

after Hr 3.20 thus:

(diagram)

after Hr 4.30 (diagram)

finally before sunrise Hr 0.30

(diagram)

9 Dec Hr 1.40 before sunrise, which is 8 Dec Hr 17.56 from noon

(diagram)

after Hr 1.0 (diagram)

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11 Dec Hr 1.25 before sunrise; on 10 Dec Hr. 1.25 [lined out?] from noon

(diagram)

13 Dec Hr 4.30 before sunrise; on 12 Dec Hr 15 from noon

(diagram)

after Hr 1 (diagram) after the rising of Venus Hr 0.30 at Hr 16 from noon

after Hr 2 (diagram) from first observation at Hr 17 from noon

(diagram) and after first observation Hr 2.40

Hr 0.30 before sunrise the 2 closer to Jupiter were almost touching each other and perhaps were truly touching each other and therefore by means of this most exact observation a correction of the tables can be arrived at.

14 Dec Hr 2.15 before sunrise; on 13 Dec Hr [entry inked out] from noon

(diagram)

(diagram) after an hour

(diagram) before sunrise Hr 0.40

15 Dec Hr 4.30 before sunrise; on 14 Dec Hr 15.6 from noon

(diagram) after Hr 3

slightly to the south

(diagram)

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16 Dec Hr 1 .30 before sunrise; on 15 Dec Hr 18.8 from noon

(diagram) to the north slightly

after Hr 1 thus (diagram)

17 Dec Hr 0.20 after the rising of Venus, which was Hr 3. before sunrise; on 16 Dec Hr 15.47 from noon.

(diagram)

The westerly ones were 2, conjoined, namely (#2) and (#3) and stayed ever in conjunction, so that scarcely at Hr 0.20 before sunrise something of the beginning of a separation was able to be discerned, truly thus, and the more westerly seemed to be raised slightly to the north; and was then distant from Jupiter 8 semidiameters, which observation marvelously leads to an emendation of the tables.

18 Dec Hr 0.20 after the rising of the moon, which was Hr 4.0 before sunrise; on 17 Dec Hr 15.37 from noon.

(diagram)

After 2 Hrs when the ones closer to Jupiter were indeed more fully separated, one of them, falling into the shadow of Jupiter, no longer appeared; the other truly was distant from Jupiter 3.20.

19 Dec Hr 0.30 before sunrise; on 18 Dec Hr [blank]

(diagram)

20 Dec Hr 1 after rising of Jupiter; on 19 Dec Hr [blank]

(diagram)

The others were hidden behind Jupiter and the westerly one hastened to conjunction. We wanted to stay up all night so that we might see the separation of the others, which after 4 hours we did not see; thence, seized and overcome by sleep, it did not befall us any longer to observe.