29	St. Michael	Prs. Ch. Aug. bo		29		10 27	3 49
30	C 16 Sun. aft. Trin	St. Jerome		30		11 7	4 58
31				31		11 47	6 8

Lo! how the branches of the trees are bent,
 With choice Autumnal fruits for man's content;
 The timid hare unto the woods doth flee,
 That from the hounds she may in safety be.

Full moon 1 day at 6 morn.
 Last quart. 9 day at 3 morn.
 New moon 15 day at 7 night.
 First quart. 22 day at 8 night.

Full moon 1 day at 1 morn.
 Last quart. 8 day at 2 aftern.
 New moon 15 day at 6 morn.
 First quart. 22 day at 3 aftern.
 Full moon 30 day at 6 night.

M	Sundays and D Saints Days, &c.	Moon South.	Moon rises.	M	Sundays and D Saints Days, &c.	Moon South.	Moon rises.
1	All Saints	Morn.	risef	1		Morn.	risef
2	Pr. Edw. born	All Souls	5 A 1	2	Advent. Sunday	0 47	4 A 35
3	Prs. Sop. born	1 16	5 24	3		1 41	5 32
4	1st Sun. af. Trin.	2 6	5 57	4		2 36	6 43
5	Papst's Conq'n	2 58	6 44	5		3 29	8 1
6	Term begins	Leonard	7 46	6	Nicholas	4 21	9 24
7	D. Cumb. bo.	4 46	9 1	7		5 11	10 47
8	Prs. Aug. Soph. b.	5 40	10 21	8	Conc. B. V. M.	5 58	Morn.
9	Lord May. Day	at Lon.	11 46	9	2 Sun. in Advent	6 46	0 11
10		7 23	Morn.	10		7 33	1 84
11	22 Sun. af. Trin.	Martinmas		11		8 22	3 0
12		9 1	2 39	12		9 13	4 29
13	Britius	9 51	4 6	13	Lucy	10 10	6 1
14		10 43	5 35	14		11 11	7 33
15	Machutus	11 40	risef	15	Cambr. T. ends	0 A 15	risef
16		0 A 40	4 A 22	16	3 Sun. in Advent	1 17	4 A 37
17	Hugh Bp. of Lin.	1 44	5 3	17	Ox. & Ca. T. ends.	2 17	5 56
18	23 Sun. af. Trin.	2 47	6 2	18		3 13	7 19
19		3 47	7 14	19	Ember Week	4 2	8 40
20	Edm. K. & M	4 44	8 34	20		4 46	9 57
21		5 34	9 55	21	St. Thomas	Shortest Day	
22	Old Mart. Day.	6 20	11 13	22		6 7	Morn.
23	St. Clement	7 3	Morn.	23	4 Sun. Advent	6 45	0 19
24		7 43	0 25	24		7 24	1 27
25	4 Sun. af. Trin.	Glorie horn		25	Christmas Day	8 5	2 39
26		9 1	2 44	26	St. Stephen	8 49	3 49
27		9 41	3 55	27	St. John Evang.	9 36	5 3
28	Term ends	10 23	5 5	28	Holy Innocents	10 27	6 17
29		11 8	6 18	29		11 20	7 27
30	St. Andrew	11 56	7 32	30	1 Sun. aft Christ	Morn.	risef
				31	Silvester	0 15	4 A 16

The wither'd leaves in yellow show'rs descend,
 And blust'ring storms doth furiously contend;
 The birds have ceas'd, the flow'rs now disappear,
 All nature doth a dreary prospect wear.

COMMON NOTES for the YEAR 1781. 9

Dominical Letter	-	G	|	Epaçt	-	-	-	-	-	4
Golden Number	-	15	|	Number of Direction						25
Cycle of the Sun	-	26	|	Roman Indiction	-					14

Of the FOUR QUARTERS of the YEAR 1781.

THE SPRING QUARTER begins on the 20th Day of March, at 29 Minutes past 5 in the Morning.

The SUMMER QUARTER begins June the 21st, 40 Minutes past 3 in the Morning.

The AUTUMNAL QUARTER begins on the 22d day of September 15 Minutes past 5 in the Afternoon.

The WINTER QUARTER begins December the 21st, 30 Minutes past 9 in the Morning.

Of the ECLIPSES this YEAR, 1781.

THIS Year will produce Two Eclipses, which will happen in the following Order :

The first Eclipse is of the Sun, and will happen on Monday the 23d Day of April, in the Afternoon; and will in part be visible, according to the following Calculation for London. Begins 6 ho. 36 min. 35 sec.

Sun sets apparently 10 Minutes past 7.

The Second Eclipse is likewise of the Sun, and will happen on Wednesday the 17th Day of October, in the Morning, and will be visible in our Island of Great Britain, according to the following Calculation, for the latitude and Meridian of London.

Begins	-	-	-	-	6h.	52m.	32sec.
Middle	-	-	-	-	7	36	24
Ends	-	-	-	-	8	19	36
Digits eclipsed	-	3°	46'	0			

This Eclipse will be central and total to New Holland, part of the Indian Ocean, and the inmost parts of Africa.

10 Parker. January 1781.

The Planets daily Motions Geocentrick.												88	1
The Planets Latitudes and Place of D's to every 6th Day.												10	4
												7	1
												13	1
												19	1
												25	1
												1	28
												1	29
												1	29
												1	2
												0	59
												1	37
												1	22
												0	30
												1	9
												0	17
												0	30
												1	9
												10	4

M	D	☉	♃	♅	♁	♂	♄	♆	♁	♂	♄	♆	♁	♂	♄	♆	Sun's Declin South.
1	11	34	27	3	3 S	35	14	36	20	34	11	16	4	50	18	38	22 5
2	12	35	8P	52	2	46	14	42	20	45	11	53	6	3	19	33	22 5
3	13	37	20	46	1	49	14	49	20	55	12	30	7	16	20	32	22 4
4	14	38	28	50	0	47	14	55	21	5	13	7	8	30	21	35	22 4
5	15	39	15	9	0N	19	15	2	21	16	13	43	9	43	22	40	22 3
6	16	40	27	47	1	25	15	8	21	26	14	20	10	56	23	47	22 2
7	17	41	10	11	49	2	29	15	15	21	36	14	12	10	24	57	22 1
8	18	42	24	16	2	36	15	21	21	46	15	34	13	23	26	10	22 1
9	19	44	8	8	4	13	15	27	21	55	16	10	14	37	27	24	22
10	20	45	22	22	4	46	15	33	22	5	16	47	15	50	28	40	21 5
11	21	46	6S	52	5	1	15	40	22	14	17	24	17	4	29	57	21 4
12	22	47	21	31	4	57	15	46	22	24	18	0	18	17	15	15	21 3
13	23	48	61	12	4	33	15	52	22	33	18	37	19	31	2	35	21 2
14	24	49	20	46	3	51	15	58	22	42	19	14	20	44	3	56	21 1
15	25	50	5	11	2	55	16	4	22	51	19	50	21	58	5	18	21
16	26	51	19	21	1	49	16	9	23	0	20	27	23	12	6	41	20 4
17	27	52	3M	17	0	38	16	15	23	9	21	3	24	25	8	5	20 3
18	28	53	16	58	0S	35	16	21	23	17	21	40	25	39	9	30	20 2
19	29	54	07	26	1	44	16	27	23	26	22	16	26	53	10	56	20 1
20	30	56	13	42	2	46	16	32	23	34	22	52	28	7	12	23	19 5
21	1	57	26	46	3	39	16	38	23	42	23	29	29	21	13	50	19 4
22	2	58	9V	40	4	19	16	44	25	51	24	5	0V	35	15	18	19 3
23	3	59	22	23	4	46	16	50	23	59	24	41	1	49	16	47	19 1
24	5	0	4	55	4	59	16	55	24	7	25	18	3	3	18	17	19
25	6	1	17	16	4	57	17	1	24	15	25	54	4	17	19	47	18 4
26	7	2	19	27	4	42	17	6	24	23	26	30	5	31	21	18	18
27	8	3	11	28	4	14	17	11	24	30	27	6	6	45	22	50	18
28	9	4	23	21	3	35	17	16	24	38	27	42	7	59	24	22	18
29	10	5	5P	10	2	47	17	22	24	46	28	18	9	13	25	55	17
30	11	5	16	58	1	52	17	27	24	53	28	54	10	27	27	29	17
31	12	6	28	40	0	52	17	32	25	1	29	30	11	41	29	4	17

The Heliocentrick Motions.

January, 1781.

♄	♃	♂	♁	♀	♁	♁	♁	♁	♁	♁	Day-rg. B. & E.	Sun Ri. Set.	Clock too fast.
3 12 27	9 41 11	34 10 2	29 5	5 59	7 8	4 4	4 23						
13 12 55	12 26 17	41 19	43 20	56 7	7 59	5 7	4 7						
24 13 23	15 11 23	48 29	22 9	52 7	7 53	5 9	27 9						
35 13 50	17 57 29	54 8	59 27	46 7	7 46	5 11	26 12						
46 14 18	20 45 6	60 18	35 13	39 7	7 37	5 12	58 5						

Lat. Lon. B.		The Lunar Aspects.						The Mutual Aspects.
n.	Aftern.	☉	♃	♄	♁	♁	♁	
5	6 25						Δ 19	
45	7 5	□ 8	Δ 12				Δ 23	
28	7 51							
18	8 45					♁ 23		
16	9 48	Δ 1		♁ 12				
19	10 51							
25	11 59		♁ 8			♁ 2		
	0 31						♁ 4	
3	1 35	♁ 21			Δ 9			
6	2 32			Δ 0				♁ ♃ ♀
58	3 17		Δ 15		□ 18	Δ 16		* ☉ ♄
36	3 53			□ 4			Δ 20	
10	4 30		□ 17		* 22			
50	5 10	Δ 7		* 5		□ 0		
30	5 53		* 19			□ 0		
17	6 43	□ 14				* 8		
9	7 38						* 9	
8	8 42			♁ 12	♁ 9			
16	9 50	* 23						
24	11 1		♁ 5					♁ ♄ ♁
37						♁ 5		
9	0 41						♁ 12	
9	1 37			* 4	* 5			
4	2 30	♁ 0						
48	3 6		* 0	□ 14	□ 18			
21	3 35					* 10		
48	4 1		□ 12					
16	4 30			Δ 2	Δ 10		* 2	
45	5 0	* 10				□ 8		
15	5 31	Δ 0						
50	6 10						□ 1	

The Planets daily Motions Geocentrick.

The Planets Latitudes and Place of γ 's ∞ to every 6th Day.		1	IN 30	IN 2	ON 46	ON 28	1S. 44									
		7	1 31	1 3	0 42	0 10	2 1									
		13	1 31	1 4	0 38	0 S. 8	2 5									
		19	1 3	1 5	0 33	0 24	1 53									
		25	1 32	1 6	0 28	0 39	1 22									
M D	\odot	ω	D	S	Lat. D	I_2	\uparrow	M	J	V	S	P	Q	R	D	S
1	13	7	10	50	o N 12	17	37	25	8	0	6	12	55	0	39	16
2	14	8	23	5	1 16	17	42	25	15	0	41	14	6	2	15	16
3	15	9	5	$\text{P} 40$	2 18	17	47	25	21	1	17	15	23	3	52	16
\odot	16	9	18	40	3 15	17	52	25	28	1	53	16	37	5	30	16
5	17	10	25	8	4 4	17	56	35	34	2	29	17	51	7	9	15
6	18	11	16	5	4 39	18	1	25	40	3	4	19	5	8	48	15
7	19	12	0	$\text{S} 30$	4 38	18	6	25	46	3	40	20	19	10	28	15
8	20	12	15	17	4 59	18	11	25	51	4	15	21	33	12	9	14
9	21	13	0	$\text{M} 18$	4 38	18	15	25	57	4	51	22	47	13	51	14
\odot	22	13	15	23	3 59	18	19	26	2	5	26	24	1	15	33	14
10	23	14	0	23	3 2	18	23	26	8	6	1	25	16	17	16	13
12	24	15	15	8	1 55	18	23	26	13	6	37	26	30	19	0	13
13	25	15	29	35	0 41	18	32	26	18	7	12	27	44	20	45	13
14	26	16	13	$\text{M} 40$	cS. 34	18	36	26	23	7	47	28	58	22	31	12
15	27	16	27	23	1 45	18	40	26	27	8	22	0	$\text{W} 12$	24	1	12
16	28	17	10	$\uparrow 45$	2 48	18	44	26	32	8	57	1	26	26	7	12
17	29	17	23	50	3 41	18	48	26	37	9	32	2	41	27	53	11
\odot	K	18	6	$\text{V} 40$	4 21	18	51	26	41	10	7	3	55	29	46	11
19	1	18	19	16	4 49	18	55	26	45	10	42	5	9	1	$\text{K} 36$	11
20	2	18	1	42	5 2	18	58	26	49	11	16	6	23	3	27	10
21	3	19	13	18	5 0	19	2	25	53	11	51	7	37	5	19	10
22	4	19	26	5	4 46	19	5	26	57	12	26	8	52	7	12	9
23	5	19	8	$\text{K} 6$	4 18	19	0	27	0	13	1	10	6	9	5	9
24	6	20	29	1	3 39	19	12	27	4	13	35	11	20	10	59	9
\odot	7	20	1	$\text{P} 51$	2 51	19	15	27	7	14	10	12	35	12	54	8
26	8	20	13	38	1 56	19	18	27	9	14	45	13	49	14	49	8
27	9	20	25	26	0 55	19	20	27	12	15	19	15	3	16	45	8
28	10	21	7	$\text{S} 18$	o N 8	19	23	27	14	15	54	16	17	18	40	7

The Heliocentrick Motions.

February, 1781.

♄	♃	♂	♁	♅	♄	♃	♂	♁	♅	♄	♃	♂	♁	♅	Day-lig. B. & E.	Sun Ri. Set.	Clock too fast.	
59	14	51	24	3	13	7	29	45	3	1	5	30	7	7	26	5	14	10
10	15	18	26	53	19	12	9	17	20	38	5	21	7	7	15	5	14	38
20	15	46	29	45	25	15	18	49	10	2	5	12	7	7	5	5	14	37
31	16	14	2	37	1	18	28	18	2	21	5	0	7	6	53	6	14	10
42	16	42	5	53	7	20	7	47	28	4	4	50	8	6	4	6	13	20

at. Lon. B.		The Lunar Aspects						The Mutual Aspects.	
n.	Aftern.	☉	♃	♄	♂	♀	♁		
32	6 55	☐ 5				Δ 4			
21	7 48			8 4	8 16		Δ 20		
20	8 53	Δ 20	8 23						
30	10 7								
45	11 23			Δ 15		8 5		* ☉ ♃	
0	0								
37	1 9				Δ 6		8 16		
40	2 9	8 9	Δ 5	☐ 17					
38	2 58				☐ 8				
17	3 34	☐ 6	* 17			Δ 15			
51	4 7				* 9			* ♃ ♀	
24	4 44	Δ 19	* 6			☐ 21	Δ 7	* ♃ ♁	
4	5 25								
46	6 13			♁ 22			☐ 19	☐ ☉ ♃	
40	7 9	☐ 0		♁ 21	* 5				
39	8 14		♁ 15					☐ ♃ ♁	
49	9 27	* 11					* 8		
4	10 40								
15	11 48			* 14				♁ ☉ ♁	
0	20				* 20	♁ 9			
47	1 14		* 9						
37	2 0	♁ 18				☐ 2			
20	2 4		☐ 22		☐ 10		♁ 2		
55	3 9			Δ 13					
23	3 35								
47	3 59		Δ 11		Δ 3	* 0			
13	4 28								
45	5 2	* 6				☐ 22		* ♁ ♀	

The Planets daily Motions Geocentrick.

The Planets Latitudes and Place of ♃'s ☉ to every 6th Day.	1	IN 34	IN 10	OS 15	IS 29	2N 57	5
	7	I 35	I 10	0 25	I 30	I 38	5
	13	I 35	I 11	0 36	I 28	0 0	5
	19	I 36	I 11	0 49	I 24	I S 26	4
	25	I 36	I 11	I 3	I 19	2 25	4

M D	☉	☿	♃	♅	Lat. ♃	♁ R	♂ R	♄ R	♃	♅	♀	♁	♂ R	☿ R	Sun Decl Nort	
1	12	7	0	1	4 N 37	20	3	26	54	3	14	25	51	15	41	4
2	13	6	19	16	5 5	20	3	26	51	3	45	27	5	14	57	5
3	14	5	2	♂ 57	5 16	20	2	26	47	4	15	28	19	14	10	5
4	15	4	17	4	5 8	20	2	26	43	4	45	29	33	13	21	5
5	16	3	1	♂ 36	4 41	20	1	26	39	5	15	0 ♀ 47	12	33	6	6
6	17	2	16	30	3 55	20	1	26	35	5	44	2	1	11	47	6
7	18	1	1	♂ 37	2 52	20	0	26	30	6	14	3	15	11	3	7
8	19	0	16	49	1 36	19	59	26	25	6	43	4	29	10	21	7
9	19	59	1	♂ 57	0 14	19	58	26	20	7	13	5	43	9	42	7
10	20	57	16	50	1 S. 8	19	57	26	15	7	42	6	57	9	8	8
11	21	56	1	♂ 23	2 24	19	55	26	10	8	11	8	11	8	37	8
12	22	55	15	30	3 29	19	54	26	5	8	39	9	25	8	11	8
13	23	53	29	10	4 19	19	52	26	0	9	7	10	39	7	50	9
14	24	52	12	♂ 24	4 54	19	50	25	54	9	35	11	53	7	33	9
15	25	51	25	14	5 13	19	49	25	49	10	2	13	7	7	22	10
16	26	49	7	♂ 44	5 17	19	47	25	43	10	30	14	21	7	17	10
17	27	48	19	57	5 6	19	45	25	37	10	57	15	35	7	16	10
18	28	47	1	♂ 58	4 42	19	44	25	31	11	24	16	48	7	⊖ 21	11
19	29	45	13	51	4 6	19	42	25	25	11	51	18	2	7	30	11
20	30	43	25	40	3 19	19	40	25	19	12	17	19	16	7	44	11
21	1	42	7	♂ 28	2 24	19	38	25	12	12	44	20	30	8	3	12
22	2	40	19	17	1 23	19	36	25	6	13	10	21	44	8	27	12
23	3	38	1	♂ 11	0 18	19	33	24	59	13	36	22	58	8	55	12
24	4	37	13	11	0 48	19	31	24	53	14	1	24	12	9	27	13
25	5	35	25	19	1 53	19	29	24	46	14	26	25	26	10	2	13
26	6	33	7	♂ 37	2 54	19	26	24	39	14	50	26	40	10	40	13
27	7	32	20	7	3 48	19	23	24	32	15	15	27	54	11	23	14
28	8	30	1	♂ 51	4 31	19	21	24	25	15	39	29	7	12	11	14
29	9	28	15	51	5 1	19	18	24	18	16	3	0 ♂ 21	13	2	14	14
30	10	26	29	9	5 16	19	15	24	11	16	27	1	35	13	56	14

The Heliocentrick Motions.

April. 17

Days	♄	♃	♂	♆	♅	♁	♂	♃	♄	♆	♅	Day-lig. D. & E.	Sun Ri. Set.	Clock too fast.			
1	14	46	19	23	23	5	12	7	3	8	6	50	3 33	9 5	33 7 3	48	
7	14	57	19	51	26	11	18	1	12	39	27	26	3 17	9 5	21 7 2	1	
13	15	7	20	19	29	19	23	53	22	10	15	14	3 2	9 5	10 7 0	21	
19	15	18	20	47	2	♄	30	29	45	1	♃	42	2	♄	38	5	
25	15	20	21	15	5	42	5	♄	35	11	15	19	2	26	10	4 47 8	2 17

M.H.W. & L. B.

The Lunar Aspects.

The Mutual Aspects.

D.	Morn.	Aftern.	☉	♄	♃	♂	♀	♁	♂	♀	The Mutual Aspects.
1	6 41	7 12	☐ 12							☐ 18	
2	7 47	8 22			Δ 16				Δ 15		Δ 14 ♀
3	9 0	9 38	Δ 20							Δ 18	
4	10 15	10 52		Δ 6	☐ 16						
5	11 27					Δ 6					
6	0 1	0 25		☐ 6	* 16						
7	0 48	1 20						☐ 8	♁ 2	♁ 13	
8	1 52	2 17	♁ 4	* 6							
9	2 42	3 2				* 9					Δ ☉ ♄
10	3 21	3 38			♁ 15						
11	3 55	4 17						Δ 12	Δ 12		☐ ♂ ♀. ☐ ♂ ♀
12	4 38	5 1	Δ 14	♁ 8							
13	5 24	5 52				♁ 19				☐ 16	♁ ♀ ♀
14	6 2	6 49						☐ 0			
15	7 19	7 51	☐ 5		* 2					* 23	
16	8 24	8 56								* 14	
17	9 28	9 58	* 17	* 0	☐ 12						
18	10 28	10 55				* 20					
19	11 22	11 46		☐ 12							
20		0 10			Δ 0						
21	0 32	0 54						☐ 11		♁ 1	☐ ♄ ♀
22	1 14	1 34			Δ 0				♁ 6		
23	1 55	2 16	♁ 5								
24	2 34	2 52				♁ 23	Δ 2				
25	3 8	3 24									
26	3 40	3 55			♁ 23					* 6	
27	4 12	4 30							* 14		
28	4 52	5 14	* 11							☐ 18	
29	5 39	6 5			Δ 16	♁ 0					
30	6 35	7 5	☐ 22							☐ 5	

The Planets daily Motions Geocentrick.

The Planets Latitudes and Place of ☽'s ☾ to every 6th Day.		1 N 36	1 N 11	1 S 18	1 S. 10	2 S. 58	4	19											
		7 1 37	1 11	1 35	0 59	3 4	4	0											
		13 1 37	1 10	1 54	0 48	2 49	3	41											
		19 1 37	1 10	2 14	0 36	2 12	3	22											
		25 1 37	1 9	2 36	0 23	1 20	3	2											
M D.	☉	☽	☾	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	Sun's Declin. North.	
1	11	24	12	46	5N.14	19	12	24	4	16	50	2	49	14	53	15	16	15	16
2	12	22	26	43	4 54	19	9	23	57	17	13	4	3	15	53	15	34	15	34
3	13	20	10	59	4 15	19	5	23	49	17	35	5	17	16	56	15	52	15	52
4	14	18	25	32	3 20	19	2	23	42	17	58	6	31	18	1	16	9	16	9
5	15	16	10	18	2 10	18	59	23	34	18	20	7	45	19	9	16	26	19	26
6	16	14	25	12	0 51	18	56	23	27	18	42	8	59	20	20	16	43	20	43
7	17	12	10	6	0 S. 31	18	52	23	19	19	3	10	13	21	33	16	59	16	59
8	18	10	24	53	1 51	18	49	23	12	19	24	11	26	22	49	17	16	17	16
9	19	8	9	24	3 2	18	46	23	5	19	44	12	40	24	8	17	32	17	32
10	20	6	23	34	4 0	18	42	22	57	20	4	13	54	25	30	17	47	17	47
11	21	4	7	20	4 42	18	39	22	49	20	23	15	8	26	53	18	3	18	3
12	22	2	20	40	5 7	18	35	22	42	20	42	16	21	28	18	18	18	18	18
13	22	59	3	36	5 16	18	31	22	34	21	0	17	35	29	45	18	33	18	33
14	23	57	16	9	5 9	18	28	22	26	21	18	18	49	18	14	18	47	18	47
15	24	55	28	24	4 49	18	24	22	19	21	35	20	3	2	46	19	1	19	1
16	25	53	10	26	4 16	18	20	22	11	21	52	21	17	4	20	19	15	19	15
17	26	50	22	19	3 32	18	16	22	3	22	8	22	31	5	57	19	29	19	29
18	27	48	4	7	2 39	18	12	21	56	22	24	23	44	7	37	19	42	19	42
19	28	46	15	55	1 40	18	8	21	48	22	40	24	58	9	19	19	55	19	55
20	29	43	27	48	0 36	18	3	21	40	22	55	26	12	11	3	20	7	20	7
21	29	41	9	49	0 N 30	17	59	21	33	23	10	27	26	12	49	20	19	20	19
22	1	39	21	59	1 35	17	55	21	25	23	24	28	39	14	37	20	31	20	31
23	2	36	4	21	2 37	17	51	21	18	23	38	29	53	16	27	20	42	20	42
24	3	34	16	57	3 32	17	46	21	11	23	51	1	11	7	18	19	54	20	54
25	4	31	29	46	4 18	17	42	21	4	24	3	2	20	20	13	21	4	21	4
26	5	29	12	49	4 51	17	38	20	57	24	15	3	34	22	9	21	15	21	15
27	6	27	26		5 9	17	34	20	50	24	26	4	48	24	8	21	25	21	25
28	7	24	9	37	5 11	17	29	20	43	24	36	6	1	26	9	21	34	21	34
29	8	22	23	20	4 55	17	25	20	36	24	45	7	15	28	12	21	44	21	44
30	9	19	7	15	4 21	17	21	20	29	24	54	8	29	0	16	21	53	21	53
31	10	16	21	22	3 32	17	16	20	22	25	2	9	42	2	22	22	1	22	1

The Heliocentrick Motions.

May. 19

Days	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day-lig. B. & E.	Sun Ri. Set.	Clock to flow						
	1	2	3	4	5	6	7	8	9	10	11									
1	15	40	21	43	8	56	11	24	20	49	5	55	2	6	10	4	35	8	3	11
7	15	51	22	10	12	13	17	12	08	24	23	46	1	44	11	4	26	8	3	46
13	16	2	22	39	15	31	22	59	10	0	13	36	1	19	11	4	17	8	4	1
19	16	13	23	7	18	52	28	46	19	38	6	31	0	48	12	4	8	8	3	54
25	15	23	23	35	22	14	4	31	29	16	3	49	No	Nig.	4	0	8	3	28	

M. H. Wat. Lon. B.			The Lunar Aspects.						The Mutual Aspects.	
D.	Morn.	Astern.	☉	♂	♀	♂	♀	♂	♀	
1	7	37	8	10		△ 12	□ 20		△ 16	△ 4
2	8	45	9	20						
3	9	54	10	28	△ 4	□ 13	* 21	△ 11		
4	11	0	11	32						
5		0	0	2		* 12		□ 13		♂ 16
6	0	32	1	0						△ ♀ ♀
7	1	27	1	55	♂ 12		♂ 21	* 15	♂ 0	
8	2	23	2	46						
9	3	8	3	27		♂ 16				
10	3	46	4	7						△ 4
11	4	28	4	50					△ 15	
12	5	12	5	37	△ 3		* 6	♂ 0		□ 16
13	6	2	6	20						♂ 0 ♀
14	6	55	7	22	□ 16	* 5	□ 12		□ 6	
15	7	49	8	17						* 9
16	8	45	9	12		□ 16				
17	9	39	10	4	* 8		△ 0	* 0	* 0	* 0
18	10	30	10	55						* 4 ♀ △ ♀ ♀ . ♀ 4 ♀
19	11	20	11	45		△ 4		□ 14		
20		0	0	9						
21	0	33	0	56						♂ 7
22	1	19	1	41	♂ 20		♂ 0	△ 4	♂ 14	
23	2	5	2	29						
24	2	40	3	8		♂ 2				
25	3	27	3	45						♂ 4 ♀
26	4	4	4	22			△ 15	♂ 20		* 20
27	4	44	5	6	* 20					* 17
28	5	29	6	53		△ 19	□ 20			
29	6	20	6	48			* 22			□ 9
30	7	16	7	44	□ 4	□ 17			□ 2	
31	8	15	8	47			△ 6			△ 22

The Planets daily Motions Geoe strick.														♁	♃
The Planets Latitudes and Place of ♃'s ♁ to every 6th Day.		I	I N	37	I N	8	3 S.	4	o S.	6	o S.	6	2	40	
		7	1	37	1	7	3	30	o N	8	o N	55	2	21	
		13	1	36	1	5	3	57	o	22	1	38	2	2	
		19	1	35	1	4	4	24	o	35	1	57	1	43	
		25	1	34	1	2	4	50	o	48	1	49	1	24	
M	☉	♃	♄	♅	Lat.	♃	♄	♅	♆	♇	♈	♉	♊	Sun's Declin. North.	
1	11	14	5	38	2 N 28	17	12	20	15	25	10	10	56	4 29	22 9
2	12	11	20	3	1 15	17	8	20	9	25	17	12	10	6 37	22 17
☉	13	9	4	♄ 32	o S. 3	17	3	20	2	25	24	13	24	8 47	22 24
4	14	6	19	2	1 21	16	59	19	55	25	30	14	37	10 59	22 31
5	15	3	3	♄ 28	2 33	16	55	19	49	25	35	15	51	13 11	22 38
6	16	1	17	43	3 35	16	50	19	42	25	40	17	5	15 23	22 44
7	16	58	1	♄ 43	4 22	16	46	19	36	25	44	18	18	17 35	22 50
8	17	55	15	24	4 54	16	42	19	30	25	48	19	32	19 47	22 50
9	18	53	28	43	5 8	16	37	19	25	25	51	20	46	21 58	23 0
☉	19	50	1	♄ 39	5 6	16	33	19	19	25	52	22	0	24 9	23 5
11	20	47	24	14	4 49	16	29	19	13	25	52	23	13	26 19	23 9
12	21	44	6	♄ 30	4 19	16	24	19	7	25	51	24	2	28 28	23 13
13	22	42	18	33	3 38	16	20	19	2	25	50	25	41	o 35	23 16
14	23	39	o	♄ 26	2 48	16	15	18	57	25	48	26	55	2 41	23 19
15	24	36	12	15	1 51	16	11	18	52	25	46	28	8	4 45	23 22
16	25	34	24	6	o 50	16	7	18	47	25	43	29	22	6 47	23 24
☉	26	31	6	♄ 1	o N 15	16	3	18	42	25	39	o 36	8	8 47	23 26
18	27	28	18	8	1 19	15	58	18	37	25	35	1	50	10 45	23 27
19	28	25	o	♄ 28	2 21	15	54	18	33	25	37	3	3	12 42	23 28
20	29	23	13	5	3 17	15	50	18	29	25	23	4	17	14 37	23 28
21	☉	20	25	54	4 4	15	45	18	25	25	16	5	31	16 29	23 28
22	1	17	9	♄ 11	4 39	15	41	18	21	25	8	6	45	18 18	23 26
23	2	14	22	38	5 0	15	37	18	17	24	5	7	58	20 6	23 27
☉	3	12	6	♄ 19	5 4	15	32	18	13	24	50	9	12	21 52	23 26
25	4	9	20	11	4 50	15	28	18	10	24	40	10	26	23 45	23 24
26	5	6	4	♄ 10	4 19	15	24	18	7	24	30	11	40	25 16	23 22
27	6	3	18	14	3 32	15	20	18	4	24	19	12	53	26 55	23 20
28	7	0	2	♄ 1	2 32	15	16	18	1	24	8	14	7	28 31	23 17
29	7	58	16	30	1 22	15	12	17	58	23	56	15	21	o 6	23 14
30	8	55	o	♄ 39	0 2	15	8	17	55	23	44	16	35	1 39	23 10

The Planets daily Motions Geocentrick.

88 8

The Planets Latitudes and Place of D's 88 to every 6th Day.	I	IN	33	IN	I	5S.	15	IN	0	IN	19	I	5
	7	I	32	I	0	5	37	I	10	0	30	0	46
	13	I	32	0	58	5	54	I	16	0	34	0	27
	19	I	31	0	57	6	4	I	24	I	49	0	8
	25	I	29	0	55	6	9	I	28	3	8	29	49

m

D.	☉	♁	♂	♃	Lat.	♄	♅	♆	♁	♂	♃	♄	♅	♆	Sun's Declin. North.				
1	9	52	14	47	1S	6	15	4	17	52	23	32	17	48	3	9	23	6	
2	10	49	28	52	2	17	15	0	17	50	23	19	19	2	4	37	23	2	
3	11	46	12	52	3	18	14	56	17	48	23	5	20	16	6	2	22	57	
4	12	44	26	44	4	7	14	53	17	46	22	50	21	30	7	25	22	52	
5	13	41	10	23	4	41	14	49	17	44	22	35	22	43	8	46	22	46	
6	14	38	23	48	4	59	14	45	17	42	22	19	23	57	10	4	22	40	
7	15	35	6	55	5	0	14	42	17	41	22	3	25	11	11	20	22	34	
8	16	32	19	44	4	46	14	38	17	40	21	47	26	25	12	33	22	27	
9	17	29	2	15	4	19	14	35	17	39	21	31	27	38	13	44	22	19	
10	18	27	14	29	3	40	14	32	17	38	21	15	28	52	14	53	22	12	
11	19	24	2	31	2	52	14	29	17	37	20	58	0	15	6	59	22	4	
12	20	21	8	23	1	56	14	26	17	37	20	41	1	20	17	2	21	56	
13	21	18	20	12	0	56	14	23	17	36	20	24	2	33	18	1	21	47	
14	22	16	2	3	0	N	6	14	20	17	36	20	7	3	47	18	57	21	38
15	23	12	14	0	1	9	14	17	17	36	19	50	5	1	19	50	21	28	
16	24	10	26	10	2	10	14	14	17	D ³⁰	19	33	6	15	20	41	21	18	
17	25	7	8	37	3	6	14	12	17	37	19	16	7	28	21	29	21	8	
18	26	5	21	23	3	54	14	9	17	37	18	59	8	42	22	13	20	58	
19	27	2	4	32	4	31	14	6	17	38	18	4	9	56	22	52	20	47	
20	27	59	18	3	4	54	14	3	17	39	18	27	11	10	23	27	20	35	
21	28	57	1	54	5	0	14	1	17	40	18	11	12	24	23	59	20	24	
22	29	54	16	0	4	49	13	58	17	42	17	55	13	38	24	28	20	12	
23	30	51	0	17	4	20	13	50	17	43	17	40	14	51	24	52	20	0	
24	1	49	14	39	3	33	13	53	17	45	17	25	16	5	25	11	19	47	
25	2	46	29	1	2	34	13	51	17	47	17	10	17	19	25	25	19	34	
26	3	43	13	20	1	24	13	49	17	49	16	56	18	32	25	35	19	21	
27	4	41	27	31	0	10	13	47	17	52	16	42	19	46	25	40	19	7	
28	5	38	11	35	1S	4	13	45	17	54	16	29	21	0	25	R ³⁹	18	53	
29	6	36	25	30	2	13	13	44	17	56	16	17	22	13	15	33	18	39	
30	7	33	9	17	3	14	13	42	17	59	16	6	23	27	25	22	18	24	
31	8	30	22	55	4	3	13	40	18	2	15	56	24	41	25	6	18	10	

The Heliocentrick Motions.

July. 23

Days	♄	♃	♂	♆	♅	♁	♂	♃	♄	♆	♅	♁	Day-lig. B. & E.	Sun Ri. Set.	Clock. too fast.
1	17	30	26	27	13	48	9	52	29	5	17	37	No	3 46 9	3 23
7	17	41	26	55	17	25	15	35	88	50	6	53	Darkn.	3 50 9	4 26
13	17	52	27	23	21	3	21	18	18	36	24	22	but Twi- light.	3 55 9	5 15
19	18	2	27	51	24	43	27	2	28	21	11	0		4 1 8	5 49
25	18	13	28	19	28	24	2	46	8	7	27	33	0 45 12	4 10 8	6 3

M D.	H. Wa. Lon. B.		The Lunar Aspects.						The Mutual Aspects.
	Morn.	Aftern.	☉	♃	♂	♃	♀	♄	
1	9 44	10 19			♁ 5	*16	♁ 6		
2	10 55	11 31						♁ 11	
3		0 5		♁ 4					
4	0 38	1 10							
5	1 41	2 10	♁ 6		*14	♁ 22	♁ 23		♁ ♃ ♀
6	2 38	2 58							
7	3 18	3 35		*14	♁ 22			♁ 9	
8	3 51	4 7							
9	4 22	4 39							♁ ☉ ♃
10	4 57	5 12	♁ 9	♁ 0	♁ 6	*14			♁ ♃ ♄
11	5 28	5 47					♁ 8		
12	6 6	6 26		♁ 12				♁ 20	♁ ☉ ♃
13	6 47	7 8	♁ 3			♁ 0			♁ ♃ ♄
14	7 30	7 56					♁ 4		
15	8 23	8 52	*20		♁ 8	♁ 11		♁ 12	
16	9 22	9 55					*22		
17	10 28	11 2		♁ 11					
18	11 36							*22	
19	0 9	0 42							
20	1 13	1 43	♁ 19		♁ 0	♁ 0			
21	2 12	2 40		♁ 20			♁ 20		♁ ♃ ♄ *24♃
22	3 0	3 20			♁ 3			♁ 15	
23	3 37	3 54		♁ 22					
24	4 12	4 30			*5	♁ 6			
25	4 48	5 6	*7						♁ ♃ ♄
26	5 2	5 47		*1		♁ 6	*9	*20	
27	6 12	6 37	♁ 13						
28	7 5	7 33			♁ 11	*8	♁ 18		
29	8 7	8 41	♁ 21					♁ 0	
30	9 20	9 58		♁ 6					
31	10 35	11 12					♁ 4	♁ 4	♁ ♃ ♄

The Planets daily Motions Geocentrick.

182 Y

The Planets Latitudes and Place of ☽'s ☾ to every 6th Day.	1 7	1N 22 1 20	0N 46 0 45	4S 58 4 40	0N 56 0 43	0N 46 1 35	27 48 27 29
	13	1 19	0 44	4 21	0 28	1 49	27 10
	19	1 18	0 43	4 3	0 12	1 38	26 51
	25	1 17	0 42	3 46	●S. 6	1 10	26 32

M	D.	☉	☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Sun's Declin. North.
	1	9 19	24 29	4S.32	13 38	21 0	16 56	3 56	22 10	8 5						
☉	10	17 6	40 3	55	13 40	21 8	17 11	5 10	23 38	7 43						
	3	11 18	58 3	7	13 42	21 16	17 27	6 23	25 10	7 21						
	4	12 13	0P 58	2 12	13 43	21 24	17 43	7 37	26 47	6 59						
	5	13 12	50 1	11	13 45	21 32	18 0	8 50	28 27	6 37						
	6	14 10	24 38	0 7	13 47	21 41	18 17	10 4	0M 10	6 14						
	7	15 8	68 24	0N 56	13 49	21 49	18 34	11 17	1 56	5 52						
	8	16 7	18 13	1 58	13 51	21 58	18 52	12 31	3 44	5 29						
☉	17	5 0II	9 2	55	13 53	22 7	19 11	13 44	5 33	5 6						
	10	18 3	12 17	3 46	13 55	22 16	19 30	14 5	7 24	4 44						
	11	19 2	24 42	4 27	13 58	22 25	19 50	16 10	9 16	4 21						
	12	20 0	70 29	4 56	14 0	22 34	20 11	17 24	11 8	3 58						
	13	20 59	20 41	5 11	14 2	22 44	20 33	18 37	13 1	3 35						
	14	21 57	40 20	5 9	14 4	22 53	20 55	19 50	14 54	3 12						
	15	22 56	18 28	4 49	14 7	23 2	21 18	21 4	16 47	2 49						
☉	23	55 3M	1 4	9	14 9	23 12	21 41	22 17	18 39	2 25						
	17	24 53	17 53	3 12	14 12	23 21	22 5	23 30	20 31	2 2						
	18	25 52	2 56	2 16	14 2	23 31	22 29	24 43	22 22	1 39						
	19	26 51	18 2	0 42	14 19	23 41	22 53	25 56	24 13	1 15						
	20	27 50	3M 1	0S.40	14 22	23 51	23 18	27 9	26 3	0 52						
	21	28 48	17 45	1 59	14 25	24 1	23 43	28 22	27 52	0 29						
	22	29 47	2 10	3 8	14 29	24 11	24 9	29 35	29 41	0 5						
☉	24	46 16	13 4	4	14 32	24 21	24 35	0M 48	1 29	0S. 18						
	24	1 45	29 54	4 44	14 36	24 31	25 2	2 1	3 16	0 42						
	25	2 44	13 13	5 8	14 39	24 42	25 29	3 14	5 2	1 5						
	26	3 43	26 13	5 15	14 42	24 52	25 57	4 28	6 47	1 29						
	27	4 42	8 56	5 7	14 45	25 3	26 25	5 41	8 31	1 52						
	28	5 41	21 24	4 44	14 49	25 14	26 53	6 54	10 14	2 16						
	29	6 40	3 39	4 9	14 53	25 24	27 22	8 7	11 56	2 39						
☉	7	39 15	45 3	23	14 58	25 35	27 51	9 20	13 38	3 2						

The Heliocentrick Motions.

September. 27

☾	♄	♃	♂	♁	♁	♁	♁	♁	♁	♁	♁	♁	♁	♁	♁	Day-lig. B. & E.	Sun. Ri Net.	Clk too flo.
9 22	1 18	22 13	9 19	9 28	7 11	3 7	9 5	14 7	0 24									
9 33	1 46	26 1	15 8	19 3	14 42	3 24	9 5	25 7	2 22									
9 44	2 14	29 50	20 59	28 37	18 42	3 37	9 5	37 7	4 25									
9 54	2 43	3 38	26 51	8 10	17 8	3 52	9 5	49 7	6 31									
0 5	3 11	7 27	2 44	17 41	10 41	4 5	8 6	1 6	8 34									

I. Wat. Lon. B. The Lunar Aspects.

The Mutual Aspects.

Turn.	Altern.	☉	♃	♂	♀	♁
1 6	1 31	8 8	□ 14		* 21	* 21
2 38	2 53			Δ 4		
3 7	3 2				8 12	
3 32	3 44		Δ 2		□ 10	
3 57	4 1					Δ 12
4 25	4 42	Δ 26				
4 59	5 17		8 8	Δ 2		
5 35	5 59					□ 13
6 23	6 51	□ 12	8 4		Δ 6	
7 19	7 53					□ 20
8 27	9 6					* 8
9 45	10 22	* 1		Δ 4	8 0	
10 59	11 35		Δ 18			
	0 10		□ 8		* 6	
0 40	1 9		□ 18			
1 36	2 3	♁ 12		* 7	Δ 7	♁ 5
2 27	2 50		* 18			
3 8	3 25				□ 8	♁ 14
3 42	3 58					
4 18	4 38	* 20		♁ 1	* 10	* 20
5 0	5 22		♁ 21			
5 51	6 20					
6 52	7 24	□ 4			* 4	□ 7
8 1	8 36			* 21	♁ 23	
9 13	9 50	Δ 15			□ 17	Δ 23
10 23	10 56		* 12			
11 2	11 55		□ 22	□ 8		
	0 20				Δ 8	
0 44	1 6		Δ 20			

The Planets daily Motions Geocentrick.

The Planets Latitudes and Place of ☽'s ☽ to every 6th Day.	1	IN 16	ON 41	3S. 29	OS. 24	ON 34	20
	7	I 15	0 40	3 12	0 42	OS. 7	25
	13	I 14	0 37	2 56	I 1	0 49	25
	19	I 13	0 38	2 40	I 18	I 28	25
	25	I 12	0 37	2 26	I 25	2 24	24

M D.	☉	☽	♃	♄	Lat. ☽	♅	♆	♁	♂	♀	♃	♄	☽	Sun Decl Sout
1	8 38	27 43	2 S 28	15 2	25 46	28 20	10 33	15 18	3					
2	9 37	9P 36	1 27	15 6	25 57	28 50	11 46	16 58	3					
3	10 36	21 24	0 22	15 11	26 8	29 20	12 59	18 37	4					
4	11 35	38 11	ON 43	15 15	26 19	29 50	14 12	20 15	4					
5	12 35	14 59	I 46	15 19	26 30	☽ 21	15 25	21 53	4					
6	13 34	26 51	2 46	15 24	26 42	0 52	16 37	23 30	5					
☉	14 33	8 II 50	3 49	15 28	26 53	1 24	17 50	25 6	5					
8	15 33	20 59	4 22	15 33	27 4	1 56	19 3	26 41	6					
9	16 32	3 24	4 55	15 38	27 16	2 28	20 16	28 15	6					
10	17 31	16 7	5 17	15 42	27 27	3 0	21 28	29 49	6					
11	18 31	29 12	5 17	15 47	27 39	3 32	22 41	1 III 22	7					
12	19 30	12 43	5 4	15 52	27 51	4 5	23 54	2 55	7					
13	20 30	26 41	4 32	15 57	28 3	4 38	25 6	4 27	8					
☉	21 29	1 I 5	3 43	16 2	28 15	5 11	26 19	5 58	8					
15	22 29	25 53	2 37	16 7	28 27	5 44	27 32	7 29	8					
16	23 29	10 57	1 20	16 12	28 39	6 18	28 44	8 59	9					
17	24 28	26 10	OS. 4	16 18	28 51	6 52	29 57	10 28	9					
18	25 28	1 I 21	1 27	16 23	29 3	7 26	1 ♀ 10	11 56	9					
19	26 28	26 22	2 44	16 28	29 16	8 1	2 22	13 24	10					
20	27 28	1 I ♀ 4	3 43	16 34	29 28	8 36	3 35	14 51	10					
☉	28 28	25 22	4 35	16 39	29 41	9 11	4 47	16 18	10					
22	29 27	9 V 13	5 5	16 45	29 53	9 46	6 0	17 41	11					
23	III 27	22 38	5 18	16 50	0 ♀ 6	10 22	7 12	19 9	11					
24	I 27	5 38	5 12	16 56	0 18	10 58	8 24	20 33	12					
25	2 27	18 16	4 53	17 1	0 31	11 34	9 36	21 57	12					
26	3 27	0 X 37	4 20	17 7	0 44	12 10	10 48	23 21	12					
27	4 27	12 44	3 36	17 13	0 57	12 46	12 0	24 42	13					
☉	5 27	24 42	2 43	17 19	1 9	13 22	13 13	26 3	13					
29	6 27	6 P 33	1 44	17 24	1 22	13 58	14 25	27 23	13					
30	7 27	18 21	0 40	17 30	1 35	14 35	15 37	28 47	14					
31	8 27	0 8 8	ON 26	17 36	1 48	15 12	16 49	29 50	14					

The Heliocentrick Motions.

October. 29

♄	♃	♂	♁	♀	♁	♄	♃	♂	♁	♄	♃	♂	♁	Day-lig. B. & E.	Sun Ri. Set.	Clock too flo.		
16	3	39	11	15	8	38	27	11	0	47	4	18	8	6	12	6	10	32
25	4	7	15	3	14	33	6	54	18	44	4	31	8	6	24	6	12	19
33	4	35	18	5	20	30	16	10	5	33	4	43	8	6	36	6	13	50
4)	5	4	22	36	26	28	25	39	22	3	4	55	8	6	47	6	15	1
59	5	32	26	22	2	27	5	7	8	56	5	6	7	6	50	6	15	50

War. Lon B.		The Lunar Aspect.						The Mutual Aspects.	
o.n.	Altern.	☉	♃	♄	♁	♂	♁		
27	1 47					* 1		* ♃ ♁	
7	2 26	8 0	Δ 12				8 16		
44	2 58					□ 17			
12	3 26								
39	3 53						8 1		
6	4 24			8 0	Δ 8				
42	5 1	Δ 12	8 13						
20	5 45							Δ 10	* ☉ ♃
10	6 40								
10	7 42	□ 3		Δ 20			Δ 10		
15	8 52					8 8		□ 4	
29	10 4	* 12	Δ 6				□ 22		
39	11 13							* 14	
46			□ 8						
15	0 44			* 4	Δ 16	* 4			
11	1 38	♁ 21	* 8						♁ ♃ ♁
5	2 31					□ 18			
52	3 12							♁ 1	
31	3 47					♁ 5	* 20	♁ 11	
10	4 31		♁ 9						
54	5 18	* 6							
46	0 12							* 18	
46	7 17	□ 16		* 14					
40	8 21	* 22		♁ 11	* 6				
53	9 24							□ 8	
53	10 23	Δ 6		□ 0			□ 23		
40	11 16	□ 7							* ♁ ♁
42				Δ 13				Δ 3	
7	0 29		Δ 22		* 16	Δ 18			
50	1 11								
31	1 52	8 10							

The Planets daily Motions Geocentrick.

The Planets Latitudes and Place of D's ☽		1	IN 11	oN 37	2S. 9	IS. 51	2S. 33	24					
to every 6th Day.		7	1 10	0 36	1 56	2 5	2 43	24					
		13	1 10	0 35	1 44	2 15	2 29	23					
		19	1 9	0 35	1 31	2 22	1 35	23					
		25	1 8	0 34	1 20	2 26	oN 10	23					
M D.	☉	♃	♄	♅	Lit. ♄	♁	♂	♆	♄	♃	♂	♆	Sun Dec Sou
1	9	27	11 58	IN 30	17 42	2 1	15 47	18 1	1 15	15 14			
2	10	28	23 51	2 31	17 48	2 14	16 26	19 13	2 30	14 14			
3	11	28	5 II 51	3 25	17 55	2 27	17 4	20 25	3 43	15 15			
☉	12	28	17 59	4 11	18 1	2 40	17 41	21 37	4 54	15 15			
5	13	28	02 16	4 46	18 7	2 53	18 19	22 49	6 3	15 15			
6	14	29	12 47	5 8	18 13	3 6	18 57	24 1	7 10	16 16			
7	15	29	25 33	5 16	18 19	3 19	19 35	25 13	8 14	16 16			
8	16	29	8 Ω 36	5 7	18 25	3 32	20 13	26 25	9 15	16 16			
9	17	30	21 59	4 42	18 32	3 46	20 51	27 36	10 12	17 17			
10	18	30	5 II 45	4 0	18 38	3 59	21 29	28 48	11 6	17 17			
☉	19	31	15 53	3 3	18 45	4 12	22 8	29 59	11 56	17 17			
12	20	31	4 23	1 53	18 51	4 25	22 46	1 V 10	12 40	17 17			
13	21	32	19 11	0 34	18 58	4 38	23 25	2 22	13 20	18 18			
14	22	32	4 M 13	0 S 49	19 5	4 51	24 4	3 33	13 54	18 18			
15	23	33	19 19	2 8	19 11	5 5	24 43	4 44	14 21	18 18			
16	24	33	4 ♄ 22	3 18	19 18	5 18	25 22	5 56	14 40	18 18			
17	25	34	19 11	4 14	19 25	5 31	26 1	7 7	14 50	19 19			
☉	26	35	3 V 39	4 51	19 31	5 45	26 40	8 18	14 52	19 19			
19	27	35	17 41	5 10	19 38	5 58	27 19	9 29	14 R 46	19 19			
20	28	36	1 3 15	5 11	19 45	6 11	27 59	10 40	14 28	19 19			
21	29	37	14 21	4 55	19 51	6 25	28 38	11 51	14 0	20 20			
22	♄	37	27 3	4 25	19 58	6 38	29 18	13 2	13 20	20 20			
23	1	38	9 X 24	3 44	20 5	6 52	29 57	14 13	12 30	20 20			
24	2	39	21 28	2 53	20 12	7 5	0 X 37	15 23	11 32	20 20			
☉	3	40	3 V 22	1 55	20 19	7 19	1 17	16 34	10 24	20 20			
26	4	41	15 11	0 53	20 25	7 32	1 57	17 45	9 10	21 21			
27	5	41	26 57	oN 11	20 32	7 46	2 37	18 55	7 50	21 21			
28	6	42	8 Ω 46	1 14	20 39	7 59	3 17	20 5	6 25	21 21			
29	7	43	20 41	2 15	20 46	8 13	3 57	21 15	5 3	21 21			
30	8	44	2 II 44	3 10	20 53	8 27	4 37	22 25	3 44	21 21			

The Heliocentrick Motions.

November. 21

	♄	♃	♂	♆	♅	♁	♁	♁	♁	♁	♁	♁	Day-lig. B. & E.	Sun Ri.Set.	Clock too flo.					
1	21	12	6	6	0	44	9	27	16	11	0	17	5	17	7	12	5	16	14	
7	21	23	6	35	4	27	15	29	25	41	21	2	5	25	7	7	23	5	16	4
3	21	34	7	3	8	9	21	32	5	11	15	18	5	34	7	7	32	5	15	23
9	21	44	7	31	11	49	27	35	14	42	14	23	5	41	7	7	42	5	14	11
5	21	55	7	59	15	28	3	14	24	14	18	42	5	58	7	7	50	5	12	30

H. Wat. Len. B.

The Lunar Aspects.

The Mutual Aspects.

	Morn.	Aftern.	☉	♄	♃	♂	♀	♁
1	2	12	2	31				
2	2	50	3	6		♁ 17	☐ 8	♁ 20
3	3	21	3	37				
4	3	52	4	10		♁ 0	☐ 0	♁ 8
5	4	28	4	49				
6	5	10	5	33	☐ 4			
7	5	57	6	25		☐ 15	☐ 15	
8	6	53	7	23	☐ 15	☐ 18	♁ 22	☐ 1
9	7	53	8	26			☐ 21	☐ 11
10	8	58	9	31		☐ 23		☐ 10
11	10	4	10	36	* 1			☐ 18
12	11	7	11	39		* 0		* 14
13		0	10				☐ 6	* 22
14	0	38	1	6	* 0			
15	1	36	2	5	♁ 7		☐ 9	
16	2	31	2	57		♁ 1		♁ 17
17	3	17	3	37	♁ 0		* 12	
18	3	59	4	20			♁ 9	
19	4	43	5	6	* 19			
20	5	31	5	55	* 8	* 9		
21	6	21	6	47				* 0
22	7	12	7	38	☐ 8		☐ 19	♁ 5
23	8	5	8	32		☐ 22		* 10
24	8	59	9	25				☐ 6
25	9	51	10	17	☐ 1		☐ 8	☐ 14
26	10	42	11	7	☐ 11			☐ 4
27	11	33	11	58			* 11	
28		0	0	22				
29	0	45	1	9			☐ 1	
30	1	32	2	57	♁ 13		♁ 8	☐ 4

♁ 4 ♁

☐ 0 ♂

♁ 4 ♁

☐ 0 ♁

♁ 0 ♁

The Planets daily Motions Geo.entr.c.k.

The Planets Latitudes and Place of ☽'s ☾ to every 6th Day.		1	IN	8	ON	34	1S.	9	2S.	26	2N	1	22	59					
		7	1	8	0	33	0	59	2	22	2	47	22	40					
		13	1	7	0	33	0	49	2	13	2	32	22	21					
		19	1	7	0	33	0	40	2	0	1	51	22	2					
		25	1	6	0	32	0	31	1	41	1	3	21	43					
M	D.	☉	♃	♄	♅	Lat.	♁	♂	♆	♄	♃	♂	♆	♁	♂	♆	Sun's Declin South.		
1	9	45	14	56	3N	57	21	0	8	40	5	18	23	34	2	31	21	56	
☉	10	46	27	19	4	34	21	7	8	54	5	58	24	44	1	27	22	5	
3	11	47	9	53	4	58	21	14	9	7	6	39	25	54	0	32	22	14	
4	12	48	22	39	5	7	21	21	9	21	7	19	27	3	29	M	46	22	22
5	13	49	5	37	5	1	21	28	9	34	8	0	28	13	29	12	22	26	
6	14	50	18	48	4	40	21	35	9	48	8	40	29	22	28	50	22	36	
7	15	51	2	13	4	2	21	42	10	1	9	21	30	3	28	40	22	43	
8	16	52	15	53	3	10	21	49	10	15	10	1	1	40	28	38	22	49	
☉	17	53	29	49	2	6	21	5	10	28	10	42	2	49	23	D	49	22	55
10	18	54	14	0	0	54	22	4	10	42	11	22	3	58	29	8	23	0	
11	19	55	28	26	0S.	24	22	11	10	55	12	3	5	6	29	35	23	5	
12	20	56	13	4	1	40	22	18	11	9	12	44	6	15	0	♃	9	23	10
13	21	57	27	49	2	51	22	25	11	22	13	25	7	23	0	50	23	14	
14	22	58	12	35	3	50	22	32	11	35	14	6	8	31	1	37	23	17	
15	23	59	27	14	4	33	22	40	11	49	14	47	9	39	2	29	23	20	
☉	25	1	11	38	4	58	22	47	12	2	15	28	10	46	3	26	23	23	
17	26	2	25	40	5	4	22	54	12	15	16	9	11	54	4	27	23	25	
18	27	3	9	17	4	52	23	1	12	29	16	50	13	1	5	32	23	26	
19	28	4	22	28	4	25	23	8	12	42	17	31	14	8	6	39	23	27	
20	29	5	5	14	3	46	23	15	12	55	18	12	15	15	7	49	23	28	
21	30	6	17	37	2	57	23	23	13	8	18	53	16	22	9	1	23	28	
22	1	8	29	44	2	0	23	30	13	22	19	34	17	28	10	15	23	28	
☉	2	9	11	38	1	0	23	37	13	35	20	15	18	35	11	31	23	27	
24	3	10	23	27	0N	3	23	44	13	49	20	57	19	41	12	49	23	26	
25	4	11	5	14	1	5	23	51	14	2	21	38	20	47	14	8	23	24	
26	5	12	17	5	2	5	23	58	14	15	22	19	21	53	15	29	23	22	
27	6	13	29	5	3	0	24	5	14	28	23	0	22	58	16	51	23	19	
28	7	15	11	17	3	47	24	12	14	41	23	42	24	3	18	14	23	16	
29	8	16	23	42	4	24	24	19	14	54	24	23	25	8	19	38	23	13	
☉	9	17	6	23	4	49	24	26	15	7	25	4	26	12	21	2	23	9	
31	10	18	19	17	5	0	24	33	15	20	25	45	27	16	22	27	23	4	

The Heliocentrick Motions.

December, 1781.

Days	The Heliocentrick Motions											December, 1781.								
	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	Day-lig. R. & E.	Sun Ri. Set.	Cluck too. flo					
1	22	6	8	29	19	5	9	45	3	46	26	16	5	54	7	57	5	10	23	
7	22	16	8	57	22	40	15	51	13	19	28	31	5	57	7	8	2	4	7	54
13	22	27	9	26	26	14	21	57	22	54	3	45	5	59	7	8	6	4	5	7
19	22	38	9	54	29	45	28	4	28	30	29	34	6	1	6	8	8	4	2	9
25	22	40	10	22	28	15	40	11	12	6	21	12	6	1	6	8	7	4	ofa.	51

M. H. Wat. Lon. B.		The Lunar Aspects.						The Mutual Aspects.	
D.	Morn.	Aftern.	☉	♃	♄	♅	♆	♇	♈
1	2	21	2	42		♁ ¹²			
⊙	3	2	3	20			Δ ¹⁶		
3	3	37	3	54					
4	4	11	4	28				♁ ¹⁰	Δ ¹²
5	4	52	5	13	Δ ¹⁶		Δ ⁷		
6	5	34	5	58		Δ ⁵			□ ¹⁸
7	6	23	6	48			□ ¹³	♁ ¹³	
8	7	13	7	41	□ ²	□ ¹⁰			* ²²
⊙	8	10	8	40			* ¹⁸	Δ ⁶	
10	9	11	9	44	* ¹⁰	* ¹³			
11	10	17	10	50				□ ¹²	♁ ² ♅
12	11	23	11	57				Δ ⁰	
13			0	31			♁ ²²	* ¹⁶	♁ ⁵
14	1	3	1	35	♁ ¹⁸	♁ ¹⁶		□ ³	
15	2	7	2	38					♁ ⁰ ♃
⊙	3	0	3	22				* ⁷	
17	4	41	3	59					* ¹⁷
18	4	20	4	40			* ⁴	♁ ⁷	* ² ♄
19	4	59	5	17	* ¹¹	* ²			
20	5	37	5	57			□ ¹⁵		□ ⁶
21	6	19	6	41			□ ¹²	♁ ³	
22	7	1	7	22	□ ³				
⊙	7	45	8	9			Δ ⁴	* ¹⁵	Δ ⁰
24	8	34	9	0	Δ ²²	Δ ⁰			
25	9	28	9	56					♁ ² ♄
26	10	24	10	52				* ¹⁰	□ ⁸
27	11	22	11	52					
28			0	21			♁ ⁶		♁ ¹⁵
29	0	50	1	17			□ ²	Δ ³	
⊙	1	44	2	11	♁ ¹				♁ ² ♅. * ² ♆
31	2	38	3	6					

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

Ho.	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 28
9	4 25	4 28	4 32	4 36	4 40	4 43	4 47	4 51	4 55	4 58	5 0
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 10
12	5 53	5 58	6 3	6 8	6 13	6 18	6 23	6 28	6 33	6 38	6 44
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 23
16	7 51	7 57	8 4	8 11	8 17	8 24	8 31	8 37	8 44	8 51	8 58
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 5
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 22	10 30	10 38	10 47	10 55	11 3	11 11
21	10 18	10 27	10 35	10 44	10 53	11 1	11 10	11 19	11 27	11 36	11 44
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 53
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 Astronomers begin the Day at Noon, and count 24 Hours to the Day; so that beginning one Day at Noon, the same ends the next Day at Noon; therefore 1 in the Afternoon is the first Hour of the Day, and 10 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 on the Day, from her Place the following Day, by adding 30 d.

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

Hour	13 30	13 46	13 56	14 06	14 16	14 26	14 36	14 46	14 56	15 06	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 02	11 10	11 18	11 26	11 34	11 41	1 49	1 57	12 5
20	11 20	11 28	11 37	11 45	11 53	12 2	12 10	12 18	12 27	2 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

degrees (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 5th Day of January at 9 at Night: Her Place at Noon is 8 15 9', and the next Day 27 47' of the same Sign; therefore her diurnal Motion is 12 38'; then I find the nearest Number to this, viz. 12 38' in the Head of the Table, and against 9 Hours is 4 44' which being added to 8 15 9' her Place at Noon, the Sum will be 19 53', her Place at 9 o'Clock that Night.

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. Cong.	1027	1066 Oct. 14	20 10 26	60	Burst by leap.	Canan, Norm
Will. Rufus	1057	1087 Sept. 9	12 10 24	43	Slain accidentally.	Winchester
Henry I	1058	1100 Aug. 2	35 3 29	77		Reading
Stephen	1105	1135 Dec. 1	18 10 24	49		Feverham
Henry II	1134	1154 Oct. 25	34 8 11	55	Slain with an Arrow.	Fonteveraud
Richard I	1156	1189 July 6	9 9 0	43		Fonteveraud
John	1166	1199 April 6	17 6 13	50		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 11	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 0	42	Slain in Batt.	Leicester
Henry VII	1457	1485 Aug. 22	23 8 0	52		Westminste
Henry VIII	1492	1509 April 22	37 9 6	55		Windfor
Edward VI	1537	1547 Jan. 28	6 5 8	15		Westminste
Mary I	1516	1553 July 6	5 4 11	42	Died of Grief	Westminste
Elizabeth	1533	1558 Nov. 17	44 4 7	69		Westminste
James I	1566	1603 Mar. 24	22 0 3	58		Westminste
Charles I	1600	1625 Mar. 27	23 10 3	48	Beheaded	Windfor
Charles II	1630	1649 Jan. 30	36 0 7	54		Westminste
James II	1633	1685 Feb. 6	4 0 7	67	Abdicated.	St. Germai
Mary II	1662	1689 Feb. 13	5 10 15	32		Westminste
William III	1650	1689 Feb. 13	13 0 23	52	Killed by a Fall from his Horse.	Westminste
Anne	1665	1702 Mar. 8	12 4 24	49		Westminste
George I	1660	1714 Aug. 1	12 10 10	67		Hanover
George II	1683	1727 June 11	33 4 14	77		Westminste
George III	1738	1760 Oct. 25	Croned Sept. 22, 1761:			

The Presidents of the several Hospitals of LONDON.

Robert Alsop, Esq;	} President of	{	Christ Church Hospital
Hon. Thomas Harley,			St. Bartholomew's Hosp
Sir Walter Rawlinson, Kt			Bethlem and Bridewell
Samuel Plumb, Esq;			St. Thomas's Hospital

A brief

A brief Chronology of memorable Things to the present Year 1781.

SINCE the vast Fabrick of the World was founded	5831
Since <i>Noah's</i> Flood by which the World was drowned	4173
Since Fire and Brimstone <i>Sodom</i> did destroy	3073
Since the Destruction of renowned <i>Troy</i>	2963
Since ancient <i>London</i> was by <i>Lud</i> erected	2888
Since <i>York's</i> first Plat and Building was effected	2770
Since <i>Canterbury's</i> Basis first was laid	2673
Since <i>Rome's</i> first Wings o'er <i>seveu Hills</i> were spread	2533
Since <i>Jesus Christ</i> at <i>Bethlehem</i> was born	1781
Since crucify'd with Cruelty and Scorn	1748
Since <i>England</i> first the <i>Christian Faith</i> receiv'd	1701
Since <i>London's</i> Tower was built (as 'tis believ'd)	1216
Since <i>England's</i> Conqueror this Nation won	715
Since to be built <i>Westminster Hall</i> begun	691
Since <i>London Bridge</i> was finished with Stones	572
Since the Invention of destructive <i>Guns</i>	403
Since the first Use of <i>Printing</i> was inspired	322
Since <i>St. Paul's</i> Steeple was by lightning fired	320
Since that vile Project <i>Guido Vaux's</i> Plot	320
Since th' <i>Irish</i> Massacre, not yet forgot	175
Since noble <i>Strafford</i> on the Scaffold fell	140
Since <i>Edge Hill</i> Fight, whereof loud Fame doth tell	139
Since <i>Cheapside</i> Crofs was by the <i>Saints</i> pull'd down	138
Since <i>Moses's</i> Tables were of mean Renown	138
Since <i>Newbury</i> Fight with Crimson dy'd the Field	137
Since <i>Bishop Laud</i> to sudden death did yield	138
Since <i>Charles</i> the First resign'd his Royal Head	132
Since Popish high-church Doctrines fled	132
Since <i>George Fox</i> first began the <i>Quakers</i> Sect	131
Since <i>Oliver</i> usurp'd the Power to protect	127
Since Death in terrors did for <i>Cromwell</i> call	123
Since <i>Dick</i> his Son did from his Greatness fall	122
Since <i>Charles</i> the Second to <i>Whitehall</i> return'd	121
Since some Men for't rejoic'd, and others mourn'd	112
Since many were at <i>Charing Cross</i> dissected	121
Since <i>London</i> was with the great Plague infected	116
Since <i>London's</i> dreadful Fire in <i>September</i>	115
Since the great blazing Comet in <i>December</i>	114
Since the vile Plot at <i>Rye House</i> was detected	98
Since Booths and Stalls were on the <i>Thames</i> erected	97
Since the fam'd Oate for Perjury was stripp'd	} 96
Of's Priestly Habit, and through <i>London</i> whipp'd	
Since <i>James</i> the Second did the Throne ascend	95
Since he to <i>Monmouth's</i> Treason put an End	95
Since	

A brief Chronology of memorable Things.

Since the Seven Bishops to the Tower were sent	93
Since wicked <i>Jefferies</i> thither also went	93
Since the Prince of Orange landed at <i>Torbay</i>	93
Since <i>James</i> the III ^d to <i>France</i> did make his Way	93
Since <i>William</i> and <i>Mary</i> at <i>Westminster</i> we e crown'd	92
Since War with <i>France</i> the Trumpet loud did found	92
Since such vast Numbers at the <i>Boyne</i> were slain	91
Since <i>French</i> and <i>Irish</i> Gore did <i>Aghrim</i> stain	90
Since <i>Mary</i> our Queen pale Death did surround	87
Since he gave <i>Glocster's</i> Duke a mortal Wound	81
Since Great Queen <i>Anne</i> unto the Throne ascended	79
Since War proclaimed with <i>France</i> which now is ended	79
Since the late high Wind in the Month <i>November</i>	78
Since <i>Blenbēim</i> Fight, which well the <i>French</i> remember	77
Since <i>EMES</i> the Prophet was in his Grave interr'd	74
Since his sham Resurrection plain appear'd	73
Since the <i>Two</i> Kingdoms did in <i>One</i> unite	73
Since fatal Death depriv'd Prince <i>George</i> of Sight	73
Since that fam'd Priest <i>Sacheverel</i> was try'd	71
Since that great Surgeon Serjeant <i>Barnard</i> dy'd	71
Since <i>Ormond's</i> Duke our General became	69
Since <i>France</i> gave <i>Dunkirk</i> to <i>Anne</i> our Royal Dame	69
Since <i>Hamilton's</i> Duke in Duel lost his Life	69
Since <i>ANNA's</i> Death renew'd our factious Strife	67
Since <i>Perkin</i> did the <i>Scottish</i> Realm accōt	66
Since Traitors Hopes in <i>Preston</i> Fight were lost	66
Since haughty <i>Spain</i> <i>Gibraltar</i> did blockade	54
Since at <i>Seville</i> a sham peace was made	52
Since <i>Spain</i> revok'd the Peace of <i>Seville</i>	50
Since <i>Germans</i> , <i>Dutch</i> , and <i>Britons</i> did agree	50
Since <i>Spain</i> in the <i>Vienna</i> Treaty join'd	50
Since our broad Gold was into <i>Guineas</i> coin'd	48
Since we with <i>Spain</i> an open War proclaim'd	42
Since <i>Porto Bell</i> ' was taken and unfram'd	42
Since the great Frost that starv'd both Beast and Men	42
Since <i>British</i> Valour shone at <i>Dettingen</i>	38
Since <i>Perkin</i> junior this our Realm annoy'd	36
Since brave Duke <i>William</i> this rash Scheme destroy'd	35
Since Peace proclaimed with <i>France</i> and haughty <i>Spain</i>	32
Since Trade reviv'd and flourish'd again	32
Since <i>GEORGE</i> the Second's glorious Reign was ended	21
Since <i>GEORGE</i> the Third the <i>British</i> Throne ascended	21
Since <i>GEORGE</i> the Third made bloody Wars to cease	}
All o'er the Globe, and made a ——— PEACE.	} 18

TABLE of the LORD MAYORS and SHERIFFS
of London, from the Revolution to the Year 1781.

1688	SIR John Shorter	Sir Basil Firebrass, 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	Christ. Letbulier, Esq; Sir John Houblon
1691	Sir T. Pilkington	Sir Edward Clark, Sir Francis Child
1692	Sir Thomas Stamp	William Astorff, Richard Levet, Esqrs.
1693	Sir John Fleet	Sir Thomas Lane, Sir Thomas Cook
1694	Sir William Ashurst	Sir Thomas Abney, Sir William Hedges
1695	Sir Thomas Lane	Sir John Sweetapple, Sir William Cole
1696	Sir John Houblon	Sir Edward Willis, Sir Owen Buckingham
1697	Sir Edward Clark	Sir John Wolf, Samuel Blewit, Esq.
1698	Sir Humphry Edwin	Sir Barth. Gracedieu, James Collet, Esq.
1699	Sir Francis Child	Sir William Gore, Sir Joseph Smart
1700	Sir Richard Levet	Sir Charles Duncomb, Sir Jeffery Jefferies
1701	Sir Thomas Abney	Sir Robert Beachcroft, Sir Henry Furness
1702	Sir William Gore	Sir W. Withers, Sir P. Floyer, Sir J. Bateman
1703	Sir Samuel D. Shwood	Sir Robert Bedingsfield, Sir Samuel Garrard
1704	Sir John Parsons	Sir Gilbert Heathcote, Sir Joseph Wolfe
1705	Sir O. Buckingham	Sir John Buckworth, Sir W. Humphrys
1706	Sir T. Rawlinson	Sir Charles Thorold, Sir Samuel Stanier
1707	Sir R. Bedingsfield	Sir William Benson, Sir Ambrose Crawley
1708	Sir Will. Withers	Sir Benjamin Green, Sir Charles Peers
1709	Sir Cha. Duncombe	Charles Hopson, Esq; Sir Richard Guy
1710	Sir Samuel Garrard	Sir Richard Hoare, Robert Dunc, Esq.
1711	Sir Gilbert Heathcote	Sir George Thorold, Francis Eyles, Esq.
1712	Sir Robert Beachcroft	Sir John Cast, Sir William Stewart
1713	Sir Richard Hoare	Sir William Lewen, Sir Samuel Clarke
1714	Sir Samuel Stanier	Sir Francis Forbes, Sir Joseph 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, Esq.
1718	Sir William Lewen	Sir Peter Delme, Sir Harcourt Masters
1719	Sir John Ward	Sir John Bull, Thomas Ambrose, Esq.
1720	Sir George Thorold	Sir John Eyles, Bart. Sir John Tass
1721	Sir John Fryer	Sir George Caswell, William Billers, Esq.
1722	Sir William Stewart	Sir George Mertins, Edward Becher, Esq.
1723	Sir Ger. Conyers	Humphry Parsons, Francis Child, Esqrs.
1724	Sir Peter Delme	Sir R. Hopkins, F. Feast, E. Bellamy, Esqrs.
1725	Sir George Mertins	Sir Joseph Eyles, Robert Baylis, Esq.
1726	Sir Francis Forbes	F. Porten, J. Murden, J. Thompson, Esqrs.
1727	Sir John Eyles, <i>Bt.</i>	Sir John Lock, Sir William Ogborn
1728	Sir Edward Becher	Sir John Grosvenor, Sir Thomas Lombe
1729	Sir Robert Baylis	Richard Brocas, Richard Levet, Esqrs
1730	Sir Richard Brocas	J. Barber, Esq; Sir John Williams
1731	Humph. Parsons, Esq.	John Fuller, Esq; Sir Isaac Sbard
1732	Sir Francis Child	Samuel Ruffel, Thomas Pinder, Esqrs.
1733	John Barber, Esq.	Sir Henry Hankey, Robert Alsop, Esq.
1734	Sir William Billers	Robert Wesley, Daniel Lambert, Esqrs.
1735	Sir Edward Bellamy	Micajah Perry, Esq. Sir John Salter

A List of Lord Mayors and Sberiffs, &c.

- 1737 Sir John Thontpson
 1738 Sir John Barnard
 1739 Micajah Perry, Esq;
 1740 Sir John Salter
 1741 Humph. Parsons, Esq. }
 1741 Sir Daniel Lambert }
 1742 Sir Robert Godschall }
 1742 Geo. Heathcote, Esq; }
 1743 Sir Robert Willimot }
 1744 Sir Robert Westley }
 1745 Sir Henry Marshall }
 1746 Sir Richard Hoare }
 1747 William Benn, Esq; }
 1748 Sir Robert Ladbroke }
 1748 Sir William Calvert }
 1750 Sir Samuel Pennant }
 1751 John Blachford, Esq; }
 1751 Francis Cockayne, Esq; }
 1752 T Winterbottom, Esq }
 1752 Robert Alsop, Esq; }
 1753 Sir Crisp Gascoyne }
 1754 Edw. Ironside, Esq; }
 1754 G. Rawlinson, Esq; }
 1755 Step. The. Janssen, Esq. }
 1756 Slingsby Bethell, Esq; }
 1756 Marsh Dickenson, Esq. }
 175 Sir Charles Afgill }
 1759 Sir Richard Glynn }
 1760 Sir Thomas Chitty }
 1761 Sir Matthew Blakiston }
 1762 Sir Sam. Fludyer, Bart. }
 1762 William Beckford, Esq. }
 1762 William Bridgen, Esq; }
 1762 Sir William Stephenson }
 1766 George Nelson, Esq; }
 1767 Sir Robert Kite }
 1768 Hon. Thomas Harley }
 1768 Samuel Turner, Esq; }
 1770 Wm. Beckford, Esq; }
 1770 Bar. Trecothick, Esq; }
 1771 Braf Crosby, Esq; }
 1771 William Nash, Esq; }
 1772 James Townshend, Esq; }
 1772 Frederick Bull, Esq; }
 1773 John Wilkes, Esq; }
 1776 John Sawbridge, Esq; }
 1777 Sir Thomas Halifax }
 1778 Sir James Esdaile }
 1779 Samuel Plumb, Esq; }
 1780 Brackley Kennett, Esq; }
 781 Sir Watkin Lewes, Kt. }
 Sir William Rous, Benjamin Rawlin, Esq.
 Sir G. Champion, T. Russel, Esq; Sir R. Cater
 James Brook, William Westbrook, Esq.
 George Heathcote, Esq. Sir J. Le Quefne
 Henry Marshall, Richard Hoare, Esqrs.
 Robert Willimot, William Smith, Esqrs.
 William Benn, Charles Egleton, Esqrs.
 Robert Ladbroke, Wilham Calvert, Esqrs.
 Valter Barnard, Samuel Pennant, Esqrs.
 John Blachford, Francis Cockayne, Esqrs.
 Thomas Winterbottom, Robert Alsop, Esqrs.
 Crisp Gascoyne, Edward Davis, Esqrs.
 Thomas Rawlinson, Edward Ironside, Esqrs.
 William Whitaker, Stephen Theodore Janssen,
 Esqrs.
 William Alexander, Robert Scott, Esqrs.
 Slingsby Bethell, Marste Dickenson, Esqrs.
 Sir Charles Afgill, Sir Richard Glynn
 Thomas Chitty, Matthew Blakiston. Esqrs.
 Sir Samuel Fluyder, Sir John Torriano
 William Beckford, Iwe Whitbread, Esqrs.
 William Bridgen, William Stephenson, Esqrs.
 George Nelson, Francis Gosling, Esqrs.
 George Dandridge, Alexander Masters, Esqrs.
 George Errington, Paul Vaillant, Esqrs.
 Sir Robert Kite. Sir William Hart
 Sir Nathaniel Nash, Sir John Cartwright
 Sir Thomas Challener, Sir Henry Banks
 Hon. Thomas Harley, Richard Blunt, Esq.
 Braf Crosby, Esq; Sir Thomas Harris
 B. Kenne, B. Charwood, B. Trecothick, Esqrs
 Sir Robert Darling, Sir James Esdaile
 Richard Peers, William Nash, Esqrs.
 Thomas Halifax, John Shakespear, Esqrs.
 James Townsend, John Sawbridge, Esqrs.
 William Baker, Joseph Martin, Esqrs.
 John Wilkes, Fredrick Bull, Esqrs.
 Richard Oliver, Esq. Sir Watkin Lewes
 Stephen Sayre, William Lee, Esqrs.
 William Plomer, John Hart, Esqrs.
 George Hayley, Nathaniel Newnham, Esqrs.
 Samuel Plumb, Nathaniel Thomas, Esqrs.
 Robert Peckham, Richard Clarke, Esqrs.
 John Burnell, Henry Kitchen, Esqrs.
 Thomas Wright Ewan Pugh, Esqrs.
 Thomas Sainbury, William Cribton, Esqrs.

A CATALOGUE of the Most Reverend, Right Reverend,
and Reverend, the Archbishops, Bishops and Deans
exercising Ecclesiastical Jurisdiction in England, 1781.

<i>Archbishops.</i>	<i>Deans Names.</i>	<i>Sees Names.</i>
H. Dr. Fr. Cornwallis	H. J. Cornwallis, LL D.	Canterbury
Dr. Wm. Markham	Dr. John Fountayne	York
<i>Bishops.</i>		
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. William Cooke	Ely
Sir Wm. Ashburnham	Dr. Charles Harward	Chichester
Dr. John Hume	Dr. Rowney Noel	Salisbury
Dr. Philip Yonge	Dr. Philip Lloyd	Norwich
Dr. Thomas Newton	Dr. Cutts Barton	Bristol
Dr. Charles Mofs	Lord Fran. Seymour	Bath and Wells
Dr. Jonathan Shipley	Mr. Shipley	St. Asaph
Dr. Edmund Law	Dr. Thomas Wilson	Carlise
Hon. Dr. S. Barrington	Dr. Adams, Archdea.	Landaff
Dr. John Hinchcliffe	Dr. Tarrant	Peterborough
Hon. D. Brownl North	Dr. Foley	Worcester
Hon. Dr. James Yorke	Dr. Josiah Tucker	Gloucester
Dr. John Thomas	Dr. Richard Cuff	Rocheſter
Dr. Richard Hurd	Dr. Proby	Lichfield & Coventry
Dr. John Moore	Dr. Thomas Lloyd	Bangor
Dr. Beilby Porteus	Dr. William Smith	Cheſter
Dr. John Butler	Dr. Lewis Bagot	Oxford
Dr. John Rofs	Dr. Jeremiah Mills	Exeter
Dr. Thomas Thurlow	H. Dr. James Yorke	Lincoln
Dr. John Warren	Mr. Wollaſton, Prec.	St. David's
	Dr. John Thomas	Westminſter
Dr. George Maſon		Sodor and Man
	Hon. John Harley	Windſor

The Names of the Learned Judges in the Law.

- I. The Rt. Hon. Ed. Lord Thurlow, Lord High Chancellor of G. Britain
Rigt. Hon. Sir Thomas Sewell, Knt. Maſter of the Rolls.
- II. In the { Rt. Hon. W. Earl of Mansfield, L.C.J. Edw. Willes, Eſq.
K. Bench { Sir Wm. Henry Aſhurſt, Knt. Fran. Buller, Eſq.
- III. In the { R. Hon. Al. Lord Loughborough, L.C.J. H. Gould, Eſq.
Co. Pleas. { Sir Geo. Nares, Knt. John Heath, Eſq.
- IV. In the { Sir John Skynner, Knt. L.C.B. Sir James Eyre Knt.
Exchequer. { Sir Beaumont Hoſham, Knt. Sir Rich. Perryn, Kt.
James Wallace, Eſq. Att. Gen. James Mansfield, Eſq. Sollic. Gen.

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

	<i>s. d.</i>
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 <i>St. James's</i> , or <i>City of Westmin.</i> except beyond <i>Tot-hill-st.</i>	1 0
From the Inns of Court, or thereabouts, to the <i>Royal Exc.</i>	1 0
From any of the Inns of Court to the <i>Tower</i> , <i>Aldgate</i> , <i>Bishopsgate-street</i> , 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*

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. Alsop, Esq; Great Malbro' str.	<i>Bridge Ward without</i>
*Rt. Hon. Tho. Harley, Aldersgate-ti.	<i>Portoken Ward</i>
*Bras Crosby, Esq; Surry street	<i>Bread-street Ward</i>
*James Townsend, Esq; Austin Friars	<i>Bishopsgate Ward</i>
*Fred. Bull, Esq; King-str. Cheapside	<i>Queenhithe Ward</i>
*John Wilkes, Esq; Princes-court	<i>Farringdon without</i>
*J. Sawbridge, Esq; N. Burlington-st	<i>Langhourn Ward</i>
*Sir Thomas Halifax, Birchin-lane	<i>Aldersgate Ward</i>
*Sir James Esdaile, Bunhill-row	<i>Cripplegate Ward</i>
James Adair, Esq;	<i>Recorder</i>
Samuel Plumbe, Esq; Foster-lane	<i>Castle Baynard Ward</i>
Brackley Kennett, Esq; Pall mall	<i>Cornbill Ward</i>
Sir Watkin Lewes, Knt. Cecil-street	<i>Lime-street Ward</i>
William Plomer, Esq; at Aldgate	<i>Bassishaw Ward</i>
Nathaniel Thomas, Esq. Bridge-street	<i>Walbrook Ward</i>
Robert Peckham, Esq; Austin Friars	<i>Coleman-street Ward</i>
George Hayley, Esq; Great Ayliff-str.	<i>Cordwainers Ward</i>
Nath. Newnham, Esq; Botolph-lane	<i>Vintry Ward</i>
Richard Clark, Esq;	<i>Broad street Ward</i>
Thomas Wooldridge, Esq;	<i>Bridge Ward within</i>
John Hart, Esq; Thames-street	<i>Downgate Ward</i>
Thomas Wright, Esq;	<i>Candlewick Ward</i>
Evan Pugh, Esq; Bishopsgate-street	<i>Tower Ward</i>
Thomas Sainsbury, Esq;	<i>Billingsgate Ward</i>
Henry Kitchen, Esq;	<i>Farringdon within</i>
John Burnell, Esq.	<i>Aldgate Ward</i>
William Crichton, Esq.	<i>Cheap Ward</i>

Thomas Sainsbury, Esq; }
William Crichton, Esq; } *Sheriffs.*

John Wilkes, Esq; *Chamberlain.*

Thomas Nugent, Esq; *Common Serjeant.*

William Rix, Esq; *Town Clerk.*

Rates

Rates for Hackney Coaches, &c.

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

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

Drury-lane Playhouse to Queen's-square, Westminster
Westminster-hall to St. Paul's Church
Westminster-hall to Queen's-square, Red-lion-fields
St. James's-gate to Hatton-garden
New Exchange in the Strand to the Royal Exchange
From the Haymarket Playhouse to Hatton-garden
Westminster-hall to Red-lion-square
St. James's to Marybone Church
The Royal Exchange to Bloomsbury-square
The Royal Exchange to the Watch-house, Mile-end
The Outside of Aldgate to Stepney Church
Bedford-street, Covent-garden, to Coleman-street
Bread-street to Hoxton-square
Middle of Broad-street to Hart-street, Bloomsbury-market
St. Martin's-lane, in the Strand, to Gold-street, by Wood-st.
Middle of Gracechurch-street to Somerset-house
Guildhall to Brownlow-street, 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 Distances not exceeding one Mile.

From Westminster-hall to Covent-garden
Westminster-hall to Exeter 'Change
St. James's-gate through the Park to Westminster-hall
Haymarket Playhouse to the Entrance of Lincoln's-fields
Haymarket Playhouse to Bolton-street
St. James's-gate to Somerset-house
Somerset-house to the Upper End of Hatton-garden

Rates of Watermen, &c.

Haymarket Playhouse to Essex-street

Haymarket Playhouse to Soho-square

The nearest Corner of Golden-square to Drury-lane Playhouse.

Note, That Hackney Chairmen are obliged to go the same Distances for 1s 6d which the Coaches perform for 1s.

And if any Hackney Coachman or Chairman shall refuse to go at, or exact more for Hire than the Rates hereby limited, he shall, for every such Offence, forfeit 40s.

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

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

	Oars	Sculs
	s. d. s. d.	s. d. s. d.
From London-bridge to Limehouse, 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 Billingsg. St Olave's, to St Saviour's Mill	0	6 0 3
Any Stairs between London-bridge & Westm.	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, Dorset, and Black-friars Stairs, or Paul's-wharf, to Lambeth ———	0	8 0 4
Over the Water directly between Vauxhall and Limehouse ———	0	4 0 2

The Rates of Oars.

Down the River.

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

Rates of Watermen, &c.

<i>Up the River.</i>		<i>Whole</i>	<i>Com-</i>
		<i>Fare.</i>	<i>pany</i>
		<i>s. d.</i>	<i>s. d.</i>
<i>From London to</i>	Chelsea, Battersea, Wandsworth _____	1 6 0	3
	Putney, Fulham, Barn-Elms _____	2 0 0	4
	Hammermith, Chiswick, Mortlake _____	2 6 0	6
	Brentford, Isleworth, Richmond _____	2 6 0	6
	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
Windfor _____	14 0 1	4	

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

A half Firkin _____	0 1
Whole Firkin _____	0 2
Hogshead _____	2 0
One Hundred Weight of Cheefe, 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 40s. and suffer half a Year's Imprisonment.

Directions for passing and repassing on the Waterabout 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 GENERAL INTEREST TABLE.

Which the Interest of any Sum, at any Rate, and for any Time, may be readily found.

3 per cent.				$3\frac{1}{2}$ per cent.				4 per cent.				$4\frac{1}{2}$ per cent.				5 per cent.			
l.	s.	d.	q.	l.	s.	d.	q.	l.	s.	d.	q.	l.	s.	d.	q.	l.	s.	d.	q.
1		1	3			2	1			2	2			3	0			3	1
2		3	3			4	2			5	1			6	0			6	2
3		5	3			6	3			7	3			8	3			9	3
4		7	3			9	0			10	2			11	3			1	10
5		9	3			11	2			1	1	1		1	2	3		1	4
6		11	3			1	1	3		1	3	3		1	5	3		1	7
7	1	1	3			1	4	0		1	6	1		1	8	3		1	11
8	1	3	3			1	6	1		1	9	0		1	11	3		2	2
9	1	5	3			1	8	2		1	11	2		2	2	2		2	5
10	1	7	2			1	11	0		2	2	1		2	5	2		2	8
11	3	3	1			3	10	0		4	4	2		4	11	1		5	5
12	4	11	0			5	9	0		6	6	3		7	4	3		8	2
13	6	6	3			7	8	0		8	9	0		9	10	1		10	11
14	8	2	2			9	7	0		10	11	2		12	3	3		13	8
15	9	10	1			11	6	0		13	1	3		14	9	2		16	5
16	11	6	0			13	5	0		15	4	0		17	3	1		19	2
17	13	1	3			15	4	0		17	6	1		19	8	3		1	11
18	14	9	2			17	3	0		19	8	2	1	2	2	1		4	7
19	16	5	1			19	2	0		1	11	0	1	4	8	0		7	4
20	1	12	10	2	1	18	4	1	2	3	10	0	2	9	3	3		2	14
21	2	9	3	3	2	17	6	1	3	5	9	0	3	13	11	3		4	2

N. B. This Table contains the Interest of 100l. for all the several days in the 1st column, and at the several rates of $3\frac{1}{2}$, 4, $4\frac{1}{2}$, and 5 per cent. in the other 5 columns.

To find the interest of 100l. for any other time, as 1 year and 278 days, at $4\frac{1}{2}$ per cent. Take the sums for the several days, as here annexed.

The inter. for 1 year	4 10 0 0
Against 200 ds. is	- 2 9 3 3
----- 70 ds. —	0 17 3 1
----- 8 ds. —	0 1 11 1
Interest required	- 7 18 6 3

For any other Sum than 100l. First find for 100l. as above, and make it so many times or parts as the sum is of 100l. Thus, to find for 355l. at $4\frac{1}{2}$, for 1 year and 278 days;

First, 3 times the above sum, (for 300l.) is	- 23 15 8 1
$\frac{1}{2}$ (for 50l.) is	- 3 19 3 1
$\frac{1}{10}$ of this (for 5l.) is	0 7 11 0

So for 355 it is	- 28 2 10 2

When the interest is required for any other rate than those in the table, it may easily be made out from them. So $\frac{1}{2}$ of 5 is $2\frac{1}{2}$, $\frac{1}{2}$ of 4 is 2, $\frac{1}{2}$ of 3 is $1\frac{1}{2}$, $\frac{1}{3}$ of 3 is 1, 1.6th of 3 is $1\frac{1}{2}$, and 1.12th of 3 is $\frac{1}{4}$: and so, by parts, or by adding or subtracting, any rate may be made out.

HOLIDAYS kept at the *Exchequer, Bank, Stamp-Office, Excise-Office, East-India and South-Sea Houses*, in 1781, viz.

January 1, 6, 19, 25, and 30	July 25
February 2 and 24	August 1, 12, and 24
March 25	September 2, 18, 21, 22, 29
April 23 and 25	October 18, 25, 26, and 28
May 1 and 29	Nov. 1, 4, 5, 9, 17, and 30
June 4, 11, 24, and 29	Dec. 21, 25, 26, 27, and 28

Shrove-Tuesday, Ash-Wednesday, Good-Friday, Easter-Monday, Tuesday, and Wednesday, Ascension-Day, Whit-Monday, Tuesday, and Wednesday.

Note, At the Custom-House, Shrove Tuesday, Easter-Wednesday, Sept. 18, Oct. 25, and Nov. 17, are not kept Holidays.

Feb. 14, March 1, July 15, August 11, Sept. 14, and Nov. 2, are kept at the Exchequer and Excise-Office.

TRANSFER DAYS at the BANK. DIVIDENDS due

Stock, Tuesday, Thursday, Friday	— } April 5
3 per cent. reduc. Tu. Wed. Th. and Fr.	} October 10
3 per cent. 1726, Wedn. and Saturday	} January 5
3 per cent. conf. Tu. Wed. Th. and Fr.		} July 5
3½ per cent. 1758, Tu. Wed. Th. and Fr.	} April 5, Oct. 10
4 per cent. conf. Tu. Wed. Th. and Fr.		} Jan. 5, July 5
Long Annuity, Wednes. and Saturday	

Hours for buying, selling and transferring, from 11 to 1;
for accepting, from 9 to 5; for payment of dividends,
from 9 to 11, and from 1 to 3, every day in the Week.

At the SOUTH-SEA House.

Stock, Monday, Wednesday, and Friday	Jan. 5, July 5
3 per cent. Old Ann. Mo. Wed. and Fr.	April 5, Oct. 10.
3 per cent. New Ann. Tu. Th. and Sat.	} January 5
3 per cent. 1715, Tuesday and Thursday	} July 5

Hours of transferring, from 12 to 1; for receiving dividends,
from 9 to 12.

EAST-INDIA House

Stock, Tuesday and Thursday	- - Jan. 5, July 5
3 per cent. Ann. Mond. Wednes. and Fr.	April 10, Oct. 10

Hours of transferring, from 11 to 1; payment of dividends,
from 9 to 12, every day.

Interest on India Bonds due. March 31, September 30.