

Wind Table Header Definitions

The first header line is defined as:			
1	Site Name		
2	Starting Date/Time		
3	Ending Date/Time		
4	Software version of data collector		
5	freq	Transmit frequency	Hz
6	bw	Filter bandwidth	Hz
7	damp	% Amplitude level	%
8	pulw	Transmit pulse width	millisecond
9	rise	Pulse shading	millisecond
10	rofs	In phase offset	millivolt
11	jofs	Quadrature offset	millivolt
12	Temp	Temperature used for speed of sound calculation	deg C
The second header line is defined as:			
1	sec	Wind table time reporting interval	seconds
2	avdst	Wind table altitude reporting interval	meters
3	amp	Fixed amplitude threshold	millivolt
4	snr	Signal to Noise threshold	
5	back	% of background noise set as threshold	
6	noms	Not used	
7	nwt	Not used	
8	gd	Percent good threshold	%
9	nfft	Number of FFT points	
10	srate	Digital sampling rate	Hz
11	clut	Ground clutter rejection flag	
12	nbini	Signal search window	# points
13	ngav	Number of pulses for gust detection	
14	mincr	C Beam spectra search limit (lower)	radial m/s
15	maxcr	C Beam spectra search limit (upper)	radial m/s
16	minbr	B Beam spectra search limit (lower)	radial m/s
17	maxbr	B Beam spectra search limit (upper)	radial m/s
18	minar	A Beam spectra search limit (lower)	radial m/s
19	maxar	A Beam spectra search limit (upper)	radial m/s
20	wdog	Watchdog timer (enable flag)	
21	mxdel	Mixing height amplitude detection threshold	millivolt
22	ptdir	Sodar reference fram rotation angle	degrees
23	wmax	Vertical velocity detection threshold	m/s
24	phase	Interelement spacing	cm
25	speci	S file output interval increment	
26	specl	S file number of levels output	
27	specm	S file flag to detail number of axes recorded	
28	specn	S file number of pulses averages	
29	specs	S file index of first level recorded	
30	cdia	DFS data axis	
31	cdid	DFS number of SRATE samples per level	
32	cdin	DFS number of pulses per record	
The third header line is defined as:			
1	Axes	Number of active beams	
2	Levels	Number of sampling altitudes	
3	ZenithV	Zenith angle of V beam	deg
4	ZenithU	Zenith angle of U beam	deg
5	Rotation	Sodar antenna rotation angle	deg
6	Seperation	Deviation of sodar reference from orthogonal orientation	deg
7	mixHt	Detected mixing height	meters
8	rmnU	Noise sample for X beam	millivolt
9	rmnV	Noise sample for Y beam	millivolt
10	rmnW	Noise sampler for Z beam	millivolt
11	Antenna status	(optional) status of antenna	
12	AC status	(optional) of UPS	
	(Optionally)		
13	AnemometerTemp	(optional) anemometer temperature	deg C
14	Battery Voltage	(optional) ASP battery voltage (DC systems only)	voltage