Southern Great Plains (SGP: Lamont, OK)

- PASS-3 data from Feb. 2009 – Present
- Summary of Annual Averages (below) July 2011-2012

### Parameters

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Average B_{\text{sca}}</th>
<th>Average B_{\text{abs}}</th>
<th>SSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>405 nm</td>
<td>44.5 ± 18.0</td>
<td>2.7 ± 1.6</td>
<td>0.88 ± 0.05</td>
</tr>
<tr>
<td>532 nm</td>
<td>32.1 ± 12.1</td>
<td>2.7 ± 1.1</td>
<td>0.78 ± 0.14</td>
</tr>
<tr>
<td>781 nm</td>
<td>11.4 ± 5.8</td>
<td>1.3 ± 0.48</td>
<td>0.85 ± 0.05</td>
</tr>
</tbody>
</table>

Future Work

- Further and improved comparisons with colocated instrumentation at all AOS sites
- Next MAOS deployment: Brazil (GoAMAZON 2014)
- Continued mentor monitoring of instruments and measurements to ensure long term stability and data quality.

References

- Data were obtained from the Atmospheric Radiation Measurement (ARM) Program sponsored by the U.S. Department of Energy, Office of Science. Office of Biological and Environmental Research, Climate and Environmental Sciences Division.