

notion  
-notion

no test

ROOM FIFT

Passover

Ferry

A.D. 1854.

H

ИТ-ИТ-ИТ

Passover (Pesach)

《False》

Passover Graph 1  
(Time)

MON 2M W 4M

MAR 11 1964

P. 13

F.M. Line

Deve Deve

Max. For. 1000

[illegible]

३३

Q

11-03	1-50
12-08	1-28
14-10	1-70
16-28	1-10
18-30	1-81
19-33	2-12
20-00	1-30
21-30	1-20
23-09	1-00

61. 19A  
1. 19A  
25. 19A  
41. 19A  
S. 19A  
SS. 19A  
SI. 19A  
OS. 19A

81	•TqA
8	•TqA
73	•TqA
511	•TqA
4	ValM
35	•TqA
31	•TqA
30	•TqA

H

14 Nisan

Apr. 18

Apr. 17

Apr. 25

Apr. 14

May 2

Apr. 22

Apr. 12

Apr. 30

Passover Graph II

(False)

28 30 32 34 36

A.D.

Feria

M F V N S 1 2 3 4 5

16

15

Passover Line

Full Moon

14

13th day

after con-  
junctionMax. Per.  
Days

14.39

15.09

15.36

15.52

16.39

17.62

14.16

15.93

15.56

15.56

Apr. 18

Apr. 8

Apr. 27

Apr. 15

May 4

Apr. 23

Apr. 12

Apr. 30

Passover Graph I

(True)

29 31 33 35 37

M N S 1 2 3 4 5

P. Line

Fall. Line

b

a

13.94

14.39

15.09

15.36

15.52

16.39

17.62

14.16

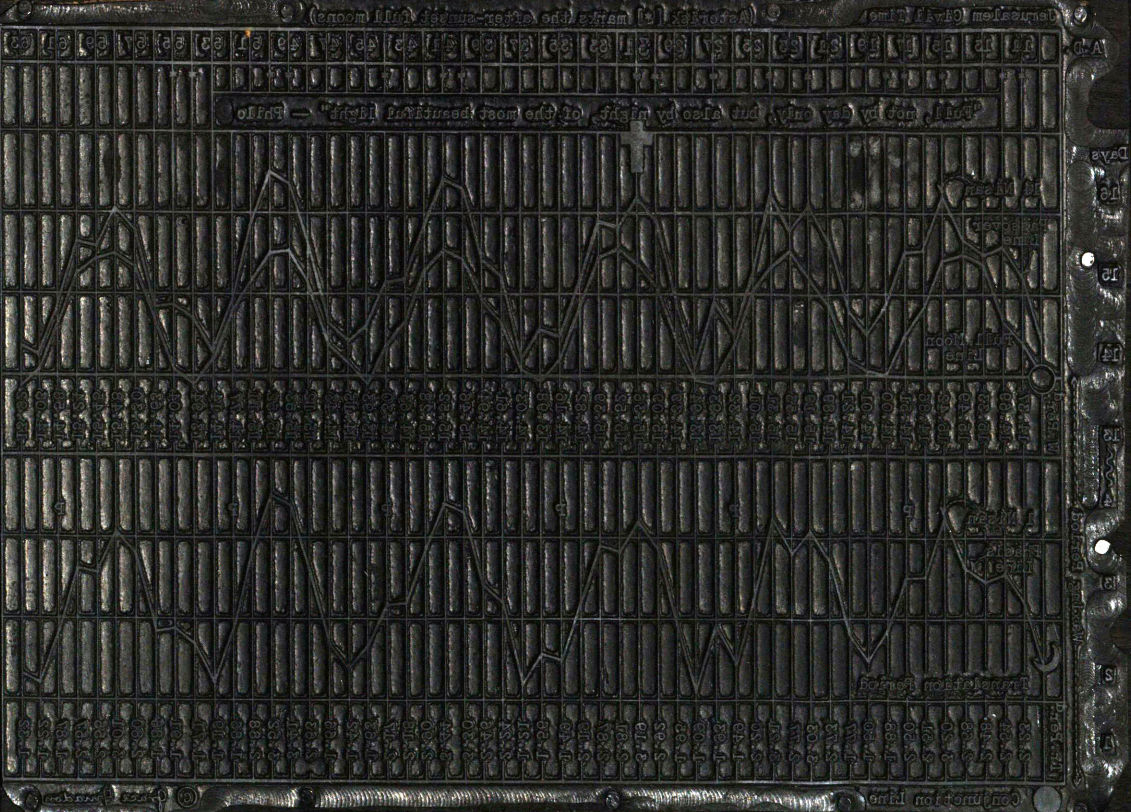
15.93

15.56

15.56



# RELATION OF ANCIENT PASSOVER TO FULL MOON



1 = Moon, 2 = Passover, 3 = Easter, 4 = Lent, 5 = Full Moon



# RELATION OF ANCIENT PASSOVER TO FULLMOON

Jerusalem (Civil Time)

(Asterisk (\*) marks the after-sunset full moons)

A.D.

11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 55 57 59 61 63

"Full, not by day only, but also by night, of the most beautiful light" — Philo

Days

16

15

14

13

12

11

10

9

14 Nisan

Passover Line

Full Moon Line

1 P.M.

1 Nisan

Perigee Line

Translation Period

Conjunction Line

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# NATURE OF ANCIENT JEWISH CALENDAR

A.D. 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

## I JEWISH NEW MOON GRAPH

Passover = day after 3rd

Dev after continu

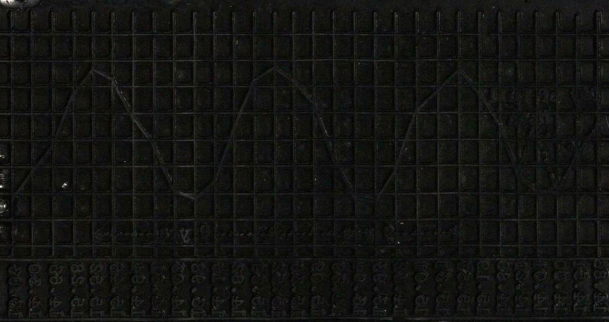


## II NEW MOON GRAPH (Schoon Conception)



Passover = before, on, or after P.M.

## III LUNAR PERIOD GRAPH (Astronomical)



Ap = Anaphora, Per = Perseus



# NATURE OF ANCIENT JEWISH CALENDAR

A.D.

16 18 20 22 24 26 28 30 32 34 36 38 40 42 44

Day  
after  
conjunction

## I JEWISH NEW MOON GRAPH

Passover = day after F.N.

J. O. T. Ap Per Ap Per Ap (Brown)



## II NEW MOON GRAPH (Schoch Computation)

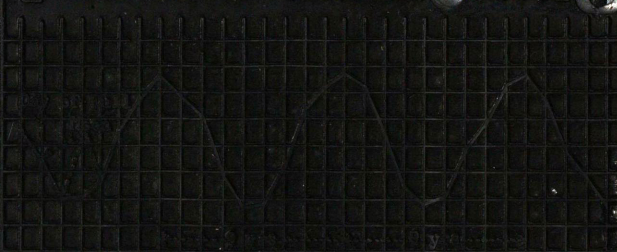
J. O. T. Ap Per Ap Per Ap (Brown)



Passover = before, on, or after F.N.

## III WAKING PERIOD GRAPH (Astronomical)

Nisan



14.83	14.50	14.50	14.50	15.19	15.54	15.04	14.83	15.93	15.93	15.93	15.54	15.54	15.54	15.54	14.83	14.18	15.93	14.08	14.54	15.45	15.52	15.28	14.65	14.30	15.53
-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

F.N. = Translation Period. Ap = Apogee. Per = Perigee





At the solstices, the ecliptic is parallel to the equator.

CANCER and CAPRICORN  
Summer and Winter  
Solstices

ARIES  
Vernal Equinox

PROPORTIONATE TIMES OF MOONSET  
(Long setting and Short setting)

LIBRA  
Autumnal  
Equinox

$90^\circ$  = latitude  
of observer =

HORIZON

Lines a, b and c, and d represent the proportionate time of moonset after sunset. Assuming that the moon has moved the same distance east from the sun at sundown at the four epochs given: i.e., at spring (♈) equinox, summer (♊) solstice, autumn (♏) equinox, and at the winter (♋) solstice, the times required before moonset are proportional to a, b and c, and d. Hence 'a' is called the time of long setting, and 'd', the time of short setting.

Ecliptic

Ecliptic

Sun's Limb

Sun's Center

Edwin H. Draper

Associate Astronomer, United States  
Naval Observatory





1767 1770 1773 1776 1779 1782 1785 1788 1791

## Dezires

7-02 7-50 7-17 6-39 5-95 5-90 6-24 6-34 7-37 7-68 7-31 6-34 6-24 6-98 5-95 6-40 6-84 7-51 7-64 7-45 6-75 6-32 5-92 6-03 6-31

70

60

1510

P = Perigee

Ap = Apogee

9 years

9 years

NISAN TRANSLATION PERIOD

## 9 Years

9 years

13

2

1

1 Nisan

Days

## Construction Line

2000-2001

GEMA



# ABSID CALNDAR POSITIONS FOR 14 NISAN

Full Moon

On P.M.

Continuation

36 A.D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
37 A.D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
38 A.D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
39 A.D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
40 A.D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
41 A.D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
42 A.D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
43 A.D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
44 A.D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
45 A.D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
46 A.D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
47 A.D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
48 A.D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
49 A.D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
50 A.D.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30



C

## ABSURD CALENDAR POSITIONS FOR 14 NISAN

Conjunction

On P.M.

Full Moon



Tr. Per. = 2.16 hrs.

Nisan



Tr. Per. = 7.92 hrs.

Nisan



Tr. Per. = 8.90 hrs.

Nisan



Tr. Per. = 16.39 hrs.

Nisan

Mean Apogee



Phasis 3 hrs. before conj.

Nisan

• Moon dates are in Jerusalem Civil Time.



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"Midst of the week"

CRUCIFIXION YEAR  
1753 A.D.

Friday, April 27

Wave  
Sheaf

Conjunction

10.58

Mean  
Phasis / Apogee

April 1

Full Moon

25.94



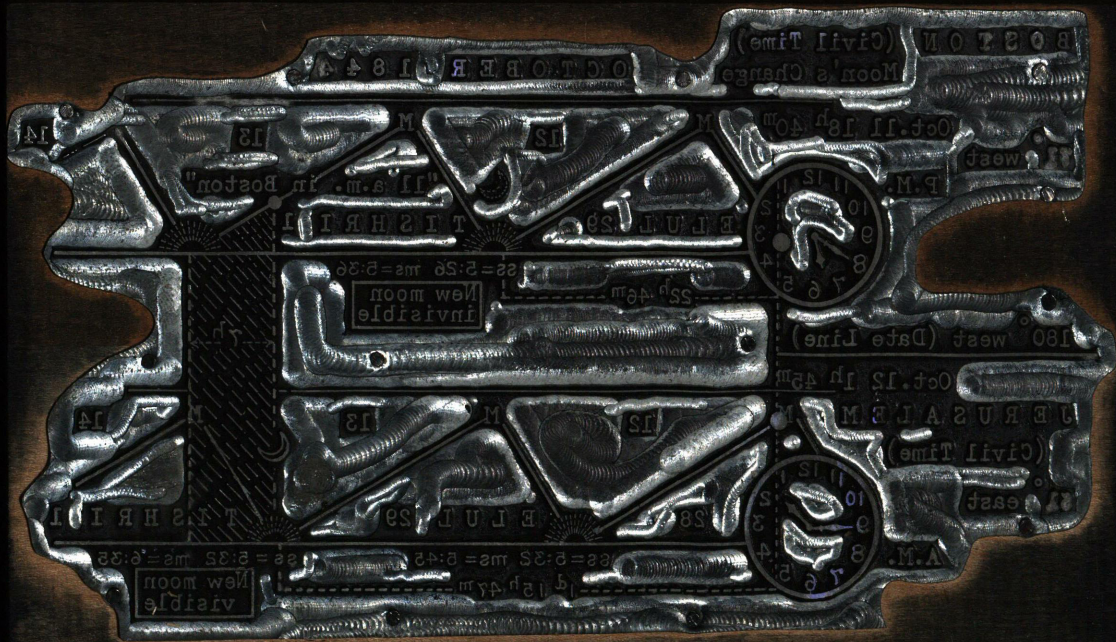
3.19 Days

15.36 Days

Fri Sat Sun

Translation Period

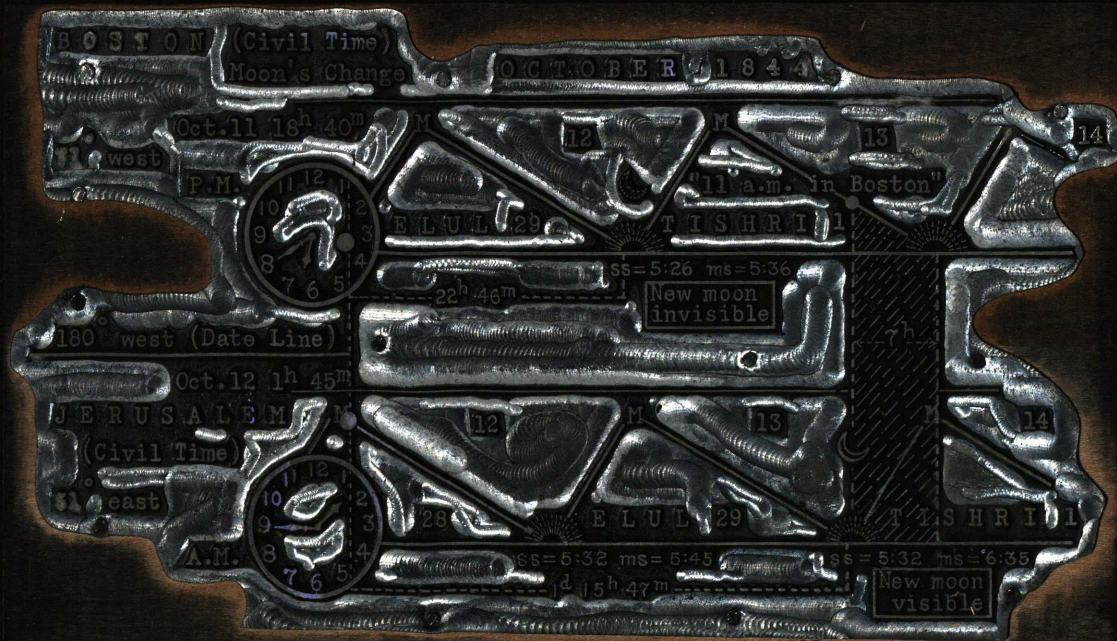
Waxing Period



The accompanying Clock Chart illustrates the October new moon in the west and in the east in 1844. The Millerites had to solve their problem in ancient Jewish time in particular relation to a western-meridian (America), instead of in Palestine. But in America, the astronomical conditions of the October new moon were different from those in Jerusalem; and the first day of the Jewish seventh month started at the sunset beginning of October 13, even though the new moon crescent could not be seen so far north as Boston on that date. Thus while the earliest first day of Tishri on a round world was October 13 in America, after the day crossed the date line it became October 14 in the month.

The Millerites did not wait until autumn to compare the October new moon date. They reckoned from April 13, which they called the first day of Nisan, and added to it six lunar months, or 183 days, thereby obtaining October 13 as the first day of Tishri in 1844. To this date they added nine days to get October 22, the "fifth day of the seventh month."





The accompanying Clock Chart illustrates the October new moon in the west and in the east in 1844. The Millerites had to solve their problem in ancient Jewish time in particular relation to a western-meridian (America), instead of in Palestine. But in America, the astronomical conditions of the October new moon were different from those in Jerusalem; and the first day of the Jewish seventh month started at the sunset beginning of October 13, even though the new moon crescent could not be seen so far north as Boston on that date. Thus, while the earliest first day of Tishri on a round world was October 13 in America, after the day crossed the date line it became October 14 in the

Near East. It began with an invisible crescent in New England; but as the earth revolved, the new moon finally made its first appearance at the sunset beginning of October 14 in Palestine, thus marking the latter part of the first day of the Jewish seventh month in 1844.

The Millerites did not wait until autumn to compute the October new moon date. They reckoned from April 19, which they called the first day of Nisan, and added to it six lunar months, or 177 days, thereby obtaining October 13 as the first day of Tishri in 1844. To this date they added nine days to get October 22, the "tenth day of the seventh month."







Phyllis  
Apothecary

30 A.D. (Fotheringham)

FIFTY  
ROOM

2009-09-25

Frage

1987-1988

TABLE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
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Journal of Applied Psychology, Vol. 4, No. 1, 1919

(b)(7) - (D)

[illegible]

Fall  
Moon

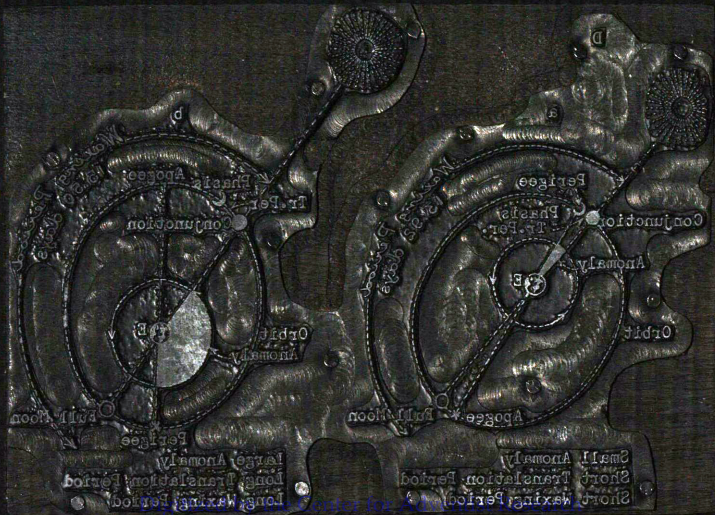
15.09 days

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Apr 4

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PASCHAL SEASON IN FIRST CENTURY

Abat New Moon Paschal Full Moon



Waxing Period

Verinal  
Equinox

1 Nisan Limits

Passover Limits

A P R I L

M A Y

8th

FIRST FRUIT BARLEY

WATER BAZILL

Snow Waxed Rain

A D A R

Period of  
Barley Harvest  
Full Moon

Spring rains end -  
the first week  
in April

\* Seal of Joseph, the Emendatione Temporum, p. 265, Franco-  
furt, 1893.



# PASCHAL SEASON IN FIRST CENTURY

Adar New Moon Paschal Full Moon

Waxing Period



Vernal  
Equinox

Nisan Limits

Passover Limits

MARCH

APRIL

MAY

WINTER RAIN

8th

FIRST RIPE BARLEY

6th

Snow Wind Rain

28 Days

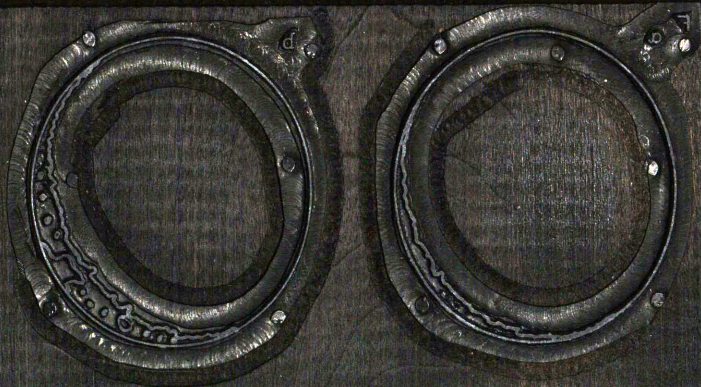
ADAR

NISAN

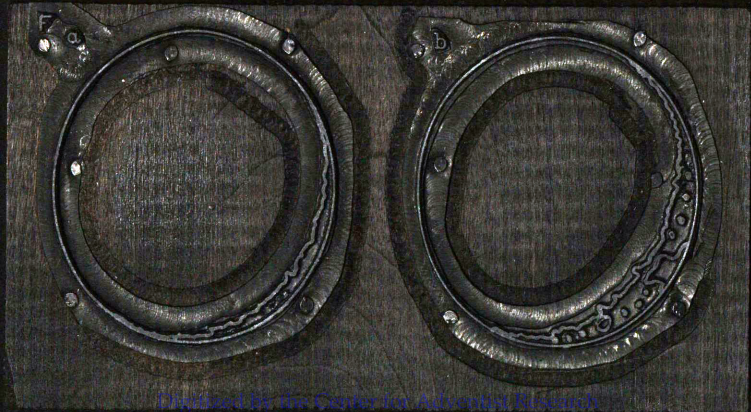
Spring rains ending first week in April

Period of Barley Harvest Full Moon

\* Seafinger, Joseph, De Erundatione Temporum, p. 265. Francofurt, 1593.



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10

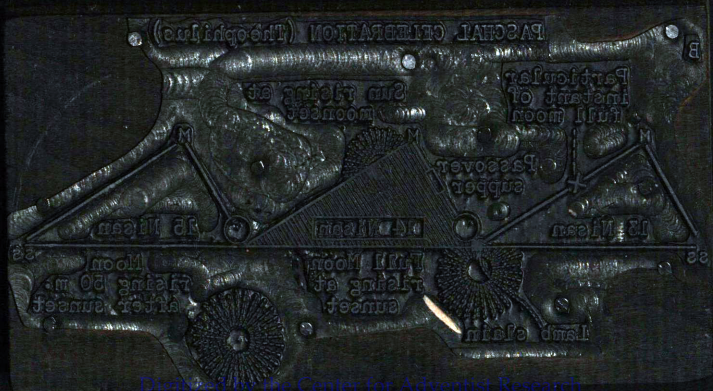
# JEWISH DATE KEY TO THE CRUCIFIXION YEAR



## John's Chronology

## Luke's Chronology

1. Pentecost = Sunday (Luke).
2. Resurrection Sunday = 16 Nisan (Luke).
3. Crucifixion Friday = 14 Nisan (Luke and John).
4. 22 Tishri = Tuesday (John).
5. Pre-crucifixion 1 Nisan = Sunday (John).





PASCHAL CELEBRATION (Theophilus)

B

Particular  
instant of  
full moon

Sun rising at  
moonset

Passover  
supper

13 Nisan

14 Nisan

15 Nisan

SS

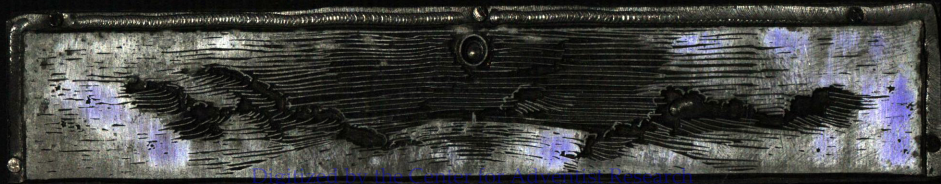
SS

Full Moon  
rising at  
sunset

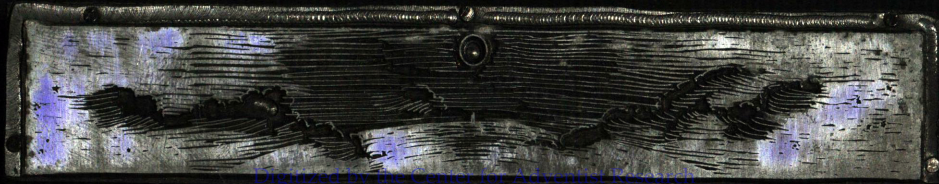
Moon  
rising 50 m.  
after sunset

Lamb slain

THEOLOGICAL ARTS



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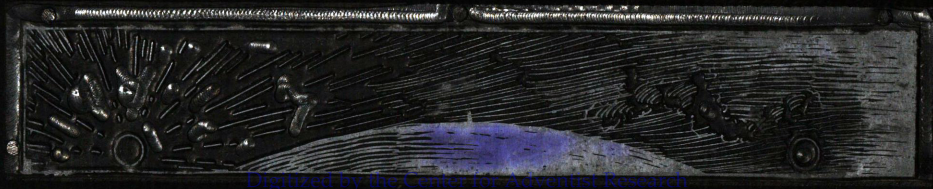


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