

Memoranda for Observers.

Standard Time of India is adopted in these Memoranda.

For the month of March 1913.

Sidereal time at 8 p.m.

				H.	M.	S.
March	1st	...	...	6	35	9
"	8th	...	...	7	2	45
"	15th	...	...	7	30	20
"	22nd	...	...	7	57	56
"	29th	...	...	8	25	32

From this table the constellations visible during the evenings of March can be ascertained by a reference to their position as given in a Star Chart.

Phases of the Moon.

				H.	M.
March	8th	New Moon	...	5	53 A.M.
"	16th	First Quarter	...	2	28 A.M.
"	22nd	Full Moon	...	5	26 P.M.
"	29th	Last Quarter	...	6	28 P.M.

Meteors.

Date.	Radiant.		Character.
	R. A.	Dec.	
March 1st—4th	166°	+ 4°	Slow, bright.
" 14th	250°	+54°	Swift.
" 18th	316°	+76°	Slow, bright.
" 24th	161°	+58°	Swift.
" 27th	229°	+32°	Swift, small.
March—May	263°	+62°	Rather swift.

The showers in the month of March are not likely to be very brilliant.

Planets.

Venus.—Is an evening star. Its position on the 15th of March will be R. A. 2 hrs. 8 mts. 20 secs. Dec. 18°-16'-30" N. The time of its setting will be 8 hrs. 48 mts. on the 15th of March.

Mars.—The position of this planet on the 15th of March will be R. A. 21 hrs. 25 mts. 53 secs. Dec. $16^{\circ}-18'-59''$ S. The time of its rising will be 3 hrs. 57 mts. A.M. on the 16th of March.

Jupiter.—The position of this planet on the 15th of March will be R. A. 19 hrs. 0 mt. 43 secs. Dec. $22^{\circ}-35'-26''$ S. The time of its rising will be 1 hr. 43 mts. A.M. on the 16th of March.

Saturn.—The position of this planet on the 15th of March will be R. A. 3 hrs. 49 mts. 0 sec. Dec. $18^{\circ}-13'-13''$ N. The time of its setting will be 10 hrs. 28 mts. P.M. on the 15th of March.

Notices of the Society.

Election of Members.

The attention of members is invited to Bye-Law No. 14, regulating the election of persons who desire to join the Society. It is hoped that those who are already members will induce others to join. Forms of application can be had from the Secretary, Mr. C. V. Raman.

The Library.

A subscription list exists and several members in Calcutta have subscribed and enabled the Council to make a beginning with the Library. Other members outside Calcutta, however, have not, except in one or two cases, yet come forward, and as the Library will be one of the most important adjuncts of the Society, and will be available to members both in and out of Calcutta, those who have not yet done so are invited to help the Society in making progress with this important branch of the work. Suggestions as to useful books for the Library will also be welcomed by the Librarian.

A number of books have already been received and can be borrowed by members in accordance with the Bye-Laws.

The books available can be ascertained from the Assistant Librarian and a catalogue will be issued shortly. The reading room of the Society in the Imperial Secretariat is now opened for the use of members daily from 5 to 7 P.M., except on Wednesdays and holidays, and from 3 to 5 P.M. on Saturdays unless that day is a holiday.

Subscriptions.

Subscriptions for the current session fell due on 1st October 1912. Those who have not paid in their subscriptions