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Title	1687. Apollo Anglicanus = the English Apollo, assisting all persons in the right understanding of this years revolution, as also of things past, present, and to come : with necessary tables plain and useful. A twofold kalendar, viz. Julian or English, Gregorian or forein computations, more plain and full than any other, with the rising and setting of the sun, the nightly rising and setting of the moon, and also her southing, exactly calculated for every day. Of general use for most men, being the third after bissextile or leap-year : to which is added the moons application to the fixed stars with the calculations of the eclipses : also rules and tables for the measuring of timber, with many other things both pleasant, useful and necessary. Calculated according to art, and fitted to the meridian of Leicester, whose latitude is 52 degrees, 41 minutes exactly fitting all the middle counties of England, and without sensible error the whole kingdom
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1687.

Apollo Anglicanus,

THE
ENGLISH APOLLO

Assisting
All Persons in the right Understanding

ing of this Years Revolution, as also of
things past, present, and to come.

With necessary Tables plain and useful.

A twofold Kalendar, viz. Julian or English,
Gregorian or Foreign Computations, more plain and
full than any other, with the Rising and Set-
ting of the Sun, the nightly Rising and Setting of the
Moon, and also her Southing, Exactly calculated
for every day. Of general use for most men.

Being the Third after Bissextile or Leap-Year.

To which is added the Moons application to the
fixed Stars: With the Calculations of the Eclipses: also
Rules and Tables for the measuring of Timber: with many
other things both pleasant, useful and necessary.

Calculated according to Art, and fitted to the
Meridian of Leicester, whose Latitude is 52 Degrees, 11 Mi-
nutes Exactly fitting all the middle Counties of England,
and without sensible error the whole Kingdom.

By RICHARD SAUNDERS.

Student in the Physical-Cælestiæ Sciencies.

LONDON, Printed by **M. Clark** for the
Company of **Stationers** 1687.

The Julian or old Account used in Engl. { 1687. } The Gregorian or New Style used beyond Sea.

16	The Golden Number.	16
W	The Dominical Letters	W
26	The Epact.	26
February	Shrove Sunday.	February
May	Ascension-Day.	May
May	Whit-Sunday.	May
November	Advent-Sunday.	November

A Table of the four Terms and their Returns, &c.

Hilary-Term begins January 24. ends February 12.

Octab. Hillar. Jan.	20	January 21	Jan.	22	Jan.	24
Quind. Hillar. Jan.	27	January 28	Jan.	29	Jan.	31
Craftin. Purif. Feb.	3	February 4	Febr.	5	Febr.	7
Octab. Purif. Feb.	10	February 11	Febr.	11	Febr.	12

Easter Term begins April 13. ends May 9.

Quind. Pasch. Apr.	11	April	12	April	1	April	13
Tres Pasch. April	18	April	19	April	2	April	21
Mens. Pasch. Apr.	25	April	26	April	27	April	28
Quinq. Pasch. May	2	May	3	May	4	May	5
Craft. Ascens. May	6	May	7	May	7	May	9

Trinity Term begins May 27. ends June 15.

Craft. Trin. May	23	May	24	May	25	May	27
Octab. Trin. May	30	May	31	June	1	June	2
Quind. Trin. June	6	June	7	June	8	June	9
Tres Trin. June	13	June	14	June	14	June	15

Michaelmas Term begins Octob. 24. ends Novemb. 28.

Tres Mich. Octob.	20	Octob.	21	Octob.	22	October	24
Mens. Mich. Octob.	27	Octob.	28	Octob.	29	October	31
Craft. Anim. Nov.	3	Novemb.	4	Novemb.	4	Novemb.	7
Craft. Mart. Nov.	12	Novemb.	14	Novemb.	14	Novemb.	15
Octab. Mart. Nov.	19	Novemb.	21	Novemb.	21	Novemb.	22
Quind. Mart. Nov.	26	Novemb.	26	Novemb.	28	Novemb.	28

A Table of the Kings and Queens of England since the Conquer.

Kings and Queens name ^{s.}	Born Anno	Began to reign.	Reigned Y. M	Since their Reigns ended.	Buried at
William I	1029	1066, Oct. 14	20 11	600, Septem. 9	Caen No.
William II	1056	1087, Sep.	9 12 11	587, August 2	Winches.
Henry I	1068	1100, Aug.	2 35 4	52, Decem. 1	Reding
Stephen	1105	1135, Dec.	1 18 11	533, Octob. 12	Feverish.

The Saxon Line restor'd.

Henry	2	1132	1154, Oct. 12	35	9 498, July	6	Fountever
Richard	1	1155	1189, July	6 9	9 488, April	6	Fountever
John	1	1165	1199, April	6 17	6 471, Octob. 19	Worcester	
Henry	3	1207	1216, Oct. 19	56	1 415, Nov. 16	Westmin.	
Edward	1	1239	1272, No. 16	34	8 38, July	7	Westmin.
Edward	2	1283	1307, July 7	19	6 361, Jan. 25	Glocester	
Edward	3	1312	1326, Jan. 25	51	5 310, June 21	Westmin.	
Richard	2	1356	1377, Jun. 21	22	3 288, Septe. 29	Westmin.	

The Line of Lancaster.

Henry	4	1367	1399, Sep. 29	13	6 274, Mar. 20	Canterb.	
Henry	5	1384	1412, Mar. 20	9	5 265, Aug. 31	Westmin.	
Henry	6	1421	1422, Aug. 31	38	6 227, Mar. 4	Windsor	

The Line of York.

Edward	4	1442	1460, Mar. 4	23	1 204, April	9	Winchest.
Edward	5	1471	1483, Apr. 9	0	1 204, June 18	Not kno.	
Richard	3	1448	1483, Jun. 18	2	2 202, Aug. 22	Leist. (w.	

The Families United.

Henry	7	1455	1485, Aug. 22	23	8 179, April 22	Westmin.	
Henry	8	1491	1509, Apr. 22	37	10 140, Jan. 28	Windsor	
Edward	6	1537	1547, Jan. 28	6	5 134, July 6	Westmin.	
Qu. Mary	1518	1553, July 6	5	4 129, Nov. 17	Westmin.		
Qu. Elizab.	1533	1558, No. 17	44	4 85, March 24	Westmin.		

The Union of the two Kingdoms.

James	1	1565	1602, Ma. 24	22	0 68, March 27	Westmin.	
Charles	1	1600	1625, Ma. 27	23	1 1 38, Janu. 30	Windsor	
Charles	2	1630	1648, Jan. 30	36	0 2, Februar. 6	Westmin.	
James	2	1612	1684, Feb. 6		Whom God grant long to live.		

When David reign'd, as th' Scriptures do us tell,
 Proud Absalom, and great Achitophel
 Did live and plot; and also in those days
 Were other Plottings, such as was Sheba's
 Conspiracy: (Methinks in this our age,
 Men much like th' se have passed o'er the Stage.)
 As these did speed in what they did, say I
 Let all that strive, like them to live, so dye:

A Table shewing the hour and minute of the
Moons coming to the South every day the first
six Months of this Year, 1687.

Days	Jan.		Febr.		March		April		May		June	
	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
1	9	33	11	15	9	57	11	32	12	0	1	A. 18
2	10	34	12	15	10	54	21	23	12	52	2	10
3	11	36	1 A.	12	11	50	1 A.	15	1	A. 46	2	0
4	12	38	2	4	12	44	2	7	2	39	3	41
5	1 A.	38	2	55	1 A.	38	3	0	3	31	4	27
6	2	34	3	45	2	30	3	52	4	21	5	8
7	3	27	4	32	3	22	4	44	5	8	5	50
8	4	18	5	21	4	14	5	34	5	52	6	30
9	5	7	6	11	5	5	6	23	6	33	7	12
10	5	53	7	2	5	55	7	12	7	15	8	56
11	6	40	7	52	6	45	8	0	8	0	8	44
12	7	28	8	41	7	35	8	44	8	41	9	36
13	8	18	9	30	8	22	9	24	9	25	10	30
14	9	10	10	18	9	8	10	2	10	11	11	30
15	10	0	11	4	10	52	10	46	11	2	12	32
16	10	48	11	48	10	36	11	32	11	57	0	M. 32
17	11	34	12	30	11	18	12	19	12	55	1	34
18	12	20	0	M. 30	12	0	0	M. 19	0	M. 55	2	34
19	0	M. 20	1	12	0	M.	0	1	12	1	53	3
20	1	5	1	54	0	44	2	8	2	53	4	22
21	1	48	2	38	1	30	3	4	3	53	5	12
22	2	30	3	24	2	18	4	2	4	48	6	0
23	3	12	4	12	3	9	5	2	5	41	6	48
24	3	54	5	4	4	4	6	0	6	31	7	38
25	4	40	6	2	5	2	6	54	7	18	8	32
26	5	30	7	0	6	0	7	45	8	6	9	26
27	6	20	8	0	7	0	8	36	8	56	10	14
28	7	12	9	0	7	56	9	26	9	48	11	1
29	8	8			8	53	10	16	10	40	11	54
30	9	10			9	48	11	5	11	33	12	46
31	10	14			10	40			12	26		

The Moons Southing for every day of the last
Six Months of this Year 1687.

Days	July	August	Septemb.	October	Novemb.	Decemb.
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	1 A. 34	2 A. 22	3 20	4 0	5 42	6 5
2	2 18	3 2	4 6	4 54	6 35	6 54
3	3 0	3 42	4 56	5 50	7 27	7 42
4	3 41	4 26	5 54	6 47	8 18	8 32
5	4 22	5 12	6 52	7 42	9 9	9 24
6	5 2	6 4	7 51	8 36	10 0	10 17
7	5 45	7 4	8 50	9 32	10 53	11 15
8	6 31	8 6	9 48	10 26	11 47	12 12
9	7 20	9 4	10 44	11 20	12 40	0 M. 12
10	8 12	10 0	11 38	12 12	0 M. 40	1 4
11	9 10	11 0	12 32	0 M. 12	1 36	1 52
12	10 8	12 0	0 M. 32	1 6	2 31	2 40
13	11 8	0 M. 0	1 26	2 0	3 24	3 26
14	12 10	0 55	2 18	2 56	4 14	4 10
15	0 M. 10	1 48	3 10	3 53	5 0	4 52
16	1 9	2 40	4 4	4 45	5 46	5 32
17	2 8	3 30	5 0	5 35	6 30	6 13
18	3 5	4 22	5 56	6 23	7 10	6 53
19	4 0	5 14	6 50	7 10	7 50	7 34
20	4 50	6 7	7 40	7 55	8 32	8 20
21	5 34	7 0	8 26	8 38	9 16	9 11
22	6 22	7 50	9 10	9 19	10 0	10 8
23	7 14	8 38	9 53	10 0	10 50	11 5
24	8 8	9 24	10 35	10 43	11 40	12 3
25	9 0	10 10	11 18	11 27	12 35	1 A. 0
26	9 50	10 55	12 0	12 13	1 A. 30	2 56
27	10 40	11 40	12 44	1 A. 2	2 28	2 50
28	11 28	12 28	1 A. 27	1 55	3 26	3 44
29	12 14	1 A. 10	2 12	2 50	4 20	4 34
30	12 56	1 52	3 4	3 50	5 14	5 24
31	1 A. 40	2 36	4 4	4 46	6 15	

To find the time of High-water in most Coasts of England.

First seek the Moons Southing on the foregoing Table for your day, for then you may conclude it High-water at Southampton, Quinborough, and Portsmouth, for there the South and North Moons make a High-water. But when you desire the time of full Sea in any of the following Coasts in the ensuing Table, find the name of the place, and see how many hours and Minutes be annexed thereunto in the Column under H. M. which added to the time of the Moons coming to South, gives you the time of High-water for the place required.

Tide A Table, with the names of the Havens.

	H.	M.
Rochester, Malden, Aberdeen,	0	45
Gravesend, Romney, Ramkinst,	1	30
London, Timmouth, Hartlepool,	3	0
Frib, Leith, Dunbar, Narbon,	4	30
Newcastle, Falmouth, Humber,	5	15
Lyn, Antwerp, Plymouth, Hull,	6	0
Bristol, Lanion, Foulness,	6	45
Milford, Bridgwater, North-coast,	7	30
Portland, Peterport, Hartflew,	8	15
Dover, Tarmouth, Harwich, Dublin,	10	30
Callice, Rye, Winchelsey, Calfoot,	11	15

Example.

The 27. of Apr. this Year it is required to know the time of High-Water at London: by the Tab. of the Moons Southing over against the 22. of April, I find the Moon South at 4 hours, 2 m. in the Morning: then in the Tide-Table, against London, I find 3 hours 0 minutes, which added to 4 hours 2 minutes, makes 7 hours 2 minutes, being the time of High-water at London the 22. day of April in the Afternoon. So of any other.

NOTE, That the Tide floweth one point of the Compass more at the New and Full of the Moon, than at the First and Last Quarters: as also the Latitude of the Moon and Wind, may alter it an hour sooner or later.

Directions for the Subsequent Diary or Almanack.

In the first Column to the left hand on the left-hand Page you have the Numerical Figures of the days of the Month.

In the second Column you have the week days, and the Dominical Letter.

In the third Column you have the Saints days, and the places of the Planets once a Month; as also the Moons application to the fixed Stars, by which the Asterisms and Constellations may be easily known to an Ingenious eye and understanding.

In the fourth Column the Moons place in the Zodiack every day at noon.

In the fifth Column the Rising and Setting of the Moon, with respect to her Latitude.

In the sixth Column the Mutual Aspects of the Planets, with the general state of the Weather.

In the first Column on the Right hand Page you have the English Account.

In the second Column you have the Roman Account.

In the third Column the Roman Week days.

In the fourth Column the perfect Roman Kalendar and Saints days.

In the fifth Column you have Poetical Stories of the fixed Stars and Constellations, shewing the reason why such various Figures are placed in Heaven.

The sixth, seventh, and eight Columns, the utmost to the Right hand, shew you the daily Rising and Setting of the Sun.

A D V E R T I S E M E N T.

Those highly approved, and only true Spirit of Scurvy-Grass, both plain and golden, famous for the Cure of the Scurvy, Dropsey, and several other general Distempers, are exactly and faithfully prepared by Martha Hooker, Executrix of Mr. Robert Bateman, at his House in Pauls-Chain, near Doctors Commons, London; Price 1s. each Bottle, the Bottles being sealed with his Coat of Arms, the Half-Moon and Ermins, with printed Directions to each Bottle, which is to prevent your being cheated with Counterfeits which are lately started up, which notwithstanding all the late pretences, our own experience tells us that these are the True Spirits.

January hath xxxi. days.

- New Moon the 3 day, 30 min. past 8 at night.
- First quarter the 10 day, at 1 in the afternoon.
- Full Moon the 18 day, 45 min. past Noon.
- Last quarter the 26 day, at 1 in the Afternoon.

1	a	New years day	sagit. 19	5	M. 42	windy at the be-
2	B	2 Sun. p. Christ.	capri. 4	7	2	* ♂ ginning
3	c	3 n. Vult. 12.	capri. 19	New	1	with moisture
4	d	4 n. Swans wi.	aqua. 4	4	A. 32	♂ ♀ probabl.
5	e	5 n. left. sh. now	aqua. 19	5	4	* ♂ ♀ now &
6	f	Epiphany	pisc. 4	7	30	♂ ♀ ♀ plenty
7	g	7 h 12	pisc. 19	3	52	thereof, & right
8	a	8 ♀ 7 15	aries 3	10	12	cold winterly
9	W	9 Sun. past Epiph.	aries 17	11	4	weather for some
10	C	10 Sol in Aquar.	taur. 1	1	10	* ♂ ♀ days ;
11	D	11 ♂ m 29	taur. 13	1	M. 10	but about this
12	e	12 ♀ now 0	taur. 26	2	32	time 'tis hoped
13	f	13 Hillary	gem. 8	3	46	we may have a
14	g	14 ♀ now 16	gem. 21	5	4	more temperate
15	a	15 Ω now 27	canc. 3	6	10	season, which
16	W	16 2 past Epiph.	canc. 15	7	0	may continue
17	C	17 D n. Alsellus	canc. 27	7	30	without much
18	D	18 D n. Hydra He	leo 9	Full	1	alteration till af-
19	e	19 D n. Cor leonis	leo 21	5	A. 5	ter the Full
20	f	20 D n. le Ku. Leo	virgo 3	6	16	Moon; then we
21	g	21 D n. Lions Tail	virgo 15	7	28	△ ♂ h may ex-
22	a	22 D n. Virde niat	virgo 27	3	40	△ h ♀ pecccold
23	B	23 Septuagesim.	libr. 5	2	54	& moist weath.
24	C	24 Term begins	libr. 21	11	12	♂ ♂ ♀ & about
25	D	25 Conv. S. Paul	cor. 4	12	31	the 26, or 27
26	e	26 D n. Nor. Ball.	scor. 17	5	M. 31	day windy and
27	f	27 D n. le. Ku. Oph.	agit. 7	1	50	* ♂ ♀ * ♀ ♀
28	g	28 D n. Head Oph.	agit. 13	3	8	stormy, also a
29	a	29 D n. R. shou. Oph.	agit. 27	1	28	sharp air to the
30	B	30 B. Char. I. Mar.	apr. 17	5	44	end of the
31	C	31 D n. Bri. * Vul	capr. 27	5	45	month.

JANUARY, 1687.

Rom. Sts.	Days.	Rom. Kalenda.	For. Accompt	Saturn riseth betwixt 10 and 11 at night, and is South betwixt 4 and 5 in the morning.				
				Jupiter riseth about break of day.				
Mars riseth a little before day.								
1	11	D	Hyginus	Aldebaran, the South	1	8	7	3
2	12	E	1 S. past Ep.	eye of the Bull, being a	2	5	5	5
3	13	F	Hillary	great red star, and fol-	3	4	5	6
4	14	G	Felix	lowing the 7 Stars, is	4	2	5	8
5	15	A	Maurus	South about 3 quarters	5	8	1	3
6	16	B	Marcellus	past 8 at night, and sets	5	7	59	4
7	17	C	Anthony	about 4 in the morning.	7	58	4	2
8	18	D	Prilca	This Star with 4 other,	3	57		3
9	19	E	2 aft. Epiph.	making the form of the	2	55		5
10	20	F	Fab. Seb.	Roman Letter V, are	10	53		7
11	21	G	Agnes	called Hyades, and are	11	52		8
12	22	A	Vincent	feigned by the Poets to	12	50		10
13	23	B	Emerent	be the Daughters of At-	13	49		11
14	24	C	Timothy	las, who bewailing the	14	47		13
15	25	D	Conv. S. Paul	death of their Broth. Hy-	15	46		14
16	26	E	Septuages.	as, died for sorrow, and	16	44		16
17	27	F	Chrysofto.	were afterward plac'd in	17	43		17
18	28	G	Car. Mag.	Heaven for a memorial	18	41		19
19	29	A	Samuel	of their great love to their	19	39		21
20	30	B	Apollon.	Broth. The 7 Stars also	20	38		22
21	31	C	Virgilius	are feigned to be the	21	36		24
22	Feb.	D	Bridg. Fast	Daughters of Atlas, and	22	34		26
23	2	E	Sexages.	Purification of Mary,	23	33		27
24	3	F	Blase	are therefore called At-	24	31		29
25	4	G	Veronica	lantides, & for their great	25	29		31
26	5	A	Agatha	love to their Father, were	26	27		33
27	6	B	Dorothea	translated into Heaven.	27	25		35
28	7	C	Zachary	These are in that Con-	28	23		37
29	8	D	Paul Bish.	stellation called Taurus,	29	21		39
30	9	E	Quinquag.	which was placed in	30	19		41
31	10	F	Scholastic	Heaven, &c.	17	17		43

February hath xxviii. days.

- New Moon the 2 day, at 6 in the morning.
- First quarter the 9 day, at 4 in the morning.
- Full Moon the 17 day, 40 min. past 7 in the morning.
- Last quarter the 25. day at two in the morning.

Mon. Day.	Week Day.	Festival & Saints days, with the D's place in applicatio. to the noted fix'd stars.	The D's zodiack at Noon	The D's rising fro. the full to the change, & setting fr. the cha. to the F.	The mutu. Af. of the Plan. with the var. const. of air & cha. of wea.
1	D	D n. Swa. wing	aqua. 12 17	20	* h & cold & misty weath. at
2	e	Purif. Mary	aqua. 28	New	the beginning of
3	f	D n. Marchab	pisc. 13 6	A 26	the month, with
4	g	D n. Wh. Tail	pisc. 28 7	54	some Snow or
5	a	D. n. Head Aud.	aries 12 9	52	cold rain, after-
6	B	Quinquages.	aries 26 10	50	wards good sea-
7	c	D n. S. & foo. Aud	taur. 10 12	18	sonable weather
8	D	Sol in Pisces	taur. 23 0	M. 18	which 'tis hoped
9	e	Ash Wednesday	gem. 5 1	38	may continue
10	f	h ≈ 11.	gem. 18 2	48	without much
11	g	γ ♀ 21	canc. 6 3	55	△ h ♀ alterati-
12	a	Term ends	canc. 12 4	54	on till towards
13	B	Quadragefit.	canc. 24 5	46	the Full Moon;
14	c	Valentine.	leo 5 6	13	then 'tis feared
15	D	δ ♀ 20	leo 17 6	35	we may have
16	e	Ember week	leo 2 6	5	♂ ♀ ♂ windy
17	f	♀ ♀ 15	virg. 11	Full	and rough weat.
18	g	♀ ≈ 20	virg. 23 5	A 36	* ♀ ♀ for some
19	a	♂ 25	libra. 6 7	45	* ♂ ♀ days, af-
20	B	2 Sund. in Lent	libra. 18 9	0	terwards more
21	c	D n. Iuc. Coron.	scorp. 1 10	22	temperate for a
22	D	D n. Nor. Balau	scorp. 13 11	41	□ γ ♀ while,
23	e	D n. le. hand. O.	scorp. 26 1	c	but yet some
24	f	S. Matthias	sagit. 9 1	M. c	wind & storms
25	g	D n. R. sh. Oph	sagit. 23 2	26	about the 26 day
26	a	D n. Caud. Vult.	capri. 7 3	38	ast. whic. we may
27	B	3 Sund. in Lent	capri. 23 4	34	have seasonable
28	c	D n. Swan. win.	aqua. 6 5	16	weather to the
					□ δ ♀ end.

FEBRUARY, 1687.

Saturn riseth between 8 and 9 at night, and is South between 2 and 3 in the morning. Jupiter and Mars rise near together between 2 and 3 in the morning. Venus is still combust. Mercury riseth before the Sun.

Roman Saints days.	Ferie, state & concept.	Poetical Stories of the Stars.	M.D.	○ ri.	○ se,
1 11 G	Shrove-tu.	Castor and Pollux the	1	16 4	44
2 12 a	Ash-wedn.	Heads of Gemini, or the	2	14	46
3 13 b	Agabus	Twins, they are 2 bright	3	12	48
4 14 c	Valentine	Stars that come to the	4	10	50
5 15 d	Faustina	South at the beginning of	5	8	52
6 16 E	Quadrage.	this month, about half an	6	6	54
7 17 f	Constance	hour after 9 at night, and	7	4	56
8 18 g	Concord.	set not till after 6 in the	8	2	58
9 19 a	Sabine	mor. they are feign'd to	9	0	0
10 20 b	Eucharist	be the Sons of Leda the	10	58	2
11 21 c	Esfaias	Wife of Tyndarus K. of Oe-	11	56	4
12 22 d	Cath Peter	balia, with whom Jupiter	12	54	6
13 23 E	Reminiscer.	lay, having first turned	13	52	8
14 24 f	S. Matthias	himself into a Swan; the	14	49	11
15 25 g	Victor. M.	Swan was afterw. plac'd	15	47	13
16 26 a	Nestor	among the Stars in me- morial of his purpose at- tained under that form.	16	45	15
17 27 b	Fortuna	17 43		17	
18 28 c	Macar	18 6 41		19	
19 Marc.	David	Procyon, the lesser dog	19	39	21
20 2 E	Oculi	cometh to the Sou. with	20	37	23
21 3 f	Cunigur.	Castor and Pollux, but	21	34	25
22 4 g	Adrianus	sets 2 hour & an half be- before them: Some say	22	32	28
23 5 a	Eusebius	that this was 1 of Orions	23	30	30
24 6 b	Frederick	Dogs: others, that it was	24	28	32
25 7 c	Felicitas	Moera the dog of Erigone	25	26	34
26 8 d	Cyprian	the Daughter of Icarus,	26	24	36
27 9 E	Lazare	which pined away with	27	2	38
28 10 f	Michæas	grief at the death of Ica- carius, &c.	28	20	40

March hath xxxi. days.

- New Moon the 3 day, at 4 in the afternoon.
- First quarter the 10 day, at 8 at night.
- Full Moon the 18 day, at midnight.
- Last Quarter the 26 day, at 10 in the morning.

D	n. Sw. Breas.	aqua	20	5	46	misty or drizzling
e	n. Sw. Tail	pisces	6	6	6	Rain at the be-
f	n. Scheat	pisces	21	New	-	□ ○ ♀ ginning,
g	n. Head And.	aries	6	7	2	afterwar. windy
a	n. first *	aries	20	8	36	& good seasona.
B	Midlent Sunday	taur.	4	10	0	weath. is expe-
c	n. cap. Med.	taur.	18	11	20	cted for some da.
D	n. Aklubar.	gem.	1	12	38	and about this
e	Sol in aries	gem.	14	0	M. 38	time dark, and
f	n. R. sh. Ar.	gem.	26	1	54	□ ♀ ♀ ♂ h ♀
G	n. Syrius	canc.	8	2	56	cloudy weather
a	n. Procyon	canc.	20	3	45	with some mol-
B	Sund. in Lent	leo	2	4	22	sture; but about
c	h	leo	14	4	48	the midst of the
D	ψ	leo	26	5	8	σ ○ ♀ month
e	ζ	virg.	8	5	22	beginneth wind.
f	Ω	virg.	20	5	36	& stormy weath.
G	Ω	libr.	2	full	-	□ ♂ ♀ & I fear
a	Ω	libr.	15	7	A. 0	8 h ♀ too wet
B	Palm Sunday	libra	27	8	18	□ h h δ for the
c	Bened. Et	scorp.	10	9	36	σ ○ h season,
D	n. l. ha. Oph.	scorp.	23	10	54	△ ψ ♀ till after
e	n. Cor Scorp.	sagit.	6	12	10	□ ○ δ the 22 d.
f	n. R. sh. Op.	sagit.	20	0	M. 10	then 'tis hoped
G	Annunti. B. M.	capr.	3	1	26	we may have
a	n. Can. Vult.	capr.	17	2	36	□ ψ ♀ seasonab.
B	Easter day	aqua.	1	3	30	weather, which
c	n. le shoul.	aqua.	15	4	0	probably may
D	n. Sw. Tail	pisce.	0	4	23	continue without
e	n. Marchab.	pisce.	15	4	4	much alteration,
f	n. Whails Ra.	aries	0	5	0	only some drifl

M A R C H, 1687.

Saturn is South about midnight.
 Jupiter riseth between 1 and 2 in the morning.
 Mars riseth between 2 and 3 in the morning.
 Venus toward the end of the month emergeth from the Sun-beams, and sets after the Sun.
 Mercury at the beginning is combust, but at the end he is with Venus.

Rom. Sts. Days.	Rom. Kalendar.	Rom. Accom.	English Accom.	South			
1	11	g	Cunibert	Basiliſcus, or lions heart,	1	5	43
2	12	a	Gregorius	at the beginning of this	2	5	45
3	13	b	Enestrus	month cometh to the	3	5	47
4	14	c	Eutychus	South about 10 at night,	4	5	49
5	15	d	Longine	& sets a little after 5 in	5	8	52
6	16	e	Judica	the morning; it is a very	6	6	54
7	17	f	Gertrude	bright Star in the breast	7	4	56
8	18	g	Gabriel	of the Lion: This Con-	8	2	58
9	19	a	Joseph	stellation consisteth of	9	0	60
10	20	b	Rupert	27 Stars, & is feign'd to	10	58	62
11	21	c	Benedict	be the Lion which Her-	11	5	4
12	22	d	Paulinus	cules overcame in the	12	54	6
13	23	e	Palm Sun.	wood of Nemæa, & was	13	52	8
14	24	f	Quirin. Fast	placed in Heaven in re-	14	50	10
15	25	g	A. B. V. M.	membrance of so nota-	15	48	12
16	26	a	Castulus	ble a deed.	16	46	14
17	27	b	Jo. Erem.	The Virgins Spike is a	17	44	16
18	28	c	Gideona	very bright Star in the	18	42	18
19	29	d	Eustace	hand of Virgo; toward	19	5	20
20	30	e	Pascha	the end of the month it	20	38	22
21	31	f	Balbina	is South at midnight, &	21	36	24
22	Apr.	g	Theodore	sets a little after 5 in the	22	34	26
23	2	a	Mary Egyp.	morning. This Constel-	23	32	28
24	3	b	Uspian	lation consisteth of	24	30	30
25	4	c	Ambrose	Stars, & is feign'd to be	25	28	32
26	5	d	Vincent	Justice, which did some-	26	5	34
27	6	e	Quasimod.	time live upon the earth,	27	24	36
28	7	f	Coelestia	but for the wickedness	28	22	38
29	8	g	Dionysius	thereof did forsake it, &	29	20	40
30	9	a	Albinus	chose this place for her	30	18	42
31	10	b	Ezekiel	seat in Heaven.	31	5	44

April hath xxx. days.

New Moon the 2 day, at 2 in the morning.
First quarter the 9 day, at 2 in the afternoon.
Full Moon the 17 day, 10 m. past 2 in the afternoon.
Last quarter the 24 day, at 4 in the aftern.

W	D	n.	Cap.	And.	aries	14	5	13	Sea
W	D	n.	Gird.	And.	aries	29	New		sonable
W	Blow	Sunday			taur.	12	9	A.	wea-
C	D	n.	7 Stars		taur.	26	10	26	ther with some
D	D	n.	Aldebar		gem.	9	11	44	△ ○ ♫ brisk
E	D	n.	Rsh. Aurig.		gem.	22	12	52	gales of wind at
F	D	n.	Syrius		canc.	40	M.	52	the beginning of
G	D	n.	Procyon		canc.	16	1	52	the month, & in
H	D	n.	Nor. Aries.		canc.	28	2	36	general very
B	2.	past	Easter		leo	10	3	0	good & pleasant
C	D	n.	Cor. leoni.		leo	22	3	22	weather is expe-
D	D	h	7		virgo	4	3	40	cted, with now &
E	Term	begins			virgo	16	3	52	then some show.
F	U	7	23		virg.	28	4	4	♂ ♀ ♀ of rain,
G	S	W	5.		libra	11	1	17	and probably
H	A	♀	27		libra	23	4	30	no great Altera-
B	3	past	Easter		scorp.	6	Full		△ ♍ ♀ ♀
C	♀	8	24		scorp.	19	9	A.	tion till
D	Ω	5	22		sagit.	3	10	14	about the Full
E	D	n.	Cap. Oph.		sagit.	16	11	26	Moon, which
F	D	n.	Lyra		capri.	6	12	38	may produce
G	D	n.	Card. Vult.		capri.	14	M.	38	some brisk win-
H	S.	George			capri.	28	1	34	& also shows of
B	4	past	Easter		aqua.	12	2	10	rain or hail, & for
C	St.	Mark			aqua.	26	2	34	the most part
D	D	n.	Ma. c. peg.		pisce.	10	2	4	good seasonable
E	D	n.	Sheat. Peg		pisce.	25	3	12	△ h ♀ weath.
F	D	n.	Cap. Adro.		aries	9	3	28	with some drif-
G	D	n.	prin. * Ari.		aries	23	3	42	ling about the 25
H	D	n.	Son. foo. An		taur.	7	3	55	day, & probably

APRIL, 1687.

			Saturn is South about 10 at night. Jupiter riseth between 11 and 12 at night, and is South between 3 and 4 in the morning. Mars riseth between 1 and 2 in the morning. Venus and Mercury are near together, and set a little after the Sun.				
			1	2	3	4	5
1	11	c	Leo, Pap.	Virgo is by others said	1	14	3
2	12	d	July Bish.	to be Astrea the Daughter of	2	11	4
3	13	E	Misericord.	Astreus, one of those Giants called Ty-	3	10	5
4	14	f	Tiburtius	tans, who fighting against the Gods, Astrea took	4	8	52
5	15	g	Olympia	their parts against her own Father, & was therefore after her death com-	5	6	54
6	16	a	Carifius	fore after her death commended unto the Heavens.	6	4	56
7	17	b	Anicetus	Others say that it was	7	2	58
8	18	c	Apollon	Erigone the Daughter of	8	5	60
9	19	d	Timothy	Icarus, who for that her Father was slain by	9	4	62
10	20	E	Jubilate	drunken men, made away her self; but Jupiter	10	56	64
11	21	f	Adelarius	out of pity translated her	11	54	66
12	22	g	Emanuel	to Heaven.	12	52	68
13	23	a	S. George	Libra, or the Ballance	13	50	70
14	24	b	Albertus	containeth 8 Stars, some	14	48	72
15	25	c	S. Mark	will have this to be the	15	46	74
16	26	d	Cletus	Ballance wherein Justice,	16	44	76
17	27	E	Cantate	called also Astrea, weighed the deeds of mortal	17	42	78
18	28	f	Vitalis	men, & therein presented them to Jupiter.	18	41	80
19	29	g	Sybilla	This Constellation com-	19	39	82
20	30	a	Co ua	eth to the South about an	20	37	84
21	May	b	S. Phil. & Ja.	hour and half after the	21	36	86
22	2	c	Athanasius	Virgins Spike.	22	34	88
23	3	d	Inv. Crucis		23	33	90
24	4	E	Rogat. Sun.		24	31	92
25	5	f	Gethord		25	30	94
26	6	g	Jo. à Fort		26	28	96
27	7	a	Juvenal		27	26	98
28	8	b	Ascen. Dom.		28	25	100
29	9	c	Hiobe		29	23	102
30	10	d	Pancratius		30	21	104

May hath xxxi. days.

☽ New Moon the 1 day, 50 min. past noon.
 ☽ First quarter the 9 day, at 7 in the morning.
 ☽ Full moon the 17 day, 45 m. past 1 in the morning.
 ☽ Last quarter the 25 day, at 10 at night.
 ☽ New Moon the 31 day, 30 m. before 1 in the morn.

	B. S. Phil. & Jacob		taur.	21	New	—	Sun Eclipsed.	Engl. Accomp.
2	C	D n. Aldebar	gem.	49	A. 28		Windy, with	1
3	D	D n. Alhaiot	gem.	10	32		showers at the	2
4	E	D n. Syrius	cance.	11	30		beginning of the	3
5	F	Ascentio Dom.	cance.	12	22		month, afterwar.	4
6	G	D n. Procyon	canc.	24	M. 22		8 ♀ ♀ △ h δ	5
7	H	D n. Asellus	leo	6	1		an increase of	6
8	B	6 past Easter	leo	18	1		heat is expected,	7
9	C	Term ends	virg.	0	1		& great proba-	8
10	D	h ≈ 6	virg.	12	2		bility of good	9
11	E	Sun in Gem.	virg.	24	2		seasonable and	10
12	F	♀ ♀ 21	libra	6	2		pleasant weath.	11
13	G	δ ≈ 9	libra	19	2		for the most part	12
14	H	φ ☽ 1	scorp.	2	3		of these days,	13
15	B	Whitsunday	scorp.	15	3		with some brisk	14
16	C	♀ ♀ 15	scor.	28	3		* ⊖ h gales of	15
17	D	Ω Ω 21	sagit.	12	Full		wind, and also	16
18	E	Ember week	sagit.	21	10 A. 30		□ h ♀ showers	17
19	F	D n. Caud. Vult.	capr.	10	11		about the Full	18
20	G	D n. Iuc. * vult.	capri.	24	12		M. with some	19
21	H	D n. S. v. wing	aqua.	9	0		mists, or drizzling	20
22	B	Trinity Sunday	aqua.	2	0		rain about the	21
23	C	D n. Marchab.	pisces	7	1		22 d. or else no	22
24	D	D n. Scheat	pisces	21	1		great alterat. till	23
25	E	D n. Cap. And.	aries	5	1		△ ⊖ & towards	24
26	F	D n. Pri. * Ar.	aries	19	1		the end of the	25
27	G	Term begins	taur.	3	2		month, which	26
28	H	D n. Cap. Med.	taur.	16	2		is expected to	27
29	B	K. Charl. II. N. R.	taur.	2	2		δ ⊖ & bring	28
30	C	D n. Alhaiot	gem.	12	3		windy weather.	29
31	D	D n. R. sh. Aur.	gem.	25	New		30	

Moons Rising.

MAY, 1687.

Saturn sets between 2 and 3 in the Morning.
Jupiter is South about 1 in the Morning.
Mars riseth about 1 in the Morning.
Venus sets about 10 at night.
Mercury is hid under the Sun beams.

1	11	E xaudi	Arcturus is a great red	1	4	19	7	41
2	12	f Gordian	Star, coming to the South	2		17		43
3	13	g Servatius	at the beginning of this	3		15		45
4	14	a Fortuna	month between 10 and 11	4		14		46
5	15	b Sophia	at night, he is placed be-	5		12		48
6	16	c Peregrine	tween the legs of <i>Arctophi-</i>	6		10		50
7	17	d Jodocas	<i>lax</i> or <i>Bootes</i> , and it is	7	4	9	7	51
8	18	E Pentecost	thus feigned of him: <i>Ica-</i>	8		8		52
9	19	f Sarah	<i>rius</i> the Son of <i>Oebalus</i> ,	9		6		54
10	20	g Bernard.	having received a flagon of	10		5		55
11	21	a Prudent.	wine of <i>Bacchus</i> , he travel-	11		3		57
12	22	b Helena	led therewith into the	12		2		58
13	23	c Desider.	Territories of <i>Athens</i> ,	13	4	1		59
14	24	d Esther	where some Shepherds	14	4	0	8	60
15	25	E Trinity S.	taking a Cup too much,	15	3	59	8	61
16	26	f Edward	finding their Brains intox- icated, and thinking that he	16		58		62
17	27	g Beda	had poisoned them, there- upon killed him; his	17		57		63
18	28	a Wilhelm	Daughter <i>Erigone</i> in a pas- sion made away her self;	18		55		64
19	29	b Maximia	her little Dog <i>Mera</i> pined	19		54		65
20	30	c Wigand	to death. In the close of	20		53		67
21	31	d Petronell	all <i>Jupiter</i> turned <i>Mera</i>	21		52		68
22		J une 1 p. T ris	into the Dog star, <i>Eri-</i>	22		51		69
23	2	f Marcellus	<i>gone</i> into the sign called	23		50		70
24	3	g Erasmus	<i>Virgo</i> , and <i>Icarus</i> into	24		49		71
25	4	a Quirinus	<i>Arcturus</i> , and placed	25	3	48	8	72
26	5	b Boniface	him between the legs of	26		47		73
27	6	c Artemid.	<i>Bootes</i> .	27		46		74
28	7	d Paul Ep.		28		45		75
29	8	E 2 p. T ris.		29		45		76
30	9	f Barnim.		30		44		77
31	10	g Onusfrius		31	3	44	3	78

June hath xxx. days.

First Quarter the 8 day, at 1 in the morning.
Full Moon the 15 day, at 15 min. past 10 in the morning.
Last Quarter the 22 day, at 3 in the morning.
New Moon the 29 day, 20 min. past 2 in the afternoon.

JUNE, 1687.

Saturn sets about mid-night.

Jupiter is South about 11 at night.

Mars, riseth about 11 at night.

Venus sets about 10 at night.

Mercury at the beginning riseth before the Sun, but at the end he is Combust.

Engl. Accompt.	1	11	a	St. Barnab.	Corona Borealis, or the Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	13	44	8	16
Rom. Saints da.	2	12	b	Blandin.	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	2	43		17
Rom. Kalendar.	3	13	c	Cyrillus	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	3	43		17
Kom. Accompt.	4	14	d	Valerius	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	4	42		18
	5	15	e	3 p. Trin.	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	5	42		18
	6	16	f	Rulandus	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	6	42		18
	7	17		Volcman.	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	7	42		18
	8	18	a	Homer	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	8	41		19
	9	19	b	Gervasius	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	9	41		19
	10	20	c	Regina	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	10	41		19
	11	21	d	Alban	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	11	3	41	8
	12	22	e	4 p. Trin.	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	12	41		19
	13	23	f	Basilius	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	13	41		19
	14	24	g	St. Jo. Bap.	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	14	41		19
	15	25	a	Elogius	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	15	42		18
	16	26	b	Jeremias	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	16	42		18
	17	27	c	7 Dorm.	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	17	42		18
	18	28	d	Leo. Fast	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	18	3	42	8
	19	29	e	St. Peter	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	19	43		17
	20	30	f	Conv. Paul	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	20	43		17
	21		g	July	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	21	44		16
	22	2	a	Visit. V.M.	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	22	44		16
	23	3	b	Cornellus	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	23	44		16
	24	4	c	Ulricus	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	24	45		15
	25	5	d	Anselm	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	25	3	45	8
	26	6	e	6 p. Tita	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	26		46	14
	27	7	f	Demetrius	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	27		47	13
	28	8	g	Chilian.	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	28		48	12
	29	9	a	Cyrillus	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	29		49	11
	30	10	b	7 Brethren	Northern Crown, this Constellation consisteth of Stars, and is now South about 10 at night, it is an hour and half after Arcturus; these Stars stand round, and appear like a Garland.	30		50	10

July hath xxxi days.

First Quarter the 7 day, at 4 in the afternoon.
Full Moon the 14 day, at 6 at night.
Last Quarter the 21 day, at 9 in the morning.
New Moon the 29 day, 30 minutes past 4 in the morning.

1	g	D n. Cor Hydræ	leo	11	9	A	50		
2	a	D n. Basiliscus	leo	23	10		7		
3	W 6 past Trinity		virg.	5	10	20		Moons	Hot and sultry wea-
4	c	D n. Cau Urs. m.	virg.	16	10	32		setting.	ther at the begin-
5	d	D n. Vindemiat.	virg.	28	10	40			ning of the month,
6	e	D n. sin. hu. Boo.	libr.	10	10	52			and 'tis hoped indi-
7	f	D n. spica Virg.	libr.	23	11	4			ferent good Hay
8	g	D n. Lanx. Aust.	scorp.	5	11	18			weather ★ h
9	a	D n. Luc. c. Serp.	scorp.	18	11	38			these days. But about
10	W 7 past Trinity		sagit.	1	12	10			the ninth or tenth
11	c	h ≈ 7	sagit.	14	0	M	10		day, some showers
12	b	Sol in Leo.	sagit.	28	0		48		are △ 4 ♀ expec-
13	e	4 ♀ 14 Stat.	capr.	13	1		38		ted. Also about the
14	f	♂ ≈ 19 R.	capr.	28		Full	●		full ♂ ♂ ♀ Moon
15	g	Swithln	aqua.	13	9	A	2		□ 4 ♀ great vari-
16	a	♀ ☽ 15	aqua.	28	9		20		ety of weather, prob-
17	W 8 past Trinity.		pisces	13	9		38		ably some Thunder
18	c	♀ 25	pisces	28	9		52		showers: which
19	d	♂ 18	aries	12	10		4		being past, * ○
20	e	D n. Cing. Andr.	aries	26	10		20		we may expect sea-
21	f	D n. Aust. p. An.	taur.	10			38		soable and good
22	g	D n. Cap. Med.	taur.	23	11	○			weather, with some
23	a	D n. Aldebar.	gem.	6	11		24		brisk cooling gales of
24	W 9 past Trinity.		gem.	18	11		52		wind. But toward
25	c	St. James.	canc.	1	12		43		the end △ ○ 4
26	d	D n. Syrim.	canc.	13	0	M	43		of the month an in-
27	e	D n. Procyon.	canc.	25	1		40		♂ ○ ♂ crease of
28	f	D n. Asellus	leo	7	2		46		heat is ex- □ 4 ♀
29	g	D n. Cor Hydræ	leo	19		New	●		pected.
30	a	D n. R. C. Urs. m.	virgo	18			29		
31	W 10 past Trinity.		virgo	13	8		40		

JULY, 1687.

Saturn sets about 10 at Night.
 Jupiter sets a little after midnight.
 Mars South a little after midnight.
 Venus sets about 10 at night.
 Mercury sets a little after the Sun.

Rom. Saints da.
 Rom. Kalendar.
 Rom. Accompri.
 Eng. Accompri.

1	11	c	Pius	the Muses by the good leave	13	51	8	9
2	12	d	Henricus	of Jupiter, and at the re-	2	52		8
3	13	E	7 p. Trin.	quest of Apollo, placed this	3	53		7
4	14	f	Bonavent.	Harp in Heaven.	4	54		6
5	15	g	Swithin		5	55		5
6	16	a	Hyllarin		6	56		4
7	17	b	Alexius		7	58		2
8	18	c	Maternus		8	59		1
9	19	d	Ruffina	Aquila, the Eagle, it is	9	60		0
10	20	E	8 p. Trin.	also called <i>Vultur volans</i> ,	4	17	59	
11	21	f	Daniel	the flying Gripe: it hath	10			
12	22	g	Mary Mag.	in it 9 Stars; the brightest	11	3	57	
13	23	a	Apollin	of them is now South be-	12	5	55	
14	24	b	Christina	tween 10 and 11 at night.	13	6	54	
15	25	c	St. James.	Here the Poets feign that	14	7	53	
16	26	d	Anna	Jupiter transforming him-	15	9	51	
17	27	E	9 p. Trin.	self into the form of an	16	10	50	
18	28	f	Panthal.	Eagle, took Ganimedes	17	11	49	
19	29	g	Beatrice	the Trojan Boy, whom he	18	13	47	
20	30	a	Abdon	greatly loved, up into Hea-	19	14	46	
21	31	b	German	ven; and therefore in sign	20	16	44	
22	Aug.		Lammas	thereof (because by that	4	17	43	
23	2	d	Moses	means he performed his	21	19	41	
24	3	E	10 p. Trin.	purpose) he placed the	22	20	40	
25	4	f	Aristarch.	figure of the Eagle in	23	22	38	
26	5	g	Oswaldus	Heaven. Ganimedes was	24	24	36	
27	6	a	Sixtus	afterwards admitted to be	25	25	35	
28	7	b	Donatus	Jupiters Cup-bearer in the	26	27	33	
29	8	c	Ladislaus	room of Hebe, who by an	27	29	31	
30	9	d	Roman.	unfortunate slip, discover-	28	30	29	
31	10	E	11 p. Trin.	ing all, was therefore put	4	33	27	
				out of Office.	29	31	29	
					30	33	27	
					31	35	25	

August hath xxxi. days.

☽ First Quarter the 6 day, at 7 in the morning.
 ☽ Full Moon the 13 day, 30 min. past 1 in the morning.
 ☽ Last Quarter the 19 day, at 8 at night.
 ☽ New Moon the 27 day, at 8 at night.

1	c	Lammas day.	virg.	25	8	A	52	
2	d	D n. sis. h. Boo.	libr.	7	9		4	
3	e	D n. spic. Virg.	libr.	19	9		16	Seasonable and good
4	f	D n. luc. Coron.	scorp.	19			28	Weather (if I be no
5	g	D n. lanx. Boreas	scorp.	13	9		44	* ♀ ♂ mistaken)
6	a	D n. sin. M. Oph.	scorp.	26	10		6	till about the 6 day,
7	b	11 past Trinity	sagit.	9	10		33	then expect some
8	c	D n. lu. Cap. dra.	sagit.	23	11		13	♂ h ♀ showry
9	d	D n. luc. Lyra.	capr.	7	12		19	and drifling weather,
10	e	D n. Luc. Vult.	capr.	21	0	M	19	and I △ ♂ ♀ doub
11	f	h ≈ 10	aqua.	6	1		45	somewhat slack
12	g	4 ♂ 14 Di.	aqua.	21	3		6	* ♀ ♀ Harvest
13	a	Sol in Virgo.	pisc.	7		Full	●	Weather till after
14	b	12 past Trinity	pisc.	22	8	A	0	the full Moon; then
15	c	λ ≈ 11 St.	aries	7	8		13	'tis hoped that we
16	d	Ω ≈ 18	aries	22	8		29	may have very sea-
17	e	Ω ≈ 19	taur.	6	8		49	sonable and good
18	f	Ω ≈ 16	taur.	19	9		10	weather for the
19	g	D n. Aldebar.	gem.	2	9		34	greatest part of the
20	a	D n. Albinot	gem.	15	10		2	Month, and probably
21	b	13 past Trinity.	gem.	28	10		38	no △ h ♂ grea-
22	c	D n. Sirius	canc.	10	11		42	ter alteration than
23	d	D Procyon	canc.	22	12		48	some misty and drif-
24	e	St. Bartholom.	leo	4	0	M	48	ling Mornings; and
25	f	D n. Cor. Hydr.	leo	16	1		54	otherwhiles some
26	g	D n. Basiliscus	leo	28	3		10	brisk gales of Wind
27	a	D n. Ca. Urs. ma.	virg.	10		New	●	to the ☐ ☐ end of the Month.
28	b	14 past Trinity.	virg.	22	7	A	10	
29	c	D n. Vindemiat.	libra	4	7		22	
30	d	D n. Arcturus	libr.	16	7		34	
31	e	D n. luc. Coron.	libr.	28	7		48	

AUGUST, 1687.

Saturn and Venus set near together betwixt 8 and 9 at night.
 Jupiter sets between 10 and 11 at night.
 Mars sets between 3 and 4 in the morning.
 Mercury followeth the Sun, and toward the end is hid being under the Sun-beams.

Engl. Accompt.	Ro. Accomp.	Ro. Saint. da.	Ro. Kalendar.	Titus	Marchab is a Star of the second Magnitude in that Constellation called <i>Equus</i> or <i>Pegasus</i> ; it is South between twelve and one of the clock in the night.	1	4	37	7	23
1	11	f		Clara		2		39		21
2	12	g		Hyppolit	Constellation called <i>Equus</i>	3		41		19
3	13	a		Bertram	<i>Alatus</i> , the winged Horse,	4		42		18
4	14	b		Assump. M.	or <i>Pegasus</i> ; it is South be-	5		44		16
5	15	c		Rochus	tween twelve and one of	6		46		14
6	16	d		12 p. Trin.	the clock in the night.	7		48		12
7	17	e		Helena	This Horse was bred of the	8	4	50	7	10
8	18	f		Sebaldus	blood of <i>Medusa</i> after that	9		52		8
9	19	g		Bernard	<i>Perseus</i> had cut off her	10		54		6
10	20	a		Athanas.	head. He was taken and	11		56		4
11	21	b		Zimphor	tamed by <i>Bellerophon</i> whilst	12		58		2
12	22	c		Zacharus.	he drank of the River <i>Pi-</i>	13	5	0	7	0
13	23	d		St. Bart.	<i>rene</i> by <i>Corenth</i> , and was u-	14	5	16		59
14	24	e		Ludovicus	sed by him in the Conquest	15		3		57
15	25	f		Irenaeus.	of <i>Chimera</i> : After which	16		5		55
16	26	g		Gebhard	exploit <i>Bellerophon</i> being	17		7		53
17	27	a		Augustine	weary of earthly Affairs,	18		8		52
18	28	b		Decol. J. B.	endeavoured to fly up to	19		10		50
19	29	c		Felix P.	Heaven, but being amazed	20		12		48
20	30	d		14 p. Trin.	by looking down in his	21		14		45
21	31	e	Sept.	Ægidius	night, he fell from his	22		16		44
22		f		Rachel	Horse <i>Pegasus</i> notwith-	23	5	18	6	43
23	2	g		Euphem	standing continued his	24		20		40
24	3	a		Theodore	Course, and (as they feign)	25		22		38
25	4	b		Zachary	entred into Heaven, and	26		24		36
26	5	c		Magnus.	there obtained a place a-	27		26		34
27	6	d		15 p. Trin.	mong the other Constella-	28		28		32
28	7	e		Nat. V. M.	tions.	29		31		29
29	8	f		Kumigur		30		33		27
30	9	g		Sosthenes		31	5	35	6	25

September hath xxx. days.

First Quarter the 4 day, at 6 at night.
 Full Moon the 11 day, 15 min. past 9 in the morning.
 Last Quarter the 18 day, at 9 in the morning.
 New Moon the 26 day, at 1 in the afternoon.

1	t	D n. Lanx.Aur.	scor. 10 8	A	6						Expect windy and
2	g	D n. Dex.hu.He.	scor. 23 8		26						stormy weather
3	a	D n. sin.ge.Oph.	sagit. 5 8		48						♂ ☽ at the be-
4		W 15 past Trinity.	sagit. 18 9		16						ginning of the
5	c	h ≈ 12	capr. 2 10		10						month, afterwards
6	d	4 ♀ 16	capr. 16 11		20						more temperate, with
7	e	5 ≈ 11	aqua. 0 12		35						some drif. ☐ ♂ ☽
8	f	Nat. V. M.	aqua. 14 0	M	36						ling Rain, ☐ ♀ ☽
9	g	9 vi 12	aqua. 29 2		10						about the 9th day,
10	a	8 ♀ 16	pisces 15 3		50						also misty mornings
11		W 16 past Trinity.	aries 0 Full								yet for these day,
12	c	8 15	aries 15 6	A	45						* ☽ ☽ seasonable
13	d	Sol in Libra	taur. 0 7		0						weather; and about
14	e	Ember Week	taur. 15 7		20						this time some cold
15	f	D n. Aldebar.	taur. 28 7		42						and brisk ☐ ♀ ☽
16	g	D n. Alhaioh	gem. 11 8		10						winds, and probably
17	a	D n. Dex.h.Aur.	gem. 24 8		50						some few showers,
18		W 17 past Trinity.	canc. 7 9		43						else no considerable
19	c	D n. Procyon	canc. 19 10		43						alteration till Δ h ♂
20	d	D n. Asellus	leo 1 11		48						towards the end of
21	e	St. Matthew	leo 13 1		0						the month, which (if
22	f	D n. Basilisc.	leo 25 1	M	0						I have not guessed
23	g	D n. Cau.Urf.M.	virg. 7 2		14						amiss) produceth
24	a	D n. Cau.leon.	virg. 19 3		27						cold, ♂ ☽ ☽
25		W 18 past Trinity.	libr. 1 4		40						windy, Δ ☽ ☽
26	c	D n. Virg.Spic.	libr. 13 New		0						and wet weather.
27	d	D n. Arcturus	libr. 26 6		0						
28	e	D n. luc.Coron.	scor. 7 6		18						
29	f	St. Michael	scor. 20 6		36						
30	g	D n. si.Gen.Op.	sagit. 2 6		56						

SEPTEMBER, 1687.

Saturn toward the end goeth to Combustion.
 Jupiter sets between 8 and 9 at night.
 Mars is South about 9 at night.
 Venus sets about 8 at night.
 Mercury toward the end riseth before the Sun.

Rom. Saint. d.
 Rosa. Kaledar.
 Rom. Accompt.
 Eng. Accompnt.

1 11	b	Theobald		1	5	37	6	23
2 12	c	Tobias		2		39		21
3 13	d	Amatus		3		41		19
4 14	e	16 p. Trin.		4		43		17
5 15	f	Nicodem.		5		45		15
6 16	g	Euphem.		6		47		13
7 17	a	Lambert		7		49		11
8 18	b	Ferrialus		8		51		9
9 19	c	Januarius		9		53		7
10 20	d	Faust. Fast.		10	5	55	6	5
11 21	e	S. Matthew		11		57		7
12 22	f	Maurice		12		59		1
13 23	g	Joel		13	6	1	5	59
14 24	a	Rupert				3		57
15 25	b	Cleophas				5		55
16 26	c	Cyprianus				7		53
17 27	d	Judith				9		51
18 28	e	18 p. Trin.				11		49
19 29	f	S. Michael.				13		47
20 30	g	Jerome				15		45
21	Oct.	Remigius				17		43
22 2	b	Leodegar			6	19	5	41
23 3	c	Simplic.				21		39
24 4	d	Francisc.				23		37
25 5	e	19 p. Trin.				25		35
26 6	f	Aurelia				27		33
27 7	g	Spes				29		31
28 8	a	Pelagia				32		28
29 9	b	Nicasius			29	6	34	5
30 10	c	Gideon				36		24

October hath xxxi. days.

- First Quarter the 4 day, at 3 in the morning.
- Fall Moon the 10 day, 40 min. past 6 at night.
- Last Quarter the 18 day, at 4 in the morning.
- New Moon the 26 day, at 6 in the morning.

OCTOBER, 1687.

Saturn toward the end is free from Cumouision.
 Jupiter followeth the Sun, and sets between seven
 and eight at night. (12 and 1.
 Mars is south about 8 at night, and sets between
 Venus followeth the Sun.
 Mercury is hidden under the Sun-beams.

1 11	d	Burchard	1 6	37	5	23
2 12	e	20 p. Trin.	2	39		21
3 13	f	Telemach	3	41		19
4 14	g	Calixtus	4	43		17
5 15	a	Hedwig	5	45		15
6 16	b	Gallus	6	47		13
7 17	c	Florent.	7	49		11
8 18	d	St. Luke	8	51		9
9 19	e	21 p. Trin.	9	53		7
10 20	f	Wendelin	10	55	5	5
11 21	g	Ursula	11	58		2
12 22	a	Cordula	12	60	5	0
13 23	b	Severine	13	72	4	58
14 24	c	Salome	14	74		56
15 25	d	Crispine	15	76		54
16 26	e	22 p. Trin.	16	78		52
17 27	f	Victoria	17	80		50
18 28	a	St. Si. & Jud.	18	82		48
19 29	b	Narcissus	19	84		46
20 30	g	Absalom	20	86		44
21 31	c	Wolfgang	21	88		42
22	Nov. All Saints		22	19	4	41
23 1	e	23 p. Trin.	23	21		39
24 2	f	Theophil.	24	23		37
25 3	g	Modestius	25	25		35
26 4	a	Petronel	26	27		33
27 5	b	Leonard	27	29		31
28 6	c	Willibald	28	31		29
29 7	d	Claudius	29	33	4	27
30 8	e	24 p. Trin.	30	35		25
31 9	f	Martin P.	31	36		24

November hath xxx. days.

- First Quarter the 2 day, 45 min. past 11 in the morning.
- Full Moon the 9 day, 30 min. past 6 in the morning.
- Last Quarter the 16 day, at 11 at night.
- New Moon the 24 day, 30 min. past 9 at Night.

D	All Saints	aqua.	6	9	A	36	Ds Setting.	Cloudy, cold, and
c	All Soul's	aqua.	20	11		2	♂ ♀ ♀ moist wea-	
D	Ex ala. Peg.	pisces	5	12		36	ther at the begin-	
g	D n. Marchab.	pisces	19	0	M	36	ning, afterward more	
a	Gun. Pow. Plot	aries	3	2		8	rough, stormy and	
W	24 past Trinity	aires	18	3		36	□ ♂ ♀ turbulent	
c	D n. luc. Cap V	taur.	2	5		4	with snow or cold	
d	D n. Cap. Med.	taur.	16	6		32	♂ ○ ♀ Rain and	
e	D n. Aldtebar.	gem.	0	Full		4	such like weather i.	
f	D n. Alhajot	gem.	14	4	A	42	expected till after the	
g	Martin Ep.	gem.	27	5		22	full Moon. Then, (if	
a	Sol in Sagit.	canc.	11	6		14	mistake not) we shall	
W	25 past Trinity	canc.	24	7		18	have a more tempe-	
c	h	leo	6	8		34	rate Season, and in	
d	4	leo	18	9		46	general good wea-	
e	5	virgo	0	11		0	ther, without ⋆ h	
f	2	virg.	11	12		10	considerable alterati-	
g	7	virg.	23	0	M	10	on, till about the 22	
a	8	libra	5	1		23	or 23 day, then we	
W	26 past Trinity	libra	17	2		38	may ♂ 4 ♀ expect	
c	D n. luc. Coron.	libra	29	3		54	sharp winds and stor-	
d	D n. Lanx. Bos.	scorp.	12	5		8	my weather for some	
e	D n. sin. Ma. Op.	scorp.	25	6		22	days. But the end	
f	D n. Cap. Herc.	sagit.	8	New		0	△ ♂ ♀ more calm,	
g	D n. dex. hu. Op.	sagit.	21	4	A	0	with close, misty,	
a	D n. luc. Lyra	capr.	5	4		50	and foggy weather.	
W	Advent Sunday	capr.	19	5		54		
c	Term ends.	aqua.	3	7		11		
D	D n. sin. hum. ☽	aqua.	17	8		42		
e	St. Andrew.	pisces	1	10		8		

NOVEMBER, 1687.

			Saturn riseth about 4 in the morning.
			Jupiter sets a little after the Sun.
			Mars sets about midnight.
			Venus is Combust till towards the end, then she riseth before the Sun.
			Mercury emergeth from the Sun-beams, and sets after the Sun.
1 11	g	Martine	1 7 38 4 22
2 12	a	Cunibert	2 39 4 21
3 13	b	Eugenia	3 41 19
4 14	c	Frederick	4 43 17
5 15	d	Leopoldus	5 45 15
6 16	E	25 p. Trin.	6 46 14
7 17	f	Hugo	7 48 12
8 18	g	Hezechias	8 7 49 4 11
9 19	a	Elizabeth	9 51 9
10 20	b	Amos	10 52 8
11 21	c	Obl. V. M.	11 54 6
12 22	d	Cæcilia	12 55 5
13 23	E	26 p. Trin.	13 57 3
14 24	f	Chrysog.	14 7 58 2
15 25	g	Catherine	15 8 0 4 0
16 26	a	Conrades	16 13 59
17 27	b	Guntherus	17 3 57
18 28	c	Rufus	18 4 56
19 29	d	Saturn. F. of Phœnicia, after that he	19 6 54
20 30	E	S. Andrew	20 7 53
21	Dec.	Longinus	21 8 52
22	z	Candidus	22 9 51
23	1	Cassian	23 8 10 3 50
24	2	Barbara	24 11 49
25	3	Sabina	25 12 48
26	4	Nicholaus	26 13 47
27	5		27 14 46
28	6		28 15 45
29	7	E 2 Advent	29 15 3 45
30	8	Conc. M.	30 8 16 44
1	9	Joachim	
10	10	Miltiades	

December hath xxxi. days,

☽ First Quarter the 1 day, at 8 at night.
 ☽ Full Moon the 8 day, 45 min. past 9 at night.
 ☽ Last Quarter the 16 day, at 8 at night.
 ☽ New Moon the 24 day, 45 min. past 10 in the morning.
 ☽ First quarter the 21 day at 4 in the morning.

1	t	D. n. Marchab.	pisces	16	11	A	36	M	Cloudy and inisty
2	g	D. n. Caud. Ceti	aries	0	1	o	0	Moons	□ ○ ♂ weather
3	a	D. n. Cap. Andr.	aries	14	1	M	0	Moons	★ ○ ♀ at the beginning of the month
4	W 2 Advent		aries	28	2	30	0	Moons	and 'tis hoped no great alteration, but
5	c	D. n. Auf. Per. A.	taur.	12	4	o	0	Moons	generally temperate and good weather, in
6	b	D. n. Cap. Medul.	taur.	25	5	28	0	Moons	respect of the season, with some hoar
7	e	D. n. Aldebar.	gem.	9	6	56	0	Moons	Frosts, and perhaps a little Snow. But about the last Quarter
8	f	D. n. Alhaior	gem.	22	Full	0	0	Moons	beginneth windy and moist weather, with a
9	g	D. n. Syrius	canc.	6	3	A	52	Moons	○ ○ ♀ sharp Air
10	a	D. n. Procyon	canc.	18	4	50	0	Moons	about the 20 or 21st day, and probably Snow
11	W 3 Advent		leo	1	6	4	0	Moons	□ ○ ♀ therewith
12	c	Sol in Capric.	leo	13	7	14	0	Moons	But after the New
13	b	D. n. Basiliscus	leo	26	8	30	0	Moons	Moon more calm, and
14	e	Ember week	virg.	8	9	44	0	Moons	about the 27th day
15	f	h	virg.	20	11	1	0	Moons	foggy weather, and the end may probably
16	g	W	virg.	1	12	5	0	Moons	□ ○ ♂ produce
17	a	♂	libra	13	0	M	5	Moons	windy weather.
18	W 4 Advent		libra	25	1	16	0	Moons	
19	c	♀	scorp.	7	2	28	0	Moons	
20	b	♀	scorp.	19	3	42	0	Moons	
21	e	St. Thomas	sagit.	3	5	0	0	Moons	
22	f	Ω	sagit.	16	6	22	0	Moons	
23	g	D. n. Iuc. Czp. Dr.	sagit.	29	7	43	0	Moons	
24	a	D. n. Caud. Vult.	capr.	1	4	New	0	Moons	
25	W Nat. Christ.		capr.	28	4	A	40	Moons	
26	c	St. Stephen	aqua.	1	26	4	0	Moons	
27	d	St. John	aqua.	28	7	33	0	Moons	
28	e	Innocents	pisc.	1	29	7	0	Moons	
29	f	D. n. Cauda Ceti	pisc.	26	10	38	0	Moons	
30	g	D. n. Cap. Andr.	aries	1	12	6	0	Moons	
31	a	D. n. prim. V	aries	2	50	M	6	Moons	

DECEMBER, 1687.

Saturn riseth about 2 in the morning.

Jupiter is Combust the most part of the Month.

Mars sets between 11 and 12 at night.

Venus riseth about 5 in the morning.

Mercury about the midſt of the Month goeth to Combustion, but at the end is freed, & riseth before the Sun.

Rom. Kalendr.	Rom. Saincs da.	Engl. Accompd.	Day	Month	Year	Hour	Min	Sec
1 11	b	Damasius	1 8	16	3	44		
2 12	c	Valerius	2		17	43		
3 13	d	Lucia V.	3		17	45		
4 14	e	3 Advent	4		18	42		
5 15	f	Abraham	5		18	42		
6 16	g	Ananias	6		18	42		
7 17	a	Lazarus	7		18	42		
8 18	b	Christoph.	8		19	41		
9 19	c	Loth	9		19	41		
10 20	d	Amon	10		19	41		
11 21	e	St. Thomas	11	8	19	3	41	
12 22	f	Theodosie	12		19	41		
13 23	g	Dagobert	13		19	41		
14 24	a	Ad. & Eve	14		19	41		
15 25	b	Christmas	15		18	42		
16 26	c	St. Stephen	16		18	42		
17 27	d	St. John	17		18	42		
18 28	e	Innocents	18		18	42		
19 29	f	Jonathan	19		17	43		
20 30	g	David	20		17	43		
21 31	a	Sylvester	21	8	16	3	44	
22	b	Janu. 1688 Circ	22		15	45		
23	c	Abel	23		15	45		
24	d	Inoch	24		14	46		
25	e	Methusal.	25		13	47		
26	f	Simeon	26		13	47		
27	g	Zophany	27		12	48		
28	a	Julian	28		11	49		
29	b	Erhard	29		10	50		
30	c	Marcel	30	8	9	3	51	
31	d	Paul erem.	31		8	42		

Table shewing how many Years purchase a Lease or Annuity to endure for any number of Years under 33: is worth presently, at Interest upon Interest, at Six in the Hundred; and shewing plainly how to discount any Lease in Being, and the value of the Reversion after any number of Years.

The Use and Explanation of the TABLE.			
Years of a Lease.	Years.	Months.	Tenth parts.
1	0	11	0
2	1	9	9 each Year, is the Years, Months, &
3	2	8	1 Tenth Parts of a Months Purchase,
4	3	9	9 that such a Lease or Annuity is
5	4	2	5 worth. EXAMPLE.
6	4	11	0 Suppose a Lease or Annuity to
7	5	7	0 continue 12 Years, and you would
8	6	2	7 know how many Years purchase it
9	6	9	9 is worth in present Money, look in
10	7	4	3 the Table for Twelve Years of a
11	7	10	7 Lease to the left Hand, & against
12	8	4	6 the same you shall find, 8, 4, 6,
13	8	10	3 which sheweth that such a Lease is
14	9	3	6 worth eight Years four Months, &
15	9	8	5 six Tenth Parts of a Months Pur-
16	10	1	chase.
17	10	5	
18	10	9	
19	11	1	
20	11	5	
21	11	9	
22	12	0	
23	12	3	
24	12	6	
25	12	9	
26	13	0	
27	13	2	
28	13	4	
29	13	7	
30	13	9	
31	13	11	
32	14	1	

A G A I N :

If you are to take or buy the Reversion of any Lease or Annuity, work thus; Suppose the Lease to be Thirty Years in all, you find in the Second Table and Right Hand against thirty, 13 Years, 9 Months, and 2 Tenth Parts of a Month Purchase; this it were worth were it in present Possession. But suppose there be a Lease of five Years (more or less) before you commence, look in the Table against the five Years, and there you find four Years, two Months, five Tenth Parts of a Month Purchase; take this out of the Sum against thirty, which is, 13, 9, 2. The Remainder is, 9, 6, 7. which is 9 Years, 6 Months, and 7 Tenth Parts of a Month: And so much is the Reversion after five Years worth, the Remainder of thirty Years.

This is Useful, and very Easie.

SAUNDER. 1687.

The Second Part.

Containing the Eclipses ; The Sun's Quarterly Ingresses ; The Southing of the Seven Stars, for every 5th. day of this Year. With Rules and Tables for the measuring of Timber ; With many other things worth Observation.

The Characters of the Twelve Signs.

♀ Aries. ♂ Taurus. ♀ Gemini. ♀ Cancer. ♂ Leo.
 ♀ Virgo. ♂ Libra. ♀ Scorpio. ♀ Sagittary. ♀ Capricorn
 ♀ Aquarius. ♂ Pisces.

The Characters of the Planets, with the Dragons Head and Tail.
 ♀ Saturn. ♂ Jupiter. ♂ Mars. ♂ Sun. ♀ Venus. ♀
 Mercury. ♂ Moon. ♂ Dragons Head. ♀ Dragons Tail.

The Aspects.

⚓ Conjunction. ⚔ Sextile. ⚔ Quartile. ⚔ Trine. ⚔ Op-
 position.

A Brief Chronology of Memorable things to this Year, 1687.

Sing	The Creation of the World	5639
	Noah's Flood	3980
	The destruction of Sodom and Gomorrah	2189
	The destruction of Troy	2869
	Brutus entered this Island	1000 to 10000 B.C. (2794)

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The Building of <i>London</i>	2794
The Building of <i>York</i>	2676
The Building of <i>Leicester</i>	2631
The Building of <i>Canterbury</i>	2579
The building of <i>Stamford</i>	2550
The building of <i>Rome</i>	2439
The destruction of <i>Jerusalem</i> by <i>T. Vesp.</i>	1607
England first received the Christian Faith	1507
The Tower of <i>London</i> built	1122
Duke <i>William</i> Conquered <i>England</i>	621
<i>Westminster-Hall</i> was built	588
The Bible divided into Chapters	492
The Invention of <i>Guns</i>	309
The Art of <i>Printing</i>	247
<i>St. Pauls</i> Steeple fired by <i>Lightening</i>	126
New Star in <i>Cassiopeia</i>	114
A great Snow fell Feb. 4.	109
Tilbury Camp on <i>St. James's</i> day	99
A Plague in <i>London</i> , whereof dyed 30598	83
Gunpowder Treason, November 5.	82
A great Snow, and <i>Smithfield</i> paved	72
A great Plague in <i>London</i> , whereof dyed 35418	62
The Long Parliament began, Nov. 3.	47
King <i>Charles</i> the First was Murdered	39
Two Comets appeared in December and March	23
The doleful Plague that followed them	22
<i>London</i> was burnt. September 2. 3, 4, 5,	21
The last great Snow	13
The wonderful Comet in December	7
A Comet in August	5
The terrible Fire in <i>Wapping</i> , November 19.	5
A great Earthquake, October the 6th.	4
The last great Frost	3
The Rebellion in the <i>West</i>	2

Of the Eclipses this Year.

THE Inhabitants of this Terrene-star, will this year behold but two Eclipses; (there being no Full Moon Eclipse this year,) they are both of them of the Sun, but neither of them visible to us.

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2794 The first of them is upon the first day of *May*, about one of
 2676 the Clock in the Afternoon; but the Latitude and Parallax of
 2631 the Moon at that time do put her half a hairs breadth (at the
 2579 least) too low, for interposing betwixt any part of the Sun's
 2550 Body and us.

2439 If the Sun do appear to be Eclipsed, half a quarter of a fin-
 1607 gers breadth, to any part of *England*, it must be about the
 1507 Lizard-point, or the Lands end, whither the curious may re-
 1122 pair to make Observation. But though this Eclipse appear not
 621 to us, yet it is a great one, and may in part be seen by the In-
 588 habitants of *Spain* and *Morocco*, also in *Libia deserta*, *Guinea*,
 492 and about the River *Niger*, and it will appear very great to
 309 those that Navigate upon the Sea called *Mare del Nort*, about
 247 the Island of *St. Paul*, also to the Inhabitants of *Egypt*, *Nubia*,
 126 and beyond the Equator, about *Congo*, *Angola*, *Zanzibar*, &c.

114 The second Eclipse happens upon the 26th day of *October*,
 109 about six of the Clock in the Morning, and therefore invisible
 99 unto us, the Sun not being Risen: But it will appear very
 83 great to them that inhabit far *Eastward*, and near to the Equa-
 82 tor; It is Celebrated in thirteen degrees of *Scorpio*, and with-
 72 in a degree of the Moons South Node.

62 Astrologers observe, that an Eclipse of either of the Lumi-
 47 naries happening in *Taurus*, *Virgo*, or *Capricorn*, presages great
 39 lack and scarcity of Grain and Fruit. If it happen in *Cancer*,
 23 *Scorpio* or *Pisces*, death of the common people, long continu-
 22 ing troubles, wars, death of fishes, water-fowls, &c. but these
 21 Eclipses not being visible to us, we need not therefore fear
 13 their effects. Thus much of Eclipses.

5 Of the Four Quarters of the Year, and first of the Spring,

4 **T**HE Spring Quarter, according to our vulgar account, be-
 3 gins at such time as the Earth by entring *Libra*, doth
 2 cause the Sun to appear to enter *Aries*, which this year hap-
 1000 pens upon the 10th day of *March*, about 8 of the Clock in the
 1000 Morning, making equal day and night to all the World, (ex-
 1000 cept under the Poles). Now as there is an equality in the day
 1000 and night, so is there in the temper of the Air, by which the
 1000 pores of the Earth are relaxed, and a vivifying fume evapora-
 1000 ting, doth ascend by the cold and chillified Roots of Herbs and
 1000 The

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Plants, and produceth their vegetable Life. The nature of this Quarter is generally hot and moist, which if it should prove otherwise, it bringeth sudden strange diseases, and noxious distempers. Such persons as are naturally Melancholly do enjoy their Healths the best this Quarter; The Sanguine the contrary; Youth and Childhood are inclinable to many distempers, but Age is vivacious and lively. Those diseases that proceed from excess and putrefaction of blood are most dangerous, but such as have their Original from Melancholly, are less hurtful.

Here some would perhaps have erected a Figure of the Heavens, and from it have given their judgment of the condition and state of the ensuing year; But what need of that, we have much more certain Prognosticks of evil and mischief to come upon us, than the worst position of the Heavens, or the most afflicting Rays of the most malignant Stars; viz. The abounding of debauchery and wickedness; such as those horrid Oaths, Blasphemies and Curses which are so frequently heard amongst us; The intemperance and uncleanness, the swinish drunkenness and excess, with immoderate gaming, and their Consequents, Quarrelling and Duelling. These (unless God through his Mercy be pleased to divert, or forbear to inflict his Judgments) will not go unpunished, though the Heavens look never so propitiously upon us: And should the Heavens seem to portend never so much evil and mischief to us, yet if we repent of, bewail, and amend our sinful lives, then shall all these evils be turned from us, then we need not fear the Influences of the Stars, though they behold us with the most malignant Aspect; neijther need there be any further enquiry how they stand affected, unless it be to sacrifice such as are of the same Opinion with those that the Poet takes notice of in his first Canto on Hudibras, where speaking of his Companion Ralph, says,

He could foretell what's ever was
By consequence to come to pass.

As death of great men, alterations,
Diseases, Battles, Intentions.

All this without th' Eclipse of Sun,
Or dreadful Comet, he hath done;
By inward light, a way as good,
And easie to be understand;

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But with more lucky hit than those,
 That use to make the Stars depose,
 Like Knights o'th' post, and falsly charge,
 Upon themselves, what others forge :
 As if they were consenting to
 All mischief in the world men do ;
 Or like the Devil, did tempt and sway 'em
 To Rogueries, and then betray 'em.

I shall conclude the Spring Quarter with my usual advice, viz. in *March* be not too busie in purging or bleeding, but rather Bathe, and use such meats, or medicines, as purge and sweeten the blood ; in *April* you may freely bleed or bathe, if there be occasion, also to purge the Stomach by potion or otherwise is very good, but drink moderately for it is the most dangerous time of all the year for excessive drinking, also forbear Salt meats : in *May* you may purge gently the body or blood, or open a Vein ; to drink clarified whey is good, but forbear Wine, and such meats as are of a hot quality.

Of Summer.

Summer Quarter this Year beginneth the 11th. day of *June*, 31 minutes past 10 in the morning ; then the Sun entring the Tropical sign Cancer, maketh the longest day & shortest night to all the inhabitants on this side the Equator. The natural constitution of this quarter is hot and dry, sympathizing with choleric and melancholy, persons of Phlegmatick constitutions are best in health this quarter the cholericke the contrary, now ancient people revive, but young people languish through the excess of blood and cholericke with which they abound, and they are much exposed thereby to Feavers, especially the Tertian, and those diseases are more dangerous that proceed from blood, and cholericke, than those that arise from blood and phlegm : in the month of *June* use not such meats as ingender raw crude, and moist humours, now a draught of good White-wine taken fasting purges cholericke, and offensive humours from the Stomach, eat moderately, and such meats as are easily concocted. Now 'tis excellently wholesome to rise early, and to exercise the body with moderate walks. In *July* beware of bleeding or purging unless there

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be great necessity, in this and the next month refrain immoderate exercise and venery, and drink not much Wine for now it dryes the Stomach and Liver, and doth too much increase choller, beware also of eating such meats as ingender melancholy and of taking cold.

Of Autumn.

Autumn doth this year begin upon the 13th. day of September about 51 min. after one of the clock in the morning, the Earth then entring Aries, or the Sun Libra, again making equal day and night. This quarter is naturally cold and dry resembling melancholy, youth is now lively, but aged persons languish, persons of moist and plegmatick constitutions are now best in health, but melancholy the contrary. In September eat moderately of all such meats and fruits as your stomach desires, for they are now in their vigour and perfection, in this month and next you may bleed or purge, if there be occasion, but in November melancholy increaseth, and blood decreaseth, to vomit sometimes may do well but bathing is not good, now salt or powdered meats may be eaten without any prejudice, roasted meats and wild Fowl are now held to be very wholsome, in this quarter beware of taking cold.

Of Winter.

Winter quarter begins the 11th. day of December about 53 min. past one of the clock in the Afternoon, the sun appearing in the first scruple of the Tropical sign Capricorn, making the shortest day, and longest night to all on this side the Equator. This quarter is cold and moist, youth therefore and choleric persons are best in health, but aged and plegmatick the contrary. In December melancholy and phelgm do much increase, which are heavy, dull, and cold, therefore keep warm and eat such meats as are of a hot quality, neither bleed nor purge in this month, or the next, but in February you may if there be occasion, as also bathe or take potions, if there be necessity, you may without prejudice.

Having in the Kalender mentioned several fixed stars, and sometimes told you the time of their Rising, or their coming to South, I will here shew you how to find it all the year more exactly. In the following Table you have first the seven stars southing for every fiftieth day, secondly the difference in southing,

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between those several stars and the seven stars, which added to the time of the 7 stars southing giveth theirs. Thus I would know what time the great dog star is south the 6th. day of Feb. I then find the 7 stars south at 5 hou. 28 min. to which I add 3 hours 2 min. the difference annexed to the great Dog, and it gives 8 hou. 30 min. the time of its southing to which if you add the semi-diurnal Arch, 4 hou. 31 min. it gives 13 hou. 1 min. or 1 hour 1 min. in the morning for the time of its setting.

ADVERTISEMENT.

Those highly approved, and only truely Spirit of Scurvy Gras, both plain and golden, famous for the Cure of the Scurvy, Dropsie, and several other general Distempers, are exactly and faithfully prepared by Martha Hooker, Executrix of Mr. Robert Bate-man at his House in Pauls-Chain, near Doctors Commons, London, Pride 1 s. each bottle, the bottles being sealed with his Coat of Arms, the Half-moon and Ermins, with Printed Direction to each bottle, which is to prevent your being cheated with Counterfeits which are lately started up, which notwithstanding all the late pretences, our own Experience tells us that these are the true Spirits.

Those incomparable Diaphoretick and Diuretick Pills, working by Sweat and Urine, the two most friendly Evacuations, to humane Nature, and famous in Stubborn and dolorous diseases, commonly known by the name of Matthews Pills, are prepared according to the method of the first Author, the Learned Dr. Starkey, and to be had at the first House on the Right hand in Gun-yard in Houndsditch, London.

All sorts of Chymical Preparations now in use, are faithfully prepared, and sold by Christopher Pack, at his Elaboratory, at the sign of the Globe and Furnaces in the Postern-street near Moregate, where a Catalogue of the said Preparations with their prices may be had gratis.

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A Table shewing the Hour and Minute of the Seven Stars coming to South, every 5th day of this year, 1687.

Moneths	Dayes of the Moneth.							
	I	6	II	16	21	26		
	H.	M.	H.	M.	H.	M.	H.	M.
January	7	A 56	7	A 35	7	A 13	6	A 31
February	5	A 48	5	28	5	94	54	31
March	4	A 03	42	3	24	3	52	47
April	2	A 91	50	1	32	1	13	54
May	0	A 16	11	M 56	11	M 36	11	M 55
June	10	M 11	9	51	9	30	8	48
July	8	M 8	7	48	7	27	7	48
August	6	M 6	5	48	5	29	4	51
September	4	M 12	3	54	3	36	3	19
October	2	M 24	2	51	46	1	27	1
November	0	M 25	0	51	A 41	11	A 18	10
December	10	A 14	9	A 52	9	29	9	78

A Table shewing the difference in hours and minutes between the coming to south of several fixed stars, and the seven stars, as also their semi-diurnal Arches thereby to find their rising and setting.

Names of the Stars.	Diff.	semid.	Names of the Stars.	Diff.	semid.
	south.	Arches		south.	Arches
	h.	m.		h.	m.
Aldebaran E. eye	0	49	7	28	Lions heart, Basil.
2d. in Orions Girdle	1	51	5	54	Virgins Spike
Gr. Dog. Sivine	3	2	4	31	Arcturus
Castor 1st. head	II	3	46	9	South ballance
Lit. Dog. Procyon	3	54	6	32	North ballance
Pollux, 2d. head	II	3	57	9	4 Northern Crown
Northern Ass.	4	56	8	12	bright * Lyræ
Southern Ass.	4	58	7	49	bright * Vulturis

Here followith some few Rules, and Tables, for the mensuration of Superficies and Solids.

For the Mensuration of Superficial or flat measures, such as board, Glass, Pavement, Hangings, &c. it will be necessary

S A U N D E R. 1687.

cessary to know how to measure any plain superficial figure, as the Square, Long-square, or Parallelogram, Triangle, Circle, parts of the Circle, &c. examples of all which do here follow.

I. How to measure a Square.

Let there be a square floor, or pavement, the sides whereof are each of them 5 feet 6 inches, and 'tis required to know how many square, or superficial feet are contained therein. First (a good plain way to avoid Fractions will be to) Reduce the whole side into inches, 5 feet, 6 inches, being 66 inches, multiply 66 by 66, and the Product will be 4356, the superficial Content in inches; then divide 4356 by 144 (the square inches in one foot) and the Quotient will be 30 feet, and 36 inches remaining, which is the number of inches in one quarter of a foot; so that in such a square is contained 30 feet and one quarter. See the Margin.

66	
66	
—	
396	
396	
—	
4356	
4388	
144	
—	(30)
432	
36	

II. To measure the Long-square or Parallelogram.

Suppose there be a Pavement whose length is 72 feet, and breadth 12 feet, how many feet is contained therein.

72	
72	
—	
144	
12	
—	
854	

Multiply 72 in length, by 12 the breadth, and the product will be 854, and so many superficial feet are contained in that Pavement.

III. To Measure a Long Superficies, which is broader at one end than at the other.

Let there be a superficies whose length is 72 inches, the breadth of the greater end 50 inches, and the breadth of the lesser end 34 inches, and let it be required to know how many feet are contained therein. First, add the breadths of both the ends together, which maketh 84, take half thereof, which is 42, which being multiplyed by 72 the length, the product will be 3024 the content in inches, which being divided by 144 (the inches in

72	
42	
—	
144	
288	
—	
3024	
144	
—	
288	(21)
144	
—	
one	

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one foot) the Quotient will be 21 feet, and nothing remaining so that there is exactly 21 feet in such a superficies.

IV. How to Measure Triangles.

All Right lined Triangles are measured by this general Rule.

Multiply half the length of the Base by the whole Perpendicular. Or, the whole length of the Base by half of the Perpendicular.

Suppose the Base of a Triangle be 44, and the Perpendicular 26, what is the Content.

Multiply 44 (the Base) by 13, (half the perpendicular) the Product will be 572 : Or 22 (half the Base) being multiplied by 26, (the whole perpendicular) the Product will be 572, as before, which is the Content of such a Triangle.

V. All Trapezias, or figures with four unequal sides ; also Multangular, or many sided irregular figures, must be divided into Triangles, and those Triangles measured as before is taught, and their sums added together will give the Content of such irregular figures. And note, that the least number of Triangles, into which any plot or irregular figure may be reduced, will be less by two than the number of the sides of such irregular figures.

VI. How to Measure Circles, and parts of Circles.

The Diameter of every Circle hath such proportion to the circumference of the same Circle as 7 hath to 22. Therefore the Diameter being given to find the circumference, you must multiply the Diameter by 22, and the Product being divided by 7, the Quotient will be the circumference. Thus, suppose the Diameter of a Circle be 14, multiply 14 by 22, the Product will be 308, which being divided by 7, the Quotient is 44, being the circumference of that Circle whose Diameter is 14.

Having the Circumference to find the Diameter.

Multiply the circumference given by 7, the product divide by 22, and the Quotient will be the Diameter. Let the circumference of a circle be 60, multiply 60 by 7 the product will be 420, which being divided by 22, the Quotient will be 19, and $\frac{2}{11}$ or $\frac{1}{11}$ which is the Diameter.

To find the Area or Superficial content of a circle. Multiply half the circumference by half the Diameter, the product

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is the content of the circle: Thus, Let the circumference be 60, the half whereof is 30, and the Diameter $19\frac{3}{22}$ the half whereof is $9\frac{1}{22}$, by which multiplying 30, the product will be $286\frac{4}{11}$ which is the superficial content of such a circle; or,

By the Diameter to find the Area of the circle. First, square the Diameter, multiply the square by 11, and divide the product by 14, the Quotient is the superficial content of the circle.

Let the Diameter be as above $19\frac{3}{11}$ the square whereof is $364\frac{5}{121}$ this multiplyed by 11 produceth $4009\frac{1}{11}$ which being divided by 14 the Quotient is $286\frac{4}{11}$ as above, being the superficial content of such a circle.

To Measure the superficial content of half the circle, the quarter of a circle, or of any other section of a circle, more or less, having the semidiameter given.

Multiply half of the compass thereof by the semidiameter of the circle, so shall you have the content.

Of the Mensuration of Solids.

AS Plain or Superficial Measure consisteth of two dimensions, namely, length and breadth; so Solid measures consisteth of three dimensions, namely, length, breadth and thickness.

To Measure any kind of Timber, either Square, Triangular, Round, or of any other Fashion, provided it be straight and equal all along.

Cast up the superficial Content at the end thereof, by the Rules before going, for the finding the Content of the Square, Triangle, Circle, &c. which Superficial Content being multiplyed by the length of the Piece, will give you the Solid Content thereof. Example. Let there be a piece of Timber, (or other solid matter) whose breadth is 18 inches, its depth 13 inches, and length 142 inches, to find how many solid feet are contained therein. First, multiply the breadth 18 by the depth 13, the product is 234, being the superficial inches at the end of the piece. Secondly, multiply this 234 by 142 the length of the piece, and the product will be 33228, the solid Content in

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in inches. Thirdly, divide 33228 by 1728, (being the number of cubical inches in one solid foot) and the quotient will be 19, and 396 inches remaining, which is 19 solid feet, and almost one quarter of a foot, and so much is the solid content of such a piece.

A second Example of a round piece. Let there be a round piece of Timber whose compass is 60 inches, and the length 20 feet, (or 240 inches) and let it be required to find the solid content thereof. First, by the help of the circumference 60, find the Diameter (as before is taught) by multiplying 60 by $\frac{7}{22}$, and dividing the product thereof by 22, so shall you find the Diameter to be $19\frac{1}{2}$: Then by either of the ways before taught, viz. by multiplying half the circumference by half the Diameter; or by (squaring, or) multiplying the Diameter in it self, and multiplying that square by 11, and dividing the product by 14, the superficial content of the end of such a piece will be found to be $286\frac{4}{11}$ inches. Now multiply this $286\frac{4}{11}$ by the length of the piece 240, and the product will be 68727 the content in inches, which being divided by 1728, the Quotient will be 39 feet, and 3 quarters of a foot, and $39\frac{3}{11}$ inches remaining, which is the solid content of such a piece of Timber.

But had this piece of Timber been measured by that egregiously false way of taking the fourth part of the Girt for the side of the square equal, it would have been found to be but $31\frac{1}{2}$ feet, and one quarter of a foot, which is above one fifth part less than the truth, it being 39 feet, and above 3 quarters.

In behalf of that erroneous way many do plead, that in round Timber there is great loss in chipping to bring it near a square, therefore that way may be allowed; but this is very unequal: in great Timber there being little loss, in small Timber much, let therefore the quality be considered, rather than make such unequal amends by a false quantity.

Of the Mensuration of Tapering Timber, either round or squared, such as Frustums of Cones and Pyramids.

First, find the superficial Area of each end of the piece, and multiplied the one Area by the other. Secondly, out of

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the product of the two Area's, extract the Square Root. Thirdly, add this Root and the two Area's all into one sum. Lastly, multiply this sum by one third part of the length of the piece, and that product shall give you the Content.

Let there be a piece of Timber whose Circumference at the greater end is 66 inches, at the lesser end 44 inches, and the length 20 feet, and it is required to find how many solid feet are contained therein. First, the Area of the Circle at the greater end (by multiplying half the Circumference 33 by half the Diameter 10 $\frac{1}{2}$) will be found to be 346 $\frac{1}{4}$, and the Area of the Circle at the lesser end will be 154: These multiplied together do produce 53361. Secondly, out of this product extract the Square Root, which is 231, (for 231 being multiplied in it self produceth 53361). Thirdly, add the two Areas, and the Square Root 231 together, and the sum of them will be 731 $\frac{1}{2}$. Lastly, multiply 731 $\frac{1}{2}$ by 80 inches, (one third part of the length) and the product will be 58520, being the soild inches contained therein, which inches being divided by 1728, the Quotient will be 33 feet, and 1496 inches remaining, which is 3 quarters of a foot, and almost half a quarter.

To find the Content of Tapering Timber, other wayes than is taught above.

These pieces being parts of Cones or Pyramids, their Contents may be found by seeking the Content of the whole Cone or Pyramid, (of which they are part) and the Content of that part which is wanting, for that part being substracted from the whole, the remainder must be the Content of the part required.

Now the way to find the content of a Cone or Pyramid is, to multiply the superficial Content of the Base by one third part of the length; and to find the length of the top part of a Cone or Pyramid which is wanting; say thus, as the difference of the sides, or Diameters of the two ends, to the length between them; so is the side, or Diameter of the greater end, to the whole length. Example, of the piece before mentioned, whose greater end is 66 inches about, and the lesser end 44; hence the Diameter of the greater end will be 21, and the Diameter of the lesser end will be 14, and their difference is 7, therefore say, if 7 give 20 feet what will 21 give; Answer, 60 feet, being the whole length of the Cone; now the superficial content

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content of the Base of this Cone, (being $34\frac{1}{2}$ inches) multiplied by 240 inches, (one third part of the length of the whole Cone) produceth 83160 inches, the content of the whole Cone. And the superficial content of the lesser end, (which is the Base, of the top (or wanting) part of the Cone) which is 154, being multiplied by 160, (one third part of the length of the top (or wanting) part) produceth 24640 inches, the content of the wanting part, which being substracted from 83160, (the content of the whole Cone) the remainder is 58520 inches, the content of the part required, being the same as before.

Here followeth Tables ready calculated, for the Measuring of Squared or Round Timber, which is supposed to be equal all along: Their use is thus, seek the side of the Squared, or compass of the Round Timber, in the first, third or fift columns of the Tables, and against it, in the next column you have the length of a solid foot. Thus, the side of a squared piece of Timber being 20 inches, the length of a solid foot will be 4 inches, and 3 tenth parts of an inch: And the compass of a round piece, being 80 inches the length of a solid foot will be found to be 3 inches, and 39 hundredth parts of an Inch.

A Table, shewing how much in length will make a Solid foot, of any Square Stone or Timber: The side of the Square being given in inches, from one inch to 26 inches square.

Side of the Square. Inch.	Length of a solid foot.			Length of a solid foot.		
	Side of the Square. Inch.	Length of a solid foot. Inch. inc. 10ths.	Side of the Square. Inch.	Length of a solid foot. Inch. inc. 10ths.	Side of the Square. Inch.	Length of a solid foot. Inch. inc. 10ths.
1	44 0 0		13	10 2	25	2 8
2	36 0 0		14	8 8	26	2 6
3	16 0 0		15	7 6	27	2 3
4	9 0 0		16	6 7	28	2 2
5	5 9 2		17	5 9	29	2 1
6	4 0 0		18	5 3	30	1 9
7	2 11 2		19	4 8	31	1 8
8	2 3 0		20	4 3	32	1 7
9	1 9 3		21	3 9	33	1 6
10	1 5 3		22	3 5	34	1 5
11	1 2 3		23	3 3	35	1 4
12	1 0 0		24	2 0	36	1 2

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A Table shewing how many inches in length will make a foot solid, of any round piece of Timber or Stone, the Girt being known, from 12 inches compass to 100.

Com. len. of a foot	Com. len. of a foot	Com. len. of a foot
Inch.	Inch.	Inch.
100 p.	100 p.	100 p.
11 179	41 12	71 4
12 150	42 12	72 4
13 128	43 11	73 4
14 110	44 11	74 3
15 94	45 10	75 3
16 84	46 10	76 3
17 75	47 9	77 3
18 67	48 9	78 3
19 60	49 9	79 3
20 54	50 8	80 3
21 49	51 8	81 3
22 44	52 8	82 3
23 40	53 7	83 3
24 37	54 7	84 3
25 34	55 7	85 3
26 32	56 6	86 2
27 29	57 6	87 2
28 27	58 6	88 2
29 25	59 6	89 2
30 24	60 6	90 2
31 22	61 5	91 2
32 21	62 5	92 2
33 19	63 5	93 2
34 18	64 5	94 2
35 17	65 5	95 2
36 16	66 4	96 2
37 15	67 4	97 2
38 15	68 4	98 2
39 14	69 4	99 2
40 13	70 4	100 2
57	43	17

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From Ouston in Com. Leicester,
Aug. the 10th. 1686.

FINIS.