



# **Appendix to the Hebrew Calendar**

## *Doctrinal Study Paper*

All scriptures are quoted from *The Holy Bible, New King James Version* (© 1988 Thomas Nelson, Inc., Nashville, Tennessee) unless otherwise noted.

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## Alternative Holy Day Occurrences by Use of Different Calculations for the Years 26 to 34 C.E.<sup>1</sup>

(The dates listed below are drawn from the programs and listings of those who advocate various forms of calendar construction and calculation. The end result is that only one form of calendar construction (that in the first column) appears to coincide with the details of the Holy Days in the last year of Christ's ministry as recorded in the Gospel of John.)

| YEAR    | Festival  | Calculated With Postponements <sup>2</sup>   | Calculated W/Out Postponements <sup>3</sup>  | Observation <sup>4</sup>  |
|---------|---|--|--|---|
| 26 C.E. | Passover<br>1 <sup>st</sup> Day of UB<br>Last Day of UB<br>Trumpets <sup>5</sup><br>Molad: Mon Sept 30<br>2h, 375p <sup>6</sup> | Friday, April 19<br>Saturday, April 20<br>Friday, April 26<br>Monday, Sept. 30   | Friday, April 19<br>Saturday, April 20<br>Friday, April 26<br>Monday, Sept. 30         | Sunday April 21<br>Monday, April 22<br>Sunday, April 28<br>Wednesday, Oct. 2                    |
| 27 C.E. | Passover<br>1 <sup>st</sup> Day of UB<br>Last Day of UB<br>Trumpets<br>Molad: Fri Sept 19<br>11h, 171p                          | <b>Wednesday, April 9</b><br>Thursday, April 10<br>Wednesday, April 16<br><b>Saturday, Sept. 20</b><br><br>Dehioth # 1 | Tuesday, April 8<br>Wednesday, April 9<br>Tuesday, April 15<br><b>Friday, Sept. 19</b> | Thursday, April 10<br>Friday, April 11<br>Thursday, April 17<br>Sunday, Sept. 21                |
| 28 C.E. | Passover<br>1 <sup>st</sup> Day of UB<br>Last Day of UB<br>Trumpets<br>Molad: Thur Oct 7<br>8h, 760p                            | Monday, April 26<br>Tuesday, April 27<br>Monday, May 3<br>Thursday, Oct. 7   | Monday, April 26<br>Tuesday, April 27<br>Monday, May 3<br>Thursday, Oct. 7             | <b>Wednesday, April 28</b><br>Thursday, April 29<br>Wednesday, May 5<br><b>Saturday, Oct. 9</b> |
| 29 C.E. | Passover<br>1 <sup>st</sup> Day of UB<br>Last Day of UB<br>Trumpets<br>Molad: Mon Sept. 26<br>17h, 556p                         | Saturday, April 16<br>Sunday, April 17<br>Saturday, April 23<br>Tuesday, Sept. 27<br><br>Dehioth # 2                   | Friday, April 15<br>Saturday, April 16<br>Friday, April 22<br>Monday, Sept. 26         | Monday, April 18<br>Tuesday, April 19<br>Monday, April 25<br>Thursday, Sept. 29                 |

<sup>1</sup> Common Era.

<sup>2</sup> Source: *Holy Day Calendar*, © Ambassador College, 1988-89. Checked with Nelte, *Calgraph*, 1996.

<sup>3</sup> Source: Nelte, *Calgraph*, 1996.

<sup>4</sup> Based on details provided from a variety of sources, including: Herman H. Goldstein, *New & Full Moons: 1001 BC to AD 1561, Vol. 94*, American Philosophical Society, Philadelphia, 1973; Colin J. Humphreys and W.G. Waddington, "Dating the Crucifixion," *Nature* 306 (December 1983): 743-746; Jean Meeus, *Astronomical Formulae for Calculators*; Karl Schock, *Table for the Visibility of the New Crescent*; and the *Royal Nautical Almanac*.

<sup>5</sup> The day on which Trumpets occurs each year is the same day of the week on which the first day of Tabernacles and the Last Great Day will occur.

<sup>6</sup> Hours of Molad are based on the Roman day, starting at midnight. Molads given in *Calgraph* and Spier are expressed in terms of the Hebrew day, starting at 6 p.m., and are hence 6 hours later than these times. They do represent the exact same time.

| YEAR    | Festival  | Calculated With Postponements <sup>2</sup>   | Calculated W/Out Postponements <sup>3</sup>  | Observation <sup>4</sup>  |
|---------|---|--|--|---|
| 30 C.E. | Passover<br>1 <sup>st</sup> Day of UB<br>Last Day of UB<br>Trumpets<br>Molad: Sat Sept. 16<br>2h, 352p              | <b>Wednesday, April 5</b><br>Thursday, April 6<br>Wednesday, April 12<br><b>Saturday, Sept. 16</b>                       | <b>Wednesday, April 5</b><br>Thursday, April 6<br>Wednesday, April 12<br><b>Saturday, Sept. 16</b> | Friday, April 7<br>Saturday, April 8<br>Friday, April 14<br>Monday, Sept. 18                |
| 31 C.E. | Passover<br>1 <sup>st</sup> Day of UB<br>Last Day of UB<br>Trumpets<br>Molad: Thur Oct. 4<br>23h, 941p <sup>7</sup> | <b>Wednesday, April 25</b><br>Thursday, April 26<br>Wednesday, May 2<br><b>Saturday, October 6</b><br><br>Dehioth # 1    | Tuesday, April 24<br>Wednesday, April 25<br>Tuesday, May 1<br><b>Friday, October 5</b>             | Wednesday, April 25<br>Thursday, April 26<br>Wednesday, May 2<br><b>Saturday, October 6</b> |
| 32 C.E. | Passover<br>1 <sup>st</sup> Day of UB<br>Last Day of UB<br>Trumpets<br>Molad: Tue Sept 23<br>8h, 737p               | Monday, April 14<br>Tuesday, April 15<br>Monday, April 21<br>Thursday, Sept. 25<br><br>Dehioth # 3                       | Saturday, April 12<br>Sunday, April 13<br>Saturday, April 19<br>Tuesday, Sept. 23                  | Sunday, April 13<br>Monday, April 14<br>Sunday, April 20<br>Wednesday, Sept. 24             |
| 33 C.E. | Passover<br>1 <sup>st</sup> Day of UB<br>Last Day of UB<br>Trumpets<br>Molad: Sat Sept 12<br>17h, 533p              | Friday, April 3<br>Saturday, April 4<br>Friday, April 10<br>Monday, Sept. 14<br><br>Dehioth #'s 2 & 1                    | <b>Wednesday, April 1</b><br>Thursday, April 2<br>Wednesday, April 8<br><b>Saturday, Sept. 12</b>  | Friday, April 3<br>Saturday, April 4<br>Friday, April 10<br>Monday, Sept. 14                |
| 34 C.E. | Passover<br>1 <sup>st</sup> Day of UB<br>Last Day of UB<br>Trumpets<br>Molad: Fri Oct 1<br>15h, 42p                 | <b>Wednesday, April 21</b><br>Thursday, April 22<br>Wednesday, April 28<br><b>Saturday, October 2</b><br><br>Dehioth # 2 | Tuesday, April 20<br>Wednesday, April 21<br>Tuesday, April 27<br><b>Friday, October 1</b>          | Thursday, April 22<br>Friday, April 23<br>Thursday, April 29<br>Sunday, October 3           |

<sup>7</sup> This time is the sixth day of the Hebrew week and hence a prohibited day, so the new moon is postponed to the seventh day of the week.