

PLANETS IN JANUARY, 1888.

MONTREAL MEAN TIME.

(For Virginia and the Carolinas, deduct about 15 min.; for Iowa, Nebraska, and Kansas, 1 h. 35 m.; and the Pacific States, 3 h. 15m.)

The year opens with the fairest of planetary constellations, the golden-hued Jupiter passing the place of the radiant Venus on the 2nd at 11 a.m. when the planets are less than 2° apart. Roving Mercury reaches Aphelion, (farthest from the Sun) on the 3rd at 8 p.m., and Mars is 90° from the Sun, (first quadrature) at 7 a.m. on the 5th. He is then a "morning star." The waning Moon is North of Mars at 4 a.m. on the 6th, Luna taking up a similar position as regards Uranus $2\frac{1}{2}$ hours later. Uranus, the "sea-green hued," is 90° from the Sun at 7 p.m. on the 7th. Luna passes Perigee (nearest the Earth) at 7.20 a.m. on the 8th, and overtakes the brilliant Jupiter at 6.24 a.m. on the 9th. Those who have had difficulty in locating Uranus, should easily find him $1^{\circ} 40'$ S. of Mars on the 9th. The two are in conjunction at 2 p.m. The old Moon ere it reaches the Sun, passes Venus at 6.50 p.m. on the 9th, and Mercury at 10.50 p.m. on the 12th. Mercury is at Superior Conjunction (beyond the Sun) at 3 p.m. on the 18th, after which he commences to fill the role of an "evening star." The Moon is at Apogee (farthest from the Earth) on the 20th, at 7.22 p.m. Uranus is "stationary among the stars" at 3 p.m. on the 21st, and the Moon passes Neptune at 4 a.m. on the 23rd. Stolid Saturn is at his best on the night of the 22nd, being then 180° from the Sun (Opposition) and overhead at midnight. The Opposition is at 9 a.m. on the 23rd. Jupiter is now fairly entangled in the stars of the constellation *Scorpii*. He is but $8'$ S. of *Beta (Graffias)* at 6 p.m. on the 24th. The full Moon is near Saturn on the 28th at 8.34 a.m. and the Moon is eclipsed that evening.

A FEW COPIES LEFT.

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