

Description of the EB data table

# Col.	Variable	Units	# Col.	Variable	Units
1	Date	yyyy-mm-dd	45	CO ₂ flux, Webb et al. term due to #6	mg/m ² s
2	Time	hhmmss	46	CO ₂ flux, Webb et al. term due to #4	mg/m ² s
3	Record	-	47	Latent heat flux, Webb et al. term due to #6	W/m ²
4	Sensible heat flux using sonic temp.	W/m ²	48	Latent heat flux, Webb et al. term due to #4	W/m ²
5	CO ₂ flux	mg/m ² s	49		samples
6	Latent heat flux	W/m ²	50	CSAT warnings	samples
7	Sensible heat flux computed from #4 and #6	W/m ²	51		samples
8	Momentum flux	kg/m s ²	52		samples
9	u* (friction velocity)	m/s	53		samples
10	Mean soil temp. (sonic)	C	54		samples
11	Stdev of #10	C	55		samples
12	Covar #10 and #25	m C/s	56		samples
13	Covar #10 and #29	m C/s	57		samples
14	Covar #10 and #32	m C/s	58		samples
15	CO ₂ mean	mg/m ³	59		samples
16	Stdev CO ₂ mean	mg/m ³	60		
17	Covar #15 and #25	mg/m ² s	61	Panel temp avg	C
18	Covar #15 and #29	mg/m ² s	62	Battery volt	V
19	Covar #15 and #32	mg/m ² s	63	Net radiation	W/m ²
20	H ₂ O average	g/m ³	64	Albedo	-
21	Stdev of #20	g/m ³	65	Rs downwell average	W/m ²
22	Covar #20 and #25	g/m ² s	66	Rs upwell average	W/m ²
23	Covar #20 and #29	g/m ² s	67	RI downwell average	W/m ²
24	Covar #20 and #32	g/m ² s	68	RI upwell average	W/m ²
25	u wind speed comp.	m/s	69	Temp Rn	K
26	Stdev of #25	m/s	70		W/m ²
27	Covar #25 and #29	(m/s) ²	71		W/m ²
28	Covar #25 and #32	(m/s) ²	72	Soil heat flux 1	W/m ²
29	v wind speed comp.	m/s	73	Soil heat flux 2	W/m ²
30	Stdev of #29	m/s	74	Soil heat flux 3	W/m ²
31	Covar #29 and #32	(m/s) ²	75	Soil heat flux 4	W/m ²
32	w wind speed comp.	m/s	76		C
33	Stdev of #32	m/s	77		C
34	Mean pressure	kPa	78	Avg soil water temp 1	Frac vol water

35	Mean HMP temp	C	79	Avg soil water temp 2	Frac vol water
36	Mean HMP H ₂ O	g/m ³	80	Avg soil temp 1	C
37	Mean air density	kg/m ³	81	Avg soil temp 2	C
38	Wind direction	degrees	82	#72 calibration	W/(m ² mV)
39	CSAT wind direction	degrees	83	#73 calibration	W/(m ² mV)
40	Wind speed	m/s	84	#74 calibration	W/(m ² mV)
41	Rslt #40	m/s	85	#75 calibration	W/(m ² mV)
42	Stdv of #38	degrees	86	Cs616 water content probes avg 1	microsec
43	CO ₂ flux without Webb et al. term	mg/m ² s	87	Cs616 water content probes avg 2	microsec
44	Latent heat flux without Webb et al. term	W/m ²			