### Global Solar Radiation on a Horizontal Surface

**Hourly Integrated and Daily Totals**

**Watt-Hours per Square Meter**

**Mississippi Valley State University - June 1997**

#### Data and Flag

<table>
<thead>
<tr>
<th>Hour Column</th>
<th>Day Column</th>
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</thead>
<tbody>
<tr>
<td>&lt;value&gt;*</td>
<td>20% &lt; Missing &lt; 100%</td>
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<tr>
<td>&lt;value&gt;?</td>
<td>20% &lt; Fail QC &lt; 100%</td>
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<td>100% Missing</td>
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<tr>
<td>&lt;blank&gt;?</td>
<td>100% Fail QC</td>
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</tbody>
</table>

#### Station

- **Station:** MV
- **Latitude:** 33.50° N
- **Longitude:** 90.33° W
- **Elevation:** 52 Meters AMSL
- **Time Zone:** -6

#### Instrument

- **Instrument:** PSP
- **Calibration Constant:** 8.50 uW/m²
- **Serial Number:** 18038F3
- **Calibration Date:** 9/13/96

#### Daylight Data Recovery

- % missing: 25% exceed the 15% QC threshold -- 26942 total daylight 5-minute measurements.

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**Note:** Fractional values that do not appear in the hour columns are included in the calculation for daily values.
### Direct Normal Solar Radiation

**Hourly Integrated and Daily Totals**

**Watt-Hours per Square Meter**

**Mississippi Valley State Univ - June 1997**

**Field: DNI**

| Day | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Daily |
|-----|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
|     |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
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**Note:** Fractional values that do not appear in the hour columns are included in the calculation for daily values.

**Data and Flag**

- `<value>`
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  - 10% < Missing < 100%
  - 10% < Fail QC < 100%
  - 100% Missing
  - 100% Fail QC

**Data and Flag**

- `<blank>`
  - 100% Missing
  - 100% Fail QC

**Station:**

- **MV**
  - **Latitude:** 33.50° N
  - **Longitude:** 90.33° W
  - **Elevation:** 52 Meters AMSL
  - **Time Zone:** -6

**Instrument:** NIP

- **Calibration Constant:** 7.46 uV/Wm-2
- **Serial Number:** 257926
- **Calibration Date:** 9/13/96

**Daylight Data Recovery:**

- 0% missing:
- 25% exceed the 15% QC threshold -- 26942 total daylight 5-minute measurements.
### Diffuse Solar Radiation on a Horizontal Surface
#### Hourly Integrated and Daily Totals
##### Watt-Hours per Square Meter

**Mississippi Valley State University - June 1997**

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**Station:** MV  
**Latitude:** 33.50° N  
**Longitude:** 90.33° W  
**Elevation:** 52 Meters AMSL  
**Time Zone:** -6  
**Instrument:** PSP  
**Calibration Constant:** 9.04 uV/Wm-2  
**Serial Number:** 25818F3  
**Calibration Date:** 9/13/96

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**Daylight Data Recovery:** 0% missing; 27% exceed the 15% QC threshold -- 26942 total daylight 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

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**Data and Flag**  
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**Field:** DHI

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**Calibration Constant:** 9.04 uV/Wm-2  
**Serial Number:** 25818F3  
**Calibration Date:** 9/13/96