

## Data Format: Radar 915MHz Weber Wuertz Temp

Line 1: site identifier

Line 2: data type; revision number

Line 3: station latitude; station longitude; station elevation (m)

Line 4: year; month; day, hour; minute; second; utc offset (begin time of the observation)

Line 5: consensus averaging time (minutes); number of beams; number of range gates

Line 6: number of records required for consensus  
total number of records  
consensus window size (m/s)

Line 7: number of coherent integrations  
number of spectral averages  
pulse width (ns)  
inner pulse period (ms)

Line 8: full-scale Doppler value (m/s)  
delay to first gate (ns)  
number of gates  
spacing of gates

Line 9: beam azimuth (degrees clockwise from north)  
beam elevation (degrees; if > 90 then it is degrees\*100)

Line 10: column labels for data that follow

Line 11: start of data (a line for each radar range gate)  
height above ground (km)  
average uncorrected RASS temperature (deg C)  
average corrected RASS temperature  
average vertical wind (w-component, positive upward, m/s)  
quality control value (0 = valid; 9 = missing) [repeat for each average variable]  
number of records in average [repeat for each average variable]  
average SNR (dB) of records in consensus [repeat for each average variable]

Line 11 + 'number of range gates' lines: End of data character '\$'