



Research Paper

Theory of Origin & Destination of Solar wind

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Received 15 Oct., 2022; Revised 28 Oct., 2022; Accepted 31 Oct., 2022 © The author(s) 2022.

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1. The bow shock of our sun is directed towards Scorpio constellation & the solar system is sailing in a stream of plasma. There is a star called Gliese 682 or gj 682 preceding our solar system in this stream, it is 49th nearest star to the sun.

2. Solar bow shock divides part of above stated stream entering our solar system in to two channels. These two channels are flushing on north & south poles of the sun. Magnetic flux from two opposite directions collides around the equator of sun, both inside the corona of sun & outside, on the surface of the sun. With help of fast rotation of solar surface this flux flows like a disc around sun. This disc of magnetic flux is called solar wind. Since there are two separate layers of the disc, one coming from inside solar corona with high speed and another from over the surface with slightly slow speed. They are named fast solar wind & slow solar wind.

There is also a third wind, which is formed by the magnetic flux untouched by solar surface. This 3rd wind prevails within the orbit of planet mercury.

3. Comets & planets like; earth consume solar wind with help of their magnetosphere through their magnetic poles & create atomic particles (like electrons, quarks) & then various elements.

4. The solar system's magnetic tail is in the direction of taurus constellation. The star following sun in the stream of plasma is called Gliese 176. Gliese 176's bow shock is directed towards sun.

Reference from scriptures-

Vedic god vayu dev (god of winds) is also called Maruta. There is mention of 49 maruts referring to gliese 682, which is 49th nearest star to sun. Gliese 682 is called as jyestha nakshatra, where jyestha means elder one & gliese 682 is preceding our sun, so it is elder to sun. Word ma-rud also means mother river. Vayu dev's consort name is bharati. Bharati is the name of vedic river saraswati.

There is puranic dynasty called bharathas. Two type of solar winds- fast & slow are referred by marriage of bharata prince vichitraviya with ambika&ambalika, and refusal to marriage by amba referring to third type of solar wind, which is untouched.

The word bharatha originates from bharat. And 'Bharat' means 'something which fills this world'. There is a mention of jad-bharat in sri mad bhagat gita. Word jad means root or base of everything.

Jad-bharat was an antelope in previous birth. Similarly, Vayu dev's vehicle is antelope. Gliese 176 is also called mrigashira nakshatra, meaning head of antelope, as the bow shock of gliese 176 is directed towards our sun.