### Site Identification

<table>
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<th>Site Name</th>
<th>Shabbona</th>
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<tr>
<td>County</td>
<td>Dekalb</td>
</tr>
<tr>
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<td>Sponsoring Agency</td>
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<td>Longitude</td>
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### Sample Validity for Annual Period

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<th>Winter*</th>
<th>Spring</th>
<th>Summer</th>
<th>Fall</th>
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<tbody>
<tr>
<td>Number of samples</td>
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<tr>
<td>with precipitation</td>
<td>44</td>
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<tr>
<td>with full chemistry**</td>
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<tr>
<td>without precipitation</td>
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<tr>
<td>Invalid Samples</td>
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### Summary Period Information

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<td>11</td>
<td>12</td>
<td>11</td>
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<tr>
<td>Valid field pH measurements</td>
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### NADP/NTN Completeness Criteria

<table>
<thead>
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<th>Winter*</th>
<th>Spring</th>
<th>Summer</th>
<th>Fall</th>
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</thead>
<tbody>
<tr>
<td>1. Summary period with valid samples (%)</td>
<td>92.5</td>
<td>53.8</td>
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<td>100.0</td>
<td>100.0</td>
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<td>100.0</td>
</tr>
<tr>
<td>3. Measured precipitation with valid samples (%)</td>
<td>99.0</td>
<td>71.8</td>
<td>100.0</td>
<td>100.0</td>
<td>99.9</td>
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<td>4. Collector efficiency (%)</td>
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<tr>
<td>Precip with full chemistry and valid field pH (%)</td>
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</table>

* = Data do not meet NADP/NTN Completeness Criteria for this period.

** = Valid samples for which all Laboratory Chemical measurements were made (The ONLY samples described by the percentile distributions in the Statistical Summary of Precipitation Chemistry for Valid Samples).

*** = Measured precipitation for sample periods during which precipitation occurred and for which complete valid laboratory chemistry data are available.
### Page 2: Statistical Summary of Precipitation Chemistry for Valid Samples

#### Precipitation-Weighted Mean Concentrations

<table>
<thead>
<tr>
<th></th>
<th>Ca</th>
<th>Mg</th>
<th>K</th>
<th>Na</th>
<th>NH4</th>
<th>NO3</th>
<th>Cl</th>
<th>SO4</th>
<th>H(lab)</th>
<th>H(fld)</th>
<th>pH(lab)</th>
<th>pH(fld)</th>
</tr>
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<tbody>
<tr>
<td>Annual</td>
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<td>0.12</td>
<td>2.89</td>
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<td>0.086</td>
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<td>0.064</td>
<td>0.045</td>
<td>0.059</td>
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#### Deposition

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<th>Ca</th>
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<th>K</th>
<th>Na</th>
<th>NH4</th>
<th>NO3</th>
<th>Cl</th>
<th>SO4</th>
<th>H(lab)</th>
<th>H(fld)</th>
<th>pH(lab)</th>
<th>pH(fld)</th>
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<tbody>
<tr>
<td>Annual</td>
<td>2.95</td>
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<tr>
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#### Weekly Sample Concentrations

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<th>NO3</th>
<th>Cl</th>
<th>SO4</th>
<th>H(lab)</th>
<th>H(fld)</th>
<th>pH(lab)</th>
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<td>0.015</td>
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<td>0.021</td>
<td>0.013</td>
<td>0.026</td>
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#### Other Parameters

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<th>Conductivity uS/cm</th>
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<th>Cation Anion</th>
<th>SO4 NO3</th>
<th>SO4+NO3</th>
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<td>2.58</td>
<td>1.95</td>
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*Please see page 1 for footnotes.*