



Sandburg Middle School

<p><u>Basic Parameters</u></p> <p>Latitude +38.8° Longitude +77.1° Longitude Correction -2.1° Major axis 500 Minor axis 313.302 Semi-Major axis 250.0 Semi-Minor axis 156.651 Focus X coordinate 194.835 Zodiac Y coordinate 84.7165 Gnomon height 262.948 for shortest shadow to reach ellipse</p>	<p><u>Zodiac - Y Coordinates</u></p> <p><u>Solstices</u></p> <p>Winter -84.7165 Summer +84.7165</p> <p><u>Start of Months</u></p> <p>Jan -82.3328 Feb -58.7729 Mar -24.5138 Apr +16.9087 May +53.6809 Jun +79.5034 Jul +82.8288 Aug +62.3317 Sep +26.9852 Oct -12.2784 Nov -51.3793 Dec -78.5841</p>																																																																																																																																																																																																			
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