### Site Identification

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<th>Oliver Knoll</th>
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<td>Graham</td>
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<td>BLM/NBS</td>
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<td>Sponsoring Agency</td>
<td>USGS-WRD</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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<td>with precipitation</td>
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<td></td>
<td></td>
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<tr>
<td>with full chemistry**</td>
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<tr>
<td>without chemistry</td>
<td></td>
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<tr>
<td>without precipitation</td>
<td></td>
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<tr>
<td>Invalid Samples</td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>with precipitation</td>
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### Summary Period Information

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<th>Winter*</th>
<th>Spring</th>
<th>Summer</th>
<th>Fall*</th>
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<tr>
<td>01/02/1985</td>
<td>01/07/1986</td>
<td>02/26/1985</td>
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<td>06/05/1985</td>
<td>09/03/1985</td>
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<td>02/26/1985</td>
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<td>06/05/1985</td>
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<td>Summary period duration</td>
<td>370</td>
<td>83</td>
<td>99</td>
<td>90</td>
<td>98</td>
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<tr>
<td>Measured precipitation (cm)</td>
<td>35.6</td>
<td>14.1</td>
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<td>10.5</td>
<td>11.8</td>
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<tr>
<td>Valid samples with full chemistry**</td>
<td>22</td>
<td>3</td>
<td>6</td>
<td>6</td>
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<td>Valid field pH measurements</td>
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### NADP/NTN Completeness Criteria

<table>
<thead>
<tr>
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<th>Annual</th>
<th>Winter*</th>
<th>Spring</th>
<th>Summer</th>
<th>Fall*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Summary period with valid samples (%)</td>
<td>85.1</td>
<td>33.7</td>
<td>85.9</td>
<td>100.0</td>
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<td>2. Summary period with precip coverage (%)</td>
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<td>100.0</td>
<td>100.0</td>
<td>100.0</td>
<td>100.0</td>
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<tr>
<td>3. Measured precipitation with valid samples (%)</td>
<td>80.9</td>
<td>39.9</td>
<td>99.6</td>
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<td>4. Collector efficiency (%)</td>
<td>98.7</td>
<td>98.2</td>
<td>98.3</td>
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<td>101.8</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.

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**National Atmospheric Deposition Program/National Trends Network**

**1985 Annual & Seasonal Data Summary for Site AZ99**

**Page 1: Summary of Sample Validity and Completeness Criteria**

(Printed 08/29/2000)
### 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>
</thead>
<tbody>
<tr>
<td>Annual</td>
<td>0.15</td>
<td>0.028</td>
<td>0.016</td>
<td>0.072</td>
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<td>0.75</td>
<td>0.12</td>
<td>1.66</td>
<td>2.51E-02</td>
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<td>4.60</td>
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<tr>
<td>Winter*</td>
<td>0.08</td>
<td>0.023</td>
<td>0.012</td>
<td>0.087</td>
<td>0.16</td>
<td>0.81</td>
<td>0.12</td>
<td>1.50</td>
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<tr>
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<td>0.038</td>
<td>0.029</td>
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<td>0.13</td>
<td>0.60</td>
<td>0.20</td>
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<tr>
<td>Summer</td>
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<td>0.024</td>
<td>0.014</td>
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<td>0.95</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>
<td>0.54</td>
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<tr>
<td>Winter*</td>
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<td>0.017</td>
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<tr>
<td>Fall*</td>
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<td>0.035</td>
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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>
<th>pH(fld)</th>
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<td>Minimum value</td>
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<td>Percentile 10</td>
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<td>0.013</td>
<td>0.007</td>
<td>0.021</td>
<td>0.02</td>
<td>0.12</td>
<td>0.04</td>
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### Other Parameters

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*Please see page 1 for footnotes.*