### 72659 ABR Aberdeen Observations at 12Z 03 Feb 2003

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Station information and sounding indices

Station identifier: ABR
Station number: 72659
Observation time: 030203/1200
Station latitude: 45.45
Station longitude: -98.43
Station elevation: 396.0
Showalter index: 15.38
Lifted index: 20.00
LIFT computed using virtual temperature: 20.00
SWEAT index: 85.86
K index: -6.60
Cross totals index: 17.10
Vertical totals index: 17.40
Totals totals index: 34.50
Convective Available Potential Energy: 0.00
CAPE using virtual temperature: 0.00
Convective Inhibition: 0.00
CINS using virtual temperature: 0.00
Equilibrium Level: 923.14
Equilibrium Level using virtual temperature: 923.13
Level of Free Convection: 930.86
LFCT using virtual temperature: 930.86
Bulk Richardson Number: 0.00
Bulk Richardson Number using CAPV: 0.00
Temp [K] of the Lifted Condensation Level: 263.62
Pres [hPa] of the Lifted Condensation Level: 930.86
Mean mixed layer potential temperature: 269.09
Mean mixed layer mixing ratio: 2.01
1000 hPa to 500 hPa thickness: 5252.00
Precipitable water [mm] for entire sounding: 5.21

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)