### Site Identification

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Site Name</td>
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</tr>
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<td>Site ID</td>
<td>CO22</td>
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<tr>
<td>State</td>
<td>CO</td>
</tr>
<tr>
<td>County</td>
<td>Weld</td>
</tr>
<tr>
<td>Operating Agency</td>
<td>NSF/SAES-Colorado State Univ.</td>
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<tr>
<td>Sponsoring Agency</td>
<td>SAES-Colorado State University</td>
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<td>Longitude</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>First summary period day</td>
<td>12/29/1981</td>
<td>12/01/1981</td>
<td>03/02/1982</td>
<td>06/01/1982</td>
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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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<tr>
<td>Measured precipitation (cm)</td>
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<td>Valid samples with full chemistry**</td>
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<td>1</td>
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<td>11</td>
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<td>Valid field pH measurements</td>
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### NADP/NTN Completeness Criteria

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<th>Criteria</th>
<th>Annual</th>
<th>Winter*</th>
<th>Spring</th>
<th>Summer</th>
<th>Fall</th>
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<tr>
<td>1.Summary period with valid samples (%)</td>
<td>90.6</td>
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<td>100.0</td>
<td>100.0</td>
<td>100.0</td>
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<td>4.Collector efficiency (%)</td>
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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

1982 Annual & Seasonal Data Summary for Site CO22

Page 2: Statistical Summary of Precipitation Chemistry for Valid Samples

<table>
<thead>
<tr>
<th>Precipitation-Weighted Mean Concentrations</th>
<th>Ca (mg/L)</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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<tbody>
<tr>
<td>Annual</td>
<td>0.20</td>
<td>0.032</td>
<td>0.036</td>
<td>0.063</td>
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<td>0.87</td>
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<td>0.83</td>
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<tr>
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<td>0.038</td>
<td>0.143</td>
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<td>1.16</td>
<td>0.05</td>
<td>0.77</td>
<td>9.55E-04</td>
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<tr>
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<tr>
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<td>0.034</td>
<td>0.042</td>
<td>0.39</td>
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<tr>
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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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<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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<td>0.005</td>
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<table>
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<tr>
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<th>Equivalence Ratios</th>
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<th>SO₄+NO₃</th>
<th>Cation Anion</th>
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<th>SO₄+NO₃</th>
<th>Cation Anion</th>
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<tr>
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<td>7.33</td>
<td>1.06</td>
</tr>
<tr>
<td>Summer</td>
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<td>6.62</td>
<td>1.38</td>
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<tr>
<td>Fall</td>
<td>1.18</td>
<td>5.86</td>
<td>1.06</td>
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Please see page 1 for footnotes.