### 72768 GGW Glasgow Observations at 12Z 03 Feb 2003

<table>
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<tr>
<th>PRES</th>
<th>HGHT</th>
<th>TEMP</th>
<th>DWPT</th>
<th>RELH</th>
<th>MIXR</th>
<th>DRCT</th>
<th>SKNT</th>
<th>THTA</th>
<th>THTE</th>
<th>THTV</th>
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<tbody>
<tr>
<td>hPa</td>
<td>m</td>
<td>C</td>
<td>C</td>
<td>%</td>
<td>g/kg</td>
<td>deg</td>
<td>knot</td>
<td>K</td>
<td>K</td>
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<tr>
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<td>935.0</td>
<td>920.0</td>
<td>825.0</td>
<td>725.0</td>
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<td>277.9</td>
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</table>

Station information and sounding indices

Station identifier: GGW
Station number: 72768
Observation time: 030203/1200
Station latitude: 48.21
Station longitude: -106.61
Station elevation: 700.0
Showalter index: 6.33
Lifted index: 9.85
LIFT computed using virtual temperature: 9.85
SWEAT index: 100.13
K index: 14.00
Cross totals index: 23.50
Vertical totals index: 26.00
Totals totals index: 49.50
Convective Available Potential Energy: 0.00
CAPE using virtual temperature: 0.00
Convective Inhibition: 0.00
CINS using virtual temperature: 0.00
Bulk Richardson Number: 0.00
Bulk Richardson Number using CAPV: 0.00
Temp [K] of the Lifted Condensation Level: 266.85
Pres [hPa] of the Lifted Condensation Level: 879.65
Mean mixed layer potential temperature: 276.84
Mean mixed layer mixing ratio: 2.74
1000 hPa to 500 hPa thickness: 5246.00
Precipitable water [mm] for entire sounding: 6.57

Description of the indices.

Interested in graduate school or an undergraduate degree in meteorology?

Questions about the weather data provided by this site can be addressed to Larry Oolman (ldoolman@uwyo.edu)