

**TABLE 2.2-6**

**PARAMETERS MEASURED AT THE SOUTH HEART  
METEOROLOGICAL STATION**

<b>Abbreviation</b>	<b>Parameter</b>	<b>Units</b>
WS	Wind Speed	mile per hour
GUST	Hourly maximum wind speed	mile per hour
WD	Wind Direction	compass degrees
Sigma	Variance in Wind Direction	compass degrees
AT	Air Temperature	degrees Fahrenheit
RG	Relative Humidity	percent
BP	Barometric Pressure	inches mercury
RNw	Weighing Bucket Rainfall	inches
RNt	Tipping Bucket Rainfall	inches
SR	Solar Radiation	watts/m <sup>2</sup>

On site station period of record - November 2006 -December 2009

Station Coordinates (State Plan, North Dakota, NAD27): X 1358961.9, Y 438535.8,  
elevation 2659.5 ft