



Research Paper

## Study of the Orbit of Planet Venus- Annexure

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**Reworked Data on the basis of Greatest elongation of Venus for its Axis are as below-**

Sl.	Date	Venus Position Tropical	Elong. Decimal	Earth Axis KM	Sin theta	Venus Axis KM	Venus Position Heliocentric
1	13-11-1973	278.01666	47.1	<b>148114845</b>	0.732542899	<b>108500478</b>	8
2	12-01-2017	339.66666	47.133333	<b>147304204</b>	0.732938802	<b>107964967</b>	70
3	13-03-2060	39.533333	46.216666	<b>148799078</b>	0.721961534	<b>107427211</b>	130
4	14-05-1844	99.15	45.366666	<b>151287808</b>	0.711617429	<b>107659041</b>	189
5	15-07-2130	158.81666	45.516666	<b>152119983</b>	0.713454305	<b>108530657</b>	249
6	14-09-2173	218.46666	46.25	<b>150551448</b>	0.722363962	<b>108752940</b>	308

(Note: Earth Axis is based on corresponding Year 2026 Data)

**Note: above positions DO NOT include Perihelion or Aphelion of Venus.**

**Additional Data Source:**

[glyphweb.com/esky/concepts/semimajoraxis.html](http://glyphweb.com/esky/concepts/semimajoraxis.html)