Description of flux data for Willow Creek Tower in Wcreekyyy_flux.txt

Missing or invalid data is reported as -999.
Time is recorded at the beginning of average period.
The average interval is 30 minutes.

Note,
We believe that NEE data does not reflect stand fluxes when:
1) u* is small (<0.3m/s, changed on 9/7/2004); and
2) winds are from the southeast (direction of nearby wetlands), and there is
   a temperature inversion at the canopy (i.e., a decoupling of the surface
   measurements).

The flag in Column 13 indicates flux measurement quality based on the
environmental conditions above:
0 = acceptable measurement;
1 = unacceptable measurement based on condition (1); and
2 = unacceptable measurement based on condition (2).

Column	Name	Description	Unit
1	Year	Year	Year
2	Month	Month	Month
3	Day	Day	Day
4	LST	Local Standard Time	Hour
5	Jday	Julian day	Day
6	Fjday	Fractional Julian day	Day
7	Sc_97ft	Rate of change of CO_2 storage at 97 feet	$\mu\ mol\ m^{-2}s^{-1}$
8	Fc_97ft	CO_2 flux at 97 feet	$\mu\ mol\ m^{-2}s^{-1}$
9	Nee_97ft	CO_2 NEE at 97 feet=Sc_97 ft+Fc_97 ft	$\mu\ mol\ m^{-2}s^{-1}$
10	LE_97ft	Latent heat flux at 97 feet	$W\ m^{-2}$
11	H_97ft	Sensible heat flux at 97 feet	$W\ m^{-2}$
12	Ustar30	Friction velocity at 97 feet	$M\ s^{-1}$
13	Flag	The flag indicating the flux quality (see above)	0, 1, or 2