Tree	Sensor	Stage	Species	DBH (cm)	Weather station	Active depth	99.5th percentile instantaneous velocity (cm/h)		12.5 mm - 27.5 mm sensor correlation	99.5th pctile daily integral velocity[1] (cm/day)	Lag relative to radiation (hours)	Lag relative to VPD (hours)	Wood dry density (12.5 mm / 27.5 mm) (g dry wood/cm^3)	Wood water content (12.5 mm / 27.5 mm) (g water/g dry wood)
							12.5 mm depth	27.5 mm depth						
1	1.1a	1	bay	10	R1	12.5 mm	1.8	inactive	n/a	15.5	3.5	1.0	0.61 / 0.54	0.50 / 0.49
2	2.1a	1	bay	10	R1	12.5 mm	9.6	5.6	0.89	83.1	3.0	0.5	0.56 / 0.59	0.48 / 0.52
3	3.1a	1	live[2]	12.9	R1	27.5 mm	15.4	12.2	0.96	113.4	2.5	0.5	0.73 / 0.70	0.65 / 0.56
4	4.1a	1	live	18.2	R1	12.5 mm	14.8	3.3	0.84	132.2	2.5	0.0	0.74 / 0.78	0.60 / 0.59
4	4.2a	2	live	18.2	R1	12.5 mm	11.2	8.6	0.99	99.4	2.5	0.0	0.68 / n.m.[3]	0.68 / n.m.
5	5.1a	1	doug	140	TB	27.5 mm	9.9	17.8	0.98	224.4	2.5	0.5	0.38 / 0.42	1.54 / 0.86
5	5.1b	1	doug	140	TB	27.5 mm	16.0	12.3	0.88	188.2	2.5	1.0	n.m. / n.m.	n.m. / n.m.
5	5.1c	1	doug	140	TB	27.5 mm	17.3	23.6	0.94	334.3	3.0	1.0	0.37 / 0.35	1.77 / 1.87
5	5.2a	2	doug	140	TB	12.5 mm	23.2	8.3	0.99	287.3	2.5	0.5	0.44 / n.m.	1.25 / n.m.
5	5.2b	2	doug	140	TB	27.5 mm	10.5	15.8	0.98	232.9	2.5	1.0	0.38 / n.m.	1.53 / n.m.
5	5.2c	2	doug	140	TB	27.5 mm	5.3	8.7	0.91	117.0	3.0	1.0	0.42 / n.m.	0.39 / n.m.
6	6.1a	1	live	18.2	R1	12.5 mm	16.8	13.8	0.98	147.7	2.5	0.0	0.70 / 0.68	0.70 / 0.68
6	6.2a	2	live	18.2	R1	12.5 mm	4.4	2.7	0.89	42.1	2.5	0.0	0.72 / n.m.	0.63 / n.m.
7	7.1a	1	live	9.7	R2	12.5 mm	15.4	2.6	0.84	144.2	2.5	0.5	0.76 / 0.75	0.51 / 0.46
7	7.2a	2	live	9.7	R2	12.5 mm	8.9	5.0	0.93	83.9	2.5	0.5	n.m. / n.m.	n.m. / n.m.
8	8.1a	1	doug	133	TB	27.5 mm	16.7	29.9	0.97	386.4	3.0	1.0	n.m. / n.m.	n.m. / n.m.
8	8.1b	1	doug	133	TB	27.5 mm	10.8	22.4	0.98	284.0	2.5	0.5	0.47 / 0.45	0.77 / 1.07
8	8.2a	2	doug	133	TB	27.5 mm	8.3	19.2	0.99	303.4	2.0	0.5	0.49 / n.m.	0.91 / n.m.
8	8.2b	2	doug	133	TB	27.5 mm	2.3	9.3	0.88	118.0	2.5	0.5	0.42 / n.m.	1.01 / n.m.
9	9.1a	1	doug	114	TB	12.5 mm	15.3	7.9	0.95	201.2	2.5	0.5	0.57 / 0.67	0.81 / 0.31
9	9.1b	1	doug	114	TB	27.5 mm	17.8	21.3	0.99	279.5	2.0	0.5	n.m. / n.m.	n.m. / n.m.
9	9.2a	2	doug	114	TB	27.5 mm	10.4	15.8	0.99	196.5	2.0	0.5	0.50 / n.m.	1.04 / n.m.
10	10.1a	1	live	15.8	R2	12.5 mm	15.0	10.9	0.98	160.2	2.5	0.5	0.70 / 0.69	0.57 / 0.59
10	10.2a	2	live	15.8	R2	12.5 mm	11.6	12.1	0.97	152.2	2.5	0.5	0.69 / n.m.	0.66 / n.m.
11	11.1a	1	madr	8.9	R2	12.5 mm	4.1	3.5	0.80	38.1	2.0	0.0	0.57 / 0.57	0.78 / 0.74
11	11.2a	2	madr	8.9	R2	12.5 mm	12.3	inactive	n/a	116.1	2.0	0.0	0.58 / n.m.	0.89 / n.m.
12	12.1a	1	doug	102	TB	27.5 mm	12.5	12.2	0.99	140.9	2.0	0.5	0.57 / 0.52	0.61 / 0.72
12	12.1b	1	doug	102	TB	12.5 mm	16.3	11.7	0.99	204.1	2.0	0.5	0.58 / 0.54	0.52 / 0.59
13	13.1a	1	bay	13.7	R2	12.5 mm	4.7	inactive	n/a	56.1	3.0	0.5	0.68 / 0.67	0.42 / 0.42
13	13.2a	2	bay	13.7	R2	12.5 mm	5.6	inactive	n/a	60.1	3.0	0.5	0.70 / n.m.	0.49 / n.m.
14	14.1a	1	bay	15	R2	12.5 mm	18.9	9.5	0.99	199.1	2.0	0.0	0.66 / 0.60	0.63 / 0.49
14	14.2a	2	bay	15	R2	12.5 mm	19.0	8.9	0.99	202.1	2.0	0.0	n.m. / n.m.	n.m. / n.m.
15	15.1a	1	doug	66.3	R3	12.5 mm	16.5	2.3	0.93	216.0	2.0	0.0	0.48 / 0.52	0.72 / 0.52
15	15.1b	1	doug	66.3	R3	27.5 mm	35.4	39.6	0.99	524.8	2.0	0.0	n.m. / n.m.	n.m. / n.m.
15	15.1c	1	doug	66.3	R3	27.5 mm	21.4	13.4	0.97	204.0	3.0	0.5	0.52 / 0.51	0.63 / 0.41
15	15.2a	2	doug	66.3	R3	12.5 mm	12.3	7.6	0.98	144.5	2.0	0.0	0.52 / n.m.	0.55 / n.m.
15	15.2b	2	doug	66.3	R3	27.5 mm	10.3	11.8	0.93	133.9	2.0	0.0	0.52 / n.m.	0.86 / n.m.
16	16.1a	1	madr	31.5	R3	12.5 mm	17.7	10.5	1.00	173.0	2.0	0.0	0.58 / 0.58	0.78 / 0.78
16	16.1b	1	madr	31.5	R3	12.5 mm	20.7	23.4	0.99	193.8	2.0	0.0	0.55 / 0.58	0.87 / 0.88
16	16.2a	2	madr	31.5	R3	12.5 mm	19.8	12.2	0.99	182.0	2.0	0.0	n.m. / n.m.	n.m. / n.m.
16	16.2b	2	madr	31.5	R3	12.5 mm	19.3	12.2	0.99	155.8	2.0	0.0	0.55 / n.m.	1.01 / n.m.
17	17.1a	1	live	40	R3	27.5 mm	14.8	28.3	0.96	281.8	2.5	0.5	0.73 / 0.71	0.58 / 0.56
17	17.2a	2	live	40	R3	12.5 mm	19.7	16.8	0.97	202.4	2.5	0.5	0.72 / n.m.	0.64 / n.m.
18	18.1a	1	bay	29.9	R3	12.5 mm	10.9	4.3	0.77	118.9	3.0	0.5	0.64 / 0.64	0.46 / 0.51
18	18.2a	2	bay	29.9	R3	12.5 mm	10.5	6.2	0.80	114.6	3.0	0.5	0.56 / n.m.	0.60 / n.m.
19	19.1a	1	madr	51.7	R3	12.5 mm	29.5	6.6	0.97	322.0	3.0	0.5	0.56 / 0.55	0.78 / 0.80
19	19.2a	2	madr	51.7	R3	27.5 mm	inactive	21.6	n/a	217.8	3.0	0.5	0.60 / n.m.	0.82 / n.m.
20	20.1a	1	tan	17.8	R3	12.5 mm	17.4	12.1	0.78	172.4	2.5	0.0	0.63 / 0.63	0.66 / 0.66
20	20.2a	2	tan	17.8	R3	12.5 mm	12.5	4.2	0.53	118.9	2.5	0.0	0.66 / n.m.	0.70 / n.m.
21	21.1a	1	doug	29.5	R3	12.5 mm	14.1	1.0	0.94	177.4	2.5	0.0	0.47 / 0.43	0.71 / 0.36
22	22.1a	1	doug	19.4	R3	12.5 mm	1.4	inactive	n/a	15.4	2.5	0.5	0.61 / 0.44	0.25 / 0.30
23	23.1a	1	doug	20	R3	12.5 mm	8.9	inactive	n/a	97.4	2.0	0.0	0.65 / 0.64	0.23 / 0.26
24	24.1a	1	madr	36.4	R3	12.5 mm	16.6	8.0	0.99	147.8	3.0	0.5	n.m. / n.m.	n.m. / n.m.
24	24.1b	1	madr	36.4	R3	27.5 mm	15.1	26.4	0.98	244.3	3.0	0.5	0.53 / 0.57	0.77 / 0.87
24	24.2a	2	madr	36.4	R3	12.5 mm	26.0	18.8	0.99	231.5	3.0	0.5	0.55 / n.m.	0.88 / n.m.
25	25.1a	1	doug	119	TB	27.5 mm	10.3	19.3	0.97	217.9	2.0	0.5	n.m. / n.m.	n.m. / n.m.
25	25.1b	1	doug	119	TB	12.5 mm	23.9	24.7	0.99	293.6	2.0	0.5	n.m. / n.m.	n.m. / n.m.
25	25.1c	1	doug	119	TB	12.5 mm	15.7	15.4	0.98	187.8	2.0	0.5	0.57 / 0.54	0.69 / 0.57
25	25.1d	1	doug	119	TB	27.5 mm	12.7	20.0	0.98	261.9	2.5	1.0	0.55 / 0.48	0.65 / 0.71
25	25.2a	2	doug	119	TB	27.5 mm	10.5	21.9	0.96	229.9	2.0	0.5	0.53 / n.m.	0.86 / n.m.
25	25.2b	2	doug	119	TB	27.5 mm	9.6	24.6	0.98	279.0	2.0	0.5	0.41 / n.m.	0.99 / n.m.
25	25.2c	2	doug	119	TB	27.5 mm	18.8	29.7	0.93	363.5	2.0	0.5	0.53 / n.m.	0.88 / n.m.
25	25.2d	2	doug	119	TB	27.5 mm	11.7	24.4	0.95	296.2	2.5	1.0	0.54 / n.m.	0.85 / n.m.
26	26.2a	2	live	69.5	TB	12.5 mm	9.6	7.8	0.99	102.8	2.5	0.5	0.74 / n.m.	0.64 / n.m.

[1]99.5th percentile daily integral velocity from the "active" sensor depth.

[2]Species codes: doug = Douglas-fir, madr = Pacific madrone, live = live oak, tan = tanoak

[3]n.m. = not measured.