

Supplementary Materials Table S1. Niwot Ridge (CO.) USA soil moisture measurements_2016

Distance, in m	COMO1 7.4.16 5TM	COMO1 7.16.16 5TM	COMO1 7.4.16 10HS	COMO1 7.16.16 10HS	COMO3 7.11.16 5TM	COMO3 7.16.16 5TM	COMO3 7.11.16 10HS	COMO3 7.16.16 10HS	COMO5 7.6.16 5TM	COMO5 7.16.16 5TM	COMO5 7.6.16 10HS	COMO5 7.16.16 10HS	COMO5 (wet) 7.6.16 5TM	COMO5 (wet) 7.16.16 5TM	COMO5 (wet) 7.6.16 10HS	COMO5 (wet) 7.16.16 10HS
0	17.4	26.5	37.5	38	26.9	20.6	39.7	37.6	19.6	5.5	31.3	21.6				
1	26.8	11.8	35.7	32.6	20.4	23.3	38	37.4	20.9	4.2	34.6	16.6				
2	26.6	21.7	33.1	34.6	14.2	16.8	33	35.6	17.2	2.4	31.1	18.8				
3	17.4	20.9	31.8	24.8	15.4	8.7	34.8	33	17.1	1.6	30.5	14.6				
4	27	18.2	35.6	36.4	17.5	12.9	36.7	34.7	31.3	2.3	35	16.9				
5	21.1	18	34.8	30.9	13.9	12.5	34.6	30	22.3	3.8	33.8	18.8				
6	22	12.1	32.2	28.7	21.1	14.3	35.3	34.8	17.6	6.7	29.3	25.5				
7	20.1	12.5	27.2	31.2	14.8	12.7	34.3	31	25.8	6	33.1	25.7				
8	24.5	8.7	35	28.7	16.3	11.6	32.6	31.6	24.7	14.3	34.4	28				
9	19.3	4.5	30.3	23.9	14.8	4.5	31	25.1	23.2	18.6	32.2	35.1				
10	24	8.4	36.6	24.8	9.6	6.6	31.9	27.5	23.3	17.9	35.1	28				
11	28.8	12.8	34.7	31.3	12.3	0.8	28.4	11.5	25.2	12.7	35	31.6				
12	20.6	15.3	34.9	34.8	9.5	3.9	28.6	27.4	18.3	16.8	32	32.2				
13	22.6	16.8	36.5	33.8	9.1	4	26.3	25.9	14.5	15.1	34.4	32.9				
14	28.1	16	41.3	32.9	8	7.5	32.9	24.3	18.1	9.8	37.3	33.1				
15	17.6	20.4	40.1	36.1	14.7	11.8	34	30.4	23.6	12.2	36.1	29.6				
16	20.2	17.6	34.6	33.1	14.7	11.8	32.6	29.3	20.4	1.3	30.3	24				
17	30.1	15.8	40.8	37.1	15.4	3.1	32.2	19.3	15.2	11	31	31.6				
18	31.3	16.1	39.2	30.6	17	9.4	29.9	26.8	24.3	20.1	36.8	36.3				
19	38.2	25.8	40.2	39.4	16.8	6.4	28.3	27.8	25.5	10.7	38.9	33.1				
20	32.8	17.9	33.8	31.6	15.4	5.5	31.2	20	19.3	1.1	34.8	14.3				
21	30.6	13.6	33.7	35.4	4.5	2.4	23.6	25.1	15.6	8.1	33.8	29.8				
22	25	14.7	29.4	29.5	9.1	10.7	31.6	29.7	15.2	12.7	37.7	33.6				
23	22	14.2	31.2	30.6	6.3	10.2	29.8	27.5	31.5	18.6	37.4	35.6				
24	18.4	19.1	35.2	31.7	14.6	12.9	30.2	29.5	21.7	17.1	38.7	32.9				
25	23	15.5	31.5	32.3	12.1	6.1	32.1	25					32.4	17.2	41.8	34.4
26	18.1	16.1	30.8	32.4	19.4	9.8	33.6	26.1					36.4	15.1	41.8	31.2
27	24.8	18.9	32.3	33.5	10	11.1	28.4	28.7					29.9	21.5	40.4	35.7
28	22	18	34.7	32.6	18	13.4	33.6	30.1					49.1	22.7	47.8	40.1
29	21.2	15.1	35.8	33.7	16.6	12.5	31.3	30.3					36.7	14.3	45	35.8
30	15	18.1	31	35.3	15.4	11.4	31.7	26.6					44.6	23.8	46.8	37.9

Note: All values are volumetric moisture content, in weight percent