

(1610)

5 Feb The sky was cloudy.

6 Feb Such was the constitution. Hr 2 Only two stars were present, one to the east, 2' distant from (diagram) Jupiter; another to the west, 3' removed from Jupiter. They were on the same straight line with Jupiter.

7 Feb Two stars were present, both easterly, thus constituted. The interstices between the same and (diagram) Jupiter were 1' for both, and they were on the same straight line.

(large boxed diagram)

8 Feb Hr 1 There were three stars, all easterly as in the opposite diagram, the one next to Jupiter (diagram) was small, distant 1'20" from it; the middle one was 4' from this one and was rather large; the most easterly one, very small, was 20" from this one. They were viewed at Hr 0.40 from sunset. I was undecided as to whether there were only one or 2 stars near to Jupiter; now, in the meantime, towards sunrise, there seemed to be another one near to this, extremely small, distant 20" from the former. They were all on the same straight line constituted according to the extension of the ecliptic. Truly at Hr 3 the star near to Jupiter almost touched it; it was now only 10" distant. The others, indeed, were only slightly farther from Jupiter; the middle one was now 6' distant from Jupiter; finally at Hr 4 it was entirely in juncture with Jupiter to the extent that it was no longer discerned.

9 Feb Hr 0.30' There were present 2 easterly stars and one westerly thus: the small easterly one was (diagram) 4' distant from the next; the middle one was larger and 7' removed from Jupiter. Jupiter was 4' from the westerly one which was small.

10 Feb Hr 1.40 Two quite small stars were visible, both to the east. The more removed was 10' from (diagram) Jupiter, the closer, in truth, 0'20" and they were on the same straight line. However, at Hr 4, the closer one was no longer apparent. Indeed, as I conjecture, it was hidden behind Jupiter. The other was yet diminished so that it could hardly be discerned, although the air was quite clear, and it was greatly removed from Jupiter. Now it seemed to be 12' distant.