

PLANETS IN SEPTEMBER, 1895.

MONTREAL MEAN TIME.

ON MERIDIAN (SOUTH).	Sept. 1st.	Sept. 8th.	Sept. 16th.	Sept. 24th.
Mercury . . . ♀	0 50 ev.	1 03 ev.	1 14 ev.	1 20 ev.
Venus ♀	1 19 ev.	0 43 ev.	11 56 mo.	11 07 mo.
Mars ♂	0 49 ev.	0 38 ev.	0 25 ev.	0 13 ev.
Jupiter ♃	9 25 mo.	9 03 mo.	8 37 mo.	8 11 mo.
Saturn ♄	3 24 ev.	2 59 ev.	2 30 ev.	2 02 ev.
Uranus ♅	4 14 ev.	3 47 ev.	3 17 ev.	2 47 ev.
Neptune . . . ♆	6 26 mo.	5 59 mo.	5 28 mo.	4 56 mo.

THE PLANETS.—MERCURY is only 1' S. of MARS on the 1st at 6h. mo.; 9° 58' N. of Venus on the 5th at 5h. ev.; and in Aphelion on the 18th at 8h. ev. VENUS and Mars are in Conjunction on the 9th at 6h. ev. (Venus 9° 59' S.); Venus reaching Inferior Conjunction with the Sun on the 19th at 1h. mo. NEPTUNE is 90° from the Sun (and overhead at 6h. mo.) on the 10th at 8h. ev. He is Stationary on the 21st at 3h. mo.

THE MOON.—Is near Neptune on the 11th at 11h. ev.; Jupiter on the 15th at 0h. 35m. mo.; Venus on the 18th at 11h. 53m. mo.; Mars on the 19th at 6h. 10m. mo.; Mercury on the 20th at 9h. 19m. mo.; Saturn on the 21st at 11h. 36m. mo.; and Uranus on the 22nd at 6h. 47m. mo.

APOGEE: 3rd, 4h. 30m. ev.; PERIGEE: 18th, 2h. mo.; APOGEE: 30th, 9h. 20m. ev.; ECLIPSED: 3rd—4th (see page 11).

THE STARS.—The binary Star, 61 *Cygni*, can now be well observed in the evenings. Its R.A. is 21h. 1m., Dec. 38° 9' N. Components yellow and deep yellow of the 5½ and 6th magnitudes. Close beside is a purple Star of the 10th magnitude. A very interesting study. These Suns revealed to Bessel, in 1838, the secret of stellar distances, measured by the time taken for the transmission of light. They are probably 366,400 times the distance of the Sun from the earth, a space so immense that light, reaching it across the vast space, employs nearly six years in the journey! We consequently see these stars as they were six years ago, and of their present condition or existence can have no information.