### Site Identification

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Oliver Knoll</th>
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<td>Site ID</td>
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<tr>
<td>County</td>
<td>Graham</td>
</tr>
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<td>Operating Agency</td>
<td>BLM/NBS</td>
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<td>Sponsoring Agency</td>
<td>USGS-WRD</td>
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<td>Elevation</td>
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### Sample Validity for Annual Period

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<th></th>
<th>Number of samples</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>with precipitation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>with full chemistry**</td>
</tr>
<tr>
<td></td>
<td></td>
<td>without chemistry</td>
</tr>
<tr>
<td></td>
<td></td>
<td>without precipitation</td>
</tr>
<tr>
<td>Invalid Samples</td>
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</tbody>
</table>

|                     |                   | with precipitation |
|                     |                   | missing precipitation data |

### Summary Period Information

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<thead>
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<td>91</td>
<td>91</td>
<td>91</td>
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<td>Number of samples</td>
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<td>13</td>
<td>13</td>
<td>13</td>
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<td>Valid field pH measurements</td>
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### NADP/NTN Completeness Criteria

<table>
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<th>1. Summary period with valid samples (%)</th>
<th>Annual*</th>
<th>Winter</th>
<th>Spring</th>
<th>Summer*</th>
<th>Fall*</th>
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<tr>
<td>86.5</td>
<td>100.0</td>
<td>100.0</td>
<td>100.0</td>
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<td>100.0</td>
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<td>3. Measured precipitation with valid samples (%)</td>
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<td>100.0</td>
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<td>4. Collector efficiency (%)</td>
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<td>55.8</td>
<td>99.9</td>
<td>99.3</td>
<td>27.7</td>
<td>61.7</td>
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</tbody>
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* = 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.
# National Atmospheric Deposition Program/National Trends Network
## 1992 Annual & Seasonal Data Summary for Site AZ99

### 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>0.18</td>
<td>0.021</td>
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<tr>
<td>Winter</td>
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<td>0.006</td>
<td>0.005</td>
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<td>0.137</td>
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<td>1.04</td>
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<td>0.029</td>
<td>0.029</td>
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<td>1.44</td>
<td>0.18</td>
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<tr>
<td>Fall*</td>
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<td>0.036</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>0.81</td>
<td>0.092</td>
<td>0.123</td>
<td>0.455</td>
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<tr>
<td>Winter</td>
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<td>0.010</td>
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<td>0.99</td>
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<td>2.06E-02</td>
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<tr>
<td>Spring</td>
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<tr>
<td>Summer*</td>
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<td>0.036</td>
<td>0.036</td>
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<td>0.007</td>
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<td>0.04</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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<tr>
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<td>0.003</td>
<td>0.016</td>
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<td>0.003</td>
<td>0.003</td>
<td>0.022</td>
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<td>0.023</td>
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#### Other Parameters

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<th>Annual &amp; Seasonal Equivalence Ratios</th>
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<td>Percentile 90</td>
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<td>2.44</td>
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<td>4.57</td>
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</table>

Annual* 1.77  4.12  0.90
Winter 2.34  1.85  0.83
Spring 1.64  4.56  0.95
Summer* 1.47  5.84  0.90
Fall* 2.37  23.24  0.87

Please see page 1 for footnotes.