### Site Identification

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Alhambra</th>
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<tbody>
<tr>
<td>State</td>
<td>IL</td>
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<tr>
<td>County</td>
<td>Madison</td>
</tr>
<tr>
<td>Operating Agency</td>
<td>EPA</td>
</tr>
<tr>
<td>Sponsoring Agency</td>
<td>EPA</td>
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<tr>
<td>Site ID</td>
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<tr>
<td>Longitude</td>
<td>89:37:19</td>
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<td>Elevation</td>
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### Sample Validity for Annual Period

<table>
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<th>Number of samples</th>
<th>Valid Samples</th>
<th>with precipitation</th>
<th>with full chemistry**</th>
<th>without chemistry</th>
<th>without precipitation</th>
<th>Invalid Samples</th>
<th>with precipitation</th>
<th>missing precipitation data</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>48</td>
<td>37</td>
<td>29</td>
<td>26</td>
<td>3</td>
<td>8</td>
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### Summary Period Information

<table>
<thead>
<tr>
<th>First summary period day#</th>
<th>Annual*</th>
<th>Winter*</th>
<th>Spring*</th>
<th>Summer*</th>
<th>Fall</th>
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<tbody>
<tr>
<td></td>
<td>12/29/1998</td>
<td>12/01/1998</td>
<td>03/02/1999</td>
<td>06/01/1999</td>
<td>08/31/1999</td>
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<td>Last summary period day</td>
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<td>02/23/1999</td>
<td>06/01/1999</td>
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<td>91</td>
<td>91</td>
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<tr>
<td>Number of samples</td>
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<td>13</td>
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<tr>
<td>Measured precipitation (cm)</td>
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<td>Valid samples with full chemistry**</td>
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<td>6</td>
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<td>Valid field pH measurements</td>
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<td>4</td>
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### NADP/NTN Completeness Criteria

<table>
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<tr>
<th>Annual*</th>
<th>Winter*</th>
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<th>Summer*</th>
<th>Fall</th>
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</thead>
<tbody>
<tr>
<td>73.1</td>
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<td>77.4</td>
<td>88.4</td>
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<td>48.6</td>
</tr>
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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.

# = Summary period start and end days do not correspond to the first or last sample day.
## National Atmospheric Deposition Program/National Trends Network
### 1999 Annual & Seasonal Data Summary for Site IL46

**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>
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</thead>
<tbody>
<tr>
<td>Annual*</td>
<td>0.21</td>
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<td>0.019</td>
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<td>0.78</td>
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<td>1.99E-02</td>
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<td>0.026</td>
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<td>0.020</td>
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<td>0.31</td>
<td>1.51</td>
<td>0.12</td>
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### Deposition

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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>
<th>pH(fld)</th>
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<tbody>
<tr>
<td>Annual*</td>
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<tr>
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<tr>
<td>Spring*</td>
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<td>0.061</td>
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<tr>
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<td>0.051</td>
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<tr>
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### Weekly Sample Concentrations

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<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>Minimum value</td>
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<td>0.003</td>
<td>0.004</td>
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<td>0.004</td>
<td>0.003</td>
<td>0.008</td>
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<td>0.84</td>
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<tr>
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<td>0.006</td>
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<tr>
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### Other Parameters

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<th>Conductivity uS/cm</th>
<th>SO4</th>
<th>SO4+NO3</th>
<th>NO3</th>
<th>Cation Equivalence Ratios</th>
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<td>1.18</td>
<td>0.81</td>
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<td>0.42</td>
<td>8.6</td>
<td>1.21</td>
<td>1.30</td>
<td>0.92</td>
</tr>
<tr>
<td>Percentile 25</td>
<td>0.72</td>
<td>12.3</td>
<td>1.70</td>
<td>1.56</td>
<td>0.94</td>
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### Annual and Seasonal Equivalence Ratios

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<th>SO4+NO3</th>
<th>Cation</th>
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<tr>
<td>Cation</td>
<td>1.78</td>
<td>2.56</td>
<td>1.04</td>
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</tbody>
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*Please see page 1 for footnotes.*