

1612 Feb

15 Feb Hr 2 (diagram)

17 Feb Hr 0.30 (diagram)

exact Hr 1.30 (diagram)

19 Feb Hr 0.30 (diagram)

21 Feb Hr 6 (diagram) The distances were taken without the instrument.

22 Feb Hr 5 (diagram)

23 Feb Hr 0.30 (diagram)

Hr 5 (diagram) The two closest to Jupiter were almost touching each other; these observations were most exact.

After Hr 0.5 the ones closest to Jupiter had come wholly together to the extent that within 5 minutes of time, or less, a most exact conjunction is manifestly distinguished from a most perceptible separation; it was a central conjunction without any turning away of one from the other.

After Hr 0.20 they were again separate, and, as I judge, their conjunction will have lasted nearly 0.15 hour; and after the separation, the one nearer to Jupiter seemed to be raised a bit to the north, because truly its turning away was quite slight; perhaps it was present before the coming together; however, it was not noticed by me. From these observations and from the preceding one it is gathered that (#2) was in middle perigee from day 22 of this month of Feb at Hr 10.10 from noon.

25 Feb Hr 1 (diagram) to the north from Don Benedetto

26 Feb Hr 0.50 (diagram)

Hr 4.20 (diagram) perhaps 2 had come together from Don Benedetto

28 Feb Hr 0.20 (diagram)

Hr 1.20 (diagram)

Hr 3 (diagram)

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- Hr 4. (diagram)
- 29 Feb Hr 0.20. (diagram) both were raised to the north
- Hr 1. (diagram)
- Hr 2. (diagram)
- Hr 4.30' (diagram)
- Hr 6. (diagram) the westerly one was declining to the south and was moving perceptibly to the east, the other stars remaining at nearly the same distances.
- 1 Mar Hr .40' (diagram)
- Hr 2. (diagram)
- Hr 4.10' (diagram)
- Hr 5.20' (diagram)
- Hr 6.30 (diagram) The two easterly ones closer to Jupiter at this moment were conjoined, and the one which was closest to Jupiter was tending slightly to the east because it was declining to the south.

And Hr 7. They were again separate, the same slight turning away remaining; and there was from the beginning of the true coming together until the beginning of the complete separation an interval of about Hr 0.30'