

Research in Jupiter

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Observation and recording of Jupiter was conducted continually for 3 years in order to capture the changes of its surface phenomena. Flash phenomena on Jupiter were finally recorded for the first time because of improvement in photographic technology. Additionally, a composite photograph of Jupiter was produced and a development figure was made. These were then used to identify patterns on the surface of Jupiter. Based on the data and the calculation results that were obtained from the Galileo satellite observation, calculation of the acceleration of gravity on Jupiter and the energy of a collision between Io and Jupiter were begun, but not completed.

Keywords: Jupiter, Flash phenomenon, Development figure, the acceleration of gravity