## Site Identification

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<td>County</td>
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<td>Operating Agency</td>
<td>SAES-Univ. of Minnesota-SW Exp. Stn</td>
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<td>Minnesota Pollution Control 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>
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<th>Summer</th>
<th>Fall</th>
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<td>with precipitation</td>
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<tr>
<td>with full chemistry**</td>
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<tr>
<td>without chemistry</td>
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<tr>
<td>with precipitation</td>
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## Summary Period Information

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<td>12/03/1996</td>
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## NADP/NTN Completeness Criteria

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<th>Annual*</th>
<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>84.6</td>
<td>61.5</td>
<td>92.3</td>
<td>92.3</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>4. Collector efficiency (%)</td>
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<td>6.5</td>
<td>93.8</td>
<td>74.7</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.
### National Atmospheric Deposition Program/National Trends Network
#### 1997 Annual & Seasonal Data Summary for Site MN27

**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>
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#### Deposition

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<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>
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<tr>
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#### Weekly Sample Concentrations

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<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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#### Other Parameters

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<th>Conductivity uS/cm</th>
<th>SO₄ SO₄+NO₃ Equivalent Ratios</th>
<th>NO₃ NO₃+H Cation Anion</th>
<th>SO₄ NO₃</th>
<th>SO₄+NO₃ H Anion</th>
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#### Annual and Seasonal Equivalence Ratios

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<th>Cation Anion</th>
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<tr>
<td>Spring</td>
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<tr>
<td>Summer</td>
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<tr>
<td>Fall*</td>
<td>0.77</td>
<td>10.42</td>
<td>1.37</td>
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</tbody>
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Please see page 1 for footnotes.