

Appendix 7.1. IMPROVE Annual Mean Light Extinction Coefficient Trends

Table 7.1.1. IMPROVE short-term (2000–2019) annual mean ambient b_{ext} trends for sites that met completeness criteria (see Chapter 7). Species include ammonium sulfate (AS), ammonium nitrate (AN), particulate organic matter (POM), elemental carbon (EC), fine dust (FD), coarse mass (CM), fine b_{ext} , aerosol b_{ext} , total b_{ext} (aerosol + Rayleigh), and deciview (dv). The slope is derived from a linear trend regression, beginning and end year b_{ext} are based on the linear fit for year 2000 and 2019, the mean and median annual mean b_{ext} over the 2000-2019 period, standard deviation in the mean over the 2000-2019 period, and trend is the slope divided by the median b_{ext} times 100. Wavelength of 500nm.

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b_{ext} (Mm ⁻¹)	End Year b_{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	ACAD1	44.377	-68.261	-1.22	0.00	26.64	3.43	16.06	15.03	7.17	-8.13
AS	AGTI1	33.464	-116.971	-0.71	0.00	17.29	3.79	11.82	10.18	4.24	-6.98
AS	BADL1	43.743	-101.941	-0.30	0.00	11.92	6.17	8.48	9.04	1.95	-3.35
AS	BALD1	34.058	-109.441	-0.11	0.00	4.74	2.58	3.60	3.60	0.72	-3.15
AS	BAND1	35.78	-106.266	-0.15	0.00	5.78	2.93	4.26	4.36	0.97	-3.44
AS	BIBE1	29.303	-103.178	-0.31	0.00	13.66	7.70	11.04	10.68	2.13	-2.93
AS	BLIS1	38.976	-120.103	-0.08	0.00	4.03	2.49	3.28	3.30	0.54	-2.46
AS	BOAP1	33.869	-106.852	-0.18	0.00	6.43	3.04	4.77	4.74	1.10	-3.77
AS	BOND1	40.052	-88.373	-2.17	0.00	52.44	11.28	32.40	30.78	13.15	-7.04
AS	BOWA1	47.947	-91.495	-0.54	0.00	15.35	5.05	10.14	10.20	3.32	-5.32
AS	BRCA1	37.618	-112.174	-0.10	0.00	4.13	2.14	3.11	3.13	0.68	-3.34
AS	BRID1	42.975	-109.758	-0.11	0.00	4.06	1.93	3.03	2.99	0.72	-3.75
AS	BRIG1	39.465	-74.449	-2.69	0.00	53.06	1.87	31.66	27.47	16.17	-9.81
AS	BRMA1	44.107	-70.729	-1.39	0.00	28.46	1.99	17.68	17.31	6.63	-8.05
AS	CABA1	43.833	-70.064	-1.24	0.00	26.41	2.82	15.76	13.99	7.61	-8.87
AS	CABI1	47.955	-115.671	-0.15	0.00	5.39	2.48	3.81	3.85	0.86	-3.98
AS	CACO1	41.976	-70.024	-1.64	0.00	32.81	1.58	19.82	16.37	9.75	-10.04
AS	CACR1	34.454	-94.143	-1.59	0.00	41.31	11.17	27.20	25.45	10.06	-6.23
AS	CANY1	38.459	-109.821	-0.13	0.00	4.80	2.25	3.43	3.53	0.84	-3.80
AS	CAPI1	38.302	-111.293	-0.13	0.00	4.71	2.24	3.49	3.47	0.84	-3.74
AS	CEBL1	38.77	-99.763	-0.57	0.00	18.23	7.32	12.10	11.91	3.20	-4.82
AS	CHAS1	28.748	-82.555	-1.96	0.00	45.74	8.56	30.57	27.15	12.53	-7.21
AS	CHIR1	32.009	-109.389	-0.15	0.00	6.33	3.51	4.91	4.92	0.94	-3.01
AS	COHU1	34.785	-84.627	-3.37	0.00	65.16	1.06	34.90	29.74	19.27	-11.34
AS	CORI1	45.664	-121.001	-0.41	0.00	13.52	5.82	9.99	9.67	2.82	-4.20
AS	CRLA1	42.896	-122.136	-0.08	0.00	4.76	3.17	3.80	3.96	0.67	-2.12
AS	CRMO1	43.46	-113.555	-0.12	0.00	4.24	1.98	3.06	3.11	0.73	-3.83
AS	DENA1	63.723	-148.967	-0.03	0.48	3.15	2.66	2.93	2.91	0.75	-0.89

AS	DOME1	35.728	-118.138	-0.16	0.00	7.90	4.89	6.46	6.32	1.04	-2.51
AS	DOSO1	39.105	-79.426	-2.95	0.00	60.30	4.28	35.95	32.29	18.32	-9.13
AS	EGBE1	44.231	-79.783	-1.23	0.00	33.14	9.76	17.64	17.76	5.96	-6.93
AS	EVER1	25.391	-80.681	-0.72	0.00	24.29	10.66	17.97	17.12	4.87	-4.19
AS	FLAT1	47.773	-114.269	-0.14	0.00	5.34	2.76	3.86	3.85	0.75	-3.53
AS	FOPE1	48.308	-105.102	-0.23	0.00	10.86	6.57	8.11	8.37	1.63	-2.70
AS	FRRE1	39.706	-79.012	-3.25	0.00	67.25	5.51	34.15	29.88	17.79	-10.87
AS	GAMO1	46.826	-111.711	-0.10	0.00	3.72	1.73	2.82	2.67	0.62	-3.92
AS	GICL1	33.22	-108.235	-0.15	0.00	5.56	2.63	4.09	4.10	1.00	-3.76
AS	GLAC1	48.511	-113.997	-0.24	0.00	8.14	3.52	5.88	5.83	1.54	-4.17
AS	GRBA1	39.005	-114.216	-0.07	0.00	3.36	2.01	2.59	2.68	0.47	-2.64
AS	GRCA2	36.066	-112.154	-0.12	0.00	4.69	2.36	3.52	3.52	0.77	-3.48
AS	GRGU1	44.308	-71.218	-1.23	0.00	25.99	2.57	14.80	13.66	7.42	-9.02
AS	GRR11	43.937	-91.405	-1.18	0.00	28.10	5.75	16.89	15.16	6.59	-7.76
AS	GRSA1	37.725	-105.519	-0.14	0.00	5.17	2.56	3.77	3.87	0.87	-3.56
AS	GRSM1	35.633	-83.942	-3.25	0.00	64.63	2.91	38.22	33.77	20.61	-9.62
AS	GUMO1	31.833	-104.809	-0.23	0.00	9.69	5.37	7.93	7.53	1.68	-3.02
AS	HAVO1	19.431	-155.258	-0.05	0.81	21.63	20.60	22.94	21.09	8.38	-0.26
AS	HECA1	44.97	-116.844	-0.14	0.00	5.06	2.34	3.64	3.63	0.92	-3.95
AS	HEGL1	36.614	-92.922	-1.66	0.00	41.55	9.98	25.89	24.93	10.48	-6.66
AS	HOOV1	38.088	-119.177	-0.06	0.00	3.46	2.38	2.85	2.86	0.43	-2.00
AS	IKBA1	34.34	-111.683	-0.14	0.00	5.73	3.11	4.33	4.42	0.90	-3.12
AS	ISLE1	47.46	-88.149	-0.70	0.00	18.57	5.21	12.36	11.89	4.37	-5.92
AS	JARB1	41.893	-115.426	-0.06	0.00	3.28	2.09	2.65	2.68	0.45	-2.33
AS	JARI1	37.627	-79.512	-2.97	0.00	58.20	1.71	33.24	28.47	18.01	-10.45
AS	JOSH1	34.07	-116.389	-0.23	0.00	8.52	4.06	6.38	6.29	1.60	-3.73
AS	KAIS1	37.221	-119.155	-0.08	0.00	4.89	3.35	4.12	4.04	0.58	-2.00
AS	KALM1	42.552	-124.059	-0.17	0.00	7.57	4.41	5.64	5.99	1.13	-2.78
AS	LABE1	41.712	-121.507	-0.11	0.00	4.91	2.72	3.81	3.82	0.73	-3.01
AS	LASU2	40.693	-92.006	-1.58	0.00	37.83	7.79	20.94	18.86	8.23	-8.38
AS	LAVO1	40.54	-121.577	-0.10	0.00	4.50	2.67	3.61	3.58	0.63	-2.67
AS	LIGO1	35.972	-81.933	-3.03	0.00	57.85	0.22	35.38	29.04	21.20	-10.45
AS	LOST1	48.642	-102.402	-0.28	0.00	13.65	8.27	10.77	10.96	2.13	-2.58
AS	MACA1	37.132	-86.148	-3.32	0.00	75.45	12.45	45.77	43.95	21.38	-7.54
AS	MAVI1	41.331	-70.785	-1.73	0.00	36.57	3.63	19.75	17.50	9.94	-9.91
AS	MEAD1	36.019	-114.068	-0.15	0.00	5.36	2.45	3.62	3.68	0.82	-4.16
AS	MELA1	48.487	-104.476	-0.20	0.00	10.67	6.83	8.84	8.75	1.50	-2.31

AS	MEVE1	37.198	-108.491	-0.15	0.00	5.38	2.46	3.92	3.92	0.97	-3.93
AS	MING1	36.972	-90.143	-2.12	0.00	49.84	9.54	30.47	28.63	13.35	-7.41
AS	MOHO1	45.289	-121.784	-0.17	0.00	6.35	3.19	4.61	4.77	1.17	-3.48
AS	MOMO1	41.821	-73.297	-1.75	0.00	35.47	2.20	20.04	17.09	10.56	-10.25
AS	MONT1	47.122	-113.154	-0.12	0.00	4.67	2.45	3.51	3.56	0.76	-3.29
AS	MOOS1	45.126	-67.266	-0.94	0.00	22.04	4.14	14.10	13.09	5.84	-7.20
AS	MORA1	46.758	-122.124	-0.36	0.00	11.31	4.46	8.20	7.88	2.75	-4.58
AS	MOZI1	40.538	-106.677	-0.11	0.00	4.25	2.14	3.28	3.19	0.75	-3.49
AS	NEBR1	41.889	-100.339	-0.46	0.00	15.36	6.67	9.81	10.33	2.47	-4.42
AS	NOAB1	44.745	-109.382	-0.11	0.00	3.93	1.90	2.86	2.92	0.69	-3.65
AS	NOCA1	48.732	-121.065	-0.27	0.00	8.71	3.51	6.05	6.11	1.88	-4.48
AS	NOCH1	45.65	-106.557	-0.12	0.00	5.95	3.69	4.61	4.64	0.73	-2.56
AS	OKEF1	30.74	-82.128	-2.08	0.00	50.97	11.48	31.72	31.23	12.91	-6.66
AS	OLYM1	48.007	-122.973	-0.34	0.00	10.78	4.40	7.17	7.26	1.89	-4.63
AS	ORPI1	31.951	-112.802	-0.19	0.00	7.28	3.72	5.12	5.22	1.09	-3.60
AS	PASA1	48.388	-119.927	-0.14	0.00	5.72	3.11	4.17	4.35	0.87	-3.15
AS	PEFO1	35.078	-109.769	-0.14	0.00	5.56	2.81	4.06	4.19	0.92	-3.45
AS	PENO1	44.948	-68.648	-1.01	0.00	23.77	4.64	11.79	11.19	4.39	-9.00
AS	PINN1	36.483	-121.157	-0.26	0.00	10.37	5.37	7.65	7.87	1.68	-3.34
AS	PMRF1	44.528	-72.869	-1.32	0.00	28.06	3.04	17.19	14.89	8.41	-8.84
AS	PORE1	38.122	-122.909	-0.38	0.00	13.77	6.54	9.98	10.16	2.49	-3.74
AS	PRIS1	46.696	-68.033	-0.89	0.00	20.37	3.54	12.58	11.51	5.24	-7.70
AS	QUCI1	39.943	-81.338	-3.32	0.00	71.77	8.74	41.31	38.59	19.95	-8.59
AS	QURE1	42.299	-72.335	-1.76	0.00	36.29	2.83	22.51	22.20	8.72	-7.93
AS	QUVA1	33.294	-111.286	-0.13	0.00	6.68	4.13	5.61	5.60	0.79	-2.39
AS	RAFA1	34.734	-120.007	-0.42	0.00	12.13	4.13	9.13	8.13	2.61	-5.18
AS	REDW1	41.561	-124.084	-0.22	0.00	10.06	5.85	7.85	7.95	1.48	-2.78
AS	ROMA1	32.941	-79.657	-2.19	0.00	52.12	10.48	32.99	31.30	14.61	-7.00
AS	ROMO1	40.278	-105.546	-0.15	0.00	5.09	2.29	3.75	3.69	0.96	-4.00
AS	SACR1	33.46	-104.404	-0.27	0.00	11.18	6.12	8.88	8.65	1.77	-3.08
AS	SAGA1	34.297	-118.028	-0.26	0.00	9.30	4.36	6.74	6.57	1.82	-3.95
AS	SAGO1	34.194	-116.913	-0.23	0.00	8.21	3.77	6.09	5.99	1.54	-3.90
AS	SAGU1	32.175	-110.737	-0.16	0.00	6.35	3.29	4.74	4.74	0.98	-3.40
AS	SAMA1	30.093	-84.161	-2.09	0.00	51.08	11.40	32.16	30.20	13.43	-6.92
AS	SAPE1	36.014	-106.845	-0.13	0.00	4.80	2.33	3.50	3.50	0.80	-3.70
AS	SAWE1	32.249	-111.218	-0.15	0.00	6.74	3.90	4.88	5.17	0.94	-2.89
AS	SAWT1	44.171	-114.927	-0.07	0.00	3.14	1.81	2.42	2.47	0.49	-2.84

AS	SENE1	46.289	-85.95	-1.01	0.00	24.30	5.17	16.23	14.73	6.61	-6.83
AS	SEQU1	36.489	-118.829	-0.25	0.00	10.70	6.04	8.89	8.37	1.61	-2.93
AS	SHEN1	38.523	-78.435	-2.74	0.00	54.11	2.11	33.42	28.11	17.61	-9.74
AS	SHMI1	37.304	-107.484	-0.14	0.00	5.20	2.50	3.28	3.50	0.72	-4.06
AS	SHRO1	35.394	-82.774	-2.82	0.00	52.17	-1.49	30.13	25.34	17.34	-11.14
AS	SIAN1	34.091	-110.942	-0.14	0.00	5.46	2.79	4.50	4.40	0.76	-3.19
AS	SIME1	55.326	-160.506	-0.02	0.34	9.93	9.56	10.19	9.72	1.30	-0.20
AS	SIPS1	34.343	-87.339	-2.76	0.00	59.87	7.35	37.24	33.61	18.26	-8.22
AS	SNPA1	47.422	-121.426	-0.35	0.00	9.86	3.20	7.24	6.53	2.76	-5.36
AS	STAR1	45.225	-118.513	-0.17	0.00	6.13	2.92	4.54	4.53	1.07	-3.74
AS	SULA1	45.86	-114	-0.10	0.00	4.03	2.18	2.95	3.10	0.61	-3.13
AS	SWAN1	35.451	-76.207	-1.93	0.00	45.07	8.48	26.67	25.81	11.78	-7.46
AS	SYCA1	35.141	-111.969	-0.12	0.00	5.19	2.98	4.36	4.32	0.75	-2.69
AS	TALL1	38.434	-96.56	-1.00	0.00	29.53	10.56	18.29	18.55	5.94	-5.38
AS	THBA1	44.663	-105.287	-0.15	0.00	6.72	3.84	5.17	4.98	0.98	-3.05
AS	THRO1	46.895	-103.378	-0.24	0.00	11.20	6.65	8.76	8.92	1.77	-2.68
AS	THSI1	44.291	-122.043	-0.18	0.00	7.04	3.65	5.25	5.34	1.14	-3.34
AS	TONT1	33.655	-111.107	-0.16	0.00	6.46	3.38	4.96	4.92	1.03	-3.30
AS	TRCR1	62.315	-150.316	-0.07	0.14	4.45	3.16	3.79	3.74	0.93	-1.82
AS	TRIN1	40.786	-122.805	-0.10	0.01	5.56	3.58	4.54	4.67	0.80	-2.23
AS	ULBE1	47.582	-108.72	-0.12	0.00	6.43	4.15	5.16	5.29	0.88	-2.26
AS	UPBU1	35.826	-93.203	-1.42	0.00	37.77	10.74	25.58	24.25	9.97	-5.87
AS	VIIS1	18.336	-64.796	-0.06	0.47	9.94	8.76	9.42	9.42	1.65	-0.66
AS	VILA1	40.969	-95.045	-1.18	0.00	31.14	8.78	18.83	18.19	6.69	-6.47
AS	VOYA2	48.413	-92.829	-0.46	0.00	13.56	4.83	9.27	9.20	2.84	-5.00
AS	WEMI1	37.659	-107.8	-0.12	0.00	4.31	2.05	3.14	3.18	0.74	-3.73
AS	WHIT1	33.469	-105.535	-0.17	0.00	7.24	4.04	5.60	5.47	1.19	-3.07
AS	WHPA1	46.624	-121.388	-0.17	0.00	5.65	2.41	4.20	4.03	1.20	-4.23
AS	WHPE1	36.585	-105.452	-0.13	0.00	4.76	2.38	3.24	3.45	0.73	-3.63
AS	WHRI1	39.154	-106.821	-0.11	0.00	3.91	1.76	2.87	2.83	0.68	-4.00
AS	WICA1	43.558	-103.484	-0.22	0.00	8.49	4.36	6.23	6.43	1.44	-3.38
AS	WIMO1	34.732	-98.713	-0.88	0.00	26.49	9.71	18.17	17.66	5.63	-5.00
AS	YELL2	44.565	-110.4	-0.10	0.00	4.05	2.07	2.96	3.06	0.68	-3.42
AS	YOSE1	37.713	-119.706	-0.11	0.00	5.56	3.54	4.58	4.55	0.79	-2.34
AS	ZICA1	37.198	-113.151	-0.14	0.00	5.00	2.28	3.42	3.42	0.76	-4.19
AN	ACAD1	44.377	-68.261	-0.09	0.00	3.48	1.83	2.87	2.61	0.70	-3.32
AN	AGTI1	33.464	-116.971	-0.48	0.00	11.95	2.76	8.65	7.11	3.68	-6.80

AN	BADL1	43.743	-101.941	-0.04	0.04	3.27	2.55	3.06	2.89	0.56	-1.31
AN	BALD1	34.058	-109.441	-0.01	0.00	0.86	0.60	0.76	0.72	0.12	-1.93
AN	BAND1	35.78	-106.266	-0.04	0.00	1.55	0.85	1.22	1.18	0.28	-3.10
AN	BIBE1	29.303	-103.178	-0.01	0.25	1.29	1.08	1.17	1.18	0.18	-0.94
AN	BLIS1	38.976	-120.103	-0.04	0.00	1.47	0.70	1.18	1.09	0.30	-3.71
AN	BOAP1	33.869	-106.852	-0.05	0.00	1.90	0.87	1.50	1.36	0.50	-4.02
AN	BOND1	40.052	-88.373	-0.75	0.00	32.00	17.81	23.79	24.53	5.00	-3.04
AN	BOWA1	47.947	-91.495	-0.09	0.01	5.40	3.62	4.64	4.46	1.17	-2.10
AN	BRCA1	37.618	-112.174	-0.05	0.00	1.68	0.76	1.25	1.19	0.35	-4.04
AN	BRID1	42.975	-109.758	-0.02	0.01	1.09	0.69	0.86	0.88	0.19	-2.42
AN	BRIG1	39.465	-74.449	-0.20	0.00	10.57	6.78	8.72	8.58	1.37	-2.33
AN	BRMA1	44.107	-70.729	-0.08	0.07	3.06	1.46	2.56	2.39	0.63	-3.54
AN	CABA1	43.833	-70.064	-0.11	0.00	4.54	2.51	3.58	3.47	0.86	-3.07
AN	CABI1	47.955	-115.671	-0.02	0.00	1.50	1.09	1.27	1.28	0.24	-1.69
AN	CACO1	41.976	-70.024	-0.10	0.00	4.91	3.10	4.15	3.96	0.73	-2.41
AN	CACR1	34.454	-94.143	-0.28	0.00	10.00	4.66	6.80	7.19	1.67	-3.91
AN	CANY1	38.459	-109.821	-0.05	0.00	1.79	0.92	1.38	1.33	0.40	-3.47
AN	CAPI1	38.302	-111.293	-0.05	0.00	1.85	0.83	1.46	1.31	0.49	-4.10
AN	CEBL1	38.77	-99.763	-0.35	0.01	11.88	5.22	8.71	8.02	2.59	-4.37
AN	CHAS1	28.748	-82.555	-0.07	0.00	4.99	3.58	4.35	4.25	0.58	-1.74
AN	CHIR1	32.009	-109.389	-0.01	0.04	0.95	0.74	0.88	0.84	0.16	-1.36
AN	COHU1	34.785	-84.627	-0.22	0.00	7.40	3.13	5.24	5.04	1.36	-4.46
AN	CORI1	45.664	-121.001	-0.29	0.12	15.89	10.37	12.80	12.99	3.60	-2.24
AN	CRLA1	42.896	-122.136	-0.02	0.12	1.05	0.74	1.00	0.89	0.42	-1.86
AN	CRMO1	43.46	-113.555	-0.12	0.00	4.32	1.97	3.12	3.08	1.03	-4.01
AN	DENA1	63.723	-148.967	-0.01	0.06	0.47	0.30	0.48	0.38	0.27	-2.43
AN	DOME1	35.728	-118.138	-0.25	0.00	7.20	2.40	4.70	4.55	1.81	-5.55
AN	DOSO1	39.105	-79.426	-0.07	0.03	5.04	3.68	4.36	4.32	0.71	-1.66
AN	EGBE1	44.231	-79.783	-0.31	0.06	18.74	12.93	14.95	14.92	2.18	-2.05
AN	EVER1	25.391	-80.681	-0.04	0.03	3.76	2.97	3.41	3.34	0.38	-1.25
AN	FLAT1	47.773	-114.269	-0.04	0.01	1.81	0.97	1.40	1.33	0.33	-3.33
AN	FOPE1	48.308	-105.102	-0.06	0.41	5.89	4.71	5.54	5.21	1.28	-1.19
AN	FRRE1	39.706	-79.012	0.01	0.79	5.62	5.77	5.86	5.71	0.82	0.14
AN	GAMO1	46.826	-111.711	-0.03	0.00	1.24	0.65	0.98	0.93	0.23	-3.33
AN	GICL1	33.22	-108.235	-0.01	0.07	0.65	0.53	0.61	0.59	0.10	-1.04
AN	GLAC1	48.511	-113.997	-0.07	0.07	3.07	1.66	2.66	2.33	0.79	-3.20
AN	GRBA1	39.005	-114.216	-0.03	0.00	1.00	0.49	0.73	0.73	0.17	-3.66

AN	GRCA2	36.066	-112.154	-0.03	0.00	1.30	0.77	1.02	1.02	0.21	-2.75
AN	GRGU1	44.308	-71.218	-0.03	0.03	1.88	1.29	1.62	1.57	0.34	-1.96
AN	GRR11	43.937	-91.405	-0.66	0.00	24.02	11.51	17.31	16.78	3.73	-3.93
AN	GRSA1	37.725	-105.519	-0.04	0.00	1.49	0.77	1.10	1.11	0.29	-3.40
AN	GRSM1	35.633	-83.942	-0.14	0.00	5.61	2.91	4.49	4.19	1.13	-3.39
AN	GUMO1	31.833	-104.809	-0.04	0.02	2.10	1.41	1.79	1.74	0.34	-2.08
AN	HAVO1	19.431	-155.258	-0.01	0.05	0.88	0.64	0.78	0.76	0.13	-1.71
AN	HECA1	44.97	-116.844	-0.17	0.03	4.91	1.66	4.21	3.20	2.13	-5.34
AN	HEGL1	36.614	-92.922	-0.29	0.00	12.02	6.56	8.81	9.15	2.21	-3.14
AN	HOOV1	38.088	-119.177	-0.02	0.02	1.03	0.70	0.89	0.85	0.21	-2.04
AN	IKBA1	34.34	-111.683	-0.06	0.00	2.09	1.02	1.56	1.53	0.39	-3.67
AN	ISLE1	47.46	-88.149	-0.12	0.01	5.66	3.46	4.83	4.50	1.26	-2.57
AN	JARB1	41.893	-115.426	-0.02	0.00	0.89	0.52	0.71	0.70	0.16	-2.78
AN	JARI1	37.627	-79.512	-0.22	0.00	7.06	2.90	5.17	4.87	1.35	-4.50
AN	JOSH1	34.07	-116.389	-0.43	0.00	9.31	1.13	5.71	5.01	2.80	-8.60
AN	KAIS1	37.221	-119.155	-0.08	0.00	3.18	1.58	2.38	2.30	0.61	-3.69
AN	KALM1	42.552	-124.059	-0.04	0.01	1.83	1.09	1.53	1.44	0.35	-2.70
AN	LABE1	41.712	-121.507	-0.03	0.02	1.60	1.03	1.32	1.30	0.37	-2.32
AN	LASU2	40.693	-92.006	-0.77	0.00	27.05	12.36	18.10	17.77	4.29	-4.35
AN	LAVO1	40.54	-121.577	-0.04	0.00	1.52	0.77	1.27	1.13	0.31	-3.49
AN	LIGO1	35.972	-81.933	-0.06	0.00	3.32	2.14	2.80	2.70	0.57	-2.31
AN	LOST1	48.642	-102.402	-0.10	0.09	8.74	6.76	8.00	7.70	1.01	-1.35
AN	MACA1	37.132	-86.148	-0.46	0.00	15.26	6.60	11.06	10.70	2.66	-4.26
AN	MAVI1	41.331	-70.785	-0.09	0.00	6.11	4.43	5.21	5.14	0.52	-1.72
AN	MEAD1	36.019	-114.068	-0.03	0.00	1.28	0.76	1.00	0.98	0.18	-2.80
AN	MELA1	48.487	-104.476	-0.03	0.60	6.44	5.93	6.32	6.17	1.01	-0.44
AN	MEVE1	37.198	-108.491	-0.04	0.00	1.50	0.67	1.14	1.06	0.35	-4.08
AN	MING1	36.972	-90.143	-0.48	0.00	15.43	6.40	10.41	10.68	3.10	-4.45
AN	MOHO1	45.289	-121.784	-0.06	0.00	2.33	1.17	1.85	1.72	0.44	-3.56
AN	MOMO1	41.821	-73.297	-0.06	0.05	5.33	4.13	4.98	4.67	0.80	-1.35
AN	MONT1	47.122	-113.154	-0.02	0.04	0.98	0.61	0.81	0.79	0.19	-2.49
AN	MOOS1	45.126	-67.266	-0.08	0.00	2.89	1.34	2.29	2.07	0.58	-3.95
AN	MORA1	46.758	-122.124	-0.06	0.00	2.29	1.17	1.86	1.70	0.42	-3.45
AN	MOZI1	40.538	-106.677	-0.03	0.00	1.23	0.70	1.00	0.95	0.22	-2.91
AN	NEBR1	41.889	-100.339	-0.23	0.05	8.80	4.48	6.49	6.30	1.81	-3.60
AN	NOAB1	44.745	-109.382	-0.03	0.00	1.22	0.68	0.92	0.94	0.23	-3.01
AN	NOCA1	48.732	-121.065	-0.02	0.00	1.32	0.87	1.12	1.09	0.19	-2.16

AN	NOCH1	45.65	-106.557	-0.01	0.74	1.53	1.35	1.52	1.43	0.31	-0.66
AN	OKEF1	30.74	-82.128	-0.07	0.00	4.40	3.03	3.79	3.68	0.57	-1.95
AN	OLYM1	48.007	-122.973	-0.10	0.01	4.09	2.15	3.13	3.02	0.67	-3.39
AN	ORPI1	31.951	-112.802	-0.02	0.03	1.78	1.40	1.50	1.56	0.18	-1.27
AN	PASA1	48.388	-119.927	-0.03	0.10	1.79	1.24	1.52	1.50	0.30	-1.94
AN	PEFO1	35.078	-109.769	-0.04	0.00	1.51	0.71	1.16	1.09	0.29	-3.88
AN	PENO1	44.948	-68.648	-0.04	0.06	3.24	2.49	2.66	2.74	0.33	-1.44
AN	PINN1	36.483	-121.157	-0.24	0.00	7.85	3.34	5.65	5.48	1.49	-4.34
AN	PMRF1	44.528	-72.869	-0.08	0.00	4.19	2.58	3.60	3.34	0.77	-2.54
AN	PORE1	38.122	-122.909	-0.31	0.00	10.04	4.18	7.31	6.96	2.82	-4.44
AN	PRIS1	46.696	-68.033	-0.05	0.00	2.74	1.87	2.39	2.28	0.52	-2.02
AN	QUCI1	39.943	-81.338	0.01	0.86	8.34	8.56	9.04	8.45	1.43	0.14
AN	QURE1	42.299	-72.335	-0.13	0.03	5.81	3.35	4.78	4.77	0.93	-2.71
AN	QUVA1	33.294	-111.286	-0.09	0.00	2.68	0.93	2.22	1.94	0.63	-4.76
AN	RAFA1	34.734	-120.007	-0.20	0.00	7.07	3.30	5.49	5.09	1.60	-3.91
AN	REDW1	41.561	-124.084	-0.10	0.00	3.32	1.51	2.50	2.37	0.70	-4.02
AN	ROMA1	32.941	-79.657	-0.09	0.00	4.95	3.18	4.10	4.02	0.61	-2.31
AN	ROMO1	40.278	-105.546	-0.06	0.00	2.17	1.07	1.78	1.59	0.56	-3.65
AN	SACR1	33.46	-104.404	-0.09	0.02	4.62	3.00	3.93	3.77	0.72	-2.26
AN	SAGA1	34.297	-118.028	-0.39	0.00	9.95	2.50	6.72	5.84	2.52	-6.72
AN	SAGO1	34.194	-116.913	-0.72	0.00	15.45	1.70	9.63	8.22	4.61	-8.81
AN	SAGU1	32.175	-110.737	-0.06	0.00	2.23	1.16	1.72	1.67	0.38	-3.37
AN	SAMA1	30.093	-84.161	-0.06	0.01	4.54	3.37	3.94	3.92	0.52	-1.57
AN	SAPE1	36.014	-106.845	-0.02	0.00	1.12	0.65	0.91	0.87	0.17	-2.82
AN	SAWE1	32.249	-111.218	-0.06	0.00	2.61	1.45	2.05	1.97	0.42	-3.11
AN	SAWT1	44.171	-114.927	-0.01	0.20	0.53	0.43	0.50	0.48	0.11	-1.08
AN	SENE1	46.289	-85.95	-0.19	0.00	8.31	4.70	6.64	6.41	1.61	-2.97
AN	SEQU1	36.489	-118.829	-0.67	0.00	17.96	5.23	11.33	11.26	4.45	-5.95
AN	SHEN1	38.523	-78.435	-0.18	0.00	7.58	4.18	6.16	5.79	1.31	-3.09
AN	SHMI1	37.304	-107.484	-0.03	0.02	1.49	0.86	1.05	1.09	0.23	-3.04
AN	SHRO1	35.394	-82.774	-0.02	0.06	3.18	2.73	2.95	2.94	0.28	-0.80
AN	SIAN1	34.091	-110.942	-0.06	0.00	1.65	0.51	1.27	1.17	0.32	-5.12
AN	SIME1	55.326	-160.506	0.00	0.79	1.25	1.30	1.28	1.28	0.14	0.19
AN	SIPS1	34.343	-87.339	-0.29	0.00	9.79	4.31	6.72	6.90	1.77	-4.18
AN	SNPA1	47.422	-121.426	-0.14	0.00	4.67	2.04	3.82	3.29	1.12	-4.21
AN	STAR1	45.225	-118.513	-0.10	0.01	3.62	1.67	3.23	2.59	1.45	-3.96
AN	SULA1	45.86	-114	-0.03	0.02	1.01	0.51	0.85	0.75	0.29	-3.49

AN	SWAN1	35.451	-76.207	-0.04	0.05	4.42	3.69	4.14	4.03	0.45	-0.95
AN	SYCA1	35.141	-111.969	-0.05	0.00	1.80	0.90	1.43	1.42	0.26	-3.30
AN	TALL1	38.434	-96.56	-0.40	0.00	16.04	8.52	11.74	11.69	2.89	-3.39
AN	THBA1	44.663	-105.287	-0.05	0.05	2.50	1.51	1.95	1.90	0.44	-2.75
AN	THRO1	46.895	-103.378	-0.09	0.12	6.23	4.45	5.14	5.29	1.19	-1.77
AN	THSI1	44.291	-122.043	-0.03	0.01	1.34	0.81	1.15	1.06	0.25	-2.65
AN	TONT1	33.655	-111.107	-0.06	0.00	1.91	0.87	1.46	1.36	0.37	-4.03
AN	TRCR1	62.315	-150.316	-0.01	0.02	0.70	0.45	0.54	0.56	0.09	-2.32
AN	TRIN1	40.786	-122.805	-0.07	0.06	2.02	0.74	1.73	1.45	0.78	-4.67
AN	ULBE1	47.582	-108.72	-0.03	0.31	2.35	1.72	2.22	2.02	0.58	-1.65
AN	UPBU1	35.826	-93.203	-0.35	0.00	12.29	5.60	8.08	8.77	2.13	-4.02
AN	VIIS1	18.336	-64.796	0.01	0.17	2.14	2.36	2.22	2.26	0.18	0.50
AN	VILA1	40.969	-95.045	-0.81	0.00	26.61	11.16	17.85	17.67	4.66	-4.60
AN	VOYA2	48.413	-92.829	-0.13	0.00	5.84	3.45	4.41	4.58	1.05	-2.74
AN	WEMI1	37.659	-107.8	-0.02	0.00	0.82	0.50	0.66	0.65	0.15	-2.58
AN	WHIT1	33.469	-105.535	-0.03	0.00	1.43	0.90	1.12	1.14	0.21	-2.45
AN	WHPA1	46.624	-121.388	-0.03	0.03	1.55	0.92	1.18	1.22	0.28	-2.70
AN	WHPE1	36.585	-105.452	-0.02	0.00	1.14	0.68	0.88	0.88	0.15	-2.74
AN	WHRI1	39.154	-106.821	-0.02	0.00	0.97	0.69	0.83	0.82	0.13	-1.82
AN	WICA1	43.558	-103.484	-0.07	0.00	3.02	1.71	2.46	2.33	0.56	-2.96
AN	WIMO1	34.732	-98.713	-0.15	0.06	9.10	6.20	7.64	7.58	1.79	-2.02
AN	YELL2	44.565	-110.4	-0.04	0.00	1.59	0.86	1.21	1.21	0.32	-3.20
AN	YOSE1	37.713	-119.706	-0.06	0.04	2.78	1.60	2.28	2.16	0.81	-2.86
AN	ZICA1	37.198	-113.151	-0.05	0.00	1.54	0.65	1.07	1.02	0.28	-4.57
POM	ACAD1	44.377	-68.261	-0.08	0.00	6.68	5.17	5.80	5.92	0.77	-1.34
POM	AGTI1	33.464	-116.971	-0.28	0.00	9.84	4.55	7.69	7.20	1.98	-3.87
POM	BADL1	43.743	-101.941	-0.05	0.36	6.09	5.20	6.06	5.64	1.51	-0.84
POM	BALD1	34.058	-109.441	-0.11	0.06	5.40	3.37	5.30	4.33	3.18	-2.47
POM	BAND1	35.78	-106.266	-0.13	0.01	6.04	3.63	5.33	4.84	1.67	-2.63
POM	BIBE1	29.303	-103.178	-0.07	0.03	5.24	3.98	4.79	4.61	0.96	-1.44
POM	BLIS1	38.976	-120.103	0.06	0.65	6.67	7.79	7.79	7.20	2.44	0.81
POM	BOAP1	33.869	-106.852	-0.07	0.08	5.72	4.40	5.35	5.06	1.08	-1.38
POM	BOND1	40.052	-88.373	-0.19	0.00	10.75	7.15	9.13	8.86	1.39	-2.13
POM	BOWA1	47.947	-91.495	-0.12	0.02	7.53	5.29	6.90	6.41	2.58	-1.84
POM	BRCA1	37.618	-112.174	-0.11	0.12	5.44	3.37	5.02	4.41	2.13	-2.47
POM	BRID1	42.975	-109.758	-0.02	0.90	4.84	4.50	5.14	4.67	1.87	-0.39
POM	BRIG1	39.465	-74.449	-0.25	0.00	11.79	7.10	9.88	9.33	2.07	-2.65

POM	BRMA1	44.107	-70.729	-0.17	0.00	9.09	5.91	7.63	7.75	1.12	-2.16
POM	CABA1	43.833	-70.064	-0.16	0.00	10.69	7.56	9.42	9.04	1.81	-1.82
POM	CABI1	47.955	-115.671	0.00	0.97	6.75	6.80	8.38	6.78	3.92	0.04
POM	CACO1	41.976	-70.024	-0.17	0.00	8.32	5.04	6.83	6.60	1.23	-2.62
POM	CACR1	34.454	-94.143	-0.26	0.00	12.62	7.62	10.71	9.99	1.88	-2.64
POM	CANY1	38.459	-109.821	-0.03	0.56	3.72	3.10	3.69	3.41	0.85	-0.95
POM	CAPI1	38.302	-111.293	-0.03	0.36	4.15	3.50	4.01	3.83	0.87	-0.89
POM	CEBL1	38.77	-99.763	-0.07	0.12	7.20	5.89	6.48	6.45	0.82	-1.07
POM	CHAS1	28.748	-82.555	-0.19	0.02	12.63	9.00	11.54	10.81	2.38	-1.76
POM	CHIR1	32.009	-109.389	-0.05	0.05	3.70	2.81	3.62	3.26	1.04	-1.44
POM	COHU1	34.785	-84.627	-0.25	0.01	14.28	9.45	11.47	11.61	2.23	-2.19
POM	CORI1	45.664	-121.001	-0.14	0.14	10.37	7.78	9.23	9.07	2.16	-1.51
POM	CRLA1	42.896	-122.136	0.03	0.70	5.22	5.86	9.67	5.56	8.87	0.61
POM	CRMO1	43.46	-113.555	0.05	0.81	5.60	6.64	6.38	6.15	3.02	0.89
POM	DENA1	63.723	-148.967	-0.05	0.12	3.13	2.10	5.41	2.61	6.45	-2.08
POM	DOME1	35.728	-118.138	-0.07	0.28	8.96	7.66	9.12	8.27	2.13	-0.82
POM	DOSO1	39.105	-79.426	-0.28	0.00	11.00	5.67	8.44	8.34	1.82	-3.37
POM	EGBE1	44.231	-79.783	-0.07	0.30	8.25	6.99	7.48	7.42	0.80	-0.89
POM	EVER1	25.391	-80.681	-0.24	0.01	8.91	4.26	10.21	6.46	13.25	-3.79
POM	FLAT1	47.773	-114.269	-0.02	0.74	7.26	6.85	8.84	7.02	3.78	-0.31
POM	FOPE1	48.308	-105.102	-0.05	0.56	6.42	5.43	6.55	5.85	2.01	-0.89
POM	FRRE1	39.706	-79.012	-0.22	0.00	10.84	6.66	8.31	8.31	1.30	-2.65
POM	GAMO1	46.826	-111.711	0.00	0.92	5.07	5.15	6.56	5.11	3.29	0.07
POM	GICL1	33.22	-108.235	-0.19	0.06	7.82	4.29	7.13	6.06	4.25	-3.07
POM	GLAC1	48.511	-113.997	-0.22	0.17	13.80	9.62	15.13	11.71	14.04	-1.88
POM	GRBA1	39.005	-114.216	-0.06	0.08	4.95	3.78	4.23	4.36	0.87	-1.41
POM	GRCA2	36.066	-112.154	-0.06	0.06	4.56	3.38	5.00	3.97	4.68	-1.57
POM	GRGU1	44.308	-71.218	-0.14	0.00	7.58	4.86	6.19	6.15	1.02	-2.33
POM	GRII1	43.937	-91.405	-0.17	0.00	10.02	6.76	8.10	8.13	1.10	-2.11
POM	GRSA1	37.725	-105.519	-0.04	0.22	5.05	4.34	4.84	4.69	0.72	-0.80
POM	GRSM1	35.633	-83.942	-0.31	0.00	13.58	7.69	10.76	10.63	2.74	-2.92
POM	GUMO1	31.833	-104.809	-0.06	0.05	4.94	3.77	4.54	4.36	0.81	-1.42
POM	HAVO1	19.431	-155.258	-0.02	0.28	1.32	0.88	1.25	1.09	0.77	-2.13
POM	HECA1	44.97	-116.844	-0.09	0.46	9.15	7.37	8.75	8.21	2.71	-1.14
POM	HEGL1	36.614	-92.922	-0.30	0.00	13.53	7.89	10.98	10.56	1.89	-2.81
POM	HOOV1	38.088	-119.177	0.04	0.73	4.86	5.71	5.72	5.33	2.36	0.84
POM	IKBA1	34.34	-111.683	-0.09	0.03	5.48	3.84	4.89	4.66	1.25	-1.86

POM	ISLE1	47.46	-88.149	-0.08	0.01	6.52	5.06	5.78	5.79	0.88	-1.33
POM	JARB1	41.893	-115.426	0.02	0.95	4.76	5.09	5.21	4.92	1.79	0.36
POM	JARI1	37.627	-79.512	-0.28	0.00	15.88	10.51	12.55	13.06	1.85	-2.17
POM	JOSH1	34.07	-116.389	-0.15	0.00	6.88	4.10	5.52	5.49	1.21	-2.66
POM	KAIS1	37.221	-119.155	-0.01	0.97	7.06	6.91	8.23	6.98	3.27	-0.11
POM	KALM1	42.552	-124.059	-0.12	0.36	8.86	6.57	10.50	7.72	8.26	-1.56
POM	LABE1	41.712	-121.507	0.06	0.75	7.15	8.30	9.67	7.72	6.11	0.78
POM	LASU2	40.693	-92.006	-0.13	0.03	9.96	7.45	8.49	8.38	1.02	-1.58
POM	LAVO1	40.54	-121.577	-0.01	0.95	6.90	6.75	11.41	6.83	8.91	-0.12
POM	LIGO1	35.972	-81.933	-0.22	0.00	12.88	8.76	10.65	10.82	1.87	-2.00
POM	LOST1	48.642	-102.402	-0.14	0.07	7.69	5.06	6.72	6.37	1.72	-2.17
POM	MACA1	37.132	-86.148	-0.29	0.00	14.10	8.54	11.67	11.32	2.07	-2.59
POM	MAVI1	41.331	-70.785	-0.16	0.00	7.63	4.63	6.31	5.89	1.29	-2.69
POM	MEAD1	36.019	-114.068	-0.10	0.00	4.53	2.62	3.58	3.42	0.72	-2.92
POM	MELA1	48.487	-104.476	-0.04	0.60	5.98	5.23	6.09	5.61	1.67	-0.70
POM	MEVE1	37.198	-108.491	-0.11	0.01	4.82	2.68	4.10	3.75	1.37	-3.01
POM	MING1	36.972	-90.143	-0.34	0.00	16.02	9.61	12.87	12.14	2.45	-2.78
POM	MOHO1	45.289	-121.784	-0.02	0.75	4.94	4.63	5.26	4.78	1.82	-0.33
POM	MOMO1	41.821	-73.297	-0.25	0.00	10.07	5.29	7.81	7.43	1.75	-3.39
POM	MONT1	47.122	-113.154	-0.11	0.40	9.78	7.75	14.26	8.76	14.14	-1.22
POM	MOOS1	45.126	-67.266	-0.15	0.00	7.31	4.39	6.22	5.85	1.13	-2.63
POM	MORA1	46.758	-122.124	-0.14	0.15	8.23	5.66	7.05	6.95	1.91	-1.94
POM	MOZI1	40.538	-106.677	-0.06	0.30	4.35	3.27	4.22	3.81	1.33	-1.49
POM	NEBR1	41.889	-100.339	-0.03	0.62	6.23	5.65	5.83	5.89	0.87	-0.52
POM	NOAB1	44.745	-109.382	-0.04	0.65	4.80	4.09	5.41	4.45	2.81	-0.85
POM	NOCA1	48.732	-121.065	-0.04	0.33	5.13	4.30	6.62	4.72	4.91	-0.94
POM	NOCH1	45.65	-106.557	-0.03	0.62	7.07	6.58	7.44	6.79	4.70	-0.38
POM	OKEF1	30.74	-82.128	-0.34	0.00	16.13	9.75	14.08	12.94	5.11	-2.59
POM	OLYM1	48.007	-122.973	-0.15	0.12	6.61	3.80	5.39	5.06	1.77	-2.92
POM	ORPI1	31.951	-112.802	-0.08	0.14	4.05	2.62	3.40	3.22	0.93	-2.34
POM	PASA1	48.388	-119.927	-0.01	0.97	6.96	6.84	8.62	6.89	5.49	-0.09
POM	PEFO1	35.078	-109.769	-0.14	0.01	5.73	3.10	5.10	4.41	2.12	-3.14
POM	PENO1	44.948	-68.648	-0.16	0.03	10.79	7.68	8.70	8.75	0.92	-1.87
POM	PINN1	36.483	-121.157	-0.08	0.24	7.56	5.95	7.10	6.76	1.60	-1.25
POM	PITT1	40.465	-79.961	-0.30	0.00	17.24	11.50	13.82	13.76	2.41	-2.19
POM	PMRF1	44.528	-72.869	-0.18	0.00	8.94	5.60	7.14	7.18	1.32	-2.45
POM	PORE1	38.122	-122.909	-0.08	0.07	4.55	2.99	4.32	3.77	1.93	-2.17

POM	PRIS1	46.696	-68.033	-0.23	0.00	9.66	5.38	7.84	7.41	1.49	-3.04
POM	QUCI1	39.943	-81.338	-0.21	0.00	11.65	7.62	9.52	9.53	1.39	-2.23
POM	QURE1	42.299	-72.335	-0.27	0.00	11.06	5.96	8.77	8.91	1.54	-3.01
POM	QUVA1	33.294	-111.286	-0.14	0.00	5.38	2.79	4.64	4.29	0.96	-3.18
POM	RAFA1	34.734	-120.007	-0.14	0.10	8.04	5.33	6.78	6.69	2.27	-2.13
POM	REDW1	41.561	-124.084	-0.08	0.24	5.17	3.57	5.47	4.37	4.02	-1.93
POM	ROMA1	32.941	-79.657	-0.23	0.00	12.96	8.64	10.90	10.80	1.75	-2.11
POM	ROMO1	40.278	-105.546	-0.07	0.14	5.50	4.14	4.91	4.82	1.14	-1.49
POM	SACR1	33.46	-104.404	-0.06	0.06	6.01	4.91	5.56	5.46	0.77	-1.06
POM	SAGA1	34.297	-118.028	-0.15	0.04	7.77	4.94	6.12	6.21	1.84	-2.39
POM	SAGO1	34.194	-116.913	-0.17	0.00	8.74	5.51	6.95	7.12	1.49	-2.39
POM	SAGU1	32.175	-110.737	-0.10	0.01	5.42	3.49	4.61	4.40	1.05	-2.31
POM	SAMA1	30.093	-84.161	-0.21	0.03	13.26	9.34	11.28	11.09	2.37	-1.86
POM	SAPE1	36.014	-106.845	-0.07	0.02	4.22	2.92	3.81	3.54	0.91	-1.94
POM	SAWE1	32.249	-111.218	-0.08	0.04	5.53	4.04	4.87	4.71	0.89	-1.66
POM	SAWT1	44.171	-114.927	-0.01	0.97	10.00	9.77	11.41	9.88	4.49	-0.12
POM	SENE1	46.289	-85.95	-0.13	0.01	7.88	5.35	6.63	6.61	1.48	-2.01
POM	SEQU1	36.489	-118.829	-0.20	0.30	15.96	12.11	14.71	14.03	3.85	-1.44
POM	SHEN1	38.523	-78.435	-0.15	0.00	9.52	6.61	8.12	8.07	1.25	-1.90
POM	SHMI1	37.304	-107.484	-0.03	0.52	4.60	3.97	4.47	4.20	0.83	-0.79
POM	SHRO1	35.394	-82.774	-0.24	0.00	10.44	5.85	8.02	8.14	2.15	-2.97
POM	SIAN1	34.091	-110.942	-0.21	0.04	7.87	3.81	6.88	6.27	2.28	-3.41
POM	SIME1	55.326	-160.506	-0.04	0.08	1.73	1.06	1.63	1.36	0.65	-2.59
POM	SIPS1	34.343	-87.339	-0.36	0.00	16.96	10.12	13.34	13.54	2.56	-2.66
POM	SNPA1	47.422	-121.426	-0.12	0.19	7.16	4.86	6.41	6.01	2.37	-2.01
POM	STAR1	45.225	-118.513	-0.27	0.02	10.38	5.24	8.65	7.81	3.20	-3.47
POM	SULA1	45.86	-114	-0.10	0.38	7.78	5.94	10.38	6.81	8.47	-1.42
POM	SWAN1	35.451	-76.207	-0.10	0.15	9.30	7.44	8.67	8.32	2.56	-1.17
POM	SYCA1	35.141	-111.969	-0.11	0.13	7.53	5.40	7.18	6.69	1.48	-1.67
POM	TALL1	38.434	-96.56	-0.20	0.05	12.10	8.24	10.28	9.86	1.98	-2.06
POM	THBA1	44.663	-105.287	-0.01	0.80	5.78	5.51	6.36	5.61	1.90	-0.25
POM	THRO1	46.895	-103.378	-0.02	0.60	5.68	5.23	5.96	5.46	1.36	-0.43
POM	THSI1	44.291	-122.043	-0.02	0.85	7.12	6.69	8.20	6.91	5.72	-0.33
POM	TONT1	33.655	-111.107	-0.14	0.01	6.35	3.67	5.25	5.01	1.14	-2.81
POM	TRCR1	62.315	-150.316	-0.02	0.73	3.09	2.69	3.56	2.87	1.85	-0.73
POM	TRIN1	40.786	-122.805	-0.19	0.47	10.99	7.33	12.99	9.35	12.44	-2.06
POM	ULBE1	47.582	-108.72	0.00	1.00	5.64	5.57	6.48	5.60	2.22	-0.07

POM	UPBU1	35.826	-93.203	-0.24	0.00	12.52	7.98	10.67	10.25	1.77	-2.33
POM	VIIS1	18.336	-64.796	-0.02	0.38	1.36	1.02	1.42	1.21	0.49	-1.47
POM	VILA1	40.969	-95.045	-0.13	0.01	9.57	7.14	8.13	8.16	1.01	-1.57
POM	VOYA2	48.413	-92.829	-0.09	0.03	7.52	5.88	6.72	6.70	1.15	-1.29
POM	WEMI1	37.659	-107.8	-0.08	0.04	4.66	3.19	4.33	3.93	1.32	-1.97
POM	WHIT1	33.469	-105.535	-0.08	0.04	5.18	3.60	4.42	4.30	0.94	-1.93
POM	WHPA1	46.624	-121.388	0.03	0.70	3.64	4.12	5.24	3.88	3.97	0.65
POM	WHPE1	36.585	-105.452	-0.11	0.01	4.58	2.41	3.28	3.38	0.86	-3.38
POM	WHRI1	39.154	-106.821	-0.06	0.06	3.63	2.41	3.19	3.02	0.87	-2.13
POM	WICA1	43.558	-103.484	-0.03	0.70	6.92	6.41	6.51	6.67	1.45	-0.40
POM	WIMO1	34.732	-98.713	-0.14	0.01	9.74	6.98	8.41	8.29	1.33	-1.75
POM	YELL2	44.565	-110.4	-0.10	0.27	7.45	5.58	6.35	6.52	1.85	-1.51
POM	YOSE1	37.713	-119.706	-0.13	0.60	11.13	8.58	14.18	9.86	11.50	-1.36
POM	ZICA1	37.198	-113.151	-0.12	0.01	5.17	2.81	4.23	3.80	1.08	-3.26
EC	ACAD1	44.377	-68.261	-0.08	0.00	2.04	0.56	1.53	1.30	0.50	-6.01
EC	AGTI1	33.464	-116.971	-0.17	0.00	3.90	0.58	2.79	2.24	1.10	-7.79
EC	BADL1	43.743	-101.941	-0.03	0.01	1.38	0.76	1.14	1.07	0.34	-3.04
EC	BALD1	34.058	-109.441	-0.04	0.01	1.50	0.71	1.09	1.09	0.37	-3.81
EC	BAND1	35.78	-106.266	-0.05	0.00	1.61	0.69	1.29	1.15	0.45	-4.19
EC	BIBE1	29.303	-103.178	-0.03	0.02	1.44	0.96	1.24	1.20	0.28	-2.10
EC	BLIS1	38.976	-120.103	-0.04	0.13	1.80	1.10	1.43	1.47	0.38	-2.50
EC	BOAP1	33.869	-106.852	-0.05	0.00	2.00	0.95	1.64	1.47	0.47	-3.73
EC	BOND1	40.052	-88.373	-0.13	0.00	4.82	2.40	3.55	3.55	0.84	-3.59
EC	BOWA1	47.947	-91.495	-0.05	0.00	1.66	0.77	1.32	1.21	0.36	-3.87
EC	BRCA1	37.618	-112.174	-0.05	0.01	1.42	0.52	1.06	0.97	0.48	-4.86
EC	BRID1	42.975	-109.758	-0.02	0.08	1.01	0.65	0.84	0.83	0.29	-2.33
EC	BRIG1	39.465	-74.449	-0.15	0.00	4.53	1.59	3.37	2.98	1.00	-5.18
EC	BRMA1	44.107	-70.729	-0.11	0.00	3.07	0.98	2.27	2.19	0.54	-5.04
EC	CABA1	43.833	-70.064	-0.12	0.00	4.14	1.80	3.09	2.90	0.74	-4.24
EC	CABI1	47.955	-115.671	-0.01	0.81	1.30	1.13	1.43	1.21	0.97	-0.71
EC	CACO1	41.976	-70.024	-0.09	0.00	2.41	0.70	1.81	1.51	0.57	-5.94
EC	CACR1	34.454	-94.143	-0.09	0.00	3.24	1.56	2.48	2.35	0.62	-3.77
EC	CANY1	38.459	-109.821	-0.03	0.00	1.04	0.55	0.80	0.80	0.21	-3.23
EC	CAPI1	38.302	-111.293	-0.03	0.00	1.14	0.61	0.88	0.87	0.26	-3.20
EC	CEBL1	38.77	-99.763	-0.05	0.01	1.99	0.96	1.49	1.39	0.37	-3.89
EC	CHAS1	28.748	-82.555	-0.12	0.00	4.70	2.37	3.97	3.53	1.12	-3.47
EC	CHIR1	32.009	-109.389	-0.03	0.01	1.07	0.59	0.89	0.83	0.24	-3.02

EC	COHU1	34.785	-84.627	-0.11	0.00	3.61	1.52	2.76	2.45	0.82	-4.50
EC	COR11	45.664	-121.001	-0.09	0.00	3.54	1.90	2.75	2.72	0.63	-3.16
EC	CRLA1	42.896	-122.136	-0.03	0.25	1.50	1.01	1.78	1.24	1.37	-2.05
EC	CRMO1	43.46	-113.555	-0.01	0.65	1.09	0.89	1.04	0.99	0.41	-1.07
EC	DENA1	63.723	-148.967	-0.02	0.01	0.75	0.32	0.70	0.54	0.47	-4.20
EC	DOME1	35.728	-118.138	-0.07	0.00	2.48	1.14	1.83	1.77	0.50	-3.98
EC	DOSO1	39.105	-79.426	-0.11	0.00	3.28	1.12	2.47	2.20	0.83	-5.15
EC	EGBE1	44.231	-79.783	-0.10	0.00	3.90	2.06	2.78	2.69	0.48	-3.60
EC	EVER1	25.391	-80.681	-0.09	0.01	2.55	0.90	1.98	1.68	0.79	-5.16
EC	FLAT1	47.773	-114.269	-0.01	0.74	1.21	1.04	1.39	1.11	0.69	-0.83
EC	FOPE1	48.308	-105.102	0.00	0.80	1.23	1.15	1.24	1.19	0.27	-0.33
EC	FRRE1	39.706	-79.012	-0.12	0.00	4.22	1.89	3.02	2.81	0.73	-4.37
EC	GAMO1	46.826	-111.711	0.00	0.81	0.87	0.78	0.96	0.82	0.57	-0.53
EC	GICL1	33.22	-108.235	-0.05	0.03	1.72	0.86	1.51	1.29	1.00	-3.55
EC	GLAC1	48.511	-113.997	-0.09	0.01	3.53	1.85	3.23	2.69	1.77	-3.29
EC	GRBA1	39.005	-114.216	-0.04	0.00	1.06	0.37	0.86	0.72	0.31	-5.05
EC	GRCA2	36.066	-112.154	-0.03	0.01	1.24	0.69	1.10	0.96	0.77	-3.00
EC	GRGU1	44.308	-71.218	-0.07	0.00	1.91	0.66	1.45	1.26	0.42	-5.25
EC	GRR11	43.937	-91.405	-0.09	0.00	3.35	1.62	2.46	2.35	0.56	-3.86
EC	GRSA1	37.725	-105.519	-0.03	0.00	1.19	0.69	0.96	0.94	0.19	-2.78
EC	GRSM1	35.633	-83.942	-0.14	0.00	4.04	1.37	2.96	2.70	0.98	-5.20
EC	GUMO1	31.833	-104.809	-0.01	0.40	1.07	0.93	1.04	1.00	0.22	-0.77
EC	HAVO1	19.431	-155.258	-0.01	0.01	0.43	0.19	0.34	0.30	0.11	-4.22
EC	HECA1	44.97	-116.844	-0.03	0.15	1.76	1.16	1.48	1.44	0.44	-2.19
EC	HEGL1	36.614	-92.922	-0.09	0.00	3.52	1.90	2.86	2.66	0.65	-3.20
EC	HOOV1	38.088	-119.177	-0.01	0.47	1.07	0.84	0.95	0.94	0.33	-1.25
EC	IKBA1	34.34	-111.683	-0.04	0.00	1.54	0.77	1.23	1.16	0.33	-3.51
EC	ISLE1	47.46	-88.149	-0.05	0.00	1.65	0.76	1.34	1.21	0.35	-3.87
EC	JARB1	41.893	-115.426	-0.01	0.22	0.88	0.62	0.80	0.75	0.30	-1.81
EC	JARI1	37.627	-79.512	-0.14	0.00	6.00	3.26	4.53	4.56	1.13	-3.17
EC	JOSH1	34.07	-116.389	-0.09	0.00	2.39	0.64	1.69	1.51	0.62	-6.06
EC	KAIS1	37.221	-119.155	-0.01	0.52	1.67	1.45	1.44	1.55	0.39	-0.75
EC	KALM1	42.552	-124.059	-0.04	0.06	1.77	1.00	1.84	1.38	1.36	-2.94
EC	LABE1	41.712	-121.507	-0.02	0.17	1.45	1.03	1.65	1.24	1.40	-1.78
EC	LASU2	40.693	-92.006	-0.10	0.00	3.71	1.85	2.71	2.54	0.63	-3.86
EC	LAVO1	40.54	-121.577	-0.02	0.52	1.81	1.34	1.87	1.58	1.05	-1.57
EC	LIGO1	35.972	-81.933	-0.13	0.00	4.08	1.60	3.04	2.84	0.98	-4.59

EC	LOST1	48.642	-102.402	0.01	0.70	1.72	1.87	1.78	1.79	0.32	0.43
EC	MACA1	37.132	-86.148	-0.14	0.00	4.65	2.06	3.59	3.36	0.99	-4.07
EC	MAVI1	41.331	-70.785	-0.09	0.00	2.45	0.76	1.72	1.47	0.54	-6.06
EC	MEAD1	36.019	-114.068	-0.04	0.00	1.24	0.39	0.86	0.75	0.31	-5.99
EC	MELA1	48.487	-104.476	0.00	0.85	1.32	1.29	1.33	1.30	0.24	-0.12
EC	MEVE1	37.198	-108.491	-0.04	0.00	1.11	0.37	0.86	0.74	0.33	-5.32
EC	MING1	36.972	-90.143	-0.14	0.00	5.22	2.48	3.85	3.56	0.96	-4.05
EC	MOHO1	45.289	-121.784	-0.03	0.03	1.24	0.64	0.94	0.94	0.30	-3.35
EC	MOMO1	41.821	-73.297	-0.10	0.00	3.21	1.30	2.39	2.15	0.70	-4.67
EC	MONT1	47.122	-113.154	-0.02	0.33	1.67	1.21	1.93	1.44	1.56	-1.67
EC	MOOS1	45.126	-67.266	-0.10	0.00	2.35	0.39	1.58	1.37	0.67	-7.52
EC	MORA1	46.758	-122.124	-0.08	0.00	2.59	1.00	1.95	1.80	0.62	-4.65
EC	MOZI1	40.538	-106.677	-0.02	0.12	0.86	0.54	0.72	0.69	0.21	-2.41
EC	NEBR1	41.889	-100.339	-0.04	0.00	1.62	0.86	1.28	1.18	0.31	-3.40
EC	NOAB1	44.745	-109.382	-0.02	0.06	0.83	0.52	0.82	0.67	0.44	-2.41
EC	NOCA1	48.732	-121.065	-0.03	0.03	1.14	0.55	1.07	0.85	0.62	-3.70
EC	NOCH1	45.65	-106.557	-0.03	0.16	1.37	0.87	1.22	1.08	0.60	-2.46
EC	OKEF1	30.74	-82.128	-0.13	0.00	4.34	1.91	3.34	3.12	1.02	-4.10
EC	OLYM1	48.007	-122.973	-0.06	0.00	1.69	0.55	1.15	1.06	0.40	-5.63
EC	ORPI1	31.951	-112.802	-0.03	0.00	1.29	0.66	0.96	0.92	0.25	-3.62
EC	PASA1	48.388	-119.927	-0.02	0.46	1.28	0.88	1.42	1.07	1.05	-1.94
EC	PEFO1	35.078	-109.769	-0.08	0.00	2.54	0.93	1.85	1.73	0.62	-4.89
EC	PENO1	44.948	-68.648	-0.11	0.00	4.17	2.01	2.83	2.75	0.49	-4.13
EC	PINN1	36.483	-121.157	-0.08	0.00	2.72	1.25	2.00	1.99	0.59	-3.91
EC	PITT1	40.465	-79.961	-0.28	0.00	10.45	5.07	7.54	7.19	1.88	-3.94
EC	PMRF1	44.528	-72.869	-0.08	0.00	2.47	1.03	1.93	1.71	0.53	-4.44
EC	PORE1	38.122	-122.909	-0.05	0.00	1.30	0.40	1.08	0.85	0.76	-5.61
EC	PRIS1	46.696	-68.033	-0.11	0.00	3.33	1.24	2.48	2.23	0.68	-4.92
EC	QUCI1	39.943	-81.338	-0.11	0.00	4.81	2.73	3.83	3.72	0.74	-2.95
EC	QURE1	42.299	-72.335	-0.14	0.00	3.75	1.13	2.88	2.65	0.71	-5.20
EC	QUVA1	33.294	-111.286	-0.07	0.00	2.08	0.73	1.57	1.52	0.44	-4.68
EC	RAFA1	34.734	-120.007	-0.08	0.00	2.00	0.57	1.49	1.29	0.73	-5.86
EC	REDW1	41.561	-124.084	-0.03	0.01	1.03	0.37	0.81	0.70	0.49	-4.98
EC	ROMA1	32.941	-79.657	-0.11	0.00	3.71	1.66	2.97	2.68	0.90	-4.02
EC	ROMO1	40.278	-105.546	-0.03	0.01	1.35	0.78	1.03	1.07	0.25	-2.78
EC	SACR1	33.46	-104.404	-0.02	0.02	1.72	1.26	1.51	1.49	0.28	-1.61
EC	SAGA1	34.297	-118.028	-0.10	0.00	2.66	0.81	1.70	1.64	0.62	-5.95

EC	SAGO1	34.194	-116.913	-0.12	0.00	2.98	0.62	2.18	1.80	0.85	-6.88
EC	SAGU1	32.175	-110.737	-0.07	0.00	2.01	0.76	1.59	1.36	0.47	-4.84
EC	SAMA1	30.093	-84.161	-0.12	0.00	3.97	1.65	2.90	2.69	0.85	-4.55
EC	SAPE1	36.014	-106.845	-0.02	0.01	0.95	0.53	0.75	0.73	0.23	-3.04
EC	SAWE1	32.249	-111.218	-0.07	0.00	2.41	1.06	1.83	1.67	0.45	-4.25
EC	SAWT1	44.171	-114.927	-0.03	0.51	2.09	1.53	1.76	1.79	0.62	-1.64
EC	SENE1	46.289	-85.95	-0.05	0.00	1.95	0.99	1.66	1.47	0.57	-3.46
EC	SEQU1	36.489	-118.829	-0.12	0.00	3.91	1.72	3.04	2.81	0.98	-4.10
EC	SHEN1	38.523	-78.435	-0.11	0.00	3.26	1.13	2.53	2.19	0.73	-5.12
EC	SHMI1	37.304	-107.484	-0.03	0.03	1.16	0.59	0.88	0.80	0.24	-3.73
EC	SHRO1	35.394	-82.774	-0.07	0.00	2.17	0.91	1.81	1.54	0.66	-4.31
EC	SIAN1	34.091	-110.942	-0.05	0.03	2.08	1.18	1.70	1.72	0.47	-2.77
EC	SIME1	55.326	-160.506	-0.02	0.03	0.97	0.51	0.79	0.72	0.28	-3.37
EC	SIPS1	34.343	-87.339	-0.15	0.00	5.03	2.11	3.79	3.57	1.12	-4.31
EC	SNPA1	47.422	-121.426	-0.08	0.00	2.53	1.03	1.75	1.78	0.52	-4.43
EC	STAR1	45.225	-118.513	-0.07	0.02	2.05	0.65	1.69	1.35	0.90	-5.45
EC	SULA1	45.86	-114	-0.02	0.22	1.17	0.74	1.50	0.94	1.24	-2.40
EC	SWAN1	35.451	-76.207	-0.07	0.00	2.50	1.15	1.98	1.79	0.52	-4.00
EC	SYCA1	35.141	-111.969	-0.07	0.01	2.78	1.48	2.32	2.27	0.45	-3.02
EC	TALL1	38.434	-96.56	-0.08	0.03	3.49	1.90	2.85	2.57	0.74	-3.27
EC	THBA1	44.663	-105.287	-0.04	0.02	1.88	1.17	1.41	1.43	0.35	-2.60
EC	THRO1	46.895	-103.378	-0.03	0.01	1.76	1.21	1.53	1.48	0.31	-1.92
EC	THSI1	44.291	-122.043	-0.03	0.04	1.53	0.98	1.33	1.25	0.45	-2.32
EC	TONT1	33.655	-111.107	-0.06	0.00	1.90	0.79	1.44	1.35	0.41	-4.34
EC	TRCR1	62.315	-150.316	-0.02	0.01	0.78	0.32	0.56	0.52	0.21	-4.55
EC	TRIN1	40.786	-122.805	-0.06	0.18	1.89	0.76	1.89	1.38	1.26	-4.28
EC	ULBE1	47.582	-108.72	-0.01	0.27	1.11	0.84	1.08	0.98	0.36	-1.42
EC	UPBU1	35.826	-93.203	-0.08	0.00	3.12	1.60	2.55	2.36	0.64	-3.40
EC	VIIS1	18.336	-64.796	-0.04	0.00	0.96	0.18	0.69	0.59	0.34	-7.00
EC	VILA1	40.969	-95.045	-0.09	0.00	3.63	1.91	2.77	2.64	0.60	-3.43
EC	VOYA2	48.413	-92.829	-0.04	0.00	1.60	0.92	1.37	1.26	0.29	-2.83
EC	WEMI1	37.659	-107.8	-0.06	0.00	1.58	0.44	1.08	1.01	0.38	-5.93
EC	WHIT1	33.469	-105.535	-0.02	0.01	1.13	0.75	0.91	0.92	0.23	-2.19
EC	WHPA1	46.624	-121.388	-0.01	0.65	0.81	0.69	0.83	0.75	0.39	-0.83
EC	WHPE1	36.585	-105.452	-0.03	0.01	1.10	0.58	0.87	0.81	0.30	-3.39
EC	WHRI1	39.154	-106.821	-0.03	0.00	1.03	0.45	0.74	0.74	0.22	-4.12
EC	WICA1	43.558	-103.484	-0.03	0.03	1.59	1.03	1.37	1.31	0.52	-2.23

EC	WIMO1	34.732	-98.713	-0.07	0.00	2.85	1.54	2.21	2.16	0.49	-3.20
EC	YELL2	44.565	-110.4	-0.02	0.03	1.33	0.91	1.04	1.12	0.28	-1.96
EC	YOSE1	37.713	-119.706	-0.06	0.06	2.53	1.33	2.23	1.93	1.19	-3.27
EC	ZICA1	37.198	-113.151	-0.05	0.01	1.42	0.49	1.02	0.88	0.36	-5.57
FD	ACAD1	44.377	-68.261	-0.01	0.00	0.28	0.11	0.20	0.19	0.07	-4.81
FD	AGTI1	33.464	-116.971	-0.02	0.00	0.93	0.50	0.76	0.71	0.18	-3.21
FD	BADL1	43.743	-101.941	-0.01	0.01	0.76	0.54	0.65	0.65	0.13	-1.82
FD	BALD1	34.058	-109.441	-0.02	0.04	0.89	0.59	0.76	0.73	0.20	-2.13
FD	BAND1	35.78	-106.266	-0.01	0.40	0.85	0.67	0.74	0.76	0.18	-1.29
FD	BIBE1	29.303	-103.178	-0.02	0.08	1.54	1.14	1.37	1.34	0.34	-1.56
FD	BLIS1	38.976	-120.103	-0.01	0.02	0.60	0.37	0.49	0.49	0.12	-2.49
FD	BOAP1	33.869	-106.852	0.00	0.65	1.12	1.04	1.11	1.08	0.29	-0.39
FD	BOND1	40.052	-88.373	-0.02	0.00	0.79	0.42	0.57	0.60	0.15	-3.32
FD	BOWA1	47.947	-91.495	-0.01	0.00	0.40	0.16	0.27	0.28	0.08	-4.39
FD	BRCA1	37.618	-112.174	-0.01	0.07	0.72	0.52	0.65	0.62	0.15	-1.72
FD	BRID1	42.975	-109.758	-0.01	0.02	0.59	0.36	0.49	0.48	0.12	-2.49
FD	BRIG1	39.465	-74.449	-0.02	0.00	0.63	0.27	0.43	0.45	0.14	-4.24
FD	BRMA1	44.107	-70.729	-0.01	0.01	0.36	0.10	0.25	0.25	0.08	-5.42
FD	CABA1	43.833	-70.064	-0.01	0.00	0.34	0.10	0.24	0.21	0.10	-5.92
FD	CABI1	47.955	-115.671	-0.01	0.06	0.59	0.39	0.50	0.49	0.15	-2.12
FD	CACO1	41.976	-70.024	-0.01	0.00	0.39	0.14	0.28	0.26	0.09	-5.02
FD	CACR1	34.454	-94.143	0.00	0.65	0.98	0.92	0.94	0.95	0.21	-0.36
FD	CANY1	38.459	-109.821	-0.01	0.22	0.82	0.64	0.78	0.73	0.23	-1.28
FD	CAPI1	38.302	-111.293	-0.01	0.44	0.81	0.63	0.78	0.72	0.19	-1.28
FD	CEBL1	38.77	-99.763	0.00	0.93	0.91	0.95	1.01	0.94	0.28	0.22
FD	CHAS1	28.748	-82.555	-0.01	0.21	0.94	0.77	0.86	0.84	0.19	-1.07
FD	CHIR1	32.009	-109.389	-0.02	0.08	1.41	0.98	1.18	1.19	0.25	-1.91
FD	COHU1	34.785	-84.627	-0.02	0.01	0.84	0.41	0.58	0.60	0.19	-3.82
FD	CORI1	45.664	-121.001	-0.01	0.75	1.13	0.96	1.17	1.04	0.40	-0.82
FD	CRLA1	42.896	-122.136	-0.01	0.01	0.54	0.29	0.40	0.40	0.10	-3.34
FD	CRMO1	43.46	-113.555	-0.01	0.02	0.70	0.49	0.63	0.59	0.19	-1.89
FD	DENA1	63.723	-148.967	0.00	0.10	0.16	0.11	0.15	0.13	0.05	-2.09
FD	DOME1	35.728	-118.138	0.01	0.25	1.05	1.17	1.05	1.11	0.19	0.56
FD	DOSO1	39.105	-79.426	-0.02	0.00	0.60	0.29	0.43	0.44	0.14	-3.68
FD	EGBE1	44.231	-79.783	-0.02	0.00	0.48	0.15	0.29	0.26	0.09	-6.71
FD	EVER1	25.391	-80.681	-0.01	0.75	1.21	1.10	1.17	1.15	0.33	-0.49
FD	FLAT1	47.773	-114.269	-0.01	0.12	0.46	0.31	0.39	0.37	0.08	-2.21

FD	FOPE1	48.308	-105.102	-0.01	0.19	0.75	0.53	0.62	0.62	0.13	-1.87
FD	FRRE1	39.706	-79.012	-0.03	0.00	0.74	0.24	0.44	0.44	0.17	-6.00
FD	GAMO1	46.826	-111.711	-0.01	0.01	0.44	0.27	0.36	0.35	0.07	-2.55
FD	GICL1	33.22	-108.235	-0.01	0.14	0.94	0.72	0.82	0.83	0.18	-1.38
FD	GLAC1	48.511	-113.997	-0.02	0.00	0.83	0.50	0.68	0.66	0.16	-2.61
FD	GRBA1	39.005	-114.216	0.00	0.95	0.73	0.72	0.73	0.73	0.24	-0.04
FD	GRCA2	36.066	-112.154	0.00	0.80	0.57	0.64	0.66	0.61	0.15	0.60
FD	GRGU1	44.308	-71.218	-0.01	0.00	0.28	0.08	0.20	0.17	0.07	-6.13
FD	GRR11	43.937	-91.405	-0.02	0.00	0.62	0.31	0.44	0.44	0.11	-3.64
FD	GRSA1	37.725	-105.519	-0.02	0.05	1.46	0.99	1.16	1.22	0.30	-2.04
FD	GRSM1	35.633	-83.942	-0.02	0.04	0.69	0.37	0.52	0.53	0.16	-3.11
FD	GUMO1	31.833	-104.809	0.01	0.40	1.73	2.00	2.02	1.86	0.64	0.77
FD	HAVO1	19.431	-155.258	0.00	0.05	0.20	0.13	0.18	0.16	0.08	-2.31
FD	HECA1	44.97	-116.844	-0.02	0.00	0.63	0.34	0.54	0.48	0.17	-3.18
FD	HEGL1	36.614	-92.922	-0.02	0.05	0.99	0.69	0.79	0.83	0.18	-1.92
FD	HOOV1	38.088	-119.177	-0.01	0.27	0.72	0.58	0.66	0.64	0.15	-1.14
FD	IKBA1	34.34	-111.683	-0.02	0.17	1.41	1.01	1.23	1.21	0.36	-1.75
FD	ISLE1	47.46	-88.149	-0.01	0.00	0.32	0.17	0.23	0.25	0.07	-3.22
FD	JARB1	41.893	-115.426	0.00	0.90	1.11	1.07	1.06	1.09	0.21	-0.16
FD	JARI1	37.627	-79.512	-0.02	0.00	0.69	0.31	0.47	0.49	0.15	-3.99
FD	JOSH1	34.07	-116.389	-0.01	0.24	1.18	1.03	1.06	1.11	0.18	-0.70
FD	KAIS1	37.221	-119.155	-0.01	0.43	0.74	0.64	0.65	0.68	0.13	-0.79
FD	KALM1	42.552	-124.059	0.00	0.03	0.22	0.16	0.20	0.19	0.05	-1.65
FD	LABE1	41.712	-121.507	-0.01	0.01	0.52	0.36	0.44	0.44	0.10	-1.91
FD	LASU2	40.693	-92.006	-0.01	0.15	0.66	0.55	0.61	0.59	0.11	-0.96
FD	LAVO1	40.54	-121.577	-0.01	0.02	0.60	0.36	0.50	0.48	0.14	-2.54
FD	LIGO1	35.972	-81.933	-0.02	0.01	0.63	0.29	0.45	0.46	0.15	-3.92
FD	LOST1	48.642	-102.402	0.00	0.44	0.68	0.59	0.67	0.63	0.19	-0.76
FD	MACA1	37.132	-86.148	-0.02	0.03	0.83	0.49	0.59	0.66	0.18	-2.73
FD	MAVI1	41.331	-70.785	-0.01	0.00	0.40	0.21	0.28	0.29	0.07	-3.45
FD	MEAD1	36.019	-114.068	-0.01	0.32	1.36	1.12	1.24	1.22	0.29	-1.04
FD	MELA1	48.487	-104.476	0.01	0.12	0.60	0.78	0.72	0.69	0.13	1.35
FD	MEVE1	37.198	-108.491	-0.03	0.02	1.22	0.68	1.01	0.95	0.41	-2.96
FD	MING1	36.972	-90.143	-0.02	0.06	1.22	0.83	1.10	1.01	0.32	-2.01
FD	MOHO1	45.289	-121.784	0.00	0.95	0.27	0.28	0.32	0.28	0.13	0.03
FD	MOMO1	41.821	-73.297	-0.02	0.00	0.47	0.15	0.30	0.30	0.10	-5.63
FD	MONT1	47.122	-113.154	-0.01	0.33	0.67	0.53	0.63	0.60	0.24	-1.18

FD	MOOS1	45.126	-67.266	-0.01	0.00	0.29	0.12	0.20	0.20	0.06	-4.37
FD	MORA1	46.758	-122.124	-0.01	0.00	0.27	0.11	0.21	0.19	0.06	-4.66
FD	MOZI1	40.538	-106.677	-0.01	0.01	0.60	0.38	0.49	0.49	0.11	-2.30
FD	NEBR1	41.889	-100.339	0.00	0.47	0.68	0.59	0.68	0.62	0.23	-0.77
FD	NOAB1	44.745	-109.382	-0.01	0.02	0.53	0.36	0.45	0.44	0.11	-2.07
FD	NOCA1	48.732	-121.065	0.00	0.01	0.20	0.11	0.18	0.16	0.06	-3.13
FD	NOCH1	45.65	-106.557	-0.01	0.06	0.55	0.44	0.53	0.49	0.10	-1.11
FD	OKEF1	30.74	-82.128	-0.01	0.30	0.83	0.69	0.76	0.76	0.15	-0.97
FD	OLYM1	48.007	-122.973	0.00	0.02	0.17	0.10	0.14	0.13	0.04	-3.16
FD	ORPI1	31.951	-112.802	-0.02	0.22	1.89	1.47	1.61	1.64	0.32	-1.35
FD	PASA1	48.388	-119.927	-0.01	0.04	0.34	0.23	0.31	0.28	0.09	-1.96
FD	PEFO1	35.078	-109.769	-0.02	0.05	1.25	0.85	1.10	1.05	0.22	-1.99
FD	PENO1	44.948	-68.648	-0.01	0.01	0.45	0.21	0.31	0.29	0.08	-4.33
FD	PINN1	36.483	-121.157	0.00	0.17	0.46	0.41	0.44	0.44	0.05	-0.60
FD	PMRF1	44.528	-72.869	-0.01	0.00	0.33	0.12	0.23	0.22	0.08	-4.98
FD	PORE1	38.122	-122.909	0.00	0.52	0.23	0.21	0.23	0.22	0.05	-0.38
FD	PRIS1	46.696	-68.033	-0.02	0.00	0.65	0.27	0.48	0.45	0.16	-4.39
FD	QUCI1	39.943	-81.338	-0.02	0.00	0.73	0.33	0.52	0.52	0.15	-4.05
FD	QURE1	42.299	-72.335	-0.01	0.02	0.47	0.19	0.33	0.35	0.09	-4.19
FD	QUVA1	33.294	-111.286	-0.02	0.30	2.03	1.64	1.77	1.87	0.34	-1.10
FD	RAFA1	34.734	-120.007	-0.01	0.14	0.79	0.70	0.74	0.74	0.11	-0.70
FD	REDW1	41.561	-124.084	0.00	0.14	0.17	0.13	0.15	0.15	0.04	-1.29
FD	ROMA1	32.941	-79.657	-0.01	0.36	0.68	0.57	0.61	0.63	0.13	-0.97
FD	ROMO1	40.278	-105.546	-0.02	0.00	0.84	0.49	0.69	0.66	0.16	-2.82
FD	SACR1	33.46	-104.404	-0.02	0.30	1.62	1.34	1.71	1.48	0.63	-1.02
FD	SAGA1	34.297	-118.028	-0.01	0.32	0.77	0.65	0.71	0.70	0.12	-0.90
FD	SAGO1	34.194	-116.913	-0.01	0.03	0.85	0.60	0.75	0.72	0.14	-1.82
FD	SAGU1	32.175	-110.737	-0.06	0.01	2.42	1.25	1.94	1.80	0.61	-3.43
FD	SAMA1	30.093	-84.161	0.00	0.81	0.83	0.76	0.78	0.80	0.16	-0.47
FD	SAPE1	36.014	-106.845	-0.01	0.28	0.92	0.65	0.76	0.78	0.20	-1.88
FD	SAWE1	32.249	-111.218	-0.10	0.01	3.50	1.63	2.72	2.47	0.75	-3.99
FD	SAWT1	44.171	-114.927	-0.01	0.02	0.54	0.31	0.46	0.43	0.12	-2.92
FD	SENE1	46.289	-85.95	-0.01	0.00	0.35	0.15	0.24	0.25	0.07	-4.16
FD	SEQU1	36.489	-118.829	0.00	0.52	0.97	1.04	0.97	1.01	0.16	0.38
FD	SHEN1	38.523	-78.435	-0.01	0.01	0.54	0.26	0.40	0.40	0.12	-3.58
FD	SHMI1	37.304	-107.484	-0.01	0.52	1.38	1.12	1.32	1.22	0.37	-1.12
FD	SHRO1	35.394	-82.774	-0.02	0.01	0.67	0.32	0.50	0.49	0.18	-3.76

FD	SIAN1	34.091	-110.942	-0.03	0.06	1.47	0.95	1.15	1.27	0.27	-2.16
FD	SIME1	55.326	-160.506	0.00	0.00	0.13	0.08	0.12	0.10	0.03	-2.98
FD	SIPS1	34.343	-87.339	-0.01	0.30	0.76	0.60	0.70	0.68	0.18	-1.23
FD	SNPA1	47.422	-121.426	0.00	0.06	0.25	0.16	0.21	0.20	0.06	-2.30
FD	STAR1	45.225	-118.513	-0.02	0.00	0.68	0.32	0.53	0.50	0.14	-3.73
FD	SULA1	45.86	-114	-0.01	0.01	0.45	0.22	0.37	0.34	0.13	-3.52
FD	SWAN1	35.451	-76.207	-0.01	0.04	0.54	0.35	0.45	0.43	0.12	-2.37
FD	SYCA1	35.141	-111.969	-0.05	0.13	3.08	2.22	3.02	2.74	0.71	-1.66
FD	TALL1	38.434	-96.56	-0.01	0.41	0.87	0.72	0.85	0.79	0.19	-0.99
FD	THBA1	44.663	-105.287	-0.02	0.01	1.15	0.68	0.91	0.86	0.27	-2.87
FD	THRO1	46.895	-103.378	-0.02	0.00	0.81	0.51	0.69	0.66	0.14	-2.38
FD	THSI1	44.291	-122.043	0.01	0.10	0.30	0.45	0.43	0.37	0.24	2.16
FD	TONT1	33.655	-111.107	-0.02	0.17	1.66	1.24	1.42	1.45	0.33	-1.52
FD	TRCR1	62.315	-150.316	0.00	0.03	0.19	0.09	0.16	0.14	0.06	-3.52
FD	TRIN1	40.786	-122.805	-0.01	0.02	0.53	0.26	0.42	0.41	0.11	-3.39
FD	ULBE1	47.582	-108.72	-0.01	0.01	0.60	0.37	0.50	0.49	0.14	-2.51
FD	UPBU1	35.826	-93.203	-0.01	0.12	0.99	0.72	0.86	0.85	0.20	-1.66
FD	VIIS1	18.336	-64.796	-0.02	0.68	2.78	2.48	2.59	2.65	0.61	-0.61
FD	VILA1	40.969	-95.045	-0.01	0.03	0.87	0.64	0.74	0.74	0.13	-1.70
FD	VOYA2	48.413	-92.829	-0.01	0.01	0.34	0.22	0.27	0.28	0.06	-2.34
FD	WEMI1	37.659	-107.8	0.00	0.36	0.68	0.60	0.67	0.64	0.23	-0.63
FD	WHIT1	33.469	-105.535	-0.01	0.43	1.16	0.97	1.07	1.05	0.30	-0.94
FD	WHPA1	46.624	-121.388	-0.01	0.02	0.25	0.15	0.21	0.20	0.07	-2.52
FD	WHPE1	36.585	-105.452	-0.02	0.03	0.88	0.53	0.69	0.69	0.15	-2.67
FD	WHRI1	39.154	-106.821	0.00	0.70	0.64	0.61	0.61	0.62	0.14	-0.27
FD	WICA1	43.558	-103.484	-0.01	0.06	0.68	0.52	0.60	0.60	0.11	-1.35
FD	WIMO1	34.732	-98.713	0.00	0.55	0.99	1.08	1.07	1.04	0.22	0.45
FD	YELL2	44.565	-110.4	-0.01	0.01	0.44	0.25	0.37	0.35	0.09	-2.87
FD	YOSE1	37.713	-119.706	0.00	0.95	0.62	0.62	0.59	0.62	0.11	0.04
FD	ZICA1	37.198	-113.151	0.00	0.80	0.89	0.93	0.98	0.91	0.21	0.22
CM	ACAD1	44.377	-68.261	0.02	0.03	1.33	1.77	1.54	1.55	0.24	1.51
CM	AGTI1	33.464	-116.971	-0.08	0.06	5.74	4.24	5.02	4.95	0.82	-1.59
CM	BADL1	43.743	-101.941	-0.05	0.01	3.28	2.24	2.89	2.76	0.48	-1.98
CM	BALD1	34.058	-109.441	-0.03	0.05	2.01	1.51	1.74	1.75	0.32	-1.51
CM	BAND1	35.78	-106.266	0.00	0.95	1.87	1.87	1.99	1.87	0.42	0.01
CM	BIBE1	29.303	-103.178	-0.02	0.70	3.99	3.53	4.03	3.76	1.15	-0.64
CM	BLIS1	38.976	-120.103	0.02	0.01	1.13	1.49	1.32	1.30	0.16	1.45

CM	BOAP1	33.869	-106.852	-0.02	0.27	3.39	2.97	3.59	3.18	1.19	-0.69
CM	BOND1	40.052	-88.373	0.03	0.10	3.64	4.27	3.93	3.97	0.48	0.83
CM	BOWA1	47.947	-91.495	0.00	0.60	1.50	1.43	1.48	1.47	0.23	-0.26
CM	BRCA1	37.618	-112.174	-0.01	0.52	1.72	1.58	1.63	1.65	0.28	-0.46
CM	BRID1	42.975	-109.758	-0.01	0.36	1.18	1.06	1.07	1.12	0.15	-0.56
CM	BRIG1	39.465	-74.449	0.03	0.70	4.43	4.93	5.29	4.68	1.98	0.56
CM	BRMA1	44.107	-70.729	-0.01	0.80	1.33	1.20	1.30	1.28	0.21	-0.52
CM	CABA1	43.833	-70.064	0.01	0.25	1.68	1.95	1.97	1.82	0.36	0.77
CM	CABI1	47.955	-115.671	-0.01	0.25	1.49	1.23	1.35	1.35	0.20	-1.03
CM	CACO1	41.976	-70.024	-0.01	0.70	3.12	2.95	3.08	3.03	0.35	-0.28
CM	CACR1	34.454	-94.143	-0.01	0.46	3.43	3.17	3.26	3.29	0.44	-0.42
CM	CANY1	38.459	-109.821	-0.01	0.44	2.11	1.93	2.12	2.02	0.43	-0.47
CM	CAPI1	38.302	-111.293	0.01	0.65	1.86	2.01	1.96	1.94	0.39	0.41
CM	CEBL1	38.77	-99.763	0.05	0.32	4.28	5.22	4.97	4.83	0.97	1.02
CM	CHAS1	28.748	-82.555	0.00	0.91	3.30	3.26	3.29	3.27	0.32	-0.07
CM	CHIR1	32.009	-109.389	0.02	0.52	3.74	4.03	3.65	3.88	0.81	0.39
CM	COHU1	34.785	-84.627	0.06	0.00	1.34	2.40	1.97	1.93	0.38	2.91
CM	CORI1	45.664	-121.001	0.13	0.09	4.34	6.88	6.12	5.68	1.87	2.35
CM	CRLA1	42.896	-122.136	-0.02	0.00	0.98	0.60	0.81	0.77	0.18	-2.58
CM	CRMO1	43.46	-113.555	-0.02	0.13	1.99	1.69	1.92	1.83	0.48	-0.86
CM	DENA1	63.723	-148.967	0.01	0.06	0.60	0.85	0.75	0.72	0.15	1.80
CM	DOME1	35.728	-118.138	0.10	0.05	4.93	6.76	5.89	5.89	1.07	1.64
CM	DOSO1	39.105	-79.426	0.02	0.09	1.31	1.65	1.48	1.48	0.22	1.19
CM	EGBE1	44.231	-79.783	0.00	0.96	2.48	2.49	2.47	2.49	0.35	0.03
CM	EVER1	25.391	-80.681	0.06	0.10	3.38	4.43	4.18	3.94	0.83	1.41
CM	FLAT1	47.773	-114.269	0.00	0.68	1.48	1.39	1.45	1.43	0.21	-0.33
CM	FOPE1	48.308	-105.102	0.02	0.28	2.47	2.92	2.81	2.73	0.38	0.86
CM	FRRE1	39.706	-79.012	0.01	0.86	2.01	2.17	2.20	2.11	0.45	0.39
CM	GAMO1	46.826	-111.711	0.00	0.47	0.92	0.85	0.89	0.89	0.13	-0.40
CM	GICL1	33.22	-108.235	0.01	0.56	1.64	1.86	1.78	1.75	0.38	0.66
CM	GLAC1	48.511	-113.997	-0.03	0.10	2.96	2.34	2.71	2.65	0.49	-1.23
CM	GRBA1	39.005	-114.216	0.01	0.80	1.74	1.91	1.80	1.83	0.30	0.48
CM	GRCA2	36.066	-112.154	-0.04	0.01	1.91	1.20	1.56	1.59	0.31	-2.35
CM	GRGU1	44.308	-71.218	-0.01	0.01	1.59	1.31	1.46	1.44	0.13	-1.01
CM	GRII1	43.937	-91.405	-0.07	0.03	4.02	2.78	3.40	3.30	0.65	-1.98
CM	GRSA1	37.725	-105.519	-0.09	0.01	3.20	1.53	2.48	2.36	0.84	-3.73
CM	GRSM1	35.633	-83.942	0.00	0.90	2.20	2.23	2.21	2.22	0.29	0.07

CM	GUM01	31.833	-104.809	-0.06	0.27	6.00	4.77	5.80	5.38	1.87	-1.20
CM	HAVO1	19.431	-155.258	0.01	0.05	0.82	1.00	0.92	0.92	0.16	1.02
CM	HECA1	44.97	-116.844	-0.01	0.38	1.84	1.72	1.79	1.77	0.18	-0.37
CM	HEGL1	36.614	-92.922	0.02	0.70	3.02	3.36	3.22	3.20	0.48	0.55
CM	HOOV1	38.088	-119.177	-0.02	0.18	1.51	1.16	1.43	1.32	0.30	-1.37
CM	IKBA1	34.34	-111.683	-0.03	0.22	3.28	2.72	3.14	3.00	0.61	-0.98
CM	ISLE1	47.46	-88.149	-0.03	0.01	2.06	1.43	1.78	1.75	0.34	-1.90
CM	JARB1	41.893	-115.426	0.00	0.85	2.16	2.25	2.30	2.21	0.38	0.21
CM	JARI1	37.627	-79.512	-0.03	0.06	2.42	1.93	2.08	2.16	0.35	-1.20
CM	JOSH1	34.07	-116.389	-0.02	0.60	4.41	4.05	4.24	4.23	0.66	-0.45
CM	KAIS1	37.221	-119.155	0.01	0.34	2.18	2.39	2.28	2.29	0.31	0.49
CM	KALM1	42.552	-124.059	-0.01	0.17	1.41	1.29	1.36	1.35	0.18	-0.47
CM	LABE1	41.712	-121.507	-0.01	0.44	1.37	1.25	1.33	1.31	0.17	-0.50
CM	LASU2	40.693	-92.006	0.10	0.30	3.55	5.44	4.78	4.75	1.01	2.10
CM	LAVO1	40.54	-121.577	0.02	0.07	1.22	1.61	1.41	1.42	0.33	1.46
CM	LIGO1	35.972	-81.933	0.00	0.97	1.76	1.71	1.71	1.74	0.22	-0.17
CM	LOST1	48.642	-102.402	0.02	0.24	3.45	3.76	3.89	3.61	0.67	0.45
CM	MACA1	37.132	-86.148	0.02	0.15	2.28	2.62	2.30	2.45	0.45	0.75
CM	MAVI1	41.331	-70.785	0.21	0.00	1.40	5.48	4.79	3.76	2.32	5.71
CM	MEAD1	36.019	-114.068	-0.02	0.46	3.44	3.11	3.25	3.25	0.50	-0.54
CM	MELA1	48.487	-104.476	0.01	0.85	3.41	3.57	3.44	3.49	0.42	0.25
CM	MEVE1	37.198	-108.491	-0.03	0.09	2.10	1.45	2.13	1.78	0.89	-1.93
CM	MING1	36.972	-90.143	0.00	0.97	5.00	5.02	5.02	5.01	0.95	0.02
CM	MOHO1	45.289	-121.784	0.01	0.22	0.84	1.04	1.02	0.94	0.40	1.11
CM	MOMO1	41.821	-73.297	0.00	0.56	1.70	1.61	1.67	1.65	0.31	-0.30
CM	MONT1	47.122	-113.154	0.01	0.90	1.36	1.53	1.61	1.45	0.67	0.61
CM	MOOS1	45.126	-67.266	-0.02	0.03	1.39	1.10	1.30	1.25	0.22	-1.22
CM	MORA1	46.758	-122.124	-0.01	0.22	1.37	1.16	1.27	1.27	0.22	-0.86
CM	MOZI1	40.538	-106.677	-0.04	0.01	1.67	0.83	1.40	1.25	0.42	-3.53
CM	NEBR1	41.889	-100.339	0.00	0.79	2.99	2.92	3.03	2.95	0.53	-0.13
CM	NOAB1	44.745	-109.382	-0.03	0.00	1.75	1.13	1.45	1.46	0.28	-2.26
CM	NOCA1	48.732	-121.065	0.00	0.75	0.71	0.75	0.77	0.73	0.16	0.29
CM	NOCH1	45.65	-106.557	-0.01	0.68	1.97	1.78	1.91	1.86	0.35	-0.55
CM	OKEF1	30.74	-82.128	0.03	0.17	2.51	3.09	2.94	2.80	0.60	1.09
CM	OLYM1	48.007	-122.973	-0.01	0.08	1.03	0.79	0.90	0.90	0.14	-1.46
CM	ORPI1	31.951	-112.802	0.03	0.46	4.35	4.92	4.90	4.68	0.83	0.65
CM	PASA1	48.388	-119.927	0.01	0.34	0.86	0.99	1.00	0.93	0.30	0.76

CM	PEFO1	35.078	-109.769	0.00	0.80	2.77	2.73	2.83	2.75	0.73	-0.08
CM	PENO1	44.948	-68.648	0.03	0.35	2.28	2.85	2.70	2.65	0.65	1.14
CM	PINN1	36.483	-121.157	0.02	0.10	3.21	3.67	3.40	3.44	0.34	0.70
CM	PMRF1	44.528	-72.869	-0.01	0.31	1.40	1.20	1.27	1.30	0.17	-0.81
CM	PORE1	38.122	-122.909	-0.03	0.24	4.78	4.27	4.60	4.52	0.58	-0.59
CM	PRIS1	46.696	-68.033	-0.03	0.15	3.70	3.08	3.49	3.37	0.47	-0.97
CM	QUCI1	39.943	-81.338	0.02	0.55	2.91	3.20	3.10	3.07	0.82	0.49
CM	QURE1	42.299	-72.335	-0.02	0.18	1.65	1.32	1.53	1.51	0.24	-1.15
CM	QUVA1	33.294	-111.286	-0.04	0.40	6.25	5.44	6.06	5.91	1.02	-0.73
CM	RAFA1	34.734	-120.007	0.01	0.70	4.35	4.54	4.38	4.44	0.46	0.23
CM	REDW1	41.561	-124.084	0.02	0.17	2.16	2.46	2.37	2.31	0.45	0.67
CM	ROMA1	32.941	-79.657	0.01	0.75	3.32	3.56	3.42	3.44	0.49	0.37
CM	ROMO1	40.278	-105.546	-0.03	0.04	2.21	1.55	1.94	1.88	0.49	-1.84
CM	SACR1	33.46	-104.404	0.07	0.27	6.41	7.78	7.18	7.09	2.04	1.02
CM	SAGA1	34.297	-118.028	0.00	0.86	3.17	3.14	3.31	3.15	0.93	-0.05
CM	SAGO1	34.194	-116.913	-0.02	0.09	3.63	3.17	3.35	3.40	0.55	-0.71
CM	SAGU1	32.175	-110.737	0.04	0.38	4.20	4.98	4.52	4.61	0.66	0.89
CM	SAMA1	30.093	-84.161	0.03	0.10	2.23	2.74	2.64	2.50	0.46	1.07
CM	SAPE1	36.014	-106.845	0.00	0.92	1.29	1.31	1.37	1.30	0.39	0.07
CM	SAWE1	32.249	-111.218	0.00	0.85	6.64	6.57	6.57	6.60	0.95	-0.05
CM	SAWT1	44.171	-114.927	-0.01	0.31	1.08	0.86	1.00	0.97	0.21	-1.19
CM	SENE1	46.289	-85.95	-0.01	0.33	1.28	1.17	1.21	1.23	0.18	-0.48
CM	SEQU1	36.489	-118.829	0.04	0.33	5.52	6.19	5.58	5.85	0.84	0.60
CM	SHEN1	38.523	-78.435	0.00	0.90	1.90	1.85	1.89	1.87	0.35	-0.13
CM	SHMI1	37.304	-107.484	-0.03	0.10	3.09	2.59	2.78	2.78	0.33	-0.94
CM	SHRO1	35.394	-82.774	0.04	0.02	1.06	1.78	1.40	1.44	0.39	2.63
CM	SIAN1	34.091	-110.942	-0.06	0.07	3.22	2.04	2.82	2.76	0.60	-2.25
CM	SIME1	55.326	-160.506	-0.02	0.16	2.68	2.36	2.52	2.50	0.34	-0.67
CM	SIPS1	34.343	-87.339	-0.03	0.01	2.85	2.28	2.65	2.57	0.33	-1.17
CM	SNPA1	47.422	-121.426	0.00	0.65	0.76	0.81	0.75	0.78	0.12	0.37
CM	STAR1	45.225	-118.513	-0.03	0.00	2.13	1.49	1.94	1.81	0.45	-1.86
CM	SULA1	45.86	-114	-0.02	0.16	1.33	1.01	1.25	1.17	0.47	-1.46
CM	SWAN1	35.451	-76.207	0.00	0.80	3.31	3.25	3.22	3.28	0.43	-0.09
CM	SYCA1	35.141	-111.969	0.02	0.65	4.07	4.40	4.44	4.20	0.90	0.41
CM	TALL1	38.434	-96.56	0.05	0.32	3.86	4.80	4.35	4.40	0.80	1.12
CM	THBA1	44.663	-105.287	-0.06	0.03	3.74	2.67	3.16	3.10	0.53	-1.81
CM	THRO1	46.895	-103.378	-0.02	0.22	3.70	3.29	3.48	3.49	0.39	-0.60

CM	THSI1	44.291	-122.043	0.04	0.01	1.28	2.04	1.90	1.66	0.93	2.39
CM	TONT1	33.655	-111.107	-0.01	0.75	4.16	4.01	3.96	4.09	0.68	-0.20
CM	TRCR1	62.315	-150.316	0.01	0.06	0.90	1.09	1.11	1.00	0.28	1.03
CM	TRIN1	40.786	-122.805	0.00	1.00	1.50	1.52	1.50	1.51	0.37	0.05
CM	ULBE1	47.582	-108.72	-0.03	0.04	2.39	1.84	2.20	2.12	0.43	-1.36
CM	UPBU1	35.826	-93.203	-0.13	0.03	4.55	2.17	3.69	3.36	1.17	-3.73
CM	VIIS1	18.336	-64.796	0.08	0.10	7.36	8.97	8.11	8.12	0.93	1.04
CM	VILA1	40.969	-95.045	-0.02	0.74	6.04	5.61	5.86	5.79	0.88	-0.39
CM	VOYA2	48.413	-92.829	-0.01	0.48	1.63	1.52	1.58	1.58	0.23	-0.36
CM	WEMI1	37.659	-107.8	-0.02	0.14	1.66	1.31	1.50	1.48	0.32	-1.25
CM	WHIT1	33.469	-105.535	-0.01	0.91	3.54	3.43	3.55	3.48	1.38	-0.17
CM	WHPA1	46.624	-121.388	0.00	0.56	0.82	0.77	0.83	0.79	0.29	-0.32
CM	WHPE1	36.585	-105.452	-0.02	0.27	1.39	1.04	1.28	1.20	0.32	-1.54
CM	WHRI1	39.154	-106.821	-0.03	0.00	1.35	0.78	1.08	1.06	0.23	-2.80
CM	WICA1	43.558	-103.484	-0.01	0.13	2.15	1.87	2.05	2.02	0.33	-0.72
CM	WIMO1	34.732	-98.713	0.02	0.42	4.24	4.57	4.73	4.41	0.79	0.40
CM	YELL2	44.565	-110.4	-0.01	0.48	1.17	1.05	1.13	1.11	0.19	-0.54
CM	YOSE1	37.713	-119.706	0.04	0.01	2.11	2.82	2.45	2.46	0.41	1.51
CM	ZICA1	37.198	-113.151	-0.02	0.36	3.17	2.74	2.99	2.92	0.52	-0.78
Fine bext	ACAD1	44.377	-68.261	-1.45	0.00	40.26	12.70	27.42	25.75	8.63	-5.63
Fine bext	AGTI1	33.464	-116.971	-1.78	0.00	45.51	11.67	33.23	28.59	10.47	-6.23
Fine bext	BADL1	43.743	-101.941	-0.41	0.00	23.21	15.47	19.19	19.14	3.08	-2.13
Fine bext	BALD1	34.058	-109.441	-0.28	0.00	13.76	8.37	11.59	10.92	4.00	-2.60
Fine bext	BAND1	35.78	-106.266	-0.35	0.00	16.08	9.49	12.53	12.61	2.47	-2.75
Fine bext	BIBE1	29.303	-103.178	-0.42	0.00	22.82	14.92	19.38	18.66	2.71	-2.23
Fine bext	BLIS1	38.976	-120.103	-0.09	0.52	14.43	12.64	14.44	13.54	3.29	-0.70
Fine bext	BOAP1	33.869	-106.852	-0.31	0.00	17.36	11.38	14.20	14.21	2.36	-2.21
Fine bext	BOND1	40.052	-88.373	-3.35	0.00	105.28	41.68	69.99	71.81	19.75	-4.66
Fine bext	BOWA1	47.947	-91.495	-0.82	0.00	32.22	16.66	23.29	24.03	5.58	-3.41
Fine bext	BRCA1	37.618	-112.174	-0.35	0.00	14.13	7.51	11.18	10.65	3.19	-3.28
Fine bext	BRID1	42.975	-109.758	-0.13	0.22	11.21	8.73	10.36	9.91	2.30	-1.32
Fine bext	BRIG1	39.465	-74.449	-3.10	0.00	83.19	24.25	53.77	50.61	18.45	-6.13
Fine bext	BRMA1	44.107	-70.729	-1.83	0.00	43.92	9.20	30.66	29.30	8.35	-6.24
Fine bext	CABA1	43.833	-70.064	-1.76	0.00	48.90	15.44	33.36	31.29	10.01	-5.63
Fine bext	CABI1	47.955	-115.671	-0.23	0.31	16.78	12.34	15.56	14.44	4.72	-1.62
Fine bext	CACO1	41.976	-70.024	-1.95	0.00	53.15	16.13	36.85	33.66	11.28	-5.79
Fine bext	CACR1	34.454	-94.143	-2.25	0.00	70.58	27.85	48.76	48.09	13.94	-4.68

Fine bext	CANY1	38.459	-109.821	-0.24	0.00	12.45	7.95	10.05	10.08	1.60	-2.35
Fine bext	CAPI1	38.302	-111.293	-0.23	0.00	12.64	8.20	10.49	10.30	1.65	-2.27
Fine bext	CEBL1	38.77	-99.763	-1.08	0.00	40.38	19.91	29.95	28.53	6.32	-3.78
Fine bext	CHAS1	28.748	-82.555	-2.14	0.00	71.47	30.87	51.01	47.97	14.31	-4.45
Fine bext	CHIR1	32.009	-109.389	-0.25	0.00	13.69	8.87	11.46	11.16	2.05	-2.28
Fine bext	COHU1	34.785	-84.627	-3.90	0.00	89.60	15.54	55.28	48.68	23.00	-8.01
Fine bext	CORI1	45.664	-121.001	-0.83	0.01	44.53	28.73	36.49	36.22	6.68	-2.30
Fine bext	CRLA1	42.896	-122.136	-0.11	0.52	13.37	11.33	15.98	12.24	7.95	-0.88
Fine bext	CRMO1	43.46	-113.555	-0.20	0.13	16.14	12.40	14.31	14.17	3.27	-1.39
Fine bext	DENA1	63.723	-148.967	-0.17	0.07	9.21	5.90	9.11	7.46	4.55	-2.33
Fine bext	DOME1	35.728	-118.138	-0.50	0.00	27.46	18.03	23.29	22.25	4.66	-2.23
Fine bext	DOSO1	39.105	-79.426	-3.06	0.00	77.80	19.65	49.09	47.19	18.98	-6.49
Fine bext	EGBE1	44.231	-79.783	-1.61	0.00	62.53	31.91	43.85	42.38	8.34	-3.80
Fine bext	EVER1	25.391	-80.681	-1.01	0.00	43.69	24.56	38.04	33.62	14.23	-2.99
Fine bext	FLAT1	47.773	-114.269	-0.22	0.16	17.10	12.99	16.00	14.72	4.67	-1.47
Fine bext	FOPE1	48.308	-105.102	-0.19	0.22	24.88	21.26	22.22	22.78	3.51	-0.84
Fine bext	FRRE1	39.706	-79.012	-3.56	0.00	87.77	20.17	51.97	46.86	19.72	-7.59
Fine bext	GAMO1	46.826	-111.711	-0.17	0.10	11.80	8.56	10.92	10.18	3.18	-1.67
Fine bext	GICL1	33.22	-108.235	-0.27	0.03	15.04	9.97	12.75	12.37	3.28	-2.16
Fine bext	GLAC1	48.511	-113.997	-0.53	0.03	29.75	19.68	24.14	24.45	5.44	-2.17
Fine bext	GRBA1	39.005	-114.216	-0.18	0.00	10.87	7.49	9.13	9.09	1.46	-1.96
Fine bext	GRCA2	36.066	-112.154	-0.25	0.00	12.48	7.72	11.43	9.97	5.89	-2.51
Fine bext	GRGU1	44.308	-71.218	-1.46	0.00	37.80	10.07	24.57	23.20	8.97	-6.29
Fine bext	GRR11	43.937	-91.405	-2.12	0.00	66.80	26.52	45.66	43.48	11.57	-4.88
Fine bext	GRSA1	37.725	-105.519	-0.25	0.00	14.63	9.92	11.78	12.15	1.77	-2.04
Fine bext	GRSM1	35.633	-83.942	-3.87	0.00	88.79	15.34	55.34	50.13	23.75	-7.71
Fine bext	GUMO1	31.833	-104.809	-0.26	0.01	19.74	14.73	17.19	17.10	2.45	-1.54
Fine bext	HAVO1	19.431	-155.258	-0.23	0.46	29.34	24.89	28.33	27.00	8.23	-0.87
Fine bext	HECA1	44.97	-116.844	-0.41	0.03	22.68	14.80	18.66	18.53	4.06	-2.24
Fine bext	HEGL1	36.614	-92.922	-2.42	0.00	72.19	26.23	49.61	48.00	14.43	-5.04
Fine bext	HOOV1	38.088	-119.177	-0.05	0.91	10.84	9.97	11.22	10.36	2.77	-0.44
Fine bext	IKBA1	34.34	-111.683	-0.32	0.00	15.94	9.86	13.24	12.74	2.37	-2.51
Fine bext	ISLE1	47.46	-88.149	-1.04	0.00	33.87	14.03	24.66	23.43	6.21	-4.46
Fine bext	JARB1	41.893	-115.426	-0.09	0.38	11.07	9.45	10.58	10.21	2.17	-0.84
Fine bext	JARI1	37.627	-79.512	-3.48	0.00	86.41	20.27	55.48	51.60	21.07	-6.75
Fine bext	JOSH1	34.07	-116.389	-0.94	0.00	26.65	8.77	20.38	17.23	5.69	-5.46
Fine bext	KAIS1	37.221	-119.155	-0.14	0.52	17.76	15.07	17.04	16.27	4.17	-0.87

Fine bext	KALM1	42.552	-124.059	-0.29	0.09	21.27	15.73	19.97	18.35	5.92	-1.59
Fine bext	LABE1	41.712	-121.507	-0.05	0.65	15.35	14.40	16.55	14.85	7.01	-0.34
Fine bext	LASU2	40.693	-92.006	-2.64	0.00	77.83	27.69	51.24	46.16	13.46	-5.72
Fine bext	LAVO1	40.54	-121.577	-0.18	0.46	16.24	12.75	19.03	14.40	10.30	-1.27
Fine bext	LIGO1	35.972	-81.933	-3.30	0.00	76.60	13.90	50.02	43.60	21.75	-7.57
Fine bext	LOST1	48.642	-102.402	-0.43	0.01	32.73	24.51	28.00	28.40	3.50	-1.52
Fine bext	MACA1	37.132	-86.148	-4.22	0.00	112.33	32.07	71.32	70.09	26.03	-6.03
Fine bext	MAVI1	41.331	-70.785	-1.99	0.00	59.15	21.30	38.83	37.24	11.43	-5.35
Fine bext	MEAD1	36.019	-114.068	-0.34	0.00	13.81	7.42	10.39	10.11	1.84	-3.32
Fine bext	MELA1	48.487	-104.476	-0.14	0.25	25.50	22.75	23.29	24.05	2.55	-0.60
Fine bext	MEVE1	37.198	-108.491	-0.36	0.00	14.20	7.44	10.81	10.64	2.66	-3.35
Fine bext	MING1	36.972	-90.143	-2.94	0.00	86.22	30.42	55.43	52.45	18.01	-5.60
Fine bext	MOHO1	45.289	-121.784	-0.24	0.07	15.85	11.37	13.32	13.49	2.59	-1.75
Fine bext	MOMO1	41.821	-73.297	-2.21	0.00	53.77	11.87	35.94	30.61	13.25	-7.20
Fine bext	MONT1	47.122	-113.154	-0.22	0.34	17.83	13.60	17.49	15.72	6.02	-1.42
Fine bext	MOOS1	45.126	-67.266	-1.30	0.00	36.08	11.36	25.03	23.07	7.64	-5.64
Fine bext	MORA1	46.758	-122.124	-0.67	0.00	25.86	13.14	19.62	19.17	4.22	-3.49
Fine bext	MOZI1	40.538	-106.677	-0.23	0.01	12.20	7.89	9.59	9.93	1.85	-2.28
Fine bext	NEBR1	41.889	-100.339	-0.80	0.00	33.02	17.85	24.01	23.84	4.52	-3.35
Fine bext	NOAB1	44.745	-109.382	-0.15	0.08	11.11	8.21	9.88	9.58	2.19	-1.59
Fine bext	NOCA1	48.732	-121.065	-0.32	0.04	16.24	10.22	15.24	13.07	6.17	-2.42
Fine bext	NOCH1	45.65	-106.557	-0.16	0.25	16.75	13.70	15.40	14.99	5.52	-1.07
Fine bext	OKEF1	30.74	-82.128	-2.58	0.00	78.51	29.45	53.91	52.69	16.31	-4.90
Fine bext	OLYM1	48.007	-122.973	-0.62	0.00	25.75	13.90	18.20	19.20	3.60	-3.25
Fine bext	ORPI1	31.951	-112.802	-0.38	0.00	16.71	9.44	13.10	12.50	2.10	-3.06
Fine bext	PASA1	48.388	-119.927	-0.28	0.34	16.73	11.47	16.25	13.96	6.67	-1.98
Fine bext	PEFO1	35.078	-109.769	-0.47	0.00	17.44	8.47	13.22	12.72	3.68	-3.71
Fine bext	PENO1	44.948	-68.648	-1.26	0.00	42.13	18.10	27.23	26.32	5.68	-4.80
Fine bext	PINN1	36.483	-121.157	-0.56	0.00	29.96	19.39	24.22	24.40	3.88	-2.28
Fine bext	PMRF1	44.528	-72.869	-1.72	0.00	44.38	11.75	30.37	27.20	10.64	-6.31
Fine bext	PORE1	38.122	-122.909	-0.83	0.00	43.49	27.81	35.63	35.24	6.68	-2.34
Fine bext	PRIS1	46.696	-68.033	-1.36	0.00	38.15	12.22	26.48	24.51	7.61	-5.57
Fine bext	QUCI1	39.943	-81.338	-3.63	0.00	95.99	27.06	64.26	59.71	22.08	-6.08
Fine bext	QURE1	42.299	-72.335	-2.41	0.00	57.34	11.58	39.71	38.07	11.23	-6.33
Fine bext	QUVA1	33.294	-111.286	-0.51	0.00	19.62	9.96	16.01	15.55	2.62	-3.27
Fine bext	RAFA1	34.734	-120.007	-0.74	0.00	28.46	14.32	24.55	21.02	6.02	-3.54
Fine bext	REDW1	41.561	-124.084	-0.33	0.12	27.59	21.23	24.83	24.24	5.34	-1.38

Fine bext	ROMA1	32.941	-79.657	-2.54	0.00	77.82	29.61	52.83	52.45	16.27	-4.84
Fine bext	ROMO1	40.278	-105.546	-0.35	0.00	15.87	9.31	12.11	12.42	2.44	-2.78
Fine bext	SACR1	33.46	-104.404	-0.42	0.00	25.26	17.36	21.47	21.10	2.81	-1.97
Fine bext	SAGA1	34.297	-118.028	-0.86	0.00	31.22	14.84	22.25	22.17	5.91	-3.89
Fine bext	SAGO1	34.194	-116.913	-1.32	0.00	33.90	8.79	25.66	20.69	8.12	-6.39
Fine bext	SAGU1	32.175	-110.737	-0.43	0.00	18.41	10.27	14.83	14.13	2.88	-3.03
Fine bext	SAMA1	30.093	-84.161	-2.40	0.00	75.36	29.70	52.36	50.12	15.18	-4.79
Fine bext	SAPE1	36.014	-106.845	-0.27	0.00	12.65	7.57	9.84	9.98	1.91	-2.68
Fine bext	SAWE1	32.249	-111.218	-0.45	0.00	21.04	12.51	16.66	16.32	2.83	-2.75
Fine bext	SAWT1	44.171	-114.927	-0.20	0.38	17.17	13.36	16.34	15.17	5.35	-1.32
Fine bext	SENE1	46.289	-85.95	-1.53	0.00	43.89	14.86	31.40	28.61	9.47	-5.34
Fine bext	SEQU1	36.489	-118.829	-1.14	0.00	46.58	24.83	38.92	35.14	8.63	-3.26
Fine bext	SHEN1	38.523	-78.435	-3.16	0.00	73.03	13.01	48.96	41.44	19.19	-7.62
Fine bext	SHMI1	37.304	-107.484	-0.26	0.00	14.12	9.25	11.04	11.04	1.68	-2.32
Fine bext	SHRO1	35.394	-82.774	-3.14	0.00	65.82	6.12	41.45	34.40	18.64	-9.14
Fine bext	SIAN1	34.091	-110.942	-0.53	0.01	19.30	9.19	15.47	15.04	3.59	-3.54
Fine bext	SIME1	55.326	-160.506	-0.12	0.31	24.94	22.57	23.90	23.63	2.66	-0.53
Fine bext	SIPS1	34.343	-87.339	-3.45	0.00	90.76	25.26	60.33	56.29	21.91	-6.12
Fine bext	SNPA1	47.422	-121.426	-0.65	0.00	26.63	14.37	19.57	20.17	4.28	-3.20
Fine bext	STAR1	45.225	-118.513	-0.61	0.00	23.01	11.45	18.45	16.93	5.04	-3.59
Fine bext	SULA1	45.86	-114	-0.27	0.16	15.33	10.18	16.71	12.76	10.01	-2.13
Fine bext	SWAN1	35.451	-76.207	-2.07	0.00	65.15	25.88	44.73	43.44	13.89	-4.76
Fine bext	SYCA1	35.141	-111.969	-0.32	0.00	20.85	14.86	18.04	18.33	2.38	-1.72
Fine bext	TALL1	38.434	-96.56	-1.75	0.00	61.71	28.40	44.27	42.43	10.59	-4.13
Fine bext	THBA1	44.663	-105.287	-0.23	0.15	19.04	14.61	15.89	16.25	2.60	-1.43
Fine bext	THRO1	46.895	-103.378	-0.32	0.00	26.10	19.95	22.18	22.87	3.16	-1.42
Fine bext	THSI1	44.291	-122.043	-0.17	0.20	17.88	14.58	16.69	16.14	6.20	-1.08
Fine bext	TONT1	33.655	-111.107	-0.36	0.00	17.37	10.61	14.44	13.81	2.39	-2.58
Fine bext	TRCR1	62.315	-150.316	-0.18	0.02	10.02	6.63	9.03	8.15	2.41	-2.19
Fine bext	TRIN1	40.786	-122.805	-0.37	0.21	20.17	13.12	21.44	17.02	14.61	-2.18
Fine bext	ULBE1	47.582	-108.72	-0.10	0.07	15.35	13.44	15.24	14.35	2.64	-0.70
Fine bext	UPBU1	35.826	-93.203	-2.14	0.00	67.62	26.92	47.18	46.20	13.50	-4.64
Fine bext	VIIS1	18.336	-64.796	-0.18	0.35	26.74	23.39	24.90	24.89	2.03	-0.71
Fine bext	VILA1	40.969	-95.045	-2.27	0.00	73.33	30.15	48.73	48.33	12.31	-4.70
Fine bext	VOYA2	48.413	-92.829	-0.72	0.00	27.46	13.73	22.23	20.24	4.55	-3.57
Fine bext	WEMI1	37.659	-107.8	-0.27	0.00	12.65	7.49	9.82	9.93	2.00	-2.74
Fine bext	WHIT1	33.469	-105.535	-0.33	0.00	16.24	10.00	13.30	12.79	2.25	-2.57

Fine bext	WHPA1	46.624	-121.388	-0.09	0.55	12.67	11.00	11.95	11.79	4.37	-0.75
Fine bext	WHPE1	36.585	-105.452	-0.30	0.00	12.04	6.42	9.03	8.94	1.76	-3.31
Fine bext	WHRI1	39.154	-106.821	-0.20	0.00	10.07	6.23	8.17	8.05	1.50	-2.51
Fine bext	WICA1	43.558	-103.484	-0.33	0.00	20.95	14.72	17.01	17.67	2.89	-1.86
Fine bext	WIMO1	34.732	-98.713	-1.24	0.00	49.55	26.05	37.84	37.18	8.15	-3.33
Fine bext	YELL2	44.565	-110.4	-0.23	0.02	14.32	9.99	11.91	12.04	2.62	-1.89
Fine bext	YOSE1	37.713	-119.706	-0.56	0.17	25.17	14.47	23.30	19.54	11.82	-2.88
Fine bext	ZICA1	37.198	-113.151	-0.34	0.00	13.85	7.33	10.81	10.07	2.31	-3.41
Aerosol bext	ACAD1	44.377	-68.261	-1.44	0.00	41.80	14.44	28.95	27.40	8.54	-5.25
Aerosol bext	AGTI1	33.464	-116.971	-1.79	0.00	50.90	16.82	38.43	33.86	11.00	-5.30
Aerosol bext	BADL1	43.743	-101.941	-0.47	0.00	26.52	17.66	22.07	21.85	3.38	-2.13
Aerosol bext	BALD1	34.058	-109.441	-0.32	0.00	15.56	9.57	13.32	12.41	4.23	-2.54
Aerosol bext	BAND1	35.78	-106.266	-0.34	0.00	18.29	11.79	14.52	14.87	2.62	-2.30
Aerosol bext	BIBE1	29.303	-103.178	-0.43	0.00	28.00	19.92	23.37	23.75	3.20	-1.79
Aerosol bext	BLIS1	38.976	-120.103	-0.06	0.79	15.44	14.22	15.79	14.83	3.33	-0.43
Aerosol bext	BOAP1	33.869	-106.852	-0.32	0.00	20.39	14.37	17.72	17.22	3.05	-1.84
Aerosol bext	BOND1	40.052	-88.373	-3.21	0.00	107.98	46.94	73.92	75.85	19.61	-4.24
Aerosol bext	BOWA1	47.947	-91.495	-0.82	0.00	33.60	18.05	24.80	25.41	5.67	-3.22
Aerosol bext	BRCA1	37.618	-112.174	-0.36	0.00	15.68	8.76	12.83	12.04	3.47	-3.02
Aerosol bext	BRID1	42.975	-109.758	-0.14	0.25	12.43	9.70	11.42	10.99	2.39	-1.31
Aerosol bext	BRIG1	39.465	-74.449	-3.02	0.00	88.17	30.75	59.18	56.44	18.39	-5.35
Aerosol bext	BRMA1	44.107	-70.729	-1.87	0.00	45.72	10.13	32.04	30.73	8.55	-6.09
Aerosol bext	CABA1	43.833	-70.064	-1.69	0.00	50.60	18.42	35.33	33.66	9.92	-5.03
Aerosol bext	CABI1	47.955	-115.671	-0.23	0.28	18.24	13.78	16.91	15.89	4.75	-1.48
Aerosol bext	CACO1	41.976	-70.024	-1.96	0.00	56.26	19.09	40.07	36.70	11.63	-5.33
Aerosol bext	CACR1	34.454	-94.143	-2.25	0.00	73.82	30.98	51.93	51.27	13.93	-4.40
Aerosol bext	CANY1	38.459	-109.821	-0.24	0.00	14.64	10.06	12.19	12.23	1.83	-1.97
Aerosol bext	CAPI1	38.302	-111.293	-0.22	0.00	14.53	10.38	12.28	12.23	1.70	-1.79
Aerosol bext	CEBL1	38.77	-99.763	-0.99	0.00	45.01	26.29	34.92	34.17	6.22	-2.88
Aerosol bext	CHAS1	28.748	-82.555	-2.12	0.00	74.07	33.83	54.29	50.78	14.34	-4.17
Aerosol bext	CHIR1	32.009	-109.389	-0.23	0.01	17.20	12.88	15.10	14.93	2.44	-1.52
Aerosol bext	COHU1	34.785	-84.627	-3.64	0.00	89.78	20.67	56.19	51.59	21.94	-7.05
Aerosol bext	CORI1	45.664	-121.001	-0.62	0.05	47.88	36.03	42.80	41.65	6.27	-1.50
Aerosol bext	CRLA1	42.896	-122.136	-0.13	0.57	14.42	12.02	16.53	13.09	7.95	-0.96
Aerosol bext	CRMO1	43.46	-113.555	-0.20	0.13	17.92	14.05	16.21	15.88	3.44	-1.28
Aerosol bext	DENA1	63.723	-148.967	-0.16	0.07	9.72	6.62	9.86	8.09	4.51	-2.02
Aerosol bext	DOME1	35.728	-118.138	-0.44	0.02	33.59	25.18	29.30	28.94	4.83	-1.53

Aerosol bext	DOSO1	39.105	-79.426	-3.04	0.00	79.20	21.38	50.56	48.77	18.87	-6.24
Aerosol bext	EGBE1	44.231	-79.783	-1.58	0.00	64.53	34.55	46.32	44.80	8.33	-3.52
Aerosol bext	EVER1	25.391	-80.681	-0.86	0.00	45.78	29.35	42.22	37.14	14.21	-2.33
Aerosol bext	FLAT1	47.773	-114.269	-0.26	0.16	18.93	14.07	17.44	16.11	4.80	-1.59
Aerosol bext	FOPE1	48.308	-105.102	-0.21	0.22	27.79	23.83	24.93	25.50	3.71	-0.82
Aerosol bext	FRRE1	39.706	-79.012	-3.66	0.00	91.36	21.91	54.17	49.33	19.62	-7.41
Aerosol bext	GAMO1	46.826	-111.711	-0.18	0.09	12.80	9.42	11.81	11.11	3.20	-1.60
Aerosol bext	GICL1	33.22	-108.235	-0.25	0.03	16.35	11.58	14.52	13.84	3.30	-1.81
Aerosol bext	GLAC1	48.511	-113.997	-0.51	0.02	32.21	22.56	26.78	27.13	5.77	-1.87
Aerosol bext	GRBA1	39.005	-114.216	-0.19	0.00	12.35	8.80	10.92	10.48	1.56	-1.78
Aerosol bext	GRCA2	36.066	-112.154	-0.31	0.00	15.01	9.07	13.37	12.19	6.86	-2.57
Aerosol bext	GRGU1	44.308	-71.218	-1.37	0.00	38.39	12.35	25.78	24.68	8.68	-5.55
Aerosol bext	GRII1	43.937	-91.405	-2.21	0.00	71.54	29.48	49.06	47.19	11.80	-4.69
Aerosol bext	GRSA1	37.725	-105.519	-0.31	0.00	17.64	11.66	14.16	14.49	2.40	-2.17
Aerosol bext	GRSM1	35.633	-83.942	-3.84	0.00	90.49	17.48	57.56	52.06	23.75	-7.38
Aerosol bext	GUMO1	31.833	-104.809	-0.35	0.02	26.23	19.68	22.88	22.78	3.43	-1.51
Aerosol bext	HAVO1	19.431	-155.258	-0.22	0.55	30.16	25.89	29.22	27.91	8.27	-0.81
Aerosol bext	HECA1	44.97	-116.844	-0.42	0.03	24.41	16.44	20.41	20.22	4.16	-2.08
Aerosol bext	HEGL1	36.614	-92.922	-2.39	0.00	75.78	30.45	52.83	51.92	14.34	-4.59
Aerosol bext	HOOV1	38.088	-119.177	-0.05	0.68	12.36	11.32	12.65	11.79	2.80	-0.46
Aerosol bext	IKBA1	34.34	-111.683	-0.34	0.00	20.10	13.70	16.29	16.73	2.58	-2.01
Aerosol bext	ISLE1	47.46	-88.149	-1.07	0.00	35.45	15.15	26.40	24.77	6.36	-4.31
Aerosol bext	JARB1	41.893	-115.426	-0.10	0.28	13.46	11.63	12.95	12.50	2.41	-0.77
Aerosol bext	JARI1	37.627	-79.512	-3.49	0.00	88.85	22.59	57.55	53.98	21.22	-6.46
Aerosol bext	JOSH1	34.07	-116.389	-0.93	0.00	30.48	12.82	24.55	21.18	5.76	-4.39
Aerosol bext	KAIS1	37.221	-119.155	-0.13	0.52	19.44	17.03	19.43	18.11	4.57	-0.70
Aerosol bext	KALM1	42.552	-124.059	-0.20	0.13	21.73	17.95	21.09	19.74	6.01	-1.01
Aerosol bext	LABE1	41.712	-121.507	-0.06	0.65	16.71	15.66	17.86	16.16	7.03	-0.34
Aerosol bext	LASU2	40.693	-92.006	-2.57	0.00	81.71	32.94	55.95	50.91	13.37	-5.04
Aerosol bext	LAVO1	40.54	-121.577	-0.13	0.46	16.88	14.41	20.46	15.58	10.31	-0.83
Aerosol bext	LIGO1	35.972	-81.933	-3.34	0.00	80.65	17.19	52.43	45.58	22.40	-7.33
Aerosol bext	LOST1	48.642	-102.402	-0.37	0.01	35.61	28.49	31.88	31.87	3.50	-1.18
Aerosol bext	MACA1	37.132	-86.148	-4.18	0.00	114.12	34.73	73.61	72.34	25.92	-5.78
Aerosol bext	MAVI1	41.331	-70.785	-1.77	0.00	60.46	26.87	43.62	41.01	10.24	-4.31
Aerosol bext	MEAD1	36.019	-114.068	-0.36	0.00	17.78	10.92	13.64	13.81	2.07	-2.62
Aerosol bext	MELA1	48.487	-104.476	-0.11	0.25	28.73	26.56	26.70	27.59	2.71	-0.41
Aerosol bext	MEVE1	37.198	-108.491	-0.38	0.00	16.77	9.48	12.96	12.93	3.35	-2.97

Aerosol bext	MING1	36.972	-90.143	-2.95	0.00	91.41	35.27	60.58	57.43	18.50	-5.15
Aerosol bext	MOHO1	45.289	-121.784	-0.25	0.12	16.84	12.06	14.38	14.32	2.79	-1.76
Aerosol bext	MOMO1	41.821	-73.297	-2.29	0.00	57.70	14.10	38.19	32.45	13.71	-7.07
Aerosol bext	MONT1	47.122	-113.154	-0.17	0.47	19.07	15.85	19.14	17.46	6.18	-0.97
Aerosol bext	MOOS1	45.126	-67.266	-1.32	0.00	37.52	12.49	26.30	24.35	7.71	-5.41
Aerosol bext	MORA1	46.758	-122.124	-0.68	0.00	27.36	14.37	20.90	20.52	4.34	-3.33
Aerosol bext	MOZI1	40.538	-106.677	-0.26	0.01	13.76	8.87	10.93	11.19	2.08	-2.30
Aerosol bext	NEBR1	41.889	-100.339	-0.75	0.00	35.20	21.03	27.04	26.63	4.56	-2.80
Aerosol bext	NOAB1	44.745	-109.382	-0.19	0.01	12.56	8.92	11.08	10.84	2.03	-1.77
Aerosol bext	NOCA1	48.732	-121.065	-0.30	0.04	16.79	11.05	16.19	13.77	6.55	-2.20
Aerosol bext	NOCH1	45.65	-106.557	-0.19	0.19	18.59	14.92	17.31	16.47	5.71	-1.17
Aerosol bext	OKEF1	30.74	-82.128	-2.54	0.00	80.63	32.41	56.77	55.25	16.19	-4.59
Aerosol bext	OLYM1	48.007	-122.973	-0.64	0.00	26.78	14.67	19.09	20.08	3.71	-3.17
Aerosol bext	ORPI1	31.951	-112.802	-0.33	0.00	21.31	15.07	18.00	17.70	2.10	-1.86
Aerosol bext	PASA1	48.388	-119.927	-0.25	0.38	17.42	12.63	17.26	14.90	6.81	-1.69
Aerosol bext	PEFO1	35.078	-109.769	-0.53	0.00	21.05	10.94	16.03	15.73	4.02	-3.38
Aerosol bext	PENO1	44.948	-68.648	-1.21	0.00	44.38	21.31	29.93	29.20	5.56	-4.16
Aerosol bext	PINN1	36.483	-121.157	-0.54	0.00	32.84	22.66	27.66	27.48	3.96	-1.95
Aerosol bext	PMRF1	44.528	-72.869	-1.74	0.00	45.90	12.84	31.64	28.50	10.67	-6.11
Aerosol bext	PORE1	38.122	-122.909	-0.87	0.00	49.21	32.69	40.25	40.52	7.17	-2.15
Aerosol bext	PRIS1	46.696	-68.033	-1.38	0.00	41.34	15.14	29.97	27.55	7.87	-5.01
Aerosol bext	QUCI1	39.943	-81.338	-3.62	0.00	99.92	31.11	67.43	63.71	22.17	-5.69
Aerosol bext	QURE1	42.299	-72.335	-2.44	0.00	59.03	12.71	41.24	39.53	11.29	-6.17
Aerosol bext	QUVA1	33.294	-111.286	-0.48	0.00	25.86	16.64	22.06	21.98	3.20	-2.21
Aerosol bext	RAFA1	34.734	-120.007	-0.72	0.00	33.14	19.45	28.98	25.93	6.12	-2.78
Aerosol bext	REDW1	41.561	-124.084	-0.25	0.15	28.86	24.10	27.18	26.36	5.28	-0.95
Aerosol bext	ROMA1	32.941	-79.657	-2.52	0.00	81.47	33.56	56.22	56.26	16.15	-4.48
Aerosol bext	ROMO1	40.278	-105.546	-0.38	0.00	17.71	10.58	13.98	13.96	2.68	-2.69
Aerosol bext	SACR1	33.46	-104.404	-0.32	0.04	31.48	25.46	28.63	28.31	3.25	-1.12
Aerosol bext	SAGA1	34.297	-118.028	-0.82	0.00	33.71	18.06	25.56	25.06	6.36	-3.29
Aerosol bext	SAGO1	34.194	-116.913	-1.38	0.00	37.13	10.94	29.00	23.34	8.42	-5.90
Aerosol bext	SAGU1	32.175	-110.737	-0.43	0.00	22.74	14.50	19.34	18.40	2.92	-2.36
Aerosol bext	SAMA1	30.093	-84.161	-2.38	0.00	77.50	32.19	55.01	52.46	15.04	-4.54
Aerosol bext	SAPE1	36.014	-106.845	-0.27	0.00	13.88	8.76	11.18	11.19	1.96	-2.41
Aerosol bext	SAWE1	32.249	-111.218	-0.52	0.00	28.72	18.91	23.22	23.30	3.28	-2.22
Aerosol bext	SAWT1	44.171	-114.927	-0.23	0.42	18.31	13.87	17.56	15.97	5.83	-1.46
Aerosol bext	SENE1	46.289	-85.95	-1.52	0.00	45.00	16.11	32.60	29.79	9.49	-5.10

Aerosol bext	SEQUI	36.489	-118.829	-1.02	0.00	51.64	32.24	44.41	41.43	8.64	-2.46
Aerosol bext	SHEN1	38.523	-78.435	-3.17	0.00	75.58	15.41	50.85	43.91	19.15	-7.21
Aerosol bext	SHMI1	37.304	-107.484	-0.27	0.00	17.38	12.32	13.82	14.19	1.85	-1.88
Aerosol bext	SHRO1	35.394	-82.774	-3.06	0.00	66.23	8.08	41.44	34.09	17.97	-8.98
Aerosol bext	SIAN1	34.091	-110.942	-0.56	0.02	22.68	12.01	18.21	18.19	3.96	-3.09
Aerosol bext	SIME1	55.326	-160.506	-0.15	0.27	27.63	24.74	26.42	26.03	2.91	-0.58
Aerosol bext	SIPS1	34.343	-87.339	-3.52	0.00	94.27	27.34	62.93	59.05	22.06	-5.97
Aerosol bext	SNPA1	47.422	-121.426	-0.63	0.00	27.14	15.14	20.32	20.82	4.31	-3.03
Aerosol bext	STAR1	45.225	-118.513	-0.64	0.00	25.16	12.94	20.38	18.72	5.30	-3.44
Aerosol bext	SULA1	45.86	-114	-0.31	0.18	16.73	10.85	17.85	13.79	10.39	-2.24
Aerosol bext	SWAN1	35.451	-76.207	-2.07	0.00	68.64	29.23	46.84	45.82	13.68	-4.53
Aerosol bext	SYCA1	35.141	-111.969	-0.35	0.03	25.25	18.69	22.32	22.49	2.54	-1.54
Aerosol bext	TALL1	38.434	-96.56	-1.81	0.00	66.17	31.77	48.61	46.26	10.41	-3.91
Aerosol bext	THBA1	44.663	-105.287	-0.29	0.15	22.70	17.25	19.04	19.25	2.99	-1.49
Aerosol bext	THRO1	46.895	-103.378	-0.37	0.00	29.98	23.03	25.63	26.32	3.15	-1.39
Aerosol bext	THSI1	44.291	-122.043	-0.14	0.46	19.16	16.45	18.62	17.73	6.39	-0.80
Aerosol bext	TONT1	33.655	-111.107	-0.35	0.00	21.39	14.77	18.38	17.90	2.60	-1.95
Aerosol bext	TRCR1	62.315	-150.316	-0.17	0.04	10.99	7.74	10.14	9.19	2.43	-1.86
Aerosol bext	TRIN1	40.786	-122.805	-0.43	0.21	22.15	14.02	22.91	18.51	14.79	-2.31
Aerosol bext	ULBE1	47.582	-108.72	-0.13	0.13	18.21	15.75	17.48	16.92	2.83	-0.76
Aerosol bext	UPBU1	35.826	-93.203	-2.32	0.00	73.19	29.14	50.92	50.01	14.20	-4.64
Aerosol bext	VIIS1	18.336	-64.796	0.07	0.70	32.04	33.29	32.94	32.73	2.40	0.20
Aerosol bext	VILA1	40.969	-95.045	-2.21	0.00	78.97	37.03	54.59	54.69	12.37	-4.04
Aerosol bext	VOYA2	48.413	-92.829	-0.71	0.00	29.19	15.64	23.81	22.06	4.53	-3.23
Aerosol bext	WEMI1	37.659	-107.8	-0.30	0.00	14.47	8.77	11.33	11.47	2.12	-2.61
Aerosol bext	WHIT1	33.469	-105.535	-0.30	0.02	19.76	14.03	16.89	16.59	3.16	-1.81
Aerosol bext	WHPA1	46.624	-121.388	-0.10	0.60	13.55	11.67	12.79	12.56	4.44	-0.79
Aerosol bext	WHPE1	36.585	-105.452	-0.30	0.00	13.37	7.61	10.35	10.19	1.92	-2.98
Aerosol bext	WHRI1	39.154	-106.821	-0.22	0.00	11.20	6.99	9.24	8.99	1.68	-2.46
Aerosol bext	WICA1	43.558	-103.484	-0.32	0.00	22.82	16.65	19.29	19.74	2.95	-1.65
Aerosol bext	WIMO1	34.732	-98.713	-1.27	0.00	54.65	30.47	42.53	41.92	8.18	-3.04
Aerosol bext	YELL2	44.565	-110.4	-0.23	0.03	15.44	11.08	13.03	13.14	2.69	-1.74
Aerosol bext	YOSE1	37.713	-119.706	-0.38	0.28	25.51	18.35	25.30	21.74	12.00	-1.73
Aerosol bext	ZICA1	37.198	-113.151	-0.38	0.00	16.97	9.72	13.81	12.77	2.56	-2.99
Total bext	ACAD1	44.377	-68.261	-1.44	0.00	53.80	26.44	40.95	39.40	8.54	-3.65
Total bext	AGTI1	33.464	-116.971	-1.79	0.00	61.90	27.82	49.43	44.86	11.00	-4.00
Total bext	BADL1	43.743	-101.941	-0.47	0.00	37.52	28.66	33.07	32.85	3.38	-1.42

Total bext	BALD1	34.058	-109.441	-0.32	0.00	24.56	18.57	22.32	21.41	4.23	-1.47
Total bext	BAND1	35.78	-106.266	-0.34	0.00	27.29	20.79	23.52	23.87	2.62	-1.43
Total bext	BIBE1	29.303	-103.178	-0.43	0.00	38.00	29.92	33.37	33.75	3.20	-1.26
Total bext	BLIS1	38.976	-120.103	-0.06	0.79	24.44	23.22	24.79	23.83	3.33	-0.27
Total bext	BOAP1	33.869	-106.852	-0.32	0.00	30.39	24.37	27.72	27.22	3.05	-1.16
Total bext	BOND1	40.052	-88.373	-3.21	0.00	118.98	57.94	84.92	86.85	19.61	-3.70
Total bext	BOWA1	47.947	-91.495	-0.82	0.00	44.60	29.05	35.80	36.41	5.67	-2.25
Total bext	BRCA1	37.618	-112.174	-0.36	0.00	24.68	17.76	21.83	21.04	3.47	-1.73
Total bext	BRID1	42.975	-109.758	-0.14	0.25	21.43	18.70	20.42	19.99	2.39	-0.72
Total bext	BRIG1	39.465	-74.449	-3.02	0.00	100.17	42.75	71.18	68.44	18.39	-4.42
Total bext	BRMA1	44.107	-70.729	-1.87	0.00	57.72	22.13	44.04	42.73	8.55	-4.38
Total bext	CABA1	43.833	-70.064	-1.69	0.00	62.59	30.42	47.33	45.66	9.92	-3.71
Total bext	CABI1	47.955	-115.671	-0.23	0.28	28.24	23.78	26.91	25.89	4.75	-0.91
Total bext	CACO1	41.976	-70.024	-1.96	0.00	68.26	31.09	52.07	48.70	11.63	-4.02
Total bext	CACR1	34.454	-94.143	-2.25	0.00	84.82	41.98	62.93	62.27	13.93	-3.62
Total bext	CANY1	38.459	-109.821	-0.24	0.00	23.64	19.06	21.19	21.23	1.83	-1.14
Total bext	CAPI1	38.302	-111.293	-0.22	0.00	23.53	19.38	21.28	21.23	1.70	-1.03
Total bext	CEBL1	38.77	-99.763	-0.99	0.00	56.01	37.29	45.92	45.17	6.22	-2.18
Total bext	CHAS1	28.748	-82.555	-2.12	0.00	85.07	44.83	65.29	61.78	14.34	-3.43
Total bext	CHIR1	32.009	-109.389	-0.23	0.01	27.20	22.88	25.10	24.93	2.44	-0.91
Total bext	COHU1	34.785	-84.627	-3.64	0.00	100.78	31.67	67.19	62.59	21.94	-5.81
Total bext	CORI1	45.664	-121.001	-0.62	0.05	59.88	48.03	54.80	53.65	6.27	-1.16
Total bext	CRLA1	42.896	-122.136	-0.13	0.57	23.42	21.02	25.53	22.09	7.95	-0.57
Total bext	CRMO1	43.46	-113.555	-0.20	0.13	27.92	24.05	26.21	25.88	3.44	-0.79
Total bext	DENA1	63.723	-148.967	-0.16	0.07	20.72	17.62	20.86	19.09	4.51	-0.86
Total bext	DOME1	35.728	-118.138	-0.44	0.02	43.59	35.18	39.30	38.94	4.83	-1.14
Total bext	DOSO1	39.105	-79.426	-3.04	0.00	89.20	31.38	60.56	58.77	18.87	-5.18
Total bext	EGBE1	44.231	-79.783	-1.58	0.00	76.53	46.55	58.32	56.80	8.33	-2.78
Total bext	EVER1	25.391	-80.681	-0.86	0.00	56.78	40.35	53.22	48.14	14.21	-1.80
Total bext	FLAT1	47.773	-114.269	-0.26	0.16	28.93	24.07	27.44	26.11	4.80	-0.98
Total bext	FOPE1	48.308	-105.102	-0.21	0.22	38.79	34.83	35.93	36.50	3.71	-0.57
Total bext	FRRE1	39.706	-79.012	-3.66	0.00	102.36	32.91	65.17	60.33	19.62	-6.06
Total bext	GAMO1	46.826	-111.711	-0.18	0.09	21.80	18.42	20.81	20.11	3.20	-0.88
Total bext	GICL1	33.22	-108.235	-0.25	0.03	25.35	20.58	23.52	22.84	3.30	-1.10
Total bext	GLAC1	48.511	-113.997	-0.51	0.02	43.21	33.56	37.78	38.13	5.77	-1.33
Total bext	GRBA1	39.005	-114.216	-0.19	0.00	21.35	17.80	19.92	19.48	1.56	-0.96
Total bext	GRCA2	36.066	-112.154	-0.31	0.00	24.01	18.07	22.37	21.19	6.86	-1.48

Total bext	GRGU1	44.308	-71.218	-1.37	0.00	49.39	23.35	36.78	35.68	8.68	-3.84
Total bext	GRR11	43.937	-91.405	-2.21	0.00	82.54	40.48	60.06	58.19	11.80	-3.80
Total bext	GRSA1	37.725	-105.519	-0.31	0.00	26.64	20.66	23.16	23.49	2.40	-1.34
Total bext	GRSM1	35.633	-83.942	-3.84	0.00	101.49	28.48	68.56	63.06	23.75	-6.09
Total bext	GUMO1	31.833	-104.809	-0.35	0.02	35.23	28.68	31.88	31.78	3.43	-1.09
Total bext	HAVO1	19.431	-155.258	-0.22	0.55	40.16	35.89	39.22	37.91	8.27	-0.59
Total bext	HECA1	44.97	-116.844	-0.42	0.03	35.41	27.44	31.41	31.22	4.16	-1.35
Total bext	HEGL1	36.614	-92.922	-2.39	0.00	86.78	41.45	63.83	62.92	14.34	-3.79
Total bext	HOOV1	38.088	-119.177	-0.05	0.68	21.36	20.32	21.65	20.79	2.80	-0.26
Total bext	IKBA1	34.34	-111.683	-0.34	0.00	30.10	23.70	26.29	26.73	2.58	-1.26
Total bext	ISLE1	47.46	-88.149	-1.07	0.00	47.45	27.15	38.40	36.77	6.36	-2.91
Total bext	JARB1	41.893	-115.426	-0.10	0.28	23.46	21.63	22.95	22.50	2.41	-0.43
Total bext	JARI1	37.627	-79.512	-3.49	0.00	99.85	33.59	68.55	64.98	21.22	-5.37
Total bext	JOSH1	34.07	-116.389	-0.93	0.00	40.48	22.82	34.55	31.18	5.76	-2.98
Total bext	KAIS1	37.221	-119.155	-0.13	0.52	28.44	26.03	28.43	27.11	4.57	-0.47
Total bext	KALM1	42.552	-124.059	-0.20	0.13	33.73	29.95	33.09	31.74	6.01	-0.63
Total bext	LABE1	41.712	-121.507	-0.06	0.65	26.71	25.66	27.86	26.16	7.03	-0.21
Total bext	LASU2	40.693	-92.006	-2.57	0.00	92.71	43.94	66.95	61.91	13.37	-4.15
Total bext	LAVO1	40.54	-121.577	-0.13	0.46	26.88	24.41	30.46	25.58	10.31	-0.51
Total bext	LIGO1	35.972	-81.933	-3.34	0.00	91.65	28.19	63.43	56.58	22.40	-5.90
Total bext	LOST1	48.642	-102.402	-0.37	0.01	46.61	39.49	42.88	42.87	3.50	-0.87
Total bext	MACA1	37.132	-86.148	-4.18	0.00	125.12	45.73	84.61	83.34	25.92	-5.01
Total bext	MAVI1	41.331	-70.785	-1.77	0.00	72.46	38.87	55.62	53.01	10.24	-3.33
Total bext	MEAD1	36.019	-114.068	-0.36	0.00	27.78	20.92	23.64	23.81	2.07	-1.52
Total bext	MELA1	48.487	-104.476	-0.11	0.25	39.73	37.56	37.70	38.59	2.71	-0.30
Total bext	MEVE1	37.198	-108.491	-0.38	0.00	25.77	18.48	21.96	21.93	3.35	-1.75
Total bext	MING1	36.972	-90.143	-2.95	0.00	103.41	47.27	72.58	69.43	18.50	-4.26
Total bext	MOHO1	45.289	-121.784	-0.25	0.12	26.84	22.06	24.38	24.32	2.79	-1.04
Total bext	MOMO1	41.821	-73.297	-2.29	0.00	68.70	25.10	49.19	43.45	13.71	-5.28
Total bext	MONT1	47.122	-113.154	-0.17	0.47	29.07	25.85	29.14	27.46	6.18	-0.62
Total bext	MOOS1	45.126	-67.266	-1.32	0.00	49.52	24.49	38.30	36.35	7.71	-3.62
Total bext	MORA1	46.758	-122.124	-0.68	0.00	38.36	25.37	31.90	31.52	4.34	-2.17
Total bext	MOZI1	40.538	-106.677	-0.26	0.01	21.76	16.87	18.93	19.19	2.08	-1.34
Total bext	NEBR1	41.889	-100.339	-0.75	0.00	46.20	32.03	38.04	37.63	4.56	-1.98
Total bext	NOAB1	44.745	-109.382	-0.19	0.01	21.56	17.92	20.08	19.84	2.03	-0.97
Total bext	NOCA1	48.732	-121.065	-0.30	0.04	27.79	22.05	27.19	24.77	6.55	-1.22
Total bext	NOCH1	45.65	-106.557	-0.19	0.19	28.59	24.92	27.31	26.47	5.71	-0.73

Total bext	OKEF1	30.74	-82.128	-2.54	0.00	91.63	43.41	67.77	66.25	16.19	-3.83
Total bext	OLYM1	48.007	-122.973	-0.64	0.00	37.78	25.67	30.09	31.08	3.71	-2.05
Total bext	ORPI1	31.951	-112.802	-0.33	0.00	32.31	26.07	29.00	28.70	2.10	-1.14
Total bext	PASA1	48.388	-119.927	-0.25	0.38	27.42	22.63	27.26	24.90	6.81	-1.01
Total bext	PEFO1	35.078	-109.769	-0.53	0.00	30.05	19.94	25.03	24.73	4.02	-2.15
Total bext	PENO1	44.948	-68.648	-1.21	0.00	56.38	33.31	41.93	41.20	5.56	-2.95
Total bext	PINN1	36.483	-121.157	-0.54	0.00	43.84	33.66	38.66	38.48	3.96	-1.39
Total bext	PMRF1	44.528	-72.869	-1.74	0.00	56.90	23.84	42.64	39.50	10.67	-4.41
Total bext	PORE1	38.122	-122.909	-0.87	0.00	61.21	44.69	52.25	52.52	7.17	-1.66
Total bext	PRIS1	46.696	-68.033	-1.38	0.00	53.34	27.14	41.97	39.55	7.87	-3.49
Total bext	QUCI1	39.943	-81.338	-3.62	0.00	110.92	42.11	78.43	74.71	22.17	-4.85
Total bext	QURE1	42.299	-72.335	-2.44	0.00	70.03	23.71	52.24	50.53	11.29	-4.83
Total bext	QUVA1	33.294	-111.286	-0.48	0.00	36.86	27.64	33.06	32.98	3.20	-1.47
Total bext	RAFA1	34.734	-120.007	-0.72	0.00	43.14	29.45	38.98	35.93	6.12	-2.01
Total bext	REDW1	41.561	-124.084	-0.25	0.15	39.86	35.10	38.18	37.36	5.28	-0.67
Total bext	ROMA1	32.941	-79.657	-2.52	0.00	93.47	45.56	68.22	68.26	16.15	-3.69
Total bext	ROMO1	40.278	-105.546	-0.38	0.00	26.71	19.58	22.98	22.96	2.68	-1.64
Total bext	SACR1	33.46	-104.404	-0.32	0.04	41.48	35.46	38.63	38.31	3.25	-0.83
Total bext	SAGA1	34.297	-118.028	-0.82	0.00	42.71	27.06	34.56	34.06	6.36	-2.42
Total bext	SAGO1	34.194	-116.913	-1.38	0.00	47.13	20.94	39.00	33.34	8.42	-4.13
Total bext	SAGU1	32.175	-110.737	-0.43	0.00	32.74	24.50	29.34	28.40	2.92	-1.53
Total bext	SAMA1	30.093	-84.161	-2.38	0.00	88.50	43.19	66.01	63.46	15.04	-3.76
Total bext	SAPE1	36.014	-106.845	-0.27	0.00	21.88	16.76	19.18	19.19	1.96	-1.40
Total bext	SAWE1	32.249	-111.218	-0.52	0.00	38.72	28.91	33.22	33.30	3.28	-1.55
Total bext	SAWT1	44.171	-114.927	-0.23	0.42	28.31	23.87	27.56	25.97	5.83	-0.90
Total bext	SENE1	46.289	-85.95	-1.52	0.00	57.00	28.11	44.60	41.79	9.49	-3.64
Total bext	SEQU1	36.489	-118.829	-1.02	0.00	62.64	43.24	55.41	52.43	8.64	-1.95
Total bext	SHEN1	38.523	-78.435	-3.17	0.00	85.58	25.41	60.85	53.91	19.15	-5.87
Total bext	SHMI1	37.304	-107.484	-0.27	0.00	26.38	21.32	22.82	23.19	1.85	-1.15
Total bext	SHRO1	35.394	-82.774	-3.06	0.00	76.23	18.08	51.44	44.09	17.97	-6.94
Total bext	SIAN1	34.091	-110.942	-0.56	0.02	32.68	22.01	28.21	28.19	3.96	-1.99
Total bext	SIME1	55.326	-160.506	-0.15	0.27	39.63	36.74	38.42	38.03	2.91	-0.40
Total bext	SIPS1	34.343	-87.339	-3.52	0.00	105.27	38.34	73.93	70.05	22.06	-5.03
Total bext	SNPA1	47.422	-121.426	-0.63	0.00	38.14	26.14	31.32	31.82	4.31	-1.98
Total bext	STAR1	45.225	-118.513	-0.64	0.00	35.16	22.94	30.38	28.72	5.30	-2.24
Total bext	SULA1	45.86	-114	-0.31	0.18	26.73	20.85	27.85	23.79	10.39	-1.30
Total bext	SWAN1	35.451	-76.207	-2.07	0.00	80.64	41.23	58.84	57.82	13.68	-3.59

Total bext	SYCA1	35.141	-111.969	-0.35	0.03	34.25	27.69	31.32	31.49	2.54	-1.10
Total bext	TALL1	38.434	-96.56	-1.81	0.00	77.17	42.77	59.61	57.26	10.41	-3.16
Total bext	THBA1	44.663	-105.287	-0.29	0.15	32.70	27.25	29.04	29.25	2.99	-0.98
Total bext	THRO1	46.895	-103.378	-0.37	0.00	40.98	34.03	36.63	37.32	3.15	-0.98
Total bext	THSI1	44.291	-122.043	-0.14	0.46	30.16	27.45	29.62	28.73	6.39	-0.50
Total bext	TONT1	33.655	-111.107	-0.35	0.00	31.39	24.77	28.38	27.90	2.60	-1.25
Total bext	TRCR1	62.315	-150.316	-0.17	0.04	22.99	19.74	22.14	21.19	2.43	-0.81
Total bext	TRIN1	40.786	-122.805	-0.43	0.21	32.15	24.02	32.91	28.51	14.79	-1.50
Total bext	ULBE1	47.582	-108.72	-0.13	0.13	29.21	26.75	28.48	27.92	2.83	-0.46
Total bext	UPBU1	35.826	-93.203	-2.32	0.00	84.19	40.14	61.92	61.01	14.20	-3.80
Total bext	VIIS1	18.336	-64.796	0.07	0.70	43.04	44.29	43.94	43.73	2.40	0.15
Total bext	VILA1	40.969	-95.045	-2.21	0.00	89.97	48.03	65.59	65.69	12.37	-3.36
Total bext	VOYA2	48.413	-92.829	-0.71	0.00	41.19	27.64	35.81	34.06	4.53	-2.09
Total bext	WEMI1	37.659	-107.8	-0.30	0.00	23.47	17.77	20.33	20.47	2.12	-1.47
Total bext	WHIT1	33.469	-105.535	-0.30	0.02	28.76	23.03	25.89	25.59	3.16	-1.18
Total bext	WHPA1	46.624	-121.388	-0.10	0.60	23.55	21.67	22.79	22.56	4.44	-0.44
Total bext	WHPE1	36.585	-105.452	-0.30	0.00	21.37	15.61	18.35	18.19	1.92	-1.67
Total bext	WHRI1	39.154	-106.821	-0.22	0.00	19.20	14.99	17.24	16.99	1.68	-1.30
Total bext	WICA1	43.558	-103.484	-0.32	0.00	32.82	26.65	29.29	29.74	2.95	-1.09
Total bext	WIMO1	34.732	-98.713	-1.27	0.00	65.65	41.47	53.53	52.92	8.18	-2.40
Total bext	YELL2	44.565	-110.4	-0.23	0.03	24.44	20.08	22.03	22.14	2.69	-1.04
Total bext	YOSE1	37.713	-119.706	-0.38	0.28	35.51	28.35	35.30	31.74	12.00	-1.19
Total bext	ZICA1	37.198	-113.151	-0.38	0.00	26.97	19.72	23.81	22.77	2.56	-1.68
dv	ACAD1	44.377	-68.261	-0.34	0.00	16.72	10.32	13.67	13.35	2.00	-2.52
dv	AGTI1	33.464	-116.971	-0.37	0.00	18.05	11.10	15.37	14.57	2.19	-2.51
dv	BADL1	43.743	-101.941	-0.15	0.00	13.00	10.15	11.68	11.50	0.99	-1.30
dv	BALD1	34.058	-109.441	-0.15	0.00	8.96	6.16	7.54	7.49	1.32	-1.97
dv	BAND1	35.78	-106.266	-0.15	0.00	10.07	7.20	8.31	8.56	1.04	-1.76
dv	BIBE1	29.303	-103.178	-0.13	0.00	13.22	10.75	11.78	11.92	0.93	-1.09
dv	BLIS1	38.976	-120.103	-0.05	0.34	8.72	7.69	8.33	8.20	0.91	-0.66
dv	BOAP1	33.869	-106.852	-0.12	0.00	11.13	8.78	9.96	9.89	1.02	-1.25
dv	BOND1	40.052	-88.373	-0.38	0.00	24.92	17.73	20.87	21.14	2.35	-1.79
dv	BOWA1	47.947	-91.495	-0.24	0.00	14.98	10.35	12.32	12.54	1.51	-1.94
dv	BRCA1	37.618	-112.174	-0.17	0.00	8.53	5.38	7.22	6.87	1.17	-2.41
dv	BRID1	42.975	-109.758	-0.09	0.03	7.55	5.85	6.54	6.65	0.90	-1.35
dv	BRIG1	39.465	-74.449	-0.44	0.00	23.68	15.30	19.08	19.05	2.52	-2.32
dv	BRMA1	44.107	-70.729	-0.40	0.00	17.53	9.97	14.35	14.35	1.83	-2.77

dv	CABA1	43.833	-70.064	-0.33	0.00	18.24	11.89	15.09	14.90	1.96	-2.24
dv	CABII	47.955	-115.671	-0.10	0.04	10.11	8.27	9.01	9.14	0.95	-1.06
dv	CACO1	41.976	-70.024	-0.35	0.00	19.20	12.46	16.03	15.65	2.07	-2.27
dv	CACR1	34.454	-94.143	-0.36	0.00	21.64	14.77	17.90	18.02	2.18	-2.00
dv	CANY1	38.459	-109.821	-0.13	0.00	8.69	6.26	7.29	7.41	0.85	-1.72
dv	CAPI1	38.302	-111.293	-0.11	0.00	8.38	6.37	7.32	7.27	0.75	-1.46
dv	CEBL1	38.77	-99.763	-0.21	0.00	17.21	13.22	14.99	14.90	1.34	-1.41
dv	CHAS1	28.748	-82.555	-0.32	0.00	21.45	15.31	18.44	17.90	2.05	-1.81
dv	CHIR1	32.009	-109.389	-0.10	0.02	9.89	7.91	8.92	8.84	0.86	-1.18
dv	COHU1	34.785	-84.627	-0.53	0.00	23.52	13.46	18.16	17.96	3.07	-2.95
dv	CORI1	45.664	-121.001	-0.10	0.03	17.27	15.36	16.43	16.27	1.02	-0.62
dv	CRLA1	42.896	-122.136	-0.08	0.27	8.20	6.62	7.76	7.33	1.28	-1.14
dv	CRMO1	43.46	-113.555	-0.12	0.01	10.41	8.07	9.01	9.18	0.97	-1.34
dv	DENA1	63.723	-148.967	-0.09	0.03	7.23	5.50	6.50	6.32	1.07	-1.45
dv	DOME1	35.728	-118.138	-0.11	0.01	13.99	11.91	12.92	12.84	1.07	-0.86
dv	DOSO1	39.105	-79.426	-0.52	0.00	22.38	12.42	17.05	17.14	2.96	-3.06
dv	EGBE1	44.231	-79.783	-0.28	0.00	20.66	15.25	17.26	17.10	1.42	-1.67
dv	EVER1	25.391	-80.681	-0.18	0.00	17.38	13.93	15.95	15.57	1.40	-1.17
dv	FLAT1	47.773	-114.269	-0.12	0.02	10.17	7.86	9.11	8.83	1.07	-1.37
dv	FOPE1	48.308	-105.102	-0.06	0.16	13.30	12.07	12.41	12.58	0.89	-0.51
dv	FRRE1	39.706	-79.012	-0.55	0.00	23.95	13.54	18.03	17.65	2.66	-3.11
dv	GAMO1	46.826	-111.711	-0.11	0.01	7.47	5.37	6.47	6.42	0.89	-1.72
dv	GICL1	33.22	-108.235	-0.11	0.00	8.99	6.91	7.80	7.90	0.87	-1.39
dv	GLAC1	48.511	-113.997	-0.16	0.00	14.18	11.21	12.69	12.62	1.32	-1.24
dv	GRBA1	39.005	-114.216	-0.10	0.00	7.46	5.52	6.56	6.44	0.73	-1.58
dv	GRCA2	36.066	-112.154	-0.15	0.00	8.34	5.54	7.17	7.02	1.41	-2.10
dv	GRGU1	44.308	-71.218	-0.38	0.00	16.14	8.91	12.41	12.34	2.22	-3.08
dv	GRR11	43.937	-91.405	-0.38	0.00	21.31	14.19	17.39	17.19	1.96	-2.18
dv	GRSA1	37.725	-105.519	-0.14	0.00	9.81	7.13	8.13	8.40	0.97	-1.67
dv	GRSM1	35.633	-83.942	-0.57	0.00	23.72	12.89	18.21	18.02	3.31	-3.16
dv	GUMO1	31.833	-104.809	-0.11	0.01	12.47	10.42	11.32	11.39	1.05	-0.95
dv	HAVO1	19.431	-155.258	-0.07	0.25	13.46	12.16	12.52	12.78	1.77	-0.54
dv	HECA1	44.97	-116.844	-0.16	0.00	12.24	9.20	10.75	10.64	1.15	-1.50
dv	HEGL1	36.614	-92.922	-0.37	0.00	22.00	14.92	18.11	18.27	2.23	-2.04
dv	HOOV1	38.088	-119.177	-0.04	0.31	7.14	6.38	6.93	6.72	0.84	-0.60
dv	IKBA1	34.34	-111.683	-0.13	0.00	10.89	8.45	9.44	9.61	0.94	-1.34
dv	ISLE1	47.46	-88.149	-0.27	0.00	15.51	10.32	13.07	12.78	1.62	-2.14

dv	JARB1	41.893	-115.426	-0.07	0.05	8.20	6.96	7.63	7.55	0.70	-0.87
dv	JARI1	37.627	-79.512	-0.51	0.00	23.53	13.78	18.54	18.40	2.99	-2.79
dv	JOSH1	34.07	-116.389	-0.27	0.00	13.63	8.52	11.96	10.94	1.62	-2.46
dv	KAIS1	37.221	-119.155	-0.06	0.27	9.82	8.75	9.28	9.23	1.10	-0.61
dv	KALM1	42.552	-124.059	-0.07	0.10	12.10	10.82	11.34	11.42	0.97	-0.59
dv	LABE1	41.712	-121.507	-0.07	0.09	9.94	8.56	9.04	9.21	1.04	-0.79
dv	LASU2	40.693	-92.006	-0.37	0.00	22.40	15.41	18.54	17.98	1.84	-2.04
dv	LAVO1	40.54	-121.577	-0.07	0.10	9.61	8.27	9.18	8.90	1.64	-0.79
dv	LIGO1	35.972	-81.933	-0.52	0.00	22.42	12.45	17.32	16.91	3.29	-3.10
dv	LOST1	48.642	-102.402	-0.10	0.01	15.33	13.46	14.32	14.34	0.81	-0.69
dv	MACA1	37.132	-86.148	-0.51	0.00	26.02	16.30	20.57	20.90	3.01	-2.45
dv	MAVI1	41.331	-70.785	-0.31	0.00	19.93	14.01	16.78	16.50	1.66	-1.89
dv	MEAD1	36.019	-114.068	-0.15	0.00	10.14	7.23	8.31	8.46	0.86	-1.81
dv	MELA1	48.487	-104.476	-0.05	0.07	13.81	12.78	12.96	13.27	0.67	-0.41
dv	MEVE1	37.198	-108.491	-0.18	0.00	9.45	6.02	7.56	7.65	1.36	-2.36
dv	MING1	36.972	-90.143	-0.40	0.00	23.76	16.09	19.38	19.12	2.37	-2.11
dv	MOHO1	45.289	-121.784	-0.11	0.00	9.39	7.26	8.29	8.27	0.99	-1.35
dv	MOMO1	41.821	-73.297	-0.45	0.00	19.36	10.83	15.24	14.42	2.56	-3.11
dv	MONT1	47.122	-113.154	-0.07	0.18	10.24	8.83	9.43	9.54	1.17	-0.78
dv	MOOS1	45.126	-67.266	-0.33	0.00	15.98	9.76	13.07	12.70	1.93	-2.57
dv	MORA1	46.758	-122.124	-0.21	0.00	13.08	9.17	11.04	11.02	1.30	-1.87
dv	MOZI1	40.538	-106.677	-0.15	0.00	7.57	4.70	5.91	6.06	1.00	-2.49
dv	NEBR1	41.889	-100.339	-0.20	0.00	15.28	11.45	13.06	12.96	1.22	-1.55
dv	NOAB1	44.745	-109.382	-0.13	0.00	7.63	5.18	6.44	6.47	0.91	-1.99
dv	NOCA1	48.732	-121.065	-0.14	0.01	10.15	7.56	8.93	8.79	1.32	-1.55
dv	NOCH1	45.65	-106.557	-0.09	0.06	9.86	8.23	9.17	8.91	1.11	-0.96
dv	OKEF1	30.74	-82.128	-0.39	0.00	22.70	15.27	18.63	18.79	2.30	-2.08
dv	OLYM1	48.007	-122.973	-0.21	0.00	12.58	8.50	10.65	10.33	1.23	-2.08
dv	ORPI1	31.951	-112.802	-0.11	0.00	11.68	9.55	10.51	10.44	0.69	-1.07
dv	PASA1	48.388	-119.927	-0.13	0.06	9.74	7.21	8.57	8.41	1.34	-1.59
dv	PEFO1	35.078	-109.769	-0.19	0.00	10.78	7.19	8.77	8.89	1.25	-2.13
dv	PENO1	44.948	-68.648	-0.30	0.00	17.72	12.10	14.07	14.02	1.31	-2.11
dv	PINN1	36.483	-121.157	-0.14	0.00	14.72	12.07	13.31	13.32	1.00	-1.04
dv	PMRF1	44.528	-72.869	-0.40	0.00	17.50	9.89	13.94	13.50	2.34	-2.97
dv	PORE1	38.122	-122.909	-0.17	0.00	18.05	14.82	16.18	16.35	1.22	-1.04
dv	PRIS1	46.696	-68.033	-0.32	0.00	16.84	10.77	14.04	13.65	1.80	-2.34
dv	QUCI1	39.943	-81.338	-0.46	0.00	24.35	15.69	19.91	19.80	2.72	-2.30

dv	QURE1	42.299	-72.335	-0.45	0.00	19.47	10.87	16.02	15.85	2.09	-2.86
dv	QUVA1	33.294	-111.286	-0.15	0.00	12.95	10.09	11.82	11.74	0.94	-1.28
dv	RAFA1	34.734	-120.007	-0.20	0.00	14.11	10.33	12.86	12.12	1.39	-1.64
dv	REDW1	41.561	-124.084	-0.07	0.09	13.51	12.26	12.86	12.86	0.93	-0.51
dv	ROMA1	32.941	-79.657	-0.42	0.00	23.07	15.16	18.80	18.91	2.35	-2.20
dv	ROMO1	40.278	-105.546	-0.16	0.00	9.32	6.20	7.78	7.68	1.09	-2.14
dv	SACR1	33.46	-104.404	-0.09	0.03	14.27	12.57	13.33	13.37	0.83	-0.67
dv	SAGA1	34.297	-118.028	-0.26	0.00	14.12	9.10	11.74	11.35	1.82	-2.33
dv	SAGO1	34.194	-116.913	-0.34	0.00	14.82	8.40	12.75	11.44	2.04	-2.95
dv	SAGU1	32.175	-110.737	-0.15	0.00	11.89	9.07	10.62	10.41	0.97	-1.43
dv	SAMA1	30.093	-84.161	-0.36	0.00	22.12	15.25	18.46	18.32	2.24	-1.97
dv	SAPE1	36.014	-106.845	-0.14	0.00	7.75	5.09	6.11	6.35	0.95	-2.20
dv	SAWE1	32.249	-111.218	-0.15	0.00	13.54	10.66	11.88	11.95	0.95	-1.27
dv	SAWT1	44.171	-114.927	-0.11	0.05	9.95	7.77	8.82	8.80	1.27	-1.30
dv	SENE1	46.289	-85.95	-0.34	0.00	17.33	10.94	14.42	13.97	2.06	-2.41
dv	SEQU1	36.489	-118.829	-0.22	0.00	18.19	14.08	16.55	16.03	1.54	-1.35
dv	SHEN1	38.523	-78.435	-0.51	0.00	21.36	11.75	17.10	16.30	2.91	-3.10
dv	SHMI1	37.304	-107.484	-0.12	0.00	9.60	7.33	7.93	8.17	0.78	-1.46
dv	SHRO1	35.394	-82.774	-0.50	0.00	19.48	9.97	14.96	14.22	2.93	-3.52
dv	SIAN1	34.091	-110.942	-0.22	0.00	11.98	7.73	9.98	10.19	1.24	-2.19
dv	SIME1	55.326	-160.506	-0.04	0.34	13.67	12.97	13.28	13.28	0.73	-0.28
dv	SIPS1	34.343	-87.339	-0.47	0.00	24.13	15.14	19.35	19.40	2.88	-2.44
dv	SNPA1	47.422	-121.426	-0.20	0.00	12.60	8.72	10.88	10.55	1.28	-1.94
dv	STAR1	45.225	-118.513	-0.21	0.00	12.28	8.28	10.42	10.17	1.50	-2.07
dv	SULA1	45.86	-114	-0.13	0.01	8.97	6.44	8.15	7.70	1.58	-1.73
dv	SWAN1	35.451	-76.207	-0.36	0.00	21.36	14.55	17.30	17.42	2.23	-2.06
dv	SYCA1	35.141	-111.969	-0.11	0.03	12.14	9.98	11.03	11.23	0.76	-1.01
dv	TALL1	38.434	-96.56	-0.31	0.00	20.64	14.82	17.44	17.27	1.67	-1.77
dv	THBA1	44.663	-105.287	-0.12	0.04	11.63	9.44	10.28	10.25	0.95	-1.13
dv	THRO1	46.895	-103.378	-0.11	0.00	14.19	12.04	12.72	13.06	0.89	-0.87
dv	THSI1	44.291	-122.043	-0.07	0.05	10.42	9.05	9.76	9.70	0.88	-0.74
dv	TONT1	33.655	-111.107	-0.12	0.00	11.28	8.99	10.22	10.08	0.89	-1.19
dv	TRCR1	62.315	-150.316	-0.07	0.03	8.09	6.79	7.55	7.37	0.73	-0.93
dv	TRIN1	40.786	-122.805	-0.15	0.06	11.01	8.21	10.02	9.75	1.80	-1.51
dv	ULBE1	47.582	-108.72	-0.06	0.01	10.60	9.42	10.03	9.98	0.78	-0.62
dv	UPBU1	35.826	-93.203	-0.38	0.00	21.77	14.61	17.76	18.00	2.25	-2.10
dv	VIIS1	18.336	-64.796	0.02	0.70	14.43	14.75	14.59	14.60	0.52	0.12

dv	VILA1	40.969	-95.045	-0.35	0.00	22.38	15.81	18.39	18.58	1.84	-1.86
dv	VOYA2	48.413	-92.829	-0.21	0.00	14.06	10.15	12.46	12.00	1.27	-1.71
dv	WEMI1	37.659	-107.8	-0.15	0.00	8.53	5.60	6.71	6.99	0.91	-2.20
dv	WHIT1	33.469	-105.535	-0.12	0.01	10.35	8.02	9.13	9.06	1.10	-1.35
dv	WHPA1	46.624	-121.388	-0.06	0.17	8.27	7.07	7.31	7.64	0.99	-0.82
dv	WHPE1	36.585	-105.452	-0.16	0.00	7.36	4.27	5.72	5.65	0.99	-2.87
dv	WHRI1	39.154	-106.821	-0.13	0.00	6.36	3.81	5.04	5.02	0.90	-2.67
dv	WICA1	43.558	-103.484	-0.10	0.00	11.54	9.67	10.26	10.60	0.91	-0.93
dv	WIMO1	34.732	-98.713	-0.23	0.00	18.80	14.42	16.48	16.49	1.48	-1.40
dv	YELL2	44.565	-110.4	-0.13	0.00	8.73	6.29	7.18	7.45	1.03	-1.72
dv	YOSE1	37.713	-119.706	-0.08	0.22	11.43	9.95	10.85	10.65	1.35	-0.73
dv	ZICA1	37.198	-113.151	-0.16	0.00	9.88	6.81	8.41	8.10	0.97	-1.99

Table 7.1.2. IMPROVE long-term (1990–2019) annual mean ambient b_{ext} trends for sites that met completeness criteria (see Chapter 7). Species include ammonium sulfate (AS), ammonium nitrate (AN), particulate organic matter (POM), elemental carbon (EC), fine dust (FD), coarse mass (CM), fine b_{ext} , aerosol b_{ext} , total b_{ext} (aerosol + Rayleigh), and deciview (dv). The slope is derived from a linear trend regression, beginning and end year b_{ext} are based on the linear fit for year 1990 and 2019, the mean and median annual mean b_{ext} over the 1990-2019 period, standard deviation in the mean over the 1990-2019 period, and trend is the slope divided by the median b_{ext} times 100. Wavelength of 500nm.

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b_{ext} (Mm ⁻¹)	End Year b_{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	ACAD1	44.377	-68.261	-1.14	0.00	39.19	6.19	21.54	22.69	10.18	-5.02
AS	BADL1	43.743	-101.941	-0.26	0.00	13.48	5.90	9.78	9.69	2.54	-2.70
AS	BAND1	35.78	-106.266	-0.13	0.00	6.94	3.05	4.90	5.00	1.26	-2.68
AS	BIBE1	29.303	-103.178	-0.15	0.00	13.82	9.38	11.58	11.60	2.07	-1.32
AS	BLIS1	38.976	-120.103	-0.07	0.00	4.54	2.38	3.51	3.38	0.72	-2.20
AS	BOWA1	47.947	-91.495	-0.49	0.00	19.58	5.47	11.79	11.79	4.29	-4.13
AS	BRCA1	37.618	-112.174	-0.10	0.00	5.05	2.12	3.58	3.59	0.93	-2.82
AS	BRID1	42.975	-109.758	-0.08	0.00	4.80	2.36	3.39	3.58	0.82	-2.35
AS	BRIG1	39.465	-74.449	-2.06	0.00	74.65	14.83	37.98	42.68	17.48	-4.83
AS	CANY1	38.459	-109.821	-0.15	0.00	6.06	1.76	4.16	3.91	1.37	-3.79
AS	CHAS1	28.748	-82.555	-1.77	0.00	68.45	17.15	35.66	40.15	14.06	-4.41
AS	CHIR1	32.009	-109.389	-0.16	0.00	8.09	3.47	5.83	5.78	1.58	-2.76
AS	CORI1	45.664	-121.001	-0.38	0.00	16.93	5.99	10.99	10.71	3.13	-3.52
AS	CRLA1	42.896	-122.136	-0.06	0.00	4.95	3.07	4.00	3.98	0.79	-1.63
AS	CRMO1	43.46	-113.555	-0.08	0.00	4.65	2.35	3.17	3.30	0.70	-2.41
AS	DENA1	63.723	-148.967	-0.04	0.01	3.64	2.54	3.10	3.09	0.80	-1.23
AS	DOSO1	39.105	-79.426	-2.61	0.00	91.58	15.94	45.19	51.15	22.24	-5.10
AS	EVER1	25.391	-80.681	-0.61	0.00	28.77	11.19	19.35	17.86	5.40	-3.39
AS	GICL1	33.22	-108.235	-0.17	0.00	7.13	2.34	4.62	4.40	1.34	-3.75
AS	GEC1	48.511	-113.997	-0.22	0.00	10.26	3.84	6.92	7.05	2.05	-3.14
AS	GRBA1	39.005	-114.216	-0.05	0.00	3.62	2.07	2.72	2.77	0.51	-1.92
AS	GRCA2	36.066	-112.154	-0.12	0.00	5.66	2.24	4.02	3.89	1.05	-3.03
AS	GRSA1	37.725	-105.519	-0.11	0.00	6.01	2.70	4.28	4.35	1.07	-2.62
AS	GRSM1	35.633	-83.942	-2.49	0.00	96.32	24.08	49.25	60.20	23.23	-4.14
AS	GUMO1	31.833	-104.809	-0.15	0.00	10.93	6.46	8.72	8.69	1.90	-1.78
AS	HAVO1	19.431	-155.258	0.00	1.00	21.14	21.06	22.73	21.09	8.00	-0.01
AS	JARB1	41.893	-115.426	-0.04	0.00	3.38	2.24	2.79	2.81	0.47	-1.40
AS	LAVO1	40.54	-121.577	-0.04	0.01	4.35	3.10	3.65	3.71	0.61	-1.16
AS	LYBR1	43.148	-73.127	-0.94	0.00	37.52	10.32	24.62	26.27	6.68	-3.57
AS	MACA1	37.132	-86.148	-2.90	0.00	109.94	25.76	55.77	64.95	24.37	-4.47

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	MEVE1	37.198	-108.491	-0.15	0.00	6.84	2.56	4.65	4.70	1.37	-3.14
AS	MOOS1	45.126	-67.266	-0.89	0.00	31.72	5.78	16.27	16.52	6.85	-5.42
AS	MORA1	46.758	-122.124	-0.49	0.00	16.70	2.36	10.82	9.53	4.68	-5.19
AS	MOZI1	40.538	-106.677	-0.11	0.00	5.57	2.34	3.60	3.68	0.97	-3.03
AS	OKEF1	30.74	-82.128	-1.79	0.00	69.74	17.81	37.98	41.99	14.96	-4.26
AS	PEFO1	35.078	-109.769	-0.13	0.00	6.77	2.91	4.69	4.84	1.22	-2.75
AS	PINN1	36.483	-121.157	-0.22	0.00	11.88	5.61	8.54	8.74	2.01	-2.47
AS	PORE1	38.122	-122.909	-0.25	0.00	15.24	7.93	10.94	11.59	2.50	-2.17
AS	REDW1	41.561	-124.084	-0.20	0.00	11.86	6.04	8.76	8.95	1.96	-2.24
AS	ROMA1	32.941	-79.657	-1.91	0.00	75.59	20.20	36.92	43.12	15.29	-4.43
AS	ROMO1	40.278	-105.546	-0.12	0.00	6.27	2.83	4.22	4.49	1.09	-2.65
AS	SAGO1	34.194	-116.913	-0.19	0.00	10.03	4.44	6.83	7.04	1.82	-2.74
AS	SAGU1	32.175	-110.737	-0.16	0.00	7.83	3.30	5.12	4.94	1.34	-3.16
AS	SAWT1	44.171	-114.927	-0.04	0.00	3.27	2.05	2.47	2.55	0.45	-1.65
AS	SEQU1	36.489	-118.829	-0.20	0.00	12.93	7.22	9.58	9.88	1.92	-1.99
AS	SHEN1	38.523	-78.435	-2.28	0.00	84.92	18.66	43.64	51.79	21.04	-4.41
AS	SHRO1	35.394	-82.774	-2.51	0.00	82.04	9.26	34.72	38.12	19.02	-6.58
AS	SIPS1	34.343	-87.339	-2.69	0.00	94.75	16.75	46.51	51.72	22.85	-5.20
AS	SNPA1	47.422	-121.426	-0.35	0.00	13.87	3.64	8.20	7.87	3.17	-4.48
AS	SULA1	45.86	-114	-0.08	0.00	4.65	2.18	3.13	3.20	0.66	-2.65
AS	THSI1	44.291	-122.043	-0.15	0.00	8.19	3.87	5.63	5.73	1.24	-2.60
AS	TONT1	33.655	-111.107	-0.14	0.00	7.83	3.70	5.56	5.69	1.28	-2.50
AS	UPBU1	35.826	-93.203	-1.33	0.00	53.35	14.70	30.36	32.69	11.52	-4.08
AS	VIIS1	18.336	-64.796	-0.04	0.51	10.20	8.93	9.46	9.46	1.53	-0.46
AS	WEMI1	37.659	-107.8	-0.10	0.00	5.02	2.08	3.63	3.55	0.97	-2.85
AS	WHRI1	39.154	-106.821	-0.10	0.00	4.90	1.94	3.11	3.16	0.79	-3.23
AS	YELL2	44.565	-110.4	-0.07	0.00	4.39	2.35	3.24	3.37	0.71	-2.09
AS	YOSE1	37.713	-119.706	-0.07	0.00	5.92	3.77	4.85	4.85	0.83	-1.53
AN	ACAD1	44.377	-68.261	-0.08	0.00	4.42	2.02	3.19	3.01	0.87	-2.75
AN	BADL1	43.743	-101.941	-0.05	0.00	3.82	2.45	3.35	3.02	0.83	-1.57
AN	BAND1	35.78	-106.266	-0.02	0.01	1.51	1.03	1.24	1.23	0.26	-1.33
AN	BIBE1	29.303	-103.178	0.00	0.85	1.11	1.10	1.15	1.10	0.16	-0.03
AN	BLIS1	38.976	-120.103	-0.04	0.00	1.93	0.65	1.34	1.18	0.41	-3.74
AN	BOWA1	47.947	-91.495	-0.06	0.00	5.53	3.91	4.73	4.52	1.16	-1.24
AN	BRCA1	37.618	-112.174	-0.02	0.00	1.55	0.96	1.25	1.21	0.31	-1.68

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AN	BRID1	42.975	-109.758	-0.01	0.02	1.03	0.77	0.87	0.88	0.17	-1.00
AN	BRIG1	39.465	-74.449	-0.16	0.00	12.10	7.33	9.11	9.14	1.57	-1.80
AN	CANY1	38.459	-109.821	-0.03	0.01	1.81	1.08	1.42	1.38	0.41	-1.83
AN	CHAS1	28.748	-82.555	-0.08	0.00	5.71	3.51	4.52	4.31	0.71	-1.76
AN	CHIR1	32.009	-109.389	0.00	0.64	0.77	0.83	0.84	0.81	0.16	0.26
AN	CORI1	45.664	-121.001	-0.08	0.40	14.22	11.81	12.60	12.64	3.48	-0.66
AN	CRLA1	42.896	-122.136	-0.02	0.01	1.30	0.68	1.13	0.93	0.49	-2.30
AN	DENA1	63.723	-148.967	-0.01	0.01	0.52	0.35	0.48	0.42	0.24	-1.36
AN	DOSO1	39.105	-79.426	-0.07	0.00	5.66	3.73	4.55	4.46	0.82	-1.49
AN	GICL1	33.22	-108.235	-0.01	0.05	0.70	0.54	0.61	0.59	0.10	-0.93
AN	GEC1	48.511	-113.997	-0.05	0.02	3.76	2.35	2.80	2.93	0.76	-1.67
AN	GRBA1	39.005	-114.216	-0.02	0.00	1.11	0.53	0.75	0.74	0.16	-2.72
AN	GRCA2	36.066	-112.154	-0.02	0.00	1.30	0.85	1.03	1.03	0.20	-1.53
AN	GRSA1	37.725	-105.519	-0.02	0.00	1.47	0.86	1.11	1.11	0.28	-1.89
AN	GRSM1	35.633	-83.942	-0.05	0.00	5.26	3.80	4.50	4.41	0.98	-1.14
AN	GUMO1	31.833	-104.809	0.00	0.89	1.75	1.69	1.72	1.72	0.34	-0.12
AN	HAVO1	19.431	-155.258	-0.01	0.15	0.87	0.69	0.77	0.76	0.12	-0.83
AN	JARB1	41.893	-115.426	-0.01	0.01	0.87	0.59	0.73	0.71	0.15	-1.34
AN	LAVO1	40.54	-121.577	-0.04	0.00	1.95	0.88	1.34	1.30	0.43	-2.85
AN	MACA1	37.132	-86.148	-0.29	0.01	15.60	7.26	10.81	10.42	2.54	-2.76
AN	MEVE1	37.198	-108.491	-0.01	0.26	1.10	0.91	1.07	0.99	0.33	-0.64
AN	MORA1	46.758	-122.124	-0.06	0.00	2.93	1.13	2.13	1.88	0.64	-3.31
AN	OKEF1	30.74	-82.128	-0.08	0.00	5.19	2.92	4.03	3.78	0.75	-2.07
AN	PEFO1	35.078	-109.769	-0.01	0.02	1.29	0.90	1.14	1.06	0.26	-1.27
AN	PINN1	36.483	-121.157	-0.24	0.00	10.30	3.40	6.72	6.25	2.45	-3.81
AN	PORE1	38.122	-122.909	-0.25	0.00	11.41	4.25	8.31	7.21	3.25	-3.43
AN	REDW1	41.561	-124.084	-0.09	0.00	4.16	1.62	2.85	2.67	0.90	-3.28
AN	ROMO1	40.278	-105.546	-0.03	0.00	2.15	1.37	1.80	1.68	0.50	-1.61
AN	SAGO1	34.194	-116.913	-0.74	0.00	23.49	1.89	12.41	10.45	7.03	-7.12
AN	SAGU1	32.175	-110.737	-0.04	0.00	2.50	1.37	1.77	1.78	0.38	-2.20
AN	SEQU1	36.489	-118.829	-0.40	0.00	19.06	7.33	11.64	11.78	4.14	-3.43
AN	SHEN1	38.523	-78.435	-0.08	0.00	7.40	5.08	6.33	6.04	1.25	-1.32
AN	SIPS1	34.343	-87.339	-0.20	0.00	10.55	4.82	7.09	6.99	1.81	-2.83
AN	SNPA1	47.422	-121.426	-0.13	0.00	6.19	2.53	3.97	3.79	1.18	-3.32
AN	THSI1	44.291	-122.043	-0.04	0.00	1.75	0.73	1.21	1.08	0.33	-3.25

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AN	TONT1	33.655	-111.107	-0.02	0.00	1.81	1.11	1.46	1.39	0.33	-1.73
AN	UPBU1	35.826	-93.203	-0.23	0.00	13.12	6.40	8.44	8.95	2.12	-2.59
AN	WEMI1	37.659	-107.8	0.00	0.10	0.73	0.59	0.65	0.65	0.13	-0.75
AN	YELL2	44.565	-110.4	-0.01	0.02	1.43	1.04	1.21	1.21	0.28	-1.12
AN	YOSE1	37.713	-119.706	-0.06	0.00	3.22	1.51	2.51	2.22	0.88	-2.65
POM	ACAD1	44.377	-68.261	-0.13	0.00	8.17	4.50	6.59	6.33	1.46	-2.00
POM	BADL1	43.743	-101.941	-0.03	0.49	6.07	5.22	6.06	5.64	1.33	-0.52
POM	BAND1	35.78	-106.266	-0.08	0.00	6.39	4.15	5.52	5.27	1.43	-1.47
POM	BIBE1	29.303	-103.178	-0.08	0.00	6.34	3.99	5.33	5.17	1.33	-1.57
POM	BLIS1	38.976	-120.103	0.02	0.77	6.96	7.48	7.73	7.24	2.11	0.25
POM	BOWA1	47.947	-91.495	-0.07	0.03	7.49	5.59	6.85	6.41	2.32	-1.02
POM	BRCA1	37.618	-112.174	-0.03	0.37	4.89	4.10	4.85	4.48	1.80	-0.61
POM	BRID1	42.975	-109.758	0.02	0.40	4.18	4.77	4.91	4.48	1.65	0.46
POM	BRIG1	39.465	-74.449	-0.21	0.00	13.53	7.55	10.56	10.44	2.14	-1.98
POM	CANY1	38.459	-109.821	-0.04	0.07	4.32	3.29	3.82	3.80	0.76	-0.93
POM	CHAS1	28.748	-82.555	-0.17	0.00	14.71	9.82	12.00	12.01	2.27	-1.40
POM	CHIR1	32.009	-109.389	-0.06	0.00	4.45	2.62	3.94	3.53	1.04	-1.79
POM	CORI1	45.664	-121.001	-0.19	0.00	12.79	7.18	9.75	9.60	2.15	-2.02
POM	CRLA1	42.896	-122.136	0.02	0.81	5.30	5.84	8.46	5.59	7.50	0.34
POM	DENA1	63.723	-148.967	-0.03	0.34	3.08	2.34	4.65	2.71	5.36	-0.95
POM	DOSO1	39.105	-79.426	-0.29	0.00	14.21	5.76	9.69	9.69	2.57	-3.01
POM	GICL1	33.22	-108.235	-0.12	0.04	8.31	4.69	7.13	6.25	3.76	-2.00
POM	GEC1	48.511	-113.997	-0.17	0.07	14.78	9.93	14.66	12.36	11.44	-1.35
POM	GRBA1	39.005	-114.216	-0.05	0.02	5.38	3.84	4.40	4.53	0.89	-1.17
POM	GRCA2	36.066	-112.154	-0.04	0.08	4.55	3.47	4.83	3.99	3.92	-0.93
POM	GRSA1	37.725	-105.519	-0.01	0.84	4.72	4.55	4.77	4.64	0.69	-0.12
POM	GRSM1	35.633	-83.942	-0.26	0.00	15.93	8.31	12.07	12.12	3.04	-2.17
POM	GUMO1	31.833	-104.809	-0.04	0.01	5.33	4.29	4.72	4.81	0.75	-0.75
POM	JARB1	41.893	-115.426	-0.01	0.76	5.09	4.90	5.25	4.99	1.62	-0.13
POM	LAVO1	40.54	-121.577	0.03	0.46	6.20	6.99	10.15	6.59	7.61	0.41
POM	LYBR1	43.148	-73.127	-0.11	0.00	7.85	4.66	6.79	6.53	1.45	-1.68
POM	MACA1	37.132	-86.148	-0.25	0.00	16.82	9.71	12.55	13.02	2.36	-1.88
POM	MEVE1	37.198	-108.491	-0.04	0.02	4.43	3.28	4.15	3.86	1.17	-1.02
POM	MOOS1	45.126	-67.266	-0.18	0.00	9.28	4.17	6.69	6.28	1.41	-2.80
POM	MORA1	46.758	-122.124	-0.27	0.00	12.22	4.45	8.49	8.33	2.70	-3.22

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
POM	MOZI1	40.538	-106.677	-0.02	0.58	4.18	3.48	4.18	3.77	1.24	-0.64
POM	OKEF1	30.74	-82.128	-0.17	0.01	15.73	10.86	14.12	13.13	4.37	-1.28
POM	PEFO1	35.078	-109.769	-0.06	0.00	6.00	4.14	5.22	5.07	1.76	-1.27
POM	PINN1	36.483	-121.157	-0.14	0.00	10.09	6.03	7.80	8.06	1.71	-1.74
POM	PORE1	38.122	-122.909	-0.14	0.00	6.50	2.42	5.02	4.46	1.92	-3.15
POM	REDW1	41.561	-124.084	-0.12	0.01	6.83	3.29	5.80	5.06	3.41	-2.42
POM	ROMA1	32.941	-79.657	-0.21	0.00	15.24	9.04	11.40	11.60	1.88	-1.84
POM	ROMO1	40.278	-105.546	-0.04	0.20	5.48	4.43	4.97	4.94	1.03	-0.73
POM	SAGO1	34.194	-116.913	-0.22	0.00	11.38	5.04	7.95	7.99	2.14	-2.74
POM	SAGU1	32.175	-110.737	-0.07	0.00	5.95	3.89	4.74	4.64	1.03	-1.53
POM	SEQU1	36.489	-118.829	-0.32	0.01	20.02	10.75	15.81	14.75	4.31	-2.17
POM	SHEN1	38.523	-78.435	-0.23	0.00	12.58	5.93	9.43	9.26	2.20	-2.48
POM	SHRO1	35.394	-82.774	-0.18	0.00	11.63	6.30	8.29	8.41	2.11	-2.18
POM	SIPS1	34.343	-87.339	-0.30	0.00	19.32	10.73	14.33	14.58	2.93	-2.03
POM	SNPA1	47.422	-121.426	-0.11	0.14	7.98	4.89	6.49	6.11	2.25	-1.74
POM	THSI1	44.291	-122.043	-0.05	0.41	8.06	6.68	8.12	7.27	5.00	-0.65
POM	TONT1	33.655	-111.107	-0.10	0.00	7.22	4.29	5.70	5.70	1.27	-1.77
POM	UPBU1	35.826	-93.203	-0.20	0.00	14.33	8.68	11.34	11.31	1.97	-1.73
POM	WEMI1	37.659	-107.8	-0.01	0.36	4.10	3.69	4.20	3.90	1.11	-0.36
POM	YELL2	44.565	-110.4	-0.03	0.42	6.81	6.04	6.35	6.42	1.62	-0.41
POM	YOSE1	37.713	-119.706	-0.03	0.60	10.65	9.83	13.40	10.24	9.67	-0.28
EC	ACAD1	44.377	-68.261	-0.09	0.00	3.32	0.74	2.00	2.03	0.87	-4.39
EC	BADL1	43.743	-101.941	-0.02	0.00	1.56	0.90	1.24	1.23	0.32	-1.87
EC	BAND1	35.78	-106.266	-0.04	0.00	2.06	0.98	1.44	1.52	0.44	-2.46
EC	BIBE1	29.303	-103.178	-0.03	0.00	1.79	0.99	1.40	1.39	0.35	-1.99
EC	BLIS1	38.976	-120.103	-0.03	0.00	2.10	1.19	1.55	1.62	0.39	-1.94
EC	BOWA1	47.947	-91.495	-0.03	0.00	2.02	1.04	1.41	1.47	0.36	-2.31
EC	BRCA1	37.618	-112.174	-0.02	0.02	1.43	0.77	1.11	1.09	0.42	-2.08
EC	BRID1	42.975	-109.758	-0.01	0.16	0.98	0.70	0.86	0.84	0.27	-1.14
EC	BRIG1	39.465	-74.449	-0.15	0.00	6.32	2.10	3.97	4.14	1.28	-3.51
EC	CANY1	38.459	-109.821	-0.03	0.00	1.40	0.59	0.97	0.99	0.31	-2.81
EC	CHAS1	28.748	-82.555	-0.14	0.00	6.52	2.37	4.49	4.23	1.31	-3.39
EC	CHIR1	32.009	-109.389	-0.03	0.00	1.55	0.72	1.05	1.13	0.31	-2.54
EC	CORI1	45.664	-121.001	-0.11	0.00	4.79	1.68	3.12	3.02	0.90	-3.55
EC	CRLA1	42.896	-122.136	-0.04	0.01	2.12	1.01	1.87	1.53	1.15	-2.53

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
EC	DENA1	63.723	-148.967	-0.02	0.00	1.06	0.43	0.77	0.74	0.41	-2.94
EC	DOSO1	39.105	-79.426	-0.11	0.00	4.56	1.49	2.89	2.92	0.98	-3.63
EC	GICL1	33.22	-108.235	-0.04	0.01	2.13	0.86	1.60	1.40	0.91	-3.12
EC	GEC1	48.511	-113.997	-0.08	0.00	4.54	2.33	3.46	3.43	1.49	-2.21
EC	GRBA1	39.005	-114.216	-0.04	0.00	1.61	0.32	1.04	0.90	0.42	-4.94
EC	GRCA2	36.066	-112.154	-0.03	0.00	1.45	0.65	1.18	1.04	0.66	-2.66
EC	GRSA1	37.725	-105.519	-0.01	0.00	1.24	0.82	1.02	1.03	0.19	-1.42
EC	GRSM1	35.633	-83.942	-0.11	0.00	5.27	2.23	3.45	3.75	1.10	-2.80
EC	GUMO1	31.833	-104.809	-0.02	0.00	1.51	0.95	1.18	1.23	0.27	-1.58
EC	HAVO1	19.431	-155.258	-0.02	0.00	0.68	0.18	0.38	0.35	0.17	-4.95
EC	JARB1	41.893	-115.426	-0.01	0.04	1.04	0.63	0.87	0.82	0.30	-1.75
EC	LAVO1	40.54	-121.577	-0.01	0.49	1.86	1.47	1.89	1.66	0.95	-0.81
EC	LYBR1	43.148	-73.127	-0.08	0.00	3.15	0.91	2.14	2.22	0.53	-3.47
EC	MACA1	37.132	-86.148	-0.12	0.00	6.06	2.60	4.02	4.21	1.11	-2.83
EC	MEVE1	37.198	-108.491	-0.03	0.00	1.43	0.59	1.02	1.01	0.39	-2.85
EC	MOOS1	45.126	-67.266	-0.09	0.00	3.29	0.59	1.78	1.71	0.73	-5.47
EC	MORA1	46.758	-122.124	-0.11	0.00	4.16	0.85	2.53	2.51	1.05	-4.55
EC	MOZI1	40.538	-106.677	-0.02	0.00	1.27	0.58	0.80	0.85	0.25	-2.78
EC	OKEF1	30.74	-82.128	-0.10	0.00	5.33	2.44	3.72	3.78	1.07	-2.63
EC	PEFO1	35.078	-109.769	-0.06	0.00	3.07	1.31	2.09	2.19	0.67	-2.77
EC	PINN1	36.483	-121.157	-0.10	0.00	3.79	0.89	2.53	2.34	0.93	-4.27
EC	PORE1	38.122	-122.909	-0.06	0.00	2.11	0.35	1.36	1.23	0.76	-4.93
EC	REDW1	41.561	-124.084	-0.04	0.00	1.42	0.33	0.96	0.87	0.49	-4.32
EC	ROMA1	32.941	-79.657	-0.10	0.00	5.02	2.01	3.23	3.26	0.97	-3.18
EC	ROMO1	40.278	-105.546	-0.02	0.00	1.55	0.83	1.15	1.18	0.30	-2.12
EC	SAGO1	34.194	-116.913	-0.11	0.00	4.67	1.35	2.66	2.90	1.10	-3.94
EC	SAGU1	32.175	-110.737	-0.06	0.00	2.65	0.77	1.74	1.45	0.59	-4.48
EC	SEQU1	36.489	-118.829	-0.14	0.00	5.82	1.78	3.50	3.52	1.24	-3.95
EC	SHEN1	38.523	-78.435	-0.09	0.00	4.45	1.95	2.92	3.20	0.84	-2.69
EC	SHRO1	35.394	-82.774	-0.07	0.00	2.91	0.95	1.97	1.73	0.71	-3.92
EC	SIPS1	34.343	-87.339	-0.17	0.00	7.05	2.12	4.47	4.33	1.54	-3.92
EC	SNPA1	47.422	-121.426	-0.08	0.00	3.27	1.02	1.93	1.91	0.66	-4.05
EC	THSI1	44.291	-122.043	-0.03	0.00	1.93	1.00	1.44	1.40	0.44	-2.29
EC	TONT1	33.655	-111.107	-0.06	0.00	2.64	0.88	1.73	1.73	0.57	-3.52
EC	UPBU1	35.826	-93.203	-0.07	0.00	3.89	1.94	2.80	2.85	0.69	-2.36

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
EC	WEMI1	37.659	-107.8	-0.04	0.00	2.03	0.79	1.27	1.41	0.41	-3.02
EC	YELL2	44.565	-110.4	-0.03	0.00	1.56	0.81	1.16	1.18	0.33	-2.18
EC	YOSE1	37.713	-119.706	-0.04	0.03	2.61	1.57	2.33	2.09	1.04	-1.71
FD	ACAD1	44.377	-68.261	-0.01	0.00	0.32	0.16	0.22	0.24	0.07	-2.16
FD	BADL1	43.743	-101.941	0.00	0.46	0.67	0.59	0.64	0.63	0.13	-0.44
FD	BAND1	35.78	-106.266	0.00	0.34	0.63	0.74	0.71	0.68	0.17	0.53
FD	BIBE1	29.303	-103.178	-0.01	0.23	1.48	1.23	1.40	1.35	0.36	-0.64
FD	BLIS1	38.976	-120.103	0.00	0.05	0.57	0.45	0.50	0.51	0.11	-0.79
FD	BOWA1	47.947	-91.495	-0.01	0.00	0.43	0.19	0.30	0.30	0.09	-2.86
FD	BRCA1	37.618	-112.174	0.00	0.68	0.63	0.60	0.63	0.61	0.13	-0.18
FD	BRID1	42.975	-109.758	0.00	0.21	0.53	0.42	0.49	0.48	0.11	-0.77
FD	BRIG1	39.465	-74.449	-0.01	0.00	0.65	0.33	0.46	0.48	0.14	-2.28
FD	CANY1	38.459	-109.821	0.00	0.40	0.79	0.70	0.77	0.74	0.21	-0.42
FD	CHAS1	28.748	-82.555	-0.02	0.00	1.15	0.69	0.95	0.88	0.26	-1.79
FD	CHIR1	32.009	-109.389	0.01	0.13	0.96	1.18	1.08	1.07	0.26	0.70
FD	CORI1	45.664	-121.001	0.01	0.11	0.75	1.11	1.08	0.96	0.39	1.28
FD	CRLA1	42.896	-122.136	-0.01	0.01	0.52	0.36	0.41	0.43	0.10	-1.29
FD	CRMO1	43.46	-113.555	-0.01	0.04	0.70	0.52	0.64	0.60	0.19	-1.07
FD	DENA1	63.723	-148.967	0.00	0.00	0.23	0.11	0.18	0.17	0.10	-2.34
FD	DOSO1	39.105	-79.426	-0.01	0.00	0.59	0.32	0.45	0.44	0.13	-2.12
FD	EVER1	25.391	-80.681	-0.02	0.08	1.46	1.02	1.28	1.23	0.40	-1.25
FD	GICL1	33.22	-108.235	0.00	0.98	0.78	0.78	0.79	0.78	0.17	-0.01
FD	GEC1	48.511	-113.997	-0.01	0.09	0.76	0.57	0.68	0.66	0.16	-1.01
FD	GRBA1	39.005	-114.216	0.00	0.95	0.71	0.72	0.72	0.71	0.22	0.04
FD	GRCA2	36.066	-112.154	0.00	0.63	0.56	0.63	0.65	0.59	0.14	0.41
FD	GRSA1	37.725	-105.519	0.00	0.87	1.18	1.15	1.11	1.17	0.30	-0.09
FD	GRSM1	35.633	-83.942	-0.01	0.00	0.72	0.41	0.57	0.56	0.16	-1.88
FD	GUMO1	31.833	-104.809	0.02	0.04	1.37	2.09	1.89	1.73	0.65	1.42
FD	HALE1	20.809	-156.282	0.00	0.86	0.25	0.24	0.25	0.25	0.04	-0.04
FD	HAVO1	19.431	-155.258	0.00	0.41	0.19	0.15	0.17	0.16	0.08	-0.80
FD	JARB1	41.893	-115.426	0.00	0.63	1.06	1.11	1.04	1.09	0.20	0.16
FD	LAVO1	40.54	-121.577	0.00	0.49	0.50	0.45	0.48	0.47	0.14	-0.34
FD	LYBR1	43.148	-73.127	0.00	0.36	0.33	0.23	0.29	0.29	0.07	-1.14
FD	MACA1	37.132	-86.148	-0.01	0.11	0.78	0.52	0.61	0.64	0.16	-1.38
FD	MEVE1	37.198	-108.491	0.00	0.71	0.76	0.86	0.93	0.81	0.38	0.40

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
FD	MOOS1	45.126	-67.266	-0.01	0.00	0.36	0.15	0.21	0.23	0.07	-3.08
FD	MORA1	46.758	-122.124	0.00	0.00	0.30	0.17	0.22	0.24	0.06	-1.84
FD	MOZI1	40.538	-106.677	-0.01	0.00	0.70	0.41	0.52	0.53	0.13	-1.93
FD	OKEF1	30.74	-82.128	-0.01	0.01	1.03	0.67	0.83	0.83	0.21	-1.49
FD	PEFO1	35.078	-109.769	0.01	0.36	0.93	1.07	1.03	1.00	0.22	0.51
FD	PINN1	36.483	-121.157	0.00	0.01	0.51	0.41	0.46	0.46	0.06	-0.75
FD	PORE1	38.122	-122.909	0.00	0.76	0.22	0.22	0.23	0.22	0.05	0.07
FD	REDW1	41.561	-124.084	0.00	0.02	0.19	0.14	0.16	0.16	0.04	-1.10
FD	ROMA1	32.941	-79.657	-0.01	0.16	0.74	0.57	0.62	0.64	0.13	-0.91
FD	ROMO1	40.278	-105.546	-0.01	0.02	0.77	0.57	0.69	0.67	0.14	-1.01
FD	SAGO1	34.194	-116.913	-0.02	0.00	1.07	0.58	0.82	0.81	0.19	-2.12
FD	SAGU1	32.175	-110.737	-0.02	0.45	2.11	1.52	1.83	1.74	0.64	-1.16
FD	SAWT1	44.171	-114.927	0.00	0.37	0.47	0.39	0.45	0.42	0.11	-0.66
FD	SEQU1	36.489	-118.829	-0.01	0.19	1.14	0.94	1.31	1.04	1.09	-0.66
FD	SHEN1	38.523	-78.435	-0.01	0.00	0.59	0.30	0.44	0.45	0.13	-2.24
FD	SHRO1	35.394	-82.774	-0.01	0.00	0.77	0.35	0.52	0.52	0.17	-2.78
FD	SIPS1	34.343	-87.339	-0.01	0.03	0.92	0.53	0.76	0.70	0.22	-1.94
FD	SNPA1	47.422	-121.426	0.00	0.00	0.30	0.16	0.23	0.22	0.08	-2.31
FD	SULA1	45.86	-114	-0.01	0.05	0.44	0.28	0.38	0.35	0.12	-1.58
FD	THSI1	44.291	-122.043	0.01	0.08	0.25	0.41	0.41	0.34	0.21	1.63
FD	TONT1	33.655	-111.107	0.01	0.13	1.04	1.27	1.31	1.16	0.33	0.70
FD	UPBU1	35.826	-93.203	-0.01	0.07	1.05	0.75	0.91	0.89	0.26	-1.17
FD	VIIS1	18.336	-64.796	-0.06	0.00	3.84	2.03	2.96	2.90	0.82	-2.14
FD	WEMI1	37.659	-107.8	0.00	0.71	0.67	0.61	0.66	0.64	0.19	-0.29
FD	WHRI1	39.154	-106.821	0.00	0.44	0.52	0.61	0.58	0.58	0.14	0.55
FD	YELL2	44.565	-110.4	-0.02	0.00	0.65	0.19	0.46	0.42	0.18	-3.82
FD	YOSE1	37.713	-119.706	0.00	0.51	0.63	0.61	0.60	0.62	0.09	-0.15
CM	ACAD1	44.377	-68.261	-0.05	0.01	2.44	0.88	2.01	1.66	0.74	-3.24
CM	BADL1	43.743	-101.941	-0.04	0.00	3.53	2.36	3.03	2.95	0.52	-1.38
CM	BAND1	35.78	-106.266	-0.03	0.01	2.49	1.70	2.27	2.10	0.76	-1.29
CM	BIBE1	29.303	-103.178	-0.04	0.07	4.77	3.51	4.31	4.14	1.18	-1.06
CM	BLIS1	38.976	-120.103	-0.01	0.41	1.57	1.34	1.47	1.45	0.33	-0.56
CM	BOWA1	47.947	-91.495	-0.02	0.01	1.82	1.30	1.58	1.53	0.30	-1.16
CM	BRCA1	37.618	-112.174	-0.02	0.00	2.07	1.41	1.79	1.73	0.44	-1.31
CM	BRID1	42.975	-109.758	-0.04	0.00	1.66	0.65	1.37	1.15	0.52	-3.04

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
CM	BRIG1	39.465	-74.449	-0.08	0.11	6.65	4.34	5.75	5.38	1.97	-1.48
CM	CANY1	38.459	-109.821	-0.06	0.00	3.14	1.54	2.53	2.34	0.75	-2.35
CM	CHAS1	28.748	-82.555	-0.07	0.00	4.54	2.47	3.84	3.33	0.99	-2.15
CM	CHIR1	32.009	-109.389	0.02	0.25	3.19	3.71	3.55	3.45	0.72	0.52
CM	CORI1	45.664	-121.001	0.11	0.01	3.56	6.69	5.78	5.39	1.74	2.00
CM	CRLA1	42.896	-122.136	-0.06	0.00	1.78	0.18	1.21	0.90	0.67	-6.14
CM	DENA1	63.723	-148.967	-0.03	0.01	1.27	0.34	1.08	0.80	0.55	-3.98
CM	DOSO1	39.105	-79.426	-0.03	0.03	2.07	1.18	1.74	1.58	0.52	-1.94
CM	GICL1	33.22	-108.235	-0.03	0.04	2.40	1.44	2.02	1.85	0.56	-1.79
CM	GEC1	48.511	-113.997	-0.05	0.00	3.56	2.15	3.13	2.86	0.95	-1.69
CM	GRBA1	39.005	-114.216	-0.02	0.08	2.17	1.68	1.89	1.90	0.34	-0.89
CM	GRCA2	36.066	-112.154	-0.08	0.00	2.88	0.64	2.14	1.80	0.98	-4.28
CM	GRSA1	37.725	-105.519	-0.05	0.00	3.20	1.79	2.67	2.49	0.97	-1.96
CM	GRSM1	35.633	-83.942	-0.05	0.00	3.12	1.81	2.59	2.47	0.62	-1.84
CM	GUMO1	31.833	-104.809	0.03	0.42	4.45	5.23	5.42	4.84	1.72	0.56
CM	HAVO1	19.431	-155.258	0.00	0.63	0.85	0.95	1.24	0.92	1.36	0.37
CM	JARB1	41.893	-115.426	-0.04	0.00	3.00	1.87	2.64	2.43	0.70	-1.61
CM	LAVO1	40.54	-121.577	-0.01	0.40	1.55	1.33	1.58	1.44	0.58	-0.52
CM	MACA1	37.132	-86.148	-0.02	0.17	2.86	2.20	2.52	2.51	0.58	-0.90
CM	MEVE1	37.198	-108.491	-0.03	0.03	2.34	1.57	2.19	1.96	0.80	-1.36
CM	MOOS1	45.126	-67.266	-0.04	0.00	1.93	0.86	1.48	1.31	0.45	-2.82
CM	MORA1	46.758	-122.124	-0.04	0.00	1.89	0.83	1.52	1.36	0.45	-2.70
CM	MOZI1	40.538	-106.677	-0.06	0.00	2.31	0.69	1.57	1.36	0.54	-4.10
CM	OKEF1	30.74	-82.128	-0.05	0.08	3.79	2.46	3.44	3.08	1.11	-1.49
CM	PEFO1	35.078	-109.769	0.01	0.25	2.48	2.90	2.71	2.69	0.69	0.55
CM	PINN1	36.483	-121.157	-0.05	0.01	4.32	2.85	3.85	3.58	0.87	-1.42
CM	PORE1	38.122	-122.909	-0.06	0.00	5.66	3.98	5.08	4.82	1.27	-1.20
CM	REDW1	41.561	-124.084	-0.04	0.01	3.05	1.92	2.69	2.48	0.65	-1.58
CM	ROMA1	32.941	-79.657	-0.06	0.04	4.64	2.92	3.79	3.63	0.88	-1.63
CM	ROMO1	40.278	-105.546	-0.03	0.00	2.41	1.45	2.06	1.91	0.52	-1.74
CM	SAGO1	34.194	-116.913	-0.07	0.00	4.54	2.63	3.80	3.52	1.10	-1.87
CM	SAGU1	32.175	-110.737	0.00	0.89	4.67	4.59	4.61	4.62	0.71	-0.06
CM	SEQU1	36.489	-118.829	0.00	0.98	5.83	5.87	6.06	5.85	2.28	0.03
CM	SHEN1	38.523	-78.435	-0.04	0.00	2.62	1.40	2.22	2.01	0.69	-2.10
CM	SHRO1	35.394	-82.774	-0.01	0.73	1.74	1.33	1.67	1.49	0.70	-0.95

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
CM	SIPS1	34.343	-87.339	-0.05	0.00	3.51	2.14	2.88	2.76	0.52	-1.71
CM	SNPA1	47.422	-121.426	-0.02	0.08	1.09	0.61	0.90	0.80	0.37	-2.07
CM	THSI1	44.291	-122.043	0.02	0.26	1.41	1.93	1.93	1.71	0.85	1.05
CM	TONT1	33.655	-111.107	-0.02	0.18	4.44	3.83	4.10	4.13	0.74	-0.51
CM	UPBU1	35.826	-93.203	-0.05	0.11	4.40	3.00	3.67	3.63	1.04	-1.33
CM	WEMI1	37.659	-107.8	-0.05	0.00	2.36	0.94	1.81	1.65	0.59	-2.96
CM	YELL2	44.565	-110.4	-0.05	0.00	1.98	0.41	1.64	1.19	0.97	-4.54
CM	YOSE1	37.713	-119.706	-0.01	0.60	2.65	2.44	2.58	2.55	0.53	-0.30
Fine bext	ACAD1	44.377	-68.261	-1.43	0.00	57.84	16.50	33.55	33.61	13.62	-4.24
Fine bext	BADL1	43.743	-101.941	-0.35	0.00	26.28	16.04	20.61	20.28	3.76	-1.74
Fine bext	BADL1	35.78	-106.266	-0.24	0.00	17.70	10.65	13.36	13.57	2.65	-1.79
Fine bext	BIBE1	29.303	-103.178	-0.25	0.00	24.80	17.63	20.01	20.60	2.66	-1.20
Fine bext	BLIS1	38.976	-120.103	-0.14	0.07	17.03	13.09	14.75	14.72	2.97	-0.92
Fine bext	BOWA1	47.947	-91.495	-0.73	0.00	37.78	16.61	24.80	24.64	6.38	-2.96
Fine bext	BRCA1	37.618	-112.174	-0.17	0.00	14.04	9.12	11.41	11.07	2.88	-1.53
Fine bext	BRID1	42.975	-109.758	-0.08	0.21	12.39	9.99	10.47	10.99	2.04	-0.75
Fine bext	BRIG1	39.465	-74.449	-2.72	0.00	107.31	28.54	60.37	58.42	22.29	-4.65
Fine bext	CANY1	38.459	-109.821	-0.23	0.00	14.42	7.70	10.94	10.48	2.24	-2.21
Fine bext	CHIR1	32.009	-109.389	-0.24	0.00	16.46	9.63	12.38	12.46	2.45	-1.89
Fine bext	CORI1	45.664	-121.001	-0.71	0.00	49.74	29.28	37.21	36.34	6.73	-1.94
Fine bext	CRLA1	42.896	-122.136	-0.15	0.23	17.61	13.18	15.88	14.86	7.03	-1.03
Fine bext	DENA1	63.723	-148.967	-0.12	0.03	9.55	6.08	9.09	7.51	4.04	-1.59
Fine bext	DOSO1	39.105	-79.426	-3.06	0.00	107.98	19.22	58.10	52.89	26.61	-5.79
Fine bext	GICL1	33.22	-108.235	-0.28	0.00	18.02	9.95	13.11	12.73	3.32	-2.19
Fine bext	GEC1	48.511	-113.997	-0.50	0.00	35.31	20.88	26.04	26.85	5.96	-1.85
Fine bext	GRBA1	39.005	-114.216	-0.16	0.00	12.32	7.62	9.39	9.32	1.59	-1.74
Fine bext	GRCA2	36.066	-112.154	-0.20	0.00	14.62	8.74	11.72	11.07	5.26	-1.83
Fine bext	GRSA1	37.725	-105.519	-0.15	0.00	15.18	10.80	12.16	12.61	1.74	-1.20
Fine bext	GRSM1	35.633	-83.942	-2.92	0.00	128.38	43.67	64.96	78.72	27.30	-3.71
Fine bext	GUMO1	31.833	-104.809	-0.15	0.00	20.12	15.64	17.71	17.50	2.43	-0.88
Fine bext	JARB1	41.893	-115.426	-0.06	0.21	11.47	9.68	10.69	10.39	2.06	-0.60
Fine bext	LAVO1	40.54	-121.577	-0.06	0.55	15.83	13.96	18.26	14.70	9.29	-0.44
Fine bext	MACA1	37.132	-86.148	-3.70	0.00	144.88	37.52	78.99	78.24	29.36	-4.73
Fine bext	MEVE1	37.198	-108.491	-0.21	0.00	14.80	8.85	11.34	11.31	2.52	-1.82
Fine bext	MORA1	46.758	-122.124	-0.92	0.00	37.43	10.64	23.99	21.73	9.02	-4.25

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Fine bext	OKEF1	30.74	-82.128	-2.07	0.00	98.76	38.86	58.52	61.58	18.15	-3.35
Fine bext	PEFO1	35.078	-109.769	-0.31	0.00	18.95	10.07	14.03	13.75	3.57	-2.23
Fine bext	PINN1	36.483	-121.157	-0.63	0.00	36.83	18.57	26.99	26.13	6.26	-2.41
Fine bext	PORE1	38.122	-122.909	-0.67	0.00	48.95	29.66	37.72	37.64	7.13	-1.77
Fine bext	REDW1	41.561	-124.084	-0.41	0.00	32.58	20.81	26.47	25.68	5.69	-1.58
Fine bext	ROMO1	40.278	-105.546	-0.21	0.00	16.43	10.46	12.57	12.83	2.36	-1.60
Fine bext	SAGO1	34.194	-116.913	-1.34	0.00	52.00	13.20	30.39	28.59	12.09	-4.68
Fine bext	SAGU1	32.175	-110.737	-0.34	0.00	20.98	11.07	15.43	14.66	3.10	-2.33
Fine bext	SEQU1	36.489	-118.829	-1.13	0.00	64.35	31.62	40.59	42.91	9.78	-2.63
Fine bext	SHEN1	38.523	-78.435	-2.69	0.00	111.13	33.01	59.53	65.34	25.53	-4.12
Fine bext	SIPS1	34.343	-87.339	-3.24	0.00	124.12	30.25	68.52	65.86	27.65	-4.91
Fine bext	SNPA1	47.422	-121.426	-0.55	0.00	30.69	14.82	20.09	20.29	4.39	-2.70
Fine bext	THSI1	44.291	-122.043	-0.22	0.04	20.40	13.98	17.00	16.19	5.98	-1.37
Fine bext	TONT1	33.655	-111.107	-0.29	0.00	20.28	11.90	15.34	15.22	2.79	-1.90
Fine bext	UPBU1	35.826	-93.203	-1.86	0.00	83.10	29.13	51.40	49.60	15.45	-3.75
Fine bext	WEMI1	37.659	-107.8	-0.17	0.00	13.68	8.71	10.27	10.77	1.95	-1.59
Fine bext	YELL2	44.565	-110.4	-0.16	0.00	15.94	11.17	12.42	13.15	2.54	-1.25
Fine bext	YOSE1	37.713	-119.706	-0.22	0.09	24.65	18.23	23.06	20.89	10.30	-1.06
Aerosol bext	ACAD1	44.377	-68.261	-1.47	0.00	60.26	17.74	35.43	35.33	14.12	-4.15
Aerosol bext	BADL1	43.743	-101.941	-0.40	0.00	29.94	18.38	23.58	23.17	4.08	-1.72
Aerosol bext	BAND1	35.78	-106.266	-0.30	0.00	20.50	11.85	15.54	15.43	3.00	-1.93
Aerosol bext	BIBE1	29.303	-103.178	-0.28	0.00	29.10	21.08	24.16	24.40	3.17	-1.13
Aerosol bext	BLIS1	38.976	-120.103	-0.15	0.10	18.81	14.50	16.18	16.28	3.05	-0.91
Aerosol bext	BOWA1	47.947	-91.495	-0.74	0.00	39.48	17.99	26.39	26.14	6.59	-2.83
Aerosol bext	BRCA1	37.618	-112.174	-0.20	0.00	16.16	10.44	13.19	12.71	3.19	-1.55
Aerosol bext	BRID1	42.975	-109.758	-0.12	0.02	14.42	11.06	11.76	12.45	2.25	-0.93
Aerosol bext	BRIG1	39.465	-74.449	-2.81	0.00	116.76	35.32	64.47	63.40	21.90	-4.43
Aerosol bext	CANY1	38.459	-109.821	-0.27	0.00	17.47	9.56	13.38	12.83	2.83	-2.13
Aerosol bext	CHIR1	32.009	-109.389	-0.22	0.00	19.62	13.15	15.98	15.83	2.67	-1.41
Aerosol bext	CORI1	45.664	-121.001	-0.51	0.03	51.39	36.60	43.39	41.70	6.23	-1.22
Aerosol bext	CRLA1	42.896	-122.136	-0.19	0.13	17.84	12.22	16.80	14.35	7.07	-1.35
Aerosol bext	DENA1	63.723	-148.967	-0.15	0.01	11.01	6.71	10.09	8.49	4.08	-1.75
Aerosol bext	DOSO1	39.105	-79.426	-3.14	0.00	110.66	19.49	57.76	52.50	25.68	-5.99
Aerosol bext	GICL1	33.22	-108.235	-0.28	0.00	19.82	11.74	14.97	14.53	3.43	-1.92
Aerosol bext	GEC1	48.511	-113.997	-0.56	0.00	39.60	23.38	28.97	30.09	6.52	-1.86

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Aerosol bext	GRBA1	39.005	-114.216	-0.19	0.00	14.55	9.18	11.25	11.13	1.78	-1.66
Aerosol bext	GRCA2	36.066	-112.154	-0.27	0.00	17.17	9.36	13.94	12.73	6.13	-2.12
Aerosol bext	GRSA1	37.725	-105.519	-0.23	0.00	18.67	11.94	14.80	14.73	2.54	-1.57
Aerosol bext	GRSM1	35.633	-83.942	-2.98	0.00	132.05	45.60	67.45	81.37	27.64	-3.66
Aerosol bext	GUMO1	31.833	-104.809	-0.14	0.08	25.73	21.58	23.08	23.30	3.09	-0.62
Aerosol bext	JARB1	41.893	-115.426	-0.09	0.10	14.58	11.86	13.18	12.89	2.41	-0.73
Aerosol bext	LAVO1	40.54	-121.577	-0.10	0.43	18.19	15.22	19.67	16.40	9.26	-0.62
Aerosol bext	MACA1	37.132	-86.148	-3.69	0.00	147.08	40.19	81.52	80.74	29.61	-4.57
Aerosol bext	MEVE1	37.198	-108.491	-0.23	0.00	17.38	10.74	13.56	13.49	3.13	-1.70
Aerosol bext	MORA1	46.758	-122.124	-0.92	0.00	38.50	11.85	25.40	22.88	9.27	-4.02
Aerosol bext	OKEF1	30.74	-82.128	-2.12	0.00	102.05	40.52	61.59	63.86	18.30	-3.32
Aerosol bext	PEFO1	35.078	-109.769	-0.32	0.00	21.84	12.60	16.75	16.42	3.84	-1.94
Aerosol bext	PINN1	36.483	-121.157	-0.68	0.00	40.79	20.96	30.87	29.17	7.03	-2.34
Aerosol bext	PORE1	38.122	-122.909	-0.79	0.00	55.98	33.00	42.81	42.51	8.07	-1.86
Aerosol bext	REDW1	41.561	-124.084	-0.43	0.00	35.19	22.77	29.11	27.91	5.95	-1.53
Aerosol bext	ROMO1	40.278	-105.546	-0.24	0.00	18.87	11.87	14.61	14.65	2.70	-1.65
Aerosol bext	SAGO1	34.194	-116.913	-1.42	0.00	57.01	15.75	34.18	32.11	13.02	-4.43
Aerosol bext	SAGU1	32.175	-110.737	-0.36	0.00	26.01	15.59	20.07	19.36	3.31	-1.86
Aerosol bext	SEQU1	36.489	-118.829	-1.30	0.00	68.56	30.92	46.68	43.90	10.89	-2.96
Aerosol bext	SHEN1	38.523	-78.435	-2.66	0.00	112.44	35.18	61.34	67.15	25.53	-3.97
Aerosol bext	SIPS1	34.343	-87.339	-3.36	0.00	128.77	31.28	71.48	68.26	28.35	-4.93
Aerosol bext	TONT1	33.655	-111.107	-0.29	0.00	23.93	15.53	19.37	18.86	3.07	-1.54
Aerosol bext	UPBU1	35.826	-93.203	-2.03	0.00	90.86	31.90	54.31	53.25	15.83	-3.82
Aerosol bext	WEMI1	37.659	-107.8	-0.22	0.00	16.26	9.79	12.06	12.47	2.33	-1.79
Aerosol bext	YELL2	44.565	-110.4	-0.25	0.00	18.55	11.37	14.05	14.34	3.11	-1.73
Aerosol bext	YOSE1	37.713	-119.706	-0.19	0.11	25.33	19.86	25.04	22.12	10.45	-0.85
Total bext	ACAD1	44.377	-68.261	-1.47	0.00	72.26	29.74	47.43	47.33	14.12	-3.10
Total bext	BADL1	43.743	-101.941	-0.40	0.00	40.94	29.38	34.58	34.17	4.08	-1.17
Total bext	BAND1	35.78	-106.266	-0.30	0.00	29.50	20.85	24.54	24.43	3.00	-1.22
Total bext	BIBE1	29.303	-103.178	-0.28	0.00	39.10	31.08	34.16	34.40	3.17	-0.80
Total bext	BLIS1	38.976	-120.103	-0.15	0.10	27.81	23.50	25.18	25.28	3.05	-0.59
Total bext	BOWA1	47.947	-91.495	-0.74	0.00	50.48	28.99	37.39	37.14	6.59	-1.99
Total bext	BRCA1	37.618	-112.174	-0.20	0.00	25.16	19.44	22.19	21.71	3.19	-0.91
Total bext	BRID1	42.975	-109.758	-0.12	0.02	23.42	20.06	20.76	21.45	2.25	-0.54
Total bext	BRIG1	39.465	-74.449	-2.81	0.00	128.76	47.32	76.47	75.40	21.90	-3.72

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Total bext	CANY1	38.459	-109.821	-0.27	0.00	26.47	18.56	22.38	21.83	2.83	-1.25
Total bext	CHIR1	32.009	-109.389	-0.22	0.00	29.62	23.15	25.98	25.83	2.67	-0.86
Total bext	CORI1	45.664	-121.001	-0.51	0.03	63.39	48.60	55.39	53.70	6.23	-0.95
Total bext	CRLA1	42.896	-122.136	-0.19	0.13	26.84	21.22	25.80	23.35	7.07	-0.83
Total bext	DENA1	63.723	-148.967	-0.15	0.01	22.01	17.71	21.09	19.49	4.08	-0.76
Total bext	DOSO1	39.105	-79.426	-3.14	0.00	120.66	29.49	67.76	62.50	25.68	-5.03
Total bext	GICL1	33.22	-108.235	-0.28	0.00	28.82	20.74	23.97	23.53	3.43	-1.18
Total bext	GEC1	48.511	-113.997	-0.56	0.00	50.60	34.38	39.97	41.09	6.52	-1.36
Total bext	GRBA1	39.005	-114.216	-0.19	0.00	23.55	18.18	20.25	20.13	1.78	-0.92
Total bext	GRCA2	36.066	-112.154	-0.27	0.00	26.17	18.36	22.94	21.73	6.13	-1.24
Total bext	GRSA1	37.725	-105.519	-0.23	0.00	27.67	20.94	23.80	23.73	2.54	-0.98
Total bext	GRSM1	35.633	-83.942	-2.98	0.00	143.05	56.60	78.45	92.37	27.64	-3.23
Total bext	GUMO1	31.833	-104.809	-0.14	0.08	34.73	30.58	32.08	32.30	3.09	-0.44
Total bext	JARB1	41.893	-115.426	-0.09	0.10	24.58	21.86	23.18	22.89	2.41	-0.41
Total bext	LAVO1	40.54	-121.577	-0.10	0.43	28.19	25.22	29.67	26.40	9.26	-0.39
Total bext	MACA1	37.132	-86.148	-3.69	0.00	158.08	51.19	92.52	91.74	29.61	-4.02
Total bext	MEVE1	37.198	-108.491	-0.23	0.00	26.38	19.74	22.56	22.49	3.13	-1.02
Total bext	MORA1	46.758	-122.124	-0.92	0.00	49.50	22.85	36.40	33.88	9.27	-2.71
Total bext	OKEF1	30.74	-82.128	-2.12	0.00	113.05	51.52	72.59	74.86	18.30	-2.83
Total bext	PEFO1	35.078	-109.769	-0.32	0.00	30.84	21.60	25.75	25.42	3.84	-1.25
Total bext	PINN1	36.483	-121.157	-0.68	0.00	51.79	31.96	41.87	40.17	7.03	-1.70
Total bext	PORE1	38.122	-122.909	-0.79	0.00	67.98	45.00	54.81	54.51	8.07	-1.45
Total bext	REDW1	41.561	-124.084	-0.43	0.00	46.19	33.77	40.11	38.91	5.95	-1.10
Total bext	ROMO1	40.278	-105.546	-0.24	0.00	27.87	20.87	23.61	23.65	2.70	-1.02
Total bext	SAGO1	34.194	-116.913	-1.42	0.00	67.01	25.75	44.18	42.11	13.02	-3.38
Total bext	SAGU1	32.175	-110.737	-0.36	0.00	36.01	25.59	30.07	29.36	3.31	-1.22
Total bext	SEQU1	36.489	-118.829	-1.30	0.00	79.56	41.92	57.68	54.90	10.89	-2.36
Total bext	SHEN1	38.523	-78.435	-2.66	0.00	122.44	45.18	71.34	77.15	25.53	-3.45
Total bext	SIPS1	34.343	-87.339	-3.36	0.00	139.77	42.28	82.48	79.26	28.35	-4.24
Total bext	TONT1	33.655	-111.107	-0.29	0.00	33.93	25.53	29.37	28.86	3.07	-1.00
Total bext	UPBU1	35.826	-93.203	-2.03	0.00	101.86	42.90	65.31	64.25	15.83	-3.16
Total bext	WEMI1	37.659	-107.8	-0.22	0.00	25.26	18.79	21.06	21.47	2.33	-1.04
Total bext	YELL2	44.565	-110.4	-0.25	0.00	27.55	20.37	23.05	23.34	3.11	-1.06
Total bext	YOSE1	37.713	-119.706	-0.19	0.11	35.33	29.86	35.04	32.12	10.45	-0.59
dv	ACAD1	44.377	-68.261	-0.31	0.00	20.54	11.58	14.90	15.29	2.86	-2.02

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
dv	BADL1	43.743	-101.941	-0.12	0.00	14.17	10.74	12.13	12.16	1.19	-0.97
dv	BAND1	35.78	-106.266	-0.12	0.00	11.01	7.41	8.75	8.90	1.22	-1.39
dv	BIBE1	29.303	-103.178	-0.08	0.00	13.59	11.20	12.03	12.19	0.94	-0.67
dv	BLIS1	38.976	-120.103	-0.08	0.01	9.96	7.62	8.62	8.59	0.99	-0.94
dv	BOWA1	47.947	-91.495	-0.20	0.00	16.42	10.58	12.73	12.79	1.73	-1.58
dv	BRCA1	37.618	-112.174	-0.10	0.00	9.18	6.27	7.48	7.43	1.18	-1.35
dv	BRID1	42.975	-109.758	-0.07	0.00	8.20	6.09	6.80	6.96	0.95	-1.05
dv	BRIG1	39.465	-74.449	-0.38	0.00	26.87	15.98	19.70	19.74	2.83	-1.90
dv	CANY1	38.459	-109.821	-0.13	0.00	9.78	6.06	7.81	7.60	1.25	-1.69
dv	CHIR1	32.009	-109.389	-0.09	0.00	10.77	8.22	9.27	9.28	0.99	-0.95
dv	CORI1	45.664	-121.001	-0.09	0.01	18.12	15.57	16.56	16.45	1.05	-0.53
dv	CRLA1	42.896	-122.136	-0.11	0.01	10.10	6.87	8.15	8.09	1.41	-1.37
dv	DENA1	63.723	-148.967	-0.08	0.00	7.75	5.56	6.77	6.46	1.14	-1.17
dv	DOSO1	39.105	-79.426	-0.46	0.00	26.36	13.07	17.87	17.88	3.48	-2.56
dv	GICL1	33.22	-108.235	-0.13	0.00	10.40	6.75	8.02	8.01	1.07	-1.57
dv	GEC1	48.511	-113.997	-0.15	0.00	15.76	11.39	13.30	13.20	1.62	-1.14
dv	GRBA1	39.005	-114.216	-0.10	0.00	8.47	5.57	6.75	6.62	0.87	-1.51
dv	GRCA2	36.066	-112.154	-0.14	0.00	9.80	5.87	7.58	7.56	1.48	-1.79
dv	GRSA1	37.725	-105.519	-0.10	0.00	10.07	7.29	8.42	8.44	1.04	-1.14
dv	GRSM1	35.633	-83.942	-0.38	0.00	27.98	16.88	19.37	21.48	3.58	-1.78
dv	GUMO1	31.833	-104.809	-0.05	0.04	12.34	10.96	11.40	11.53	0.95	-0.41
dv	JARB1	41.893	-115.426	-0.06	0.01	8.71	6.97	7.79	7.63	0.79	-0.79
dv	LAVO1	40.54	-121.577	-0.06	0.02	10.09	8.35	9.27	9.04	1.46	-0.66
dv	MACA1	37.132	-86.148	-0.42	0.00	29.52	17.20	21.33	21.87	3.23	-1.94
dv	MEVE1	37.198	-108.491	-0.11	0.00	9.78	6.52	7.88	7.87	1.32	-1.43
dv	MORA1	46.758	-122.124	-0.25	0.00	15.53	8.19	12.15	11.23	2.35	-2.25
dv	OKEF1	30.74	-82.128	-0.30	0.00	25.37	16.69	19.27	19.98	2.54	-1.50
dv	PEFO1	35.078	-109.769	-0.13	0.00	11.37	7.73	9.11	9.24	1.29	-1.36
dv	PINN1	36.483	-121.157	-0.16	0.00	16.44	11.69	14.03	13.66	1.61	-1.20
dv	PORE1	38.122	-122.909	-0.14	0.00	19.14	15.12	16.62	16.79	1.37	-0.83
dv	REDW1	41.561	-124.084	-0.11	0.00	15.18	12.07	13.37	13.36	1.26	-0.80
dv	ROMO1	40.278	-105.546	-0.11	0.00	10.05	6.74	8.09	8.05	1.14	-1.42
dv	SAGO1	34.194	-116.913	-0.30	0.00	18.92	10.15	13.79	13.63	2.77	-2.22
dv	SAGU1	32.175	-110.737	-0.13	0.00	12.99	9.35	10.86	10.67	1.09	-1.18
dv	SEQU1	36.489	-118.829	-0.21	0.00	20.67	14.56	16.85	16.67	1.75	-1.27

Species	Site	Lat (°)	Lon (°)	Slope (Mm⁻¹ yr⁻¹)	Statistical Significance (p)	Beg. Year b_{ext} (Mm⁻¹)	End Year b_{ext} (Mm⁻¹)	Mean (Mm⁻¹)	Median (Mm⁻¹)	Standard Deviation (Mm⁻¹)	Trend (% yr⁻¹)
dv	SHEN1	38.523	-78.435	-0.37	0.00	26.04	15.28	18.35	19.73	3.41	-1.88
dv	SIPS1	34.343	-87.339	-0.41	0.00	27.90	15.90	20.28	20.45	3.37	-2.02
dv	TONT1	33.655	-111.107	-0.10	0.00	12.24	9.27	10.57	10.45	1.06	-0.98
dv	UPBU1	35.826	-93.203	-0.32	0.00	24.22	15.07	18.24	18.38	2.43	-1.72
dv	WEMI1	37.659	-107.8	-0.12	0.00	9.18	5.84	7.10	7.22	1.09	-1.60
dv	YELL2	44.565	-110.4	-0.14	0.00	10.02	6.08	7.72	7.71	1.36	-1.76
dv	YOSE1	37.713	-119.706	-0.07	0.02	12.00	9.84	11.07	10.74	1.28	-0.69

Appendix 7.2. IMPROVE Short-Term (2000–2019) Light Extinction Coefficient Percentile Trends

Table 7.2.1. IMPROVE short-term (2000–2019) 10th percentile ambient b_{ext} trends for sites that met completeness criteria (see Chapter 7). Species include ammonium sulfate (AS), ammonium nitrate (AN), particulate organic matter (POM), elemental carbon (EC), fine dust (FD), coarse mass (CM), fine b_{ext} , aerosol b_{ext} , total b_{ext} (aerosol + Rayleigh), and deciview (dv). The slope is derived from a linear trend regression, beginning and end year b_{ext} are based on the linear fit for year 2000 and 2019, the mean and median 10th percentile b_{ext} over the 2000-2019 period, standard deviation in the mean over the 2000-2019 period, and trend is the slope divided by the median b_{ext} times 100. Wavelength of 500nm.

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b_{ext} (Mm ⁻¹)	End Year b_{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	ACAD1	44.377	-68.261	-0.24	0.00	7.06	2.56	4.54	4.81	1.53	-4.93
AS	AGTI1	33.464	-116.971	-0.09	0.00	3.01	1.30	2.15	2.11	0.60	-4.24
AS	BADL1	43.743	-101.941	-0.12	0.00	3.57	1.26	2.62	2.42	0.80	-5.03
AS	BALD1	34.058	-109.441	-0.03	0.00	1.62	1.03	1.30	1.31	0.31	-2.39
AS	BAND1	35.78	-106.266	-0.07	0.00	2.40	0.99	1.71	1.70	0.48	-4.36
AS	BIBE1	29.303	-103.178	-0.10	0.00	3.52	1.68	2.78	2.60	0.80	-3.74
AS	BLIS1	38.976	-120.103	-0.02	0.03	1.15	0.79	1.02	0.98	0.19	-1.93
AS	BOAP1	33.869	-106.852	-0.08	0.00	2.75	1.19	2.01	1.97	0.54	-4.17
AS	BOND1	40.052	-88.373	-0.61	0.00	17.30	5.78	10.38	11.24	3.52	-5.39
AS	BOWA1	47.947	-91.495	-0.13	0.00	3.74	1.26	2.65	2.50	0.87	-5.21
AS	BRCA1	37.618	-112.174	-0.03	0.01	1.42	0.93	1.17	1.18	0.24	-2.18
AS	BRID1	42.975	-109.758	-0.04	0.00	1.43	0.74	1.11	1.08	0.27	-3.31
AS	BRIG1	39.465	-74.449	-0.58	0.00	14.75	3.64	9.95	9.19	3.80	-6.36
AS	BRMA1	44.107	-70.729	-0.23	0.00	6.57	2.14	4.59	4.70	1.16	-4.95
AS	CABA1	43.833	-70.064	-0.25	0.00	6.87	2.04	4.73	4.33	1.63	-5.86
AS	CABI1	47.955	-115.671	-0.04	0.01	1.68	0.87	1.27	1.25	0.35	-3.40
AS	CACO1	41.976	-70.024	-0.29	0.00	8.45	2.90	5.66	5.53	1.76	-5.29
AS	CACR1	34.454	-94.143	-0.33	0.00	10.06	3.74	6.88	6.73	2.39	-4.95
AS	CANY1	38.459	-109.821	-0.05	0.00	2.25	1.22	1.64	1.73	0.37	-3.11
AS	CAPI1	38.302	-111.293	-0.03	0.01	1.78	1.18	1.46	1.45	0.25	-2.16
AS	CEBL1	38.77	-99.763	-0.11	0.00	4.61	2.47	3.28	3.37	0.82	-3.33
AS	CHAS1	28.748	-82.555	-0.77	0.00	21.11	6.52	13.94	13.81	4.56	-5.56
AS	CHIR1	32.009	-109.389	-0.06	0.00	2.37	1.31	1.82	1.84	0.38	-3.06
AS	COHU1	34.785	-84.627	-0.76	0.00	17.19	2.68	9.84	9.17	4.48	-8.32
AS	CORI1	45.664	-121.001	-0.14	0.00	4.20	1.56	3.00	2.88	1.06	-4.82
AS	CRLA1	42.896	-122.136	-0.02	0.04	1.01	0.72	0.84	0.87	0.21	-1.78
AS	CRMO1	43.46	-113.555	-0.04	0.00	1.56	0.73	1.20	1.14	0.34	-3.84
AS	DENA1	63.723	-148.967	0.00	0.30	0.67	0.59	0.64	0.63	0.13	-0.65
AS	DOME1	35.728	-118.138	-0.04	0.00	1.82	1.06	1.56	1.42	0.46	-2.85
AS	DOSO1	39.105	-79.426	-0.61	0.00	15.06	3.54	9.29	9.30	3.79	-6.52

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	EGBE1	44.231	-79.783	-0.15	0.01	5.65	2.73	3.77	3.73	0.99	-4.12
AS	ELDO1	37.701	-94.035	-0.34	0.00	11.09	4.71	8.14	8.24	1.58	-4.07
AS	EVER1	25.391	-80.681	-0.21	0.00	10.21	6.17	8.24	8.08	1.45	-2.63
AS	FLAT1	47.773	-114.269	-0.05	0.01	1.73	0.78	1.23	1.18	0.34	-4.23
AS	FOPE1	48.308	-105.102	-0.08	0.01	3.17	1.59	2.51	2.26	0.62	-3.69
AS	FRRE1	39.706	-79.012	-0.89	0.00	20.94	4.08	11.41	10.73	4.38	-8.27
AS	GAMO1	46.826	-111.711	-0.03	0.00	1.02	0.40	0.74	0.70	0.23	-4.70
AS	GICL1	33.22	-108.235	-0.06	0.00	2.05	0.89	1.52	1.47	0.46	-4.12
AS	GLAC1	48.511	-113.997	-0.09	0.00	2.88	1.10	2.06	1.99	0.65	-4.71
AS	GRBA1	39.005	-114.216	-0.02	0.00	1.11	0.69	0.90	0.90	0.17	-2.47
AS	GRCA2	36.066	-112.154	-0.04	0.00	1.72	0.90	1.33	1.31	0.31	-3.30
AS	GRGU1	44.308	-71.218	-0.21	0.00	5.64	1.71	3.78	3.57	1.24	-5.78
AS	GRR11	43.937	-91.405	-0.29	0.00	8.06	2.56	5.17	4.88	1.69	-5.94
AS	GRSA1	37.725	-105.519	-0.05	0.00	1.93	0.89	1.49	1.41	0.38	-3.87
AS	GRSM1	35.633	-83.942	-0.88	0.00	20.09	3.28	11.48	11.69	5.26	-7.57
AS	GUMO1	31.833	-104.809	-0.09	0.00	3.23	1.59	2.39	2.41	0.59	-3.59
AS	HAVO1	19.431	-155.258	-0.04	0.10	2.55	1.83	2.20	2.17	0.37	-1.75
AS	HECA1	44.97	-116.844	-0.04	0.00	1.86	1.05	1.37	1.43	0.33	-2.95
AS	HEGL1	36.614	-92.922	-0.38	0.00	11.95	4.66	7.85	8.12	2.30	-4.73
AS	HOOV1	38.088	-119.177	0.00	0.85	0.91	0.91	0.90	0.91	0.14	-0.01
AS	IKBA1	34.34	-111.683	-0.06	0.00	2.15	0.98	1.66	1.56	0.47	-3.96
AS	ISLE1	47.46	-88.149	-0.16	0.00	4.13	1.13	3.04	2.63	1.09	-6.00
AS	JARB1	41.893	-115.426	-0.02	0.00	1.10	0.76	0.95	0.93	0.14	-1.91
AS	JARI1	37.627	-79.512	-0.88	0.00	20.13	3.50	11.65	11.37	5.21	-7.69
AS	JOSH1	34.07	-116.389	-0.07	0.00	2.23	0.82	1.71	1.52	0.52	-4.84
AS	KAIS1	37.221	-119.155	-0.02	0.10	1.16	0.84	0.94	0.98	0.17	-1.67
AS	KALM1	42.552	-124.059	-0.03	0.01	1.42	0.82	1.22	1.12	0.52	-2.78
AS	LABE1	41.712	-121.507	-0.02	0.12	1.14	0.73	1.04	0.94	0.35	-2.31
AS	LASU2	40.693	-92.006	-0.46	0.00	11.96	3.22	6.87	6.44	2.26	-7.14
AS	LAVO1	40.54	-121.577	-0.01	0.05	1.04	0.78	0.93	0.91	0.17	-1.52
AS	LIGO1	35.972	-81.933	-0.63	0.00	13.68	1.77	8.78	7.72	4.20	-8.12
AS	LOST1	48.642	-102.402	-0.09	0.00	4.42	2.73	3.67	3.57	0.75	-2.49
AS	MACA1	37.132	-86.148	-1.00	0.00	25.67	6.67	15.04	16.17	6.00	-6.18
AS	MAVI1	41.331	-70.785	-0.34	0.00	9.02	2.51	5.75	5.25	1.95	-6.52
AS	MEAD1	36.019	-114.068	-0.05	0.00	1.81	0.93	1.34	1.30	0.31	-3.56
AS	MELA1	48.487	-104.476	-0.08	0.00	3.49	1.94	2.75	2.72	0.66	-3.00
AS	MEVE1	37.198	-108.491	-0.07	0.00	2.47	1.18	1.76	1.82	0.44	-3.71

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	MING1	36.972	-90.143	-0.47	0.00	14.75	5.81	9.46	10.04	3.01	-4.69
AS	MOHO1	45.289	-121.784	-0.03	0.01	0.99	0.47	0.81	0.73	0.31	-3.75
AS	MOMO1	41.821	-73.297	-0.38	0.00	8.77	1.53	5.04	4.77	2.15	-7.98
AS	MONT1	47.122	-113.154	-0.04	0.00	1.43	0.70	1.07	1.05	0.31	-3.68
AS	MOOS1	45.126	-67.266	-0.25	0.00	6.19	1.51	4.35	3.85	1.56	-6.39
AS	MORA1	46.758	-122.124	-0.07	0.00	2.18	0.91	1.73	1.55	0.64	-4.30
AS	MOZI1	40.538	-106.677	-0.03	0.00	1.49	0.82	1.18	1.14	0.31	-3.07
AS	NEBR1	41.889	-100.339	-0.13	0.00	4.14	1.61	2.74	2.67	0.73	-4.99
AS	NOAB1	44.745	-109.382	-0.04	0.00	1.24	0.57	0.92	0.89	0.27	-3.95
AS	NOCA1	48.732	-121.065	-0.08	0.00	1.82	0.33	1.31	1.08	0.75	-7.29
AS	NOCH1	45.65	-106.557	-0.03	0.07	1.74	1.18	1.44	1.41	0.29	-2.09
AS	OKEF1	30.74	-82.128	-0.76	0.00	21.00	6.57	13.59	13.79	4.55	-5.51
AS	OLYM1	48.007	-122.973	-0.10	0.00	2.84	0.91	1.70	1.77	0.63	-5.72
AS	ORPI1	31.951	-112.802	-0.07	0.00	2.70	1.33	1.97	1.91	0.40	-3.77
AS	PASA1	48.388	-119.927	-0.05	0.00	1.62	0.75	1.10	1.16	0.38	-3.97
AS	PEFO1	35.078	-109.769	-0.07	0.00	2.42	1.19	1.77	1.80	0.44	-3.61
AS	PENO1	44.948	-68.648	-0.22	0.00	6.35	2.09	3.74	3.55	1.08	-6.31
AS	PINN1	36.483	-121.157	-0.08	0.00	3.60	2.09	2.91	2.84	0.71	-2.80
AS	PMRF1	44.528	-72.869	-0.18	0.00	5.78	2.27	3.97	3.93	1.10	-4.70
AS	PORE1	38.122	-122.909	-0.14	0.00	4.97	2.24	3.83	3.61	0.93	-3.98
AS	PRIS1	46.696	-68.033	-0.19	0.00	5.90	2.22	3.92	3.97	1.14	-4.89
AS	QUCI1	39.943	-81.338	-0.77	0.00	21.32	6.72	13.93	13.63	4.55	-5.64
AS	QURE1	42.299	-72.335	-0.37	0.00	8.04	1.05	5.51	5.10	1.82	-7.21
AS	QUVA1	33.294	-111.286	-0.08	0.00	2.80	1.32	2.35	2.18	0.40	-3.58
AS	RAFA1	34.734	-120.007	-0.07	0.00	2.79	1.38	2.25	2.08	0.65	-3.55
AS	REDW1	41.561	-124.084	-0.05	0.02	2.20	1.32	1.80	1.76	0.47	-2.62
AS	ROMA1	32.941	-79.657	-0.65	0.00	20.12	7.75	13.03	13.93	4.10	-4.67
AS	ROMO1	40.278	-105.546	-0.03	0.00	1.22	0.71	1.04	0.96	0.29	-2.81
AS	SACR1	33.46	-104.404	-0.09	0.00	3.39	1.76	2.50	2.53	0.54	-3.39
AS	SAGA1	34.297	-118.028	-0.06	0.00	1.88	0.74	1.37	1.25	0.40	-4.81
AS	SAGO1	34.194	-116.913	-0.05	0.00	1.67	0.77	1.35	1.22	0.44	-3.88
AS	SAGU1	32.175	-110.737	-0.06	0.00	2.46	1.36	1.93	1.88	0.42	-3.08
AS	SAMA1	30.093	-84.161	-0.76	0.00	21.90	7.42	13.78	14.28	4.52	-5.34
AS	SAPE1	36.014	-106.845	-0.05	0.00	1.76	0.76	1.31	1.23	0.36	-4.24
AS	SAWE1	32.249	-111.218	-0.07	0.00	2.99	1.69	2.15	2.27	0.40	-3.02
AS	SAWT1	44.171	-114.927	-0.03	0.00	1.04	0.53	0.81	0.78	0.22	-3.44
AS	SENE1	46.289	-85.95	-0.15	0.00	4.17	1.27	3.36	2.72	1.26	-5.60

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	SEQU1	36.489	-118.829	-0.05	0.02	2.85	1.81	2.38	2.33	0.62	-2.35
AS	SHEN1	38.523	-78.435	-0.55	0.00	13.93	3.51	8.58	8.72	3.49	-6.29
AS	SHMI1	37.304	-107.484	-0.06	0.00	2.16	1.10	1.39	1.49	0.28	-3.74
AS	SHRO1	35.394	-82.774	-0.44	0.00	9.88	1.55	5.59	5.72	3.09	-7.66
AS	SIAN1	34.091	-110.942	-0.07	0.00	2.18	0.88	1.74	1.67	0.38	-4.11
AS	SIME1	55.326	-160.506	-0.04	0.10	3.58	2.88	3.05	3.19	0.51	-1.15
AS	SIPS1	34.343	-87.339	-0.78	0.00	20.64	5.73	12.82	13.19	5.14	-5.95
AS	SNPA1	47.422	-121.426	-0.11	0.00	2.76	0.63	1.72	1.70	0.92	-6.60
AS	STAR1	45.225	-118.513	-0.05	0.00	1.96	1.02	1.49	1.49	0.42	-3.30
AS	SULA1	45.86	-114	-0.03	0.00	1.20	0.56	0.95	0.88	0.29	-3.81
AS	SWAN1	35.451	-76.207	-0.54	0.00	14.92	4.59	9.67	9.48	3.13	-5.73
AS	SYCA1	35.141	-111.969	-0.05	0.00	1.96	0.92	1.59	1.55	0.40	-3.53
AS	TALL1	38.434	-96.56	-0.22	0.00	7.59	3.46	5.19	5.20	1.30	-4.19
AS	THBA1	44.663	-105.287	-0.05	0.01	2.27	1.36	1.74	1.72	0.33	-2.77
AS	THRO1	46.895	-103.378	-0.10	0.00	3.45	1.56	2.68	2.51	0.77	-3.98
AS	THSI1	44.291	-122.043	-0.02	0.09	1.15	0.70	1.01	0.92	0.31	-2.54
AS	TONT1	33.655	-111.107	-0.08	0.00	2.74	1.21	2.13	1.98	0.50	-4.07
AS	TRCR1	62.315	-150.316	-0.02	0.14	0.99	0.58	0.85	0.76	0.21	-2.82
AS	TRIN1	40.786	-122.805	-0.02	0.37	1.13	0.79	1.02	0.98	0.32	-1.78
AS	ULBE1	47.582	-108.72	-0.05	0.00	1.89	0.96	1.46	1.42	0.45	-3.46
AS	UPBU1	35.826	-93.203	-0.38	0.00	10.81	3.53	6.99	7.17	2.46	-5.34
AS	VIIS1	18.336	-64.796	0.05	0.28	3.81	4.69	4.19	4.23	0.59	1.10
AS	VILA1	40.969	-95.045	-0.27	0.00	8.40	3.20	5.89	5.39	1.58	-5.09
AS	VOYA2	48.413	-92.829	-0.15	0.00	3.89	0.98	2.55	2.44	0.94	-6.28
AS	WEMI1	37.659	-107.8	-0.04	0.00	1.47	0.78	1.21	1.13	0.38	-3.22
AS	WHIT1	33.469	-105.535	-0.05	0.00	2.36	1.33	1.67	1.79	0.35	-3.00
AS	WHPA1	46.624	-121.388	-0.03	0.03	0.95	0.34	0.69	0.65	0.35	-5.01
AS	WHPE1	36.585	-105.452	-0.03	0.00	1.34	0.79	1.06	1.04	0.22	-2.76
AS	WHRI1	39.154	-106.821	-0.03	0.00	1.23	0.62	0.95	0.93	0.26	-3.47
AS	WICA1	43.558	-103.484	-0.08	0.00	2.81	1.23	2.12	2.02	0.58	-4.13
AS	WIMO1	34.732	-98.713	-0.15	0.01	6.29	3.48	4.76	4.81	1.25	-3.07
AS	YELL2	44.565	-110.4	-0.05	0.00	1.61	0.72	1.17	1.16	0.31	-4.03
AS	YOSE1	37.713	-119.706	-0.03	0.00	1.46	0.90	1.18	1.18	0.26	-2.50
AS	ZICA1	37.198	-113.151	-0.04	0.01	1.76	1.07	1.36	1.36	0.26	-2.64
AN	ACAD1	44.377	-68.261	-0.03	0.00	0.78	0.29	0.57	0.52	0.18	-4.94
AN	AGTI1	33.464	-116.971	-0.06	0.00	1.59	0.45	1.22	0.99	0.63	-6.03
AN	BADL1	43.743	-101.941	0.00	0.48	0.59	0.52	0.55	0.55	0.11	-0.63

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AN	BALD1	34.058	-109.441	0.00	0.25	0.23	0.16	0.20	0.19	0.05	-1.88
AN	BAND1	35.78	-106.266	-0.01	0.00	0.44	0.25	0.35	0.34	0.08	-2.99
AN	BIBE1	29.303	-103.178	0.00	0.34	0.33	0.27	0.33	0.30	0.08	-0.98
AN	BLIS1	38.976	-120.103	-0.01	0.07	0.30	0.19	0.26	0.24	0.06	-2.45
AN	BOAP1	33.869	-106.852	-0.01	0.03	0.41	0.28	0.33	0.34	0.07	-2.00
AN	BOND1	40.052	-88.373	-0.15	0.00	4.61	1.77	3.36	3.12	0.98	-4.79
AN	BOWA1	47.947	-91.495	-0.01	0.01	0.33	0.13	0.25	0.23	0.10	-4.72
AN	BRCA1	37.618	-112.174	0.00	0.03	0.27	0.19	0.25	0.23	0.06	-1.82
AN	BRID1	42.975	-109.758	0.00	0.25	0.22	0.17	0.21	0.19	0.06	-1.54
AN	BRIG1	39.465	-74.449	-0.06	0.00	2.67	1.48	2.10	2.05	0.41	-3.06
AN	BRMA1	44.107	-70.729	-0.03	0.00	0.78	0.12	0.54	0.50	0.19	-6.86
AN	CABA1	43.833	-70.064	-0.02	0.00	0.91	0.45	0.71	0.66	0.22	-3.66
AN	CABI1	47.955	-115.671	-0.01	0.12	0.38	0.25	0.32	0.31	0.08	-2.14
AN	CACO1	41.976	-70.024	-0.04	0.00	1.68	0.83	1.24	1.23	0.28	-3.63
AN	CACR1	34.454	-94.143	-0.05	0.00	1.86	0.81	1.28	1.31	0.36	-4.19
AN	CANY1	38.459	-109.821	-0.01	0.00	0.30	0.18	0.25	0.24	0.06	-2.71
AN	CAPI1	38.302	-111.293	0.00	0.09	0.30	0.23	0.28	0.26	0.06	-1.49
AN	CEBL1	38.77	-99.763	-0.03	0.04	1.44	0.89	1.18	1.12	0.24	-2.58
AN	CHAS1	28.748	-82.555	-0.04	0.03	2.22	1.53	1.96	1.86	0.38	-1.94
AN	CHIR1	32.009	-109.389	0.00	0.15	0.28	0.21	0.26	0.24	0.07	-1.54
AN	COHU1	34.785	-84.627	-0.06	0.00	1.74	0.53	1.20	1.07	0.40	-5.97
AN	CORI1	45.664	-121.001	-0.02	0.02	1.43	1.00	1.25	1.21	0.27	-1.85
AN	CRLA1	42.896	-122.136	0.00	0.34	0.20	0.14	0.18	0.17	0.06	-1.80
AN	CRMO1	43.46	-113.555	-0.01	0.05	0.38	0.27	0.32	0.32	0.06	-1.82
AN	DENA1	63.723	-148.967	0.00	0.25	0.08	0.04	0.06	0.06	0.03	-3.08
AN	DOME1	35.728	-118.138	-0.01	0.27	0.56	0.40	0.52	0.47	0.19	-1.81
AN	DOSO1	39.105	-79.426	-0.02	0.00	1.09	0.64	0.91	0.85	0.23	-2.76
AN	EGBE1	44.231	-79.783	0.00	0.96	0.88	0.93	0.92	0.91	0.17	0.26
AN	ELDO1	37.701	-94.035	-0.10	0.00	2.70	0.86	1.97	1.87	0.48	-5.17
AN	EVER1	25.391	-80.681	-0.01	0.75	1.91	1.79	1.79	1.85	0.23	-0.32
AN	FLAT1	47.773	-114.269	-0.01	0.05	0.40	0.22	0.31	0.29	0.08	-3.24
AN	FOPE1	48.308	-105.102	0.00	0.80	0.42	0.40	0.41	0.41	0.09	-0.34
AN	FRRE1	39.706	-79.012	-0.02	0.07	1.33	1.00	1.14	1.13	0.20	-1.54
AN	GAMO1	46.826	-111.711	-0.01	0.00	0.28	0.14	0.23	0.20	0.09	-3.63
AN	GICL1	33.22	-108.235	0.00	0.42	0.19	0.15	0.18	0.17	0.05	-1.31
AN	GLAC1	48.511	-113.997	-0.01	0.01	0.57	0.31	0.46	0.43	0.13	-3.17
AN	GRBA1	39.005	-114.216	0.00	0.12	0.17	0.13	0.16	0.15	0.04	-1.68

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AN	GRCA2	36.066	-112.154	0.00	0.06	0.26	0.18	0.23	0.22	0.05	-1.91
AN	GRGU1	44.308	-71.218	-0.01	0.03	0.41	0.21	0.32	0.30	0.11	-3.53
AN	GRR11	43.937	-91.405	-0.05	0.00	1.98	1.02	1.49	1.43	0.43	-3.54
AN	GRSA1	37.725	-105.519	0.00	0.06	0.33	0.23	0.29	0.28	0.07	-1.81
AN	GRSM1	35.633	-83.942	-0.04	0.00	1.39	0.69	1.09	1.02	0.26	-3.63
AN	GUM01	31.833	-104.809	-0.01	0.25	0.54	0.42	0.50	0.48	0.10	-1.27
AN	HAV01	19.431	-155.258	0.00	0.09	0.24	0.15	0.20	0.19	0.06	-2.54
AN	HECA1	44.97	-116.844	-0.01	0.03	0.37	0.19	0.28	0.28	0.09	-3.43
AN	HEGL1	36.614	-92.922	-0.04	0.00	1.64	0.81	1.29	1.20	0.30	-3.63
AN	HOOV1	38.088	-119.177	0.00	0.10	0.20	0.13	0.17	0.16	0.06	-2.17
AN	IKBA1	34.34	-111.683	-0.01	0.01	0.50	0.27	0.42	0.38	0.12	-3.24
AN	ISLE1	47.46	-88.149	-0.01	0.01	0.41	0.17	0.30	0.28	0.12	-4.55
AN	JARB1	41.893	-115.426	0.00	0.22	0.17	0.12	0.14	0.14	0.04	-1.68
AN	JARI1	37.627	-79.512	-0.07	0.00	1.78	0.51	1.30	1.11	0.47	-6.00
AN	JOSH1	34.07	-116.389	-0.03	0.00	0.86	0.26	0.62	0.55	0.27	-5.81
AN	KAIS1	37.221	-119.155	0.00	0.34	0.21	0.14	0.18	0.17	0.07	-1.96
AN	KALM1	42.552	-124.059	-0.01	0.03	0.36	0.21	0.29	0.28	0.09	-2.66
AN	LABE1	41.712	-121.507	-0.01	0.03	0.33	0.20	0.29	0.26	0.08	-2.63
AN	LASU2	40.693	-92.006	-0.04	0.03	2.22	1.40	1.67	1.70	0.33	-2.53
AN	LAVO1	40.54	-121.577	0.00	0.17	0.22	0.15	0.19	0.18	0.05	-1.96
AN	LIGO1	35.972	-81.933	-0.02	0.00	0.89	0.42	0.73	0.64	0.21	-3.80
AN	LOST1	48.642	-102.402	0.00	0.60	0.73	0.80	0.76	0.77	0.14	0.47
AN	MACA1	37.132	-86.148	-0.09	0.00	2.76	1.02	2.07	1.85	0.67	-4.98
AN	MAVI1	41.331	-70.785	-0.04	0.00	1.89	1.10	1.45	1.43	0.27	-2.90
AN	MEAD1	36.019	-114.068	-0.01	0.02	0.32	0.21	0.28	0.25	0.05	-2.33
AN	MELA1	48.487	-104.476	0.00	0.55	0.53	0.57	0.56	0.55	0.14	0.36
AN	MEVE1	37.198	-108.491	-0.01	0.00	0.43	0.22	0.34	0.32	0.10	-3.47
AN	MING1	36.972	-90.143	-0.08	0.00	2.05	0.56	1.45	1.26	0.52	-6.22
AN	MOHO1	45.289	-121.784	0.00	0.42	0.22	0.17	0.24	0.20	0.11	-1.49
AN	MOMO1	41.821	-73.297	-0.02	0.01	1.06	0.65	0.88	0.83	0.24	-2.57
AN	MONT1	47.122	-113.154	-0.01	0.16	0.24	0.13	0.19	0.18	0.06	-3.20
AN	MOOS1	45.126	-67.266	-0.02	0.00	0.68	0.22	0.48	0.44	0.19	-5.55
AN	MORA1	46.758	-122.124	-0.01	0.02	0.35	0.18	0.31	0.26	0.11	-3.56
AN	MOZI1	40.538	-106.677	-0.01	0.02	0.32	0.19	0.27	0.25	0.06	-2.70
AN	NEBR1	41.889	-100.339	-0.01	0.19	0.66	0.55	0.60	0.60	0.12	-0.92
AN	NOAB1	44.745	-109.382	0.00	0.04	0.18	0.13	0.17	0.15	0.07	-1.92
AN	NOCA1	48.732	-121.065	-0.01	0.05	0.23	0.14	0.20	0.18	0.07	-2.81

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AN	NOCH1	45.65	-106.557	0.00	0.19	0.29	0.22	0.25	0.25	0.04	-1.35
AN	OKEF1	30.74	-82.128	-0.02	0.01	1.66	1.22	1.44	1.43	0.28	-1.64
AN	OLYM1	48.007	-122.973	-0.02	0.05	0.90	0.48	0.73	0.67	0.27	-3.28
AN	ORPI1	31.951	-112.802	0.00	0.16	0.53	0.43	0.47	0.47	0.06	-1.06
AN	PASA1	48.388	-119.927	-0.01	0.05	0.33	0.16	0.25	0.24	0.08	-3.74
AN	PEFO1	35.078	-109.769	-0.01	0.00	0.49	0.22	0.38	0.35	0.10	-4.14
AN	PENO1	44.948	-68.648	0.00	0.62	0.48	0.43	0.44	0.45	0.07	-0.59
AN	PINN1	36.483	-121.157	-0.04	0.01	1.75	1.05	1.41	1.38	0.34	-2.69
AN	PMRF1	44.528	-72.869	-0.02	0.00	0.66	0.28	0.53	0.46	0.15	-4.27
AN	PORE1	38.122	-122.909	-0.04	0.01	1.49	0.74	1.17	1.10	0.33	-3.65
AN	PRIS1	46.696	-68.033	-0.02	0.00	0.53	0.21	0.43	0.36	0.12	-4.67
AN	QUCI1	39.943	-81.338	-0.03	0.01	1.82	1.23	1.53	1.51	0.26	-2.04
AN	QURE1	42.299	-72.335	-0.04	0.00	1.09	0.37	0.83	0.78	0.21	-4.85
AN	QUVA1	33.294	-111.286	-0.01	0.02	0.52	0.31	0.46	0.43	0.07	-2.55
AN	RAFA1	34.734	-120.007	-0.03	0.06	1.25	0.65	0.99	0.93	0.32	-3.37
AN	REDW1	41.561	-124.084	-0.01	0.04	0.55	0.35	0.46	0.44	0.12	-2.40
AN	ROMA1	32.941	-79.657	-0.04	0.00	2.01	1.19	1.61	1.58	0.30	-2.75
AN	ROMO1	40.278	-105.546	0.00	0.60	0.18	0.16	0.17	0.17	0.04	-0.73
AN	SACR1	33.46	-104.404	-0.01	0.03	0.93	0.65	0.81	0.78	0.16	-1.86
AN	SAGA1	34.297	-118.028	-0.06	0.00	1.44	0.38	0.92	0.86	0.56	-6.49
AN	SAGO1	34.194	-116.913	-0.03	0.00	0.75	0.09	0.62	0.40	0.51	-8.58
AN	SAGU1	32.175	-110.737	-0.01	0.03	0.65	0.48	0.56	0.56	0.09	-1.59
AN	SAMA1	30.093	-84.161	-0.03	0.01	1.72	1.09	1.41	1.39	0.25	-2.41
AN	SAPE1	36.014	-106.845	-0.01	0.01	0.32	0.18	0.26	0.25	0.07	-2.79
AN	SAWE1	32.249	-111.218	-0.01	0.10	0.76	0.61	0.68	0.68	0.11	-1.16
AN	SAWT1	44.171	-114.927	0.00	0.09	0.17	0.11	0.15	0.14	0.04	-2.54
AN	SENE1	46.289	-85.95	-0.02	0.00	0.50	0.16	0.36	0.32	0.13	-5.63
AN	SEQU1	36.489	-118.829	-0.04	0.06	1.84	1.09	1.50	1.45	0.47	-2.72
AN	SHEN1	38.523	-78.435	-0.04	0.00	1.54	0.80	1.30	1.15	0.42	-3.36
AN	SHMI1	37.304	-107.484	0.00	0.35	0.24	0.27	0.26	0.26	0.02	0.48
AN	SHRO1	35.394	-82.774	-0.02	0.01	0.89	0.44	0.69	0.65	0.21	-3.66
AN	SIAN1	34.091	-110.942	-0.02	0.00	0.44	0.13	0.33	0.31	0.09	-5.32
AN	SIME1	55.326	-160.506	0.01	0.47	0.31	0.41	0.38	0.36	0.09	1.47
AN	SIPS1	34.343	-87.339	-0.06	0.00	1.91	0.70	1.44	1.27	0.50	-5.02
AN	SNPA1	47.422	-121.426	-0.04	0.00	1.00	0.32	0.68	0.64	0.28	-5.56
AN	STAR1	45.225	-118.513	-0.01	0.01	0.43	0.25	0.34	0.34	0.08	-2.87
AN	SULA1	45.86	-114	-0.01	0.06	0.22	0.12	0.18	0.16	0.07	-3.29

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AN	SWAN1	35.451	-76.207	-0.02	0.20	1.58	1.28	1.50	1.42	0.28	-1.13
AN	SYCA1	35.141	-111.969	-0.01	0.07	0.52	0.28	0.43	0.42	0.09	-3.04
AN	TALL1	38.434	-96.56	-0.04	0.00	1.84	1.01	1.38	1.36	0.25	-3.19
AN	THBA1	44.663	-105.287	0.00	0.04	0.38	0.31	0.33	0.34	0.05	-1.09
AN	THRO1	46.895	-103.378	-0.01	0.18	0.47	0.34	0.44	0.40	0.11	-1.75
AN	THSI1	44.291	-122.043	0.00	0.13	0.20	0.12	0.19	0.16	0.09	-2.42
AN	TONT1	33.655	-111.107	-0.01	0.00	0.51	0.29	0.42	0.40	0.08	-2.85
AN	TRCR1	62.315	-150.316	0.00	0.27	0.13	0.09	0.11	0.11	0.04	-1.88
AN	TRIN1	40.786	-122.805	-0.01	0.01	0.31	0.12	0.26	0.23	0.08	-4.29
AN	ULBE1	47.582	-108.72	0.00	0.09	0.24	0.16	0.22	0.20	0.06	-2.32
AN	UPBU1	35.826	-93.203	-0.05	0.00	1.98	1.00	1.42	1.47	0.39	-3.50
AN	VIIS1	18.336	-64.796	0.00	0.35	1.11	1.06	1.07	1.08	0.09	-0.25
AN	VILA1	40.969	-95.045	-0.07	0.00	2.67	1.34	2.12	1.90	0.66	-3.70
AN	VOYA2	48.413	-92.829	-0.01	0.00	0.34	0.11	0.24	0.22	0.09	-5.56
AN	WEMI1	37.659	-107.8	0.00	0.04	0.20	0.13	0.17	0.16	0.04	-2.22
AN	WHIT1	33.469	-105.535	-0.01	0.03	0.34	0.20	0.27	0.26	0.07	-2.83
AN	WHPA1	46.624	-121.388	0.00	0.34	0.15	0.09	0.13	0.11	0.06	-2.76
AN	WHPE1	36.585	-105.452	0.00	0.08	0.26	0.19	0.21	0.22	0.05	-1.83
AN	WHRI1	39.154	-106.821	0.00	0.57	0.21	0.19	0.20	0.20	0.05	-0.66
AN	WICA1	43.558	-103.484	-0.01	0.00	0.45	0.31	0.40	0.38	0.08	-2.00
AN	WIMO1	34.732	-98.713	-0.02	0.08	1.17	0.87	1.07	1.01	0.17	-1.56
AN	YELL2	44.565	-110.4	0.00	0.05	0.25	0.19	0.22	0.22	0.05	-1.59
AN	YOSE1	37.713	-119.706	-0.01	0.34	0.30	0.18	0.27	0.24	0.11	-2.70
AN	ZICA1	37.198	-113.151	0.00	0.19	0.29	0.24	0.28	0.26	0.05	-0.87
POM	ACAD1	44.377	-68.261	-0.04	0.00	2.19	1.45	1.87	1.82	0.34	-2.14
POM	AGTI1	33.464	-116.971	-0.05	0.12	2.68	1.81	2.35	2.24	0.58	-2.02
POM	BADL1	43.743	-101.941	-0.04	0.01	1.96	1.22	1.63	1.59	0.69	-2.47
POM	BALD1	34.058	-109.441	-0.04	0.00	1.46	0.79	1.08	1.11	0.22	-3.17
POM	BAND1	35.78	-106.266	-0.06	0.00	2.27	1.08	1.73	1.68	0.46	-3.72
POM	BIBE1	29.303	-103.178	-0.01	0.60	1.57	1.41	1.56	1.49	0.35	-0.57
POM	BLIS1	38.976	-120.103	-0.02	0.25	1.09	0.78	1.00	0.94	0.36	-1.68
POM	BOAP1	33.869	-106.852	-0.05	0.00	2.34	1.30	1.83	1.82	0.37	-3.00
POM	BOND1	40.052	-88.373	-0.07	0.00	4.16	2.75	3.44	3.42	0.68	-2.16
POM	BOWA1	47.947	-91.495	-0.06	0.00	1.74	0.51	1.28	1.12	0.52	-5.77
POM	BRCA1	37.618	-112.174	-0.03	0.01	1.01	0.51	0.78	0.76	0.24	-3.46
POM	BRID1	42.975	-109.758	-0.03	0.02	0.83	0.35	0.61	0.59	0.24	-4.29
POM	BRIG1	39.465	-74.449	-0.08	0.01	4.22	2.71	3.38	3.43	0.69	-2.33

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
POM	BRMA1	44.107	-70.729	-0.06	0.01	2.83	1.69	2.30	2.35	0.36	-2.55
POM	CABA1	43.833	-70.064	-0.06	0.00	3.51	2.40	3.06	2.93	0.49	-1.99
POM	CABI1	47.955	-115.671	-0.01	0.51	0.96	0.68	0.87	0.81	0.31	-1.84
POM	CACO1	41.976	-70.024	-0.05	0.00	2.28	1.33	1.98	1.78	0.41	-2.80
POM	CACR1	34.454	-94.143	-0.13	0.00	4.34	1.83	3.33	3.02	0.96	-4.37
POM	CANY1	38.459	-109.821	-0.02	0.04	1.02	0.65	0.82	0.83	0.20	-2.34
POM	CAPI1	38.302	-111.293	-0.02	0.06	1.08	0.77	0.93	0.91	0.26	-1.80
POM	CEBL1	38.77	-99.763	-0.04	0.01	2.05	1.31	1.60	1.62	0.30	-2.39
POM	CHAS1	28.748	-82.555	-0.11	0.01	6.07	3.97	5.21	5.02	0.87	-2.20
POM	CHIR1	32.009	-109.389	-0.01	0.24	1.23	0.98	1.14	1.11	0.24	-1.17
POM	COHU1	34.785	-84.627	-0.13	0.00	4.79	2.26	3.66	3.39	0.89	-3.93
POM	CORI1	45.664	-121.001	-0.05	0.02	2.89	1.88	2.49	2.39	0.53	-2.22
POM	CRLA1	42.896	-122.136	0.00	0.92	0.47	0.46	0.49	0.47	0.11	-0.11
POM	CRMO1	43.46	-113.555	-0.02	0.04	0.94	0.48	0.77	0.70	0.26	-3.47
POM	DENA1	63.723	-148.967	0.00	0.95	0.43	0.44	0.43	0.44	0.14	0.05
POM	DOME1	35.728	-118.138	-0.02	0.12	2.28	1.91	2.01	2.09	0.41	-0.94
POM	DOSO1	39.105	-79.426	-0.14	0.00	4.39	1.76	3.20	3.08	0.98	-4.49
POM	EGBE1	44.231	-79.783	-0.04	0.06	2.71	2.00	2.28	2.24	0.31	-1.67
POM	EVER1	25.391	-80.681	-0.06	0.00	2.88	1.67	2.31	2.25	0.52	-2.84
POM	FLAT1	47.773	-114.269	-0.02	0.08	1.13	0.73	0.95	0.90	0.28	-2.32
POM	FOPE1	48.308	-105.102	-0.04	0.00	2.05	1.27	1.65	1.60	0.24	-2.55
POM	FRRE1	39.706	-79.012	-0.09	0.00	4.11	2.44	3.16	3.10	0.49	-2.84
POM	GAMO1	46.826	-111.711	-0.01	0.15	0.64	0.40	0.54	0.51	0.17	-2.55
POM	GICL1	33.22	-108.235	-0.04	0.01	1.57	0.89	1.24	1.23	0.32	-2.94
POM	GLAC1	48.511	-113.997	-0.09	0.01	3.46	1.66	2.69	2.56	0.82	-3.70
POM	GRBA1	39.005	-114.216	-0.06	0.00	1.57	0.49	1.14	1.03	0.45	-5.56
POM	GRCA2	36.066	-112.154	-0.01	0.12	0.78	0.57	0.69	0.67	0.19	-1.59
POM	GRGU1	44.308	-71.218	-0.06	0.00	2.06	0.90	1.54	1.45	0.40	-4.18
POM	GRR11	43.937	-91.405	-0.09	0.00	3.78	2.02	2.86	2.76	0.51	-3.36
POM	GRSA1	37.725	-105.519	-0.02	0.05	1.72	1.35	1.60	1.54	0.22	-1.27
POM	GRSM1	35.633	-83.942	-0.15	0.00	5.09	2.23	3.75	3.66	1.06	-4.12
POM	GUMO1	31.833	-104.809	-0.03	0.08	1.77	1.17	1.55	1.47	0.37	-2.17
POM	HAVO1	19.431	-155.258	0.00	0.97	0.25	0.26	0.39	0.26	0.51	0.09
POM	HECA1	44.97	-116.844	-0.02	0.25	1.62	1.18	1.48	1.39	0.39	-1.67
POM	HEGL1	36.614	-92.922	-0.12	0.00	5.13	2.88	4.16	3.94	0.82	-3.01
POM	HOOV1	38.088	-119.177	0.00	0.62	0.54	0.47	0.53	0.50	0.19	-0.76
POM	IKBA1	34.34	-111.683	-0.03	0.00	2.05	1.48	1.76	1.76	0.40	-1.70

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
POM	ISLE1	47.46	-88.149	-0.02	0.01	1.06	0.69	0.86	0.87	0.20	-2.23
POM	JARB1	41.893	-115.426	-0.02	0.03	0.75	0.34	0.57	0.54	0.24	-3.96
POM	JARI1	37.627	-79.512	-0.12	0.00	5.66	3.37	4.55	4.46	0.96	-2.70
POM	JOSH1	34.07	-116.389	-0.05	0.00	1.94	1.04	1.52	1.49	0.37	-3.20
POM	KAIS1	37.221	-119.155	0.00	0.73	0.69	0.60	0.68	0.64	0.22	-0.74
POM	KALM1	42.552	-124.059	-0.01	0.44	2.49	2.25	2.52	2.37	0.41	-0.53
POM	LABE1	41.712	-121.507	-0.02	0.10	1.10	0.70	1.02	0.90	0.36	-2.30
POM	LASU2	40.693	-92.006	-0.08	0.00	3.99	2.50	3.17	3.05	0.51	-2.57
POM	LAVO1	40.54	-121.577	-0.01	0.30	0.81	0.63	0.68	0.72	0.23	-1.28
POM	LIGO1	35.972	-81.933	-0.11	0.00	4.22	2.20	3.29	3.21	0.86	-3.31
POM	LOST1	48.642	-102.402	-0.06	0.00	2.25	1.16	1.75	1.70	0.43	-3.37
POM	MACA1	37.132	-86.148	-0.14	0.00	5.97	3.28	4.62	4.63	0.97	-3.06
POM	MAVI1	41.331	-70.785	-0.06	0.00	2.58	1.50	2.05	1.95	0.45	-2.91
POM	MEAD1	36.019	-114.068	-0.03	0.06	1.26	0.71	1.01	0.94	0.26	-3.12
POM	MELA1	48.487	-104.476	-0.03	0.00	1.63	1.01	1.40	1.32	0.33	-2.46
POM	MEVE1	37.198	-108.491	-0.04	0.00	1.35	0.67	1.14	1.01	0.39	-3.55
POM	MING1	36.972	-90.143	-0.13	0.01	6.15	3.68	4.94	4.66	1.35	-2.79
POM	MOHO1	45.289	-121.784	-0.01	0.05	0.42	0.19	0.38	0.30	0.37	-3.94
POM	MOMO1	41.821	-73.297	-0.06	0.00	2.70	1.46	2.12	2.02	0.40	-3.22
POM	MONT1	47.122	-113.154	-0.04	0.03	1.68	0.83	1.32	1.23	0.49	-3.65
POM	MOOS1	45.126	-67.266	-0.08	0.00	2.75	1.23	2.09	1.99	0.51	-4.01
POM	MORA1	46.758	-122.124	-0.02	0.08	1.27	0.84	1.05	1.06	0.28	-2.13
POM	MOZI1	40.538	-106.677	-0.02	0.01	0.86	0.44	0.62	0.64	0.18	-3.45
POM	NEBR1	41.889	-100.339	-0.02	0.10	1.56	1.11	1.31	1.30	0.22	-1.82
POM	NOAB1	44.745	-109.382	-0.03	0.00	0.68	0.09	0.49	0.37	0.25	-8.37
POM	NOCA1	48.732	-121.065	-0.01	0.06	0.61	0.43	0.54	0.52	0.17	-1.87
POM	NOCH1	45.65	-106.557	-0.01	0.36	0.97	0.85	0.86	0.90	0.22	-0.71
POM	OKEF1	30.74	-82.128	-0.13	0.00	6.39	3.88	5.48	5.13	0.97	-2.57
POM	OLYM1	48.007	-122.973	-0.05	0.08	1.56	0.58	1.13	1.02	0.52	-5.03
POM	ORPI1	31.951	-112.802	-0.03	0.07	1.87	1.21	1.52	1.49	0.44	-2.34
POM	PASA1	48.388	-119.927	-0.01	0.06	0.52	0.34	0.45	0.43	0.11	-2.28
POM	PEFO1	35.078	-109.769	-0.06	0.00	1.88	0.71	1.49	1.30	0.48	-4.76
POM	PENO1	44.948	-68.648	-0.06	0.01	3.41	2.26	2.64	2.65	0.39	-2.28
POM	PINN1	36.483	-121.157	-0.03	0.14	2.45	1.93	2.21	2.19	0.42	-1.24
POM	PITT1	40.465	-79.961	-0.13	0.00	6.86	4.44	5.37	5.40	0.94	-2.36
POM	PMRF1	44.528	-72.869	-0.07	0.00	3.08	1.76	2.36	2.38	0.45	-2.90
POM	PORE1	38.122	-122.909	0.00	0.56	0.72	0.66	0.68	0.69	0.22	-0.50

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
POM	PRIS1	46.696	-68.033	-0.09	0.00	3.43	1.79	2.52	2.57	0.58	-3.37
POM	QUCI1	39.943	-81.338	-0.10	0.00	5.33	3.41	4.17	4.32	0.70	-2.34
POM	QURE1	42.299	-72.335	-0.10	0.00	3.63	1.69	2.80	2.82	0.53	-3.63
POM	QUVA1	33.294	-111.286	-0.06	0.01	2.70	1.57	2.29	2.22	0.35	-2.68
POM	RAFA1	34.734	-120.007	-0.02	0.27	1.47	1.15	1.35	1.31	0.39	-1.31
POM	REDW1	41.561	-124.084	-0.02	0.03	1.10	0.65	0.94	0.87	0.26	-2.76
POM	ROMA1	32.941	-79.657	-0.08	0.00	4.55	2.99	3.81	3.77	0.82	-2.17
POM	ROMO1	40.278	-105.546	-0.02	0.01	0.98	0.55	0.84	0.76	0.26	-2.96
POM	SACR1	33.46	-104.404	-0.04	0.00	2.35	1.68	1.99	2.00	0.32	-1.76
POM	SAGA1	34.297	-118.028	-0.06	0.00	1.48	0.31	1.02	0.83	0.45	-7.38
POM	SAGO1	34.194	-116.913	-0.05	0.00	1.62	0.61	1.30	1.12	0.46	-4.77
POM	SAGU1	32.175	-110.737	-0.04	0.03	2.51	1.80	2.22	2.14	0.43	-1.75
POM	SAMA1	30.093	-84.161	-0.07	0.00	4.54	3.26	3.91	3.87	0.54	-1.74
POM	SAPE1	36.014	-106.845	-0.01	0.06	0.82	0.56	0.67	0.68	0.17	-1.98
POM	SAWE1	32.249	-111.218	-0.06	0.01	2.96	1.83	2.42	2.34	0.39	-2.54
POM	SAWT1	44.171	-114.927	-0.08	0.00	3.08	1.53	2.21	2.26	0.67	-3.61
POM	SENE1	46.289	-85.95	-0.04	0.00	1.45	0.76	1.08	1.10	0.30	-3.28
POM	SEQU1	36.489	-118.829	-0.04	0.22	3.61	2.84	3.35	3.22	0.73	-1.26
POM	SHEN1	38.523	-78.435	-0.05	0.00	2.98	1.98	2.36	2.48	0.49	-2.13
POM	SHMI1	37.304	-107.484	-0.01	0.18	1.49	1.21	1.29	1.31	0.15	-1.12
POM	SHRO1	35.394	-82.774	-0.09	0.00	2.94	1.14	2.00	2.09	0.80	-4.52
POM	SIAN1	34.091	-110.942	-0.12	0.00	3.35	1.10	2.47	2.46	0.65	-4.81
POM	SIME1	55.326	-160.506	0.00	0.49	0.25	0.20	0.24	0.22	0.08	-1.07
POM	SIPS1	34.343	-87.339	-0.13	0.00	6.25	3.82	5.08	5.04	1.02	-2.54
POM	SNPA1	47.422	-121.426	-0.04	0.00	0.97	0.28	0.73	0.63	0.37	-5.77
POM	STAR1	45.225	-118.513	-0.04	0.01	1.24	0.42	1.18	0.83	0.92	-5.22
POM	SULA1	45.86	-114	-0.04	0.00	0.94	0.19	0.60	0.55	0.25	-7.18
POM	SWAN1	35.451	-76.207	0.00	0.92	2.77	2.72	2.68	2.74	0.60	-0.08
POM	SYCA1	35.141	-111.969	-0.02	0.46	2.24	1.80	2.08	2.06	0.37	-1.12
POM	TALL1	38.434	-96.56	-0.07	0.00	3.37	2.13	2.86	2.65	0.51	-2.46
POM	THBA1	44.663	-105.287	-0.03	0.01	1.78	1.25	1.45	1.45	0.23	-1.92
POM	THRO1	46.895	-103.378	-0.03	0.00	1.93	1.29	1.59	1.61	0.30	-2.10
POM	THSI1	44.291	-122.043	-0.01	0.04	0.57	0.32	0.47	0.44	0.14	-3.01
POM	TONT1	33.655	-111.107	-0.06	0.00	2.53	1.46	2.05	2.00	0.44	-2.83
POM	TRCR1	62.315	-150.316	0.00	0.68	0.39	0.42	0.41	0.41	0.09	0.32
POM	TRIN1	40.786	-122.805	-0.03	0.06	1.28	0.65	1.02	1.00	0.38	-3.31
POM	ULBE1	47.582	-108.72	-0.02	0.15	1.16	0.82	1.05	0.99	0.28	-1.85

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
POM	UPBU1	35.826	-93.203	-0.08	0.00	4.15	2.57	3.56	3.36	0.74	-2.47
POM	VIIS1	18.336	-64.796	0.01	0.09	0.24	0.40	0.36	0.32	0.18	2.65
POM	VILA1	40.969	-95.045	-0.08	0.00	3.63	2.11	2.74	2.75	0.56	-2.93
POM	VOYA2	48.413	-92.829	-0.07	0.00	2.18	0.87	1.57	1.53	0.54	-4.51
POM	WEMI1	37.659	-107.8	-0.04	0.00	1.23	0.44	0.95	0.84	0.31	-4.94
POM	WHIT1	33.469	-105.535	-0.03	0.01	1.32	0.79	1.11	1.03	0.32	-2.73
POM	WHPA1	46.624	-121.388	-0.01	0.02	0.33	0.19	0.27	0.26	0.10	-2.83
POM	WHPE1	36.585	-105.452	-0.03	0.03	0.89	0.31	0.65	0.58	0.28	-5.20
POM	WHRI1	39.154	-106.821	-0.02	0.00	0.54	0.21	0.45	0.37	0.18	-4.65
POM	WICA1	43.558	-103.484	-0.04	0.00	1.62	0.91	1.27	1.27	0.33	-2.96
POM	WIMO1	34.732	-98.713	-0.07	0.00	3.46	2.05	2.78	2.72	0.57	-2.72
POM	YELL2	44.565	-110.4	-0.02	0.09	1.12	0.72	0.96	0.92	0.30	-2.25
POM	YOSE1	37.713	-119.706	0.01	0.65	1.10	1.23	1.14	1.16	0.38	0.63
POM	ZICA1	37.198	-113.151	-0.03	0.03	1.69	1.04	1.35	1.31	0.29	-2.62
EC	ACAD1	44.377	-68.261	-0.03	0.00	0.70	0.08	0.44	0.39	0.22	-8.33
EC	AGTI1	33.464	-116.971	-0.06	0.00	1.26	0.07	0.85	0.67	0.41	-9.35
EC	BADL1	43.743	-101.941	-0.02	0.00	0.60	0.17	0.38	0.38	0.16	-5.94
EC	BALD1	34.058	-109.441	-0.02	0.00	0.44	0.08	0.29	0.25	0.12	-7.54
EC	BAND1	35.78	-106.266	-0.03	0.00	0.74	0.14	0.49	0.44	0.21	-7.20
EC	BIBE1	29.303	-103.178	-0.01	0.04	0.45	0.29	0.37	0.37	0.10	-2.24
EC	BLIS1	38.976	-120.103	-0.02	0.00	0.40	-0.01	0.25	0.21	0.17	-10.37
EC	BOAP1	33.869	-106.852	-0.02	0.00	0.68	0.31	0.51	0.49	0.16	-3.99
EC	BOND1	40.052	-88.373	-0.06	0.00	1.95	0.73	1.42	1.31	0.41	-4.90
EC	BOWA1	47.947	-91.495	-0.02	0.00	0.41	0.07	0.28	0.24	0.15	-7.54
EC	BRCA1	37.618	-112.174	-0.01	0.00	0.28	0.02	0.17	0.15	0.10	-8.88
EC	BRID1	42.975	-109.758	-0.01	0.00	0.22	0.05	0.13	0.14	0.08	-6.42
EC	BRIG1	39.465	-74.449	-0.07	0.00	1.74	0.36	1.06	1.02	0.48	-7.14
EC	BRMA1	44.107	-70.729	-0.05	0.00	1.02	0.16	0.68	0.66	0.23	-6.88
EC	CABA1	43.833	-70.064	-0.05	0.00	1.35	0.49	0.91	0.90	0.28	-5.03
EC	CABI1	47.955	-115.671	-0.01	0.02	0.28	0.07	0.19	0.17	0.10	-6.24
EC	CACO1	41.976	-70.024	-0.02	0.00	0.53	0.08	0.32	0.29	0.14	-8.15
EC	CACR1	34.454	-94.143	-0.05	0.00	1.27	0.39	0.92	0.81	0.37	-5.75
EC	CANY1	38.459	-109.821	-0.01	0.00	0.33	0.11	0.22	0.22	0.09	-5.19
EC	CAPI1	38.302	-111.293	-0.02	0.01	0.37	0.08	0.24	0.21	0.10	-7.45
EC	CEBL1	38.77	-99.763	-0.03	0.00	0.84	0.19	0.50	0.46	0.18	-7.44
EC	CHAS1	28.748	-82.555	-0.08	0.00	2.01	0.54	1.44	1.28	0.55	-6.05
EC	CHIR1	32.009	-109.389	-0.01	0.01	0.43	0.17	0.32	0.30	0.11	-4.66

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
EC	COHU1	34.785	-84.627	-0.05	0.00	1.58	0.55	1.10	1.01	0.41	-5.34
EC	CORI1	45.664	-121.001	-0.04	0.00	1.05	0.24	0.75	0.65	0.30	-6.55
EC	CRLA1	42.896	-122.136	-0.01	0.01	0.32	0.07	0.19	0.19	0.10	-6.88
EC	CRMO1	43.46	-113.555	-0.02	0.00	0.33	-0.01	0.18	0.16	0.11	-11.61
EC	DENA1	63.723	-148.967	0.00	0.03	0.10	0.03	0.06	0.06	0.04	-6.14
EC	DOME1	35.728	-118.138	-0.03	0.00	0.78	0.29	0.52	0.52	0.18	-4.95
EC	DOSO1	39.105	-79.426	-0.06	0.00	1.63	0.40	1.06	1.02	0.46	-6.34
EC	EGBE1	44.231	-79.783	-0.02	0.09	0.96	0.57	0.75	0.71	0.15	-2.87
EC	EVER1	25.391	-80.681	-0.02	0.01	0.46	0.18	0.34	0.31	0.17	-4.78
EC	FLAT1	47.773	-114.269	-0.01	0.04	0.33	0.08	0.18	0.18	0.10	-7.32
EC	FOPE1	48.308	-105.102	-0.01	0.05	0.42	0.25	0.33	0.33	0.08	-2.75
EC	FRRE1	39.706	-79.012	-0.07	0.00	2.15	0.75	1.38	1.30	0.41	-5.69
EC	GAMO1	46.826	-111.711	-0.01	0.08	0.13	0.03	0.09	0.08	0.07	-6.67
EC	GICL1	33.22	-108.235	-0.02	0.00	0.46	0.10	0.31	0.28	0.14	-6.89
EC	GLAC1	48.511	-113.997	-0.03	0.02	1.15	0.62	0.87	0.88	0.30	-3.16
EC	GRBA1	39.005	-114.216	-0.02	0.00	0.35	0.02	0.23	0.18	0.14	-9.59
EC	GRCA2	36.066	-112.154	-0.02	0.00	0.35	0.05	0.20	0.20	0.11	-7.91
EC	GRGU1	44.308	-71.218	-0.03	0.00	0.72	0.17	0.47	0.43	0.19	-6.75
EC	GRR11	43.937	-91.405	-0.05	0.00	1.45	0.56	0.99	0.94	0.31	-5.03
EC	GRSA1	37.725	-105.519	-0.02	0.00	0.48	0.13	0.31	0.30	0.12	-6.14
EC	GRSM1	35.633	-83.942	-0.07	0.00	1.83	0.52	1.25	1.17	0.51	-5.88
EC	GUMO1	31.833	-104.809	-0.01	0.19	0.40	0.25	0.38	0.33	0.14	-2.38
EC	HAVO1	19.431	-155.258	0.00	0.04	0.08	0.02	0.04	0.05	0.03	-6.58
EC	HECA1	44.97	-116.844	-0.02	0.00	0.44	0.14	0.32	0.28	0.14	-5.56
EC	HEGL1	36.614	-92.922	-0.05	0.00	1.67	0.74	1.27	1.18	0.35	-4.14
EC	HOOV1	38.088	-119.177	-0.01	0.03	0.18	0.02	0.10	0.09	0.05	-9.63
EC	IKBA1	34.34	-111.683	-0.02	0.00	0.53	0.17	0.41	0.35	0.18	-5.33
EC	ISLE1	47.46	-88.149	-0.01	0.02	0.30	0.10	0.22	0.20	0.11	-5.19
EC	JARB1	41.893	-115.426	-0.01	0.00	0.20	0.00	0.11	0.10	0.07	-10.43
EC	JARI1	37.627	-79.512	-0.09	0.00	2.51	0.84	1.81	1.63	0.61	-5.40
EC	JOSH1	34.07	-116.389	-0.04	0.00	0.76	0.09	0.51	0.43	0.26	-8.31
EC	KAIS1	37.221	-119.155	-0.01	0.08	0.36	0.11	0.26	0.22	0.13	-5.85
EC	KALM1	42.552	-124.059	-0.01	0.00	0.42	0.17	0.32	0.30	0.13	-4.53
EC	LABE1	41.712	-121.507	-0.02	0.00	0.35	0.03	0.21	0.19	0.14	-8.64
EC	LASU2	40.693	-92.006	-0.04	0.03	1.45	0.78	1.13	1.02	0.31	-3.44
EC	LAVO1	40.54	-121.577	-0.01	0.01	0.26	0.08	0.17	0.17	0.09	-5.65
EC	LIGO1	35.972	-81.933	-0.06	0.00	1.64	0.45	1.15	1.04	0.50	-6.03

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
EC	LOST1	48.642	-102.402	0.00	0.95	0.63	0.63	0.62	0.63	0.10	0.03
EC	MACA1	37.132	-86.148	-0.07	0.00	2.33	0.96	1.71	1.65	0.54	-4.38
EC	MAVI1	41.331	-70.785	-0.03	0.00	0.65	0.12	0.37	0.34	0.16	-8.12
EC	MEAD1	36.019	-114.068	-0.02	0.01	0.47	0.11	0.29	0.26	0.13	-7.36
EC	MELA1	48.487	-104.476	-0.01	0.00	0.49	0.22	0.39	0.35	0.14	-4.06
EC	MEVE1	37.198	-108.491	-0.02	0.00	0.39	0.10	0.28	0.25	0.13	-6.16
EC	MING1	36.972	-90.143	-0.05	0.00	2.10	1.19	1.62	1.55	0.54	-3.07
EC	MOHO1	45.289	-121.784	-0.01	0.01	0.14	-0.02	0.08	0.06	0.09	-13.39
EC	MOMO1	41.821	-73.297	-0.04	0.00	1.15	0.34	0.76	0.70	0.27	-6.10
EC	MONT1	47.122	-113.154	-0.02	0.00	0.37	0.08	0.25	0.22	0.10	-6.94
EC	MOOS1	45.126	-67.266	-0.04	0.00	0.72	0.02	0.46	0.37	0.25	-9.82
EC	MORA1	46.758	-122.124	-0.02	0.01	0.39	0.06	0.27	0.23	0.14	-7.86
EC	MOZI1	40.538	-106.677	-0.01	0.00	0.25	0.03	0.15	0.14	0.08	-8.82
EC	NEBR1	41.889	-100.339	-0.02	0.00	0.60	0.18	0.38	0.36	0.15	-6.14
EC	NOAB1	44.745	-109.382	-0.01	0.02	0.15	0.02	0.09	0.09	0.06	-7.89
EC	NOCA1	48.732	-121.065	-0.01	0.00	0.17	0.01	0.09	0.09	0.06	-8.88
EC	NOCH1	45.65	-106.557	-0.01	0.19	0.28	0.14	0.20	0.20	0.08	-3.76
EC	OKEF1	30.74	-82.128	-0.05	0.00	1.39	0.50	1.11	0.94	0.42	-4.94
EC	OLYM1	48.007	-122.973	-0.02	0.01	0.44	0.03	0.25	0.21	0.14	-10.17
EC	ORPI1	31.951	-112.802	-0.01	0.01	0.40	0.19	0.28	0.28	0.08	-3.93
EC	PASA1	48.388	-119.927	-0.01	0.02	0.14	0.02	0.07	0.08	0.05	-7.82
EC	PEFO1	35.078	-109.769	-0.04	0.00	0.98	0.18	0.68	0.58	0.33	-7.30
EC	PENO1	44.948	-68.648	-0.04	0.01	1.23	0.41	0.74	0.69	0.23	-6.26
EC	PINN1	36.483	-121.157	-0.03	0.00	0.69	0.09	0.48	0.39	0.24	-8.10
EC	PITT1	40.465	-79.961	-0.16	0.00	4.68	1.62	3.12	2.83	1.00	-5.69
EC	PMRF1	44.528	-72.869	-0.04	0.00	1.05	0.35	0.70	0.68	0.23	-5.47
EC	PORE1	38.122	-122.909	-0.01	0.00	0.14	0.03	0.09	0.08	0.06	-7.08
EC	PRIS1	46.696	-68.033	-0.05	0.00	1.31	0.37	0.88	0.81	0.33	-6.10
EC	QUCI1	39.943	-81.338	-0.06	0.00	2.33	1.14	1.79	1.70	0.44	-3.68
EC	QURE1	42.299	-72.335	-0.06	0.00	1.37	0.31	0.96	0.92	0.28	-6.06
EC	QUVA1	33.294	-111.286	-0.03	0.00	0.85	0.25	0.62	0.60	0.19	-5.22
EC	RAFA1	34.734	-120.007	-0.02	0.00	0.39	0.05	0.28	0.22	0.17	-8.03
EC	REDW1	41.561	-124.084	-0.01	0.00	0.18	0.04	0.11	0.11	0.06	-7.02
EC	ROMA1	32.941	-79.657	-0.03	0.00	0.94	0.33	0.73	0.64	0.29	-5.01
EC	ROMO1	40.278	-105.546	-0.01	0.04	0.27	0.11	0.18	0.19	0.08	-4.58
EC	SACR1	33.46	-104.404	-0.02	0.03	0.69	0.34	0.55	0.50	0.17	-3.68
EC	SAGA1	34.297	-118.028	-0.02	0.02	0.54	0.10	0.32	0.30	0.17	-7.79

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
EC	SAGO1	34.194	-116.913	-0.04	0.00	0.72	-0.09	0.48	0.32	0.33	-13.39
EC	SAGU1	32.175	-110.737	-0.03	0.00	0.95	0.35	0.73	0.64	0.27	-5.02
EC	SAMA1	30.093	-84.161	-0.05	0.00	1.15	0.20	0.72	0.62	0.33	-7.99
EC	SAPE1	36.014	-106.845	-0.01	0.00	0.32	0.06	0.19	0.18	0.09	-7.66
EC	SAWE1	32.249	-111.218	-0.04	0.00	1.05	0.37	0.78	0.67	0.25	-5.30
EC	SAWT1	44.171	-114.927	-0.02	0.00	0.52	0.08	0.31	0.29	0.15	-7.99
EC	SENE1	46.289	-85.95	-0.01	0.01	0.39	0.13	0.28	0.26	0.13	-5.27
EC	SEQU1	36.489	-118.829	-0.05	0.00	1.13	0.27	0.89	0.70	0.39	-6.50
EC	SHEN1	38.523	-78.435	-0.05	0.00	1.29	0.41	0.92	0.85	0.32	-5.46
EC	SHMI1	37.304	-107.484	-0.02	0.03	0.59	0.16	0.32	0.32	0.13	-7.00
EC	SHRO1	35.394	-82.774	-0.03	0.00	0.76	0.18	0.54	0.49	0.27	-6.24
EC	SIAN1	34.091	-110.942	-0.04	0.00	0.86	0.18	0.60	0.59	0.22	-6.05
EC	SIME1	55.326	-160.506	0.00	0.22	0.06	0.02	0.04	0.04	0.03	-5.42
EC	SIPS1	34.343	-87.339	-0.08	0.00	2.23	0.69	1.65	1.46	0.67	-5.52
EC	SNPA1	47.422	-121.426	-0.03	0.00	0.61	-0.01	0.36	0.30	0.21	-10.80
EC	STAR1	45.225	-118.513	-0.02	0.00	0.32	-0.04	0.23	0.14	0.24	-13.79
EC	SULA1	45.86	-114	-0.01	0.01	0.21	-0.01	0.12	0.10	0.09	-12.18
EC	SWAN1	35.451	-76.207	-0.02	0.00	0.61	0.25	0.43	0.42	0.15	-4.51
EC	SYCA1	35.141	-111.969	-0.03	0.02	0.93	0.27	0.60	0.65	0.22	-5.33
EC	TALL1	38.434	-96.56	-0.04	0.00	1.26	0.54	0.91	0.84	0.25	-4.54
EC	THBA1	44.663	-105.287	-0.02	0.01	0.63	0.21	0.40	0.37	0.17	-6.02
EC	THRO1	46.895	-103.378	-0.02	0.00	0.70	0.32	0.54	0.51	0.18	-3.98
EC	THSI1	44.291	-122.043	-0.01	0.01	0.14	0.00	0.09	0.07	0.08	-10.89
EC	TONT1	33.655	-111.107	-0.02	0.00	0.73	0.32	0.55	0.52	0.18	-4.15
EC	TRCR1	62.315	-150.316	-0.01	0.02	0.16	0.06	0.10	0.10	0.05	-5.16
EC	TRIN1	40.786	-122.805	-0.01	0.00	0.27	0.07	0.19	0.18	0.08	-5.92
EC	ULBE1	47.582	-108.72	-0.01	0.00	0.35	0.11	0.24	0.23	0.11	-5.68
EC	UPBU1	35.826	-93.203	-0.04	0.00	1.36	0.55	1.04	0.96	0.33	-4.49
EC	VIIS1	18.336	-64.796	-0.01	0.00	0.21	-0.02	0.11	0.10	0.07	-11.93
EC	VILA1	40.969	-95.045	-0.04	0.00	1.48	0.70	1.06	1.03	0.25	-4.01
EC	VOYA2	48.413	-92.829	-0.02	0.00	0.49	0.06	0.32	0.28	0.17	-8.21
EC	WEMI1	37.659	-107.8	-0.03	0.00	0.58	-0.02	0.35	0.28	0.20	-11.09
EC	WHIT1	33.469	-105.535	-0.01	0.02	0.36	0.14	0.28	0.24	0.12	-5.00
EC	WHPA1	46.624	-121.388	0.00	0.10	0.11	0.04	0.07	0.08	0.06	-4.90
EC	WHPE1	36.585	-105.452	-0.01	0.01	0.30	0.05	0.19	0.17	0.08	-7.83
EC	WHRI1	39.154	-106.821	-0.01	0.00	0.27	0.01	0.18	0.14	0.09	-10.00
EC	WICA1	43.558	-103.484	-0.02	0.00	0.56	0.14	0.38	0.35	0.16	-6.34

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
EC	WIMO1	34.732	-98.713	-0.03	0.01	1.07	0.52	0.75	0.78	0.26	-3.68
EC	YELL2	44.565	-110.4	-0.01	0.00	0.23	0.03	0.15	0.13	0.08	-7.91
EC	YOSE1	37.713	-119.706	-0.01	0.08	0.30	0.13	0.25	0.21	0.13	-4.32
EC	ZICA1	37.198	-113.151	-0.02	0.00	0.55	0.23	0.36	0.36	0.14	-4.67
FD	ACAD1	44.377	-68.261	0.00	0.00	0.06	0.03	0.04	0.04	0.02	-3.76
FD	AGTI1	33.464	-116.971	0.00	0.12	0.22	0.13	0.18	0.17	0.05	-2.46
FD	BADL1	43.743	-101.941	-0.01	0.00	0.23	0.12	0.17	0.17	0.04	-3.29
FD	BALD1	34.058	-109.441	0.00	0.02	0.15	0.07	0.12	0.11	0.05	-3.76
FD	BAND1	35.78	-106.266	0.00	0.02	0.17	0.11	0.14	0.14	0.03	-2.24
FD	BIBE1	29.303	-103.178	-0.01	0.04	0.29	0.16	0.23	0.22	0.08	-2.88
FD	BLIS1	38.976	-120.103	0.00	0.01	0.08	0.04	0.07	0.06	0.02	-3.62
FD	BOAP1	33.869	-106.852	0.00	0.70	0.24	0.22	0.24	0.23	0.08	-0.55
FD	BOND1	40.052	-88.373	-0.01	0.00	0.32	0.14	0.19	0.22	0.07	-4.25
FD	BOWA1	47.947	-91.495	0.00	0.00	0.09	0.01	0.05	0.05	0.03	-7.77
FD	BRCA1	37.618	-112.174	0.00	0.01	0.10	0.05	0.08	0.08	0.03	-3.33
FD	BRID1	42.975	-109.758	0.00	0.00	0.07	0.02	0.05	0.05	0.02	-5.14
FD	BRIG1	39.465	-74.449	-0.01	0.00	0.19	0.07	0.14	0.13	0.05	-5.16
FD	BRMA1	44.107	-70.729	0.00	0.10	0.05	0.03	0.05	0.04	0.01	-2.01
FD	CABA1	43.833	-70.064	0.00	0.03	0.07	0.04	0.06	0.06	0.02	-2.85
FD	CABI1	47.955	-115.671	0.00	0.00	0.07	0.03	0.05	0.05	0.02	-4.90
FD	CACO1	41.976	-70.024	0.00	0.00	0.08	0.05	0.07	0.06	0.02	-2.81
FD	CACR1	34.454	-94.143	-0.01	0.00	0.25	0.06	0.14	0.15	0.06	-6.56
FD	CANY1	38.459	-109.821	0.00	0.06	0.14	0.08	0.12	0.11	0.04	-2.54
FD	CAPI1	38.302	-111.293	0.00	0.01	0.15	0.08	0.11	0.11	0.03	-3.48
FD	CEBL1	38.77	-99.763	-0.01	0.05	0.26	0.14	0.20	0.19	0.07	-3.28
FD	CHAS1	28.748	-82.555	-0.01	0.00	0.24	0.08	0.16	0.15	0.06	-5.73
FD	CHIR1	32.009	-109.389	0.00	0.06	0.21	0.15	0.20	0.18	0.07	-1.94
FD	COHU1	34.785	-84.627	-0.01	0.00	0.18	0.05	0.12	0.10	0.06	-6.62
FD	CORI1	45.664	-121.001	0.00	0.09	0.20	0.14	0.17	0.17	0.06	-1.90
FD	CRLA1	42.896	-122.136	0.00	0.18	0.04	0.03	0.03	0.03	0.01	-2.34
FD	CRMO1	43.46	-113.555	0.00	0.00	0.10	0.04	0.06	0.07	0.02	-4.75
FD	DENA1	63.723	-148.967	0.00	0.00	0.03	0.01	0.02	0.02	0.01	-6.26
FD	DOME1	35.728	-118.138	0.00	0.34	0.12	0.09	0.11	0.10	0.05	-1.34
FD	DOSO1	39.105	-79.426	-0.01	0.00	0.13	0.03	0.10	0.08	0.05	-6.43
FD	EGBE1	44.231	-79.783	0.00	0.03	0.10	0.04	0.07	0.06	0.02	-4.99
FD	EVER1	25.391	-80.681	0.00	0.00	0.13	0.07	0.10	0.10	0.02	-2.77
FD	FLAT1	47.773	-114.269	0.00	0.00	0.05	0.02	0.03	0.03	0.01	-5.53

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
FD	FOPE1	48.308	-105.102	-0.01	0.00	0.21	0.05	0.13	0.12	0.06	-7.33
FD	FRRE1	39.706	-79.012	-0.01	0.00	0.22	0.05	0.13	0.12	0.06	-7.62
FD	GAMO1	46.826	-111.711	0.00	0.00	0.06	0.02	0.04	0.04	0.01	-5.74
FD	GICL1	33.22	-108.235	0.00	0.10	0.14	0.10	0.12	0.12	0.04	-1.91
FD	GLAC1	48.511	-113.997	0.00	0.00	0.11	0.04	0.09	0.08	0.03	-4.61
FD	GRBA1	39.005	-114.216	0.00	0.02	0.10	0.06	0.08	0.08	0.02	-2.21
FD	GRCA2	36.066	-112.154	0.00	0.52	0.10	0.09	0.10	0.10	0.03	-0.72
FD	GRGU1	44.308	-71.218	0.00	0.01	0.04	0.02	0.04	0.03	0.02	-3.74
FD	GRII1	43.937	-91.405	-0.01	0.00	0.19	0.04	0.12	0.10	0.05	-7.23
FD	GRSA1	37.725	-105.519	0.00	0.10	0.19	0.13	0.17	0.16	0.06	-2.08
FD	GRSM1	35.633	-83.942	-0.01	0.00	0.16	0.03	0.11	0.09	0.06	-7.49
FD	GUMO1	31.833	-104.809	0.01	0.07	0.24	0.36	0.32	0.30	0.14	2.20
FD	HAVO1	19.431	-155.258	0.00	0.00	0.03	0.01	0.02	0.02	0.01	-5.00
FD	HECA1	44.97	-116.844	0.00	0.00	0.10	0.03	0.06	0.06	0.02	-5.36
FD	HEGL1	36.614	-92.922	-0.01	0.00	0.28	0.10	0.17	0.19	0.06	-5.06
FD	HOOV1	38.088	-119.177	0.00	0.31	0.07	0.11	0.10	0.09	0.03	1.98
FD	IKBA1	34.34	-111.683	0.00	0.90	0.19	0.18	0.22	0.19	0.08	-0.01
FD	ISLE1	47.46	-88.149	0.00	0.00	0.08	0.04	0.06	0.06	0.02	-4.14
FD	JARB1	41.893	-115.426	0.00	0.01	0.07	0.04	0.06	0.06	0.02	-2.91
FD	JARI1	37.627	-79.512	-0.01	0.00	0.20	0.08	0.15	0.14	0.06	-4.78
FD	JOSH1	34.07	-116.389	0.00	0.15	0.21	0.15	0.21	0.18	0.06	-1.86
FD	KAIS1	37.221	-119.155	0.00	0.02	0.08	0.04	0.06	0.06	0.02	-3.95
FD	KALM1	42.552	-124.059	0.00	0.00	0.03	0.01	0.03	0.02	0.01	-4.50
FD	LABE1	41.712	-121.507	0.00	0.00	0.06	0.02	0.04	0.04	0.02	-5.58
FD	LASU2	40.693	-92.006	-0.01	0.00	0.25	0.07	0.16	0.14	0.05	-6.71
FD	LAVO1	40.54	-121.577	0.00	0.01	0.05	0.02	0.04	0.04	0.02	-5.00
FD	LIGO1	35.972	-81.933	-0.01	0.00	0.15	0.03	0.10	0.09	0.05	-6.69
FD	LOST1	48.642	-102.402	-0.01	0.00	0.21	0.11	0.15	0.16	0.05	-3.34
FD	MACA1	37.132	-86.148	-0.01	0.00	0.30	0.11	0.19	0.21	0.08	-4.81
FD	MAVI1	41.331	-70.785	0.00	0.02	0.10	0.06	0.08	0.07	0.02	-3.09
FD	MEAD1	36.019	-114.068	-0.01	0.32	0.26	0.14	0.24	0.19	0.11	-3.06
FD	MELA1	48.487	-104.476	0.00	0.01	0.17	0.11	0.15	0.14	0.04	-2.32
FD	MEVE1	37.198	-108.491	-0.01	0.00	0.19	0.08	0.14	0.13	0.06	-4.30
FD	MING1	36.972	-90.143	-0.01	0.00	0.37	0.16	0.23	0.26	0.08	-4.15
FD	MOHO1	45.289	-121.784	0.00	0.04	0.02	0.01	0.02	0.02	0.01	-2.62
FD	MOMO1	41.821	-73.297	0.00	0.00	0.09	0.02	0.07	0.05	0.02	-6.76
FD	MONT1	47.122	-113.154	0.00	0.00	0.05	0.01	0.04	0.03	0.02	-6.41

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
FD	MOOS1	45.126	-67.266	0.00	0.00	0.07	0.02	0.05	0.04	0.02	-6.45
FD	MORA1	46.758	-122.124	0.00	0.00	0.03	0.01	0.02	0.02	0.01	-6.12
FD	MOZI1	40.538	-106.677	0.00	0.00	0.08	0.03	0.05	0.05	0.02	-5.77
FD	NEBR1	41.889	-100.339	-0.01	0.00	0.26	0.10	0.16	0.17	0.05	-5.06
FD	NOAB1	44.745	-109.382	0.00	0.00	0.08	0.04	0.06	0.06	0.02	-4.08
FD	NOCA1	48.732	-121.065	0.00	0.00	0.02	0.00	0.02	0.01	0.01	-7.71
FD	NOCH1	45.65	-106.557	0.00	0.01	0.15	0.08	0.11	0.11	0.03	-3.66
FD	OKEF1	30.74	-82.128	0.00	0.00	0.18	0.08	0.15	0.13	0.06	-3.79
FD	OLYM1	48.007	-122.973	0.00	0.03	0.03	0.01	0.02	0.02	0.01	-4.92
FD	ORPI1	31.951	-112.802	0.00	0.80	0.42	0.36	0.39	0.38	0.12	-0.86
FD	PASA1	48.388	-119.927	0.00	0.00	0.03	0.01	0.03	0.02	0.01	-5.48
FD	PEFO1	35.078	-109.769	0.00	0.02	0.24	0.17	0.22	0.20	0.07	-1.75
FD	PENO1	44.948	-68.648	0.00	0.01	0.12	0.04	0.07	0.07	0.02	-6.07
FD	PINN1	36.483	-121.157	0.00	0.02	0.10	0.07	0.09	0.09	0.02	-1.72
FD	PMRF1	44.528	-72.869	0.00	0.00	0.07	0.03	0.05	0.04	0.02	-4.86
FD	PORE1	38.122	-122.909	0.00	0.00	0.07	0.03	0.05	0.05	0.02	-4.10
FD	PRIS1	46.696	-68.033	-0.01	0.00	0.16	0.05	0.11	0.10	0.04	-5.90
FD	QUCI1	39.943	-81.338	-0.01	0.01	0.25	0.10	0.18	0.17	0.07	-4.43
FD	QURE1	42.299	-72.335	0.00	0.10	0.08	0.04	0.07	0.07	0.02	-3.23
FD	QUVA1	33.294	-111.286	-0.01	0.10	0.42	0.25	0.40	0.35	0.13	-2.67
FD	RAFA1	34.734	-120.007	0.00	0.09	0.11	0.08	0.11	0.10	0.03	-1.75
FD	REDW1	41.561	-124.084	0.00	0.06	0.03	0.02	0.02	0.02	0.01	-2.59
FD	ROMA1	32.941	-79.657	0.00	0.15	0.14	0.09	0.13	0.12	0.04	-2.10
FD	ROMO1	40.278	-105.546	0.00	0.03	0.13	0.07	0.10	0.10	0.03	-2.76
FD	SACR1	33.46	-104.404	0.00	0.75	0.29	0.27	0.31	0.28	0.11	-0.22
FD	SAGA1	34.297	-118.028	0.00	0.02	0.17	0.09	0.13	0.13	0.04	-3.46
FD	SAGO1	34.194	-116.913	0.00	0.00	0.16	0.08	0.12	0.12	0.04	-3.47
FD	SAGU1	32.175	-110.737	-0.02	0.00	0.68	0.26	0.49	0.46	0.17	-4.79
FD	SAMA1	30.093	-84.161	-0.01	0.01	0.19	0.06	0.13	0.12	0.05	-5.24
FD	SAPE1	36.014	-106.845	0.00	0.03	0.13	0.08	0.12	0.10	0.06	-2.38
FD	SAWE1	32.249	-111.218	-0.02	0.08	0.96	0.51	0.77	0.71	0.29	-3.36
FD	SAWT1	44.171	-114.927	0.00	0.00	0.07	0.02	0.05	0.05	0.02	-5.73
FD	SENE1	46.289	-85.95	0.00	0.00	0.08	0.03	0.05	0.05	0.02	-5.12
FD	SEQU1	36.489	-118.829	0.00	0.01	0.13	0.08	0.10	0.10	0.02	-2.63
FD	SHEN1	38.523	-78.435	0.00	0.01	0.11	0.03	0.08	0.07	0.04	-6.12
FD	SHMI1	37.304	-107.484	0.00	0.10	0.17	0.10	0.13	0.13	0.04	-2.83
FD	SHRO1	35.394	-82.774	-0.01	0.00	0.11	0.01	0.07	0.06	0.04	-8.59

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
FD	SIAN1	34.091	-110.942	-0.01	0.15	0.22	0.12	0.18	0.18	0.05	-2.97
FD	SIME1	55.326	-160.506	0.00	0.06	0.03	0.02	0.02	0.02	0.01	-2.12
FD	SIPS1	34.343	-87.339	-0.01	0.00	0.28	0.08	0.19	0.18	0.07	-5.85
FD	SNPA1	47.422	-121.426	0.00	0.01	0.03	0.01	0.02	0.02	0.01	-4.56
FD	STAR1	45.225	-118.513	0.00	0.00	0.06	0.02	0.04	0.04	0.01	-5.29
FD	SULA1	45.86	-114	0.00	0.00	0.06	0.01	0.04	0.04	0.02	-6.65
FD	SWAN1	35.451	-76.207	0.00	0.85	0.09	0.08	0.09	0.08	0.03	-0.40
FD	SYCA1	35.141	-111.969	0.00	0.59	0.28	0.34	0.34	0.30	0.15	1.03
FD	TALL1	38.434	-96.56	-0.01	0.00	0.31	0.14	0.21	0.21	0.07	-4.46
FD	THBA1	44.663	-105.287	-0.01	0.01	0.24	0.12	0.20	0.17	0.09	-3.79
FD	THRO1	46.895	-103.378	-0.01	0.00	0.23	0.07	0.15	0.15	0.05	-5.31
FD	THSI1	44.291	-122.043	0.00	0.03	0.02	0.01	0.02	0.01	0.01	-3.87
FD	TONT1	33.655	-111.107	-0.01	0.01	0.31	0.17	0.26	0.24	0.08	-3.24
FD	TRCR1	62.315	-150.316	0.00	0.01	0.03	0.01	0.02	0.02	0.01	-5.72
FD	TRIN1	40.786	-122.805	0.00	0.37	0.03	0.02	0.03	0.02	0.01	-1.90
FD	ULBE1	47.582	-108.72	0.00	0.00	0.14	0.05	0.09	0.09	0.03	-4.88
FD	UPBU1	35.826	-93.203	-0.01	0.00	0.25	0.10	0.14	0.17	0.06	-4.56
FD	VIIS1	18.336	-64.796	0.00	0.93	0.08	0.07	0.07	0.08	0.02	-0.11
FD	VILA1	40.969	-95.045	-0.01	0.00	0.34	0.13	0.19	0.22	0.07	-4.92
FD	VOYA2	48.413	-92.829	0.00	0.00	0.06	0.02	0.05	0.04	0.02	-6.00
FD	WEMI1	37.659	-107.8	0.00	0.03	0.13	0.09	0.11	0.11	0.02	-1.84
FD	WHIT1	33.469	-105.535	0.00	0.52	0.17	0.14	0.16	0.16	0.05	-1.06
FD	WHPA1	46.624	-121.388	0.00	0.02	0.01	0.01	0.01	0.01	0.01	-4.83
FD	WHPE1	36.585	-105.452	0.00	0.74	0.10	0.10	0.09	0.10	0.02	-0.34
FD	WHRI1	39.154	-106.821	0.00	0.12	0.09	0.07	0.07	0.08	0.02	-1.42
FD	WICA1	43.558	-103.484	0.00	0.00	0.17	0.09	0.13	0.13	0.03	-3.28
FD	WIMO1	34.732	-98.713	0.00	0.06	0.24	0.18	0.20	0.21	0.05	-1.67
FD	YELL2	44.565	-110.4	0.00	0.00	0.05	0.02	0.04	0.03	0.02	-5.58
FD	YOSE1	37.713	-119.706	0.00	0.00	0.07	0.04	0.06	0.06	0.02	-2.79
FD	ZICA1	37.198	-113.151	0.00	0.22	0.13	0.18	0.18	0.16	0.05	1.72
CM	ACAD1	44.377	-68.261	0.01	0.06	0.36	0.55	0.46	0.45	0.12	2.21
CM	AGTI1	33.464	-116.971	-0.02	0.17	1.94	1.55	1.74	1.73	0.35	-1.17
CM	BADL1	43.743	-101.941	0.00	0.30	0.57	0.49	0.53	0.53	0.10	-0.75
CM	BALD1	34.058	-109.441	0.00	0.75	0.34	0.28	0.32	0.31	0.10	-1.04
CM	BAND1	35.78	-106.266	0.01	0.24	0.37	0.50	0.46	0.43	0.17	1.54
CM	BIBE1	29.303	-103.178	0.01	0.08	0.82	1.08	1.01	0.95	0.32	1.47
CM	BLIS1	38.976	-120.103	0.01	0.01	0.20	0.33	0.26	0.26	0.08	2.58

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
CM	BOAP1	33.869	-106.852	0.01	0.33	0.75	1.02	0.92	0.88	0.31	1.64
CM	BOND1	40.052	-88.373	0.00	0.65	1.13	1.22	1.20	1.18	0.29	0.39
CM	BOWA1	47.947	-91.495	0.00	0.95	0.21	0.21	0.23	0.21	0.08	-0.14
CM	BRCA1	37.618	-112.174	0.00	0.48	0.24	0.20	0.22	0.22	0.08	-1.10
CM	BRID1	42.975	-109.758	0.00	0.52	0.12	0.10	0.12	0.11	0.04	-0.89
CM	BRIG1	39.465	-74.449	0.02	0.36	1.46	1.75	1.58	1.61	0.37	0.95
CM	BRMA1	44.107	-70.729	-0.01	0.15	0.44	0.21	0.31	0.34	0.12	-3.48
CM	CABA1	43.833	-70.064	0.01	0.17	0.45	0.65	0.59	0.55	0.18	1.92
CM	CABI1	47.955	-115.671	0.00	0.70	0.11	0.09	0.10	0.10	0.06	-0.77
CM	CACO1	41.976	-70.024	0.01	0.28	1.26	1.46	1.31	1.36	0.19	0.77
CM	CACR1	34.454	-94.143	0.00	0.75	0.91	0.83	0.86	0.87	0.21	-0.47
CM	CANY1	38.459	-109.821	-0.01	0.04	0.50	0.32	0.41	0.41	0.14	-2.28
CM	CAPI1	38.302	-111.293	0.01	0.06	0.26	0.42	0.35	0.35	0.10	2.35
CM	CEBL1	38.77	-99.763	0.01	0.46	1.02	1.26	1.19	1.16	0.36	1.13
CM	CHAS1	28.748	-82.555	0.00	0.97	1.54	1.55	1.56	1.55	0.24	0.03
CM	CHIR1	32.009	-109.389	0.00	0.90	0.78	0.81	0.80	0.79	0.24	0.21
CM	COHU1	34.785	-84.627	0.02	0.02	0.30	0.74	0.55	0.55	0.23	4.22
CM	CORI1	45.664	-121.001	0.00	0.70	0.74	0.69	0.69	0.71	0.22	-0.41
CM	CRLA1	42.896	-122.136	0.00	0.88	0.05	0.05	0.05	0.05	0.03	-0.13
CM	CRMO1	43.46	-113.555	0.00	0.75	0.25	0.23	0.24	0.24	0.05	-0.35
CM	DENA1	63.723	-148.967	0.00	0.95	0.11	0.11	0.11	0.11	0.04	0.17
CM	DOME1	35.728	-118.138	0.00	0.65	0.62	0.71	0.67	0.67	0.21	0.69
CM	DOSO1	39.105	-79.426	0.01	0.01	0.24	0.50	0.34	0.37	0.13	3.71
CM	EGBE1	44.231	-79.783	0.00	0.35	0.52	0.60	0.64	0.58	0.19	0.76
CM	EVER1	25.391	-80.681	0.02	0.46	1.51	1.88	1.68	1.71	0.44	1.13
CM	FLAT1	47.773	-114.269	0.00	0.56	0.14	0.11	0.14	0.12	0.07	-1.32
CM	FOPE1	48.308	-105.102	-0.01	0.62	0.60	0.45	0.51	0.51	0.16	-1.48
CM	FRRE1	39.706	-79.012	0.01	0.42	0.66	0.83	0.82	0.76	0.19	1.12
CM	GAMO1	46.826	-111.711	-0.01	0.03	0.14	0.01	0.09	0.07	0.06	-9.50
CM	GICL1	33.22	-108.235	0.01	0.12	0.26	0.37	0.31	0.32	0.10	1.80
CM	GLAC1	48.511	-113.997	0.00	0.33	0.21	0.25	0.23	0.23	0.05	0.94
CM	GRBA1	39.005	-114.216	0.00	0.33	0.25	0.21	0.23	0.23	0.06	-0.86
CM	GRCA2	36.066	-112.154	0.00	0.34	0.29	0.21	0.27	0.25	0.09	-1.67
CM	GRGU1	44.308	-71.218	-0.01	0.01	0.37	0.21	0.31	0.29	0.08	-3.04
CM	GRR11	43.937	-91.405	-0.02	0.16	1.08	0.74	0.95	0.88	0.33	-2.00
CM	GRSA1	37.725	-105.519	-0.02	0.01	0.51	0.22	0.47	0.36	0.22	-4.22
CM	GRSM1	35.633	-83.942	0.00	0.65	0.68	0.75	0.71	0.71	0.17	0.56

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
CM	GUMO1	31.833	-104.809	0.01	0.40	0.97	1.25	1.15	1.11	0.36	1.34
CM	HAVO1	19.431	-155.258	0.01	0.26	0.15	0.25	0.20	0.20	0.11	2.70
CM	HECA1	44.97	-116.844	0.00	0.07	0.19	0.26	0.22	0.22	0.05	1.68
CM	HEGL1	36.614	-92.922	0.00	0.81	1.14	1.20	1.18	1.17	0.20	0.28
CM	HOOV1	38.088	-119.177	0.00	0.43	0.19	0.25	0.22	0.22	0.09	1.31
CM	IKBA1	34.34	-111.683	0.00	0.56	0.61	0.67	0.64	0.64	0.16	0.48
CM	ISLE1	47.46	-88.149	-0.01	0.02	0.35	0.20	0.29	0.28	0.07	-2.71
CM	JARB1	41.893	-115.426	0.00	0.85	0.16	0.17	0.15	0.16	0.05	0.31
CM	JARI1	37.627	-79.512	-0.02	0.06	0.99	0.58	0.73	0.77	0.23	-2.81
CM	JOSH1	34.07	-116.389	-0.02	0.03	1.21	0.83	1.05	1.02	0.29	-1.97
CM	KAIS1	37.221	-119.155	0.00	0.91	0.23	0.21	0.21	0.22	0.07	-0.52
CM	KALM1	42.552	-124.059	-0.01	0.00	0.44	0.25	0.35	0.35	0.11	-2.90
CM	LABE1	41.712	-121.507	0.00	0.30	0.19	0.13	0.16	0.16	0.06	-2.16
CM	LASU2	40.693	-92.006	0.01	0.46	1.07	1.34	1.20	1.24	0.46	1.15
CM	LAVO1	40.54	-121.577	0.01	0.01	0.09	0.21	0.16	0.15	0.07	4.31
CM	LIGO1	35.972	-81.933	-0.01	0.25	0.58	0.46	0.51	0.52	0.10	-1.17
CM	LOST1	48.642	-102.402	0.01	0.17	0.66	0.88	0.75	0.77	0.22	1.50
CM	MACA1	37.132	-86.148	0.00	0.85	0.92	0.97	0.82	0.94	0.38	0.28
CM	MAVI1	41.331	-70.785	0.05	0.04	1.03	1.95	1.66	1.56	0.59	3.09
CM	MEAD1	36.019	-114.068	-0.01	0.46	0.71	0.47	0.67	0.57	0.29	-2.16
CM	MELA1	48.487	-104.476	-0.01	0.15	0.76	0.58	0.68	0.67	0.19	-1.42
CM	MEVE1	37.198	-108.491	0.00	0.19	0.27	0.37	0.34	0.32	0.11	1.52
CM	MING1	36.972	-90.143	0.01	0.51	1.25	1.41	1.32	1.34	0.44	0.64
CM	MOHO1	45.289	-121.784	0.00	0.87	0.03	0.03	0.03	0.03	0.03	-0.35
CM	MOMO1	41.821	-73.297	0.01	0.36	0.32	0.46	0.41	0.40	0.16	1.91
CM	MONT1	47.122	-113.154	0.00	0.83	0.08	0.08	0.09	0.08	0.06	0.51
CM	MOOS1	45.126	-67.266	0.00	0.14	0.47	0.37	0.43	0.42	0.10	-1.15
CM	MORA1	46.758	-122.124	0.00	0.17	0.26	0.21	0.24	0.24	0.06	-1.27
CM	MOZI1	40.538	-106.677	-0.01	0.05	0.19	0.08	0.15	0.13	0.07	-4.74
CM	NEBR1	41.889	-100.339	0.00	0.47	0.66	0.59	0.62	0.62	0.18	-0.67
CM	NOAB1	44.745	-109.382	-0.01	0.03	0.32	0.17	0.24	0.25	0.08	-3.29
CM	NOCA1	48.732	-121.065	0.00	0.10	0.10	0.06	0.09	0.08	0.04	-2.55
CM	NOCH1	45.65	-106.557	0.00	0.14	0.37	0.28	0.31	0.32	0.07	-1.52
CM	OKEF1	30.74	-82.128	0.01	0.22	0.95	1.16	1.05	1.06	0.26	1.03
CM	OLYM1	48.007	-122.973	0.00	0.57	0.17	0.14	0.15	0.15	0.04	-1.15
CM	ORPI1	31.951	-112.802	0.01	0.62	1.46	1.74	1.62	1.62	0.40	0.92
CM	PASA1	48.388	-119.927	0.00	0.00	0.02	0.11	0.07	0.07	0.04	6.49

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
CM	PEFO1	35.078	-109.769	0.01	0.09	0.40	0.61	0.51	0.50	0.13	2.18
CM	PENO1	44.948	-68.648	0.02	0.25	0.49	0.78	0.69	0.68	0.19	2.24
CM	PINN1	36.483	-121.157	0.01	0.04	0.96	1.23	1.13	1.10	0.21	1.33
CM	PMRF1	44.528	-72.869	0.00	0.55	0.36	0.33	0.36	0.35	0.10	-0.46
CM	PORE1	38.122	-122.909	-0.01	0.10	1.24	0.97	1.04	1.10	0.26	-1.29
CM	PRIS1	46.696	-68.033	0.00	0.97	0.89	0.89	0.90	0.89	0.19	0.01
CM	QUCI1	39.943	-81.338	0.01	0.51	1.00	1.15	1.02	1.08	0.21	0.72
CM	QURE1	42.299	-72.335	0.00	0.46	0.38	0.45	0.39	0.41	0.09	0.88
CM	QUVA1	33.294	-111.286	0.00	0.88	1.74	1.77	1.89	1.75	0.32	0.10
CM	RAFA1	34.734	-120.007	0.00	0.90	0.84	0.87	0.89	0.86	0.18	0.19
CM	REDW1	41.561	-124.084	0.00	0.52	0.61	0.68	0.64	0.65	0.14	0.60
CM	ROMA1	32.941	-79.657	0.00	0.85	1.22	1.19	1.23	1.21	0.34	-0.13
CM	ROMO1	40.278	-105.546	-0.01	0.05	0.37	0.19	0.29	0.28	0.11	-3.25
CM	SACR1	33.46	-104.404	0.06	0.01	1.27	2.35	1.62	1.84	0.58	3.09
CM	SAGA1	34.297	-118.028	-0.01	0.59	0.75	0.64	0.67	0.69	0.16	-0.85
CM	SAGO1	34.194	-116.913	0.00	0.70	0.62	0.58	0.60	0.60	0.15	-0.31
CM	SAGU1	32.175	-110.737	0.03	0.10	1.27	1.80	1.49	1.55	0.38	1.80
CM	SAMA1	30.093	-84.161	0.01	0.60	0.83	0.96	0.84	0.90	0.28	0.72
CM	SAPE1	36.014	-106.845	0.00	0.31	0.14	0.19	0.17	0.17	0.06	1.63
CM	SAWE1	32.249	-111.218	0.02	0.57	1.93	2.24	2.19	2.10	0.42	0.79
CM	SAWT1	44.171	-114.927	0.00	0.10	0.01	0.08	0.06	0.05	0.05	8.01
CM	SENE1	46.289	-85.95	0.00	0.15	0.22	0.15	0.21	0.19	0.07	-1.90
CM	SEQU1	36.489	-118.829	0.01	0.56	0.88	1.05	1.02	0.97	0.23	0.92
CM	SHEN1	38.523	-78.435	0.00	0.30	0.62	0.54	0.57	0.58	0.11	-0.76
CM	SHMI1	37.304	-107.484	-0.01	0.22	0.36	0.25	0.32	0.29	0.10	-2.06
CM	SHRO1	35.394	-82.774	0.01	0.01	0.04	0.32	0.22	0.19	0.15	7.66
CM	SIAN1	34.091	-110.942	0.01	0.62	0.49	0.65	0.58	0.55	0.19	1.52
CM	SIME1	55.326	-160.506	0.01	0.00	0.73	0.94	0.84	0.85	0.11	1.25
CM	SIPS1	34.343	-87.339	-0.01	0.19	1.04	0.82	0.94	0.93	0.21	-1.23
CM	SNPA1	47.422	-121.426	0.00	0.65	0.05	0.06	0.06	0.05	0.04	1.18
CM	STAR1	45.225	-118.513	0.00	0.08	0.13	0.22	0.15	0.18	0.05	2.51
CM	SULA1	45.86	-114	0.00	0.41	0.18	0.11	0.14	0.14	0.06	-2.39
CM	SWAN1	35.451	-76.207	-0.01	0.12	1.42	1.22	1.30	1.30	0.21	-0.81
CM	SYCA1	35.141	-111.969	0.01	0.15	0.31	0.54	0.47	0.41	0.20	2.88
CM	TALL1	38.434	-96.56	0.01	0.41	1.07	1.35	1.20	1.23	0.38	1.20
CM	THBA1	44.663	-105.287	-0.02	0.15	0.87	0.57	0.68	0.69	0.20	-2.35
CM	THRO1	46.895	-103.378	0.00	0.70	0.83	0.74	0.77	0.79	0.20	-0.61

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
CM	THSI1	44.291	-122.043	0.00	0.48	0.08	0.11	0.10	0.10	0.04	1.35
CM	TONT1	33.655	-111.107	0.00	0.95	0.84	0.85	0.87	0.84	0.21	0.04
CM	TRCR1	62.315	-150.316	0.00	0.79	0.19	0.16	0.17	0.17	0.05	-0.73
CM	TRIN1	40.786	-122.805	0.00	0.59	0.14	0.15	0.17	0.14	0.07	0.61
CM	ULBE1	47.582	-108.72	0.00	0.19	0.44	0.34	0.38	0.39	0.08	-1.23
CM	UPBU1	35.826	-93.203	-0.03	0.08	1.27	0.71	0.93	0.99	0.42	-2.95
CM	VIIS1	18.336	-64.796	0.00	0.74	3.19	3.13	3.26	3.16	0.41	-0.09
CM	VILA1	40.969	-95.045	0.00	0.93	1.35	1.38	1.42	1.37	0.42	0.10
CM	VOYA2	48.413	-92.829	0.00	0.44	0.27	0.24	0.24	0.26	0.08	-0.59
CM	WEMI1	37.659	-107.8	-0.01	0.00	0.49	0.25	0.37	0.37	0.10	-3.48
CM	WHIT1	33.469	-105.535	0.00	0.62	0.62	0.56	0.61	0.59	0.16	-0.48
CM	WHPA1	46.624	-121.388	0.00	0.95	0.04	0.04	0.05	0.04	0.04	-0.02
CM	WHPE1	36.585	-105.452	0.00	0.46	0.24	0.17	0.22	0.20	0.08	-1.75
CM	WHRI1	39.154	-106.821	-0.01	0.04	0.18	0.07	0.14	0.13	0.07	-4.37
CM	WICA1	43.558	-103.484	0.00	0.25	0.45	0.38	0.42	0.42	0.10	-0.87
CM	WIMO1	34.732	-98.713	0.02	0.03	1.24	1.63	1.46	1.45	0.26	1.43
CM	YELL2	44.565	-110.4	0.00	0.60	0.09	0.10	0.11	0.10	0.04	0.59
CM	YOSE1	37.713	-119.706	0.00	0.27	0.28	0.36	0.33	0.32	0.08	1.25
CM	ZICA1	37.198	-113.151	-0.01	0.68	0.67	0.58	0.63	0.62	0.22	-0.82
Fine bext	ACAD1	44.377	-68.261	-0.31	0.00	13.16	7.22	9.68	10.03	2.07	-3.12
Fine bext	AGTI1	33.464	-116.971	-0.54	0.00	13.97	3.76	10.00	8.86	3.48	-6.06
Fine bext	BADL1	43.743	-101.941	-0.14	0.02	8.19	5.49	7.33	6.76	1.66	-2.10
Fine bext	BALD1	34.058	-109.441	-0.13	0.00	5.59	3.14	4.17	4.30	0.90	-3.00
Fine bext	BAND1	35.78	-106.266	-0.21	0.00	8.00	3.99	5.82	5.89	1.39	-3.59
Fine bext	BIBE1	29.303	-103.178	-0.10	0.01	7.37	5.45	6.55	6.36	1.23	-1.59
Fine bext	BLIS1	38.976	-120.103	-0.07	0.05	4.05	2.68	3.58	3.37	0.90	-2.14
Fine bext	BOAP1	33.869	-106.852	-0.24	0.00	9.26	4.76	6.72	6.89	1.54	-3.44
Fine bext	BOND1	40.052	-88.373	-1.46	0.00	39.78	12.04	27.09	25.18	8.02	-5.80
Fine bext	BOWA1	47.947	-91.495	-0.34	0.00	10.22	3.69	7.23	6.78	2.73	-5.06
Fine bext	BRCA1	37.618	-112.174	-0.11	0.00	4.35	2.18	3.44	3.21	0.81	-3.56
Fine bext	BRID1	42.975	-109.758	-0.11	0.00	3.73	1.61	2.83	2.62	0.78	-4.26
Fine bext	BRIG1	39.465	-74.449	-0.86	0.00	29.49	13.17	22.12	20.47	5.45	-4.20
Fine bext	BRMA1	44.107	-70.729	-0.44	0.00	13.99	5.65	10.70	10.48	2.52	-4.19
Fine bext	CABA1	43.833	-70.064	-0.45	0.00	16.80	8.19	12.56	12.27	2.79	-3.70
Fine bext	CABI1	47.955	-115.671	-0.11	0.02	5.39	3.29	4.18	4.28	0.99	-2.58
Fine bext	CACO1	41.976	-70.024	-0.41	0.00	19.16	11.33	15.03	15.04	2.81	-2.74
Fine bext	CACR1	34.454	-94.143	-0.72	0.00	23.46	9.82	17.35	16.28	5.56	-4.41

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Fine bext	CANY1	38.459	-109.821	-0.15	0.00	5.71	2.88	4.28	4.22	0.96	-3.53
Fine bext	CAPI1	38.302	-111.293	-0.08	0.02	4.84	3.28	4.21	3.98	0.99	-2.07
Fine bext	CEBL1	38.77	-99.763	-0.32	0.00	13.14	7.14	9.99	9.67	2.17	-3.26
Fine bext	CHAS1	28.748	-82.555	-1.13	0.00	41.04	19.59	30.57	28.62	6.81	-3.94
Fine bext	CHIR1	32.009	-109.389	-0.11	0.00	6.04	3.91	4.99	4.92	0.95	-2.28
Fine bext	COHU1	34.785	-84.627	-1.21	0.00	33.15	10.24	21.06	20.49	7.80	-5.88
Fine bext	CORI1	45.664	-121.001	-0.32	0.00	14.34	8.26	11.32	11.14	2.37	-2.88
Fine bext	CRLA1	42.896	-122.136	-0.05	0.01	3.51	2.51	3.04	2.96	0.53	-1.79
Fine bext	CRMO1	43.46	-113.555	-0.17	0.00	5.82	2.66	4.23	4.16	1.16	-4.01
Fine bext	DENA1	63.723	-148.967	-0.02	0.06	2.31	1.96	2.09	2.13	0.34	-0.86
Fine bext	DOME1	35.728	-118.138	-0.11	0.06	6.92	4.78	5.92	5.74	1.18	-1.96
Fine bext	DOSO1	39.105	-79.426	-1.07	0.00	27.37	7.08	17.71	16.69	6.33	-6.40
Fine bext	EGBE1	44.231	-79.783	-0.24	0.03	12.98	8.48	10.90	10.02	1.88	-2.37
Fine bext	EVER1	25.391	-80.681	-0.38	0.00	22.93	15.62	19.90	19.08	2.73	-2.01
Fine bext	FLAT1	47.773	-114.269	-0.16	0.00	5.69	2.56	3.89	3.88	1.03	-4.25
Fine bext	FOPE1	48.308	-105.102	-0.17	0.01	9.16	5.92	7.28	7.28	1.08	-2.34
Fine bext	FRRE1	39.706	-79.012	-1.16	0.00	34.08	12.07	21.89	20.76	6.12	-5.58
Fine bext	GAMO1	46.826	-111.711	-0.08	0.01	3.18	1.69	2.50	2.43	0.63	-3.23
Fine bext	GICL1	33.22	-108.235	-0.13	0.00	5.37	2.93	4.13	4.09	0.95	-3.16
Fine bext	GLAC1	48.511	-113.997	-0.24	0.00	10.06	5.44	8.35	7.63	2.20	-3.19
Fine bext	GRBA1	39.005	-114.216	-0.10	0.00	4.10	2.15	3.27	3.08	0.68	-3.34
Fine bext	GRCA2	36.066	-112.154	-0.06	0.00	3.79	2.64	3.39	3.25	0.67	-1.86
Fine bext	GRGU1	44.308	-71.218	-0.43	0.00	12.61	4.52	8.53	8.35	2.55	-5.10
Fine bext	GRI1	43.937	-91.405	-0.61	0.00	20.93	9.31	14.69	14.20	3.37	-4.31
Fine bext	GRSA1	37.725	-105.519	-0.15	0.00	6.90	4.08	5.38	5.42	1.03	-2.74
Fine bext	GRSM1	35.633	-83.942	-1.27	0.00	32.71	8.61	21.23	20.02	7.87	-6.34
Fine bext	GUMO1	31.833	-104.809	-0.15	0.01	8.75	5.93	7.31	7.27	1.26	-2.04
Fine bext	HAVO1	19.431	-155.258	-0.05	0.12	6.37	5.44	5.69	5.88	0.95	-0.83
Fine bext	HECA1	44.97	-116.844	-0.11	0.00	5.95	3.77	5.06	4.80	1.10	-2.38
Fine bext	HEGL1	36.614	-92.922	-0.86	0.00	28.15	11.76	20.08	19.52	5.53	-4.42
Fine bext	HOOV1	38.088	-119.177	-0.02	0.43	2.70	2.36	2.51	2.51	0.43	-0.71
Fine bext	IKBA1	34.34	-111.683	-0.16	0.00	7.51	4.52	6.07	5.94	1.24	-2.65
Fine bext	ISLE1	47.46	-88.149	-0.27	0.00	9.02	3.97	6.67	6.36	1.77	-4.18
Fine bext	JARB1	41.893	-115.426	-0.08	0.00	3.33	1.80	2.69	2.52	0.56	-3.19
Fine bext	JARI1	37.627	-79.512	-1.43	0.00	39.99	12.79	24.82	25.67	8.46	-5.58
Fine bext	JOSH1	34.07	-116.389	-0.20	0.00	8.02	4.19	6.03	6.01	1.58	-3.36
Fine bext	KAIS1	37.221	-119.155	-0.06	0.12	3.71	2.65	3.18	3.12	0.71	-1.77

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Fine bext	KALM1	42.552	-124.059	-0.07	0.15	7.58	6.30	7.04	6.91	1.13	-0.98
Fine bext	LABE1	41.712	-121.507	-0.08	0.03	4.47	2.95	3.71	3.67	0.83	-2.18
Fine bext	LASU2	40.693	-92.006	-0.69	0.00	27.25	14.08	19.33	18.93	4.45	-3.66
Fine bext	LAVO1	40.54	-121.577	-0.07	0.03	3.74	2.42	3.11	3.04	0.75	-2.27
Fine bext	LIGO1	35.972	-81.933	-0.99	0.00	27.27	8.52	17.76	16.91	6.34	-5.83
Fine bext	LOST1	48.642	-102.402	-0.07	0.12	11.00	9.67	10.24	10.30	1.14	-0.68
Fine bext	MACA1	37.132	-86.148	-1.91	0.00	50.80	14.48	32.41	31.68	10.52	-6.03
Fine bext	MAVI1	41.331	-70.785	-0.63	0.00	21.37	9.41	15.42	14.45	3.65	-4.36
Fine bext	MEAD1	36.019	-114.068	-0.11	0.00	4.94	2.81	4.00	3.71	0.76	-3.02
Fine bext	MELA1	48.487	-104.476	-0.06	0.06	8.40	7.21	7.84	7.78	0.90	-0.80
Fine bext	MEVE1	37.198	-108.491	-0.19	0.00	6.34	2.79	4.72	4.47	1.18	-4.18
Fine bext	MING1	36.972	-90.143	-1.06	0.00	33.52	13.42	23.49	21.35	6.97	-4.96
Fine bext	MOHO1	45.289	-121.784	-0.05	0.06	3.58	2.60	3.12	3.07	0.67	-1.69
Fine bext	MOMO1	41.821	-73.297	-0.61	0.00	19.11	7.52	12.17	12.40	3.69	-4.92
Fine bext	MONT1	47.122	-113.154	-0.12	0.00	5.04	2.81	4.31	3.93	1.06	-2.98
Fine bext	MOOS1	45.126	-67.266	-0.41	0.00	13.26	5.43	10.17	9.14	2.74	-4.51
Fine bext	MORA1	46.758	-122.124	-0.15	0.00	6.61	3.69	5.15	5.07	1.36	-3.03
Fine bext	MOZI1	40.538	-106.677	-0.09	0.00	3.84	2.20	3.10	2.98	0.75	-2.90
Fine bext	NEBR1	41.889	-100.339	-0.14	0.04	8.66	6.01	7.28	7.05	1.39	-1.98
Fine bext	NOAB1	44.745	-109.382	-0.06	0.00	2.88	1.80	2.55	2.37	0.65	-2.41
Fine bext	NOCA1	48.732	-121.065	-0.09	0.00	4.06	2.26	3.22	3.11	0.67	-3.03
Fine bext	NOCH1	45.65	-106.557	-0.05	0.03	4.24	3.31	3.78	3.70	0.73	-1.32
Fine bext	OKEF1	30.74	-82.128	-0.96	0.00	37.58	19.31	27.04	27.97	5.62	-3.44
Fine bext	OLYM1	48.007	-122.973	-0.26	0.02	8.15	3.30	5.58	5.47	1.79	-4.67
Fine bext	ORPI1	31.951	-112.802	-0.16	0.01	8.16	5.08	6.69	6.38	1.13	-2.55
Fine bext	PASA1	48.388	-119.927	-0.13	0.00	4.55	2.04	3.19	3.23	0.88	-4.09
Fine bext	PEFO1	35.078	-109.769	-0.22	0.00	8.21	3.97	5.99	5.98	1.42	-3.73
Fine bext	PENO1	44.948	-68.648	-0.38	0.01	15.18	8.01	10.22	10.46	2.00	-3.61
Fine bext	PINN1	36.483	-121.157	-0.14	0.02	11.75	9.04	10.73	10.33	1.44	-1.38
Fine bext	PMRF1	44.528	-72.869	-0.40	0.00	13.70	6.12	10.11	9.71	2.55	-4.11
Fine bext	PORE1	38.122	-122.909	-0.45	0.00	16.13	7.54	12.70	11.39	2.97	-3.97
Fine bext	PRIS1	46.696	-68.033	-0.41	0.00	14.60	6.86	10.54	10.52	2.73	-3.87
Fine bext	QUCI1	39.943	-81.338	-1.45	0.00	40.48	13.00	27.30	25.29	8.29	-5.72
Fine bext	QURE1	42.299	-72.335	-0.51	0.00	16.55	6.82	12.59	12.45	2.88	-4.11
Fine bext	QUVA1	33.294	-111.286	-0.25	0.00	10.34	5.57	8.32	8.33	1.43	-3.02
Fine bext	RAFA1	34.734	-120.007	-0.12	0.12	7.61	5.26	7.14	6.37	2.11	-1.94
Fine bext	REDW1	41.561	-124.084	-0.05	0.31	7.68	6.65	6.95	7.14	1.40	-0.76

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Fine bext	ROMA1	32.941	-79.657	-0.88	0.00	35.76	19.12	27.27	27.00	5.83	-3.24
Fine bext	ROMO1	40.278	-105.546	-0.09	0.00	3.74	2.08	2.97	2.87	0.60	-3.04
Fine bext	SACR1	33.46	-104.404	-0.24	0.00	10.49	6.00	8.48	8.13	1.55	-2.91
Fine bext	SAGA1	34.297	-118.028	-0.23	0.01	7.46	3.10	5.43	5.05	2.07	-4.55
Fine bext	SAGO1	34.194	-116.913	-0.23	0.00	6.55	2.10	4.88	4.21	1.86	-5.56
Fine bext	SAGU1	32.175	-110.737	-0.21	0.00	9.95	5.87	8.30	7.80	1.56	-2.75
Fine bext	SAMA1	30.093	-84.161	-0.98	0.00	36.21	17.64	27.30	25.95	6.43	-3.77
Fine bext	SAPE1	36.014	-106.845	-0.11	0.00	4.27	2.26	3.28	3.21	0.71	-3.30
Fine bext	SAWE1	32.249	-111.218	-0.24	0.00	12.23	7.62	9.68	9.68	1.48	-2.50
Fine bext	SAWT1	44.171	-114.927	-0.17	0.00	6.24	3.07	4.50	4.57	1.22	-3.65
Fine bext	SENE1	46.289	-85.95	-0.27	0.00	8.95	3.78	7.30	6.22	2.17	-4.37
Fine bext	SEQU1	36.489	-118.829	-0.22	0.03	12.28	8.03	10.43	10.04	2.78	-2.23
Fine bext	SHEN1	38.523	-78.435	-0.85	0.00	24.71	8.48	17.44	16.16	5.36	-5.28
Fine bext	SHMI1	37.304	-107.484	-0.14	0.00	6.26	3.52	4.73	4.53	0.77	-3.19
Fine bext	SHRO1	35.394	-82.774	-0.58	0.00	15.95	5.00	9.82	9.61	3.66	-5.99
Fine bext	SIME1	55.326	-160.506	0.04	0.52	9.91	10.66	10.29	10.32	1.19	0.38
Fine bext	SIPS1	34.343	-87.339	-1.43	0.00	41.85	14.68	27.36	27.55	8.13	-5.19
Fine bext	SNPA1	47.422	-121.426	-0.26	0.00	7.27	2.33	5.08	4.67	1.80	-5.56
Fine bext	STAR1	45.225	-118.513	-0.12	0.00	5.52	3.17	4.53	4.28	1.25	-2.89
Fine bext	SULA1	45.86	-114	-0.11	0.00	3.51	1.52	2.67	2.46	0.72	-4.27
Fine bext	SWAN1	35.451	-76.207	-0.69	0.00	28.74	15.64	20.41	21.16	4.14	-3.26
Fine bext	SYCA1	35.141	-111.969	-0.20	0.03	8.96	5.08	8.20	7.33	1.54	-2.79
Fine bext	TALL1	38.434	-96.56	-0.49	0.00	20.99	11.59	15.19	15.55	2.86	-3.18
Fine bext	THBA1	44.663	-105.287	-0.23	0.00	8.54	4.07	5.99	5.72	1.31	-4.11
Fine bext	THRO1	46.895	-103.378	-0.20	0.00	9.40	5.65	7.64	7.42	1.48	-2.66
Fine bext	THSI1	44.291	-122.043	-0.05	0.09	3.54	2.60	3.13	3.05	0.73	-1.62
Fine bext	TONT1	33.655	-111.107	-0.16	0.00	8.55	5.43	7.12	6.91	1.16	-2.38
Fine bext	TRCR1	62.315	-150.316	-0.06	0.05	3.30	2.17	2.70	2.68	0.57	-2.21
Fine bext	TRIN1	40.786	-122.805	-0.06	0.24	4.18	3.10	3.97	3.70	1.16	-1.53
Fine bext	ULBE1	47.582	-108.72	-0.10	0.01	5.59	3.79	4.23	4.64	0.84	-2.05
Fine bext	UPBU1	35.826	-93.203	-0.71	0.00	24.45	10.94	17.80	17.34	5.06	-4.10
Fine bext	VIIS1	18.336	-64.796	0.18	0.07	11.48	14.82	12.11	13.06	2.34	1.35
Fine bext	VILA1	40.969	-95.045	-0.72	0.00	26.01	12.33	18.36	18.09	3.90	-3.98
Fine bext	VOYA2	48.413	-92.829	-0.33	0.00	9.89	3.58	7.23	6.57	2.14	-5.05
Fine bext	WEMI1	37.659	-107.8	-0.15	0.00	4.61	1.77	3.57	3.12	0.98	-4.79
Fine bext	WHIT1	33.469	-105.535	-0.14	0.00	5.84	3.23	4.46	4.40	0.90	-3.12
Fine bext	WHPA1	46.624	-121.388	-0.08	0.00	3.14	1.58	2.32	2.32	0.64	-3.53

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Fine bext	WHPE1	36.585	-105.452	-0.07	0.02	3.56	2.21	2.92	2.85	0.72	-2.50
Fine bext	WHRI1	39.154	-106.821	-0.07	0.00	3.18	1.93	2.57	2.52	0.44	-2.63
Fine bext	WICA1	43.558	-103.484	-0.18	0.00	6.66	3.28	5.31	4.97	1.34	-3.57
Fine bext	WIMO1	34.732	-98.713	-0.26	0.03	16.44	11.44	13.09	13.81	2.51	-1.91
Fine bext	YELL2	44.565	-110.4	-0.11	0.00	4.63	2.53	3.59	3.52	0.83	-3.13
Fine bext	YOSE1	37.713	-119.706	-0.05	0.28	4.04	3.06	3.73	3.53	0.87	-1.47
Fine bext	ZICA1	37.198	-113.151	-0.09	0.01	5.68	3.99	4.72	4.70	0.71	-1.89
Aerosol bext	ACAD1	44.377	-68.261	-0.31	0.00	13.85	8.02	10.49	10.78	2.06	-2.85
Aerosol bext	AGTI1	33.464	-116.971	-0.47	0.00	15.67	6.72	12.52	11.20	3.85	-4.20
Aerosol bext	BADL1	43.743	-101.941	-0.19	0.00	10.67	7.08	8.71	8.78	1.66	-2.15
Aerosol bext	BALD1	34.058	-109.441	-0.15	0.00	6.61	3.85	4.76	5.16	1.01	-2.81
Aerosol bext	BAND1	35.78	-106.266	-0.24	0.00	9.43	4.94	6.88	7.07	1.48	-3.34
Aerosol bext	BIBE1	29.303	-103.178	-0.09	0.13	9.72	8.07	8.61	8.85	1.45	-0.98
Aerosol bext	BLIS1	38.976	-120.103	-0.08	0.04	4.49	3.03	4.11	3.76	0.86	-2.04
Aerosol bext	BOAP1	33.869	-106.852	-0.25	0.00	10.99	6.25	8.60	8.50	1.76	-2.94
Aerosol bext	BOND1	40.052	-88.373	-1.31	0.00	42.22	17.30	31.13	29.11	7.51	-4.51
Aerosol bext	BOWA1	47.947	-91.495	-0.35	0.00	10.51	3.86	7.93	7.01	2.74	-4.99
Aerosol bext	BRCA1	37.618	-112.174	-0.13	0.00	4.82	2.40	3.84	3.54	0.91	-3.60
Aerosol bext	BRID1	42.975	-109.758	-0.11	0.00	4.06	1.93	3.08	2.94	0.82	-3.81
Aerosol bext	BRIG1	39.465	-74.449	-0.93	0.00	34.11	16.49	25.94	24.37	5.75	-3.81
Aerosol bext	BRMA1	44.107	-70.729	-0.46	0.00	15.24	6.45	11.58	11.54	2.49	-4.01
Aerosol bext	CABA1	43.833	-70.064	-0.45	0.00	17.56	9.07	13.66	13.09	2.84	-3.41
Aerosol bext	CABI1	47.955	-115.671	-0.11	0.01	5.76	3.70	4.48	4.67	1.06	-2.32
Aerosol bext	CACO1	41.976	-70.024	-0.44	0.00	21.39	13.04	17.36	16.99	3.07	-2.58
Aerosol bext	CACR1	34.454	-94.143	-0.69	0.00	24.41	11.29	19.36	17.50	5.81	-3.95
Aerosol bext	CANY1	38.459	-109.821	-0.19	0.00	6.92	3.27	5.18	5.00	1.22	-3.85
Aerosol bext	CAPI1	38.302	-111.293	-0.06	0.18	5.38	4.18	4.92	4.72	1.06	-1.33
Aerosol bext	CEBL1	38.77	-99.763	-0.38	0.00	16.34	9.06	13.06	12.12	2.64	-3.16
Aerosol bext	CHAS1	28.748	-82.555	-1.19	0.00	44.67	22.07	33.28	31.59	7.11	-3.77
Aerosol bext	CHIR1	32.009	-109.389	-0.14	0.00	7.53	4.91	6.26	6.15	1.22	-2.24
Aerosol bext	COHU1	34.785	-84.627	-1.13	0.00	33.60	12.15	22.20	21.74	7.42	-5.19
Aerosol bext	CORI1	45.664	-121.001	-0.22	0.10	17.22	13.04	14.68	15.02	2.79	-1.47
Aerosol bext	CRLA1	42.896	-122.136	-0.06	0.02	3.81	2.76	3.24	3.23	0.56	-1.71
Aerosol bext	CRMO1	43.46	-113.555	-0.17	0.00	6.36	3.15	4.76	4.67	1.22	-3.62
Aerosol bext	DENA1	63.723	-148.967	-0.02	0.20	2.61	2.22	2.41	2.40	0.36	-0.86
Aerosol bext	DOME1	35.728	-118.138	-0.12	0.06	7.90	5.68	7.03	6.67	1.28	-1.75
Aerosol bext	DOSO1	39.105	-79.426	-1.09	0.00	28.60	7.85	18.62	17.68	6.43	-6.18

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Aerosol bext	EGBE1	44.231	-79.783	-0.22	0.09	14.85	10.65	12.44	12.08	1.64	-1.83
Aerosol bext	EVER1	25.391	-80.681	-0.36	0.00	25.51	18.65	22.74	21.90	2.96	-1.65
Aerosol bext	FLAT1	47.773	-114.269	-0.16	0.00	5.81	2.75	4.23	4.04	1.05	-3.99
Aerosol bext	FOPE1	48.308	-105.102	-0.21	0.00	10.92	6.97	8.78	8.63	1.27	-2.41
Aerosol bext	FRRE1	39.706	-79.012	-1.26	0.00	36.73	12.87	23.33	22.29	6.28	-5.63
Aerosol bext	GAMO1	46.826	-111.711	-0.09	0.00	3.47	1.74	2.79	2.61	0.71	-3.49
Aerosol bext	GICL1	33.22	-108.235	-0.14	0.00	6.24	3.62	4.72	4.86	0.96	-2.84
Aerosol bext	GLAC1	48.511	-113.997	-0.27	0.00	10.95	5.84	9.08	8.26	2.28	-3.26
Aerosol bext	GRBA1	39.005	-114.216	-0.11	0.00	4.83	2.65	3.80	3.68	0.77	-3.12
Aerosol bext	GRCA2	36.066	-112.154	-0.08	0.00	4.41	2.96	3.83	3.72	0.66	-2.06
Aerosol bext	GRGU1	44.308	-71.218	-0.44	0.00	13.31	4.89	9.19	8.88	2.63	-4.99
Aerosol bext	GRR11	43.937	-91.405	-0.64	0.00	22.97	10.85	16.68	15.95	3.60	-4.00
Aerosol bext	GRSA1	37.725	-105.519	-0.16	0.00	7.96	4.98	6.35	6.39	1.21	-2.45
Aerosol bext	GRSM1	35.633	-83.942	-1.29	0.00	34.17	9.63	22.76	21.26	8.00	-6.08
Aerosol bext	GUMO1	31.833	-104.809	-0.19	0.01	11.59	8.00	9.60	9.70	1.64	-1.95
Aerosol bext	HAVO1	19.431	-155.258	-0.03	0.42	6.90	6.26	6.27	6.56	1.08	-0.52
Aerosol bext	HECA1	44.97	-116.844	-0.12	0.00	6.66	4.29	5.71	5.41	1.22	-2.31
Aerosol bext	HEGL1	36.614	-92.922	-0.89	0.00	31.92	15.05	22.96	23.04	5.45	-3.86
Aerosol bext	HOOV1	38.088	-119.177	-0.02	0.34	3.25	2.79	3.00	3.00	0.49	-0.81
Aerosol bext	IKBA1	34.34	-111.683	-0.17	0.00	8.83	5.51	7.26	7.09	1.39	-2.46
Aerosol bext	ISLE1	47.46	-88.149	-0.27	0.00	9.90	4.71	7.36	7.17	1.87	-3.81
Aerosol bext	JARB1	41.893	-115.426	-0.07	0.00	3.65	2.34	3.04	2.96	0.55	-2.34
Aerosol bext	JARI1	37.627	-79.512	-1.45	0.00	41.48	13.86	26.32	26.94	8.34	-5.40
Aerosol bext	JOSH1	34.07	-116.389	-0.22	0.00	9.64	5.43	7.64	7.43	1.69	-2.99
Aerosol bext	KAIS1	37.221	-119.155	-0.05	0.04	4.07	3.03	3.60	3.49	0.73	-1.57
Aerosol bext	KALM1	42.552	-124.059	-0.08	0.13	8.40	6.88	7.56	7.60	1.13	-1.06
Aerosol bext	LABE1	41.712	-121.507	-0.07	0.02	4.60	3.18	4.04	3.85	0.90	-1.93
Aerosol bext	LASU2	40.693	-92.006	-0.74	0.00	31.60	17.53	23.85	22.71	4.71	-3.26
Aerosol bext	LAVO1	40.54	-121.577	-0.05	0.03	3.88	2.86	3.38	3.34	0.70	-1.60
Aerosol bext	LIGO1	35.972	-81.933	-1.00	0.00	27.93	9.01	18.69	17.47	6.57	-5.70
Aerosol bext	LOST1	48.642	-102.402	-0.12	0.01	13.73	11.49	12.62	12.55	1.37	-0.94
Aerosol bext	MACA1	37.132	-86.148	-1.86	0.00	51.30	15.91	34.07	32.67	10.47	-5.70
Aerosol bext	MAVI1	41.331	-70.785	-0.57	0.00	23.51	12.62	18.32	17.20	3.54	-3.33
Aerosol bext	MEAD1	36.019	-114.068	-0.13	0.01	6.15	3.76	5.03	4.77	0.93	-2.65
Aerosol bext	MELA1	48.487	-104.476	-0.14	0.03	11.39	8.76	9.71	10.01	1.43	-1.38
Aerosol bext	MEVE1	37.198	-108.491	-0.18	0.00	6.83	3.37	5.42	5.01	1.29	-3.64
Aerosol bext	MING1	36.972	-90.143	-1.15	0.00	37.63	15.82	27.05	24.43	7.49	-4.70

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Aerosol bext	MOHO1	45.289	-121.784	-0.05	0.06	3.69	2.70	3.23	3.17	0.71	-1.65
Aerosol bext	MOMO1	41.821	-73.297	-0.67	0.00	20.60	7.86	12.99	13.22	3.81	-5.07
Aerosol bext	MONT1	47.122	-113.154	-0.12	0.00	5.39	3.02	4.64	4.20	1.19	-2.97
Aerosol bext	MOOS1	45.126	-67.266	-0.43	0.00	14.07	5.95	11.04	9.80	2.91	-4.36
Aerosol bext	MORA1	46.758	-122.124	-0.14	0.00	7.03	4.31	5.68	5.60	1.43	-2.56
Aerosol bext	MOZI1	40.538	-106.677	-0.09	0.00	4.16	2.44	3.44	3.25	0.97	-2.79
Aerosol bext	NEBR1	41.889	-100.339	-0.20	0.01	10.51	6.66	8.49	8.18	1.37	-2.47
Aerosol bext	NOAB1	44.745	-109.382	-0.10	0.00	3.89	1.92	3.17	2.96	0.83	-3.50
Aerosol bext	NOCA1	48.732	-121.065	-0.08	0.00	4.13	2.53	3.39	3.28	0.64	-2.56
Aerosol bext	NOCH1	45.65	-106.557	-0.07	0.07	5.15	3.90	4.51	4.43	0.71	-1.48
Aerosol bext	OKEF1	30.74	-82.128	-1.00	0.00	39.83	20.79	29.43	29.81	5.79	-3.36
Aerosol bext	OLYM1	48.007	-122.973	-0.26	0.01	8.30	3.45	5.86	5.62	1.83	-4.55
Aerosol bext	ORPI1	31.951	-112.802	-0.18	0.00	11.51	8.02	9.13	9.49	1.24	-1.94
Aerosol bext	PASA1	48.388	-119.927	-0.14	0.00	4.81	2.24	3.45	3.45	0.95	-3.92
Aerosol bext	PEFO1	35.078	-109.769	-0.24	0.00	9.50	4.91	7.27	7.08	1.52	-3.41
Aerosol bext	PENO1	44.948	-68.648	-0.31	0.02	16.57	10.69	11.71	12.70	2.08	-2.44
Aerosol bext	PINN1	36.483	-121.157	-0.12	0.05	13.58	11.33	12.35	12.40	1.30	-0.96
Aerosol bext	PMRF1	44.528	-72.869	-0.40	0.00	14.40	6.72	10.99	10.36	2.49	-3.90
Aerosol bext	PORE1	38.122	-122.909	-0.48	0.00	18.14	9.10	14.42	13.15	3.22	-3.62
Aerosol bext	PRIS1	46.696	-68.033	-0.42	0.00	17.05	8.98	12.53	12.80	2.92	-3.32
Aerosol bext	QUCI1	39.943	-81.338	-1.41	0.00	43.62	16.85	29.99	28.83	8.05	-4.89
Aerosol bext	QURE1	42.299	-72.335	-0.63	0.00	18.96	7.04	13.84	13.94	3.03	-4.50
Aerosol bext	QUVA1	33.294	-111.286	-0.28	0.00	13.71	8.37	11.42	11.46	1.66	-2.45
Aerosol bext	RAFA1	34.734	-120.007	-0.08	0.28	8.63	7.05	8.42	7.80	2.30	-1.06
Aerosol bext	REDW1	41.561	-124.084	-0.03	0.38	8.29	7.67	7.74	7.97	1.44	-0.41
Aerosol bext	ROMA1	32.941	-79.657	-1.00	0.00	39.29	20.35	29.54	29.32	5.98	-3.40
Aerosol bext	ROMO1	40.278	-105.546	-0.09	0.00	4.25	2.56	3.56	3.36	0.64	-2.64
Aerosol bext	SACR1	33.46	-104.404	-0.27	0.00	15.23	10.17	12.57	12.56	2.12	-2.12
Aerosol bext	SAGA1	34.297	-118.028	-0.27	0.00	9.25	4.15	6.48	6.43	2.25	-4.17
Aerosol bext	SAGO1	34.194	-116.913	-0.24	0.01	7.66	3.04	6.03	5.23	2.00	-4.65
Aerosol bext	SAGU1	32.175	-110.737	-0.23	0.00	12.75	8.29	10.67	10.40	1.69	-2.26
Aerosol bext	SAMA1	30.093	-84.161	-0.97	0.00	38.83	20.36	29.26	28.62	6.61	-3.40
Aerosol bext	SAPE1	36.014	-106.845	-0.11	0.00	4.93	2.79	3.61	3.81	0.76	-2.96
Aerosol bext	SAWE1	32.249	-111.218	-0.25	0.00	16.29	11.57	13.56	13.68	1.84	-1.82
Aerosol bext	SAWT1	44.171	-114.927	-0.18	0.00	6.77	3.32	4.82	4.96	1.29	-3.66
Aerosol bext	SENE1	46.289	-85.95	-0.30	0.00	9.63	3.97	7.81	6.65	2.13	-4.48
Aerosol bext	SEQU1	36.489	-118.829	-0.26	0.04	14.14	9.27	11.77	11.58	3.00	-2.21

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Aerosol bext	SHEN1	38.523	-78.435	-0.84	0.00	24.97	8.97	18.38	16.55	5.30	-5.09
Aerosol bext	SHMI1	37.304	-107.484	-0.16	0.00	7.15	4.07	5.47	5.21	0.84	-3.12
Aerosol bext	SHRO1	35.394	-82.774	-0.52	0.00	15.79	5.85	10.34	10.03	3.40	-5.22
Aerosol bext	SIME1	55.326	-160.506	0.09	0.27	10.62	12.26	11.46	11.52	1.32	0.75
Aerosol bext	SIPS1	34.343	-87.339	-1.49	0.00	44.39	16.16	29.09	29.53	8.53	-5.03
Aerosol bext	SNPA1	47.422	-121.426	-0.26	0.00	7.50	2.58	5.21	4.91	1.84	-5.28
Aerosol bext	STAR1	45.225	-118.513	-0.15	0.00	6.13	3.29	4.98	4.64	1.52	-3.22
Aerosol bext	SULA1	45.86	-114	-0.11	0.00	3.90	1.82	3.01	2.80	0.76	-3.91
Aerosol bext	SWAN1	35.451	-76.207	-0.74	0.00	31.34	17.29	23.20	23.21	4.51	-3.18
Aerosol bext	SYCA1	35.141	-111.969	-0.19	0.02	10.14	6.62	9.49	8.66	1.87	-2.14
Aerosol bext	TALL1	38.434	-96.56	-0.45	0.00	23.69	15.06	18.33	18.69	3.08	-2.43
Aerosol bext	THBA1	44.663	-105.287	-0.28	0.00	11.14	5.82	7.38	7.78	1.58	-3.60
Aerosol bext	THRO1	46.895	-103.378	-0.26	0.00	12.35	7.31	9.88	9.70	1.87	-2.73
Aerosol bext	THSI1	44.291	-122.043	-0.05	0.12	3.71	2.81	3.32	3.24	0.72	-1.47
Aerosol bext	TONT1	33.655	-111.107	-0.21	0.00	10.46	6.53	8.64	8.39	1.45	-2.47
Aerosol bext	TRCR1	62.315	-150.316	-0.07	0.06	3.70	2.41	3.10	2.99	0.69	-2.29
Aerosol bext	TRIN1	40.786	-122.805	-0.07	0.13	4.58	3.20	4.29	3.96	1.25	-1.82
Aerosol bext	ULBE1	47.582	-108.72	-0.12	0.00	6.39	4.18	5.05	5.23	1.01	-2.22
Aerosol bext	UPBU1	35.826	-93.203	-0.83	0.00	27.93	12.18	20.10	19.64	5.49	-4.22
Aerosol bext	VIIS1	18.336	-64.796	0.26	0.03	14.10	18.99	15.92	16.42	2.10	1.57
Aerosol bext	VILA1	40.969	-95.045	-0.89	0.00	33.70	16.87	24.11	23.95	4.96	-3.70
Aerosol bext	VOYA2	48.413	-92.829	-0.34	0.00	10.68	4.17	7.91	7.25	2.14	-4.72
Aerosol bext	WEMI1	37.659	-107.8	-0.17	0.00	5.58	2.26	4.24	3.83	1.08	-4.57
Aerosol bext	WHIT1	33.469	-105.535	-0.13	0.00	6.85	4.31	5.69	5.44	1.02	-2.46
Aerosol bext	WHPA1	46.624	-121.388	-0.08	0.01	3.51	2.00	2.53	2.72	0.66	-2.92
Aerosol bext	WHPE1	36.585	-105.452	-0.07	0.03	4.08	2.68	3.45	3.35	0.71	-2.21
Aerosol bext	WHRI1	39.154	-106.821	-0.08	0.00	3.55	2.10	2.80	2.79	0.47	-2.73
Aerosol bext	WICA1	43.558	-103.484	-0.20	0.00	7.92	4.09	6.28	6.01	1.43	-3.36
Aerosol bext	WIMO1	34.732	-98.713	-0.25	0.04	19.32	14.50	16.61	16.78	2.53	-1.51
Aerosol bext	YELL2	44.565	-110.4	-0.11	0.00	4.78	2.63	3.85	3.65	0.86	-3.10
Aerosol bext	YOSE1	37.713	-119.706	-0.04	0.34	4.67	3.89	4.23	4.26	0.84	-0.97
Aerosol bext	ZICA1	37.198	-113.151	-0.13	0.01	7.22	4.83	5.92	5.84	0.94	-2.16
Total bext	ACAD1	44.377	-68.261	-0.31	0.00	25.85	20.02	22.49	22.78	2.06	-1.35
Total bext	AGTI1	33.464	-116.971	-0.47	0.00	26.67	17.72	23.52	22.20	3.85	-2.12
Total bext	BADL1	43.743	-101.941	-0.19	0.00	21.67	18.08	19.71	19.78	1.66	-0.95
Total bext	BALD1	34.058	-109.441	-0.15	0.00	15.61	12.85	13.76	14.16	1.01	-1.02
Total bext	BAND1	35.78	-106.266	-0.24	0.00	18.43	13.94	15.88	16.07	1.48	-1.47

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Total bext	BIBE1	29.303	-103.178	-0.09	0.13	19.72	18.07	18.61	18.85	1.45	-0.46
Total bext	BLIS1	38.976	-120.103	-0.08	0.04	13.49	12.03	13.11	12.76	0.86	-0.60
Total bext	BOAP1	33.869	-106.852	-0.25	0.00	20.99	16.25	18.60	18.50	1.76	-1.35
Total bext	BOND1	40.052	-88.373	-1.31	0.00	53.22	28.30	42.13	40.11	7.51	-3.27
Total bext	BOWA1	47.947	-91.495	-0.35	0.00	21.51	14.86	18.93	18.01	2.74	-1.94
Total bext	BRCA1	37.618	-112.174	-0.13	0.00	13.82	11.40	12.84	12.54	0.91	-1.02
Total bext	BRID1	42.975	-109.758	-0.11	0.00	13.06	10.93	12.08	11.94	0.82	-0.94
Total bext	BRIG1	39.465	-74.449	-0.93	0.00	46.11	28.49	37.94	36.37	5.75	-2.55
Total bext	BRMA1	44.107	-70.729	-0.46	0.00	27.24	18.45	23.58	23.54	2.49	-1.97
Total bext	CABA1	43.833	-70.064	-0.45	0.00	29.56	21.07	25.66	25.09	2.84	-1.78
Total bext	CABI1	47.955	-115.671	-0.11	0.01	15.76	13.70	14.48	14.67	1.06	-0.74
Total bext	CACO1	41.976	-70.024	-0.44	0.00	33.39	25.04	29.36	28.99	3.07	-1.51
Total bext	CACR1	34.454	-94.143	-0.69	0.00	35.41	22.29	30.36	28.50	5.81	-2.42
Total bext	CANY1	38.459	-109.821	-0.19	0.00	15.92	12.27	14.18	14.00	1.22	-1.37
Total bext	CAPI1	38.302	-111.293	-0.06	0.18	14.38	13.18	13.92	13.72	1.06	-0.46
Total bext	CEBL1	38.77	-99.763	-0.38	0.00	27.34	20.06	24.06	23.12	2.64	-1.66
Total bext	CHAS1	28.748	-82.555	-1.19	0.00	55.67	33.07	44.28	42.59	7.11	-2.79
Total bext	CHIR1	32.009	-109.389	-0.14	0.00	17.53	14.91	16.26	16.15	1.22	-0.85
Total bext	COHU1	34.785	-84.627	-1.13	0.00	44.60	23.15	33.20	32.74	7.42	-3.45
Total bext	CORI1	45.664	-121.001	-0.22	0.10	29.22	25.04	26.68	27.02	2.79	-0.81
Total bext	CRLA1	42.896	-122.136	-0.06	0.02	12.81	11.76	12.24	12.23	0.56	-0.45
Total bext	CRMO1	43.46	-113.555	-0.17	0.00	16.36	13.15	14.76	14.67	1.22	-1.15
Total bext	DENA1	63.723	-148.967	-0.02	0.20	13.61	13.22	13.41	13.40	0.36	-0.15
Total bext	DOME1	35.728	-118.138	-0.12	0.06	17.90	15.68	17.03	16.67	1.28	-0.70
Total bext	DOSO1	39.105	-79.426	-1.09	0.00	38.60	17.85	28.62	27.68	6.43	-3.94
Total bext	EGBE1	44.231	-79.783	-0.22	0.09	26.85	22.65	24.44	24.08	1.64	-0.92
Total bext	EVER1	25.391	-80.681	-0.36	0.00	36.51	29.65	33.74	32.90	2.96	-1.10
Total bext	FLAT1	47.773	-114.269	-0.16	0.00	15.81	12.75	14.23	14.04	1.05	-1.15
Total bext	FOPE1	48.308	-105.102	-0.21	0.00	21.92	17.97	19.78	19.63	1.27	-1.06
Total bext	FRRE1	39.706	-79.012	-1.26	0.00	47.73	23.87	34.33	33.29	6.28	-3.77
Total bext	GAMO1	46.826	-111.711	-0.09	0.00	12.47	10.74	11.79	11.61	0.71	-0.79
Total bext	GICL1	33.22	-108.235	-0.14	0.00	15.24	12.62	13.72	13.86	0.96	-1.00
Total bext	GLAC1	48.511	-113.997	-0.27	0.00	21.95	16.84	20.08	19.26	2.28	-1.40
Total bext	GRBA1	39.005	-114.216	-0.11	0.00	13.83	11.65	12.80	12.68	0.77	-0.91
Total bext	GRCA2	36.066	-112.154	-0.08	0.00	13.41	11.96	12.83	12.72	0.66	-0.60
Total bext	GRGU1	44.308	-71.218	-0.44	0.00	24.31	15.89	20.19	19.88	2.63	-2.23
Total bext	GRR11	43.937	-91.405	-0.64	0.00	33.97	21.85	27.68	26.95	3.60	-2.37

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Total bext	GRSA1	37.725	-105.519	-0.16	0.00	16.96	13.98	15.35	15.39	1.21	-1.02
Total bext	GRSM1	35.633	-83.942	-1.29	0.00	45.17	20.63	33.76	32.26	8.00	-4.00
Total bext	GUMO1	31.833	-104.809	-0.19	0.01	20.59	17.00	18.60	18.70	1.64	-1.01
Total bext	HAVO1	19.431	-155.258	-0.03	0.42	16.90	16.26	16.27	16.56	1.08	-0.21
Total bext	HECA1	44.97	-116.844	-0.12	0.00	17.66	15.29	16.71	16.41	1.22	-0.76
Total bext	HEGL1	36.614	-92.922	-0.89	0.00	42.92	26.05	33.96	34.04	5.45	-2.61
Total bext	HOOV1	38.088	-119.177	-0.02	0.34	12.25	11.79	12.00	12.00	0.49	-0.20
Total bext	IKBA1	34.34	-111.683	-0.17	0.00	18.83	15.51	17.26	17.09	1.39	-1.02
Total bext	ISLE1	47.46	-88.149	-0.27	0.00	21.90	16.71	19.36	19.17	1.87	-1.42
Total bext	JARB1	41.893	-115.426	-0.07	0.00	13.65	12.34	13.04	12.96	0.55	-0.53
Total bext	JARI1	37.627	-79.512	-1.45	0.00	52.48	24.86	37.32	37.94	8.34	-3.83
Total bext	JOSH1	34.07	-116.389	-0.22	0.00	19.64	15.43	17.64	17.43	1.69	-1.27
Total bext	KAIS1	37.221	-119.155	-0.05	0.04	13.07	12.03	12.60	12.49	0.73	-0.44
Total bext	KALM1	42.552	-124.059	-0.08	0.13	20.40	18.88	19.56	19.60	1.13	-0.41
Total bext	LABE1	41.712	-121.507	-0.07	0.02	14.60	13.18	14.04	13.85	0.90	-0.54
Total bext	LASU2	40.693	-92.006	-0.74	0.00	42.60	28.53	34.85	33.71	4.71	-2.20
Total bext	LAVO1	40.54	-121.577	-0.05	0.03	13.88	12.86	13.38	13.34	0.70	-0.40
Total bext	LIGO1	35.972	-81.933	-1.00	0.00	38.93	20.01	29.69	28.47	6.57	-3.50
Total bext	LOST1	48.642	-102.402	-0.12	0.01	24.73	22.49	23.62	23.55	1.37	-0.50
Total bext	MACA1	37.132	-86.148	-1.86	0.00	62.30	26.91	45.07	43.67	10.47	-4.26
Total bext	MAVI1	41.331	-70.785	-0.57	0.00	35.51	24.62	30.32	29.20	3.54	-1.96
Total bext	MEAD1	36.019	-114.068	-0.13	0.01	16.15	13.76	15.03	14.77	0.93	-0.85
Total bext	MELA1	48.487	-104.476	-0.14	0.03	22.39	19.76	20.71	21.01	1.43	-0.66
Total bext	MEVE1	37.198	-108.491	-0.18	0.00	15.83	12.37	14.42	14.01	1.29	-1.30
Total bext	MING1	36.972	-90.143	-1.15	0.00	49.63	27.82	39.05	36.43	7.49	-3.15
Total bext	MOHO1	45.289	-121.784	-0.05	0.06	13.69	12.70	13.23	13.17	0.71	-0.40
Total bext	MOMO1	41.821	-73.297	-0.67	0.00	31.60	18.86	23.99	24.22	3.81	-2.77
Total bext	MONT1	47.122	-113.154	-0.12	0.00	15.39	13.02	14.64	14.20	1.19	-0.88
Total bext	MOOS1	45.126	-67.266	-0.43	0.00	26.07	17.95	23.04	21.80	2.91	-1.96
Total bext	MORA1	46.758	-122.124	-0.14	0.00	18.03	15.31	16.68	16.60	1.43	-0.86
Total bext	MOZI1	40.538	-106.677	-0.09	0.00	12.16	10.44	11.44	11.25	0.97	-0.81
Total bext	NEBR1	41.889	-100.339	-0.20	0.01	21.51	17.66	19.49	19.18	1.37	-1.05
Total bext	NOAB1	44.745	-109.382	-0.10	0.00	12.89	10.92	12.17	11.96	0.83	-0.87
Total bext	NOCA1	48.732	-121.065	-0.08	0.00	15.13	13.53	14.39	14.28	0.64	-0.59
Total bext	NOCH1	45.65	-106.557	-0.07	0.07	15.15	13.90	14.51	14.43	0.71	-0.46
Total bext	OKEF1	30.74	-82.128	-1.00	0.00	50.83	31.79	40.43	40.81	5.79	-2.46
Total bext	OLYM1	48.007	-122.973	-0.26	0.01	19.30	14.45	16.86	16.62	1.83	-1.54

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Total bext	ORPI1	31.951	-112.802	-0.18	0.00	22.51	19.02	20.13	20.49	1.24	-0.90
Total bext	PASA1	48.388	-119.927	-0.14	0.00	14.81	12.24	13.45	13.45	0.95	-1.01
Total bext	PEFO1	35.078	-109.769	-0.24	0.00	18.50	13.91	16.27	16.08	1.52	-1.50
Total bext	PENO1	44.948	-68.648	-0.31	0.02	28.57	22.69	23.71	24.70	2.08	-1.25
Total bext	PINN1	36.483	-121.157	-0.12	0.05	24.58	22.33	23.35	23.40	1.30	-0.51
Total bext	PMRF1	44.528	-72.869	-0.40	0.00	25.40	17.72	21.99	21.36	2.49	-1.89
Total bext	PORE1	38.122	-122.909	-0.48	0.00	30.14	21.10	26.42	25.15	3.22	-1.89
Total bext	PRIS1	46.696	-68.033	-0.42	0.00	29.05	20.98	24.53	24.80	2.92	-1.71
Total bext	QUCI1	39.943	-81.338	-1.41	0.00	54.62	27.85	40.99	39.83	8.05	-3.54
Total bext	QURE1	42.299	-72.335	-0.63	0.00	29.96	18.04	24.84	24.94	3.03	-2.52
Total bext	QUVA1	33.294	-111.286	-0.28	0.00	24.71	19.37	22.42	22.46	1.66	-1.25
Total bext	RAFA1	34.734	-120.007	-0.08	0.28	18.63	17.05	18.42	17.80	2.30	-0.47
Total bext	REDW1	41.561	-124.084	-0.03	0.38	19.29	18.67	18.74	18.97	1.44	-0.17
Total bext	ROMA1	32.941	-79.657	-1.00	0.00	51.29	32.35	41.54	41.32	5.98	-2.41
Total bext	ROMO1	40.278	-105.546	-0.09	0.00	13.25	11.56	12.56	12.36	0.64	-0.72
Total bext	SACR1	33.46	-104.404	-0.27	0.00	25.23	20.17	22.57	22.56	2.12	-1.18
Total bext	SAGA1	34.297	-118.028	-0.27	0.00	18.25	13.15	15.48	15.43	2.25	-1.74
Total bext	SAGO1	34.194	-116.913	-0.24	0.01	17.66	13.04	16.03	15.23	2.00	-1.60
Total bext	SAGU1	32.175	-110.737	-0.23	0.00	22.75	18.29	20.67	20.40	1.69	-1.15
Total bext	SAMA1	30.093	-84.161	-0.97	0.00	49.83	31.36	40.26	39.62	6.61	-2.45
Total bext	SAPE1	36.014	-106.845	-0.11	0.00	12.93	10.79	11.61	11.81	0.76	-0.95
Total bext	SAWE1	32.249	-111.218	-0.25	0.00	26.29	21.57	23.56	23.68	1.84	-1.05
Total bext	SAWT1	44.171	-114.927	-0.18	0.00	16.77	13.32	14.82	14.96	1.29	-1.21
Total bext	SENE1	46.289	-85.95	-0.30	0.00	21.63	15.97	19.81	18.65	2.13	-1.60
Total bext	SEQU1	36.489	-118.829	-0.26	0.04	25.14	20.27	22.77	22.58	3.00	-1.13
Total bext	SHEN1	38.523	-78.435	-0.84	0.00	34.97	18.97	28.38	26.55	5.30	-3.17
Total bext	SHMI1	37.304	-107.484	-0.16	0.00	16.15	13.07	14.47	14.21	0.84	-1.14
Total bext	SHRO1	35.394	-82.774	-0.52	0.00	25.79	15.85	20.34	20.03	3.40	-2.61
Total bext	SIME1	55.326	-160.506	0.09	0.27	22.62	24.26	23.46	23.52	1.32	0.37
Total bext	SIPS1	34.343	-87.339	-1.49	0.00	55.39	27.16	40.09	40.53	8.53	-3.67
Total bext	SNPA1	47.422	-121.426	-0.26	0.00	18.50	13.58	16.21	15.91	1.84	-1.63
Total bext	STAR1	45.225	-118.513	-0.15	0.00	16.13	13.29	14.98	14.64	1.52	-1.02
Total bext	SULA1	45.86	-114	-0.11	0.00	13.90	11.82	13.01	12.80	0.76	-0.86
Total bext	SWAN1	35.451	-76.207	-0.74	0.00	43.34	29.29	35.20	35.21	4.51	-2.10
Total bext	SYCA1	35.141	-111.969	-0.19	0.02	19.14	15.62	18.49	17.66	1.87	-1.05
Total bext	TALL1	38.434	-96.56	-0.45	0.00	34.69	26.06	29.33	29.69	3.08	-1.53
Total bext	THBA1	44.663	-105.287	-0.28	0.00	21.14	15.82	17.38	17.78	1.58	-1.57

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Total bext	THRO1	46.895	-103.378	-0.26	0.00	23.35	18.31	20.88	20.70	1.87	-1.28
Total bext	THSI1	44.291	-122.043	-0.05	0.12	14.71	13.81	14.32	14.24	0.72	-0.34
Total bext	TONT1	33.655	-111.107	-0.21	0.00	20.46	16.53	18.64	18.39	1.45	-1.13
Total bext	TRCR1	62.315	-150.316	-0.07	0.06	15.70	14.41	15.10	14.99	0.69	-0.46
Total bext	TRIN1	40.786	-122.805	-0.07	0.13	14.58	13.20	14.29	13.96	1.25	-0.52
Total bext	ULBE1	47.582	-108.72	-0.12	0.00	17.39	15.18	16.05	16.23	1.01	-0.72
Total bext	UPBU1	35.826	-93.203	-0.83	0.00	38.93	23.18	31.10	30.64	5.49	-2.71
Total bext	VIIS1	18.336	-64.796	0.26	0.03	25.10	29.99	26.92	27.42	2.10	0.94
Total bext	VILA1	40.969	-95.045	-0.89	0.00	44.70	27.87	35.11	34.95	4.96	-2.53
Total bext	VOYA2	48.413	-92.829	-0.34	0.00	22.68	16.17	19.91	19.25	2.14	-1.78
Total bext	WEMI1	37.659	-107.8	-0.17	0.00	14.58	11.26	13.24	12.83	1.08	-1.36
Total bext	WHIT1	33.469	-105.535	-0.13	0.00	15.85	13.31	14.69	14.44	1.02	-0.93
Total bext	WHPA1	46.624	-121.388	-0.08	0.01	13.51	12.00	12.53	12.72	0.66	-0.62
Total bext	WHPE1	36.585	-105.452	-0.07	0.03	12.08	10.68	11.45	11.35	0.71	-0.65
Total bext	WHRI1	39.154	-106.821	-0.08	0.00	11.55	10.10	10.80	10.79	0.47	-0.71
Total bext	WICA1	43.558	-103.484	-0.20	0.00	17.92	14.09	16.28	16.01	1.43	-1.26
Total bext	WIMO1	34.732	-98.713	-0.25	0.04	30.32	25.50	27.61	27.78	2.53	-0.91
Total bext	YELL2	44.565	-110.4	-0.11	0.00	13.78	11.63	12.85	12.65	0.86	-0.89
Total bext	YOSE1	37.713	-119.706	-0.04	0.34	14.67	13.89	14.23	14.26	0.84	-0.29
Total bext	ZICA1	37.198	-113.151	-0.13	0.01	17.22	14.83	15.92	15.84	0.94	-0.80
dv	ACAD1	44.377	-68.261	-0.14	0.00	9.59	7.02	8.06	8.23	0.93	-1.64
dv	AGTI1	33.464	-116.971	-0.19	0.00	9.82	6.12	8.43	7.97	1.56	-2.45
dv	BADL1	43.743	-101.941	-0.10	0.00	7.81	5.93	6.75	6.82	0.82	-1.45
dv	BALD1	34.058	-109.441	-0.11	0.00	4.56	2.50	3.17	3.48	0.73	-3.11
dv	BAND1	35.78	-106.266	-0.15	0.00	6.24	3.39	4.58	4.74	0.94	-3.17
dv	BIBE1	29.303	-103.178	-0.05	0.13	6.82	5.91	6.18	6.34	0.77	-0.76
dv	BLIS1	38.976	-120.103	-0.06	0.04	3.00	1.87	2.69	2.43	0.63	-2.44
dv	BOAP1	33.869	-106.852	-0.13	0.00	7.47	4.96	6.16	6.15	0.96	-2.14
dv	BOND1	40.052	-88.373	-0.31	0.00	17.04	11.06	14.23	13.89	1.78	-2.27
dv	BOWA1	47.947	-91.495	-0.20	0.00	7.86	4.11	6.29	5.88	1.37	-3.36
dv	BRCA1	37.618	-112.174	-0.10	0.00	3.28	1.35	2.48	2.26	0.69	-4.47
dv	BRID1	42.975	-109.758	-0.10	0.00	2.72	0.92	1.87	1.77	0.66	-5.37
dv	BRIG1	39.465	-74.449	-0.24	0.00	15.46	10.85	13.23	12.91	1.52	-1.88
dv	BRMA1	44.107	-70.729	-0.19	0.00	10.09	6.46	8.53	8.56	1.05	-2.23
dv	CABA1	43.833	-70.064	-0.18	0.00	10.97	7.60	9.37	9.20	1.11	-1.93
dv	CABI1	47.955	-115.671	-0.08	0.01	4.63	3.12	3.67	3.84	0.74	-2.08
dv	CACO1	41.976	-70.024	-0.15	0.00	12.14	9.30	10.72	10.65	1.04	-1.41

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
dv	CACR1	34.454	-94.143	-0.23	0.00	12.82	8.37	10.94	10.47	1.90	-2.24
dv	CANY1	38.459	-109.821	-0.13	0.00	4.65	2.20	3.46	3.36	0.85	-3.84
dv	CAPI1	38.302	-111.293	-0.05	0.18	3.65	2.77	3.28	3.16	0.73	-1.47
dv	CEBL1	38.77	-99.763	-0.16	0.00	10.16	7.09	8.73	8.38	1.08	-1.93
dv	CHAS1	28.748	-82.555	-0.27	0.00	17.42	12.36	14.76	14.49	1.58	-1.84
dv	CHIR1	32.009	-109.389	-0.08	0.00	5.64	4.04	4.84	4.80	0.73	-1.76
dv	COHU1	34.785	-84.627	-0.35	0.00	15.52	8.90	11.76	11.86	2.28	-2.94
dv	CORI1	45.664	-121.001	-0.08	0.10	10.74	9.22	9.76	9.94	1.07	-0.80
dv	CRLA1	42.896	-122.136	-0.05	0.02	2.51	1.62	2.01	2.02	0.45	-2.33
dv	CRMO1	43.46	-113.555	-0.12	0.00	5.01	2.77	3.86	3.83	0.81	-3.07
dv	DENA1	63.723	-148.967	-0.02	0.20	3.09	2.79	2.93	2.93	0.27	-0.53
dv	DOME1	35.728	-118.138	-0.07	0.06	5.81	4.55	5.30	5.11	0.74	-1.30
dv	DOSO1	39.105	-79.426	-0.38	0.00	14.01	6.74	10.27	10.18	2.33	-3.76
dv	EGBE1	44.231	-79.783	-0.09	0.09	9.94	8.19	8.92	8.79	0.66	-1.04
dv	EVER1	25.391	-80.681	-0.10	0.00	12.95	10.97	12.12	11.91	0.85	-0.87
dv	FLAT1	47.773	-114.269	-0.11	0.00	4.62	2.50	3.50	3.39	0.72	-3.29
dv	FOPE1	48.308	-105.102	-0.10	0.00	7.87	5.93	6.80	6.75	0.64	-1.51
dv	FRRE1	39.706	-79.012	-0.35	0.00	16.08	9.38	12.18	12.03	1.81	-2.93
dv	GAMO1	46.826	-111.711	-0.08	0.00	2.24	0.75	1.63	1.49	0.59	-5.26
dv	GICL1	33.22	-108.235	-0.10	0.00	4.24	2.39	3.14	3.27	0.70	-2.98
dv	GLAC1	48.511	-113.997	-0.13	0.00	7.88	5.36	6.92	6.55	1.10	-2.02
dv	GRBA1	39.005	-114.216	-0.09	0.00	3.26	1.58	2.46	2.38	0.60	-3.73
dv	GRCA2	36.066	-112.154	-0.06	0.00	2.95	1.80	2.48	2.41	0.51	-2.51
dv	GRGU1	44.308	-71.218	-0.22	0.00	9.09	4.88	6.95	6.87	1.31	-3.23
dv	GRI1	43.937	-91.405	-0.22	0.00	12.37	8.13	10.10	9.91	1.28	-2.25
dv	GRSA1	37.725	-105.519	-0.10	0.00	5.36	3.38	4.26	4.31	0.80	-2.42
dv	GRSM1	35.633	-83.942	-0.41	0.00	15.77	8.06	11.89	11.71	2.47	-3.46
dv	GUMO1	31.833	-104.809	-0.10	0.01	7.28	5.35	6.17	6.26	0.88	-1.63
dv	HAVO1	19.431	-155.258	-0.02	0.42	5.26	4.85	4.85	5.04	0.67	-0.42
dv	HECA1	44.97	-116.844	-0.08	0.00	5.73	4.25	5.11	4.95	0.71	-1.57
dv	HEGL1	36.614	-92.922	-0.26	0.00	14.86	9.90	12.10	12.25	1.62	-2.13
dv	HOOV1	38.088	-119.177	-0.02	0.34	2.03	1.65	1.81	1.82	0.41	-1.12
dv	IKBA1	34.34	-111.683	-0.10	0.00	6.35	4.46	5.43	5.36	0.79	-1.86
dv	ISLE1	47.46	-88.149	-0.14	0.00	7.94	5.22	6.56	6.51	0.95	-2.20
dv	JARB1	41.893	-115.426	-0.05	0.00	3.13	2.12	2.65	2.60	0.42	-2.05
dv	JARI1	37.627	-79.512	-0.39	0.00	17.28	9.78	12.92	13.34	2.30	-2.96
dv	JOSH1	34.07	-116.389	-0.12	0.00	6.73	4.50	5.63	5.55	0.96	-2.12

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
dv	KAIS1	37.221	-119.155	-0.04	0.04	2.69	1.85	2.30	2.23	0.57	-2.00
dv	KALM1	42.552	-124.059	-0.04	0.13	7.14	6.36	6.69	6.73	0.58	-0.61
dv	LABE1	41.712	-121.507	-0.05	0.02	3.79	2.78	3.38	3.26	0.63	-1.65
dv	LASU2	40.693	-92.006	-0.22	0.00	14.85	10.58	12.41	12.15	1.27	-1.85
dv	LAVO1	40.54	-121.577	-0.04	0.03	3.28	2.53	2.90	2.88	0.51	-1.37
dv	LIGO1	35.972	-81.933	-0.35	0.00	14.10	7.52	10.64	10.46	2.28	-3.31
dv	LOST1	48.642	-102.402	-0.05	0.01	9.07	8.12	8.58	8.57	0.58	-0.58
dv	MACA1	37.132	-86.148	-0.43	0.00	19.00	10.91	14.79	14.74	2.40	-2.89
dv	MAVI1	41.331	-70.785	-0.19	0.00	12.79	9.21	11.03	10.72	1.15	-1.76
dv	MEAD1	36.019	-114.068	-0.08	0.01	4.81	3.24	4.06	3.90	0.62	-2.12
dv	MELA1	48.487	-104.476	-0.06	0.03	8.05	6.86	7.26	7.42	0.69	-0.85
dv	MEVE1	37.198	-108.491	-0.13	0.00	4.63	2.24	3.62	3.37	0.87	-3.74
dv	MING1	36.972	-90.143	-0.30	0.00	16.38	10.67	13.46	12.93	1.80	-2.33
dv	MOHO1	45.289	-121.784	-0.04	0.06	3.14	2.41	2.79	2.75	0.53	-1.41
dv	MOMO1	41.821	-73.297	-0.26	0.00	11.73	6.75	8.64	8.85	1.57	-2.96
dv	MONT1	47.122	-113.154	-0.09	0.00	4.34	2.67	3.78	3.51	0.77	-2.51
dv	MOOS1	45.126	-67.266	-0.18	0.00	9.62	6.14	8.27	7.79	1.23	-2.35
dv	MORA1	46.758	-122.124	-0.09	0.00	5.95	4.27	5.08	5.07	0.82	-1.74
dv	MOZI1	40.538	-106.677	-0.08	0.00	2.00	0.44	1.32	1.18	0.79	-6.93
dv	NEBR1	41.889	-100.339	-0.11	0.01	7.76	5.69	6.65	6.51	0.69	-1.67
dv	NOAB1	44.745	-109.382	-0.09	0.00	2.55	0.94	1.95	1.79	0.66	-4.76
dv	NOCA1	48.732	-121.065	-0.06	0.00	4.15	3.04	3.63	3.57	0.44	-1.64
dv	NOCH1	45.65	-106.557	-0.04	0.07	4.15	3.32	3.71	3.67	0.49	-1.19
dv	OKEF1	30.74	-82.128	-0.25	0.00	16.55	11.83	13.87	14.06	1.44	-1.77
dv	OLYM1	48.007	-122.973	-0.15	0.01	6.64	3.79	5.17	5.07	1.08	-2.96
dv	ORPI1	31.951	-112.802	-0.09	0.00	8.17	6.44	6.98	7.17	0.62	-1.27
dv	PASA1	48.388	-119.927	-0.10	0.00	3.95	2.08	2.94	2.97	0.70	-3.31
dv	PEFO1	35.078	-109.769	-0.15	0.00	6.30	3.36	4.82	4.75	0.93	-3.26
dv	PENO1	44.948	-68.648	-0.14	0.02	10.77	8.14	8.60	9.04	0.90	-1.53
dv	PINN1	36.483	-121.157	-0.05	0.05	9.01	8.04	8.46	8.50	0.55	-0.60
dv	PMRF1	44.528	-72.869	-0.18	0.00	9.37	5.99	7.82	7.59	1.14	-2.35
dv	PORE1	38.122	-122.909	-0.17	0.00	11.03	7.76	9.65	9.22	1.21	-1.87
dv	PRIS1	46.696	-68.033	-0.18	0.00	10.87	7.48	8.90	9.08	1.22	-1.96
dv	QUCI1	39.943	-81.338	-0.35	0.00	17.48	10.84	13.92	13.81	1.97	-2.53
dv	QURE1	42.299	-72.335	-0.25	0.00	11.15	6.37	9.03	9.14	1.20	-2.75
dv	QUVA1	33.294	-111.286	-0.13	0.00	9.12	6.68	8.05	8.09	0.73	-1.58
dv	RAFA1	34.734	-120.007	-0.04	0.28	6.21	5.36	6.04	5.77	1.17	-0.78

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
dv	REDW1	41.561	-124.084	-0.02	0.38	6.57	6.25	6.25	6.40	0.77	-0.27
dv	ROMA1	32.941	-79.657	-0.26	0.00	16.80	11.83	14.14	14.19	1.46	-1.84
dv	ROMO1	40.278	-105.546	-0.07	0.00	2.83	1.48	2.27	2.12	0.50	-3.34
dv	SACR1	33.46	-104.404	-0.12	0.00	9.30	7.09	8.10	8.14	0.94	-1.43
dv	SAGA1	34.297	-118.028	-0.18	0.00	6.24	2.80	4.27	4.34	1.41	-4.17
dv	SAGO1	34.194	-116.913	-0.16	0.01	5.77	2.80	4.65	4.21	1.20	-3.72
dv	SAGU1	32.175	-110.737	-0.12	0.00	8.31	6.07	7.23	7.13	0.81	-1.65
dv	SAMA1	30.093	-84.161	-0.25	0.00	16.39	11.63	13.80	13.76	1.61	-1.82
dv	SAPE1	36.014	-106.845	-0.10	0.00	2.64	0.78	1.48	1.66	0.65	-5.90
dv	SAWE1	32.249	-111.218	-0.11	0.00	9.75	7.71	8.54	8.62	0.78	-1.25
dv	SAWT1	44.171	-114.927	-0.12	0.00	5.23	2.94	3.90	4.03	0.86	-2.99
dv	SENE1	46.289	-85.95	-0.15	0.00	7.76	4.86	6.78	6.23	1.04	-2.44
dv	SEQU1	36.489	-118.829	-0.11	0.04	9.27	7.13	8.15	8.14	1.30	-1.39
dv	SHEN1	38.523	-78.435	-0.31	0.00	12.87	6.97	10.27	9.76	1.84	-3.18
dv	SHMI1	37.304	-107.484	-0.11	0.00	4.86	2.73	3.68	3.51	0.57	-3.19
dv	SHRO1	35.394	-82.774	-0.25	0.00	9.66	4.97	6.97	6.95	1.65	-3.55
dv	SIME1	55.326	-160.506	0.04	0.27	8.17	8.87	8.51	8.55	0.56	0.43
dv	SIPS1	34.343	-87.339	-0.38	0.00	17.83	10.54	13.67	13.99	2.15	-2.74
dv	SNPA1	47.422	-121.426	-0.15	0.00	6.19	3.25	4.77	4.64	1.12	-3.33
dv	STAR1	45.225	-118.513	-0.10	0.00	4.85	2.88	4.00	3.81	0.95	-2.72
dv	SULA1	45.86	-114	-0.08	0.00	3.31	1.71	2.61	2.47	0.58	-3.41
dv	SWAN1	35.451	-76.207	-0.22	0.00	14.97	10.86	12.50	12.59	1.31	-1.72
dv	SYCA1	35.141	-111.969	-0.11	0.02	6.55	4.50	6.10	5.69	0.99	-1.90
dv	TALL1	38.434	-96.56	-0.16	0.00	12.59	9.64	10.71	10.88	1.07	-1.43
dv	THBA1	44.663	-105.287	-0.16	0.00	7.62	4.67	5.49	5.75	0.92	-2.70
dv	THRO1	46.895	-103.378	-0.13	0.00	8.53	6.15	7.32	7.27	0.89	-1.72
dv	THSI1	44.291	-122.043	-0.03	0.12	3.86	3.24	3.58	3.53	0.49	-0.93
dv	TONT1	33.655	-111.107	-0.11	0.00	7.15	5.14	6.20	6.09	0.77	-1.74
dv	TRCR1	62.315	-150.316	-0.04	0.06	4.52	3.66	4.11	4.05	0.46	-1.11
dv	TRIN1	40.786	-122.805	-0.05	0.13	3.77	2.81	3.53	3.34	0.85	-1.52
dv	ULBE1	47.582	-108.72	-0.07	0.00	5.54	4.21	4.71	4.84	0.63	-1.45
dv	UPBU1	35.826	-93.203	-0.28	0.00	14.02	8.66	11.20	11.20	1.76	-2.52
dv	VIIS1	18.336	-64.796	0.09	0.03	9.25	11.01	9.87	10.09	0.82	0.92
dv	VILA1	40.969	-95.045	-0.26	0.00	15.37	10.44	12.47	12.51	1.38	-2.07
dv	VOYA2	48.413	-92.829	-0.18	0.00	8.33	4.95	6.83	6.55	1.06	-2.71
dv	WEMI1	37.659	-107.8	-0.13	0.00	3.80	1.32	2.77	2.49	0.80	-5.24
dv	WHIT1	33.469	-105.535	-0.09	0.00	4.64	2.90	3.82	3.68	0.68	-2.49

Species	Site	Lat (°)	Lon (°)	Slope (Mm⁻¹ yr⁻¹)	Statistical Significance (p)	Beg. Year b_{ext} (Mm⁻¹)	End Year b_{ext} (Mm⁻¹)	Mean (Mm⁻¹)	Median (Mm⁻¹)	Standard Deviation (Mm⁻¹)	Trend (% yr⁻¹)
dv	WHPA1	46.624	-121.388	-0.06	0.01	3.05	1.82	2.24	2.40	0.53	-2.69
dv	WHPE1	36.585	-105.452	-0.07	0.03	1.93	0.66	1.33	1.26	0.61	-5.28
dv	WHRI1	39.154	-106.821	-0.07	0.00	1.48	0.12	0.76	0.76	0.43	-9.42
dv	WICA1	43.558	-103.484	-0.12	0.00	5.87	3.53	4.84	4.70	0.87	-2.62
dv	WIMO1	34.732	-98.713	-0.10	0.04	11.20	9.33	10.12	10.22	0.91	-0.96
dv	YELL2	44.565	-110.4	-0.09	0.00	3.23	1.56	2.49	2.35	0.66	-3.72
dv	YOSE1	37.713	-119.706	-0.03	0.34	3.82	3.30	3.51	3.55	0.59	-0.76
dv	ZICA1	37.198	-113.151	-0.08	0.01	5.47	3.96	4.63	4.60	0.60	-1.72

Table 7.2.2. IMPROVE short-term (2000–2019) 50th percentile ambient b_{ext} trends for sites that met completeness criteria (see Chapter 7). Species include ammonium sulfate (AS), ammonium nitrate (AN), particulate organic matter (POM), elemental carbon (EC), fine dust (FD), coarse mass (CM), fine b_{ext}, aerosol b_{ext}, total b_{ext} (aerosol + Rayleigh), and deciview (dv). The slope is derived from a linear trend regression, beginning and end year b_{ext} are based on the linear fit for year 2000 and 2019, the mean and median 50th percentile b_{ext} over the 2000-2019 period, standard deviation in the mean over the 2000-2019 period, and trend is the slope divided by the median b_{ext} times 100. Wavelength of 500nm.

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	ACAD1	44.377	-68.261	-0.58	0.00	15.80	4.82	10.96	10.31	3.71	-5.60
AS	AGTI1	33.464	-116.971	-0.54	0.00	15.06	4.86	10.65	9.69	3.82	-5.53
AS	BADL1	43.743	-101.941	-0.22	0.00	8.80	4.65	6.94	6.72	1.45	-3.25
AS	BALD1	34.058	-109.441	-0.12	0.00	4.49	2.31	3.24	3.34	0.71	-3.44
AS	BAND1	35.78	-106.266	-0.14	0.00	5.29	2.55	3.73	3.92	0.92	-3.69
AS	BIBE1	29.303	-103.178	-0.26	0.00	11.09	6.09	9.22	8.59	1.90	-3.06
AS	BLIS1	38.976	-120.103	-0.08	0.00	3.49	1.93	2.87	2.75	0.57	-2.98
AS	BOAP1	33.869	-106.852	-0.16	0.00	5.74	2.62	4.15	4.18	1.07	-3.93
AS	BOND1	40.052	-88.373	-1.47	0.00	40.79	12.84	25.83	26.08	8.82	-5.64
AS	BOWA1	47.947	-91.495	-0.35	0.00	11.12	4.47	7.70	7.80	2.11	-4.49
AS	BRCA1	37.618	-112.174	-0.09	0.00	3.74	1.96	2.85	2.85	0.60	-3.29
AS	BRID1	42.975	-109.758	-0.09	0.00	3.47	1.68	2.62	2.57	0.62	-3.68
AS	BRIG1	39.465	-74.449	-1.75	0.00	38.91	5.73	23.89	22.32	10.51	-7.83
AS	BRMA1	44.107	-70.729	-0.55	0.00	15.35	4.94	11.56	10.97	2.82	-5.00
AS	CABA1	43.833	-70.064	-0.67	0.00	17.34	4.62	11.08	10.64	4.11	-6.29
AS	CABI1	47.955	-115.671	-0.11	0.00	4.39	2.21	3.24	3.24	0.75	-3.53
AS	CACO1	41.976	-70.024	-0.78	0.00	19.94	5.19	13.19	12.18	5.12	-6.37
AS	CACR1	34.454	-94.143	-1.26	0.00	34.63	10.74	22.88	22.06	8.22	-5.70
AS	CANY1	38.459	-109.821	-0.13	0.00	4.33	1.85	3.11	3.09	0.78	-4.23
AS	CAPI1	38.302	-111.293	-0.11	0.00	4.14	2.14	2.98	3.03	0.56	-3.47
AS	CEBL1	38.77	-99.763	-0.47	0.00	14.78	5.82	10.16	9.59	2.46	-4.91
AS	CHAS1	28.748	-82.555	-1.52	0.00	38.77	9.82	26.21	24.30	9.32	-6.27
AS	CHIR1	32.009	-109.389	-0.15	0.00	5.57	2.68	4.17	4.12	0.96	-3.69
AS	COHU1	34.785	-84.627	-2.53	0.00	52.20	4.12	27.87	25.63	13.68	-9.88
AS	CORI1	45.664	-121.001	-0.33	0.00	9.96	3.69	7.52	6.83	2.26	-4.83
AS	CRLA1	42.896	-122.136	-0.07	0.00	3.72	2.48	3.07	3.10	0.59	-2.10
AS	CRMO1	43.46	-113.555	-0.08	0.00	3.41	1.85	2.59	2.63	0.58	-3.12
AS	DENA1	63.723	-148.967	-0.01	0.52	2.20	2.01	2.18	2.10	0.50	-0.47
AS	DOME1	35.728	-118.138	-0.13	0.00	7.05	4.64	5.92	5.78	0.99	-2.19
AS	DOSO1	39.105	-79.426	-1.89	0.00	43.05	7.11	25.72	25.08	11.83	-7.54
AS	EGBE1	44.231	-79.783	-0.66	0.01	19.83	7.36	12.07	11.63	3.13	-5.65
AS	ELDO1	37.701	-94.035	-1.28	0.00	33.77	9.54	22.57	22.93	5.71	-5.56

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	EVER1	25.391	-80.681	-0.56	0.00	19.44	8.88	15.45	13.88	3.94	-4.00
AS	FLAT1	47.773	-114.269	-0.10	0.00	4.27	2.42	3.22	3.20	0.58	-3.04
AS	FOPE1	48.308	-105.102	-0.14	0.01	7.70	5.03	6.16	6.15	1.07	-2.29
AS	FRRE1	39.706	-79.012	-2.31	0.00	50.13	6.29	26.05	23.59	11.63	-9.78
AS	GAMO1	46.826	-111.711	-0.07	0.00	3.17	1.76	2.37	2.43	0.49	-3.06
AS	GICL1	33.22	-108.235	-0.13	0.00	4.78	2.35	3.51	3.56	0.83	-3.60
AS	GLAC1	48.511	-113.997	-0.17	0.00	6.06	2.79	4.61	4.43	1.12	-3.89
AS	GRBA1	39.005	-114.216	-0.06	0.00	2.86	1.70	2.28	2.28	0.42	-2.66
AS	GRCA2	36.066	-112.154	-0.12	0.00	4.40	2.07	3.24	3.24	0.73	-3.79
AS	GRGU1	44.308	-71.218	-0.60	0.00	15.80	4.49	9.96	9.85	3.63	-6.05
AS	GRII1	43.937	-91.405	-0.77	0.00	20.76	6.07	12.52	12.25	4.13	-6.31
AS	GRSA1	37.725	-105.519	-0.13	0.00	4.77	2.28	3.48	3.52	0.83	-3.71
AS	GRSM1	35.633	-83.942	-2.26	0.00	51.20	8.20	30.92	29.70	14.76	-7.62
AS	GUMO1	31.833	-104.809	-0.17	0.00	7.76	4.59	6.16	6.17	1.17	-2.70
AS	HAVO1	19.431	-155.258	0.00	0.92	7.04	7.04	6.94	7.04	1.23	0.01
AS	HECA1	44.97	-116.844	-0.10	0.00	4.09	2.11	2.92	3.05	0.72	-3.42
AS	HEGL1	36.614	-92.922	-1.25	0.00	32.02	8.20	21.01	19.48	7.30	-6.43
AS	HOOV1	38.088	-119.177	-0.07	0.00	3.02	1.76	2.39	2.32	0.41	-2.86
AS	IKBA1	34.34	-111.683	-0.14	0.00	5.36	2.72	3.91	4.04	0.91	-3.44
AS	ISLE1	47.46	-88.149	-0.43	0.00	12.82	4.61	8.72	8.72	2.66	-4.96
AS	JARB1	41.893	-115.426	-0.05	0.01	2.74	1.78	2.20	2.26	0.39	-2.24
AS	JARI1	37.627	-79.512	-2.08	0.00	45.59	6.07	26.31	24.79	11.95	-8.39
AS	JOSH1	34.07	-116.389	-0.17	0.00	6.96	3.64	5.51	5.30	1.31	-3.29
AS	KAIS1	37.221	-119.155	-0.07	0.00	4.25	2.94	3.58	3.52	0.52	-1.95
AS	KALM1	42.552	-124.059	-0.15	0.00	6.30	3.43	4.85	4.86	1.03	-3.11
AS	LABE1	41.712	-121.507	-0.11	0.00	4.10	2.09	3.18	3.09	0.72	-3.41
AS	LASU2	40.693	-92.006	-1.11	0.00	29.62	8.62	16.49	16.36	5.75	-6.76
AS	LAVO1	40.54	-121.577	-0.09	0.00	3.85	2.11	3.05	2.98	0.62	-3.07
AS	LIGO1	35.972	-81.933	-2.08	0.00	44.90	5.46	27.41	25.18	14.90	-8.24
AS	LOST1	48.642	-102.402	-0.24	0.00	10.65	6.13	8.58	8.39	1.77	-2.83
AS	MACA1	37.132	-86.148	-2.30	0.00	58.58	14.97	35.27	36.78	14.52	-6.24
AS	MAVII	41.331	-70.785	-0.86	0.00	21.98	5.74	13.55	12.58	4.67	-6.80
AS	MEAD1	36.019	-114.068	-0.15	0.00	5.12	2.24	3.38	3.45	0.85	-4.40
AS	MELA1	48.487	-104.476	-0.15	0.00	8.08	5.24	6.80	6.66	1.21	-2.24
AS	MEVE1	37.198	-108.491	-0.14	0.00	5.02	2.42	3.58	3.72	0.89	-3.68
AS	MING1	36.972	-90.143	-1.57	0.00	38.41	8.59	24.89	22.71	9.88	-6.91
AS	MOHO1	45.289	-121.784	-0.14	0.00	5.03	2.42	3.77	3.73	0.96	-3.68

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	MOMO1	41.821	-73.297	-0.97	0.00	21.88	3.48	13.55	11.71	5.69	-8.27
AS	MONT1	47.122	-113.154	-0.09	0.00	3.71	2.09	2.81	2.86	0.57	-2.97
AS	MOOS1	45.126	-67.266	-0.56	0.00	15.38	4.80	10.32	10.09	3.43	-5.51
AS	MORA1	46.758	-122.124	-0.32	0.00	9.75	3.70	6.83	6.73	2.12	-4.73
AS	MOZI1	40.538	-106.677	-0.10	0.00	3.94	2.05	2.98	2.95	0.67	-3.38
AS	NEBR1	41.889	-100.339	-0.31	0.00	11.96	6.14	8.25	8.59	1.77	-3.57
AS	NOAB1	44.745	-109.382	-0.10	0.00	3.31	1.49	2.40	2.35	0.56	-4.07
AS	NOCA1	48.732	-121.065	-0.24	0.00	7.23	2.74	4.82	4.99	1.51	-4.73
AS	NOCH1	45.65	-106.557	-0.12	0.00	5.17	2.96	3.89	3.89	0.71	-2.99
AS	OKEF1	30.74	-82.128	-1.65	0.00	43.97	12.56	27.28	28.26	9.74	-5.85
AS	OLYM1	48.007	-122.973	-0.36	0.00	10.20	3.43	6.58	6.46	1.93	-5.51
AS	ORPI1	31.951	-112.802	-0.18	0.00	6.42	2.97	4.42	4.42	1.06	-4.10
AS	PASA1	48.388	-119.927	-0.11	0.00	4.70	2.52	3.45	3.55	0.77	-3.22
AS	PEFO1	35.078	-109.769	-0.13	0.00	4.95	2.53	3.64	3.74	0.81	-3.40
AS	PENO1	44.948	-68.648	-0.59	0.00	15.97	4.84	9.11	8.65	2.77	-6.78
AS	PINN1	36.483	-121.157	-0.23	0.00	8.58	4.23	6.74	6.41	1.46	-3.57
AS	PMRF1	44.528	-72.869	-0.61	0.00	16.40	4.78	10.95	10.29	3.68	-5.95
AS	PORE1	38.122	-122.909	-0.31	0.00	11.14	5.20	8.79	8.17	2.01	-3.83
AS	PRIS1	46.696	-68.033	-0.44	0.00	13.81	5.43	9.18	9.40	2.64	-4.69
AS	QUCI1	39.943	-81.338	-2.22	0.00	51.14	9.03	31.23	28.98	13.34	-7.65
AS	QURE1	42.299	-72.335	-0.89	0.00	23.76	6.87	15.14	16.65	4.53	-5.34
AS	QUVA1	33.294	-111.286	-0.15	0.00	6.19	3.38	5.02	5.00	0.76	-2.96
AS	RAFA1	34.734	-120.007	-0.34	0.00	10.56	4.16	8.18	7.36	2.27	-4.57
AS	REDW1	41.561	-124.084	-0.20	0.00	7.76	3.92	6.28	5.84	1.48	-3.46
AS	ROMA1	32.941	-79.657	-1.78	0.00	45.28	11.52	28.25	28.40	11.41	-6.26
AS	ROMO1	40.278	-105.546	-0.13	0.00	4.42	1.96	3.34	3.19	0.87	-4.05
AS	SACR1	33.46	-104.404	-0.23	0.00	8.93	4.61	6.97	6.65	1.42	-3.41
AS	SAGA1	34.297	-118.028	-0.22	0.00	7.70	3.57	6.08	5.42	1.69	-4.01
AS	SAGO1	34.194	-116.913	-0.20	0.00	7.07	3.34	5.34	5.20	1.33	-3.77
AS	SAGU1	32.175	-110.737	-0.16	0.00	5.84	2.87	4.11	4.28	0.93	-3.66
AS	SAMA1	30.093	-84.161	-1.72	0.00	44.17	11.51	27.66	26.98	9.98	-6.37
AS	SAPE1	36.014	-106.845	-0.12	0.00	4.40	2.03	3.15	3.15	0.77	-3.96
AS	SAWE1	32.249	-111.218	-0.14	0.00	6.04	3.29	4.28	4.52	0.86	-3.21
AS	SAWT1	44.171	-114.927	-0.06	0.00	2.57	1.37	2.00	1.97	0.43	-3.22
AS	SENE1	46.289	-85.95	-0.49	0.00	14.34	5.07	10.13	9.70	3.16	-5.03
AS	SEQU1	36.489	-118.829	-0.24	0.00	10.26	5.77	8.33	8.01	1.56	-2.95
AS	SHEN1	38.523	-78.435	-1.79	0.00	39.20	5.13	24.01	22.16	10.98	-8.09

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	SHMI1	37.304	-107.484	-0.14	0.00	4.85	2.28	2.99	3.23	0.65	-4.19
AS	SHRO1	35.394	-82.774	-1.41	0.00	32.30	5.48	20.57	18.89	10.09	-7.47
AS	SIAN1	34.091	-110.942	-0.13	0.00	5.05	2.48	3.98	4.03	0.72	-3.35
AS	SIME1	55.326	-160.506	0.00	0.91	8.25	8.18	8.10	8.21	0.83	-0.04
AS	SIPS1	34.343	-87.339	-2.07	0.00	49.15	9.85	30.39	29.50	13.21	-7.01
AS	SNPA1	47.422	-121.426	-0.29	0.00	7.98	2.56	6.02	5.27	2.24	-5.41
AS	STAR1	45.225	-118.513	-0.14	0.00	5.30	2.58	3.89	3.94	0.95	-3.63
AS	SULA1	45.86	-114	-0.09	0.00	3.40	1.76	2.47	2.58	0.56	-3.34
AS	SWAN1	35.451	-76.207	-1.46	0.00	37.11	9.46	22.09	22.55	8.48	-6.45
AS	SYCA1	35.141	-111.969	-0.11	0.00	4.79	2.65	4.01	3.94	0.66	-2.85
AS	TALL1	38.434	-96.56	-0.81	0.00	24.48	9.01	14.99	15.52	4.29	-5.24
AS	THBA1	44.663	-105.287	-0.12	0.00	5.93	3.63	4.46	4.54	0.80	-2.67
AS	THRO1	46.895	-103.378	-0.23	0.00	9.35	4.97	7.03	7.16	1.53	-3.22
AS	THSI1	44.291	-122.043	-0.17	0.00	6.23	3.08	4.55	4.65	1.10	-3.56
AS	TONT1	33.655	-111.107	-0.16	0.00	6.00	2.94	4.45	4.47	0.96	-3.60
AS	TRCR1	62.315	-150.316	-0.04	0.08	3.05	2.25	2.81	2.61	0.76	-1.62
AS	TRIN1	40.786	-122.805	-0.10	0.00	4.68	2.85	3.73	3.86	0.64	-2.49
AS	ULBE1	47.582	-108.72	-0.12	0.00	5.11	2.78	3.99	3.94	0.81	-3.12
AS	UPBU1	35.826	-93.203	-1.17	0.00	32.23	9.93	20.80	21.08	7.18	-5.57
AS	VIIS1	18.336	-64.796	-0.03	0.56	8.26	7.74	8.04	8.02	1.28	-0.34
AS	VILA1	40.969	-95.045	-0.83	0.00	24.23	8.42	15.03	15.08	4.63	-5.52
AS	VOYA2	48.413	-92.829	-0.28	0.00	9.95	4.55	7.16	7.25	1.91	-3.92
AS	WEMI1	37.659	-107.8	-0.11	0.00	3.99	1.99	2.89	2.99	0.66	-3.51
AS	WHIT1	33.469	-105.535	-0.14	0.00	6.19	3.51	4.50	4.71	0.94	-3.00
AS	WHPA1	46.624	-121.388	-0.15	0.00	4.64	1.73	3.35	3.18	1.11	-4.81
AS	WHPE1	36.585	-105.452	-0.12	0.00	4.43	2.13	2.96	3.16	0.70	-3.83
AS	WHRI1	39.154	-106.821	-0.09	0.00	3.54	1.79	2.61	2.66	0.58	-3.46
AS	WICA1	43.558	-103.484	-0.17	0.00	7.05	3.75	5.25	5.40	1.19	-3.22
AS	WIMO1	34.732	-98.713	-0.68	0.00	21.80	8.87	14.97	14.99	4.36	-4.54
AS	YELL2	44.565	-110.4	-0.10	0.00	3.53	1.63	2.57	2.58	0.63	-3.89
AS	YOSE1	37.713	-119.706	-0.12	0.00	5.20	2.89	4.11	4.04	0.86	-3.01
AS	ZICA1	37.198	-113.151	-0.13	0.00	4.63	2.08	3.11	3.16	0.69	-4.25
AN	ACAD1	44.377	-68.261	-0.07	0.00	2.35	1.04	1.79	1.66	0.49	-4.13
AN	AGTI1	33.464	-116.971	-0.29	0.00	8.27	2.84	6.56	5.41	2.38	-5.29
AN	BADL1	43.743	-101.941	-0.01	0.60	1.63	1.45	1.57	1.53	0.29	-0.64
AN	BALD1	34.058	-109.441	-0.01	0.02	0.60	0.47	0.56	0.53	0.09	-1.35
AN	BAND1	35.78	-106.266	-0.02	0.00	0.91	0.54	0.76	0.72	0.17	-2.72

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AN	BIBE1	29.303	-103.178	0.00	0.34	0.87	0.78	0.86	0.82	0.13	-0.57
AN	BLIS1	38.976	-120.103	-0.02	0.01	0.92	0.55	0.75	0.74	0.17	-2.68
AN	BOAP1	33.869	-106.852	-0.02	0.00	0.90	0.58	0.74	0.73	0.16	-2.32
AN	BOND1	40.052	-88.373	-0.61	0.00	17.96	6.43	12.67	11.89	4.49	-5.10
AN	BOWA1	47.947	-91.495	-0.04	0.00	1.38	0.62	1.03	0.98	0.36	-4.13
AN	BRCA1	37.618	-112.174	-0.02	0.00	0.87	0.56	0.73	0.71	0.15	-2.26
AN	BRID1	42.975	-109.758	-0.01	0.01	0.73	0.48	0.62	0.60	0.16	-2.23
AN	BRIG1	39.465	-74.449	-0.15	0.00	6.95	4.07	5.38	5.43	0.91	-2.78
AN	BRMA1	44.107	-70.729	-0.08	0.01	2.25	0.67	1.62	1.59	0.44	-5.24
AN	CABA1	43.833	-70.064	-0.08	0.00	3.07	1.50	2.45	2.24	0.67	-3.68
AN	CABI1	47.955	-115.671	-0.01	0.02	0.94	0.70	0.82	0.82	0.14	-1.59
AN	CACO1	41.976	-70.024	-0.09	0.00	3.67	2.04	3.08	2.81	0.60	-3.06
AN	CACR1	34.454	-94.143	-0.15	0.00	5.39	2.60	3.88	3.92	0.92	-3.74
AN	CANY1	38.459	-109.821	-0.02	0.00	0.76	0.45	0.63	0.60	0.14	-2.69
AN	CAPI1	38.302	-111.293	-0.02	0.00	0.91	0.56	0.76	0.72	0.19	-2.55
AN	CEBL1	38.77	-99.763	-0.14	0.01	5.04	2.43	3.80	3.53	1.22	-3.89
AN	CHAS1	28.748	-82.555	-0.07	0.01	4.58	3.21	3.95	3.86	0.59	-1.88
AN	CHIR1	32.009	-109.389	-0.01	0.01	0.76	0.56	0.67	0.66	0.15	-1.58
AN	COHU1	34.785	-84.627	-0.15	0.00	4.65	1.76	3.37	3.05	1.00	-4.99
AN	CORI1	45.664	-121.001	-0.08	0.02	4.47	3.03	3.87	3.71	0.72	-2.04
AN	CRLA1	42.896	-122.136	-0.01	0.12	0.69	0.42	0.59	0.55	0.20	-2.65
AN	CRMO1	43.46	-113.555	-0.03	0.00	1.42	0.87	1.13	1.13	0.27	-2.56
AN	DENA1	63.723	-148.967	0.00	0.02	0.28	0.19	0.23	0.23	0.05	-1.97
AN	DOME1	35.728	-118.138	-0.11	0.00	3.33	1.19	2.49	2.15	0.80	-5.23
AN	DOSO1	39.105	-79.426	-0.02	0.34	2.60	2.27	2.50	2.42	0.51	-0.72
AN	EGBE1	44.231	-79.783	-0.18	0.06	7.39	4.03	5.37	5.18	1.30	-3.41
AN	ELDO1	37.701	-94.035	-0.18	0.01	6.94	3.60	5.79	5.45	1.20	-3.23
AN	EVER1	25.391	-80.681	-0.04	0.01	3.53	2.79	3.13	3.14	0.28	-1.25
AN	FLAT1	47.773	-114.269	-0.02	0.02	0.98	0.59	0.81	0.76	0.16	-2.75
AN	FOPE1	48.308	-105.102	-0.01	0.46	1.63	1.44	1.54	1.52	0.41	-0.64
AN	FRRE1	39.706	-79.012	-0.01	0.53	3.28	3.11	3.13	3.18	0.42	-0.27
AN	GAMO1	46.826	-111.711	-0.02	0.00	0.76	0.42	0.63	0.58	0.18	-3.10
AN	GICL1	33.22	-108.235	0.00	0.34	0.48	0.43	0.46	0.46	0.07	-0.62
AN	GLAC1	48.511	-113.997	-0.03	0.01	1.38	0.78	1.11	1.06	0.27	-3.00
AN	GRBA1	39.005	-114.216	-0.01	0.01	0.56	0.33	0.45	0.44	0.11	-2.76
AN	GRCA2	36.066	-112.154	-0.01	0.00	0.77	0.57	0.68	0.67	0.09	-1.58
AN	GRGU1	44.308	-71.218	-0.03	0.01	1.14	0.57	0.92	0.84	0.25	-3.61

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AN	GRR1	43.937	-91.405	-0.29	0.00	9.36	3.83	6.80	6.16	2.02	-4.73
AN	GRSA1	37.725	-105.519	-0.02	0.00	0.86	0.48	0.73	0.66	0.19	-3.06
AN	GRSM1	35.633	-83.942	-0.08	0.00	3.13	1.59	2.47	2.32	0.57	-3.49
AN	GUMO1	31.833	-104.809	-0.01	0.15	1.29	1.04	1.14	1.16	0.19	-1.16
AN	HAVO1	19.431	-155.258	-0.01	0.06	0.74	0.53	0.65	0.63	0.12	-1.71
AN	HECA1	44.97	-116.844	-0.02	0.00	0.87	0.53	0.76	0.69	0.22	-2.66
AN	HEGL1	36.614	-92.922	-0.12	0.00	5.00	2.76	3.69	3.82	0.82	-3.08
AN	HOOV1	38.088	-119.177	-0.01	0.08	0.73	0.49	0.60	0.59	0.14	-2.15
AN	IKBA1	34.34	-111.683	-0.03	0.00	1.23	0.70	1.02	0.95	0.21	-2.95
AN	ISLE1	47.46	-88.149	-0.04	0.00	1.29	0.62	1.00	0.94	0.25	-3.81
AN	JARB1	41.893	-115.426	-0.01	0.02	0.45	0.34	0.41	0.39	0.07	-1.50
AN	JARI1	37.627	-79.512	-0.17	0.00	4.48	1.16	3.12	2.73	1.05	-6.39
AN	JOSH1	34.07	-116.389	-0.20	0.00	5.00	1.13	3.53	2.96	1.55	-6.88
AN	KAIS1	37.221	-119.155	-0.02	0.09	1.43	1.09	1.34	1.24	0.38	-1.42
AN	KALM1	42.552	-124.059	-0.03	0.00	1.25	0.76	1.03	0.99	0.20	-2.57
AN	LABE1	41.712	-121.507	-0.02	0.00	0.97	0.55	0.80	0.75	0.22	-2.90
AN	LASU2	40.693	-92.006	-0.43	0.00	12.71	4.51	7.89	7.53	2.58	-5.73
AN	LAVO1	40.54	-121.577	-0.01	0.00	0.82	0.55	0.66	0.68	0.13	-2.09
AN	LIGO1	35.972	-81.933	-0.05	0.00	2.10	1.18	1.74	1.61	0.38	-3.01
AN	LOST1	48.642	-102.402	0.00	0.92	3.49	3.40	3.42	3.44	0.59	-0.14
AN	MACA1	37.132	-86.148	-0.31	0.00	8.33	2.46	6.15	5.24	2.07	-5.90
AN	MAVI1	41.331	-70.785	-0.09	0.00	4.72	3.07	3.74	3.76	0.46	-2.31
AN	MEAD1	36.019	-114.068	-0.01	0.02	0.88	0.64	0.75	0.74	0.12	-1.71
AN	MELA1	48.487	-104.476	0.02	0.25	1.81	2.21	2.22	2.02	0.63	1.05
AN	MEVE1	37.198	-108.491	-0.03	0.00	1.04	0.49	0.78	0.75	0.20	-3.82
AN	MING1	36.972	-90.143	-0.25	0.00	6.88	2.18	4.75	4.41	1.60	-5.62
AN	MOHO1	45.289	-121.784	-0.03	0.03	1.37	0.84	1.10	1.09	0.25	-2.59
AN	MOMO1	41.821	-73.297	-0.09	0.01	3.91	2.20	3.14	2.97	0.68	-3.04
AN	MONT1	47.122	-113.154	-0.01	0.04	0.53	0.31	0.45	0.42	0.11	-2.75
AN	MOOS1	45.126	-67.266	-0.07	0.00	2.07	0.82	1.46	1.41	0.43	-4.65
AN	MORA1	46.758	-122.124	-0.04	0.00	1.58	0.79	1.24	1.17	0.33	-3.56
AN	MOZI1	40.538	-106.677	-0.01	0.02	0.83	0.59	0.74	0.70	0.17	-1.77
AN	NEBR1	41.889	-100.339	-0.05	0.28	3.13	2.09	2.60	2.53	0.69	-2.16
AN	NOAB1	44.745	-109.382	-0.01	0.00	0.69	0.41	0.59	0.54	0.14	-2.67
AN	NOCA1	48.732	-121.065	-0.02	0.00	0.89	0.57	0.74	0.72	0.12	-2.39
AN	NOCH1	45.65	-106.557	-0.01	0.08	0.76	0.57	0.66	0.65	0.11	-1.55
AN	OKEF1	30.74	-82.128	-0.05	0.00	3.64	2.62	3.28	3.11	0.54	-1.73

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AN	OLYM1	48.007	-122.973	-0.06	0.04	2.92	1.69	2.33	2.24	0.53	-2.88
AN	ORPI1	31.951	-112.802	-0.02	0.02	1.44	1.10	1.24	1.25	0.17	-1.43
AN	PASA1	48.388	-119.927	-0.02	0.00	0.94	0.56	0.78	0.74	0.17	-2.73
AN	PEFO1	35.078	-109.769	-0.03	0.00	1.11	0.57	0.84	0.83	0.20	-3.42
AN	PENO1	44.948	-68.648	-0.04	0.06	2.04	1.36	1.59	1.59	0.23	-2.24
AN	PINN1	36.483	-121.157	-0.14	0.00	5.72	2.97	4.27	4.27	0.95	-3.39
AN	PMRF1	44.528	-72.869	-0.05	0.00	2.09	1.15	1.65	1.60	0.36	-3.09
AN	PORE1	38.122	-122.909	-0.11	0.00	3.73	1.64	2.93	2.63	0.76	-4.17
AN	PRIS1	46.696	-68.033	-0.05	0.00	1.71	0.76	1.24	1.21	0.33	-4.13
AN	QUCI1	39.943	-81.338	-0.06	0.01	4.25	3.18	4.10	3.69	0.94	-1.52
AN	QURE1	42.299	-72.335	-0.08	0.03	3.40	1.89	2.94	2.76	0.58	-2.89
AN	QUVA1	33.294	-111.286	-0.03	0.00	1.44	0.89	1.22	1.21	0.18	-2.42
AN	RAFA1	34.734	-120.007	-0.13	0.00	5.19	2.67	4.32	3.86	1.27	-3.44
AN	REDW1	41.561	-124.084	-0.05	0.01	2.21	1.20	1.83	1.68	0.51	-3.16
AN	ROMA1	32.941	-79.657	-0.06	0.00	4.07	2.87	3.47	3.44	0.47	-1.84
AN	ROMO1	40.278	-105.546	-0.02	0.00	0.97	0.55	0.84	0.75	0.24	-2.98
AN	SACR1	33.46	-104.404	-0.05	0.00	2.53	1.52	2.13	2.00	0.45	-2.65
AN	SAGA1	34.297	-118.028	-0.21	0.00	6.14	2.17	4.32	3.94	1.48	-5.31
AN	SAGO1	34.194	-116.913	-0.54	0.00	10.14	-0.16	6.39	4.72	3.55	-11.48
AN	SAGU1	32.175	-110.737	-0.02	0.01	1.36	1.00	1.17	1.17	0.15	-1.63
AN	SAMA1	30.093	-84.161	-0.04	0.07	3.68	2.92	3.39	3.28	0.55	-1.21
AN	SAPE1	36.014	-106.845	-0.02	0.00	0.82	0.52	0.69	0.67	0.13	-2.38
AN	SAWE1	32.249	-111.218	-0.02	0.01	1.61	1.20	1.36	1.38	0.19	-1.53
AN	SAWT1	44.171	-114.927	-0.01	0.02	0.41	0.29	0.35	0.34	0.06	-1.84
AN	SENE1	46.289	-85.95	-0.06	0.00	1.99	0.84	1.54	1.38	0.59	-4.39
AN	SEQU1	36.489	-118.829	-0.19	0.00	5.86	2.21	4.39	3.94	1.41	-4.89
AN	SHEN1	38.523	-78.435	-0.12	0.00	4.91	2.59	3.94	3.69	0.99	-3.31
AN	SHMI1	37.304	-107.484	-0.02	0.07	0.93	0.62	0.71	0.73	0.13	-2.28
AN	SHRO1	35.394	-82.774	-0.02	0.12	2.37	1.97	2.24	2.16	0.30	-0.96
AN	SIAN1	34.091	-110.942	-0.04	0.00	1.10	0.35	0.84	0.78	0.20	-4.99
AN	SIME1	55.326	-160.506	0.00	0.91	1.09	1.05	1.06	1.06	0.13	-0.18
AN	SIPS1	34.343	-87.339	-0.17	0.00	5.13	1.88	3.55	3.42	1.18	-5.01
AN	SNPA1	47.422	-121.426	-0.09	0.00	3.24	1.46	2.41	2.30	0.72	-4.07
AN	STAR1	45.225	-118.513	-0.03	0.00	1.31	0.66	1.00	0.96	0.28	-3.54
AN	SULA1	45.86	-114	-0.01	0.00	0.56	0.34	0.49	0.44	0.14	-2.62
AN	SWAN1	35.451	-76.207	-0.02	0.15	3.31	2.85	3.10	3.07	0.40	-0.80
AN	SYCA1	35.141	-111.969	-0.02	0.10	1.08	0.77	0.99	0.95	0.16	-1.72

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AN	TALL1	38.434	-96.56	-0.21	0.00	6.71	2.79	4.76	4.44	1.47	-4.65
AN	THBA1	44.663	-105.287	-0.01	0.05	0.93	0.72	0.80	0.80	0.15	-1.42
AN	THRO1	46.895	-103.378	-0.06	0.03	2.39	1.29	1.89	1.81	0.54	-3.21
AN	THSI1	44.291	-122.043	-0.03	0.01	0.96	0.42	0.71	0.68	0.22	-4.20
AN	TONT1	33.655	-111.107	-0.02	0.00	1.24	0.78	1.02	1.00	0.20	-2.40
AN	TRCR1	62.315	-150.316	-0.01	0.03	0.46	0.32	0.39	0.38	0.07	-1.95
AN	TRIN1	40.786	-122.805	-0.02	0.00	0.89	0.44	0.76	0.69	0.19	-3.38
AN	ULBE1	47.582	-108.72	-0.01	0.17	0.59	0.45	0.57	0.52	0.12	-1.50
AN	UPBU1	35.826	-93.203	-0.16	0.00	6.07	3.07	4.12	4.49	1.08	-3.51
AN	VIIS1	18.336	-64.796	0.01	0.14	1.81	2.09	1.97	1.96	0.16	0.73
AN	VILA1	40.969	-95.045	-0.37	0.00	12.06	5.08	8.30	8.02	2.54	-4.58
AN	VOYA2	48.413	-92.829	-0.04	0.00	1.34	0.54	1.02	0.92	0.36	-4.55
AN	WEMI1	37.659	-107.8	-0.01	0.06	0.53	0.39	0.46	0.46	0.10	-1.50
AN	WHIT1	33.469	-105.535	-0.01	0.14	0.78	0.64	0.70	0.70	0.10	-1.00
AN	WHPA1	46.624	-121.388	-0.02	0.02	0.76	0.46	0.65	0.60	0.14	-2.57
AN	WHPE1	36.585	-105.452	-0.01	0.01	0.82	0.56	0.69	0.68	0.13	-2.02
AN	WHRI1	39.154	-106.821	-0.01	0.02	0.71	0.56	0.66	0.63	0.11	-1.23
AN	WICA1	43.558	-103.484	-0.02	0.02	1.05	0.76	0.98	0.90	0.21	-1.68
AN	WIMO1	34.732	-98.713	-0.04	0.06	3.89	3.09	3.38	3.47	0.66	-1.21
AN	YELL2	44.565	-110.4	-0.02	0.00	0.88	0.54	0.70	0.70	0.16	-2.61
AN	YOSE1	37.713	-119.706	-0.02	0.22	1.33	0.92	1.13	1.11	0.29	-1.96
AN	ZICA1	37.198	-113.151	-0.02	0.00	0.86	0.52	0.68	0.66	0.13	-2.67
POM	ACAD1	44.377	-68.261	-0.08	0.00	4.75	3.29	4.23	4.02	0.62	-1.92
POM	AGTI1	33.464	-116.971	-0.25	0.00	8.80	4.11	6.81	6.46	1.48	-3.82
POM	BADL1	43.743	-101.941	-0.06	0.07	4.54	3.35	4.03	3.94	1.18	-1.59
POM	BALD1	34.058	-109.441	-0.08	0.00	3.91	2.37	3.10	3.10	0.75	-2.61
POM	BAND1	35.78	-106.266	-0.09	0.00	4.72	2.96	3.95	3.84	0.72	-2.40
POM	BIBE1	29.303	-103.178	-0.05	0.07	4.34	3.42	3.98	3.88	0.57	-1.24
POM	BLIS1	38.976	-120.103	-0.07	0.15	4.71	3.41	4.37	4.09	0.80	-1.67
POM	BOAP1	33.869	-106.852	-0.08	0.00	4.89	3.44	4.30	4.17	0.78	-1.83
POM	BOND1	40.052	-88.373	-0.18	0.00	9.89	6.44	7.96	8.07	1.22	-2.25
POM	BOWA1	47.947	-91.495	-0.12	0.00	5.24	2.99	4.35	4.12	1.08	-2.88
POM	BRCA1	37.618	-112.174	-0.05	0.00	2.93	2.04	2.55	2.48	0.39	-1.87
POM	BRID1	42.975	-109.758	-0.03	0.12	2.67	2.17	2.42	2.42	0.37	-1.09
POM	BRIG1	39.465	-74.449	-0.18	0.00	9.78	6.41	8.21	8.01	1.35	-2.21
POM	BRMA1	44.107	-70.729	-0.13	0.01	7.26	4.72	6.15	6.19	0.81	-2.16
POM	CABA1	43.833	-70.064	-0.09	0.01	8.20	6.44	7.31	7.27	0.94	-1.28

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
POM	CABI1	47.955	-115.671	-0.07	0.12	4.93	3.58	4.19	4.22	0.84	-1.68
POM	CACO1	41.976	-70.024	-0.12	0.00	5.93	3.64	4.92	4.73	0.75	-2.55
POM	CACR1	34.454	-94.143	-0.23	0.00	10.97	6.57	9.24	8.65	1.73	-2.67
POM	CANY1	38.459	-109.821	-0.04	0.00	2.81	2.13	2.49	2.47	0.37	-1.44
POM	CAPI1	38.302	-111.293	-0.05	0.02	2.97	2.11	2.60	2.49	0.34	-1.81
POM	CEBL1	38.77	-99.763	-0.02	0.51	5.39	4.99	5.33	5.16	0.68	-0.41
POM	CHAS1	28.748	-82.555	-0.17	0.00	10.74	7.55	9.28	9.14	1.35	-1.84
POM	CHIR1	32.009	-109.389	-0.03	0.17	2.88	2.40	2.70	2.64	0.45	-0.97
POM	COHU1	34.785	-84.627	-0.32	0.00	12.90	6.82	9.72	9.54	2.02	-3.36
POM	CORI1	45.664	-121.001	-0.15	0.00	7.76	4.99	6.60	6.38	1.35	-2.28
POM	CRLA1	42.896	-122.136	-0.04	0.03	3.03	2.19	2.61	2.58	0.43	-1.71
POM	CRM01	43.46	-113.555	-0.05	0.09	3.34	2.44	2.84	2.87	0.48	-1.65
POM	DENA1	63.723	-148.967	-0.01	0.07	1.50	1.24	1.39	1.37	0.19	-0.99
POM	DOME1	35.728	-118.138	-0.08	0.02	7.21	5.61	6.49	6.36	0.88	-1.32
POM	DOSO1	39.105	-79.426	-0.23	0.00	9.27	4.98	7.24	7.13	1.76	-3.17
POM	EGBE1	44.231	-79.783	-0.03	0.48	6.59	5.96	6.13	6.18	0.66	-0.53
POM	EVER1	25.391	-80.681	-0.12	0.00	6.22	3.90	4.85	5.00	1.03	-2.45
POM	FLAT1	47.773	-114.269	-0.04	0.41	4.50	3.82	4.12	4.11	0.70	-0.87
POM	FOPE1	48.308	-105.102	-0.06	0.01	4.53	3.32	3.84	3.82	0.54	-1.67
POM	FRRE1	39.706	-79.012	-0.19	0.00	9.44	5.76	7.26	7.21	1.19	-2.69
POM	GAMO1	46.826	-111.711	-0.03	0.10	2.77	2.18	2.40	2.46	0.48	-1.25
POM	GICL1	33.22	-108.235	-0.09	0.00	3.99	2.29	3.37	3.14	1.02	-2.86
POM	GLAC1	48.511	-113.997	-0.20	0.00	9.53	5.80	8.07	7.66	1.52	-2.56
POM	GRBA1	39.005	-114.216	-0.09	0.00	3.56	1.92	2.83	2.74	0.75	-3.16
POM	GRCA2	36.066	-112.154	-0.05	0.02	3.22	2.23	2.70	2.72	0.50	-1.93
POM	GRGU1	44.308	-71.218	-0.11	0.00	5.20	3.11	4.12	4.10	0.74	-2.69
POM	GRII1	43.937	-91.405	-0.10	0.00	7.53	5.58	6.51	6.40	0.75	-1.60
POM	GRSA1	37.725	-105.519	-0.03	0.09	3.95	3.31	3.67	3.63	0.48	-0.93
POM	GRSM1	35.633	-83.942	-0.30	0.00	11.74	6.03	9.13	8.89	2.13	-3.38
POM	GUMO1	31.833	-104.809	-0.05	0.02	4.27	3.24	3.81	3.76	0.55	-1.44
POM	HAVO1	19.431	-155.258	-0.02	0.34	1.08	0.78	1.03	0.92	0.73	-1.70
POM	HECA1	44.97	-116.844	-0.09	0.00	5.93	4.24	5.01	5.04	0.81	-1.77
POM	HEGL1	36.614	-92.922	-0.19	0.00	11.08	7.43	9.37	9.16	1.28	-2.09
POM	HOOV1	38.088	-119.177	-0.01	0.57	2.70	2.47	2.64	2.57	0.54	-0.48
POM	IKBA1	34.34	-111.683	-0.09	0.01	4.61	2.95	3.99	3.78	1.08	-2.31
POM	ISLE1	47.46	-88.149	-0.07	0.03	4.52	3.23	3.87	3.87	0.71	-1.75
POM	JARB1	41.893	-115.426	-0.04	0.01	2.89	2.08	2.49	2.49	0.43	-1.71

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
POM	JARI1	37.627	-79.512	-0.19	0.00	13.41	9.83	11.27	11.53	1.53	-1.64
POM	JOSH1	34.07	-116.389	-0.13	0.00	5.30	2.86	4.34	4.08	0.98	-3.14
POM	KAIS1	37.221	-119.155	-0.04	0.32	4.98	4.19	4.44	4.54	1.02	-0.92
POM	KALM1	42.552	-124.059	-0.09	0.01	6.09	4.38	5.33	5.24	0.79	-1.71
POM	LABE1	41.712	-121.507	-0.09	0.00	5.14	3.42	4.24	4.28	0.92	-2.11
POM	LASU2	40.693	-92.006	-0.11	0.02	8.51	6.38	7.23	7.16	0.71	-1.56
POM	LAVO1	40.54	-121.577	-0.06	0.09	4.30	3.16	3.86	3.73	0.84	-1.61
POM	LIGO1	35.972	-81.933	-0.19	0.00	11.33	7.68	9.48	9.51	1.85	-2.02
POM	LOST1	48.642	-102.402	-0.09	0.00	4.94	3.31	4.21	4.13	0.84	-2.08
POM	MACA1	37.132	-86.148	-0.24	0.00	12.00	7.40	10.16	9.70	1.70	-2.49
POM	MAVI1	41.331	-70.785	-0.11	0.00	5.91	3.72	4.81	4.64	0.97	-2.48
POM	MEAD1	36.019	-114.068	-0.06	0.00	3.48	2.27	2.79	2.78	0.38	-2.29
POM	MELA1	48.487	-104.476	-0.05	0.01	3.88	2.97	3.57	3.43	0.47	-1.41
POM	MEVE1	37.198	-108.491	-0.09	0.00	3.59	1.94	2.88	2.76	0.70	-3.14
POM	MING1	36.972	-90.143	-0.26	0.00	13.35	8.46	11.06	10.39	2.19	-2.48
POM	MOHO1	45.289	-121.784	-0.03	0.17	2.63	2.10	2.53	2.36	0.66	-1.19
POM	MOMO1	41.821	-73.297	-0.15	0.00	7.20	4.37	5.81	5.63	1.05	-2.65
POM	MONT1	47.122	-113.154	-0.09	0.03	5.39	3.76	4.61	4.53	0.73	-1.90
POM	MOOS1	45.126	-67.266	-0.15	0.00	5.94	3.04	4.82	4.49	1.03	-3.39
POM	MORA1	46.758	-122.124	-0.15	0.00	5.82	3.04	4.76	4.43	1.27	-3.31
POM	MOZI1	40.538	-106.677	-0.04	0.02	2.62	1.90	2.17	2.24	0.38	-1.69
POM	NEBR1	41.889	-100.339	-0.04	0.06	4.62	3.86	4.02	4.18	0.48	-0.96
POM	NOAB1	44.745	-109.382	-0.03	0.06	2.43	1.79	2.06	2.09	0.56	-1.61
POM	NOCA1	48.732	-121.065	-0.04	0.12	3.14	2.32	2.81	2.73	0.64	-1.58
POM	NOCH1	45.65	-106.557	-0.03	0.14	3.15	2.64	2.90	2.85	0.48	-0.93
POM	OKEF1	30.74	-82.128	-0.26	0.00	12.14	7.21	10.10	9.67	1.90	-2.68
POM	OLYM1	48.007	-122.973	-0.15	0.00	5.22	2.28	3.90	3.60	1.00	-4.30
POM	ORPI1	31.951	-112.802	-0.05	0.25	3.27	2.41	3.03	2.77	0.77	-1.62
POM	PASA1	48.388	-119.927	-0.01	0.70	2.79	2.51	2.76	2.64	0.56	-0.55
POM	PEFO1	35.078	-109.769	-0.09	0.00	4.17	2.46	3.45	3.32	0.76	-2.71
POM	PENO1	44.948	-68.648	-0.10	0.06	8.14	6.22	6.87	6.87	0.80	-1.47
POM	PINN1	36.483	-121.157	-0.10	0.01	6.59	4.69	5.72	5.64	0.87	-1.77
POM	PITT1	40.465	-79.961	-0.30	0.00	14.75	9.12	11.85	11.34	2.06	-2.61
POM	PMRF1	44.528	-72.869	-0.14	0.00	6.96	4.23	5.49	5.52	0.85	-2.60
POM	PORE1	38.122	-122.909	-0.05	0.03	2.82	1.88	2.43	2.35	0.55	-2.10
POM	PRIS1	46.696	-68.033	-0.16	0.00	7.93	4.89	6.30	6.33	1.03	-2.52
POM	QUCI1	39.943	-81.338	-0.19	0.00	10.31	6.70	8.39	8.41	1.27	-2.26

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
POM	QURE1	42.299	-72.335	-0.19	0.00	8.69	5.12	6.98	7.18	0.92	-2.61
POM	QUVA1	33.294	-111.286	-0.14	0.00	5.22	2.63	4.12	4.13	0.79	-3.30
POM	RAFA1	34.734	-120.007	-0.15	0.00	6.14	3.36	4.96	4.75	1.12	-3.08
POM	REDW1	41.561	-124.084	-0.06	0.02	3.39	2.21	2.92	2.80	0.62	-2.22
POM	ROMA1	32.941	-79.657	-0.20	0.00	10.87	7.14	9.18	9.01	1.46	-2.18
POM	ROMO1	40.278	-105.546	-0.05	0.00	3.42	2.41	2.89	2.91	0.50	-1.82
POM	SACR1	33.46	-104.404	-0.04	0.07	5.10	4.35	4.81	4.71	0.56	-0.84
POM	SAGA1	34.297	-118.028	-0.12	0.01	5.56	3.32	4.53	4.32	0.99	-2.73
POM	SAGO1	34.194	-116.913	-0.15	0.00	6.18	3.35	5.14	4.77	1.22	-3.12
POM	SAGU1	32.175	-110.737	-0.09	0.01	4.70	3.04	4.12	3.83	0.73	-2.28
POM	SAMA1	30.093	-84.161	-0.19	0.00	9.76	6.20	8.50	7.89	1.46	-2.38
POM	SAPE1	36.014	-106.845	-0.05	0.00	3.02	2.09	2.50	2.53	0.46	-1.93
POM	SAWE1	32.249	-111.218	-0.07	0.09	5.12	3.83	4.48	4.40	0.78	-1.55
POM	SAWT1	44.171	-114.927	-0.15	0.00	6.58	3.68	5.03	5.05	0.96	-3.02
POM	SENE1	46.289	-85.95	-0.09	0.01	5.61	3.97	4.64	4.79	0.82	-1.80
POM	SEQU1	36.489	-118.829	-0.20	0.06	14.06	10.21	11.71	12.13	2.18	-1.67
POM	SHEN1	38.523	-78.435	-0.10	0.00	7.19	5.25	6.32	6.22	0.93	-1.64
POM	SHMI1	37.304	-107.484	-0.06	0.02	3.55	2.32	2.95	2.77	0.40	-2.33
POM	SHRO1	35.394	-82.774	-0.22	0.00	8.21	4.09	6.32	6.26	1.70	-3.46
POM	SIAN1	34.091	-110.942	-0.21	0.00	6.57	2.48	5.04	4.95	1.36	-4.34
POM	SIME1	55.326	-160.506	-0.02	0.02	1.17	0.81	1.02	0.97	0.22	-1.96
POM	SIPS1	34.343	-87.339	-0.29	0.00	14.62	9.19	11.77	11.90	2.13	-2.40
POM	SNPA1	47.422	-121.426	-0.10	0.00	4.57	2.62	3.40	3.59	0.85	-2.86
POM	STAR1	45.225	-118.513	-0.17	0.00	5.61	2.45	4.58	4.03	1.79	-4.13
POM	SULA1	45.86	-114	-0.07	0.00	3.52	2.23	2.88	2.84	0.59	-2.39
POM	SWAN1	35.451	-76.207	-0.05	0.12	6.94	6.05	6.34	6.47	1.21	-0.72
POM	SYCA1	35.141	-111.969	-0.11	0.01	6.04	3.89	5.30	5.13	0.91	-2.21
POM	TALL1	38.434	-96.56	-0.13	0.00	8.57	6.13	7.47	7.16	0.90	-1.79
POM	THBA1	44.663	-105.287	-0.05	0.03	3.96	3.02	3.47	3.37	0.51	-1.47
POM	THRO1	46.895	-103.378	-0.06	0.00	4.37	3.17	3.70	3.77	0.56	-1.67
POM	THSI1	44.291	-122.043	-0.05	0.12	3.93	3.01	3.46	3.47	0.71	-1.41
POM	TONT1	33.655	-111.107	-0.11	0.00	5.33	3.26	4.34	4.30	0.85	-2.53
POM	TRCR1	62.315	-150.316	-0.01	0.62	1.90	1.74	1.84	1.81	0.29	-0.46
POM	TRIN1	40.786	-122.805	-0.10	0.02	4.92	3.05	4.27	4.08	0.90	-2.40
POM	ULBE1	47.582	-108.72	-0.04	0.03	3.58	2.76	3.26	3.17	0.46	-1.37
POM	UPBU1	35.826	-93.203	-0.17	0.00	10.14	6.85	8.74	8.50	1.34	-2.04
POM	VIIS1	18.336	-64.796	0.00	0.93	0.86	0.92	1.04	0.89	0.29	0.31

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
POM	VILA1	40.969	-95.045	-0.10	0.02	7.71	5.83	6.74	6.62	0.69	-1.49
POM	VOYA2	48.413	-92.829	-0.11	0.00	5.45	3.42	4.47	4.43	0.82	-2.40
POM	WEMI1	37.659	-107.8	-0.07	0.00	3.38	2.00	2.71	2.69	0.54	-2.69
POM	WHIT1	33.469	-105.535	-0.06	0.03	3.98	2.84	3.33	3.35	0.57	-1.79
POM	WHPA1	46.624	-121.388	-0.03	0.02	2.08	1.45	1.78	1.76	0.39	-1.90
POM	WHPE1	36.585	-105.452	-0.07	0.02	3.07	1.68	2.30	2.34	0.53	-3.11
POM	WHRI1	39.154	-106.821	-0.06	0.00	2.31	1.20	1.85	1.76	0.41	-3.32
POM	WICA1	43.558	-103.484	-0.04	0.15	3.89	3.22	3.43	3.56	0.52	-0.99
POM	WIMO1	34.732	-98.713	-0.10	0.02	7.81	5.94	7.07	6.83	0.98	-1.44
POM	YELL2	44.565	-110.4	-0.05	0.01	3.42	2.52	2.95	2.97	0.48	-1.60
POM	YOSE1	37.713	-119.706	-0.07	0.24	6.40	5.06	5.81	5.73	1.27	-1.24
POM	ZICA1	37.198	-113.151	-0.05	0.01	3.57	2.58	3.06	3.00	0.39	-1.73
EC	ACAD1	44.377	-68.261	-0.06	0.00	1.60	0.45	1.21	1.02	0.40	-5.92
EC	AGTI1	33.464	-116.971	-0.16	0.00	3.60	0.52	2.61	2.06	1.06	-7.88
EC	BADL1	43.743	-101.941	-0.04	0.00	1.26	0.52	0.95	0.89	0.28	-4.34
EC	BALD1	34.058	-109.441	-0.03	0.00	1.07	0.47	0.80	0.75	0.24	-4.23
EC	BAND1	35.78	-106.266	-0.04	0.00	1.35	0.58	1.03	0.97	0.27	-4.18
EC	BIBE1	29.303	-103.178	-0.02	0.01	1.29	0.86	1.08	1.08	0.22	-2.06
EC	BLIS1	38.976	-120.103	-0.03	0.00	1.22	0.57	1.00	0.91	0.26	-3.79
EC	BOAP1	33.869	-106.852	-0.04	0.00	1.60	0.81	1.24	1.21	0.34	-3.45
EC	BOND1	40.052	-88.373	-0.13	0.00	4.58	2.14	3.31	3.30	0.82	-3.89
EC	BOWA1	47.947	-91.495	-0.05	0.00	1.30	0.44	0.98	0.87	0.31	-5.22
EC	BRCA1	37.618	-112.174	-0.03	0.00	0.86	0.38	0.68	0.62	0.20	-4.06
EC	BRID1	42.975	-109.758	-0.02	0.00	0.70	0.31	0.54	0.50	0.17	-4.13
EC	BRIG1	39.465	-74.449	-0.15	0.00	4.21	1.41	3.02	2.74	1.02	-5.40
EC	BRMA1	44.107	-70.729	-0.09	0.00	2.74	0.95	1.90	1.98	0.47	-4.74
EC	CABA1	43.833	-70.064	-0.10	0.00	3.26	1.38	2.45	2.27	0.64	-4.37
EC	CABI1	47.955	-115.671	-0.03	0.05	1.00	0.49	0.85	0.73	0.27	-3.69
EC	CACO1	41.976	-70.024	-0.07	0.00	1.95	0.59	1.40	1.24	0.46	-5.81
EC	CACR1	34.454	-94.143	-0.08	0.00	2.86	1.29	2.20	2.03	0.58	-4.08
EC	CANY1	38.459	-109.821	-0.03	0.00	0.84	0.36	0.66	0.60	0.19	-4.25
EC	CAPI1	38.302	-111.293	-0.03	0.01	0.89	0.39	0.69	0.61	0.21	-4.32
EC	CEBL1	38.77	-99.763	-0.05	0.01	1.84	0.83	1.30	1.25	0.32	-4.23
EC	CHAS1	28.748	-82.555	-0.14	0.00	4.05	1.46	3.17	2.76	1.11	-4.96
EC	CHIR1	32.009	-109.389	-0.03	0.00	0.96	0.45	0.77	0.70	0.20	-3.82
EC	COHU1	34.785	-84.627	-0.12	0.00	3.43	1.21	2.44	2.20	0.77	-5.31
EC	CORI1	45.664	-121.001	-0.09	0.00	3.00	1.32	2.29	2.16	0.65	-4.10

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
EC	CRLA1	42.896	-122.136	-0.04	0.00	1.17	0.48	0.83	0.81	0.26	-4.52
EC	CRMO1	43.46	-113.555	-0.02	0.00	0.82	0.38	0.65	0.59	0.18	-3.93
EC	DENA1	63.723	-148.967	-0.01	0.00	0.46	0.17	0.34	0.32	0.11	-4.72
EC	DOME1	35.728	-118.138	-0.07	0.00	2.20	0.90	1.58	1.52	0.48	-4.54
EC	DOSO1	39.105	-79.426	-0.12	0.00	3.14	0.93	2.32	2.03	0.83	-5.72
EC	EGBE1	44.231	-79.783	-0.06	0.01	3.00	1.83	2.33	2.23	0.42	-2.75
EC	EVER1	25.391	-80.681	-0.06	0.00	1.90	0.66	1.39	1.25	0.46	-5.19
EC	FLAT1	47.773	-114.269	-0.02	0.10	0.99	0.55	0.81	0.74	0.24	-3.11
EC	FOPE1	48.308	-105.102	-0.02	0.05	1.22	0.75	0.96	0.95	0.19	-2.62
EC	FRRE1	39.706	-79.012	-0.12	0.00	3.93	1.59	2.82	2.51	0.73	-4.91
EC	GAMO1	46.826	-111.711	-0.02	0.01	0.68	0.36	0.49	0.51	0.14	-3.22
EC	GICL1	33.22	-108.235	-0.03	0.00	1.04	0.41	0.79	0.73	0.25	-4.55
EC	GLAC1	48.511	-113.997	-0.09	0.00	3.38	1.62	2.46	2.50	0.62	-3.70
EC	GRBA1	39.005	-114.216	-0.04	0.00	0.87	0.16	0.66	0.52	0.26	-7.17
EC	GRCA2	36.066	-112.154	-0.03	0.00	0.91	0.30	0.66	0.60	0.22	-5.34
EC	GRGU1	44.308	-71.218	-0.05	0.00	1.64	0.65	1.20	1.12	0.33	-4.67
EC	GRR11	43.937	-91.405	-0.09	0.00	3.08	1.46	2.20	2.14	0.51	-3.98
EC	GRSA1	37.725	-105.519	-0.02	0.00	1.00	0.58	0.78	0.79	0.18	-2.77
EC	GRSM1	35.633	-83.942	-0.12	0.00	3.59	1.23	2.71	2.41	0.92	-5.15
EC	GUMO1	31.833	-104.809	-0.01	0.24	1.00	0.80	0.93	0.90	0.20	-1.16
EC	HAVO1	19.431	-155.258	-0.01	0.01	0.29	0.14	0.22	0.21	0.07	-3.79
EC	HECA1	44.97	-116.844	-0.04	0.00	1.35	0.63	1.02	0.97	0.26	-3.89
EC	HEGL1	36.614	-92.922	-0.08	0.00	3.30	1.70	2.58	2.46	0.61	-3.42
EC	HOOV1	38.088	-119.177	-0.02	0.02	0.72	0.33	0.55	0.51	0.17	-4.04
EC	IKBA1	34.34	-111.683	-0.04	0.00	1.34	0.58	1.04	0.96	0.29	-4.18
EC	ISLE1	47.46	-88.149	-0.03	0.01	1.20	0.63	0.97	0.92	0.26	-3.25
EC	JARB1	41.893	-115.426	-0.02	0.00	0.61	0.25	0.48	0.43	0.15	-4.32
EC	JARI1	37.627	-79.512	-0.16	0.00	5.69	2.74	4.19	4.14	1.14	-3.76
EC	JOSH1	34.07	-116.389	-0.09	0.00	2.23	0.49	1.50	1.36	0.54	-6.76
EC	KAIS1	37.221	-119.155	-0.03	0.03	1.28	0.67	1.00	0.94	0.27	-3.36
EC	KALM1	42.552	-124.059	-0.03	0.00	1.23	0.66	0.99	0.94	0.30	-3.20
EC	LABE1	41.712	-121.507	-0.04	0.00	1.24	0.47	0.87	0.86	0.29	-4.74
EC	LASU2	40.693	-92.006	-0.08	0.01	3.33	1.87	2.44	2.40	0.57	-3.20
EC	LAVO1	40.54	-121.577	-0.04	0.00	1.14	0.47	0.89	0.80	0.28	-4.37
EC	LIGO1	35.972	-81.933	-0.13	0.00	3.78	1.22	2.81	2.50	0.94	-5.37
EC	LOST1	48.642	-102.402	0.01	0.65	1.37	1.50	1.47	1.43	0.27	0.46
EC	MACA1	37.132	-86.148	-0.13	0.00	4.43	1.99	3.40	3.21	0.98	-4.01

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
EC	MAVI1	41.331	-70.785	-0.07	0.00	1.99	0.70	1.37	1.24	0.45	-5.48
EC	MEAD1	36.019	-114.068	-0.04	0.00	1.13	0.39	0.76	0.70	0.24	-5.57
EC	MELA1	48.487	-104.476	-0.02	0.12	1.20	0.90	1.06	1.05	0.18	-1.48
EC	MEVE1	37.198	-108.491	-0.03	0.00	0.91	0.33	0.69	0.62	0.23	-4.86
EC	MING1	36.972	-90.143	-0.12	0.00	4.71	2.43	3.44	3.33	0.93	-3.61
EC	MOHO1	45.289	-121.784	-0.03	0.00	0.84	0.30	0.61	0.57	0.25	-4.99
EC	MOMO1	41.821	-73.297	-0.08	0.00	2.50	1.04	1.92	1.69	0.55	-4.54
EC	MONT1	47.122	-113.154	-0.02	0.07	1.12	0.68	0.85	0.89	0.20	-2.62
EC	MOOS1	45.126	-67.266	-0.08	0.00	1.82	0.38	1.24	1.10	0.49	-6.86
EC	MORA1	46.758	-122.124	-0.08	0.00	1.99	0.50	1.52	1.24	0.59	-6.31
EC	MOZI1	40.538	-106.677	-0.02	0.01	0.70	0.32	0.53	0.50	0.16	-3.96
EC	NEBR1	41.889	-100.339	-0.04	0.00	1.45	0.70	1.06	1.01	0.27	-3.91
EC	NOAB1	44.745	-109.382	-0.02	0.07	0.60	0.27	0.45	0.43	0.16	-4.13
EC	NOCA1	48.732	-121.065	-0.03	0.00	0.82	0.31	0.62	0.57	0.25	-4.73
EC	NOCH1	45.65	-106.557	-0.02	0.03	0.86	0.54	0.70	0.68	0.17	-2.50
EC	OKEF1	30.74	-82.128	-0.11	0.00	3.51	1.40	2.55	2.45	0.78	-4.51
EC	OLYM1	48.007	-122.973	-0.06	0.00	1.43	0.37	0.89	0.84	0.34	-6.60
EC	ORPI1	31.951	-112.802	-0.04	0.00	1.16	0.48	0.81	0.77	0.23	-4.65
EC	PASA1	48.388	-119.927	-0.02	0.01	0.70	0.28	0.52	0.48	0.17	-4.62
EC	PEFO1	35.078	-109.769	-0.07	0.00	2.24	0.96	1.58	1.60	0.50	-4.23
EC	PENO1	44.948	-68.648	-0.09	0.00	3.19	1.48	2.09	2.07	0.44	-4.35
EC	PINN1	36.483	-121.157	-0.08	0.00	2.26	0.67	1.57	1.46	0.58	-5.74
EC	PITT1	40.465	-79.961	-0.28	0.00	9.69	4.32	6.81	6.44	1.58	-4.39
EC	PMRF1	44.528	-72.869	-0.07	0.00	2.14	0.83	1.66	1.45	0.46	-4.74
EC	PORE1	38.122	-122.909	-0.03	0.00	0.67	0.15	0.44	0.41	0.19	-6.74
EC	PRIS1	46.696	-68.033	-0.10	0.00	2.78	0.83	2.06	1.75	0.64	-5.87
EC	QUCI1	39.943	-81.338	-0.11	0.00	4.36	2.33	3.57	3.30	0.74	-3.24
EC	QURE1	42.299	-72.335	-0.12	0.00	3.27	0.96	2.39	2.30	0.61	-5.28
EC	QUVA1	33.294	-111.286	-0.05	0.00	1.69	0.74	1.42	1.29	0.35	-3.89
EC	RAFA1	34.734	-120.007	-0.07	0.00	1.48	0.22	1.08	0.85	0.42	-7.79
EC	REDW1	41.561	-124.084	-0.02	0.00	0.65	0.18	0.46	0.42	0.18	-5.99
EC	ROMA1	32.941	-79.657	-0.11	0.00	3.34	1.19	2.57	2.26	0.91	-5.01
EC	ROMO1	40.278	-105.546	-0.03	0.00	1.04	0.48	0.80	0.76	0.24	-3.85
EC	SACR1	33.46	-104.404	-0.03	0.04	1.59	1.10	1.34	1.33	0.25	-1.96
EC	SAGA1	34.297	-118.028	-0.09	0.00	2.19	0.47	1.48	1.24	0.61	-7.28
EC	SAGO1	34.194	-116.913	-0.12	0.00	2.66	0.35	1.88	1.51	0.74	-8.09
EC	SAGU1	32.175	-110.737	-0.06	0.00	1.90	0.79	1.47	1.32	0.43	-4.43

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
EC	SAMA1	30.093	-84.161	-0.11	0.00	3.14	1.07	2.22	1.99	0.75	-5.47
EC	SAPE1	36.014	-106.845	-0.02	0.00	0.75	0.35	0.57	0.54	0.16	-3.87
EC	SAWE1	32.249	-111.218	-0.07	0.00	2.18	0.84	1.62	1.44	0.43	-4.89
EC	SAWT1	44.171	-114.927	-0.05	0.00	1.39	0.41	0.94	0.87	0.32	-5.93
EC	SENE1	46.289	-85.95	-0.03	0.00	1.45	0.83	1.17	1.14	0.28	-2.89
EC	SEQU1	36.489	-118.829	-0.12	0.00	3.62	1.26	2.70	2.44	0.91	-5.10
EC	SHEN1	38.523	-78.435	-0.10	0.00	2.87	1.02	2.26	1.95	0.67	-5.00
EC	SHMI1	37.304	-107.484	-0.04	0.01	1.08	0.37	0.70	0.63	0.20	-5.84
EC	SHRO1	35.394	-82.774	-0.07	0.01	1.91	0.65	1.54	1.31	0.51	-5.07
EC	SIAN1	34.091	-110.942	-0.06	0.00	1.75	0.65	1.34	1.32	0.30	-4.37
EC	SIME1	55.326	-160.506	-0.01	0.13	0.41	0.25	0.35	0.32	0.10	-2.72
EC	SIPS1	34.343	-87.339	-0.15	0.00	4.61	1.75	3.46	3.18	1.09	-4.73
EC	SNPA1	47.422	-121.426	-0.07	0.00	1.95	0.60	1.38	1.28	0.46	-5.57
EC	STAR1	45.225	-118.513	-0.06	0.00	1.39	0.34	1.00	0.87	0.50	-6.37
EC	SULA1	45.86	-114	-0.03	0.00	0.86	0.37	0.59	0.60	0.17	-4.31
EC	SWAN1	35.451	-76.207	-0.06	0.00	2.25	1.06	1.69	1.62	0.46	-3.84
EC	SYCA1	35.141	-111.969	-0.09	0.00	2.51	0.79	1.92	1.79	0.46	-5.06
EC	TALL1	38.434	-96.56	-0.09	0.00	2.99	1.24	2.14	1.97	0.56	-4.66
EC	THBA1	44.663	-105.287	-0.04	0.00	1.67	0.82	1.19	1.14	0.31	-3.93
EC	THRO1	46.895	-103.378	-0.04	0.00	1.66	0.98	1.31	1.32	0.31	-2.70
EC	THSI1	44.291	-122.043	-0.03	0.02	1.07	0.48	0.80	0.77	0.26	-4.03
EC	TONT1	33.655	-111.107	-0.05	0.00	1.71	0.73	1.28	1.22	0.35	-4.21
EC	TRCR1	62.315	-150.316	-0.02	0.00	0.58	0.22	0.38	0.38	0.11	-4.86
EC	TRIN1	40.786	-122.805	-0.03	0.01	1.20	0.69	0.87	0.97	0.21	-2.80
EC	ULBE1	47.582	-108.72	-0.03	0.00	1.00	0.49	0.74	0.75	0.20	-3.58
EC	UPBU1	35.826	-93.203	-0.08	0.00	2.87	1.42	2.26	2.15	0.60	-3.57
EC	VIIS1	18.336	-64.796	-0.02	0.01	0.58	0.13	0.40	0.37	0.16	-6.49
EC	VILA1	40.969	-95.045	-0.10	0.00	3.47	1.57	2.44	2.37	0.58	-4.21
EC	VOYA2	48.413	-92.829	-0.03	0.00	1.32	0.70	1.05	1.01	0.26	-3.19
EC	WEMI1	37.659	-107.8	-0.05	0.00	1.31	0.26	0.91	0.78	0.34	-7.02
EC	WHIT1	33.469	-105.535	-0.02	0.02	0.95	0.53	0.76	0.72	0.20	-3.05
EC	WHPA1	46.624	-121.388	-0.02	0.04	0.55	0.25	0.43	0.40	0.15	-3.85
EC	WHPE1	36.585	-105.452	-0.03	0.00	0.83	0.32	0.57	0.56	0.17	-4.82
EC	WHRI1	39.154	-106.821	-0.03	0.00	0.78	0.28	0.58	0.53	0.19	-4.91
EC	WICA1	43.558	-103.484	-0.03	0.00	1.16	0.60	0.94	0.88	0.21	-3.33
EC	WIMO1	34.732	-98.713	-0.05	0.00	2.42	1.49	1.94	1.93	0.42	-2.54
EC	YELL2	44.565	-110.4	-0.02	0.01	0.78	0.44	0.63	0.61	0.17	-2.91

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
EC	YOSE1	37.713	-119.706	-0.04	0.00	1.60	0.79	1.29	1.20	0.38	-3.55
EC	ZICA1	37.198	-113.151	-0.04	0.00	1.22	0.46	0.86	0.78	0.25	-5.16
FD	ACAD1	44.377	-68.261	-0.01	0.00	0.21	0.08	0.15	0.15	0.05	-4.50
FD	AGTI1	33.464	-116.971	-0.02	0.02	0.83	0.52	0.66	0.67	0.16	-2.47
FD	BADL1	43.743	-101.941	-0.01	0.04	0.60	0.41	0.50	0.51	0.11	-1.99
FD	BALD1	34.058	-109.441	-0.01	0.12	0.50	0.34	0.47	0.42	0.13	-1.95
FD	BAND1	35.78	-106.266	0.00	0.48	0.53	0.45	0.49	0.49	0.10	-0.79
FD	BIBE1	29.303	-103.178	-0.02	0.04	1.01	0.61	0.80	0.81	0.23	-2.56
FD	BLIS1	38.976	-120.103	0.00	0.28	0.38	0.31	0.36	0.35	0.08	-1.09
FD	BOAP1	33.869	-106.852	0.00	0.70	0.76	0.79	0.82	0.78	0.19	0.19
FD	BOND1	40.052	-88.373	-0.02	0.00	0.65	0.31	0.43	0.47	0.13	-3.70
FD	BOWA1	47.947	-91.495	-0.01	0.00	0.28	0.11	0.19	0.19	0.06	-4.61
FD	BRCA1	37.618	-112.174	0.00	0.27	0.47	0.39	0.44	0.43	0.07	-0.87
FD	BRID1	42.975	-109.758	-0.01	0.08	0.38	0.26	0.32	0.32	0.08	-1.99
FD	BRIG1	39.465	-74.449	-0.01	0.00	0.51	0.24	0.34	0.37	0.11	-3.68
FD	BRMA1	44.107	-70.729	-0.01	0.00	0.25	0.09	0.18	0.18	0.06	-4.64
FD	CABA1	43.833	-70.064	-0.01	0.00	0.29	0.11	0.18	0.19	0.07	-4.89
FD	CABI1	47.955	-115.671	0.00	0.25	0.34	0.25	0.29	0.30	0.09	-1.63
FD	CACO1	41.976	-70.024	-0.01	0.00	0.26	0.13	0.19	0.19	0.06	-3.67
FD	CACR1	34.454	-94.143	-0.02	0.00	0.70	0.39	0.49	0.53	0.12	-3.07
FD	CANY1	38.459	-109.821	0.00	0.95	0.50	0.48	0.55	0.49	0.14	-0.19
FD	CAPI1	38.302	-111.293	0.00	0.79	0.56	0.53	0.56	0.54	0.14	-0.32
FD	CEBL1	38.77	-99.763	0.00	0.56	0.71	0.66	0.73	0.68	0.20	-0.43
FD	CHAS1	28.748	-82.555	-0.01	0.00	0.59	0.31	0.41	0.44	0.11	-3.41
FD	CHIR1	32.009	-109.389	0.00	0.44	0.74	0.65	0.72	0.69	0.19	-0.68
FD	COHU1	34.785	-84.627	-0.02	0.00	0.56	0.19	0.36	0.35	0.13	-5.48
FD	CORI1	45.664	-121.001	0.00	0.65	0.66	0.59	0.67	0.62	0.27	-0.65
FD	CRLA1	42.896	-122.136	-0.01	0.03	0.32	0.21	0.25	0.26	0.06	-2.21
FD	CRMO1	43.46	-113.555	0.00	0.12	0.44	0.37	0.39	0.40	0.06	-0.97
FD	DENA1	63.723	-148.967	0.00	0.07	0.11	0.07	0.09	0.09	0.03	-2.17
FD	DOME1	35.728	-118.138	0.01	0.22	0.80	0.99	0.88	0.90	0.18	1.13
FD	DOSO1	39.105	-79.426	-0.01	0.01	0.42	0.21	0.31	0.31	0.11	-3.48
FD	EGBE1	44.231	-79.783	-0.01	0.00	0.35	0.13	0.22	0.21	0.05	-5.57
FD	EVER1	25.391	-80.681	-0.01	0.00	0.45	0.21	0.34	0.33	0.09	-3.84
FD	FLAT1	47.773	-114.269	0.00	0.08	0.27	0.19	0.22	0.23	0.06	-1.80
FD	FOPE1	48.308	-105.102	-0.01	0.01	0.50	0.30	0.42	0.38	0.10	-2.80
FD	FRRE1	39.706	-79.012	-0.02	0.00	0.55	0.11	0.33	0.29	0.14	-8.10

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
FD	GAMO1	46.826	-111.711	0.00	0.14	0.24	0.17	0.22	0.21	0.05	-1.72
FD	GICL1	33.22	-108.235	0.00	0.33	0.55	0.46	0.50	0.50	0.10	-0.96
FD	GLAC1	48.511	-113.997	-0.01	0.00	0.42	0.25	0.32	0.33	0.08	-2.65
FD	GRBA1	39.005	-114.216	0.00	0.95	0.49	0.49	0.50	0.49	0.09	-0.05
FD	GRCA2	36.066	-112.154	0.00	0.17	0.39	0.45	0.46	0.42	0.10	0.78
FD	GRGU1	44.308	-71.218	-0.01	0.00	0.21	0.07	0.14	0.14	0.05	-5.16
FD	GRR11	43.937	-91.405	-0.02	0.00	0.48	0.19	0.32	0.31	0.09	-4.83
FD	GRSA1	37.725	-105.519	-0.01	0.44	0.70	0.56	0.65	0.63	0.17	-1.14
FD	GRSM1	35.633	-83.942	-0.01	0.00	0.50	0.23	0.35	0.37	0.12	-3.95
FD	GUMO1	31.833	-104.809	0.04	0.04	0.78	1.51	1.26	1.15	0.53	3.37
FD	HAVO1	19.431	-155.258	0.00	0.03	0.09	0.05	0.08	0.07	0.03	-2.72
FD	HECA1	44.97	-116.844	-0.01	0.00	0.40	0.22	0.32	0.31	0.10	-3.01
FD	HEGL1	36.614	-92.922	-0.02	0.00	0.68	0.29	0.45	0.48	0.13	-4.27
FD	HOOV1	38.088	-119.177	0.00	0.68	0.52	0.49	0.48	0.50	0.09	-0.38
FD	IKBA1	34.34	-111.683	-0.01	0.40	0.88	0.75	0.85	0.81	0.26	-0.87
FD	ISLE1	47.46	-88.149	-0.01	0.00	0.24	0.11	0.16	0.17	0.05	-3.87
FD	JARB1	41.893	-115.426	0.00	0.60	0.52	0.55	0.53	0.54	0.12	0.38
FD	JARI1	37.627	-79.512	-0.02	0.00	0.53	0.22	0.37	0.37	0.12	-4.34
FD	JOSH1	34.07	-116.389	0.00	0.70	0.79	0.76	0.79	0.77	0.14	-0.17
FD	KAIS1	37.221	-119.155	-0.01	0.24	0.63	0.49	0.53	0.56	0.13	-1.29
FD	KALM1	42.552	-124.059	0.00	0.02	0.14	0.09	0.11	0.11	0.03	-2.39
FD	LABE1	41.712	-121.507	0.00	0.10	0.35	0.27	0.31	0.31	0.06	-1.34
FD	LASU2	40.693	-92.006	-0.01	0.02	0.58	0.37	0.44	0.45	0.08	-2.54
FD	LAVO1	40.54	-121.577	-0.01	0.01	0.48	0.30	0.37	0.39	0.10	-2.49
FD	LIGO1	35.972	-81.933	-0.01	0.00	0.45	0.19	0.30	0.32	0.11	-4.28
FD	LOST1	48.642	-102.402	-0.01	0.01	0.50	0.32	0.44	0.41	0.11	-2.31
FD	MACA1	37.132	-86.148	-0.02	0.00	0.58	0.27	0.40	0.43	0.14	-3.87
FD	MAVI1	41.331	-70.785	-0.01	0.00	0.28	0.14	0.21	0.20	0.05	-3.72
FD	MEAD1	36.019	-114.068	-0.01	0.19	1.10	0.82	0.98	0.94	0.24	-1.55
FD	MELA1	48.487	-104.476	0.01	0.12	0.39	0.50	0.47	0.44	0.11	1.36
FD	MEVE1	37.198	-108.491	-0.01	0.01	0.71	0.48	0.59	0.59	0.17	-1.98
FD	MING1	36.972	-90.143	-0.02	0.01	0.78	0.45	0.65	0.61	0.25	-2.92
FD	MOHO1	45.289	-121.784	0.00	0.10	0.16	0.11	0.15	0.14	0.07	-2.13
FD	MOMO1	41.821	-73.297	-0.01	0.00	0.35	0.07	0.22	0.20	0.08	-7.36
FD	MONT1	47.122	-113.154	-0.01	0.02	0.31	0.14	0.23	0.22	0.10	-4.07
FD	MOOS1	45.126	-67.266	-0.01	0.00	0.23	0.09	0.16	0.16	0.05	-4.68
FD	MORA1	46.758	-122.124	0.00	0.00	0.15	0.07	0.11	0.11	0.03	-3.74

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
FD	MOZI1	40.538	-106.677	0.00	0.51	0.32	0.28	0.31	0.30	0.07	-0.83
FD	NEBR1	41.889	-100.339	-0.01	0.15	0.53	0.42	0.50	0.46	0.18	-1.26
FD	NOAB1	44.745	-109.382	-0.01	0.02	0.35	0.19	0.28	0.27	0.08	-3.06
FD	NOCA1	48.732	-121.065	0.00	0.00	0.12	0.06	0.09	0.09	0.03	-3.50
FD	NOCH1	45.65	-106.557	-0.01	0.03	0.50	0.35	0.40	0.41	0.07	-1.96
FD	OKEF1	30.74	-82.128	-0.01	0.01	0.52	0.28	0.39	0.40	0.11	-3.07
FD	OLYM1	48.007	-122.973	0.00	0.03	0.12	0.06	0.09	0.08	0.03	-3.68
FD	ORPI1	31.951	-112.802	-0.02	0.08	1.39	0.99	1.25	1.16	0.22	-1.81
FD	PASA1	48.388	-119.927	0.00	0.03	0.20	0.13	0.17	0.16	0.05	-2.27
FD	PEFO1	35.078	-109.769	0.00	0.56	0.81	0.72	0.79	0.77	0.17	-0.59
FD	PENO1	44.948	-68.648	-0.01	0.01	0.36	0.13	0.23	0.21	0.06	-5.93
FD	PINN1	36.483	-121.157	0.00	0.65	0.35	0.34	0.34	0.35	0.05	-0.24
FD	PMRF1	44.528	-72.869	-0.01	0.00	0.25	0.12	0.17	0.18	0.05	-3.78
FD	PORE1	38.122	-122.909	0.00	0.90	0.16	0.17	0.17	0.16	0.03	0.05
FD	PRIS1	46.696	-68.033	-0.02	0.00	0.46	0.17	0.32	0.31	0.10	-4.94
FD	QUCI1	39.943	-81.338	-0.02	0.00	0.59	0.27	0.41	0.42	0.12	-4.01
FD	QURE1	42.299	-72.335	-0.01	0.02	0.34	0.14	0.24	0.26	0.07	-4.11
FD	QUVA1	33.294	-111.286	-0.03	0.05	1.55	0.99	1.34	1.31	0.25	-2.26
FD	RAFA1	34.734	-120.007	0.00	0.85	0.57	0.60	0.61	0.58	0.14	0.19
FD	REDW1	41.561	-124.084	0.00	0.07	0.11	0.09	0.10	0.10	0.02	-1.28
FD	ROMA1	32.941	-79.657	-0.01	0.02	0.42	0.26	0.36	0.34	0.09	-2.38
FD	ROMO1	40.278	-105.546	-0.01	0.03	0.48	0.37	0.43	0.42	0.08	-1.37
FD	SACR1	33.46	-104.404	0.00	0.97	1.15	1.10	1.15	1.12	0.32	-0.24
FD	SAGA1	34.297	-118.028	-0.01	0.05	0.61	0.42	0.54	0.50	0.11	-1.99
FD	SAGO1	34.194	-116.913	-0.01	0.04	0.68	0.46	0.58	0.57	0.12	-2.06
FD	SAGU1	32.175	-110.737	-0.03	0.01	1.72	1.08	1.51	1.38	0.49	-2.45
FD	SAMA1	30.093	-84.161	-0.01	0.00	0.51	0.24	0.37	0.37	0.11	-3.93
FD	SAPE1	36.014	-106.845	0.00	0.34	0.49	0.41	0.49	0.45	0.14	-0.94
FD	SAWE1	32.249	-111.218	-0.06	0.01	2.77	1.59	2.27	2.12	0.55	-2.94
FD	SAWT1	44.171	-114.927	-0.01	0.02	0.34	0.21	0.28	0.28	0.07	-2.49
FD	SENE1	46.289	-85.95	-0.01	0.00	0.26	0.12	0.17	0.19	0.05	-3.79
FD	SEQU1	36.489	-118.829	0.00	0.56	0.70	0.79	0.77	0.74	0.18	0.57
FD	SHEN1	38.523	-78.435	-0.01	0.00	0.39	0.19	0.27	0.29	0.09	-3.65
FD	SHMI1	37.304	-107.484	0.01	0.40	0.64	0.91	0.81	0.81	0.20	1.76
FD	SHRO1	35.394	-82.774	-0.02	0.00	0.46	0.17	0.31	0.32	0.13	-4.88
FD	SIAN1	34.091	-110.942	-0.02	0.03	0.92	0.46	0.76	0.75	0.19	-3.26
FD	SIME1	55.326	-160.506	0.00	0.27	0.07	0.07	0.07	0.07	0.01	-0.58

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
FD	SIPS1	34.343	-87.339	-0.02	0.00	0.64	0.29	0.45	0.46	0.14	-4.00
FD	SNPA1	47.422	-121.426	0.00	0.01	0.15	0.09	0.12	0.12	0.03	-2.61
FD	STAR1	45.225	-118.513	0.00	0.06	0.30	0.24	0.27	0.27	0.06	-1.22
FD	SULA1	45.86	-114	-0.01	0.00	0.26	0.12	0.21	0.19	0.08	-3.68
FD	SWAN1	35.451	-76.207	-0.01	0.01	0.37	0.19	0.28	0.27	0.08	-3.43
FD	SYCA1	35.141	-111.969	0.00	0.96	1.60	1.60	1.84	1.60	0.61	-0.01
FD	TALL1	38.434	-96.56	-0.01	0.00	0.71	0.48	0.59	0.58	0.12	-2.08
FD	THBA1	44.663	-105.287	-0.02	0.01	0.96	0.51	0.72	0.68	0.21	-3.47
FD	THRO1	46.895	-103.378	-0.02	0.00	0.63	0.33	0.48	0.48	0.11	-3.34
FD	THSI1	44.291	-122.043	0.00	0.85	0.15	0.14	0.14	0.15	0.03	-0.36
FD	TONT1	33.655	-111.107	-0.01	0.52	1.05	0.91	0.99	0.98	0.20	-0.70
FD	TRCR1	62.315	-150.316	0.00	0.02	0.10	0.06	0.08	0.08	0.03	-2.87
FD	TRIN1	40.786	-122.805	-0.01	0.11	0.31	0.18	0.26	0.25	0.07	-2.72
FD	ULBE1	47.582	-108.72	-0.01	0.03	0.36	0.25	0.31	0.31	0.09	-2.04
FD	UPBU1	35.826	-93.203	-0.01	0.01	0.63	0.38	0.46	0.50	0.12	-2.63
FD	VIIS1	18.336	-64.796	0.01	0.62	0.49	0.71	0.69	0.59	0.39	1.94
FD	VILA1	40.969	-95.045	-0.02	0.00	0.76	0.45	0.56	0.58	0.12	-2.77
FD	VOYA2	48.413	-92.829	-0.01	0.00	0.25	0.13	0.18	0.19	0.05	-3.23
FD	WEMI1	37.659	-107.8	0.00	0.90	0.35	0.37	0.37	0.36	0.06	0.21
FD	WHIT1	33.469	-105.535	0.00	0.62	0.68	0.60	0.65	0.64	0.14	-0.68
FD	WHPA1	46.624	-121.388	0.00	0.00	0.12	0.06	0.10	0.09	0.03	-3.51
FD	WHPE1	36.585	-105.452	0.00	0.93	0.44	0.43	0.42	0.43	0.10	-0.09
FD	WHRI1	39.154	-106.821	0.00	0.27	0.33	0.38	0.38	0.35	0.08	0.80
FD	WICA1	43.558	-103.484	0.00	0.36	0.50	0.42	0.44	0.46	0.10	-0.84
FD	WIMO1	34.732	-98.713	-0.01	0.20	0.65	0.51	0.60	0.58	0.12	-1.27
FD	YELL2	44.565	-110.4	0.00	0.02	0.25	0.18	0.23	0.22	0.05	-1.75
FD	YOSE1	37.713	-119.706	0.00	0.65	0.46	0.52	0.48	0.49	0.10	0.59
FD	ZICA1	37.198	-113.151	0.01	0.41	0.59	0.77	0.77	0.69	0.22	1.33
CM	ACAD1	44.377	-68.261	0.02	0.01	1.14	1.48	1.28	1.31	0.20	1.36
CM	AGTI1	33.464	-116.971	-0.07	0.03	5.59	4.19	4.73	4.86	0.89	-1.52
CM	BADL1	43.743	-101.941	-0.05	0.01	2.38	1.51	2.04	1.95	0.38	-2.35
CM	BALD1	34.058	-109.441	-0.02	0.00	1.59	1.16	1.32	1.37	0.20	-1.65
CM	BAND1	35.78	-106.266	0.00	0.85	1.38	1.44	1.47	1.41	0.28	0.22
CM	BIBE1	29.303	-103.178	0.00	0.95	3.05	3.06	3.06	3.05	0.78	0.01
CM	BLIS1	38.976	-120.103	0.02	0.01	1.02	1.34	1.11	1.17	0.15	1.45
CM	BOAP1	33.869	-106.852	-0.02	0.40	2.70	2.24	2.73	2.47	0.63	-0.98
CM	BOND1	40.052	-88.373	0.01	0.38	3.00	3.19	3.17	3.10	0.39	0.33

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
CM	BOWA1	47.947	-91.495	-0.01	0.30	1.14	0.96	1.07	1.05	0.18	-0.88
CM	BRCA1	37.618	-112.174	0.00	1.00	1.18	1.18	1.23	1.18	0.21	0.01
CM	BRID1	42.975	-109.758	0.00	0.33	0.76	0.67	0.72	0.71	0.15	-0.62
CM	BRIG1	39.465	-74.449	0.05	0.33	3.43	4.34	4.00	3.88	1.20	1.23
CM	BRMA1	44.107	-70.729	-0.02	0.22	1.28	0.88	1.10	1.11	0.20	-1.88
CM	CABA1	43.833	-70.064	0.01	0.46	1.57	1.76	1.69	1.67	0.26	0.60
CM	CABI1	47.955	-115.671	-0.01	0.17	0.92	0.65	0.76	0.78	0.21	-1.85
CM	CACO1	41.976	-70.024	0.02	0.55	2.51	2.85	2.72	2.69	0.36	0.66
CM	CACR1	34.454	-94.143	-0.04	0.01	3.20	2.48	2.74	2.82	0.38	-1.35
CM	CANY1	38.459	-109.821	-0.01	0.36	1.69	1.48	1.59	1.58	0.23	-0.70
CM	CAPI1	38.302	-111.293	0.03	0.18	1.21	1.71	1.47	1.49	0.33	1.77
CM	CEBL1	38.77	-99.763	0.06	0.22	3.16	4.28	4.10	3.81	0.97	1.55
CM	CHAS1	28.748	-82.555	0.00	0.85	2.98	2.95	2.92	2.96	0.27	-0.06
CM	CHIR1	32.009	-109.389	0.01	0.60	2.51	2.65	2.62	2.58	0.52	0.29
CM	COHU1	34.785	-84.627	0.04	0.00	1.21	1.97	1.62	1.63	0.35	2.45
CM	CORI1	45.664	-121.001	0.11	0.05	2.81	4.82	3.99	3.87	1.36	2.73
CM	CRLA1	42.896	-122.136	-0.01	0.01	0.63	0.41	0.54	0.51	0.11	-2.28
CM	CRMO1	43.46	-113.555	-0.01	0.07	1.28	1.07	1.14	1.17	0.17	-0.93
CM	DENA1	63.723	-148.967	0.00	0.95	0.52	0.52	0.53	0.52	0.09	-0.01
CM	DOME1	35.728	-118.138	0.10	0.01	3.81	5.75	4.62	4.83	1.21	2.11
CM	DOSO1	39.105	-79.426	0.02	0.02	1.08	1.39	1.25	1.23	0.20	1.33
CM	EGBE1	44.231	-79.783	0.01	0.96	1.92	2.03	2.02	1.99	0.27	0.29
CM	EVER1	25.391	-80.681	0.03	0.28	3.09	3.71	3.51	3.42	0.59	0.96
CM	FLAT1	47.773	-114.269	-0.01	0.10	0.91	0.69	0.80	0.78	0.16	-1.47
CM	FOPE1	48.308	-105.102	0.01	0.25	1.96	2.14	2.04	2.06	0.29	0.48
CM	FRRE1	39.706	-79.012	0.02	0.47	1.74	2.05	1.96	1.93	0.35	0.85
CM	GAMO1	46.826	-111.711	-0.01	0.03	0.71	0.51	0.59	0.61	0.12	-1.72
CM	GICL1	33.22	-108.235	0.01	0.07	1.19	1.41	1.31	1.30	0.18	0.89
CM	GLAC1	48.511	-113.997	-0.01	0.30	1.34	1.12	1.23	1.23	0.21	-0.94
CM	GRBA1	39.005	-114.216	0.00	0.95	1.24	1.26	1.30	1.25	0.18	0.05
CM	GRCA2	36.066	-112.154	-0.02	0.02	1.34	0.95	1.22	1.16	0.23	-1.78
CM	GRGU1	44.308	-71.218	-0.02	0.01	1.26	0.89	1.07	1.07	0.16	-1.81
CM	GRR11	43.937	-91.405	-0.03	0.08	2.97	2.31	2.60	2.59	0.44	-1.35
CM	GRSA1	37.725	-105.519	-0.04	0.01	1.87	1.16	1.67	1.51	0.51	-2.48
CM	GRSM1	35.633	-83.942	0.01	0.27	1.70	1.93	1.84	1.82	0.27	0.66
CM	GUMO1	31.833	-104.809	0.00	0.95	3.92	3.86	4.06	3.89	1.10	-0.08
CM	HAVO1	19.431	-155.258	0.01	0.17	0.69	0.83	0.75	0.77	0.13	0.96

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
CM	HECA1	44.97	-116.844	0.00	0.97	1.08	1.07	1.11	1.08	0.14	-0.05
CM	HEGL1	36.614	-92.922	0.02	0.34	2.74	3.03	2.85	2.89	0.48	0.53
CM	HOOV1	38.088	-119.177	-0.01	0.27	1.16	0.93	1.05	1.04	0.26	-1.16
CM	IKBA1	34.34	-111.683	-0.02	0.08	2.62	2.16	2.38	2.39	0.32	-1.00
CM	ISLE1	47.46	-88.149	-0.03	0.00	1.46	0.98	1.21	1.22	0.25	-2.09
CM	JARB1	41.893	-115.426	0.00	0.52	1.29	1.22	1.24	1.26	0.21	-0.32
CM	JARI1	37.627	-79.512	-0.02	0.15	2.23	1.82	1.95	2.02	0.35	-1.08
CM	JOSH1	34.07	-116.389	-0.01	0.70	3.34	3.22	3.41	3.28	0.41	-0.19
CM	KAIS1	37.221	-119.155	0.00	0.97	1.76	1.77	1.70	1.76	0.33	0.01
CM	KALM1	42.552	-124.059	-0.01	0.01	1.29	1.08	1.16	1.18	0.14	-0.93
CM	LABE1	41.712	-121.507	-0.01	0.04	1.09	0.83	0.98	0.96	0.17	-1.42
CM	LASU2	40.693	-92.006	0.11	0.10	2.84	4.92	4.04	4.15	1.00	2.64
CM	LAVO1	40.54	-121.577	0.02	0.03	0.72	1.09	0.97	0.91	0.25	2.14
CM	LIGO1	35.972	-81.933	0.00	0.97	1.65	1.64	1.58	1.65	0.23	-0.02
CM	LOST1	48.642	-102.402	0.02	0.17	2.49	2.93	2.82	2.71	0.48	0.86
CM	MACA1	37.132	-86.148	0.01	0.52	2.05	2.25	2.09	2.15	0.47	0.49
CM	MAVI1	41.331	-70.785	0.13	0.00	1.79	4.32	3.81	3.26	1.33	4.09
CM	MEAD1	36.019	-114.068	-0.03	0.16	3.06	2.43	2.71	2.69	0.40	-1.24
CM	MELA1	48.487	-104.476	0.01	0.44	2.38	2.66	2.47	2.52	0.43	0.59
CM	MEVE1	37.198	-108.491	-0.01	0.56	1.29	1.19	1.32	1.24	0.36	-0.46
CM	MING1	36.972	-90.143	0.02	0.65	3.72	4.18	3.90	3.96	0.79	0.61
CM	MOHO1	45.289	-121.784	0.00	0.90	0.42	0.41	0.41	0.42	0.10	-0.09
CM	MOMO1	41.821	-73.297	0.00	0.93	1.45	1.41	1.47	1.43	0.26	-0.14
CM	MONT1	47.122	-113.154	-0.01	0.34	0.63	0.49	0.58	0.56	0.16	-1.27
CM	MOOS1	45.126	-67.266	-0.02	0.01	1.30	1.00	1.15	1.15	0.18	-1.41
CM	MORA1	46.758	-122.124	0.00	0.75	1.07	1.02	1.01	1.04	0.18	-0.27
CM	MOZI1	40.538	-106.677	-0.02	0.07	1.03	0.71	0.95	0.87	0.25	-1.94
CM	NEBR1	41.889	-100.339	-0.02	0.32	2.43	2.02	2.20	2.18	0.43	-1.00
CM	NOAB1	44.745	-109.382	-0.03	0.00	1.32	0.73	1.05	1.04	0.25	-2.97
CM	NOCA1	48.732	-121.065	0.00	0.95	0.54	0.54	0.53	0.54	0.13	0.03
CM	NOCH1	45.65	-106.557	-0.02	0.16	1.49	1.05	1.20	1.23	0.21	-1.88
CM	OKEF1	30.74	-82.128	0.02	0.30	2.25	2.67	2.54	2.46	0.48	0.90
CM	OLYM1	48.007	-122.973	-0.01	0.57	0.83	0.68	0.76	0.75	0.13	-1.04
CM	ORPI1	31.951	-112.802	0.03	0.32	3.55	4.10	4.03	3.87	0.54	0.75
CM	PASA1	48.388	-119.927	0.01	0.01	0.43	0.60	0.53	0.52	0.13	1.70
CM	PEFO1	35.078	-109.769	0.01	0.52	2.00	2.10	2.06	2.05	0.45	0.25
CM	PENO1	44.948	-68.648	0.03	0.30	1.77	2.38	2.22	2.17	0.46	1.49

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
CM	PINN1	36.483	-121.157	0.03	0.08	2.79	3.35	3.04	3.07	0.51	0.96
CM	PMRF1	44.528	-72.869	-0.01	0.42	1.32	1.18	1.17	1.24	0.19	-0.62
CM	PORE1	38.122	-122.909	-0.02	0.30	4.13	3.82	3.92	3.98	0.47	-0.41
CM	PRIS1	46.696	-68.033	0.00	0.92	2.65	2.63	2.65	2.64	0.34	-0.04
CM	QUCI1	39.943	-81.338	0.02	0.20	2.56	2.99	2.71	2.79	0.48	0.81
CM	QURE1	42.299	-72.335	-0.02	0.30	1.46	1.17	1.35	1.34	0.20	-1.14
CM	QUVA1	33.294	-111.286	-0.07	0.07	5.69	4.27	5.15	5.09	0.82	-1.47
CM	RAFA1	34.734	-120.007	0.03	0.40	3.57	4.10	3.94	3.84	0.66	0.73
CM	REDW1	41.561	-124.084	0.01	0.52	1.82	2.09	1.98	1.95	0.36	0.74
CM	ROMA1	32.941	-79.657	0.02	0.30	2.90	3.37	3.10	3.13	0.47	0.78
CM	ROMO1	40.278	-105.546	-0.03	0.01	1.46	0.98	1.30	1.22	0.33	-2.05
CM	SACR1	33.46	-104.404	0.10	0.10	4.52	6.51	5.60	5.57	1.46	1.88
CM	SAGA1	34.297	-118.028	-0.02	0.47	2.74	2.41	2.59	2.56	0.43	-0.68
CM	SAGO1	34.194	-116.913	-0.02	0.36	3.04	2.70	2.87	2.87	0.49	-0.63
CM	SAGU1	32.175	-110.737	0.03	0.13	3.69	4.24	3.88	3.98	0.53	0.72
CM	SAMA1	30.093	-84.161	0.02	0.42	2.26	2.57	2.36	2.42	0.40	0.67
CM	SAPE1	36.014	-106.845	0.00	0.92	0.99	0.94	0.96	0.96	0.16	-0.23
CM	SAWE1	32.249	-111.218	-0.02	0.62	6.12	5.80	5.87	5.94	0.74	-0.28
CM	SAWT1	44.171	-114.927	-0.01	0.13	0.61	0.45	0.56	0.52	0.15	-1.56
CM	SENE1	46.289	-85.95	0.00	0.60	0.92	0.84	0.88	0.88	0.16	-0.47
CM	SEQU1	36.489	-118.829	0.02	0.60	3.81	4.28	4.50	4.04	1.03	0.61
CM	SHEN1	38.523	-78.435	0.01	0.70	1.54	1.70	1.62	1.62	0.26	0.50
CM	SHMI1	37.304	-107.484	0.01	0.80	1.82	1.93	1.95	1.89	0.25	0.29
CM	SHRO1	35.394	-82.774	0.04	0.00	0.64	1.41	1.08	1.04	0.38	3.90
CM	SIAN1	34.091	-110.942	-0.04	0.01	2.44	1.60	2.20	2.13	0.38	-2.08
CM	SIME1	55.326	-160.506	-0.01	0.24	2.11	1.87	1.97	1.98	0.22	-0.63
CM	SIPS1	34.343	-87.339	-0.03	0.00	2.66	2.00	2.39	2.33	0.31	-1.50
CM	SNPA1	47.422	-121.426	0.00	0.70	0.51	0.46	0.50	0.49	0.12	-0.61
CM	STAR1	45.225	-118.513	0.00	0.85	0.92	0.84	0.91	0.88	0.20	-0.45
CM	SULA1	45.86	-114	-0.01	0.36	0.68	0.54	0.66	0.61	0.20	-1.20
CM	SWAN1	35.451	-76.207	-0.01	0.51	3.23	2.96	3.02	3.08	0.42	-0.47
CM	SYCA1	35.141	-111.969	-0.02	0.59	2.82	2.35	2.66	2.62	0.44	-0.93
CM	TALL1	38.434	-96.56	0.04	0.32	3.23	3.95	3.75	3.65	0.68	1.04
CM	THBA1	44.663	-105.287	-0.04	0.06	3.01	2.29	2.59	2.57	0.48	-1.48
CM	THRO1	46.895	-103.378	-0.02	0.36	2.74	2.34	2.60	2.54	0.36	-0.83
CM	THSI1	44.291	-122.043	0.00	0.33	0.66	0.72	0.69	0.69	0.15	0.51
CM	TONT1	33.655	-111.107	-0.01	0.60	3.34	3.16	3.17	3.25	0.43	-0.30

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
CM	TRCR1	62.315	-150.316	0.01	0.12	0.78	0.91	0.86	0.85	0.11	0.79
CM	TRIN1	40.786	-122.805	0.00	0.79	0.90	0.99	0.91	0.94	0.19	0.47
CM	ULBE1	47.582	-108.72	-0.01	0.15	1.43	1.19	1.36	1.31	0.22	-0.96
CM	UPBU1	35.826	-93.203	-0.10	0.02	3.71	1.90	2.98	2.81	0.93	-3.39
CM	VIIS1	18.336	-64.796	0.04	0.25	5.51	6.33	6.39	5.90	0.94	0.73
CM	VILA1	40.969	-95.045	-0.01	0.80	5.12	4.91	5.04	5.00	0.92	-0.23
CM	VOYA2	48.413	-92.829	0.00	0.48	1.01	0.98	1.05	1.00	0.19	-0.15
CM	WEMI1	37.659	-107.8	-0.01	0.02	1.24	1.01	1.13	1.12	0.13	-1.06
CM	WHIT1	33.469	-105.535	0.00	0.91	2.01	1.97	2.17	1.98	0.54	-0.10
CM	WHPA1	46.624	-121.388	0.00	0.95	0.38	0.39	0.43	0.39	0.15	0.06
CM	WHPE1	36.585	-105.452	-0.01	0.62	0.91	0.77	0.92	0.84	0.22	-0.89
CM	WHRI1	39.154	-106.821	-0.02	0.00	0.97	0.55	0.79	0.76	0.19	-2.90
CM	WICA1	43.558	-103.484	-0.02	0.13	1.68	1.39	1.57	1.54	0.31	-0.99
CM	WIMO1	34.732	-98.713	0.02	0.38	3.80	4.17	4.09	3.99	0.61	0.49
CM	YELL2	44.565	-110.4	0.00	0.90	0.67	0.65	0.67	0.66	0.11	-0.17
CM	YOSE1	37.713	-119.706	0.02	0.19	1.89	2.24	2.02	2.07	0.37	0.88
CM	ZICA1	37.198	-113.151	-0.01	0.51	2.77	2.49	2.58	2.61	0.48	-0.56
Fine bext	ACAD1	44.377	-68.261	-0.71	0.00	26.80	13.34	20.28	19.71	4.53	-3.59
Fine bext	AGTI1	33.464	-116.971	-1.52	0.00	42.49	13.65	31.91	28.07	9.56	-5.41
Fine bext	BADL1	43.743	-101.941	-0.33	0.00	19.38	13.07	16.44	16.06	2.74	-2.07
Fine bext	BALD1	34.058	-109.441	-0.27	0.00	11.98	6.83	9.36	9.27	1.80	-2.93
Fine bext	BAND1	35.78	-106.266	-0.32	0.00	14.45	8.33	11.08	11.23	1.99	-2.87
Fine bext	BIBE1	29.303	-103.178	-0.31	0.00	20.96	15.10	17.29	17.88	2.38	-1.73
Fine bext	BLIS1	38.976	-120.103	-0.21	0.00	12.65	8.60	10.81	10.62	1.53	-2.01
Fine bext	BOAP1	33.869	-106.852	-0.29	0.00	15.70	10.16	12.56	12.78	2.02	-2.28
Fine bext	BOND1	40.052	-88.373	-2.62	0.00	87.89	38.20	59.60	61.74	16.81	-4.24
Fine bext	BOWA1	47.947	-91.495	-0.54	0.00	21.21	10.89	16.74	15.77	3.87	-3.44
Fine bext	BRCA1	37.618	-112.174	-0.23	0.00	10.59	6.26	8.86	8.31	1.51	-2.75
Fine bext	BRID1	42.975	-109.758	-0.19	0.00	9.64	6.01	8.06	7.73	1.23	-2.47
Fine bext	BRIG1	39.465	-74.449	-2.25	0.00	66.91	24.25	45.06	43.33	13.53	-5.18
Fine bext	BRMA1	44.107	-70.729	-0.87	0.00	30.17	13.58	22.91	23.18	4.56	-3.77
Fine bext	CABA1	43.833	-70.064	-0.87	0.00	32.55	16.08	25.88	23.88	5.97	-3.63
Fine bext	CABI1	47.955	-115.671	-0.32	0.00	14.33	8.32	11.33	11.17	2.13	-2.83
Fine bext	CACO1	41.976	-70.024	-0.99	0.00	36.29	17.54	28.59	26.42	5.96	-3.74
Fine bext	CACR1	34.454	-94.143	-2.10	0.00	65.87	26.00	44.79	44.88	12.47	-4.68
Fine bext	CANY1	38.459	-109.821	-0.25	0.00	11.21	6.56	8.74	8.76	1.60	-2.80
Fine bext	CAPI1	38.302	-111.293	-0.23	0.00	11.33	7.00	9.10	8.93	1.37	-2.55

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Fine bext	CEBL1	38.77	-99.763	-0.86	0.00	33.92	17.66	26.02	24.51	5.32	-3.49
Fine bext	CHAS1	28.748	-82.555	-1.71	0.00	62.31	29.88	46.17	43.54	10.53	-3.92
Fine bext	CHIR1	32.009	-109.389	-0.21	0.00	12.35	8.27	10.10	10.21	1.40	-2.11
Fine bext	COHU1	34.785	-84.627	-2.94	0.00	75.32	19.54	47.36	44.49	16.57	-6.60
Fine bext	CORI1	45.664	-121.001	-0.64	0.00	31.32	19.09	25.13	24.89	4.28	-2.59
Fine bext	CRLA1	42.896	-122.136	-0.14	0.00	10.40	7.74	8.95	8.93	1.13	-1.57
Fine bext	CRMO1	43.46	-113.555	-0.27	0.00	12.70	7.56	10.39	9.99	1.89	-2.71
Fine bext	DENA1	63.723	-148.967	-0.07	0.12	6.31	5.02	5.55	5.63	0.91	-1.20
Fine bext	DOME1	35.728	-118.138	-0.52	0.00	25.46	15.58	20.66	20.00	3.70	-2.60
Fine bext	DOSO1	39.105	-79.426	-2.15	0.00	61.90	21.09	40.59	40.42	13.01	-5.31
Fine bext	EGBE1	44.231	-79.783	-0.73	0.17	39.71	25.90	31.54	30.63	7.52	-2.37
Fine bext	EVER1	25.391	-80.681	-0.66	0.00	35.80	23.18	30.52	29.16	5.27	-2.28
Fine bext	FLAT1	47.773	-114.269	-0.27	0.01	13.61	8.52	11.14	10.66	2.01	-2.51
Fine bext	FOPE1	48.308	-105.102	-0.30	0.01	20.52	14.91	16.98	17.27	2.18	-1.71
Fine bext	FRRE1	39.706	-79.012	-2.89	0.00	74.51	19.54	45.31	41.24	14.80	-7.02
Fine bext	GAMO1	46.826	-111.711	-0.15	0.00	8.77	5.98	7.40	7.38	1.18	-2.00
Fine bext	GICL1	33.22	-108.235	-0.21	0.00	11.14	7.08	9.33	9.00	1.44	-2.38
Fine bext	GLAC1	48.511	-113.997	-0.52	0.00	23.44	13.54	18.93	18.23	3.38	-2.86
Fine bext	GRBA1	39.005	-114.216	-0.20	0.00	9.08	5.32	7.64	7.10	1.25	-2.79
Fine bext	GRCA2	36.066	-112.154	-0.24	0.00	11.43	6.81	8.93	9.24	1.57	-2.63
Fine bext	GRGU1	44.308	-71.218	-0.79	0.00	26.07	11.04	18.39	18.16	4.87	-4.36
Fine bext	GRR11	43.937	-91.405	-1.59	0.00	51.64	21.50	34.89	34.19	9.03	-4.64
Fine bext	GRSA1	37.725	-105.519	-0.26	0.00	13.42	8.46	10.54	10.81	1.66	-2.42
Fine bext	GRSM1	35.633	-83.942	-2.92	0.00	71.63	16.22	48.02	42.47	18.11	-6.87
Fine bext	GUMO1	31.833	-104.809	-0.15	0.04	17.28	14.43	15.42	15.78	1.73	-0.95
Fine bext	HAVO1	19.431	-155.258	0.02	0.81	14.43	14.86	14.31	14.66	1.91	0.15
Fine bext	HECA1	44.97	-116.844	-0.38	0.00	16.07	8.89	12.50	12.29	2.31	-3.08
Fine bext	HEGL1	36.614	-92.922	-2.07	0.00	62.64	23.36	44.10	41.97	12.00	-4.93
Fine bext	HOOV1	38.088	-119.177	-0.14	0.01	9.38	6.77	8.18	7.94	1.13	-1.73
Fine bext	IKBA1	34.34	-111.683	-0.31	0.00	14.86	8.88	11.97	11.72	2.07	-2.69
Fine bext	ISLE1	47.46	-88.149	-0.57	0.00	21.03	10.29	16.73	15.38	3.70	-3.68
Fine bext	JARB1	41.893	-115.426	-0.15	0.00	9.47	6.59	7.81	7.96	1.02	-1.90
Fine bext	JARI1	37.627	-79.512	-2.76	0.00	74.44	21.94	49.27	46.81	15.82	-5.90
Fine bext	JOSH1	34.07	-116.389	-0.80	0.00	24.87	9.64	18.54	16.85	4.91	-4.76
Fine bext	KAIS1	37.221	-119.155	-0.27	0.03	15.86	10.69	13.13	13.00	2.23	-2.09
Fine bext	KALM1	42.552	-124.059	-0.32	0.00	18.77	12.75	15.57	15.60	2.19	-2.03
Fine bext	LABE1	41.712	-121.507	-0.28	0.00	13.32	7.95	10.68	10.49	1.80	-2.70

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Fine bext	LASU2	40.693	-92.006	-2.26	0.00	65.53	22.54	42.46	38.38	12.11	-5.90
Fine bext	LAVO1	40.54	-121.577	-0.25	0.00	12.99	8.19	10.29	10.47	1.68	-2.42
Fine bext	LIGO1	35.972	-81.933	-2.39	0.00	64.96	19.55	41.94	39.87	15.13	-5.99
Fine bext	LOST1	48.642	-102.402	-0.32	0.00	25.36	19.21	22.46	22.12	2.64	-1.46
Fine bext	MACA1	37.132	-86.148	-3.34	0.00	97.58	34.06	61.73	64.15	20.25	-5.21
Fine bext	MAVI1	41.331	-70.785	-1.12	0.00	40.93	19.66	30.28	28.62	5.93	-3.91
Fine bext	MEAD1	36.019	-114.068	-0.28	0.00	12.69	7.28	9.55	9.56	1.72	-2.98
Fine bext	MELA1	48.487	-104.476	-0.18	0.03	20.67	17.32	18.43	18.91	1.91	-0.93
Fine bext	MEVE1	37.198	-108.491	-0.35	0.00	13.06	6.50	9.56	9.61	2.18	-3.59
Fine bext	MING1	36.972	-90.143	-2.35	0.00	72.68	27.95	49.30	45.61	14.90	-5.16
Fine bext	MOHO1	45.289	-121.784	-0.24	0.00	12.97	8.35	10.66	10.54	1.66	-2.31
Fine bext	MOMO1	41.821	-73.297	-1.30	0.00	38.93	14.24	27.23	24.64	8.11	-5.27
Fine bext	MONT1	47.122	-113.154	-0.17	0.04	12.61	9.35	10.97	10.98	1.51	-1.56
Fine bext	MOOS1	45.126	-67.266	-0.79	0.00	26.58	11.53	20.00	18.66	4.83	-4.25
Fine bext	MORA1	46.758	-122.124	-0.55	0.00	21.47	10.95	16.68	15.93	3.84	-3.48
Fine bext	MOZI1	40.538	-106.677	-0.20	0.00	9.90	6.14	8.16	7.92	1.45	-2.50
Fine bext	NEBR1	41.889	-100.339	-0.50	0.00	25.29	15.87	19.62	19.59	3.50	-2.53
Fine bext	NOAB1	44.745	-109.382	-0.16	0.01	8.43	5.40	7.31	6.99	1.43	-2.28
Fine bext	NOCA1	48.732	-121.065	-0.30	0.00	13.70	7.92	10.89	10.66	2.19	-2.85
Fine bext	NOCH1	45.65	-106.557	-0.22	0.01	13.34	9.11	10.93	10.89	1.46	-2.04
Fine bext	OKEF1	30.74	-82.128	-1.99	0.00	68.50	30.67	46.61	48.59	11.49	-4.10
Fine bext	OLYM1	48.007	-122.973	-0.67	0.00	22.54	9.86	16.78	15.53	3.77	-4.30
Fine bext	ORPI1	31.951	-112.802	-0.33	0.00	15.19	9.00	12.22	11.61	1.91	-2.81
Fine bext	PASA1	48.388	-119.927	-0.15	0.00	11.08	8.15	9.54	9.54	1.55	-1.62
Fine bext	PEFO1	35.078	-109.769	-0.37	0.00	14.64	7.64	11.15	10.95	2.32	-3.36
Fine bext	PENO1	44.948	-68.648	-0.78	0.00	31.23	16.37	22.21	21.45	4.42	-3.65
Fine bext	PINN1	36.483	-121.157	-0.56	0.00	26.16	15.58	21.99	20.59	3.41	-2.70
Fine bext	PMRF1	44.528	-72.869	-0.96	0.00	31.54	13.24	22.62	21.91	5.64	-4.40
Fine bext	PORE1	38.122	-122.909	-0.55	0.01	34.58	24.11	29.96	28.79	4.39	-1.91
Fine bext	PRIS1	46.696	-68.033	-0.84	0.00	29.60	13.59	21.82	21.17	5.10	-3.98
Fine bext	QUCI1	39.943	-81.338	-2.74	0.00	79.85	27.72	53.76	51.04	17.14	-5.38
Fine bext	QURE1	42.299	-72.335	-1.36	0.00	40.72	14.87	29.77	29.83	6.78	-4.56
Fine bext	QUVA1	33.294	-111.286	-0.44	0.00	19.09	10.72	14.86	15.57	2.30	-2.83
Fine bext	RAFA1	34.734	-120.007	-0.74	0.00	27.57	13.58	22.78	20.21	5.09	-3.64
Fine bext	REDW1	41.561	-124.084	-0.32	0.00	23.92	17.76	20.23	20.68	2.92	-1.57
Fine bext	ROMA1	32.941	-79.657	-2.29	0.00	70.83	27.41	48.59	47.98	13.90	-4.76
Fine bext	ROMO1	40.278	-105.546	-0.35	0.00	13.43	6.83	10.40	9.96	2.19	-3.49

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Fine bext	SACR1	33.46	-104.404	-0.39	0.00	23.18	15.84	19.40	19.32	2.75	-2.00
Fine bext	SAGA1	34.297	-118.028	-0.77	0.00	26.81	12.27	20.01	18.77	5.38	-4.07
Fine bext	SAGO1	34.194	-116.913	-1.22	0.00	31.84	8.69	23.38	19.66	7.05	-6.20
Fine bext	SAGU1	32.175	-110.737	-0.44	0.00	17.67	9.37	13.91	13.30	2.64	-3.28
Fine bext	SAMA1	30.093	-84.161	-2.16	0.00	68.52	27.45	46.76	45.82	13.10	-4.72
Fine bext	SAPE1	36.014	-106.845	-0.26	0.00	11.48	6.54	8.67	8.88	1.73	-2.93
Fine bext	SAWE1	32.249	-111.218	-0.42	0.00	20.00	12.09	15.86	15.63	2.63	-2.66
Fine bext	SAWT1	44.171	-114.927	-0.28	0.00	12.68	7.26	9.64	9.83	1.88	-2.90
Fine bext	SENE1	46.289	-85.95	-0.68	0.00	25.77	12.80	19.82	18.95	4.84	-3.60
Fine bext	SEQU1	36.489	-118.829	-0.96	0.00	41.11	22.78	34.27	31.46	7.10	-3.07
Fine bext	SHEN1	38.523	-78.435	-2.24	0.00	59.64	17.08	41.02	37.24	13.25	-6.02
Fine bext	SHMI1	37.304	-107.484	-0.27	0.00	12.89	7.77	9.47	9.66	1.38	-2.79
Fine bext	SHRO1	35.394	-82.774	-1.97	0.00	49.24	11.75	32.53	27.54	12.00	-7.16
Fine bext	SIME1	55.326	-160.506	-0.07	0.57	21.69	20.38	20.77	20.96	2.33	-0.33
Fine bext	SIPS1	34.343	-87.339	-2.79	0.00	79.37	26.33	53.34	51.45	17.32	-5.42
Fine bext	SNPA1	47.422	-121.426	-0.63	0.00	20.24	8.19	15.34	13.90	3.75	-4.57
Fine bext	STAR1	45.225	-118.513	-0.39	0.00	16.14	8.68	13.34	12.21	3.13	-3.22
Fine bext	SULA1	45.86	-114	-0.28	0.00	10.81	5.52	8.02	8.03	1.53	-3.47
Fine bext	SWAN1	35.451	-76.207	-1.69	0.00	53.02	20.82	38.03	34.38	10.21	-4.93
Fine bext	SYCA1	35.141	-111.969	-0.39	0.00	19.58	12.19	16.16	16.46	1.96	-2.36
Fine bext	TALL1	38.434	-96.56	-1.58	0.00	52.57	22.49	37.19	35.16	9.03	-4.50
Fine bext	THBA1	44.663	-105.287	-0.26	0.00	16.82	11.93	13.48	13.73	1.93	-1.87
Fine bext	THRO1	46.895	-103.378	-0.40	0.00	22.47	14.92	18.12	18.49	2.67	-2.15
Fine bext	THSI1	44.291	-122.043	-0.22	0.00	13.96	9.70	12.02	11.72	1.67	-1.91
Fine bext	TONT1	33.655	-111.107	-0.36	0.00	16.88	10.11	13.41	13.32	2.15	-2.67
Fine bext	TRCR1	62.315	-150.316	-0.11	0.03	8.08	6.03	6.94	6.95	1.04	-1.55
Fine bext	TRIN1	40.786	-122.805	-0.25	0.00	13.10	8.29	11.50	10.95	1.71	-2.31
Fine bext	ULBE1	47.582	-108.72	-0.17	0.01	12.94	9.64	11.48	11.20	1.44	-1.55
Fine bext	UPBU1	35.826	-93.203	-1.92	0.00	64.27	27.80	43.30	45.07	10.99	-4.26
Fine bext	VIIS1	18.336	-64.796	0.37	0.06	18.29	25.30	20.66	21.61	3.68	1.71
Fine bext	VILA1	40.969	-95.045	-1.82	0.00	59.81	25.24	40.54	39.79	10.24	-4.57
Fine bext	VOYA2	48.413	-92.829	-0.58	0.00	21.68	10.70	16.54	15.90	3.57	-3.63
Fine bext	WEMI1	37.659	-107.8	-0.25	0.00	10.71	5.97	8.34	8.21	1.52	-3.03
Fine bext	WHIT1	33.469	-105.535	-0.22	0.00	13.81	9.57	11.40	11.47	1.71	-1.94
Fine bext	WHPA1	46.624	-121.388	-0.18	0.00	9.50	6.07	8.33	7.69	1.56	-2.34
Fine bext	WHPE1	36.585	-105.452	-0.27	0.00	11.22	6.11	8.53	8.53	1.50	-3.15
Fine bext	WHRI1	39.154	-106.821	-0.14	0.00	8.82	6.11	7.10	7.39	1.05	-1.93

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Fine bext	WICA1	43.558	-103.484	-0.29	0.00	16.19	10.60	13.63	13.39	2.10	-2.20
Fine bext	WIMO1	34.732	-98.713	-1.06	0.00	43.01	22.80	33.54	32.37	7.11	-3.29
Fine bext	YELL2	44.565	-110.4	-0.23	0.00	10.83	6.45	8.75	8.52	1.54	-2.70
Fine bext	YOSE1	37.713	-119.706	-0.33	0.00	17.96	11.62	15.01	14.63	2.62	-2.28
Fine bext	ZICA1	37.198	-113.151	-0.23	0.00	11.52	7.19	9.58	9.02	1.47	-2.53
Aerosol bext	ACAD1	44.377	-68.261	-0.68	0.00	28.31	15.38	21.84	21.50	4.38	-3.16
Aerosol bext	AGTI1	33.464	-116.971	-1.69	0.00	49.40	17.38	37.27	33.39	10.62	-5.05
Aerosol bext	BADL1	43.743	-101.941	-0.41	0.00	23.10	15.31	19.29	19.00	3.02	-2.16
Aerosol bext	BALD1	34.058	-109.441	-0.30	0.00	14.09	8.46	11.12	11.13	2.03	-2.67
Aerosol bext	BAND1	35.78	-106.266	-0.31	0.00	16.32	10.43	12.94	13.22	2.03	-2.34
Aerosol bext	BIBE1	29.303	-103.178	-0.32	0.00	24.81	18.66	21.19	21.58	2.93	-1.50
Aerosol bext	BLIS1	38.976	-120.103	-0.17	0.00	13.92	10.75	12.03	12.34	1.42	-1.35
Aerosol bext	BOAP1	33.869	-106.852	-0.32	0.00	19.56	13.54	15.83	16.39	2.51	-1.93
Aerosol bext	BOND1	40.052	-88.373	-2.64	0.00	92.94	42.71	64.17	66.51	16.84	-3.98
Aerosol bext	BOWA1	47.947	-91.495	-0.58	0.00	22.93	11.81	18.16	17.08	3.85	-3.42
Aerosol bext	BRCA1	37.618	-112.174	-0.26	0.00	13.01	8.07	10.49	10.41	1.64	-2.49
Aerosol bext	BRID1	42.975	-109.758	-0.18	0.00	10.48	7.04	8.99	8.67	1.21	-2.09
Aerosol bext	BRIG1	39.465	-74.449	-2.11	0.00	72.11	31.95	50.18	49.91	13.22	-4.23
Aerosol bext	BRMA1	44.107	-70.729	-0.89	0.00	30.75	13.87	24.07	23.64	4.55	-3.76
Aerosol bext	CABA1	43.833	-70.064	-0.88	0.00	35.38	18.67	27.84	26.59	5.94	-3.31
Aerosol bext	CABI1	47.955	-115.671	-0.35	0.00	15.87	9.25	12.54	12.39	2.18	-2.81
Aerosol bext	CACO1	41.976	-70.024	-1.00	0.00	39.53	20.52	31.44	29.53	5.92	-3.39
Aerosol bext	CACR1	34.454	-94.143	-2.15	0.00	70.52	29.69	48.01	49.03	12.68	-4.38
Aerosol bext	CANY1	38.459	-109.821	-0.24	0.00	13.55	9.02	10.77	11.16	1.64	-2.14
Aerosol bext	CAPI1	38.302	-111.293	-0.18	0.00	12.64	9.28	10.87	10.78	1.25	-1.64
Aerosol bext	CEBL1	38.77	-99.763	-0.69	0.00	37.73	24.66	31.10	30.17	5.12	-2.28
Aerosol bext	CHAS1	28.748	-82.555	-1.70	0.00	65.89	33.56	49.42	47.17	10.82	-3.61
Aerosol bext	CHIR1	32.009	-109.389	-0.17	0.02	14.69	11.52	13.27	13.02	1.64	-1.28
Aerosol bext	COHU1	34.785	-84.627	-2.85	0.00	75.69	21.60	49.39	45.80	16.52	-6.22
Aerosol bext	CORI1	45.664	-121.001	-0.31	0.02	35.34	29.45	32.40	32.24	3.85	-0.96
Aerosol bext	CRLA1	42.896	-122.136	-0.18	0.00	11.33	7.97	9.63	9.47	1.30	-1.87
Aerosol bext	CRMO1	43.46	-113.555	-0.29	0.00	14.21	8.74	12.18	11.33	2.08	-2.54
Aerosol bext	DENA1	63.723	-148.967	-0.06	0.20	6.84	5.74	6.30	6.26	0.89	-0.93
Aerosol bext	DOME1	35.728	-118.138	-0.47	0.01	30.99	22.08	26.29	26.06	3.74	-1.80
Aerosol bext	DOSO1	39.105	-79.426	-2.16	0.00	63.98	22.97	42.20	42.40	13.00	-5.09
Aerosol bext	EGBE1	44.231	-79.783	-0.88	0.17	44.16	27.38	34.34	33.12	7.27	-2.67
Aerosol bext	EVER1	25.391	-80.681	-0.70	0.00	40.13	26.91	34.69	33.17	5.28	-2.10

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Aerosol bext	FLAT1	47.773	-114.269	-0.28	0.01	14.91	9.51	12.51	11.78	2.20	-2.41
Aerosol bext	FOPE1	48.308	-105.102	-0.34	0.00	24.44	17.96	20.23	20.69	2.33	-1.65
Aerosol bext	FRRE1	39.706	-79.012	-2.83	0.00	76.88	23.16	47.82	44.36	14.88	-6.37
Aerosol bext	GAMO1	46.826	-111.711	-0.17	0.00	9.99	6.77	8.25	8.38	1.25	-2.02
Aerosol bext	GICL1	33.22	-108.235	-0.17	0.00	12.30	9.02	11.03	10.57	1.40	-1.63
Aerosol bext	GLAC1	48.511	-113.997	-0.54	0.00	26.82	16.58	21.34	21.43	3.63	-2.51
Aerosol bext	GRBA1	39.005	-114.216	-0.19	0.00	10.67	7.00	9.23	8.74	1.35	-2.21
Aerosol bext	GRCA2	36.066	-112.154	-0.27	0.00	13.07	7.95	10.39	10.65	1.77	-2.53
Aerosol bext	GRGU1	44.308	-71.218	-0.79	0.00	27.38	12.38	19.64	19.48	5.08	-4.05
Aerosol bext	GRR11	43.937	-91.405	-1.66	0.00	56.00	24.52	38.64	37.77	9.23	-4.39
Aerosol bext	GRSA1	37.725	-105.519	-0.30	0.00	15.88	10.27	12.51	12.92	1.91	-2.28
Aerosol bext	GRSM1	35.633	-83.942	-3.01	0.00	74.66	17.49	50.29	44.57	18.35	-6.75
Aerosol bext	GUMO1	31.833	-104.809	-0.28	0.07	23.71	18.41	20.42	20.92	2.87	-1.33
Aerosol bext	HAVO1	19.431	-155.258	0.04	0.65	15.40	16.15	15.45	15.79	2.04	0.25
Aerosol bext	HECA1	44.97	-116.844	-0.39	0.00	17.65	10.29	14.29	13.78	2.38	-2.81
Aerosol bext	HEGL1	36.614	-92.922	-2.07	0.00	65.49	26.23	47.23	44.83	11.62	-4.61
Aerosol bext	HOOV1	38.088	-119.177	-0.14	0.01	10.72	7.97	9.41	9.20	1.18	-1.57
Aerosol bext	IKBA1	34.34	-111.683	-0.28	0.00	17.86	12.49	14.84	15.03	2.28	-1.88
Aerosol bext	ISLE1	47.46	-88.149	-0.62	0.00	24.26	12.43	18.39	18.03	3.75	-3.45
Aerosol bext	JARB1	41.893	-115.426	-0.20	0.00	11.79	8.04	9.61	9.82	1.21	-2.01
Aerosol bext	JARI1	37.627	-79.512	-2.76	0.00	77.44	24.98	51.23	49.83	15.75	-5.54
Aerosol bext	JOSH1	34.07	-116.389	-0.72	0.00	27.97	14.25	22.28	20.75	4.95	-3.48
Aerosol bext	KAIS1	37.221	-119.155	-0.21	0.12	17.39	13.49	15.15	15.23	2.66	-1.35
Aerosol bext	KALM1	42.552	-124.059	-0.34	0.00	20.47	14.09	16.80	17.11	2.35	-1.96
Aerosol bext	LABE1	41.712	-121.507	-0.27	0.00	14.47	9.40	12.07	11.80	1.91	-2.26
Aerosol bext	LASU2	40.693	-92.006	-2.15	0.00	69.19	28.25	47.86	43.34	12.31	-4.97
Aerosol bext	LAVO1	40.54	-121.577	-0.23	0.00	13.61	9.20	11.67	11.29	1.63	-2.06
Aerosol bext	LIGO1	35.972	-81.933	-2.33	0.00	66.13	21.79	43.54	41.63	14.88	-5.61
Aerosol bext	LOST1	48.642	-102.402	-0.33	0.01	30.07	23.87	26.82	26.81	2.75	-1.22
Aerosol bext	MACA1	37.132	-86.148	-3.27	0.00	99.21	37.01	63.91	66.47	20.01	-4.92
Aerosol bext	MAV11	41.331	-70.785	-0.97	0.00	44.31	25.94	34.76	33.68	5.36	-2.87
Aerosol bext	MEAD1	36.019	-114.068	-0.30	0.00	16.02	10.31	12.49	12.72	1.81	-2.36
Aerosol bext	MELA1	48.487	-104.476	-0.21	0.03	24.21	20.31	22.14	22.16	2.00	-0.93
Aerosol bext	MEVE1	37.198	-108.491	-0.36	0.00	14.64	7.82	11.26	11.05	2.33	-3.25
Aerosol bext	MING1	36.972	-90.143	-2.36	0.00	77.49	32.62	54.34	50.33	15.32	-4.69
Aerosol bext	MOHO1	45.289	-121.784	-0.28	0.00	13.65	8.34	11.39	10.86	1.80	-2.57
Aerosol bext	MOMO1	41.821	-73.297	-1.26	0.00	40.61	16.76	28.87	26.80	7.97	-4.68

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Aerosol bext	MONT1	47.122	-113.154	-0.17	0.05	13.51	10.32	11.91	11.92	1.63	-1.41
Aerosol bext	MOOS1	45.126	-67.266	-0.81	0.00	27.78	12.36	21.30	19.66	4.94	-4.13
Aerosol bext	MORA1	46.758	-122.124	-0.54	0.00	22.22	12.04	17.81	16.86	3.73	-3.18
Aerosol bext	MOZI1	40.538	-106.677	-0.24	0.00	11.05	6.53	9.35	8.67	1.63	-2.75
Aerosol bext	NEBR1	41.889	-100.339	-0.55	0.00	29.25	18.74	22.88	22.89	3.77	-2.42
Aerosol bext	NOAB1	44.745	-109.382	-0.24	0.01	10.19	5.63	8.70	8.03	2.03	-2.99
Aerosol bext	NOCA1	48.732	-121.065	-0.30	0.00	14.57	8.80	11.57	11.53	2.26	-2.64
Aerosol bext	NOCH1	45.65	-106.557	-0.16	0.01	13.92	10.81	12.39	12.12	1.48	-1.35
Aerosol bext	OKEF1	30.74	-82.128	-1.96	0.00	70.36	33.14	49.55	50.77	11.44	-3.86
Aerosol bext	OLYM1	48.007	-122.973	-0.68	0.00	23.59	10.65	17.93	16.44	3.82	-4.14
Aerosol bext	ORPI1	31.951	-112.802	-0.32	0.00	19.94	13.87	16.47	16.42	1.91	-1.95
Aerosol bext	PASA1	48.388	-119.927	-0.16	0.02	11.97	8.89	10.26	10.35	1.59	-1.57
Aerosol bext	PEFO1	35.078	-109.769	-0.37	0.00	17.12	10.13	13.70	13.44	2.29	-2.74
Aerosol bext	PENO1	44.948	-68.648	-0.78	0.00	34.98	20.22	25.15	25.27	4.20	-3.07
Aerosol bext	PINN1	36.483	-121.157	-0.56	0.00	29.80	19.21	25.73	24.23	3.77	-2.30
Aerosol bext	PMRF1	44.528	-72.869	-0.94	0.00	32.54	14.63	23.87	23.12	5.50	-4.08
Aerosol bext	PORE1	38.122	-122.909	-0.50	0.01	38.19	28.65	34.15	32.92	4.37	-1.52
Aerosol bext	PRIS1	46.696	-68.033	-0.84	0.00	33.83	17.92	25.57	25.45	5.51	-3.29
Aerosol bext	QUCI1	39.943	-81.338	-2.65	0.00	82.75	32.31	57.19	54.88	17.07	-4.84
Aerosol bext	QURE1	42.299	-72.335	-1.42	0.00	42.08	15.14	31.30	30.74	6.93	-4.61
Aerosol bext	QUVA1	33.294	-111.286	-0.46	0.01	24.24	15.44	20.56	20.53	2.78	-2.25
Aerosol bext	RAFA1	34.734	-120.007	-0.73	0.00	32.14	18.27	27.38	24.84	5.16	-2.94
Aerosol bext	REDW1	41.561	-124.084	-0.33	0.01	25.86	19.68	22.38	22.61	3.08	-1.44
Aerosol bext	ROMA1	32.941	-79.657	-2.23	0.00	73.76	31.30	51.69	51.41	13.48	-4.35
Aerosol bext	ROMO1	40.278	-105.546	-0.38	0.00	15.17	7.94	12.07	11.36	2.46	-3.35
Aerosol bext	SACR1	33.46	-104.404	-0.24	0.06	28.35	23.76	26.21	25.93	2.99	-0.93
Aerosol bext	SAGA1	34.297	-118.028	-0.83	0.00	30.73	14.89	23.20	21.97	5.76	-3.80
Aerosol bext	SAGO1	34.194	-116.913	-1.23	0.00	35.17	11.87	27.13	22.91	7.83	-5.35
Aerosol bext	SAGU1	32.175	-110.737	-0.40	0.00	21.82	14.18	18.06	17.80	2.51	-2.26
Aerosol bext	SAMA1	30.093	-84.161	-2.07	0.00	69.43	30.08	49.32	47.68	12.90	-4.34
Aerosol bext	SAPE1	36.014	-106.845	-0.28	0.00	12.71	7.39	9.93	9.91	1.82	-2.82
Aerosol bext	SAWE1	32.249	-111.218	-0.43	0.00	26.85	18.63	21.97	22.31	2.77	-1.94
Aerosol bext	SAWT1	44.171	-114.927	-0.30	0.00	13.51	7.73	10.26	10.47	2.02	-2.90
Aerosol bext	SENE1	46.289	-85.95	-0.65	0.00	26.87	14.61	21.12	20.42	4.68	-3.16
Aerosol bext	SEQU1	36.489	-118.829	-1.04	0.00	48.89	29.10	41.28	38.47	6.90	-2.71
Aerosol bext	SHEN1	38.523	-78.435	-2.26	0.00	62.27	19.28	43.13	39.65	13.40	-5.71
Aerosol bext	SHMI1	37.304	-107.484	-0.29	0.00	15.06	9.64	11.86	11.64	1.63	-2.45

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Aerosol bext	SHRO1	35.394	-82.774	-1.97	0.00	51.01	13.58	34.06	29.34	11.96	-6.71
Aerosol bext	SIME1	55.326	-160.506	-0.09	0.57	24.71	23.01	23.06	23.77	2.41	-0.38
Aerosol bext	SIPS1	34.343	-87.339	-2.79	0.00	84.66	31.69	56.02	56.78	17.35	-4.91
Aerosol bext	SNPA1	47.422	-121.426	-0.63	0.00	20.74	8.70	16.10	14.40	3.81	-4.40
Aerosol bext	STAR1	45.225	-118.513	-0.37	0.00	17.91	10.91	15.14	14.23	3.15	-2.59
Aerosol bext	SULA1	45.86	-114	-0.25	0.00	11.24	6.40	8.90	8.69	1.48	-2.93
Aerosol bext	SWAN1	35.451	-76.207	-1.69	0.00	56.70	24.58	41.28	38.10	10.24	-4.44
Aerosol bext	SYCA1	35.141	-111.969	-0.38	0.00	22.53	15.24	19.46	19.46	2.17	-1.97
Aerosol bext	TALL1	38.434	-96.56	-1.58	0.00	59.12	29.15	42.03	41.77	8.85	-3.78
Aerosol bext	THBA1	44.663	-105.287	-0.35	0.00	20.66	14.05	16.36	16.49	2.23	-2.11
Aerosol bext	THRO1	46.895	-103.378	-0.41	0.00	26.03	18.20	21.91	21.91	2.87	-1.88
Aerosol bext	THSI1	44.291	-122.043	-0.18	0.00	14.99	11.52	13.24	13.16	1.67	-1.38
Aerosol bext	TONT1	33.655	-111.107	-0.34	0.00	19.92	13.52	17.03	16.55	2.10	-2.04
Aerosol bext	TRCR1	62.315	-150.316	-0.10	0.02	9.12	7.22	8.03	8.07	1.01	-1.24
Aerosol bext	TRIN1	40.786	-122.805	-0.26	0.00	14.53	9.65	12.73	12.34	1.78	-2.08
Aerosol bext	ULBE1	47.582	-108.72	-0.19	0.00	15.33	11.75	13.52	13.44	1.64	-1.40
Aerosol bext	UPBU1	35.826	-93.203	-1.98	0.00	67.85	30.31	46.74	48.09	11.71	-4.11
Aerosol bext	VIIS1	18.336	-64.796	0.56	0.01	22.79	33.48	27.31	27.85	3.98	2.02
Aerosol bext	VILA1	40.969	-95.045	-1.85	0.00	65.09	30.02	46.66	44.78	10.44	-4.12
Aerosol bext	VOYA2	48.413	-92.829	-0.54	0.00	23.21	12.98	18.10	17.82	3.50	-3.02
Aerosol bext	WEMI1	37.659	-107.8	-0.28	0.00	12.32	7.01	9.70	9.53	1.64	-2.93
Aerosol bext	WHIT1	33.469	-105.535	-0.24	0.02	16.55	11.94	14.21	14.00	2.16	-1.73
Aerosol bext	WHPA1	46.624	-121.388	-0.16	0.00	9.82	6.72	8.99	8.19	1.59	-1.99
Aerosol bext	WHPE1	36.585	-105.452	-0.28	0.00	11.84	6.49	9.67	9.02	1.67	-3.12
Aerosol bext	WHRI1	39.154	-106.821	-0.18	0.00	9.84	6.34	8.02	8.00	1.22	-2.31
Aerosol bext	WICA1	43.558	-103.484	-0.29	0.00	18.63	13.07	15.73	15.85	2.18	-1.85
Aerosol bext	WIMO1	34.732	-98.713	-1.21	0.00	49.46	26.43	38.31	37.34	7.27	-3.25
Aerosol bext	YELL2	44.565	-110.4	-0.23	0.00	12.02	7.65	9.69	9.72	1.50	-2.37
Aerosol bext	YOSE1	37.713	-119.706	-0.36	0.00	20.46	13.63	17.49	16.87	2.66	-2.13
Aerosol bext	ZICA1	37.198	-113.151	-0.25	0.01	15.05	10.37	12.45	12.34	1.80	-2.00
Total bext	ACAD1	44.377	-68.261	-0.68	0.00	40.31	27.38	33.84	33.50	4.38	-2.03
Total bext	AGTI1	33.464	-116.971	-1.69	0.00	60.40	28.38	48.27	44.39	10.62	-3.80
Total bext	BADL1	43.743	-101.941	-0.41	0.00	34.10	26.31	30.29	30.00	3.02	-1.37
Total bext	BALD1	34.058	-109.441	-0.30	0.00	23.09	17.46	20.12	20.13	2.03	-1.47
Total bext	BAND1	35.78	-106.266	-0.31	0.00	25.32	19.43	21.94	22.22	2.03	-1.39
Total bext	BIBE1	29.303	-103.178	-0.32	0.00	34.81	28.66	31.19	31.58	2.93	-1.02
Total bext	BLIS1	38.976	-120.103	-0.17	0.00	22.92	19.75	21.03	21.34	1.42	-0.78

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Total bext	BOAP1	33.869	-106.852	-0.32	0.00	29.56	23.54	25.83	26.39	2.51	-1.20
Total bext	BOND1	40.052	-88.373	-2.64	0.00	103.94	53.71	75.17	77.51	16.84	-3.41
Total bext	BOWA1	47.947	-91.495	-0.58	0.00	33.93	22.81	29.16	28.08	3.85	-2.08
Total bext	BRCA1	37.618	-112.174	-0.26	0.00	22.01	17.07	19.49	19.41	1.64	-1.34
Total bext	BRID1	42.975	-109.758	-0.18	0.00	19.48	16.04	17.99	17.67	1.21	-1.02
Total bext	BRIG1	39.465	-74.449	-2.11	0.00	84.11	43.95	62.18	61.91	13.22	-3.41
Total bext	BRMA1	44.107	-70.729	-0.89	0.00	42.75	25.87	36.07	35.64	4.55	-2.49
Total bext	CABA1	43.833	-70.064	-0.88	0.00	47.38	30.67	39.84	38.59	5.94	-2.28
Total bext	CABI1	47.955	-115.671	-0.35	0.00	25.87	19.25	22.54	22.39	2.18	-1.56
Total bext	CACO1	41.976	-70.024	-1.00	0.00	51.53	32.52	43.44	41.53	5.92	-2.41
Total bext	CACR1	34.454	-94.143	-2.15	0.00	81.52	40.69	59.01	60.03	12.68	-3.58
Total bext	CANY1	38.459	-109.821	-0.24	0.00	22.55	18.02	19.77	20.16	1.64	-1.18
Total bext	CAPI1	38.302	-111.293	-0.18	0.00	21.64	18.28	19.87	19.78	1.25	-0.89
Total bext	CEBL1	38.77	-99.763	-0.69	0.00	48.73	35.66	42.10	41.17	5.12	-1.67
Total bext	CHAS1	28.748	-82.555	-1.70	0.00	76.89	44.56	60.42	58.17	10.82	-2.92
Total bext	CHIR1	32.009	-109.389	-0.17	0.02	24.69	21.52	23.27	23.02	1.64	-0.73
Total bext	COHU1	34.785	-84.627	-2.85	0.00	86.69	32.60	60.39	56.80	16.52	-5.01
Total bext	CORI1	45.664	-121.001	-0.31	0.02	47.34	41.45	44.40	44.24	3.85	-0.70
Total bext	CRLA1	42.896	-122.136	-0.18	0.00	20.34	16.97	18.63	18.47	1.30	-0.96
Total bext	CRMO1	43.46	-113.555	-0.29	0.00	24.21	18.74	22.18	21.33	2.08	-1.35
Total bext	DENA1	63.723	-148.967	-0.06	0.20	17.84	16.74	17.30	17.26	0.89	-0.34
Total bext	DOME1	35.728	-118.138	-0.47	0.01	40.99	32.08	36.29	36.06	3.74	-1.30
Total bext	DOSO1	39.105	-79.426	-2.16	0.00	73.98	32.97	52.20	52.40	13.00	-4.12
Total bext	EGBE1	44.231	-79.783	-0.88	0.17	56.16	39.38	46.34	45.12	7.27	-1.96
Total bext	EVER1	25.391	-80.681	-0.70	0.00	51.13	37.91	45.69	44.17	5.28	-1.58
Total bext	FLAT1	47.773	-114.269	-0.28	0.01	24.91	19.51	22.51	21.78	2.20	-1.30
Total bext	FOPE1	48.308	-105.102	-0.34	0.00	35.44	28.96	31.23	31.69	2.33	-1.08
Total bext	FRRE1	39.706	-79.012	-2.83	0.00	87.88	34.16	58.82	55.36	14.88	-5.11
Total bext	GAMO1	46.826	-111.711	-0.17	0.00	18.99	15.77	17.25	17.38	1.25	-0.97
Total bext	GICL1	33.22	-108.235	-0.17	0.00	21.30	18.02	20.03	19.57	1.40	-0.88
Total bext	GLAC1	48.511	-113.997	-0.54	0.00	37.82	27.58	32.34	32.43	3.63	-1.66
Total bext	GRBA1	39.005	-114.216	-0.19	0.00	19.67	16.00	18.23	17.74	1.35	-1.09
Total bext	GRCA2	36.066	-112.154	-0.27	0.00	22.07	16.95	19.39	19.65	1.77	-1.37
Total bext	GRGU1	44.308	-71.218	-0.79	0.00	38.38	23.38	30.64	30.48	5.08	-2.59
Total bext	GRR11	43.937	-91.405	-1.66	0.00	67.00	35.52	49.64	48.77	9.23	-3.40
Total bext	GRSA1	37.725	-105.519	-0.30	0.00	24.88	19.27	21.51	21.92	1.91	-1.35
Total bext	GRSM1	35.633	-83.942	-3.01	0.00	85.66	28.49	61.29	55.57	18.35	-5.41

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Total bext	GUMO1	31.833	-104.809	-0.28	0.07	32.71	27.41	29.42	29.92	2.87	-0.93
Total bext	HAVO1	19.431	-155.258	0.04	0.65	25.40	26.15	25.45	25.79	2.04	0.15
Total bext	HECA1	44.97	-116.844	-0.39	0.00	28.65	21.29	25.29	24.78	2.38	-1.56
Total bext	HEGL1	36.614	-92.922	-2.07	0.00	76.49	37.23	58.23	55.83	11.62	-3.70
Total bext	HOOV1	38.088	-119.177	-0.14	0.01	19.72	16.97	18.41	18.20	1.18	-0.80
Total bext	IKBA1	34.34	-111.683	-0.28	0.00	27.86	22.49	24.84	25.03	2.28	-1.13
Total bext	ISLE1	47.46	-88.149	-0.62	0.00	36.26	24.43	30.39	30.03	3.75	-2.07
Total bext	JARB1	41.893	-115.426	-0.20	0.00	21.79	18.04	19.61	19.82	1.21	-1.00
Total bext	JARI1	37.627	-79.512	-2.76	0.00	88.44	35.98	62.23	60.83	15.75	-4.54
Total bext	JOSH1	34.07	-116.389	-0.72	0.00	37.97	24.25	32.28	30.75	4.95	-2.35
Total bext	KAIS1	37.221	-119.155	-0.21	0.12	26.39	22.49	24.15	24.23	2.66	-0.85
Total bext	KALM1	42.552	-124.059	-0.34	0.00	32.47	26.09	28.80	29.11	2.35	-1.15
Total bext	LABE1	41.712	-121.507	-0.27	0.00	24.47	19.40	22.07	21.80	1.91	-1.22
Total bext	LASU2	40.693	-92.006	-2.15	0.00	80.19	39.25	58.86	54.34	12.31	-3.97
Total bext	LAVO1	40.54	-121.577	-0.23	0.00	23.61	19.20	21.67	21.29	1.63	-1.09
Total bext	LIGO1	35.972	-81.933	-2.33	0.00	77.13	32.79	54.54	52.63	14.88	-4.43
Total bext	LOST1	48.642	-102.402	-0.33	0.01	41.07	34.87	37.82	37.81	2.75	-0.86
Total bext	MACA1	37.132	-86.148	-3.27	0.00	110.21	48.01	74.91	77.47	20.01	-4.23
Total bext	MAVI1	41.331	-70.785	-0.97	0.00	56.31	37.94	46.76	45.68	5.36	-2.12
Total bext	MEAD1	36.019	-114.068	-0.30	0.00	26.02	20.31	22.49	22.72	1.81	-1.32
Total bext	MELA1	48.487	-104.476	-0.21	0.03	35.21	31.31	33.14	33.16	2.00	-0.62
Total bext	MEVE1	37.198	-108.491	-0.36	0.00	23.64	16.82	20.26	20.05	2.33	-1.79
Total bext	MING1	36.972	-90.143	-2.36	0.00	89.49	44.62	66.34	62.33	15.32	-3.79
Total bext	MOHO1	45.289	-121.784	-0.28	0.00	23.65	18.34	21.39	20.86	1.80	-1.34
Total bext	MOMO1	41.821	-73.297	-1.26	0.00	51.61	27.76	39.87	37.80	7.97	-3.32
Total bext	MONT1	47.122	-113.154	-0.17	0.05	23.51	20.32	21.91	21.92	1.63	-0.77
Total bext	MOOS1	45.126	-67.266	-0.81	0.00	39.78	24.36	33.30	31.66	4.94	-2.56
Total bext	MORA1	46.758	-122.124	-0.54	0.00	33.22	23.04	28.81	27.86	3.73	-1.92
Total bext	MOZI1	40.538	-106.677	-0.24	0.00	19.05	14.53	17.35	16.67	1.63	-1.43
Total bext	NEBR1	41.889	-100.339	-0.55	0.00	40.25	29.74	33.88	33.89	3.77	-1.63
Total bext	NOAB1	44.745	-109.382	-0.24	0.01	19.19	14.63	17.70	17.03	2.03	-1.41
Total bext	NOCA1	48.732	-121.065	-0.30	0.00	25.57	19.80	22.57	22.53	2.26	-1.35
Total bext	NOCH1	45.65	-106.557	-0.16	0.01	23.92	20.81	22.39	22.12	1.48	-0.74
Total bext	OKEF1	30.74	-82.128	-1.96	0.00	81.36	44.14	60.55	61.77	11.44	-3.17
Total bext	OLYM1	48.007	-122.973	-0.68	0.00	34.59	21.65	28.93	27.44	3.82	-2.48
Total bext	ORPI1	31.951	-112.802	-0.32	0.00	30.94	24.87	27.47	27.42	1.91	-1.17
Total bext	PASA1	48.388	-119.927	-0.16	0.02	21.97	18.89	20.26	20.35	1.59	-0.80

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Total bext	PEFO1	35.078	-109.769	-0.37	0.00	26.12	19.13	22.70	22.44	2.29	-1.64
Total bext	PENO1	44.948	-68.648	-0.78	0.00	46.98	32.22	37.15	37.27	4.20	-2.08
Total bext	PINN1	36.483	-121.157	-0.56	0.00	40.80	30.21	36.73	35.23	3.77	-1.58
Total bext	PMRF1	44.528	-72.869	-0.94	0.00	43.54	25.63	34.87	34.12	5.50	-2.76
Total bext	PORE1	38.122	-122.909	-0.50	0.01	50.19	40.65	46.15	44.92	4.37	-1.12
Total bext	PRIS1	46.696	-68.033	-0.84	0.00	45.83	29.92	37.57	37.45	5.51	-2.24
Total bext	QUCI1	39.943	-81.338	-2.65	0.00	93.75	43.31	68.19	65.88	17.07	-4.03
Total bext	QURE1	42.299	-72.335	-1.42	0.00	53.08	26.14	42.30	41.74	6.93	-3.40
Total bext	QUVA1	33.294	-111.286	-0.46	0.01	35.24	26.44	31.56	31.53	2.78	-1.47
Total bext	RAFA1	34.734	-120.007	-0.73	0.00	42.15	28.27	37.38	34.84	5.16	-2.10
Total bext	REDW1	41.561	-124.084	-0.33	0.01	36.86	30.68	33.38	33.61	3.08	-0.97
Total bext	ROMA1	32.941	-79.657	-2.23	0.00	85.76	43.30	63.69	63.41	13.48	-3.52
Total bext	ROMO1	40.278	-105.546	-0.38	0.00	24.17	16.94	21.07	20.36	2.46	-1.87
Total bext	SACR1	33.46	-104.404	-0.24	0.06	38.35	33.76	36.21	35.93	2.99	-0.67
Total bext	SAGA1	34.297	-118.028	-0.83	0.00	39.73	23.89	32.20	30.97	5.76	-2.69
Total bext	SAGO1	34.194	-116.913	-1.23	0.00	45.17	21.87	37.13	32.91	7.83	-3.73
Total bext	SAGU1	32.175	-110.737	-0.40	0.00	31.82	24.18	28.06	27.80	2.51	-1.45
Total bext	SAMA1	30.093	-84.161	-2.07	0.00	80.43	41.08	60.32	58.68	12.90	-3.53
Total bext	SAPE1	36.014	-106.845	-0.28	0.00	20.71	15.39	17.93	17.91	1.82	-1.56
Total bext	SAWE1	32.249	-111.218	-0.43	0.00	36.85	28.63	31.97	32.31	2.77	-1.34
Total bext	SAWT1	44.171	-114.927	-0.30	0.00	23.51	17.73	20.26	20.47	2.02	-1.48
Total bext	SENE1	46.289	-85.95	-0.65	0.00	38.87	26.61	33.12	32.42	4.68	-1.99
Total bext	SEQU1	36.489	-118.829	-1.04	0.00	59.89	40.10	52.28	49.47	6.90	-2.11
Total bext	SHEN1	38.523	-78.435	-2.26	0.00	72.27	29.28	53.13	49.65	13.40	-4.56
Total bext	SHMI1	37.304	-107.484	-0.29	0.00	24.06	18.64	20.86	20.64	1.63	-1.38
Total bext	SHRO1	35.394	-82.774	-1.97	0.00	61.01	23.58	44.06	39.34	11.96	-5.01
Total bext	SIME1	55.326	-160.506	-0.09	0.57	36.71	35.01	35.06	35.77	2.41	-0.25
Total bext	SIPS1	34.343	-87.339	-2.79	0.00	95.66	42.69	67.02	67.78	17.35	-4.11
Total bext	SNPA1	47.422	-121.426	-0.63	0.00	31.74	19.70	27.10	25.40	3.81	-2.50
Total bext	STAR1	45.225	-118.513	-0.37	0.00	27.91	20.91	25.14	24.23	3.15	-1.52
Total bext	SULA1	45.86	-114	-0.25	0.00	21.24	16.40	18.90	18.69	1.48	-1.36
Total bext	SWAN1	35.451	-76.207	-1.69	0.00	68.70	36.58	53.28	50.10	10.24	-3.37
Total bext	SYCA1	35.141	-111.969	-0.38	0.00	31.53	24.24	28.46	28.46	2.17	-1.35
Total bext	TALL1	38.434	-96.56	-1.58	0.00	70.12	40.15	53.03	52.77	8.85	-2.99
Total bext	THBA1	44.663	-105.287	-0.35	0.00	30.66	24.05	26.36	26.49	2.23	-1.31
Total bext	THRO1	46.895	-103.378	-0.41	0.00	37.03	29.20	32.91	32.91	2.87	-1.25
Total bext	THSI1	44.291	-122.043	-0.18	0.00	25.99	22.52	24.24	24.16	1.67	-0.75

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Total bext	TONT1	33.655	-111.107	-0.34	0.00	29.92	23.52	27.03	26.55	2.10	-1.27
Total bext	TRCR1	62.315	-150.316	-0.10	0.02	21.12	19.22	20.03	20.07	1.01	-0.50
Total bext	TRIN1	40.786	-122.805	-0.26	0.00	24.53	19.65	22.73	22.34	1.78	-1.15
Total bext	ULBE1	47.582	-108.72	-0.19	0.00	26.33	22.75	24.52	24.44	1.64	-0.77
Total bext	UPBU1	35.826	-93.203	-1.98	0.00	78.85	41.31	57.74	59.09	11.71	-3.34
Total bext	VIIS1	18.336	-64.796	0.56	0.01	33.79	44.48	38.31	38.85	3.98	1.45
Total bext	VILA1	40.969	-95.045	-1.85	0.00	76.09	41.02	57.66	55.78	10.44	-3.31
Total bext	VOYA2	48.413	-92.829	-0.54	0.00	35.21	24.98	30.10	29.82	3.50	-1.80
Total bext	WEMI1	37.659	-107.8	-0.28	0.00	21.32	16.01	18.70	18.53	1.64	-1.51
Total bext	WHIT1	33.469	-105.535	-0.24	0.02	25.55	20.94	23.21	23.00	2.16	-1.06
Total bext	WHPA1	46.624	-121.388	-0.16	0.00	19.82	16.72	18.99	18.19	1.59	-0.90
Total bext	WHPE1	36.585	-105.452	-0.28	0.00	19.84	14.49	17.67	17.02	1.67	-1.66
Total bext	WHRI1	39.154	-106.821	-0.18	0.00	17.84	14.34	16.02	16.00	1.22	-1.15
Total bext	WICA1	43.558	-103.484	-0.29	0.00	28.63	23.07	25.73	25.85	2.18	-1.13
Total bext	WIMO1	34.732	-98.713	-1.21	0.00	60.46	37.43	49.31	48.34	7.27	-2.51
Total bext	YELL2	44.565	-110.4	-0.23	0.00	21.02	16.65	18.69	18.72	1.50	-1.23
Total bext	YOSE1	37.713	-119.706	-0.36	0.00	30.46	23.63	27.49	26.87	2.66	-1.34
Total bext	ZICA1	37.198	-113.151	-0.25	0.01	25.05	20.37	22.45	22.34	1.80	-1.10
dv	ACAD1	44.377	-68.261	-0.20	0.00	14.10	10.28	12.11	12.09	1.31	-1.66
dv	AGTI1	33.464	-116.971	-0.35	0.00	18.21	11.59	15.52	14.90	2.14	-2.34
dv	BADL1	43.743	-101.941	-0.14	0.00	12.39	9.72	11.04	10.99	0.98	-1.28
dv	BALD1	34.058	-109.441	-0.15	0.00	8.49	5.64	6.94	6.99	1.02	-2.15
dv	BAND1	35.78	-106.266	-0.14	0.00	9.42	6.70	7.81	7.99	0.94	-1.79
dv	BIBE1	29.303	-103.178	-0.11	0.00	12.57	10.53	11.33	11.50	0.94	-0.94
dv	BLIS1	38.976	-120.103	-0.08	0.00	8.34	6.81	7.41	7.58	0.68	-1.06
dv	BOAP1	33.869	-106.852	-0.13	0.00	10.97	8.57	9.45	9.71	0.96	-1.30
dv	BOND1	40.052	-88.373	-0.38	0.00	24.28	17.05	19.93	20.48	2.28	-1.86
dv	BOWA1	47.947	-91.495	-0.20	0.00	12.29	8.56	10.62	10.32	1.26	-1.90
dv	BRCA1	37.618	-112.174	-0.13	0.00	7.97	5.43	6.64	6.63	0.83	-2.02
dv	BRID1	42.975	-109.758	-0.10	0.00	6.70	4.79	5.85	5.69	0.67	-1.77
dv	BRIG1	39.465	-74.449	-0.36	0.00	22.05	15.13	18.06	18.23	2.17	-2.00
dv	BRMA1	44.107	-70.729	-0.24	0.00	14.64	10.05	12.75	12.71	1.27	-1.90
dv	CABA1	43.833	-70.064	-0.23	0.00	15.82	11.42	13.72	13.50	1.48	-1.71
dv	CABI1	47.955	-115.671	-0.16	0.00	9.64	6.64	8.08	8.06	0.97	-1.96
dv	CACO1	41.976	-70.024	-0.23	0.00	16.55	12.16	14.60	14.24	1.37	-1.62
dv	CACR1	34.454	-94.143	-0.38	0.00	21.68	14.55	17.53	17.92	2.19	-2.09
dv	CANY1	38.459	-109.821	-0.12	0.00	8.20	5.94	6.78	7.01	0.83	-1.70

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
dv	CAPI1	38.302	-111.293	-0.09	0.00	7.72	6.09	6.85	6.82	0.63	-1.26
dv	CEBL1	38.77	-99.763	-0.17	0.00	16.05	12.77	14.31	14.15	1.18	-1.22
dv	CHAS1	28.748	-82.555	-0.29	0.00	20.81	15.28	17.84	17.61	1.74	-1.65
dv	CHIR1	32.009	-109.389	-0.07	0.02	9.07	7.68	8.42	8.34	0.69	-0.88
dv	COHU1	34.785	-84.627	-0.49	0.00	22.48	13.23	17.62	17.37	2.77	-2.80
dv	CORI1	45.664	-121.001	-0.07	0.02	15.57	14.24	14.87	14.87	0.86	-0.47
dv	CRLA1	42.896	-122.136	-0.10	0.00	7.15	5.32	6.20	6.14	0.70	-1.56
dv	CRMO1	43.46	-113.555	-0.13	0.00	8.88	6.40	7.92	7.58	0.92	-1.72
dv	DENA1	63.723	-148.967	-0.03	0.20	5.80	5.15	5.47	5.46	0.51	-0.62
dv	DOME1	35.728	-118.138	-0.13	0.01	14.21	11.71	12.84	12.83	1.02	-1.02
dv	DOSO1	39.105	-79.426	-0.46	0.00	21.16	12.42	16.22	16.56	2.56	-2.78
dv	EGBE1	44.231	-79.783	-0.21	0.17	17.66	13.72	15.23	15.07	1.50	-1.38
dv	EVER1	25.391	-80.681	-0.16	0.00	16.43	13.44	15.13	14.85	1.13	-1.06
dv	FLAT1	47.773	-114.269	-0.13	0.01	9.19	6.77	8.07	7.79	0.95	-1.63
dv	FOPE1	48.308	-105.102	-0.11	0.00	12.75	10.65	11.36	11.53	0.76	-0.95
dv	FRRE1	39.706	-79.012	-0.50	0.00	22.92	13.33	17.43	17.11	2.47	-2.95
dv	GAMO1	46.826	-111.711	-0.10	0.00	6.44	4.62	5.43	5.53	0.72	-1.73
dv	GICL1	33.22	-108.235	-0.09	0.00	7.59	5.93	6.92	6.72	0.68	-1.31
dv	GLAC1	48.511	-113.997	-0.17	0.00	13.42	10.27	11.68	11.77	1.10	-1.41
dv	GRBA1	39.005	-114.216	-0.11	0.00	6.80	4.77	5.98	5.73	0.73	-1.87
dv	GRCA2	36.066	-112.154	-0.14	0.00	8.01	5.36	6.58	6.75	0.91	-2.07
dv	GRGU1	44.308	-71.218	-0.27	0.00	13.87	8.70	11.07	11.15	1.67	-2.44
dv	GRR11	43.937	-91.405	-0.33	0.00	19.51	13.18	15.86	15.85	1.87	-2.10
dv	GRSA1	37.725	-105.519	-0.14	0.00	9.22	6.62	7.62	7.85	0.89	-1.74
dv	GRSM1	35.633	-83.942	-0.52	0.00	22.31	12.51	17.69	17.15	3.07	-3.01
dv	GUMO1	31.833	-104.809	-0.10	0.07	11.92	10.09	10.75	10.96	0.98	-0.88
dv	HAVO1	19.431	-155.258	0.01	0.65	9.33	9.61	9.31	9.48	0.81	0.16
dv	HECA1	44.97	-116.844	-0.15	0.00	10.61	7.69	9.24	9.07	0.93	-1.70
dv	HEGL1	36.614	-92.922	-0.36	0.00	20.82	13.93	17.43	17.20	2.02	-2.11
dv	HOOV1	38.088	-119.177	-0.08	0.01	6.80	5.33	6.08	5.99	0.63	-1.29
dv	IKBA1	34.34	-111.683	-0.12	0.00	10.33	8.14	9.06	9.18	0.91	-1.25
dv	ISLE1	47.46	-88.149	-0.19	0.00	12.91	9.28	11.05	11.00	1.21	-1.74
dv	JARB1	41.893	-115.426	-0.10	0.00	7.86	5.92	6.72	6.84	0.62	-1.49
dv	JARI1	37.627	-79.512	-0.46	0.00	22.68	13.89	17.97	18.05	2.61	-2.56
dv	JOSH1	34.07	-116.389	-0.23	0.00	13.50	9.19	11.61	11.23	1.47	-2.02
dv	KAIS1	37.221	-119.155	-0.09	0.12	9.79	8.09	8.76	8.85	1.10	-1.01
dv	KALM1	42.552	-124.059	-0.11	0.00	11.82	9.67	10.55	10.69	0.82	-1.06

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
dv	LABE1	41.712	-121.507	-0.12	0.00	9.01	6.70	7.88	7.79	0.87	-1.56
dv	LASU2	40.693	-92.006	-0.37	0.00	21.41	14.31	17.55	16.93	1.90	-2.21
dv	LAVO1	40.54	-121.577	-0.11	0.00	8.62	6.60	7.71	7.56	0.74	-1.41
dv	LIGO1	35.972	-81.933	-0.47	0.00	21.52	12.57	16.60	16.58	2.80	-2.84
dv	LOST1	48.642	-102.402	-0.09	0.01	14.18	12.51	13.28	13.30	0.74	-0.66
dv	MACA1	37.132	-86.148	-0.46	0.00	25.12	16.30	19.79	20.47	2.74	-2.27
dv	MAVII	41.331	-70.785	-0.20	0.00	17.41	13.57	15.36	15.19	1.15	-1.33
dv	MEAD1	36.019	-114.068	-0.14	0.00	9.73	7.10	8.07	8.21	0.82	-1.69
dv	MELA1	48.487	-104.476	-0.06	0.03	12.62	11.42	11.97	11.99	0.60	-0.53
dv	MEVE1	37.198	-108.491	-0.18	0.00	8.77	5.33	7.00	6.96	1.14	-2.61
dv	MING1	36.972	-90.143	-0.39	0.00	22.77	15.38	18.69	18.30	2.20	-2.13
dv	MOHO1	45.289	-121.784	-0.13	0.00	8.62	6.21	7.57	7.35	0.83	-1.72
dv	MOMO1	41.821	-73.297	-0.33	0.00	16.93	10.65	13.65	13.30	1.97	-2.48
dv	MONT1	47.122	-113.154	-0.08	0.05	8.58	7.11	7.82	7.85	0.73	-0.98
dv	MOOS1	45.126	-67.266	-0.24	0.00	13.91	9.38	11.93	11.53	1.46	-2.07
dv	MORA1	46.758	-122.124	-0.18	0.00	12.08	8.60	10.50	10.25	1.25	-1.78
dv	MOZI1	40.538	-106.677	-0.14	0.00	6.48	3.88	5.47	5.11	0.93	-2.69
dv	NEBR1	41.889	-100.339	-0.17	0.00	14.12	10.95	12.14	12.20	1.13	-1.37
dv	NOAB1	44.745	-109.382	-0.13	0.01	6.52	4.00	5.65	5.33	1.15	-2.49
dv	NOCA1	48.732	-121.065	-0.14	0.00	9.50	6.89	8.10	8.12	0.98	-1.69
dv	NOCH1	45.65	-106.557	-0.08	0.01	8.77	7.33	8.04	7.94	0.66	-0.96
dv	OKEF1	30.74	-82.128	-0.34	0.00	21.58	15.17	17.83	18.21	1.94	-1.85
dv	OLYM1	48.007	-122.973	-0.23	0.00	12.54	8.10	10.54	10.09	1.31	-2.31
dv	ORPI1	31.951	-112.802	-0.11	0.00	11.34	9.18	10.08	10.09	0.70	-1.13
dv	PASA1	48.388	-119.927	-0.08	0.02	7.90	6.39	7.03	7.11	0.79	-1.11
dv	PEFO1	35.078	-109.769	-0.16	0.00	9.67	6.65	8.15	8.08	1.01	-1.97
dv	PENO1	44.948	-68.648	-0.22	0.00	15.85	11.76	13.06	13.16	1.14	-1.64
dv	PINN1	36.483	-121.157	-0.15	0.00	14.13	11.21	12.96	12.59	1.00	-1.22
dv	PMRF1	44.528	-72.869	-0.28	0.00	15.12	9.71	12.37	12.27	1.59	-2.32
dv	PORE1	38.122	-122.909	-0.11	0.01	16.18	14.08	15.25	15.02	0.94	-0.73
dv	PRIS1	46.696	-68.033	-0.23	0.00	15.52	11.12	13.14	13.21	1.45	-1.75
dv	QUCI1	39.943	-81.338	-0.42	0.00	23.24	15.29	18.91	18.85	2.46	-2.22
dv	QURE1	42.299	-72.335	-0.33	0.00	16.92	10.67	14.30	14.29	1.63	-2.30
dv	QUVA1	33.294	-111.286	-0.15	0.01	12.68	9.85	11.46	11.48	0.88	-1.30
dv	RAFA1	34.734	-120.007	-0.20	0.00	14.46	10.71	13.10	12.48	1.34	-1.58
dv	REDW1	41.561	-124.084	-0.10	0.01	13.07	11.27	12.01	12.12	0.94	-0.78
dv	ROMA1	32.941	-79.657	-0.38	0.00	22.25	15.07	18.30	18.47	2.15	-2.04

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
dv	ROMO1	40.278	-105.546	-0.18	0.00	8.91	5.49	7.39	7.11	1.14	-2.53
dv	SACR1	33.46	-104.404	-0.07	0.06	13.49	12.16	12.84	12.79	0.82	-0.55
dv	SAGA1	34.297	-118.028	-0.26	0.00	14.07	9.06	11.55	11.30	1.70	-2.33
dv	SAGO1	34.194	-116.913	-0.32	0.00	15.09	9.05	12.92	11.91	2.02	-2.67
dv	SAGU1	32.175	-110.737	-0.14	0.00	11.64	8.95	10.28	10.22	0.89	-1.39
dv	SAMA1	30.093	-84.161	-0.35	0.00	21.39	14.71	17.76	17.70	2.13	-1.99
dv	SAPE1	36.014	-106.845	-0.16	0.00	7.42	4.39	5.79	5.83	1.02	-2.73
dv	SAWE1	32.249	-111.218	-0.13	0.00	13.14	10.58	11.59	11.73	0.87	-1.15
dv	SAWT1	44.171	-114.927	-0.15	0.00	8.67	5.81	7.01	7.16	1.00	-2.10
dv	SENE1	46.289	-85.95	-0.21	0.00	13.82	9.91	11.88	11.76	1.40	-1.75
dv	SEQU1	36.489	-118.829	-0.20	0.00	17.97	14.21	16.46	15.99	1.30	-1.24
dv	SHEN1	38.523	-78.435	-0.45	0.00	20.53	11.97	16.40	16.02	2.54	-2.81
dv	SHMI1	37.304	-107.484	-0.14	0.00	8.91	6.27	7.32	7.24	0.78	-1.91
dv	SHRO1	35.394	-82.774	-0.45	0.00	18.61	10.13	14.49	13.70	2.69	-3.26
dv	SIME1	55.326	-160.506	-0.02	0.57	13.00	12.54	12.52	12.74	0.71	-0.19
dv	SIPS1	34.343	-87.339	-0.44	0.00	23.49	15.22	18.70	19.14	2.63	-2.28
dv	SNPA1	47.422	-121.426	-0.23	0.00	11.60	7.28	9.88	9.32	1.38	-2.44
dv	STAR1	45.225	-118.513	-0.15	0.00	10.32	7.52	9.15	8.85	1.17	-1.66
dv	SULA1	45.86	-114	-0.14	0.00	7.62	5.03	6.34	6.26	0.78	-2.18
dv	SWAN1	35.451	-76.207	-0.32	0.00	19.66	13.54	16.56	16.11	1.91	-2.00
dv	SYCA1	35.141	-111.969	-0.14	0.00	11.57	8.93	10.43	10.46	0.77	-1.33
dv	TALL1	38.434	-96.56	-0.31	0.00	20.01	14.18	16.55	16.63	1.67	-1.85
dv	THBA1	44.663	-105.287	-0.14	0.00	11.37	8.79	9.66	9.74	0.84	-1.40
dv	THRO1	46.895	-103.378	-0.12	0.00	13.15	10.80	11.88	11.91	0.89	-1.04
dv	THSI1	44.291	-122.043	-0.07	0.00	9.56	8.16	8.83	8.82	0.69	-0.84
dv	TONT1	33.655	-111.107	-0.12	0.00	11.01	8.64	9.91	9.77	0.77	-1.28
dv	TRCR1	62.315	-150.316	-0.05	0.02	7.49	6.54	6.94	6.96	0.51	-0.72
dv	TRIN1	40.786	-122.805	-0.11	0.00	9.01	6.84	8.18	8.04	0.78	-1.42
dv	ULBE1	47.582	-108.72	-0.08	0.00	9.73	8.23	8.95	8.94	0.68	-0.88
dv	UPBU1	35.826	-93.203	-0.35	0.00	21.29	14.59	17.33	17.77	2.12	-1.98
dv	VIIS1	18.336	-64.796	0.15	0.01	12.25	15.04	13.38	13.57	1.10	1.08
dv	VILA1	40.969	-95.045	-0.32	0.00	20.73	14.62	17.37	17.19	1.78	-1.87
dv	VOYA2	48.413	-92.829	-0.19	0.00	12.82	9.22	10.96	10.93	1.15	-1.73
dv	WEMI1	37.659	-107.8	-0.15	0.00	7.65	4.83	6.22	6.17	0.89	-2.41
dv	WHIT1	33.469	-105.535	-0.11	0.02	9.48	7.39	8.38	8.33	0.93	-1.32
dv	WHPA1	46.624	-121.388	-0.09	0.00	6.86	5.20	6.38	5.98	0.81	-1.46
dv	WHPE1	36.585	-105.452	-0.16	0.00	6.92	3.87	5.65	5.32	0.95	-3.02

Species	Site	Lat (°)	Lon (°)	Slope (Mm⁻¹ yr⁻¹)	Statistical Significance (p)	Beg. Year b_{ext} (Mm⁻¹)	End Year b_{ext} (Mm⁻¹)	Mean (Mm⁻¹)	Median (Mm⁻¹)	Standard Deviation (Mm⁻¹)	Trend (% yr⁻¹)
dv	WHRI1	39.154	-106.821	-0.12	0.00	5.87	3.65	4.68	4.70	0.77	-2.48
dv	WICA1	43.558	-103.484	-0.12	0.00	10.61	8.39	9.42	9.50	0.85	-1.23
dv	WIMO1	34.732	-98.713	-0.25	0.00	18.30	13.47	15.85	15.76	1.48	-1.61
dv	YELL2	44.565	-110.4	-0.12	0.00	7.51	5.15	6.23	6.27	0.80	-1.98
dv	YOSE1	37.713	-119.706	-0.13	0.00	11.21	8.69	10.07	9.88	0.95	-1.34
dv	ZICA1	37.198	-113.151	-0.11	0.01	9.25	7.16	8.06	8.04	0.79	-1.37

Table 7.2.3. IMPROVE short-term (2000–2019) 90th percentile ambient b_{ext} trends for sites that met completeness criteria (see Chapter 7). Species include ammonium sulfate (AS), ammonium nitrate (AN), particulate organic matter (POM), elemental carbon (EC), fine dust (FD), coarse mass (CM), fine b_{ext}, aerosol b_{ext}, total b_{ext} (aerosol + Rayleigh), and deciview (dv). The slope is derived from a linear trend regression, beginning and end year b_{ext} are based on the linear fit for year 2000 and 2019, the mean and median 90th percentile b_{ext} over the 2000-2019 period, standard deviation in the mean over the 2000-2019 period, and trend is the slope divided by the median b_{ext} times 100. Wavelength of 500nm.

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	ACAD1	44.377	-68.261	-2.78	0.00	55.64	2.81	32.95	29.23	16.86	-9.51
AS	AGTI1	33.464	-116.971	-1.52	0.00	36.82	7.90	24.69	21.60	8.84	-7.05
AS	BADL1	43.743	-101.941	-0.61	0.00	22.38	10.74	16.54	16.56	4.65	-3.70
AS	BALD1	34.058	-109.441	-0.22	0.00	8.98	4.72	6.61	6.74	1.49	-3.33
AS	BAND1	35.78	-106.266	-0.23	0.00	9.70	5.31	7.49	7.51	1.59	-3.08
AS	BIBE1	29.303	-103.178	-0.61	0.00	28.34	16.71	22.06	22.52	4.24	-2.72
AS	BLIS1	38.976	-120.103	-0.14	0.00	7.58	4.86	6.29	6.29	1.11	-2.27
AS	BOAP1	33.869	-106.852	-0.31	0.00	11.37	5.49	8.55	8.43	2.01	-3.67
AS	BOND1	40.052	-88.373	-4.48	0.00	102.79	17.65	64.70	57.98	29.38	-7.73
AS	BOWA1	47.947	-91.495	-1.15	0.00	32.24	10.46	21.06	21.35	7.46	-5.37
AS	BRCA1	37.618	-112.174	-0.19	0.00	7.42	3.79	5.42	5.60	1.22	-3.41
AS	BRID1	42.975	-109.758	-0.23	0.00	7.65	3.35	5.58	5.50	1.36	-4.12
AS	BRIG1	39.465	-74.449	-5.99	0.00	110.43	-3.46	65.26	53.49	37.05	-11.21
AS	BRMA1	44.107	-70.729	-3.27	0.00	60.49	-1.60	39.56	34.35	18.72	-9.51
AS	CABA1	43.833	-70.064	-3.22	0.00	64.48	3.27	34.91	32.26	20.29	-9.99
AS	CABI1	47.955	-115.671	-0.29	0.00	9.90	4.42	7.05	7.02	1.70	-4.11
AS	CACO1	41.976	-70.024	-4.22	0.00	77.17	-2.98	45.80	34.98	26.86	-12.06
AS	CACR1	34.454	-94.143	-3.57	0.00	81.72	13.85	55.22	46.00	24.48	-7.77
AS	CANY1	38.459	-109.821	-0.20	0.00	7.61	3.72	5.65	5.67	1.41	-3.61
AS	CAPI1	38.302	-111.293	-0.19	0.00	7.89	4.26	5.75	5.88	1.12	-3.25
AS	CEBL1	38.77	-99.763	-1.37	0.00	40.32	14.22	25.24	25.21	7.76	-5.45
AS	CHAS1	28.748	-82.555	-3.45	0.00	80.20	14.68	51.77	47.44	22.18	-7.27
AS	CHIR1	32.009	-109.389	-0.22	0.00	11.20	7.01	9.22	9.11	1.63	-2.42
AS	COHU1	34.785	-84.627	-8.23	0.00	143.67	-12.71	72.20	57.25	46.65	-14.38
AS	CORI1	45.664	-121.001	-0.89	0.00	26.37	9.50	19.10	17.94	6.98	-4.95
AS	CRLA1	42.896	-122.136	-0.22	0.00	9.88	5.79	7.59	7.84	1.62	-2.75
AS	CRMO1	43.46	-113.555	-0.27	0.00	8.23	3.17	5.84	5.70	1.72	-4.68
AS	DENA1	63.723	-148.967	-0.05	0.60	6.74	5.83	6.38	6.28	1.94	-0.76
AS	DOME1	35.728	-118.138	-0.27	0.00	14.39	9.23	12.33	11.67	2.05	-2.33
AS	DOSO1	39.105	-79.426	-6.28	0.00	127.42	8.08	76.86	67.75	41.65	-9.27
AS	EGBE1	44.231	-79.783	-3.12	0.00	77.39	18.18	38.64	38.43	14.23	-8.11
AS	ELDO1	37.701	-94.035	-3.48	0.00	75.78	9.75	52.54	46.24	20.12	-7.52

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	EVER1	25.391	-80.681	-1.62	0.00	44.14	13.27	31.87	27.89	11.05	-5.82
AS	FLAT1	47.773	-114.269	-0.26	0.00	10.25	5.33	7.43	7.40	1.37	-3.50
AS	FOPE1	48.308	-105.102	-0.43	0.00	21.33	13.11	16.87	16.57	4.16	-2.61
AS	FRRE1	39.706	-79.012	-7.56	0.00	146.65	3.01	70.71	59.71	43.55	-12.66
AS	GAMO1	46.826	-111.711	-0.21	0.00	7.77	3.76	5.56	5.66	1.29	-3.73
AS	GICL1	33.22	-108.235	-0.30	0.00	9.97	4.22	7.41	7.10	1.95	-4.26
AS	GLAC1	48.511	-113.997	-0.56	0.00	16.18	5.51	11.89	10.84	3.52	-5.18
AS	GRBA1	39.005	-114.216	-0.13	0.00	6.05	3.60	4.73	4.82	0.89	-2.67
AS	GRCA2	36.066	-112.154	-0.19	0.00	7.95	4.40	6.28	6.17	1.34	-3.02
AS	GRGU1	44.308	-71.218	-2.67	0.00	55.26	4.46	32.54	28.52	20.57	-9.37
AS	GRR11	43.937	-91.405	-2.81	0.00	65.22	11.82	36.26	34.30	16.43	-8.19
AS	GRSA1	37.725	-105.519	-0.22	0.00	8.76	4.49	6.44	6.63	1.53	-3.39
AS	GRSM1	35.633	-83.942	-7.55	0.00	134.85	-8.55	80.39	63.15	49.55	-11.95
AS	GUMO1	31.833	-104.809	-0.40	0.00	20.26	12.69	16.51	16.48	3.45	-2.42
AS	HAVO1	19.431	-155.258	-0.28	0.75	72.22	66.89	77.55	69.41	35.73	-0.40
AS	HECA1	44.97	-116.844	-0.30	0.00	10.12	4.39	7.06	7.11	2.10	-4.24
AS	HEGL1	36.614	-92.922	-3.54	0.00	81.55	14.29	50.83	46.15	23.29	-7.67
AS	HOOV1	38.088	-119.177	-0.12	0.00	6.58	4.38	5.41	5.37	0.84	-2.16
AS	IKBA1	34.34	-111.683	-0.22	0.00	9.78	5.67	7.68	7.73	1.53	-2.80
AS	ISLE1	47.46	-88.149	-1.59	0.00	41.76	11.61	27.03	26.69	10.56	-5.95
AS	JARB1	41.893	-115.426	-0.10	0.03	6.10	4.27	5.02	5.19	0.94	-1.86
AS	JARI1	37.627	-79.512	-6.96	0.00	125.96	-6.30	68.12	56.35	43.99	-12.35
AS	JOSH1	34.07	-116.389	-0.52	0.00	17.54	7.72	12.87	12.63	3.50	-4.09
AS	KAIS1	37.221	-119.155	-0.12	0.01	9.42	7.16	8.31	8.17	1.15	-1.45
AS	KALM1	42.552	-124.059	-0.34	0.00	14.90	8.45	11.35	11.67	2.26	-2.91
AS	LABE1	41.712	-121.507	-0.22	0.00	9.46	5.36	7.46	7.41	1.52	-2.91
AS	LASU2	40.693	-92.006	-3.52	0.00	79.90	13.00	41.91	37.65	19.25	-9.35
AS	LAVO1	40.54	-121.577	-0.21	0.00	9.34	5.26	7.29	7.30	1.51	-2.94
AS	LIGO1	35.972	-81.933	-8.08	0.00	135.62	-17.86	80.30	58.88	54.57	-13.72
AS	LOST1	48.642	-102.402	-0.68	0.00	27.57	14.72	22.02	21.15	6.00	-3.20
AS	MACA1	37.132	-86.148	-8.05	0.00	161.28	8.40	97.16	84.84	52.51	-9.48
AS	MAV11	41.331	-70.785	-4.11	0.00	82.10	3.93	42.92	36.85	23.91	-11.17
AS	MEAD1	36.019	-114.068	-0.24	0.00	9.11	4.62	6.52	6.51	1.37	-3.64
AS	MELA1	48.487	-104.476	-0.39	0.00	21.98	14.53	17.85	18.26	3.27	-2.15
AS	MEVE1	37.198	-108.491	-0.25	0.00	9.05	4.29	6.67	6.67	1.67	-3.76
AS	MING1	36.972	-90.143	-4.51	0.00	96.94	11.29	62.89	51.86	32.93	-8.69
AS	MOHO1	45.289	-121.784	-0.36	0.00	12.61	5.85	9.38	9.23	2.39	-3.86

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	MOMO1	41.821	-73.297	-4.50	0.00	84.22	-1.24	45.00	36.99	26.96	-12.16
AS	MONT1	47.122	-113.154	-0.24	0.00	9.39	4.89	6.65	7.02	1.47	-3.37
AS	MOOS1	45.126	-67.266	-2.14	0.00	46.34	5.72	28.37	26.03	13.24	-8.21
AS	MORA1	46.758	-122.124	-0.81	0.00	23.20	7.88	17.23	15.54	5.96	-5.19
AS	MOZI1	40.538	-106.677	-0.23	0.00	7.97	3.67	5.65	5.71	1.41	-3.97
AS	NEBR1	41.889	-100.339	-1.00	0.00	32.00	13.01	19.49	21.01	5.40	-4.76
AS	NOAB1	44.745	-109.382	-0.22	0.00	7.74	3.49	5.39	5.51	1.37	-4.06
AS	NOCA1	48.732	-121.065	-0.59	0.00	18.26	7.03	12.91	12.64	3.95	-4.68
AS	NOCH1	45.65	-106.557	-0.24	0.00	11.22	6.74	8.75	8.63	1.44	-2.74
AS	OKEF1	30.74	-82.128	-3.90	0.00	87.95	13.82	55.43	50.89	24.95	-7.67
AS	OLYM1	48.007	-122.973	-0.56	0.00	20.51	9.86	14.02	14.63	3.47	-3.83
AS	ORPI1	31.951	-112.802	-0.30	0.00	12.77	7.05	9.73	9.45	1.90	-3.19
AS	PASA1	48.388	-119.927	-0.27	0.00	10.91	5.84	8.26	8.24	1.73	-3.24
AS	PEFO1	35.078	-109.769	-0.25	0.00	9.54	4.82	7.09	7.18	1.61	-3.46
AS	PENO1	44.948	-68.648	-2.55	0.00	53.96	5.56	24.23	22.11	11.00	-11.52
AS	PINN1	36.483	-121.157	-0.50	0.00	19.30	9.80	13.88	14.55	3.36	-3.44
AS	PMRF1	44.528	-72.869	-3.70	0.00	71.65	1.37	40.57	34.66	24.14	-10.67
AS	PORE1	38.122	-122.909	-0.73	0.00	26.11	12.15	18.13	19.13	4.95	-3.84
AS	PRIS1	46.696	-68.033	-1.69	0.00	39.44	7.35	24.97	22.55	13.58	-7.49
AS	QUCI1	39.943	-81.338	-7.82	0.00	155.14	6.56	87.13	76.94	48.34	-10.16
AS	QURE1	42.299	-72.335	-4.70	0.00	79.71	-9.59	52.36	42.11	22.79	-11.16
AS	QUVA1	33.294	-111.286	-0.15	0.05	11.12	8.29	9.92	9.93	1.45	-1.50
AS	RAFA1	34.734	-120.007	-0.83	0.00	25.18	9.41	18.05	17.30	5.30	-4.80
AS	REDW1	41.561	-124.084	-0.46	0.00	21.23	12.48	17.06	16.86	3.43	-2.73
AS	ROMA1	32.941	-79.657	-4.32	0.00	96.12	14.06	60.93	55.09	30.64	-7.84
AS	ROMO1	40.278	-105.546	-0.29	0.00	9.83	4.24	7.06	7.04	1.93	-4.18
AS	SACR1	33.46	-104.404	-0.43	0.00	20.89	12.79	17.05	16.63	3.40	-2.56
AS	SAGA1	34.297	-118.028	-0.61	0.00	20.43	8.85	13.79	14.03	3.76	-4.35
AS	SAGO1	34.194	-116.913	-0.49	0.00	16.50	7.21	12.10	11.86	3.32	-4.12
AS	SAGU1	32.175	-110.737	-0.25	0.00	11.11	6.36	8.69	8.61	1.73	-2.90
AS	SAMA1	30.093	-84.161	-4.09	0.00	91.12	13.49	58.34	50.26	28.59	-8.13
AS	SAPE1	36.014	-106.845	-0.20	0.00	8.00	4.28	6.10	6.04	1.32	-3.24
AS	SAWE1	32.249	-111.218	-0.24	0.00	11.22	6.67	8.83	8.71	1.82	-2.75
AS	SAWT1	44.171	-114.927	-0.12	0.00	5.90	3.61	4.52	4.76	0.90	-2.54
AS	SENE1	46.289	-85.95	-2.57	0.00	59.30	10.39	38.51	34.84	19.61	-7.39
AS	SEQU1	36.489	-118.829	-0.41	0.00	19.90	12.07	16.67	15.99	2.95	-2.58
AS	SHEN1	38.523	-78.435	-7.10	0.00	125.49	-9.40	77.65	58.05	48.20	-12.23

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	SHMI1	37.304	-107.484	-0.25	0.00	8.57	3.90	5.60	5.62	1.18	-4.38
AS	SHRO1	35.394	-82.774	-7.07	0.00	133.33	-0.91	71.82	66.21	43.84	-10.67
AS	SIAN1	34.091	-110.942	-0.17	0.00	8.94	5.74	7.99	7.68	1.31	-2.19
AS	SIME1	55.326	-160.506	-0.06	0.68	19.81	18.63	20.16	19.16	2.94	-0.32
AS	SIPS1	34.343	-87.339	-6.07	0.00	119.70	4.41	72.48	62.05	39.87	-9.78
AS	SNPA1	47.422	-121.426	-0.66	0.00	20.16	7.69	14.89	13.92	5.83	-4.71
AS	STAR1	45.225	-118.513	-0.32	0.00	11.69	5.53	8.70	8.61	2.25	-3.77
AS	SULA1	45.86	-114	-0.21	0.00	7.82	3.90	5.88	5.86	1.49	-3.51
AS	SWAN1	35.451	-76.207	-3.99	0.00	84.48	8.71	51.27	44.60	26.52	-8.94
AS	SYCA1	35.141	-111.969	-0.22	0.00	9.28	5.18	7.80	7.66	1.50	-2.82
AS	TALL1	38.434	-96.56	-2.19	0.00	58.26	16.67	36.00	34.18	12.64	-6.40
AS	THBA1	44.663	-105.287	-0.33	0.00	13.49	7.17	9.67	9.67	2.17	-3.44
AS	THRO1	46.895	-103.378	-0.43	0.00	21.41	13.30	16.95	17.35	3.56	-2.46
AS	THSI1	44.291	-122.043	-0.38	0.00	14.28	7.02	10.89	10.65	2.55	-3.59
AS	TONT1	33.655	-111.107	-0.24	0.00	11.14	6.57	8.68	8.86	1.75	-2.72
AS	TRCR1	62.315	-150.316	-0.21	0.09	10.14	6.24	8.09	7.98	2.43	-2.57
AS	TRIN1	40.786	-122.805	-0.33	0.00	12.18	5.92	9.61	9.38	2.38	-3.51
AS	ULBE1	47.582	-108.72	-0.28	0.00	13.57	8.25	10.67	10.91	2.06	-2.57
AS	UPBU1	35.826	-93.203	-3.28	0.00	77.43	15.15	51.74	46.29	22.97	-7.08
AS	VIIS1	18.336	-64.796	-0.20	0.56	18.28	14.53	17.01	16.50	4.48	-1.20
AS	VILA1	40.969	-95.045	-2.54	0.00	61.71	13.54	37.18	33.82	14.35	-7.50
AS	VOYA2	48.413	-92.829	-0.85	0.00	27.03	10.88	18.61	18.96	5.39	-4.49
AS	WEMI1	37.659	-107.8	-0.20	0.00	7.40	3.55	5.51	5.47	1.47	-3.70
AS	WHIT1	33.469	-105.535	-0.29	0.01	13.66	8.19	10.81	10.63	2.49	-2.71
AS	WHPA1	46.624	-121.388	-0.36	0.00	12.56	5.65	9.10	9.11	2.42	-3.99
AS	WHPE1	36.585	-105.452	-0.20	0.00	8.12	4.31	5.71	6.02	1.28	-3.33
AS	WHRI1	39.154	-106.821	-0.18	0.00	6.85	3.42	5.10	5.13	1.23	-3.52
AS	WICA1	43.558	-103.484	-0.47	0.00	16.44	7.43	11.94	11.93	2.92	-3.97
AS	WIMO1	34.732	-98.713	-1.92	0.00	54.08	17.62	37.24	34.89	14.43	-5.50
AS	YELL2	44.565	-110.4	-0.18	0.00	6.98	3.48	5.41	5.23	1.26	-3.52
AS	YOSE1	37.713	-119.706	-0.20	0.00	10.23	6.34	8.71	8.29	1.62	-2.47
AS	ZICA1	37.198	-113.151	-0.26	0.00	8.46	3.46	6.00	5.56	1.48	-4.73
AN	ACAD1	44.377	-68.261	-0.23	0.00	8.83	4.54	7.06	6.57	2.07	-3.44
AN	AGTI1	33.464	-116.971	-1.27	0.00	29.05	4.89	19.56	16.34	9.05	-7.78
AN	BADL1	43.743	-101.941	-0.05	0.55	8.23	7.19	8.22	7.68	1.97	-0.71
AN	BALD1	34.058	-109.441	-0.02	0.04	1.76	1.31	1.58	1.52	0.31	-1.55
AN	BAND1	35.78	-106.266	-0.10	0.00	3.47	1.54	2.44	2.45	0.81	-4.14

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AN	BIBE1	29.303	-103.178	-0.02	0.15	2.54	2.08	2.39	2.30	0.44	-1.05
AN	BLIS1	38.976	-120.103	-0.13	0.00	3.64	1.22	2.63	2.43	0.79	-5.25
AN	BOAP1	33.869	-106.852	-0.14	0.01	4.51	1.87	3.41	3.12	1.21	-4.45
AN	BOND1	40.052	-88.373	-0.83	0.12	69.81	54.08	62.00	61.53	12.36	-1.35
AN	BOWA1	47.947	-91.495	-0.49	0.05	17.13	7.81	13.92	12.22	4.86	-4.01
AN	BRCA1	37.618	-112.174	-0.10	0.00	3.58	1.61	2.70	2.54	0.87	-4.09
AN	BRID1	42.975	-109.758	-0.06	0.01	2.53	1.43	1.95	1.95	0.46	-2.98
AN	BRIG1	39.465	-74.449	-0.62	0.00	27.21	15.50	20.33	21.04	4.54	-2.93
AN	BRMA1	44.107	-70.729	-0.15	0.02	6.56	3.74	5.63	5.37	1.26	-2.76
AN	CABA1	43.833	-70.064	-0.22	0.02	10.43	6.15	8.25	8.18	2.59	-2.75
AN	CABI1	47.955	-115.671	-0.05	0.02	3.31	2.31	2.80	2.78	0.58	-1.88
AN	CACO1	41.976	-70.024	-0.21	0.00	10.94	6.92	8.82	8.83	1.74	-2.40
AN	CACR1	34.454	-94.143	-0.71	0.00	25.01	11.59	16.78	17.94	4.95	-3.94
AN	CANY1	38.459	-109.821	-0.18	0.00	5.02	1.59	3.67	3.21	1.76	-5.62
AN	CAPI1	38.302	-111.293	-0.12	0.01	4.51	2.18	3.27	3.22	1.25	-3.82
AN	CEBL1	38.77	-99.763	-0.95	0.01	33.53	15.42	25.64	23.05	10.01	-4.14
AN	CHAS1	28.748	-82.555	-0.12	0.01	8.80	6.60	7.51	7.64	1.05	-1.52
AN	CHIR1	32.009	-109.389	-0.02	0.07	1.81	1.49	1.69	1.64	0.31	-1.04
AN	COHU1	34.785	-84.627	-0.56	0.00	18.73	8.11	12.92	12.86	3.52	-4.34
AN	CORI1	45.664	-121.001	-0.80	0.28	48.21	33.09	41.74	40.25	15.18	-1.98
AN	CRLA1	42.896	-122.136	-0.03	0.25	2.34	1.73	2.45	2.02	1.43	-1.61
AN	CRMO1	43.46	-113.555	-0.43	0.02	13.89	5.69	9.55	9.58	3.93	-4.51
AN	DENA1	63.723	-148.967	-0.01	0.12	1.01	0.78	0.98	0.89	0.30	-1.37
AN	DOME1	35.728	-118.138	-0.75	0.00	18.20	4.01	12.06	10.36	6.32	-7.21
AN	DOSO1	39.105	-79.426	-0.23	0.01	12.81	8.37	10.58	10.47	2.11	-2.23
AN	EGBE1	44.231	-79.783	-0.91	0.11	58.81	41.44	47.36	47.38	8.45	-1.93
AN	ELDO1	37.701	-94.035	-1.18	0.02	48.69	26.18	40.38	38.62	10.02	-3.07
AN	EVER1	25.391	-80.681	-0.10	0.04	6.10	4.26	5.42	5.13	0.95	-1.89
AN	FLAT1	47.773	-114.269	-0.14	0.00	4.76	2.06	3.40	3.20	0.97	-4.44
AN	FOPE1	48.308	-105.102	-0.19	0.36	18.78	15.18	16.37	16.70	3.20	-1.14
AN	FRRE1	39.706	-79.012	-0.14	0.32	15.86	13.14	14.55	14.21	3.24	-1.01
AN	GAMO1	46.826	-111.711	-0.07	0.01	2.80	1.45	2.21	2.09	0.56	-3.40
AN	GICL1	33.22	-108.235	-0.02	0.15	1.31	1.00	1.20	1.15	0.23	-1.45
AN	GLAC1	48.511	-113.997	-0.19	0.13	7.83	4.18	6.66	5.91	2.89	-3.25
AN	GRBA1	39.005	-114.216	-0.07	0.00	2.14	0.82	1.61	1.45	0.45	-4.79
AN	GRCA2	36.066	-112.154	-0.05	0.00	2.36	1.42	2.09	1.87	0.45	-2.64
AN	GRGU1	44.308	-71.218	-0.07	0.03	4.24	2.86	3.82	3.52	0.99	-2.07

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AN	GRII1	43.937	-91.405	-1.43	0.00	68.26	41.00	50.26	52.48	10.54	-2.73
AN	GRSA1	37.725	-105.519	-0.10	0.00	3.13	1.24	2.30	2.14	0.73	-4.66
AN	GRSM1	35.633	-83.942	-0.49	0.00	14.72	5.45	10.78	9.84	3.44	-4.96
AN	GUM01	31.833	-104.809	-0.12	0.01	4.43	2.15	3.53	3.23	0.91	-3.73
AN	HAVO1	19.431	-155.258	-0.02	0.04	1.76	1.34	1.57	1.54	0.24	-1.43
AN	HECA1	44.97	-116.844	-0.85	0.01	17.31	1.14	12.90	8.80	9.57	-9.68
AN	HEGL1	36.614	-92.922	-0.90	0.01	33.04	15.87	24.24	24.00	6.78	-3.77
AN	HOOV1	38.088	-119.177	-0.06	0.03	2.48	1.33	1.89	1.85	0.54	-3.27
AN	IKBA1	34.34	-111.683	-0.13	0.00	4.15	1.68	3.14	2.85	1.00	-4.57
AN	ISLE1	47.46	-88.149	-0.12	0.42	12.76	10.48	13.02	11.56	5.14	-1.04
AN	JARB1	41.893	-115.426	-0.04	0.00	1.94	1.13	1.52	1.51	0.34	-2.83
AN	JARI1	37.627	-79.512	-0.42	0.00	15.66	7.74	11.92	11.49	3.00	-3.62
AN	JOSH1	34.07	-116.389	-1.16	0.00	23.99	1.96	14.20	12.39	7.20	-9.35
AN	KAIS1	37.221	-119.155	-0.25	0.00	8.08	3.33	6.05	5.46	1.81	-4.58
AN	KALM1	42.552	-124.059	-0.09	0.01	4.40	2.78	3.43	3.55	0.71	-2.40
AN	LABE1	41.712	-121.507	-0.06	0.02	3.29	2.15	2.91	2.69	0.90	-2.25
AN	LASU2	40.693	-92.006	-2.08	0.01	77.22	37.63	51.29	52.21	13.94	-3.99
AN	LAVO1	40.54	-121.577	-0.12	0.00	4.02	1.70	3.12	2.80	0.91	-4.36
AN	LIGO1	35.972	-81.933	-0.15	0.00	7.40	4.48	6.26	5.87	1.61	-2.62
AN	LOST1	48.642	-102.402	-0.26	0.15	24.49	19.50	22.49	21.86	3.34	-1.20
AN	MACA1	37.132	-86.148	-0.87	0.00	38.79	22.34	28.80	30.13	7.43	-2.87
AN	MAVI1	41.331	-70.785	-0.19	0.00	13.35	9.74	11.04	11.26	1.28	-1.69
AN	MEAD1	36.019	-114.068	-0.05	0.00	2.66	1.61	2.12	2.05	0.37	-2.67
AN	MELA1	48.487	-104.476	-0.26	0.13	20.89	15.94	18.44	18.29	3.67	-1.43
AN	MEVE1	37.198	-108.491	-0.10	0.00	3.17	1.25	2.33	2.16	0.87	-4.67
AN	MING1	36.972	-90.143	-1.17	0.01	40.59	18.27	28.87	28.84	8.23	-4.07
AN	MOHO1	45.289	-121.784	-0.16	0.00	5.66	2.57	4.50	4.03	1.22	-4.02
AN	MOMO1	41.821	-73.297	-0.04	0.43	12.29	11.51	11.91	11.86	2.23	-0.35
AN	MONT1	47.122	-113.154	-0.04	0.24	1.95	1.25	1.78	1.60	0.63	-2.31
AN	MOOS1	45.126	-67.266	-0.18	0.00	6.94	3.56	5.40	5.16	1.41	-3.45
AN	MORA1	46.758	-122.124	-0.10	0.00	5.07	3.26	4.40	4.12	1.13	-2.31
AN	MOZI1	40.538	-106.677	-0.05	0.01	2.38	1.44	2.06	1.89	0.48	-2.62
AN	NEBR1	41.889	-100.339	-0.59	0.08	25.03	13.88	18.57	18.57	5.98	-3.16
AN	NOAB1	44.745	-109.382	-0.07	0.01	2.99	1.74	2.26	2.33	0.55	-2.83
AN	NOCA1	48.732	-121.065	-0.04	0.15	2.95	2.23	2.72	2.57	0.52	-1.48
AN	NOCH1	45.65	-106.557	0.01	0.93	3.85	4.00	3.99	3.94	0.78	0.20
AN	OKEF1	30.74	-82.128	-0.11	0.00	8.09	6.00	6.98	6.99	0.79	-1.57

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AN	OLYM1	48.007	-122.973	-0.14	0.02	7.64	4.91	6.68	6.13	1.41	-2.34
AN	ORPI1	31.951	-112.802	-0.03	0.10	3.15	2.56	2.88	2.81	0.40	-1.10
AN	PASA1	48.388	-119.927	-0.02	0.42	4.08	3.74	3.98	3.90	0.96	-0.46
AN	PEFO1	35.078	-109.769	-0.10	0.00	3.16	1.29	2.40	2.18	0.77	-4.53
AN	PENO1	44.948	-68.648	-0.08	0.07	7.54	5.95	6.55	6.49	1.00	-1.29
AN	PINN1	36.483	-121.157	-0.53	0.00	15.16	5.08	11.32	9.85	3.66	-5.39
AN	PMRF1	44.528	-72.869	-0.16	0.10	10.84	7.80	9.40	9.24	2.16	-1.73
AN	PORE1	38.122	-122.909	-0.62	0.00	19.34	7.58	13.71	13.15	4.60	-4.71
AN	PRIS1	46.696	-68.033	-0.04	0.51	6.36	5.61	6.20	5.97	1.60	-0.66
AN	QUCI1	39.943	-81.338	0.16	0.42	21.01	24.14	24.49	22.66	6.38	0.73
AN	QURE1	42.299	-72.335	-0.25	0.26	14.08	9.23	11.64	12.04	2.39	-2.12
AN	QUVA1	33.294	-111.286	-0.17	0.03	5.40	2.15	4.36	4.04	1.75	-4.24
AN	RAFA1	34.734	-120.007	-0.51	0.00	16.60	6.89	11.98	11.49	3.63	-4.45
AN	REDW1	41.561	-124.084	-0.26	0.00	8.01	3.07	5.57	5.41	1.96	-4.80
AN	ROMA1	32.941	-79.657	-0.18	0.00	9.52	6.10	7.60	7.72	1.30	-2.33
AN	ROMO1	40.278	-105.546	-0.19	0.00	6.00	2.33	4.81	4.07	1.75	-4.74
AN	SACR1	33.46	-104.404	-0.35	0.02	11.43	4.75	9.23	7.91	3.13	-4.45
AN	SAGA1	34.297	-118.028	-1.03	0.00	26.40	6.89	17.13	15.62	6.34	-6.57
AN	SAGO1	34.194	-116.913	-1.72	0.00	40.44	7.75	24.56	23.23	10.68	-7.41
AN	SAGU1	32.175	-110.737	-0.10	0.00	4.16	2.23	3.09	3.14	0.74	-3.23
AN	SAMA1	30.093	-84.161	-0.11	0.01	8.82	6.64	7.44	7.67	1.19	-1.50
AN	SAPE1	36.014	-106.845	-0.05	0.00	2.20	1.30	1.79	1.73	0.39	-2.73
AN	SAWE1	32.249	-111.218	-0.12	0.00	5.21	2.96	3.73	3.97	0.89	-2.99
AN	SAWT1	44.171	-114.927	-0.02	0.15	1.05	0.76	1.01	0.90	0.27	-1.73
AN	SENE1	46.289	-85.95	-0.50	0.03	24.29	14.72	20.64	19.25	5.49	-2.62
AN	SEQU1	36.489	-118.829	-2.23	0.00	48.28	5.98	29.61	26.02	16.36	-8.56
AN	SHEN1	38.523	-78.435	-0.47	0.00	18.48	9.51	14.43	13.76	3.24	-3.43
AN	SHMI1	37.304	-107.484	-0.09	0.01	3.13	1.44	2.22	2.06	0.66	-4.31
AN	SHRO1	35.394	-82.774	-0.05	0.06	6.96	6.09	6.32	6.50	0.77	-0.71
AN	SIAN1	34.091	-110.942	-0.12	0.00	3.62	1.32	2.86	2.65	0.88	-4.57
AN	SIME1	55.326	-160.506	0.01	0.31	2.45	2.70	2.59	2.59	0.24	0.51
AN	SIPS1	34.343	-87.339	-0.78	0.00	26.38	11.62	17.31	18.61	5.43	-4.17
AN	SNPA1	47.422	-121.426	-0.32	0.00	10.58	4.47	8.41	7.37	2.47	-4.37
AN	STAR1	45.225	-118.513	-0.23	0.05	8.12	3.73	8.09	5.81	4.73	-3.98
AN	SULA1	45.86	-114	-0.07	0.00	2.51	1.10	2.04	1.77	1.02	-4.19
AN	SWAN1	35.451	-76.207	-0.06	0.17	8.77	7.71	8.59	8.21	1.00	-0.68
AN	SYCA1	35.141	-111.969	-0.10	0.02	3.78	1.87	3.06	2.98	0.78	-3.39

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AN	TALL1	38.434	-96.56	-1.19	0.01	47.25	24.61	33.13	34.15	8.67	-3.49
AN	THBA1	44.663	-105.287	-0.16	0.13	7.78	4.70	5.64	5.92	1.83	-2.74
AN	THRO1	46.895	-103.378	-0.20	0.10	17.48	13.66	14.59	15.47	3.48	-1.30
AN	THSI1	44.291	-122.043	-0.06	0.03	3.22	2.05	2.75	2.61	0.61	-2.37
AN	TONT1	33.655	-111.107	-0.09	0.00	3.50	1.75	2.88	2.58	0.69	-3.58
AN	TRCR1	62.315	-150.316	-0.02	0.00	1.49	1.01	1.22	1.23	0.19	-2.03
AN	TRIN1	40.786	-122.805	-0.10	0.02	3.72	1.91	3.94	2.91	2.74	-3.28
AN	ULBE1	47.582	-108.72	-0.09	0.28	7.39	5.70	6.77	6.50	1.99	-1.37
AN	UPBU1	35.826	-93.203	-1.09	0.00	33.73	13.02	21.52	22.83	6.79	-4.77
AN	VIIS1	18.336	-64.796	0.04	0.30	3.60	4.30	3.92	3.98	0.48	0.92
AN	VILA1	40.969	-95.045	-1.86	0.00	69.35	34.04	49.14	48.91	13.80	-3.80
AN	VOYA2	48.413	-92.829	-0.38	0.03	16.93	9.76	13.30	13.16	4.47	-2.87
AN	WEMI1	37.659	-107.8	-0.03	0.01	1.65	1.01	1.35	1.31	0.32	-2.56
AN	WHIT1	33.469	-105.535	-0.04	0.08	2.37	1.67	2.12	1.99	0.48	-1.85
AN	WHPA1	46.624	-121.388	-0.08	0.00	3.79	2.22	2.83	2.96	0.69	-2.79
AN	WHPE1	36.585	-105.452	-0.06	0.00	2.43	1.34	1.77	1.83	0.35	-3.12
AN	WHRI1	39.154	-106.821	-0.03	0.01	1.96	1.42	1.65	1.67	0.26	-1.68
AN	WICA1	43.558	-103.484	-0.11	0.15	7.61	5.53	6.57	6.52	1.58	-1.68
AN	WIMO1	34.732	-98.713	-0.54	0.02	27.00	16.75	21.57	21.61	6.42	-2.50
AN	YELL2	44.565	-110.4	-0.11	0.00	4.00	1.90	2.95	2.89	0.79	-3.81
AN	YOSE1	37.713	-119.706	-0.18	0.02	6.63	3.28	5.24	4.87	1.92	-3.62
AN	ZICA1	37.198	-113.151	-0.08	0.00	2.79	1.17	2.07	1.85	0.54	-4.58
POM	ACAD1	44.377	-68.261	-0.14	0.09	13.58	11.00	12.13	12.29	1.87	-1.10
POM	AGTI1	33.464	-116.971	-0.53	0.00	18.51	8.45	14.20	13.48	4.36	-3.93
POM	BADL1	43.743	-101.941	-0.09	0.30	12.67	10.89	13.02	11.78	3.05	-0.79
POM	BALD1	34.058	-109.441	-0.18	0.31	10.59	7.17	9.53	8.79	3.21	-2.05
POM	BAND1	35.78	-106.266	-0.09	0.15	9.43	7.80	8.94	8.62	1.97	-0.99
POM	BIBE1	29.303	-103.178	-0.16	0.05	10.13	7.16	8.97	8.65	2.49	-1.81
POM	BLIS1	38.976	-120.103	0.17	0.25	13.15	16.40	16.02	14.69	4.06	1.17
POM	BOAP1	33.869	-106.852	-0.06	0.44	9.93	8.79	9.58	9.36	1.98	-0.64
POM	BOND1	40.052	-88.373	-0.31	0.00	19.28	13.32	16.81	16.14	2.83	-1.94
POM	BOWA1	47.947	-91.495	-0.19	0.24	15.84	12.29	14.25	14.07	3.67	-1.33
POM	BRCA1	37.618	-112.174	0.01	0.95	8.94	9.04	9.86	8.99	3.43	0.06
POM	BRID1	42.975	-109.758	-0.04	0.85	11.56	10.82	13.35	11.19	7.65	-0.34
POM	BRIG1	39.465	-74.449	-0.43	0.00	21.47	13.38	18.47	17.21	3.56	-2.47
POM	BRMA1	44.107	-70.729	-0.44	0.02	18.82	10.52	15.34	15.33	3.28	-2.85
POM	CABA1	43.833	-70.064	-0.34	0.00	22.23	15.72	19.12	18.80	2.97	-1.82

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
POM	CABI1	47.955	-115.671	0.11	0.81	15.32	17.45	18.62	16.44	6.70	0.68
POM	CACO1	41.976	-70.024	-0.31	0.00	18.35	12.48	14.87	15.26	2.57	-2.02
POM	CACR1	34.454	-94.143	-0.48	0.00	24.54	15.34	20.47	19.70	4.14	-2.46
POM	CANY1	38.459	-109.821	0.02	0.85	6.98	7.30	7.60	7.14	2.15	0.24
POM	CAPI1	38.302	-111.293	-0.08	0.38	8.30	6.71	8.13	7.42	2.24	-1.12
POM	CEBL1	38.77	-99.763	-0.21	0.10	14.86	10.84	12.63	12.53	1.88	-1.69
POM	CHAS1	28.748	-82.555	-0.50	0.00	22.54	13.10	18.84	17.82	3.61	-2.79
POM	CHIR1	32.009	-109.389	-0.12	0.19	7.89	5.56	7.00	6.73	2.19	-1.83
POM	COHU1	34.785	-84.627	-0.52	0.01	25.80	15.86	20.88	20.31	4.30	-2.58
POM	CORI1	45.664	-121.001	-0.18	0.33	20.66	17.18	18.36	18.92	3.59	-0.97
POM	CRLA1	42.896	-122.136	-0.01	0.97	13.82	13.57	28.30	13.69	35.63	-0.10
POM	CRMO1	43.46	-113.555	0.20	0.38	11.66	15.39	14.58	13.62	8.05	1.44
POM	DENA1	63.723	-148.967	-0.15	0.12	7.12	4.30	9.06	5.71	9.89	-2.60
POM	DOME1	35.728	-118.138	-0.14	0.60	18.39	15.79	18.00	17.02	4.79	-0.81
POM	DOSO1	39.105	-79.426	-0.38	0.00	19.66	12.38	15.67	16.02	3.02	-2.39
POM	EGBE1	44.231	-79.783	-0.13	0.48	16.71	14.32	15.15	15.14	2.17	-0.83
POM	EVER1	25.391	-80.681	-0.28	0.02	12.83	7.58	11.24	10.07	4.94	-2.75
POM	FLAT1	47.773	-114.269	-0.16	0.68	16.95	13.85	21.21	15.16	10.78	-1.07
POM	FOPE1	48.308	-105.102	0.03	0.93	11.76	12.30	13.83	12.07	5.49	0.23
POM	FRRE1	39.706	-79.012	-0.36	0.01	18.56	11.67	15.22	14.39	2.67	-2.52
POM	GAMO1	46.826	-111.711	0.02	0.81	13.32	13.78	18.00	13.56	13.43	0.18
POM	GICL1	33.22	-108.235	-0.28	0.02	12.47	7.23	13.70	9.85	13.70	-2.80
POM	GLAC1	48.511	-113.997	-0.46	0.17	29.93	21.23	27.39	25.58	11.17	-1.79
POM	GRBA1	39.005	-114.216	-0.13	0.44	9.51	7.08	8.54	8.29	2.69	-1.54
POM	GRCA2	36.066	-112.154	-0.15	0.10	8.76	5.99	8.52	7.38	3.98	-1.98
POM	GRGU1	44.308	-71.218	-0.22	0.05	16.26	11.99	14.41	14.01	2.42	-1.60
POM	GRII1	43.937	-91.405	-0.36	0.01	19.14	12.39	15.07	15.23	3.08	-2.33
POM	GRSA1	37.725	-105.519	0.01	0.85	8.78	8.89	9.44	8.83	2.03	0.07
POM	GRSM1	35.633	-83.942	-0.53	0.00	25.02	15.02	19.35	20.02	4.14	-2.63
POM	GUMO1	31.833	-104.809	-0.08	0.30	8.94	7.38	8.48	8.16	1.70	-1.01
POM	HAVO1	19.431	-155.258	-0.06	0.10	2.91	1.69	2.51	2.27	1.20	-2.82
POM	HECA1	44.97	-116.844	-0.03	0.92	19.92	19.33	19.85	19.61	7.27	-0.16
POM	HEGL1	36.614	-92.922	-0.50	0.00	24.16	14.72	19.95	19.19	3.86	-2.59
POM	HOOV1	38.088	-119.177	0.23	0.34	10.34	14.73	16.03	12.76	9.94	1.81
POM	IKBA1	34.34	-111.683	-0.12	0.12	9.65	7.46	8.82	8.56	2.13	-1.34
POM	ISLE1	47.46	-88.149	-0.15	0.10	14.76	11.95	13.38	13.35	2.20	-1.11
POM	JARB1	41.893	-115.426	0.08	0.65	11.18	12.74	13.76	11.96	6.81	0.69

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
POM	JARI1	37.627	-79.512	-0.58	0.00	27.93	16.95	22.39	22.15	4.16	-2.61
POM	JOSH1	34.07	-116.389	-0.35	0.00	14.40	7.73	11.46	11.06	2.82	-3.17
POM	KAIS1	37.221	-119.155	0.10	0.79	14.62	16.61	18.68	15.72	7.18	0.66
POM	KALM1	42.552	-124.059	-0.17	0.36	16.48	13.27	18.94	14.88	13.29	-1.14
POM	LABE1	41.712	-121.507	0.11	0.95	18.17	20.22	28.71	19.20	32.71	0.56
POM	LASU2	40.693	-92.006	-0.33	0.10	18.95	12.67	15.54	14.98	2.96	-2.20
POM	LAVO1	40.54	-121.577	0.00	1.00	16.46	16.45	23.96	16.46	21.08	0.00
POM	LIGO1	35.972	-81.933	-0.39	0.00	22.71	15.24	19.11	18.97	3.00	-2.07
POM	LOST1	48.642	-102.402	-0.18	0.24	15.51	12.06	13.54	13.79	3.20	-1.32
POM	MACA1	37.132	-86.148	-0.58	0.00	26.11	15.03	21.11	20.57	4.25	-2.84
POM	MAVI1	41.331	-70.785	-0.24	0.05	15.15	10.64	13.33	12.54	2.90	-1.89
POM	MEAD1	36.019	-114.068	-0.10	0.10	7.86	5.89	7.07	6.72	1.45	-1.55
POM	MELA1	48.487	-104.476	0.05	0.85	11.84	12.69	12.53	12.26	2.89	0.37
POM	MEVE1	37.198	-108.491	-0.14	0.10	9.25	6.58	7.92	7.92	2.23	-1.77
POM	MING1	36.972	-90.143	-0.84	0.00	32.75	16.80	24.16	23.10	5.64	-3.64
POM	MOHO1	45.289	-121.784	-0.14	0.30	14.48	11.74	12.84	13.11	4.61	-1.10
POM	MOMO1	41.821	-73.297	-0.42	0.01	20.58	12.58	16.72	16.16	4.07	-2.60
POM	MONT1	47.122	-113.154	-0.07	0.65	18.67	17.26	26.17	17.93	18.87	-0.41
POM	MOOS1	45.126	-67.266	-0.16	0.02	14.18	11.05	12.58	12.61	2.12	-1.31
POM	MORA1	46.758	-122.124	-0.23	0.15	18.03	13.60	15.71	15.82	3.66	-1.47
POM	MOZI1	40.538	-106.677	0.03	0.81	8.88	9.50	9.62	9.21	2.87	0.35
POM	NEBR1	41.889	-100.339	-0.18	0.28	14.49	11.01	13.05	12.48	2.47	-1.46
POM	NOAB1	44.745	-109.382	0.01	0.86	10.46	10.72	13.15	10.60	5.89	0.13
POM	NOCA1	48.732	-121.065	-0.13	0.48	12.46	10.00	14.11	11.23	7.20	-1.15
POM	NOCH1	45.65	-106.557	-0.07	0.80	14.28	12.98	17.05	13.52	11.22	-0.50
POM	OKEF1	30.74	-82.128	-0.56	0.00	25.66	14.94	22.52	20.30	8.29	-2.78
POM	OLYM1	48.007	-122.973	-0.28	0.03	13.17	7.90	10.56	10.26	2.66	-2.71
POM	ORPI1	31.951	-112.802	-0.13	0.10	6.79	4.32	5.72	5.36	1.74	-2.43
POM	PASA1	48.388	-119.927	-0.11	0.81	16.55	14.40	21.14	15.42	16.04	-0.73
POM	PEFO1	35.078	-109.769	-0.09	0.40	9.21	7.44	8.98	8.32	2.72	-1.12
POM	PENO1	44.948	-68.648	-0.08	0.35	19.04	17.54	17.72	18.05	1.53	-0.44
POM	PINN1	36.483	-121.157	-0.17	0.48	13.80	10.49	13.20	12.14	3.97	-1.43
POM	PITT1	40.465	-79.961	-0.63	0.02	32.40	20.35	25.24	25.11	4.43	-2.53
POM	PMRF1	44.528	-72.869	-0.29	0.00	17.05	11.63	14.18	14.20	2.36	-2.01
POM	PORE1	38.122	-122.909	-0.15	0.09	10.02	7.23	9.12	8.63	2.63	-1.70
POM	PRIS1	46.696	-68.033	-0.44	0.00	19.06	10.75	15.56	14.69	3.40	-2.98
POM	QUCI1	39.943	-81.338	-0.28	0.00	19.12	13.76	16.50	16.30	2.33	-1.73

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
POM	QURE1	42.299	-72.335	-0.61	0.00	21.78	10.20	17.33	16.90	3.34	-3.61
POM	QUVA1	33.294	-111.286	-0.25	0.01	9.35	4.69	7.83	7.38	1.74	-3.32
POM	RAFA1	34.734	-120.007	-0.32	0.04	14.80	8.71	12.83	11.76	4.68	-2.73
POM	REDW1	41.561	-124.084	-0.24	0.09	11.38	6.77	10.68	9.07	5.68	-2.68
POM	ROMA1	32.941	-79.657	-0.39	0.00	23.49	16.06	20.21	19.78	3.30	-1.98
POM	ROMO1	40.278	-105.546	-0.08	0.48	11.46	9.98	11.62	10.72	3.05	-0.73
POM	SACR1	33.46	-104.404	-0.02	0.75	9.62	9.20	9.46	9.40	1.45	-0.23
POM	SAGA1	34.297	-118.028	-0.27	0.06	15.04	9.97	11.87	12.24	2.84	-2.18
POM	SAGO1	34.194	-116.913	-0.44	0.00	18.03	9.74	14.20	13.89	3.27	-3.14
POM	SAGU1	32.175	-110.737	-0.16	0.05	8.95	5.93	7.69	7.36	2.33	-2.16
POM	SAMA1	30.093	-84.161	-0.59	0.00	24.83	13.56	20.51	18.90	5.77	-3.14
POM	SAPE1	36.014	-106.845	-0.05	0.38	8.21	7.35	7.81	7.76	1.21	-0.59
POM	SAWE1	32.249	-111.218	-0.12	0.05	8.83	6.55	7.76	7.57	1.70	-1.59
POM	SAWT1	44.171	-114.927	0.13	0.75	18.97	21.53	28.40	20.32	18.21	0.66
POM	SENE1	46.289	-85.95	-0.36	0.01	18.20	11.39	14.64	14.79	3.13	-2.42
POM	SEQU1	36.489	-118.829	-0.48	0.24	31.15	22.05	29.60	26.60	9.96	-1.80
POM	SHEN1	38.523	-78.435	-0.21	0.08	18.71	14.67	16.68	16.69	3.03	-1.27
POM	SHMI1	37.304	-107.484	0.00	0.96	7.92	7.95	8.77	7.94	2.33	0.02
POM	SHRO1	35.394	-82.774	-0.40	0.00	19.42	11.79	16.63	15.81	3.41	-2.54
POM	SIAN1	34.091	-110.942	-0.41	0.01	12.81	5.09	10.53	9.76	2.75	-4.16
POM	SIME1	55.326	-160.506	-0.09	0.16	4.10	2.44	3.77	3.18	1.74	-2.76
POM	SIPS1	34.343	-87.339	-0.62	0.00	29.35	17.59	23.37	23.47	5.20	-2.64
POM	SNPA1	47.422	-121.426	-0.25	0.07	16.92	12.12	14.70	14.52	4.29	-1.74
POM	STAR1	45.225	-118.513	-0.53	0.04	23.27	13.19	19.94	18.23	6.95	-2.91
POM	SULA1	45.86	-114	-0.18	0.55	17.71	14.28	27.11	15.90	33.35	-1.14
POM	SWAN1	35.451	-76.207	-0.19	0.17	17.55	13.96	16.86	15.66	4.59	-1.21
POM	SYCA1	35.141	-111.969	-0.19	0.18	13.43	9.75	12.35	11.88	2.13	-1.63
POM	TALL1	38.434	-96.56	-0.32	0.10	20.74	14.57	17.97	17.17	3.26	-1.89
POM	THBA1	44.663	-105.287	0.13	0.59	11.23	13.65	15.18	12.76	6.42	1.00
POM	THRO1	46.895	-103.378	-0.02	0.90	12.85	12.55	12.57	12.70	3.00	-0.12
POM	THSI1	44.291	-122.043	-0.01	0.95	17.56	17.43	18.00	17.49	5.64	-0.04
POM	TONT1	33.655	-111.107	-0.22	0.03	10.75	6.59	9.11	8.67	2.34	-2.52
POM	TRCR1	62.315	-150.316	-0.06	0.79	7.16	6.05	7.83	6.55	3.82	-0.89
POM	TRIN1	40.786	-122.805	-0.39	0.47	22.44	15.06	36.19	19.14	61.63	-2.03
POM	ULBE1	47.582	-108.72	0.03	0.95	12.25	12.76	13.50	12.51	4.40	0.22
POM	UPBU1	35.826	-93.203	-0.46	0.00	23.63	14.86	20.19	19.25	4.04	-2.40
POM	VIIS1	18.336	-64.796	-0.01	0.62	2.41	2.30	2.49	2.36	0.93	-0.25

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
POM	VILA1	40.969	-95.045	-0.30	0.02	18.72	12.98	15.51	15.39	2.52	-1.96
POM	VOYA2	48.413	-92.829	-0.09	0.40	14.74	13.09	13.71	13.91	2.49	-0.62
POM	WEMI1	37.659	-107.8	0.01	0.85	8.14	8.41	8.88	8.28	2.71	0.17
POM	WHIT1	33.469	-105.535	-0.11	0.21	9.51	7.49	8.78	8.39	2.04	-1.27
POM	WHPA1	46.624	-121.388	0.01	0.90	9.45	9.56	10.83	9.50	5.53	0.06
POM	WHPE1	36.585	-105.452	-0.09	0.25	7.91	6.13	7.31	6.97	1.43	-1.34
POM	WHRI1	39.154	-106.821	-0.13	0.19	8.41	5.98	7.91	7.19	2.69	-1.77
POM	WICA1	43.558	-103.484	0.00	1.00	13.03	13.01	13.74	13.02	3.60	-0.01
POM	WIMO1	34.732	-98.713	-0.34	0.01	18.50	12.01	15.59	15.08	3.27	-2.27
POM	YELL2	44.565	-110.4	0.12	0.56	11.81	14.18	14.52	12.99	5.91	0.96
POM	YOSE1	37.713	-119.706	-0.27	0.52	23.81	18.69	29.68	21.25	29.11	-1.27
POM	ZICA1	37.198	-113.151	-0.11	0.32	9.19	7.02	8.20	7.94	1.89	-1.44
EC	ACAD1	44.377	-68.261	-0.13	0.00	4.02	1.49	3.14	2.75	0.92	-4.84
EC	AGTI1	33.464	-116.971	-0.30	0.00	6.87	1.23	5.05	4.05	1.88	-7.33
EC	BADL1	43.743	-101.941	-0.04	0.24	2.46	1.69	2.24	2.08	0.75	-1.94
EC	BALD1	34.058	-109.441	-0.06	0.03	2.42	1.20	1.97	1.78	0.64	-3.60
EC	BAND1	35.78	-106.266	-0.06	0.00	2.71	1.53	2.17	2.12	0.51	-2.91
EC	BIBE1	29.303	-103.178	-0.04	0.01	2.60	1.78	2.32	2.19	0.53	-1.97
EC	BLIS1	38.976	-120.103	-0.06	0.06	3.34	2.20	2.72	2.80	0.62	-2.14
EC	BOAP1	33.869	-106.852	-0.10	0.00	4.09	2.10	3.23	3.09	0.88	-3.39
EC	BOND1	40.052	-88.373	-0.20	0.00	8.27	4.48	6.15	6.28	1.39	-3.18
EC	BOWA1	47.947	-91.495	-0.07	0.00	3.41	2.04	2.80	2.72	0.67	-2.65
EC	BRCA1	37.618	-112.174	-0.05	0.16	2.40	1.39	1.90	1.89	0.66	-2.82
EC	BRID1	42.975	-109.758	-0.04	0.17	1.87	1.13	1.87	1.50	0.97	-2.61
EC	BRIG1	39.465	-74.449	-0.27	0.00	8.12	3.06	6.18	5.46	1.72	-4.88
EC	BRMA1	44.107	-70.729	-0.23	0.00	6.01	1.67	4.52	4.18	1.19	-5.46
EC	CABA1	43.833	-70.064	-0.22	0.00	8.36	4.26	6.12	6.20	1.39	-3.48
EC	CABI1	47.955	-115.671	0.04	0.55	2.37	3.04	2.78	2.72	0.77	1.29
EC	CACO1	41.976	-70.024	-0.19	0.00	5.85	2.19	4.11	3.92	1.20	-4.92
EC	CACR1	34.454	-94.143	-0.14	0.00	5.54	2.92	4.42	4.16	0.99	-3.32
EC	CANY1	38.459	-109.821	-0.04	0.00	1.83	1.02	1.52	1.42	0.36	-2.98
EC	CAPI1	38.302	-111.293	-0.04	0.02	1.87	1.10	1.52	1.45	0.44	-2.78
EC	CEBL1	38.77	-99.763	-0.11	0.00	3.99	1.82	2.76	2.73	0.71	-4.16
EC	CHAS1	28.748	-82.555	-0.18	0.00	8.96	5.54	7.58	7.25	1.69	-2.48
EC	CHIR1	32.009	-109.389	-0.03	0.02	1.78	1.14	1.51	1.46	0.38	-2.29
EC	COHU1	34.785	-84.627	-0.19	0.00	6.46	2.82	4.76	4.44	1.38	-4.31
EC	CORI1	45.664	-121.001	-0.15	0.00	6.54	3.73	5.31	5.13	1.15	-2.87

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
EC	CRLA1	42.896	-122.136	-0.05	0.25	3.21	2.17	4.00	2.67	3.17	-2.06
EC	CRMO1	43.46	-113.555	-0.01	0.70	1.78	1.67	2.05	1.72	0.92	-0.35
EC	DENA1	63.723	-148.967	-0.04	0.03	1.59	0.77	1.47	1.18	1.19	-3.65
EC	DOME1	35.728	-118.138	-0.12	0.01	4.25	1.90	3.40	3.01	1.10	-4.12
EC	DOSO1	39.105	-79.426	-0.16	0.00	5.19	2.19	4.15	3.69	1.24	-4.28
EC	EGBE1	44.231	-79.783	-0.17	0.00	7.61	4.45	5.60	5.53	0.95	-3.01
EC	EVER1	25.391	-80.681	-0.20	0.00	5.43	1.68	4.03	3.46	1.37	-5.71
EC	FLAT1	47.773	-114.269	-0.01	0.80	2.61	2.46	2.74	2.52	0.99	-0.31
EC	FOPE1	48.308	-105.102	0.01	0.68	2.24	2.40	2.36	2.34	0.56	0.37
EC	FRRE1	39.706	-79.012	-0.18	0.00	6.65	3.21	4.97	4.57	1.14	-3.96
EC	GAMO1	46.826	-111.711	0.00	0.92	1.80	1.76	2.32	1.78	1.54	-0.13
EC	GICL1	33.22	-108.235	-0.11	0.01	2.98	0.92	2.65	1.95	2.84	-5.54
EC	GLAC1	48.511	-113.997	-0.18	0.01	7.64	4.14	5.70	5.89	1.57	-3.13
EC	GRBA1	39.005	-114.216	-0.06	0.01	2.01	0.83	1.61	1.42	0.62	-4.36
EC	GRCA2	36.066	-112.154	-0.06	0.02	2.11	0.99	1.88	1.55	1.19	-3.80
EC	GRGU1	44.308	-71.218	-0.11	0.00	3.80	1.63	2.93	2.65	0.88	-4.30
EC	GRII1	43.937	-91.405	-0.14	0.00	5.77	3.08	4.37	4.21	0.94	-3.36
EC	GRSA1	37.725	-105.519	-0.04	0.01	2.10	1.41	1.86	1.76	0.44	-2.06
EC	GRSM1	35.633	-83.942	-0.21	0.00	6.39	2.46	4.90	4.42	1.50	-4.68
EC	GUMO1	31.833	-104.809	-0.02	0.33	2.05	1.68	1.86	1.87	0.33	-1.06
EC	HAVO1	19.431	-155.258	-0.03	0.01	1.15	0.51	0.82	0.81	0.27	-4.17
EC	HECA1	44.97	-116.844	-0.04	0.38	3.47	2.63	3.05	3.03	0.92	-1.46
EC	HEGL1	36.614	-92.922	-0.11	0.00	5.66	3.58	4.85	4.57	0.98	-2.40
EC	HOOV1	38.088	-119.177	0.00	0.97	2.05	2.06	2.21	2.05	1.13	0.03
EC	IKBA1	34.34	-111.683	-0.07	0.00	2.94	1.54	2.17	2.24	0.58	-3.31
EC	ISLE1	47.46	-88.149	-0.10	0.00	3.73	1.79	3.07	2.76	0.79	-3.69
EC	JARB1	41.893	-115.426	-0.01	0.85	1.74	1.56	1.86	1.65	0.94	-0.58
EC	JARI1	37.627	-79.512	-0.22	0.00	9.98	5.84	7.69	7.80	1.68	-2.80
EC	JOSH1	34.07	-116.389	-0.18	0.00	4.48	1.13	3.20	2.81	1.16	-6.28
EC	KAIS1	37.221	-119.155	-0.06	0.18	3.35	2.28	2.78	2.76	0.82	-2.04
EC	KALM1	42.552	-124.059	-0.08	0.10	3.79	2.35	4.01	3.07	3.82	-2.47
EC	LABE1	41.712	-121.507	-0.03	0.52	3.10	2.47	3.74	2.79	3.56	-1.18
EC	LASU2	40.693	-92.006	-0.15	0.02	6.46	3.54	4.76	4.62	1.12	-3.33
EC	LAVO1	40.54	-121.577	-0.02	0.44	3.17	2.70	3.75	2.94	2.64	-0.83
EC	LIGO1	35.972	-81.933	-0.20	0.00	6.85	3.10	5.15	4.97	1.45	-3.97
EC	LOST1	48.642	-102.402	0.03	0.33	2.80	3.44	3.19	3.12	0.71	1.08
EC	MACA1	37.132	-86.148	-0.20	0.00	7.31	3.46	5.83	5.38	1.52	-3.76

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
EC	MAVI1	41.331	-70.785	-0.17	0.00	5.27	2.08	3.72	3.42	1.19	-4.91
EC	MEAD1	36.019	-114.068	-0.06	0.00	2.09	0.86	1.51	1.38	0.52	-4.71
EC	MELA1	48.487	-104.476	0.01	0.60	2.35	2.45	2.51	2.40	0.58	0.22
EC	MEVE1	37.198	-108.491	-0.06	0.00	1.83	0.75	1.50	1.29	0.47	-4.42
EC	MING1	36.972	-90.143	-0.25	0.00	9.36	4.57	6.66	6.46	1.63	-3.91
EC	MOHO1	45.289	-121.784	-0.05	0.04	2.64	1.64	2.18	2.14	0.59	-2.44
EC	MOMO1	41.821	-73.297	-0.24	0.00	6.90	2.40	4.86	4.41	1.45	-5.37
EC	MONT1	47.122	-113.154	-0.01	0.75	2.99	2.75	3.40	2.86	1.61	-0.44
EC	MOOS1	45.126	-67.266	-0.16	0.00	4.24	1.24	3.00	2.74	1.00	-5.76
EC	MORA1	46.758	-122.124	-0.17	0.00	5.52	2.28	4.32	3.90	1.24	-4.36
EC	MOZI1	40.538	-106.677	-0.01	0.75	1.61	1.40	1.44	1.50	0.42	-0.73
EC	NEBR1	41.889	-100.339	-0.08	0.03	3.10	1.57	2.49	2.21	0.66	-3.62
EC	NOAB1	44.745	-109.382	-0.03	0.25	1.82	1.28	1.71	1.54	0.70	-1.87
EC	NOCA1	48.732	-121.065	-0.06	0.06	2.74	1.59	2.29	2.16	0.97	-2.79
EC	NOCH1	45.65	-106.557	-0.04	0.22	2.32	1.52	2.41	1.85	1.20	-2.27
EC	OKEF1	30.74	-82.128	-0.18	0.00	7.38	4.03	5.79	5.71	1.40	-3.09
EC	OLYM1	48.007	-122.973	-0.09	0.01	3.14	1.48	2.27	2.22	0.62	-3.93
EC	ORPI1	31.951	-112.802	-0.06	0.01	2.38	1.27	1.74	1.74	0.44	-3.37
EC	PASA1	48.388	-119.927	-0.05	0.42	2.57	1.59	2.86	2.05	2.06	-2.51
EC	PEFO1	35.078	-109.769	-0.09	0.00	4.08	2.30	3.08	3.19	0.72	-2.94
EC	PENO1	44.948	-68.648	-0.16	0.04	7.76	4.77	5.82	5.79	0.99	-2.71
EC	PINN1	36.483	-121.157	-0.14	0.01	5.45	2.74	4.13	4.09	1.23	-3.49
EC	PITT1	40.465	-79.961	-0.49	0.00	17.70	8.41	13.27	12.08	3.48	-4.05
EC	PMRF1	44.528	-72.869	-0.13	0.00	4.58	2.13	3.75	3.29	1.03	-3.92
EC	PORE1	38.122	-122.909	-0.15	0.00	3.92	1.10	2.71	2.51	1.04	-5.92
EC	PRIS1	46.696	-68.033	-0.18	0.00	6.18	2.73	4.66	4.36	1.19	-4.16
EC	QUCI1	39.943	-81.338	-0.14	0.00	7.50	4.80	6.29	6.08	1.03	-2.34
EC	QURE1	42.299	-72.335	-0.25	0.00	7.51	2.81	5.61	5.53	1.36	-4.48
EC	QUVA1	33.294	-111.286	-0.15	0.00	3.72	0.94	2.79	2.55	0.89	-5.74
EC	RAFA1	34.734	-120.007	-0.13	0.00	3.44	0.97	2.53	2.21	0.99	-5.88
EC	REDW1	41.561	-124.084	-0.06	0.05	2.12	0.97	1.61	1.55	0.68	-3.91
EC	ROMA1	32.941	-79.657	-0.17	0.00	6.76	3.45	5.70	5.11	1.64	-3.42
EC	ROMO1	40.278	-105.546	-0.05	0.04	2.67	1.71	2.22	2.19	0.61	-2.33
EC	SACR1	33.46	-104.404	-0.02	0.31	2.69	2.32	2.63	2.50	0.46	-0.78
EC	SAGA1	34.297	-118.028	-0.18	0.00	4.75	1.25	3.15	2.82	1.26	-6.53
EC	SAGO1	34.194	-116.913	-0.26	0.00	5.82	0.96	4.14	3.39	1.70	-7.56
EC	SAGU1	32.175	-110.737	-0.13	0.00	3.55	1.11	2.66	2.26	0.85	-5.66

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
EC	SAMA1	30.093	-84.161	-0.22	0.00	7.52	3.26	5.45	5.16	1.54	-4.34
EC	SAPE1	36.014	-106.845	-0.02	0.15	1.51	1.14	1.37	1.31	0.31	-1.50
EC	SAWE1	32.249	-111.218	-0.11	0.00	4.24	2.16	3.25	3.09	0.74	-3.54
EC	SAWT1	44.171	-114.927	0.02	0.75	3.18	3.56	3.85	3.38	1.93	0.60
EC	SENE1	46.289	-85.95	-0.11	0.00	4.31	2.17	3.61	3.24	0.96	-3.47
EC	SEQU1	36.489	-118.829	-0.19	0.00	6.83	3.15	5.44	4.99	1.77	-3.89
EC	SHEN1	38.523	-78.435	-0.21	0.00	6.02	2.07	4.55	4.05	1.27	-5.14
EC	SHMI1	37.304	-107.484	-0.03	0.26	1.78	1.21	1.59	1.42	0.47	-2.08
EC	SHRO1	35.394	-82.774	-0.12	0.02	4.09	1.84	3.50	3.02	1.16	-3.91
EC	SIAN1	34.091	-110.942	-0.10	0.01	3.74	1.91	2.84	3.02	0.68	-3.18
EC	SIME1	55.326	-160.506	-0.07	0.06	2.76	1.39	2.30	2.00	1.01	-3.59
EC	SIPS1	34.343	-87.339	-0.24	0.00	8.46	3.86	6.39	6.16	1.87	-3.93
EC	SNPA1	47.422	-121.426	-0.15	0.00	4.76	1.96	3.53	3.36	1.11	-4.38
EC	STAR1	45.225	-118.513	-0.19	0.01	4.81	1.21	3.70	3.01	1.76	-6.31
EC	SULA1	45.86	-114	-0.03	0.51	2.39	1.89	3.74	2.13	3.84	-1.23
EC	SWAN1	35.451	-76.207	-0.14	0.00	5.09	2.45	3.97	3.70	1.08	-3.75
EC	SYCA1	35.141	-111.969	-0.06	0.30	4.79	3.69	4.32	4.33	0.80	-1.34
EC	TALL1	38.434	-96.56	-0.11	0.04	5.52	3.34	4.76	4.26	1.07	-2.70
EC	THBA1	44.663	-105.287	-0.06	0.05	3.26	2.12	2.64	2.54	0.64	-2.38
EC	THRO1	46.895	-103.378	-0.05	0.04	3.14	2.17	2.67	2.66	0.55	-1.92
EC	THSI1	44.291	-122.043	-0.06	0.05	3.17	1.99	3.07	2.58	1.50	-2.41
EC	TONT1	33.655	-111.107	-0.08	0.00	3.10	1.49	2.47	2.29	0.70	-3.69
EC	TRCR1	62.315	-150.316	-0.03	0.04	1.32	0.70	1.19	0.98	0.61	-3.30
EC	TRIN1	40.786	-122.805	-0.09	0.32	4.19	2.52	4.60	3.45	4.98	-2.55
EC	ULBE1	47.582	-108.72	-0.01	0.80	1.95	1.82	2.02	1.89	0.58	-0.36
EC	UPBU1	35.826	-93.203	-0.12	0.00	5.36	3.16	4.45	4.26	1.01	-2.72
EC	VIIS1	18.336	-64.796	-0.07	0.00	1.75	0.41	1.38	1.12	0.59	-6.35
EC	VILA1	40.969	-95.045	-0.17	0.00	6.59	3.32	4.99	4.69	1.14	-3.67
EC	VOYA2	48.413	-92.829	-0.07	0.00	3.43	2.08	2.86	2.76	0.56	-2.58
EC	WEMI1	37.659	-107.8	-0.07	0.00	2.56	1.18	1.92	1.87	0.62	-3.88
EC	WHIT1	33.469	-105.535	-0.03	0.06	2.04	1.39	1.63	1.68	0.36	-2.03
EC	WHPA1	46.624	-121.388	-0.03	0.15	2.05	1.46	1.72	1.75	0.62	-1.77
EC	WHPE1	36.585	-105.452	-0.03	0.16	1.78	1.27	1.81	1.52	1.38	-1.77
EC	WHRI1	39.154	-106.821	-0.04	0.03	1.75	0.96	1.48	1.35	0.45	-3.07
EC	WICA1	43.558	-103.484	-0.03	0.27	2.65	2.03	2.28	2.34	0.58	-1.41
EC	WIMO1	34.732	-98.713	-0.10	0.00	4.93	2.96	4.05	3.90	0.93	-2.67
EC	YELL2	44.565	-110.4	-0.01	0.80	2.28	2.08	2.20	2.18	0.66	-0.49

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
EC	YOSE1	37.713	-119.706	-0.12	0.03	4.85	2.52	4.59	3.68	3.25	-3.33
EC	ZICA1	37.198	-113.151	-0.07	0.06	2.37	1.04	1.71	1.60	0.54	-4.38
FD	ACAD1	44.377	-68.261	-0.02	0.00	0.57	0.22	0.43	0.40	0.14	-4.62
FD	AGTI1	33.464	-116.971	-0.04	0.05	1.78	1.02	1.46	1.38	0.42	-2.88
FD	BADL1	43.743	-101.941	-0.02	0.17	1.58	1.20	1.41	1.39	0.28	-1.41
FD	BALD1	34.058	-109.441	-0.04	0.06	2.09	1.35	1.78	1.70	0.55	-2.30
FD	BAND1	35.78	-106.266	-0.02	0.56	1.84	1.53	1.72	1.68	0.58	-0.97
FD	BIBE1	29.303	-103.178	-0.04	0.22	3.28	2.60	3.12	2.94	0.86	-1.21
FD	BLIS1	38.976	-120.103	-0.01	0.42	1.23	0.95	1.06	1.10	0.26	-1.34
FD	BOAP1	33.869	-106.852	-0.03	0.56	2.76	2.15	2.51	2.46	0.91	-1.31
FD	BOND1	40.052	-88.373	-0.04	0.00	1.47	0.77	1.08	1.10	0.27	-3.35
FD	BOWA1	47.947	-91.495	-0.03	0.00	0.91	0.39	0.65	0.65	0.26	-4.22
FD	BRCA1	37.618	-112.174	-0.01	0.48	1.54	1.32	1.51	1.43	0.44	-0.83
FD	BRID1	42.975	-109.758	-0.02	0.02	1.33	0.91	1.13	1.12	0.27	-2.00
FD	BRIG1	39.465	-74.449	-0.03	0.00	1.10	0.45	0.79	0.78	0.28	-4.38
FD	BRMA1	44.107	-70.729	-0.03	0.01	0.74	0.20	0.54	0.51	0.20	-5.52
FD	CABA1	43.833	-70.064	-0.03	0.00	0.71	0.22	0.51	0.45	0.23	-5.71
FD	CABI1	47.955	-115.671	-0.03	0.03	1.47	0.81	1.21	1.12	0.31	-3.10
FD	CACO1	41.976	-70.024	-0.03	0.00	0.79	0.30	0.56	0.54	0.20	-4.81
FD	CACR1	34.454	-94.143	0.01	0.65	1.70	1.92	1.87	1.81	0.66	0.64
FD	CANY1	38.459	-109.821	-0.01	0.56	1.75	1.53	1.73	1.64	0.53	-0.71
FD	CAPI1	38.302	-111.293	-0.05	0.21	2.10	1.22	1.77	1.61	0.53	-2.88
FD	CEBL1	38.77	-99.763	0.00	0.80	2.02	1.95	2.10	1.98	0.58	-0.19
FD	CHAS1	28.748	-82.555	0.03	0.24	1.64	2.22	1.94	1.96	0.46	1.56
FD	CHIR1	32.009	-109.389	-0.04	0.10	3.08	2.29	2.62	2.68	0.55	-1.56
FD	COHU1	34.785	-84.627	-0.05	0.01	1.61	0.74	1.12	1.13	0.38	-4.07
FD	CORI1	45.664	-121.001	0.01	0.70	2.66	2.78	2.89	2.73	1.02	0.23
FD	CRLA1	42.896	-122.136	-0.03	0.01	1.26	0.76	0.92	0.98	0.22	-2.65
FD	CRMO1	43.46	-113.555	-0.02	0.07	1.59	1.21	1.55	1.40	0.63	-1.41
FD	DENA1	63.723	-148.967	0.00	0.48	0.37	0.30	0.36	0.33	0.12	-1.05
FD	DOME1	35.728	-118.138	0.01	0.46	2.08	2.32	2.25	2.21	0.45	0.59
FD	DOSO1	39.105	-79.426	-0.03	0.00	1.17	0.58	0.86	0.88	0.29	-3.55
FD	EGBE1	44.231	-79.783	-0.05	0.00	1.15	0.26	0.65	0.57	0.21	-8.31
FD	EVER1	25.391	-80.681	0.02	0.55	3.06	3.38	3.36	3.23	1.20	0.52
FD	FLAT1	47.773	-114.269	-0.01	0.25	1.09	0.88	1.01	0.97	0.20	-1.18
FD	FOPE1	48.308	-105.102	-0.01	0.46	1.45	1.33	1.45	1.38	0.32	-0.48
FD	FRRE1	39.706	-79.012	-0.04	0.00	1.22	0.38	0.78	0.71	0.33	-6.27

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
FD	GAMO1	46.826	-111.711	-0.02	0.02	1.02	0.64	0.91	0.83	0.21	-2.42
FD	GICL1	33.22	-108.235	-0.05	0.06	2.48	1.56	2.00	2.02	0.59	-2.40
FD	GLAC1	48.511	-113.997	-0.02	0.24	2.10	1.68	1.86	1.89	0.39	-1.16
FD	GRBA1	39.005	-114.216	-0.01	0.70	1.69	1.59	1.56	1.64	0.37	-0.32
FD	GRCA2	36.066	-112.154	0.01	0.48	1.34	1.60	1.53	1.47	0.45	0.92
FD	GRGU1	44.308	-71.218	-0.02	0.00	0.61	0.15	0.45	0.37	0.18	-6.67
FD	GRII1	43.937	-91.405	-0.03	0.00	1.19	0.66	0.92	0.89	0.25	-3.14
FD	GRSA1	37.725	-105.519	-0.07	0.03	3.50	2.17	2.73	2.84	0.81	-2.46
FD	GRSM1	35.633	-83.942	-0.03	0.02	1.32	0.77	1.03	1.05	0.30	-2.77
FD	GUMO1	31.833	-104.809	0.03	0.33	3.31	3.97	4.34	3.64	1.54	0.96
FD	HAVO1	19.431	-155.258	-0.01	0.02	0.51	0.28	0.50	0.39	0.32	-3.19
FD	HECA1	44.97	-116.844	-0.03	0.03	1.40	0.91	1.26	1.15	0.37	-2.26
FD	HEGL1	36.614	-92.922	-0.03	0.12	1.88	1.28	1.49	1.56	0.42	-2.04
FD	HOOV1	38.088	-119.177	-0.02	0.21	1.58	1.18	1.36	1.35	0.30	-1.55
FD	IKBA1	34.34	-111.683	-0.04	0.24	3.06	2.38	2.69	2.72	0.86	-1.32
FD	ISLE1	47.46	-88.149	-0.02	0.00	0.68	0.35	0.52	0.51	0.15	-3.37
FD	JARB1	41.893	-115.426	-0.02	0.30	2.96	2.58	2.77	2.77	0.64	-0.73
FD	JARI1	37.627	-79.512	-0.04	0.00	1.25	0.51	0.84	0.86	0.27	-4.53
FD	JOSH1	34.07	-116.389	-0.02	0.40	2.21	1.91	2.10	2.06	0.46	-0.75
FD	KAIS1	37.221	-119.155	-0.01	0.52	1.54	1.39	1.45	1.45	0.27	-0.55
FD	KALM1	42.552	-124.059	0.00	0.60	0.52	0.45	0.49	0.49	0.10	-0.71
FD	LABE1	41.712	-121.507	-0.01	0.04	1.12	0.86	1.03	0.99	0.18	-1.39
FD	LASU2	40.693	-92.006	0.01	0.80	1.19	1.30	1.27	1.26	0.23	0.47
FD	LAVO1	40.54	-121.577	-0.03	0.03	1.38	0.83	1.13	1.11	0.33	-2.60
FD	LIGO1	35.972	-81.933	-0.03	0.03	1.17	0.68	0.91	0.93	0.30	-2.79
FD	LOST1	48.642	-102.402	0.01	0.44	1.33	1.56	1.54	1.44	0.43	0.82
FD	MACA1	37.132	-86.148	-0.04	0.01	1.42	0.68	1.03	1.05	0.33	-3.69
FD	MAVI1	41.331	-70.785	-0.02	0.00	0.82	0.36	0.58	0.55	0.18	-4.43
FD	MEAD1	36.019	-114.068	-0.01	0.56	2.85	2.74	2.60	2.79	0.62	-0.21
FD	MELA1	48.487	-104.476	0.03	0.15	1.36	1.87	1.72	1.61	0.49	1.67
FD	MEVE1	37.198	-108.491	-0.07	0.02	2.64	1.29	2.20	1.97	1.07	-3.61
FD	MING1	36.972	-90.143	-0.04	0.22	2.70	1.99	2.57	2.33	0.84	-1.60
FD	MOHO1	45.289	-121.784	0.00	0.90	0.77	0.76	0.83	0.77	0.32	-0.11
FD	MOMO1	41.821	-73.297	-0.04	0.00	0.97	0.30	0.62	0.60	0.23	-5.88
FD	MONT1	47.122	-113.154	-0.01	0.65	1.70	1.50	1.78	1.60	0.74	-0.66
FD	MOOS1	45.126	-67.266	-0.02	0.00	0.56	0.24	0.41	0.40	0.14	-4.28
FD	MORA1	46.758	-122.124	-0.02	0.01	0.70	0.40	0.53	0.55	0.15	-2.88

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
FD	MOZI1	40.538	-106.677	-0.02	0.10	1.24	0.86	1.12	1.04	0.29	-1.92
FD	NEBR1	41.889	-100.339	0.01	0.72	1.34	1.47	1.49	1.42	0.55	0.51
FD	NOAB1	44.745	-109.382	-0.03	0.05	1.32	0.82	1.10	1.06	0.35	-2.47
FD	NOCA1	48.732	-121.065	-0.01	0.14	0.48	0.36	0.44	0.42	0.14	-1.45
FD	NOCH1	45.65	-106.557	-0.01	0.12	1.25	0.99	1.16	1.10	0.28	-1.27
FD	OKEF1	30.74	-82.128	0.02	0.33	1.51	1.81	1.63	1.66	0.48	0.95
FD	OLYM1	48.007	-122.973	-0.01	0.04	0.41	0.24	0.33	0.31	0.08	-2.81
FD	ORPI1	31.951	-112.802	-0.06	0.14	3.68	2.61	3.19	3.06	0.77	-1.83
FD	PASA1	48.388	-119.927	-0.01	0.20	0.81	0.66	0.82	0.73	0.33	-1.06
FD	PEFO1	35.078	-109.769	-0.05	0.01	2.77	1.82	2.36	2.29	0.49	-2.17
FD	PENO1	44.948	-68.648	-0.03	0.04	0.98	0.46	0.67	0.64	0.22	-4.24
FD	PINN1	36.483	-121.157	0.00	0.44	0.94	0.87	0.94	0.90	0.16	-0.43
FD	PMRF1	44.528	-72.869	-0.02	0.00	0.71	0.28	0.50	0.49	0.17	-4.68
FD	PORE1	38.122	-122.909	0.00	0.75	0.43	0.42	0.46	0.43	0.13	-0.23
FD	PRIS1	46.696	-68.033	-0.03	0.00	1.33	0.70	1.10	1.00	0.47	-3.34
FD	QUCI1	39.943	-81.338	-0.04	0.00	1.36	0.64	0.95	0.98	0.28	-3.84
FD	QURE1	42.299	-72.335	-0.03	0.05	0.96	0.47	0.70	0.75	0.18	-3.37
FD	QUVA1	33.294	-111.286	-0.02	0.46	3.68	3.21	3.56	3.48	0.90	-0.70
FD	RAFA1	34.734	-120.007	-0.01	0.14	1.61	1.40	1.56	1.51	0.27	-0.75
FD	REDW1	41.561	-124.084	0.00	0.27	0.38	0.30	0.34	0.34	0.08	-1.17
FD	ROMA1	32.941	-79.657	0.01	0.56	1.06	1.34	1.22	1.20	0.28	1.20
FD	ROMO1	40.278	-105.546	-0.05	0.00	2.22	1.20	1.67	1.71	0.47	-3.14
FD	SACR1	33.46	-104.404	-0.04	0.51	3.31	2.61	3.69	2.94	1.82	-1.26
FD	SAGA1	34.297	-118.028	-0.02	0.32	1.61	1.28	1.45	1.43	0.32	-1.22
FD	SAGO1	34.194	-116.913	-0.03	0.01	1.74	1.09	1.52	1.42	0.36	-2.43
FD	SAGU1	32.175	-110.737	-0.11	0.00	4.83	2.71	3.92	3.71	1.30	-3.01
FD	SAMA1	30.093	-84.161	-0.01	0.65	1.71	1.55	1.75	1.63	0.55	-0.51
FD	SAPE1	36.014	-106.845	-0.03	0.25	2.04	1.44	1.86	1.72	0.60	-1.82
FD	SAWE1	32.249	-111.218	-0.20	0.01	6.49	2.61	5.00	4.35	1.44	-4.70
FD	SAWT1	44.171	-114.927	-0.02	0.10	1.31	0.93	1.13	1.12	0.30	-1.78
FD	SENE1	46.289	-85.95	-0.02	0.00	0.81	0.38	0.53	0.60	0.17	-3.77
FD	SEQU1	36.489	-118.829	0.02	0.33	2.09	2.40	2.26	2.24	0.43	0.72
FD	SHEN1	38.523	-78.435	-0.03	0.00	1.05	0.45	0.79	0.75	0.28	-4.22
FD	SHMI1	37.304	-107.484	-0.02	0.73	3.25	2.95	3.09	3.06	0.66	-0.53
FD	SHRO1	35.394	-82.774	-0.03	0.01	1.31	0.64	1.10	0.97	0.51	-3.59
FD	SIAN1	34.091	-110.942	-0.06	0.18	3.17	2.09	2.64	2.77	0.61	-2.06
FD	SIME1	55.326	-160.506	-0.01	0.00	0.30	0.16	0.25	0.22	0.08	-3.43

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
FD	SIPS1	34.343	-87.339	-0.02	0.15	1.40	1.04	1.24	1.22	0.41	-1.58
FD	SNPA1	47.422	-121.426	0.00	0.27	0.59	0.51	0.53	0.55	0.11	-0.79
FD	STAR1	45.225	-118.513	-0.04	0.01	1.78	1.10	1.44	1.44	0.41	-2.50
FD	SULA1	45.86	-114	-0.02	0.00	1.06	0.62	0.87	0.85	0.24	-2.74
FD	SWAN1	35.451	-76.207	-0.03	0.08	1.19	0.70	0.95	0.92	0.35	-2.79
FD	SYCA1	35.141	-111.969	-0.18	0.03	7.95	4.44	7.09	6.47	1.73	-2.86
FD	TALL1	38.434	-96.56	-0.01	0.74	1.59	1.49	1.66	1.54	0.33	-0.34
FD	THBA1	44.663	-105.287	-0.05	0.05	2.58	1.59	1.97	1.98	0.60	-2.61
FD	THRO1	46.895	-103.378	-0.03	0.07	1.78	1.28	1.58	1.53	0.36	-1.71
FD	THSI1	44.291	-122.043	0.03	0.03	0.76	1.33	1.30	1.05	0.98	2.87
FD	TONT1	33.655	-111.107	-0.04	0.27	3.60	2.76	3.15	3.18	0.79	-1.39
FD	TRCR1	62.315	-150.316	-0.01	0.24	0.42	0.28	0.38	0.34	0.14	-2.19
FD	TRIN1	40.786	-122.805	-0.02	0.09	1.24	0.79	1.03	1.04	0.30	-2.29
FD	ULBE1	47.582	-108.72	-0.02	0.07	1.34	0.98	1.18	1.16	0.33	-1.65
FD	UPBU1	35.826	-93.203	-0.02	0.24	2.01	1.55	1.77	1.78	0.43	-1.36
FD	VIIS1	18.336	-64.796	-0.08	0.74	8.30	6.86	7.75	7.62	1.98	-0.99
FD	VILA1	40.969	-95.045	-0.02	0.01	1.64	1.32	1.44	1.45	0.21	-1.18
FD	VOYA2	48.413	-92.829	-0.01	0.02	0.70	0.46	0.59	0.58	0.16	-2.17
FD	WEMI1	37.659	-107.8	0.00	1.00	1.48	1.45	1.51	1.47	0.50	-0.09
FD	WHIT1	33.469	-105.535	-0.05	0.27	2.70	1.79	2.45	2.20	0.99	-2.17
FD	WHPA1	46.624	-121.388	-0.01	0.22	0.64	0.49	0.60	0.57	0.19	-1.42
FD	WHPE1	36.585	-105.452	-0.04	0.08	2.13	1.33	1.69	1.71	0.42	-2.46
FD	WHRI1	39.154	-106.821	0.00	0.85	1.51	1.46	1.40	1.48	0.38	-0.15
FD	WICA1	43.558	-103.484	-0.02	0.24	1.44	1.15	1.37	1.30	0.27	-1.19
FD	WIMO1	34.732	-98.713	0.06	0.15	1.50	2.63	2.39	2.10	1.07	2.83
FD	YELL2	44.565	-110.4	-0.02	0.15	1.00	0.71	0.85	0.86	0.22	-1.79
FD	YOSE1	37.713	-119.706	0.00	0.65	1.19	1.24	1.23	1.22	0.26	0.25
FD	ZICA1	37.198	-113.151	-0.01	0.68	2.07	1.92	2.13	1.98	0.56	-0.38
CM	ACAD1	44.377	-68.261	0.02	0.33	2.87	3.18	3.06	3.02	0.41	0.54
CM	AGTI1	33.464	-116.971	-0.07	0.22	9.17	7.78	8.67	8.44	1.36	-0.87
CM	BADL1	43.743	-101.941	-0.12	0.02	7.72	5.42	6.74	6.57	1.33	-1.84
CM	BALD1	34.058	-109.441	-0.05	0.05	3.98	3.05	3.70	3.49	0.80	-1.40
CM	BAND1	35.78	-106.266	0.00	0.85	3.75	3.83	4.16	3.79	1.11	0.12
CM	BIBE1	29.303	-103.178	-0.11	0.27	8.22	6.21	7.97	7.22	2.59	-1.46
CM	BLIS1	38.976	-120.103	0.07	0.00	2.03	3.39	2.72	2.67	0.48	2.68
CM	BOAP1	33.869	-106.852	-0.14	0.15	7.51	4.84	7.22	6.18	2.66	-2.28
CM	BOND1	40.052	-88.373	0.06	0.28	7.27	8.50	7.92	7.92	1.23	0.82

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
CM	BOWA1	47.947	-91.495	0.00	0.90	3.34	3.38	3.36	3.36	0.55	0.06
CM	BRCA1	37.618	-112.174	0.00	0.95	3.53	3.54	3.59	3.54	0.62	0.02
CM	BRID1	42.975	-109.758	-0.01	0.60	2.56	2.31	2.44	2.44	0.39	-0.54
CM	BRIG1	39.465	-74.449	0.03	0.80	8.20	8.85	11.07	8.53	6.11	0.40
CM	BRMA1	44.107	-70.729	-0.01	0.59	2.58	2.32	2.57	2.47	0.32	-0.54
CM	CABA1	43.833	-70.064	0.02	0.22	3.29	3.71	3.83	3.51	0.72	0.63
CM	CABI1	47.955	-115.671	-0.03	0.22	3.81	3.24	3.47	3.51	0.56	-0.87
CM	CACO1	41.976	-70.024	-0.01	0.81	5.35	5.15	5.30	5.24	0.64	-0.21
CM	CACR1	34.454	-94.143	0.02	0.81	6.21	6.51	6.40	6.37	1.09	0.25
CM	CANY1	38.459	-109.821	-0.01	0.85	4.40	4.29	4.32	4.34	0.72	-0.12
CM	CAPI1	38.302	-111.293	0.03	0.38	3.65	4.23	4.03	3.97	0.66	0.77
CM	CEBL1	38.77	-99.763	0.08	0.32	8.83	10.31	10.16	9.69	1.82	0.81
CM	CHAS1	28.748	-82.555	0.00	0.85	5.48	5.40	5.50	5.44	0.81	-0.07
CM	CHIR1	32.009	-109.389	0.04	0.30	7.82	8.64	7.60	8.23	2.01	0.53
CM	COHU1	34.785	-84.627	0.07	0.04	3.06	4.42	3.92	3.81	0.72	1.88
CM	CORI1	45.664	-121.001	0.37	0.10	10.06	17.06	15.46	13.75	5.18	2.68
CM	CRLA1	42.896	-122.136	-0.04	0.03	2.26	1.50	1.83	1.84	0.36	-2.19
CM	CRMO1	43.46	-113.555	-0.03	0.25	4.67	4.07	4.47	4.36	1.12	-0.72
CM	DENA1	63.723	-148.967	0.04	0.04	1.27	2.01	1.71	1.64	0.46	2.37
CM	DOME1	35.728	-118.138	0.16	0.12	10.65	13.70	12.29	12.26	2.11	1.31
CM	DOSO1	39.105	-79.426	0.01	0.56	2.67	2.89	3.07	2.78	0.65	0.42
CM	EGBE1	44.231	-79.783	-0.01	0.70	5.23	5.06	5.06	5.11	0.66	-0.18
CM	EVER1	25.391	-80.681	0.10	0.05	6.08	8.07	7.40	7.12	1.88	1.47
CM	FLAT1	47.773	-114.269	0.02	0.80	3.40	3.77	3.73	3.61	0.78	0.54
CM	FOPE1	48.308	-105.102	0.03	0.46	6.28	6.89	6.59	6.63	0.70	0.49
CM	FRRE1	39.706	-79.012	0.02	0.47	3.30	3.72	3.82	3.55	0.81	0.61
CM	GAMO1	46.826	-111.711	0.01	0.73	2.09	2.21	2.19	2.15	0.26	0.28
CM	GICL1	33.22	-108.235	0.00	0.95	3.31	3.36	3.54	3.34	0.86	0.08
CM	GLAC1	48.511	-113.997	-0.01	0.85	8.03	7.90	8.08	7.96	2.09	-0.08
CM	GRBA1	39.005	-114.216	0.01	0.80	3.75	3.97	3.86	3.86	0.59	0.31
CM	GRCA2	36.066	-112.154	-0.09	0.01	4.19	2.49	3.42	3.43	0.74	-2.61
CM	GRGU1	44.308	-71.218	-0.02	0.14	3.40	3.00	3.25	3.19	0.45	-0.65
CM	GRII1	43.937	-91.405	-0.15	0.14	8.74	5.98	7.10	7.14	1.69	-2.04
CM	GRSA1	37.725	-105.519	-0.21	0.01	7.09	3.01	5.39	5.05	2.13	-4.25
CM	GRSM1	35.633	-83.942	0.00	0.90	4.02	4.09	4.08	4.06	0.60	0.09
CM	GUMO1	31.833	-104.809	-0.25	0.15	13.24	8.56	12.91	10.90	5.39	-2.26
CM	HAVO1	19.431	-155.258	0.03	0.07	1.48	2.00	1.78	1.75	0.29	1.56

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
CM	HECA1	44.97	-116.844	-0.02	0.65	4.43	4.12	4.35	4.27	0.63	-0.38
CM	HEGL1	36.614	-92.922	0.04	0.60	5.01	5.78	5.68	5.42	1.01	0.75
CM	HOOV1	38.088	-119.177	-0.02	0.34	3.27	2.83	3.16	3.03	0.61	-0.77
CM	IKBA1	34.34	-111.683	-0.06	0.22	6.44	5.37	6.23	5.91	1.55	-0.95
CM	ISLE1	47.46	-88.149	-0.08	0.04	4.71	3.15	4.16	3.93	0.94	-2.08
CM	JARB1	41.893	-115.426	0.00	1.00	5.73	5.70	5.85	5.72	0.99	-0.03
CM	JARI1	37.627	-79.512	-0.04	0.20	3.92	3.18	3.55	3.53	0.63	-1.11
CM	JOSH1	34.07	-116.389	-0.07	0.24	8.81	7.47	8.06	8.14	1.25	-0.86
CM	KAIS1	37.221	-119.155	0.10	0.08	4.33	6.20	5.52	5.37	0.94	1.84
CM	KALM1	42.552	-124.059	0.00	0.80	2.59	2.65	2.61	2.62	0.40	0.12
CM	LABE1	41.712	-121.507	0.00	1.00	2.98	2.98	3.05	2.98	0.35	0.00
CM	LASU2	40.693	-92.006	0.23	0.08	6.25	10.66	9.46	9.04	1.73	2.57
CM	LAVO1	40.54	-121.577	0.03	0.36	2.81	3.47	3.20	3.14	0.77	1.10
CM	LIGO1	35.972	-81.933	0.01	0.65	3.02	3.22	3.09	3.13	0.38	0.34
CM	LOST1	48.642	-102.402	0.00	1.00	8.46	8.40	8.75	8.43	1.53	-0.03
CM	MACA1	37.132	-86.148	0.02	0.60	3.81	4.10	3.95	3.96	0.61	0.38
CM	MAVI1	41.331	-70.785	0.37	0.00	2.92	10.01	8.86	7.03	4.47	5.31
CM	MEAD1	36.019	-114.068	-0.01	0.93	6.40	6.30	6.56	6.34	1.07	-0.08
CM	MELA1	48.487	-104.476	-0.01	0.85	7.81	7.65	7.91	7.73	1.07	-0.11
CM	MEVE1	37.198	-108.491	-0.07	0.17	4.45	3.21	4.48	3.83	2.40	-1.71
CM	MING1	36.972	-90.143	0.03	0.81	9.85	10.35	10.56	10.11	2.20	0.26
CM	MOHO1	45.289	-121.784	0.03	0.36	2.31	2.79	2.53	2.55	0.83	0.99
CM	MOMO1	41.821	-73.297	-0.01	0.62	3.47	3.21	3.28	3.32	0.68	-0.42
CM	MONT1	47.122	-113.154	0.07	0.31	3.24	4.61	4.24	3.96	1.32	1.83
CM	MOOS1	45.126	-67.266	-0.03	0.04	2.65	2.15	2.40	2.40	0.42	-1.11
CM	MORA1	46.758	-122.124	-0.01	0.60	2.73	2.52	2.71	2.62	0.77	-0.42
CM	MOZI1	40.538	-106.677	-0.09	0.03	3.57	1.94	3.06	2.71	0.91	-3.17
CM	NEBR1	41.889	-100.339	-0.03	0.59	6.98	6.40	6.82	6.63	1.25	-0.46
CM	NOAB1	44.745	-109.382	-0.09	0.00	4.24	2.45	3.44	3.39	0.67	-2.79
CM	NOCA1	48.732	-121.065	0.00	0.95	1.79	1.80	1.93	1.80	0.46	0.03
CM	NOCH1	45.65	-106.557	-0.02	0.74	4.78	4.32	4.61	4.51	1.08	-0.55
CM	OKEF1	30.74	-82.128	0.06	0.19	4.59	5.80	5.27	5.19	1.24	1.23
CM	OLYM1	48.007	-122.973	-0.02	0.10	1.99	1.53	1.82	1.74	0.30	-1.39
CM	ORPI1	31.951	-112.802	0.09	0.19	7.63	9.41	8.76	8.66	2.17	1.09
CM	PASA1	48.388	-119.927	0.03	0.13	2.02	2.68	2.56	2.37	0.72	1.48
CM	PEFO1	35.078	-109.769	-0.02	0.75	5.65	5.36	6.10	5.50	2.47	-0.28
CM	PENO1	44.948	-68.648	0.04	0.70	4.74	5.49	5.50	5.23	1.45	0.75

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CM	PINN1	36.483	-121.157	0.02	0.60	6.04	6.36	6.19	6.20	0.68	0.28
CM	PMRF1	44.528	-72.869	-0.03	0.05	2.66	2.12	2.39	2.38	0.32	-1.19
CM	PORE1	38.122	-122.909	-0.08	0.27	9.70	8.19	9.11	8.95	1.31	-0.89
CM	PRIS1	46.696	-68.033	-0.07	0.22	7.44	6.04	7.01	6.70	1.42	-1.09
CM	QUCI1	39.943	-81.338	0.04	0.51	5.19	5.94	5.58	5.58	1.52	0.70
CM	QURE1	42.299	-72.335	-0.04	0.26	3.32	2.59	2.90	3.01	0.46	-1.28
CM	QUVA1	33.294	-111.286	-0.03	0.88	10.39	9.76	10.48	10.13	2.33	-0.33
CM	RAFA1	34.734	-120.007	0.02	0.60	8.37	8.80	8.76	8.58	0.89	0.27
CM	REDW1	41.561	-124.084	0.06	0.08	4.03	5.12	4.67	4.58	0.84	1.25
CM	ROMA1	32.941	-79.657	0.02	0.40	5.85	6.31	6.23	6.08	0.97	0.39
CM	ROMO1	40.278	-105.546	-0.06	0.10	4.81	3.67	4.53	4.24	1.49	-1.42
CM	SACR1	33.46	-104.404	0.12	0.31	11.74	14.09	13.92	12.98	4.31	0.96
CM	SAGA1	34.297	-118.028	0.00	0.93	6.02	5.95	6.17	5.98	0.97	-0.07
CM	SAGO1	34.194	-116.913	-0.14	0.01	7.77	5.21	6.78	6.49	1.35	-2.08
CM	SAGU1	32.175	-110.737	-0.01	0.86	8.27	8.11	8.15	8.19	1.38	-0.10
CM	SAMA1	30.093	-84.161	0.03	0.20	4.34	4.92	4.73	4.64	0.65	0.65
CM	SAPE1	36.014	-106.845	0.00	0.86	2.82	2.73	3.02	2.77	0.86	-0.17
CM	SAWE1	32.249	-111.218	-0.03	0.85	11.74	11.08	11.47	11.37	1.87	-0.30
CM	SAWT1	44.171	-114.927	-0.01	0.86	2.56	2.43	2.66	2.49	0.62	-0.27
CM	SENE1	46.289	-85.95	0.01	0.85	2.76	2.87	2.76	2.81	0.50	0.22
CM	SEQU1	36.489	-118.829	0.08	0.33	10.52	11.96	11.92	11.24	1.86	0.67
CM	SHEN1	38.523	-78.435	0.02	0.40	3.23	3.63	3.74	3.43	0.99	0.61
CM	SHMI1	37.304	-107.484	-0.05	0.26	7.01	6.06	6.40	6.41	0.66	-0.78
CM	SHRO1	35.394	-82.774	0.08	0.04	2.20	3.75	3.11	3.02	1.02	2.70
CM	SIAN1	34.091	-110.942	-0.16	0.14	6.25	3.16	5.51	5.11	1.29	-3.18
CM	SIME1	55.326	-160.506	-0.08	0.06	5.67	4.24	5.00	4.88	0.73	-1.54
CM	SIPS1	34.343	-87.339	-0.06	0.01	5.10	3.95	4.58	4.53	0.63	-1.34
CM	SNPA1	47.422	-121.426	0.02	0.17	1.72	2.12	1.93	1.92	0.36	1.09
CM	STAR1	45.225	-118.513	-0.09	0.01	5.91	4.23	5.09	5.07	1.06	-1.74
CM	SULA1	45.86	-114	-0.02	0.51	2.99	2.64	2.91	2.80	0.82	-0.66
CM	SWAN1	35.451	-76.207	0.01	0.74	5.29	5.48	5.44	5.40	0.85	0.19
CM	SYCA1	35.141	-111.969	0.19	0.22	8.89	12.57	10.97	10.44	2.01	1.86
CM	TALL1	38.434	-96.56	0.11	0.10	7.09	9.18	8.44	8.30	1.41	1.33
CM	THBA1	44.663	-105.287	-0.08	0.18	7.36	5.84	6.75	6.44	1.33	-1.25
CM	THRO1	46.895	-103.378	-0.06	0.12	8.14	7.02	7.68	7.58	1.08	-0.78
CM	THSI1	44.291	-122.043	0.15	0.01	3.21	6.15	5.72	4.68	4.22	3.30
CM	TONT1	33.655	-111.107	0.00	0.95	7.96	8.03	7.76	7.99	1.45	0.05

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CM	TRCR1	62.315	-150.316	0.01	0.31	1.91	2.13	2.18	2.03	0.57	0.59
CM	TRIN1	40.786	-122.805	0.02	0.59	3.39	3.86	3.53	3.60	0.84	0.68
CM	ULBE1	47.582	-108.72	-0.05	0.17	5.44	4.51	5.26	4.97	1.18	-0.98
CM	UPBU1	35.826	-93.203	-0.32	0.01	9.90	3.73	7.46	6.82	2.63	-4.77
CM	VIIS1	18.336	-64.796	0.15	0.25	15.28	18.08	16.31	16.61	2.54	0.89
CM	VILA1	40.969	-95.045	-0.04	0.74	11.68	10.88	11.49	11.22	1.76	-0.37
CM	VOYA2	48.413	-92.829	0.00	0.85	3.46	3.51	3.58	3.48	0.59	0.08
CM	WEMI1	37.659	-107.8	-0.03	0.33	3.11	2.61	2.96	2.86	0.70	-0.92
CM	WHIT1	33.469	-105.535	-0.06	0.57	6.79	5.68	7.24	6.17	3.69	-0.94
CM	WHPA1	46.624	-121.388	0.00	0.85	2.14	2.05	2.25	2.10	0.72	-0.21
CM	WHPE1	36.585	-105.452	-0.02	0.62	3.00	2.52	2.88	2.75	0.85	-0.91
CM	WHRI1	39.154	-106.821	-0.08	0.00	3.27	1.75	2.54	2.51	0.62	-3.17
CM	WICA1	43.558	-103.484	-0.04	0.25	5.05	4.31	4.71	4.70	0.77	-0.83
CM	WIMO1	34.732	-98.713	0.02	0.86	7.78	8.23	8.37	8.02	1.53	0.29
CM	YELL2	44.565	-110.4	-0.02	0.27	2.94	2.63	2.68	2.78	0.44	-0.59
CM	YOSE1	37.713	-119.706	0.10	0.01	4.39	6.31	5.41	5.35	1.21	1.88
CM	ZICA1	37.198	-113.151	-0.06	0.28	6.51	5.40	5.75	5.87	1.05	-1.00
Aerosol bext	ACAD1	44.377	-68.261	-3.33	0.00	79.81	16.52	54.80	46.50	20.07	-7.16
Fine bext	AGTH1	33.464	-116.971	-3.00	0.00	81.07	24.02	59.63	52.54	18.80	-5.71
Fine bext	BADL1	43.743	-101.941	-0.84	0.01	45.43	29.53	35.65	37.06	6.60	-2.26
Fine bext	BALD1	34.058	-109.441	-0.41	0.02	20.48	12.75	19.33	16.42	4.37	-2.48
Fine bext	BAND1	35.78	-106.266	-0.35	0.00	24.20	17.50	20.36	20.67	3.41	-1.71
Fine bext	BIBE1	29.303	-103.178	-0.76	0.00	43.52	29.07	35.63	35.92	5.28	-2.12
Fine bext	BLIS1	38.976	-120.103	-0.16	0.52	26.72	23.61	25.98	25.17	4.64	-0.65
Fine bext	BOAP1	33.869	-106.852	-0.32	0.01	25.16	19.05	23.19	21.95	3.52	-1.47
Fine bext	BOND1	40.052	-88.373	-6.21	0.00	189.68	71.78	128.09	127.62	36.98	-4.86
Fine bext	BOWA1	47.947	-91.495	-2.15	0.00	68.05	27.19	49.42	46.54	13.68	-4.62
Fine bext	BRCA1	37.618	-112.174	-0.37	0.04	21.60	14.66	18.31	17.95	4.05	-2.03
Fine bext	BRID1	42.975	-109.758	-0.36	0.20	20.86	13.98	21.85	17.24	9.83	-2.10
Fine bext	BRIG1	39.465	-74.449	-5.65	0.00	149.69	42.37	96.02	90.38	35.65	-6.25
Fine bext	BRMA1	44.107	-70.729	-4.10	0.00	82.72	4.74	63.73	49.89	26.26	-8.23
Fine bext	CABA1	43.833	-70.064	-3.73	0.00	96.88	26.01	64.98	59.58	22.55	-6.26
Fine bext	CABI1	47.955	-115.671	-0.05	0.86	26.13	25.22	28.68	25.65	6.62	-0.19
Fine bext	CACO1	41.976	-70.024	-4.16	0.00	104.36	25.28	69.97	62.74	25.30	-6.63
Fine bext	CACR1	34.454	-94.143	-4.16	0.00	118.18	39.20	87.37	76.61	28.68	-5.43
Fine bext	CANY1	38.459	-109.821	-0.40	0.00	20.97	13.43	17.37	17.00	3.08	-2.33
Fine bext	CAPI1	38.302	-111.293	-0.29	0.03	20.25	14.77	17.55	17.22	2.87	-1.67

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Fine bext	CEBL1	38.77	-99.763	-2.20	0.00	79.13	37.39	56.74	54.96	15.79	-4.00
Fine bext	CHAS1	28.748	-82.555	-3.37	0.00	102.94	38.90	77.03	65.86	28.62	-5.12
Fine bext	CHIR1	32.009	-109.389	-0.38	0.01	23.15	15.90	19.91	19.33	4.41	-1.97
Fine bext	COHU1	34.785	-84.627	-8.05	0.00	168.60	15.63	98.88	84.07	48.15	-9.58
Fine bext	CORI1	45.664	-121.001	-0.17	0.81	66.99	63.74	74.21	65.28	18.97	-0.26
Fine bext	CRLA1	42.896	-122.136	0.02	0.91	25.23	25.69	35.63	25.49	25.45	0.10
Fine bext	CRMO1	43.46	-113.555	-0.24	0.60	29.64	25.10	27.93	27.25	6.99	-0.88
Fine bext	DENA1	63.723	-148.967	-0.21	0.25	16.05	12.13	14.90	13.99	4.46	-1.47
Fine bext	DOME1	35.728	-118.138	-0.96	0.00	50.06	31.80	42.47	39.97	8.02	-2.41
Fine bext	DOSO1	39.105	-79.426	-6.45	0.00	155.13	32.63	95.80	90.65	43.22	-7.11
Fine bext	EGBE1	44.231	-79.783	-4.38	0.00	152.47	69.23	98.04	97.71	19.97	-4.48
Fine bext	EVER1	25.391	-80.681	-2.13	0.00	70.89	30.45	54.54	49.60	14.80	-4.29
Fine bext	FLAT1	47.773	-114.269	-0.56	0.32	33.55	23.00	32.19	27.44	11.83	-2.02
Fine bext	FOPE1	48.308	-105.102	-0.24	0.62	43.48	38.91	43.10	40.84	9.63	-0.59
Fine bext	FRRE1	39.706	-79.012	-6.96	0.00	160.21	27.98	93.34	80.17	42.78	-8.68
Fine bext	GAMO1	46.826	-111.711	-0.14	0.47	22.11	19.46	23.21	20.79	9.81	-0.67
Fine bext	GICL1	33.22	-108.235	-0.52	0.00	25.61	15.68	20.81	20.39	4.77	-2.56
Fine bext	GLAC1	48.511	-113.997	-1.01	0.05	55.91	36.75	45.24	45.83	10.79	-2.20
Fine bext	GRBA1	39.005	-114.216	-0.36	0.04	19.74	12.99	16.40	16.18	4.12	-2.20
Fine bext	GRCA2	36.066	-112.154	-0.57	0.00	23.17	12.40	18.35	18.07	5.23	-3.14
Fine bext	GRGU1	44.308	-71.218	-3.02	0.00	72.35	15.04	49.31	42.18	21.56	-7.15
Fine bext	GRI1	43.937	-91.405	-4.00	0.00	130.29	54.37	92.52	86.34	24.65	-4.63
Fine bext	GRSA1	37.725	-105.519	-0.35	0.03	23.01	16.36	19.38	19.51	2.96	-1.79
Fine bext	GRSM1	35.633	-83.942	-8.03	0.00	169.91	17.32	101.81	89.60	50.62	-8.96
Fine bext	GUMO1	31.833	-104.809	-0.52	0.01	36.05	26.16	31.30	30.84	4.94	-1.69
Fine bext	HAVO1	19.431	-155.258	-0.56	0.81	83.84	73.11	84.22	78.19	38.26	-0.72
Fine bext	HECA1	44.97	-116.844	-1.05	0.10	54.74	34.71	43.05	44.20	14.22	-2.39
Fine bext	HEGL1	36.614	-92.922	-4.29	0.00	128.76	47.29	86.86	85.88	26.87	-4.99
Fine bext	HOOV1	38.088	-119.177	0.08	0.85	21.43	23.04	25.85	22.32	11.99	0.38
Fine bext	IKBA1	34.34	-111.683	-0.48	0.00	25.62	16.45	21.79	20.79	3.54	-2.32
Fine bext	ISLE1	47.46	-88.149	-2.54	0.00	78.95	30.62	55.93	53.51	17.01	-4.75
Fine bext	JARB1	41.893	-115.426	0.02	0.86	20.25	20.57	21.73	20.42	5.28	0.08
Fine bext	JARI1	37.627	-79.512	-7.42	0.00	162.81	21.90	98.08	88.65	44.38	-8.37
Fine bext	JOSH1	34.07	-116.389	-1.92	0.00	50.87	14.45	37.92	31.70	11.68	-6.05
Fine bext	KAIS1	37.221	-119.155	-0.45	0.31	37.73	29.12	34.39	32.97	7.78	-1.37
Fine bext	KALM1	42.552	-124.059	-0.50	0.05	37.70	28.11	32.85	32.66	5.79	-1.55
Fine bext	LABE1	41.712	-121.507	-0.27	0.81	33.09	27.99	37.42	30.40	28.29	-0.88

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Fine bext	LASU2	40.693	-92.006	-4.92	0.00	151.84	58.42	97.05	92.84	25.55	-5.30
Fine bext	LAVO1	40.54	-121.577	-0.53	0.12	33.73	23.68	33.07	28.44	17.01	-1.86
Fine bext	LIGO1	35.972	-81.933	-7.10	0.00	156.86	21.90	97.52	82.28	52.07	-8.63
Fine bext	LOST1	48.642	-102.402	-0.98	0.00	62.78	44.11	52.44	52.96	7.80	-1.86
Fine bext	MACA1	37.132	-86.148	-7.66	0.00	186.14	40.65	124.54	109.56	49.24	-6.99
Fine bext	MAVI1	41.331	-70.785	-3.71	0.00	111.51	41.08	72.45	70.74	19.37	-5.24
Fine bext	MEAD1	36.019	-114.068	-0.58	0.00	23.84	12.77	17.97	17.43	3.35	-3.34
Fine bext	MELA1	48.487	-104.476	-0.53	0.15	47.79	37.80	44.16	42.53	9.16	-1.24
Fine bext	MEVE1	37.198	-108.491	-0.58	0.00	23.28	12.32	18.36	17.51	5.44	-3.29
Fine bext	MING1	36.972	-90.143	-5.94	0.00	164.02	51.14	100.04	95.69	40.89	-6.21
Fine bext	MOHO1	45.289	-121.784	-0.66	0.00	35.36	22.76	29.45	28.73	7.90	-2.31
Fine bext	MOMO1	41.821	-73.297	-5.35	0.00	123.38	21.67	74.87	64.50	31.46	-8.30
Fine bext	MONT1	47.122	-113.154	-0.17	0.91	31.16	27.91	35.82	29.54	17.30	-0.58
Fine bext	MOOS1	45.126	-67.266	-2.69	0.00	66.76	15.71	47.92	39.90	16.55	-6.73
Fine bext	MORA1	46.758	-122.124	-1.29	0.00	49.76	25.23	38.50	36.85	8.45	-3.50
Fine bext	MOZI1	40.538	-106.677	-0.37	0.06	20.61	13.52	17.25	16.88	3.61	-2.21
Fine bext	NEBR1	41.889	-100.339	-1.71	0.00	66.56	34.09	47.24	46.91	11.56	-3.64
Fine bext	NOAB1	44.745	-109.382	-0.37	0.05	23.13	16.10	19.67	19.80	4.87	-1.87
Fine bext	NOCA1	48.732	-121.065	-0.44	0.13	31.73	23.31	33.39	27.30	19.73	-1.62
Fine bext	NOCH1	45.65	-106.557	-0.51	0.25	28.98	19.37	28.41	23.42	9.38	-2.16
Fine bext	OKEF1	30.74	-82.128	-4.23	0.00	121.12	40.75	82.81	78.82	29.17	-5.37
Fine bext	OLYM1	48.007	-122.973	-0.90	0.00	41.00	23.99	32.90	31.60	6.63	-2.83
Fine bext	ORPI1	31.951	-112.802	-0.47	0.00	25.77	16.77	21.20	20.56	3.89	-2.30
Fine bext	PASA1	48.388	-119.927	-0.34	0.42	32.10	25.62	33.42	28.69	15.80	-1.19
Fine bext	PEFO1	35.078	-109.769	-0.47	0.02	25.41	16.40	20.41	20.67	3.71	-2.29
Fine bext	PENO1	44.948	-68.648	-2.40	0.00	78.44	32.88	52.30	48.47	11.60	-4.95
Fine bext	PINN1	36.483	-121.157	-0.91	0.00	50.63	33.35	41.10	41.54	8.20	-2.19
Fine bext	PMRF1	44.528	-72.869	-3.97	0.00	94.30	18.87	62.84	54.60	26.61	-7.27
Fine bext	PORE1	38.122	-122.909	-1.30	0.01	75.16	50.41	62.46	61.48	11.38	-2.12
Fine bext	PRIS1	46.696	-68.033	-2.58	0.00	72.52	23.49	50.30	46.72	18.83	-5.52
Fine bext	QUCI1	39.943	-81.338	-7.16	0.00	179.59	43.48	111.63	104.37	41.11	-6.86
Fine bext	QURE1	42.299	-72.335	-5.29	0.00	119.20	18.70	81.73	76.88	27.07	-6.88
Fine bext	QUVA1	33.294	-111.286	-0.93	0.00	32.19	14.60	25.04	24.78	5.09	-3.74
Fine bext	RAFA1	34.734	-120.007	-1.37	0.00	53.49	27.54	42.97	39.83	9.24	-3.43
Fine bext	REDW1	41.561	-124.084	-0.19	0.65	50.85	47.28	49.25	48.97	7.63	-0.38
Fine bext	ROMA1	32.941	-79.657	-4.59	0.00	126.49	39.23	84.66	80.57	30.23	-5.70
Fine bext	ROMO1	40.278	-105.546	-0.73	0.01	31.45	17.67	24.38	24.20	5.48	-3.00

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Fine bext	SACR1	33.46	-104.404	-0.75	0.00	43.22	28.90	36.63	35.68	6.12	-2.11
Fine bext	SAGA1	34.297	-118.028	-1.80	0.00	59.58	25.32	42.90	40.64	11.95	-4.44
Fine bext	SAGO1	34.194	-116.913	-2.83	0.00	69.95	16.24	50.32	41.68	17.67	-6.78
Fine bext	SAGU1	32.175	-110.737	-0.68	0.00	28.39	15.41	23.00	21.56	5.64	-3.17
Fine bext	SAMA1	30.093	-84.161	-5.04	0.00	134.28	38.53	85.97	81.36	32.13	-6.19
Fine bext	SAPE1	36.014	-106.845	-0.27	0.03	19.99	14.90	17.31	17.31	2.40	-1.55
Fine bext	SAWE1	32.249	-111.218	-0.68	0.00	32.07	19.19	24.89	24.95	4.94	-2.72
Fine bext	SAWT1	44.171	-114.927	0.02	0.97	27.21	27.59	37.69	27.41	25.78	0.07
Fine bext	SENE1	46.289	-85.95	-3.65	0.00	106.67	37.24	73.23	70.12	25.11	-5.21
Fine bext	SEQU1	36.489	-118.829	-2.25	0.01	83.45	40.73	70.24	60.97	20.66	-3.69
Fine bext	SHEN1	38.523	-78.435	-7.28	0.00	155.63	17.24	96.93	82.79	47.24	-8.80
Fine bext	SHMI1	37.304	-107.484	-0.38	0.13	22.07	14.95	18.82	17.57	3.78	-2.13
Fine bext	SHRO1	35.394	-82.774	-7.07	0.00	155.39	20.98	87.01	77.57	46.30	-9.12
Fine bext	SIME1	55.326	-160.506	-0.24	0.27	45.20	40.55	43.77	42.63	5.11	-0.57
Fine bext	SIPS1	34.343	-87.339	-6.90	0.00	155.03	23.84	103.58	85.99	44.30	-8.03
Fine bext	SNPA1	47.422	-121.426	-0.98	0.01	48.41	29.71	38.44	38.57	8.75	-2.55
Fine bext	STAR1	45.225	-118.513	-1.39	0.00	47.83	21.47	37.52	33.96	10.23	-4.08
Fine bext	SULA1	45.86	-114	-0.26	0.19	26.19	21.18	35.43	23.56	33.22	-1.12
Fine bext	SWAN1	35.451	-76.207	-3.82	0.00	111.59	39.07	75.25	69.60	28.96	-5.48
Fine bext	SYCA1	35.141	-111.969	-0.39	0.07	31.35	23.95	29.33	28.23	4.00	-1.38
Fine bext	TALL1	38.434	-96.56	-3.12	0.00	109.58	50.30	79.01	75.26	19.41	-4.15
Fine bext	THBA1	44.663	-105.287	-0.26	0.40	31.90	27.04	30.11	28.83	6.25	-0.89
Fine bext	THRO1	46.895	-103.378	-0.57	0.05	45.51	34.77	41.63	39.86	8.43	-1.42
Fine bext	THSI1	44.291	-122.043	-0.49	0.12	36.94	27.64	32.78	32.04	7.58	-1.53
Fine bext	TONT1	33.655	-111.107	-0.50	0.00	26.72	17.21	22.93	21.72	3.92	-2.31
Fine bext	TRCR1	62.315	-150.316	-0.42	0.03	20.23	12.33	17.63	15.86	5.23	-2.62
Fine bext	TRIN1	40.786	-122.805	-0.90	0.21	41.60	24.52	36.15	33.96	13.92	-2.65
Fine bext	ULBE1	47.582	-108.72	-0.23	0.38	29.48	25.09	29.12	27.17	5.86	-0.85
Fine bext	UPBU1	35.826	-93.203	-4.22	0.00	123.64	43.52	86.49	81.47	29.85	-5.18
Fine bext	VIIS1	18.336	-64.796	0.24	0.51	36.95	41.53	39.49	39.12	7.09	0.62
Fine bext	VILA1	40.969	-95.045	-4.72	0.00	141.77	52.04	91.19	89.82	25.38	-5.26
Fine bext	VOYA2	48.413	-92.829	-1.23	0.00	57.62	34.32	46.36	45.35	9.71	-2.70
Fine bext	WEMI1	37.659	-107.8	-0.28	0.02	18.93	13.59	16.83	16.12	3.82	-1.75
Fine bext	WHIT1	33.469	-105.535	-0.61	0.01	30.98	19.40	24.31	24.58	4.66	-2.48
Fine bext	WHPA1	46.624	-121.388	-0.48	0.07	29.56	20.45	24.21	24.76	4.84	-1.94
Fine bext	WHPE1	36.585	-105.452	-0.28	0.03	19.50	14.18	16.87	16.70	2.60	-1.67
Fine bext	WHRI1	39.154	-106.821	-0.29	0.04	19.59	13.99	15.63	16.65	3.37	-1.77

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Fine bext	WICA1	43.558	-103.484	-0.78	0.00	39.35	24.58	31.64	31.96	5.54	-2.43
Fine bext	WIMO1	34.732	-98.713	-2.43	0.00	90.92	44.66	68.06	66.58	17.37	-3.66
Fine bext	YELL2	44.565	-110.4	0.01	0.97	20.42	20.53	22.26	20.48	6.48	0.03
Fine bext	YOSE1	37.713	-119.706	-0.45	0.42	41.81	33.19	41.02	37.28	22.14	-1.22
Fine bext	ZICA1	37.198	-113.151	-0.48	0.01	21.83	12.68	17.48	16.54	3.64	-2.91
Aerosol bext	ACAD1	44.377	-68.261	-3.30	0.00	81.94	19.30	57.14	48.97	20.41	-6.73
Aerosol bext	AGTI1	33.464	-116.971	-3.08	0.00	88.35	29.91	67.50	59.13	19.53	-5.20
Aerosol bext	BADL1	43.743	-101.941	-1.05	0.00	51.99	32.05	40.59	41.49	6.93	-2.53
Aerosol bext	BALD1	34.058	-109.441	-0.56	0.01	25.52	14.96	22.52	19.96	5.02	-2.78
Aerosol bext	BAND1	35.78	-106.266	-0.30	0.03	26.49	20.73	23.70	23.46	3.79	-1.29
Aerosol bext	BIBE1	29.303	-103.178	-0.87	0.00	49.39	32.90	41.35	40.71	6.13	-2.13
Aerosol bext	BLIS1	38.976	-120.103	-0.15	0.52	28.06	25.18	28.20	26.62	4.77	-0.57
Aerosol bext	BOAP1	33.869	-106.852	-0.45	0.00	32.31	23.67	28.24	27.76	4.40	-1.64
Aerosol bext	BOND1	40.052	-88.373	-6.10	0.00	192.08	76.12	131.14	131.05	37.01	-4.66
Aerosol bext	BOWA1	47.947	-91.495	-2.22	0.00	69.69	27.56	52.18	47.52	13.76	-4.67
Aerosol bext	BRCA1	37.618	-112.174	-0.38	0.02	25.51	18.21	21.31	21.66	3.79	-1.77
Aerosol bext	BRID1	42.975	-109.758	-0.35	0.31	23.19	16.52	23.94	19.68	9.75	-1.78
Aerosol bext	BRIG1	39.465	-74.449	-5.47	0.00	157.59	53.67	103.68	100.16	35.91	-5.46
Aerosol bext	BRMA1	44.107	-70.729	-4.17	0.00	84.98	5.84	65.50	51.66	26.28	-8.06
Aerosol bext	CABA1	43.833	-70.064	-3.68	0.00	98.84	28.96	67.63	62.06	21.92	-5.93
Aerosol bext	CABI1	47.955	-115.671	-0.29	0.38	32.66	27.18	32.01	29.78	7.61	-0.97
Aerosol bext	CACO1	41.976	-70.024	-4.25	0.00	112.10	31.27	73.66	69.56	25.22	-6.12
Aerosol bext	CACR1	34.454	-94.143	-3.95	0.00	120.38	45.42	91.65	80.93	27.71	-4.87
Aerosol bext	CANY1	38.459	-109.821	-0.43	0.00	25.23	16.99	20.69	20.89	3.58	-2.07
Aerosol bext	CAPI1	38.302	-111.293	-0.41	0.01	24.13	16.30	20.57	19.80	3.37	-2.08
Aerosol bext	CEBL1	38.77	-99.763	-1.70	0.00	79.21	46.96	63.19	60.54	13.91	-2.80
Aerosol bext	CHAS1	28.748	-82.555	-3.52	0.00	107.53	40.67	80.65	68.82	28.39	-5.11
Aerosol bext	CHIR1	32.009	-109.389	-0.44	0.07	29.89	21.50	26.07	25.48	5.51	-1.73
Aerosol bext	COHU1	34.785	-84.627	-8.04	0.00	170.60	17.82	101.05	86.17	47.73	-9.33
Aerosol bext	CORI1	45.664	-121.001	-0.07	0.86	80.53	79.22	80.45	79.84	18.26	-0.09
Aerosol bext	CRLA1	42.896	-122.136	-0.15	0.91	28.36	25.55	36.93	26.80	25.23	-0.55
Aerosol bext	CRMO1	43.46	-113.555	-0.23	0.46	32.06	27.64	31.15	29.73	7.27	-0.78
Aerosol bext	DENA1	63.723	-148.967	-0.22	0.28	17.66	13.53	16.12	15.49	4.40	-1.40
Aerosol bext	DOME1	35.728	-118.138	-0.96	0.05	64.58	46.43	53.50	54.55	8.71	-1.75
Aerosol bext	DOSO1	39.105	-79.426	-6.41	0.00	157.79	36.03	97.59	93.71	42.83	-6.84
Aerosol bext	EGBE1	44.231	-79.783	-4.38	0.00	155.94	72.80	100.97	101.24	19.97	-4.32
Aerosol bext	EVER1	25.391	-80.681	-1.72	0.00	73.47	40.86	60.40	56.31	12.75	-3.05

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Aerosol bext	FLAT1	47.773	-114.269	-0.61	0.36	37.00	25.38	35.32	30.27	12.39	-2.02
Aerosol bext	FOPE1	48.308	-105.102	0.01	1.00	45.57	45.75	47.50	45.67	10.03	0.02
Aerosol bext	FRRE1	39.706	-79.012	-6.86	0.00	162.54	32.24	96.09	83.67	42.54	-8.20
Aerosol bext	GAMO1	46.826	-111.711	-0.05	0.62	22.78	21.81	25.24	22.30	9.95	-0.23
Aerosol bext	GICL1	33.22	-108.235	-0.49	0.00	28.95	19.59	23.94	24.03	4.65	-2.05
Aerosol bext	GLAC1	48.511	-113.997	-0.99	0.09	61.46	42.58	49.66	51.52	10.60	-1.93
Aerosol bext	GRBA1	39.005	-114.216	-0.21	0.10	22.22	18.20	20.57	20.10	4.21	-1.05
Aerosol bext	GRCA2	36.066	-112.154	-0.57	0.00	25.31	14.49	20.81	20.19	5.33	-2.82
Aerosol bext	GRGU1	44.308	-71.218	-2.95	0.00	73.92	17.95	51.89	44.46	21.29	-6.63
Aerosol bext	GRII1	43.937	-91.405	-4.04	0.00	136.08	59.24	96.24	91.59	24.76	-4.42
Aerosol bext	GRSA1	37.725	-105.519	-0.46	0.01	28.38	19.68	23.46	23.80	4.16	-1.92
Aerosol bext	GRSM1	35.633	-83.942	-8.13	0.00	173.11	18.67	104.74	91.82	50.29	-8.85
Aerosol bext	GUMO1	31.833	-104.809	-0.71	0.02	46.24	32.79	39.59	39.16	6.55	-1.81
Aerosol bext	HAVO1	19.431	-155.258	-0.43	0.81	83.83	75.70	85.44	79.55	38.04	-0.54
Aerosol bext	HECA1	44.97	-116.844	-1.02	0.17	54.71	35.37	45.15	44.53	14.60	-2.29
Aerosol bext	HEGL1	36.614	-92.922	-4.17	0.00	129.93	50.64	90.55	88.20	26.10	-4.73
Aerosol bext	HOOV1	38.088	-119.177	0.03	0.91	24.73	25.32	28.61	25.05	11.76	0.12
Aerosol bext	IKBA1	34.34	-111.683	-0.42	0.02	30.82	22.75	26.93	26.58	4.07	-1.60
Aerosol bext	ISLE1	47.46	-88.149	-2.72	0.00	82.61	30.85	58.72	55.37	17.72	-4.92
Aerosol bext	JARB1	41.893	-115.426	0.04	0.97	25.31	26.11	26.95	25.73	6.10	0.16
Aerosol bext	JARI1	37.627	-79.512	-7.41	0.00	165.11	24.40	100.98	91.05	44.70	-8.13
Aerosol bext	JOSH1	34.07	-116.389	-1.82	0.00	58.51	23.90	45.38	40.29	11.83	-4.52
Aerosol bext	KAIS1	37.221	-119.155	-0.28	0.62	40.35	35.00	39.45	37.39	8.10	-0.75
Aerosol bext	KALM1	42.552	-124.059	-0.53	0.02	40.15	30.07	35.08	34.84	6.06	-1.52
Aerosol bext	LABE1	41.712	-121.507	-0.13	0.81	32.78	30.40	39.64	31.53	28.39	-0.40
Aerosol bext	LASU2	40.693	-92.006	-4.85	0.00	156.62	64.45	101.09	98.41	26.48	-4.93
Aerosol bext	LAVO1	40.54	-121.577	-0.51	0.20	34.96	25.29	35.84	29.87	16.93	-1.70
Aerosol bext	LIGO1	35.972	-81.933	-7.19	0.00	161.55	24.92	100.24	86.04	51.89	-8.36
Aerosol bext	LOST1	48.642	-102.402	-1.00	0.00	66.23	47.18	56.37	56.20	7.75	-1.78
Aerosol bext	MACA1	37.132	-86.148	-7.80	0.00	190.94	42.71	127.28	112.93	49.34	-6.91
Aerosol bext	MAVI1	41.331	-70.785	-3.07	0.00	110.31	51.98	79.08	76.54	16.89	-4.01
Aerosol bext	MEAD1	36.019	-114.068	-0.61	0.00	29.66	18.13	23.89	22.98	3.91	-2.64
Aerosol bext	MELA1	48.487	-104.476	-0.26	0.51	49.23	44.38	48.36	46.68	8.55	-0.55
Aerosol bext	MEVE1	37.198	-108.491	-0.63	0.00	26.94	15.01	22.22	20.66	6.66	-3.04
Aerosol bext	MING1	36.972	-90.143	-5.59	0.00	167.21	61.07	106.42	102.97	40.38	-5.43
Aerosol bext	MOHO1	45.289	-121.784	-0.79	0.02	39.45	24.40	31.79	31.53	8.37	-2.51
Aerosol bext	MOMO1	41.821	-73.297	-5.42	0.00	128.10	25.18	77.21	68.52	31.51	-7.91

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Aerosol bext	MONT1	47.122	-113.154	-0.06	0.79	33.57	32.47	39.26	33.02	17.81	-0.17
Aerosol bext	MOOS1	45.126	-67.266	-2.75	0.00	69.33	17.11	49.87	41.85	16.64	-6.57
Aerosol bext	MORA1	46.758	-122.124	-1.29	0.00	51.67	27.15	40.78	38.77	8.49	-3.33
Aerosol bext	MOZI1	40.538	-106.677	-0.43	0.10	23.60	15.48	19.65	19.33	4.04	-2.21
Aerosol bext	NEBR1	41.889	-100.339	-1.58	0.00	69.52	39.41	51.94	51.29	11.88	-3.09
Aerosol bext	NOAB1	44.745	-109.382	-0.40	0.03	25.37	17.80	22.27	21.78	4.82	-1.83
Aerosol bext	NOCA1	48.732	-121.065	-0.48	0.17	33.92	24.83	35.25	29.13	20.16	-1.64
Aerosol bext	NOCH1	45.65	-106.557	-0.51	0.14	32.89	23.22	31.73	27.30	9.70	-1.86
Aerosol bext	OKEF1	30.74	-82.128	-4.11	0.00	122.10	44.10	85.86	81.05	28.40	-5.07
Aerosol bext	OLYM1	48.007	-122.973	-0.96	0.00	43.30	25.05	34.27	33.22	6.84	-2.89
Aerosol bext	ORPI1	31.951	-112.802	-0.44	0.03	32.48	24.17	28.73	27.67	4.78	-1.58
Aerosol bext	PASA1	48.388	-119.927	-0.36	0.25	35.28	28.44	35.62	31.68	16.13	-1.14
Aerosol bext	PEFO1	35.078	-109.769	-0.62	0.00	31.42	19.59	25.75	25.19	6.10	-2.47
Aerosol bext	PENO1	44.948	-68.648	-2.33	0.00	82.55	38.25	56.65	53.40	11.22	-4.37
Aerosol bext	PINN1	36.483	-121.157	-0.80	0.01	54.34	39.23	45.62	46.39	7.76	-1.71
Aerosol bext	PMRF1	44.528	-72.869	-4.06	0.00	95.75	18.57	64.82	55.13	26.89	-7.37
Aerosol bext	PORE1	38.122	-122.909	-1.76	0.03	86.75	53.32	70.03	68.28	11.12	-2.58
Aerosol bext	PRIS1	46.696	-68.033	-2.69	0.00	75.19	24.04	54.90	48.27	19.09	-5.58
Aerosol bext	QUCH1	39.943	-81.338	-7.20	0.00	181.99	45.22	115.11	106.41	41.40	-6.76
Aerosol bext	QURE1	42.299	-72.335	-5.25	0.00	120.62	20.96	83.98	78.66	26.97	-6.67
Aerosol bext	QUVA1	33.294	-111.286	-0.79	0.02	41.71	26.66	34.18	35.38	5.43	-2.24
Aerosol bext	RAFA1	34.734	-120.007	-1.35	0.00	60.90	35.27	50.56	47.41	9.01	-2.84
Aerosol bext	REDW1	41.561	-124.084	0.00	0.97	53.01	52.98	53.59	52.99	7.64	0.00
Aerosol bext	ROMA1	32.941	-79.657	-4.31	0.00	128.78	46.80	88.51	85.63	29.39	-5.04
Aerosol bext	ROMO1	40.278	-105.546	-0.65	0.02	34.81	22.53	28.02	28.35	5.85	-2.28
Aerosol bext	SACR1	33.46	-104.404	-0.55	0.06	52.89	42.35	48.09	47.34	7.09	-1.17
Aerosol bext	SAGA1	34.297	-118.028	-1.74	0.00	64.44	31.35	48.36	46.15	12.09	-3.77
Aerosol bext	SAGO1	34.194	-116.913	-2.96	0.00	74.94	18.65	55.79	45.31	18.52	-6.54
Aerosol bext	SAGU1	32.175	-110.737	-0.69	0.00	34.15	21.07	29.27	27.27	5.36	-2.52
Aerosol bext	SAMA1	30.093	-84.161	-4.72	0.00	133.26	43.66	88.67	83.75	31.33	-5.63
Aerosol bext	SAPE1	36.014	-106.845	-0.28	0.01	22.84	17.54	20.44	20.05	2.92	-1.39
Aerosol bext	SAWE1	32.249	-111.218	-0.70	0.00	40.78	27.55	34.33	33.46	5.30	-2.08
Aerosol bext	SAWT1	44.171	-114.927	-0.13	0.92	30.80	28.34	39.82	29.50	25.96	-0.44
Aerosol bext	SENE1	46.289	-85.95	-3.76	0.00	109.65	38.26	75.85	72.08	25.45	-5.21
Aerosol bext	SEQU1	36.489	-118.829	-2.10	0.02	90.85	50.86	78.45	69.80	21.35	-3.01
Aerosol bext	SHEN1	38.523	-78.435	-7.66	0.00	163.05	17.60	99.99	86.50	47.21	-8.85
Aerosol bext	SHMI1	37.304	-107.484	-0.30	0.30	27.20	21.41	24.20	23.54	3.67	-1.29

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Aerosol bext	SHRO1	35.394	-82.774	-7.07	0.00	157.84	23.47	89.22	80.05	45.38	-8.84
Aerosol bext	SIME1	55.326	-160.506	-0.40	0.27	52.92	45.33	48.39	48.72	5.39	-0.82
Aerosol bext	SIPS1	34.343	-87.339	-6.71	0.00	155.54	28.09	106.86	88.46	44.77	-7.58
Aerosol bext	SNPA1	47.422	-121.426	-0.97	0.00	50.13	31.67	40.00	40.41	8.79	-2.40
Aerosol bext	STAR1	45.225	-118.513	-1.22	0.00	49.33	26.22	40.16	37.17	10.41	-3.27
Aerosol bext	SULA1	45.86	-114	-0.31	0.22	28.78	22.87	37.61	25.67	33.34	-1.21
Aerosol bext	SWAN1	35.451	-76.207	-3.86	0.00	115.28	41.90	78.93	72.79	28.76	-5.31
Aerosol bext	SYCA1	35.141	-111.969	-0.10	0.66	39.28	37.46	38.75	38.51	5.74	-0.25
Aerosol bext	TALL1	38.434	-96.56	-3.23	0.00	113.15	51.71	84.02	77.58	20.21	-4.17
Aerosol bext	THBA1	44.663	-105.287	-0.34	0.30	37.95	31.54	35.30	33.90	7.57	-1.00
Aerosol bext	THRO1	46.895	-103.378	-0.61	0.12	53.01	41.46	47.09	46.93	8.12	-1.30
Aerosol bext	THSI1	44.291	-122.043	-0.28	0.34	38.50	33.26	37.74	35.74	8.02	-0.77
Aerosol bext	TONT1	33.655	-111.107	-0.47	0.01	34.08	25.19	29.21	29.40	4.56	-1.59
Aerosol bext	TRCR1	62.315	-150.316	-0.38	0.05	21.05	13.91	19.44	17.11	5.23	-2.20
Aerosol bext	TRIN1	40.786	-122.805	-0.69	0.18	42.32	29.27	39.74	36.48	14.15	-1.88
Aerosol bext	ULBE1	47.582	-108.72	-0.18	0.38	33.60	30.13	33.01	31.77	6.53	-0.57
Aerosol bext	UPBU1	35.826	-93.203	-4.56	0.00	132.48	45.80	91.51	86.86	30.21	-5.25
Aerosol bext	VIIS1	18.336	-64.796	0.44	0.16	48.90	57.26	53.39	52.86	7.24	0.83
Aerosol bext	VILA1	40.969	-95.045	-4.20	0.00	139.39	59.59	96.75	93.19	24.69	-4.51
Aerosol bext	VOYA2	48.413	-92.829	-1.36	0.00	61.14	35.30	48.84	47.54	9.62	-2.86
Aerosol bext	WEMI1	37.659	-107.8	-0.28	0.02	21.31	16.05	19.28	18.54	3.81	-1.49
Aerosol bext	WHIT1	33.469	-105.535	-0.41	0.12	32.99	25.25	30.10	28.71	6.36	-1.42
Aerosol bext	WHPA1	46.624	-121.388	-0.40	0.06	29.41	21.83	26.02	25.42	4.98	-1.57
Aerosol bext	WHPE1	36.585	-105.452	-0.36	0.04	22.87	16.07	19.40	19.29	2.93	-1.86
Aerosol bext	WHRI1	39.154	-106.821	-0.32	0.05	21.48	15.41	17.91	18.28	3.70	-1.75
Aerosol bext	WICA1	43.558	-103.484	-0.77	0.00	42.14	27.46	35.27	34.80	5.98	-2.22
Aerosol bext	WIMO1	34.732	-98.713	-2.42	0.00	93.70	47.64	73.58	69.46	17.19	-3.49
Aerosol bext	YELL2	44.565	-110.4	0.01	0.97	23.36	23.51	25.02	23.44	6.41	0.03
Aerosol bext	YOSE1	37.713	-119.706	-0.40	0.42	45.48	37.95	45.71	41.51	22.59	-0.95
Aerosol bext	ZICA1	37.198	-113.151	-0.55	0.00	28.04	17.60	22.70	22.00	3.96	-2.50
Total bext	ACAD1	44.377	-68.261	-3.30	0.00	93.94	31.30	69.14	60.97	20.41	-5.41
Total bext	AGTI1	33.464	-116.971	-3.08	0.00	99.35	40.91	78.50	70.13	19.53	-4.39
Total bext	BADL1	43.743	-101.941	-1.05	0.00	62.99	43.05	51.59	52.49	6.93	-2.00
Total bext	BALD1	34.058	-109.441	-0.56	0.01	34.52	23.96	31.52	28.96	5.02	-1.92
Total bext	BAND1	35.78	-106.266	-0.30	0.03	35.49	29.73	32.70	32.46	3.79	-0.93
Total bext	BIBE1	29.303	-103.178	-0.87	0.00	59.39	42.90	51.35	50.71	6.13	-1.71
Total bext	BLIS1	38.976	-120.103	-0.15	0.52	37.06	34.18	37.20	35.62	4.77	-0.43

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Total bext	BOAP1	33.869	-106.852	-0.45	0.00	42.31	33.67	38.24	37.76	4.40	-1.20
Total bext	BOND1	40.052	-88.373	-6.10	0.00	203.08	87.12	142.14	142.05	37.01	-4.30
Total bext	BOWA1	47.947	-91.495	-2.22	0.00	80.69	38.56	63.18	58.52	13.76	-3.79
Total bext	BRCA1	37.618	-112.174	-0.38	0.02	34.51	27.21	30.31	30.66	3.79	-1.25
Total bext	BRID1	42.975	-109.758	-0.35	0.31	32.19	25.52	32.94	28.68	9.75	-1.22
Total bext	BRIG1	39.465	-74.449	-5.47	0.00	169.59	65.67	115.68	112.16	35.91	-4.88
Total bext	BRMA1	44.107	-70.729	-4.17	0.00	96.98	17.84	77.50	63.66	26.28	-6.54
Total bext	CABA1	43.833	-70.064	-3.68	0.00	110.84	40.96	79.63	74.06	21.92	-4.97
Total bext	CABI1	47.955	-115.671	-0.29	0.38	42.66	37.18	42.01	39.78	7.61	-0.73
Total bext	CACO1	41.976	-70.024	-4.25	0.00	124.10	43.27	85.66	81.56	25.22	-5.22
Total bext	CACR1	34.454	-94.143	-3.95	0.00	131.38	56.42	102.65	91.93	27.71	-4.29
Total bext	CANY1	38.459	-109.821	-0.43	0.00	34.23	25.99	29.69	29.89	3.58	-1.45
Total bext	CAPI1	38.302	-111.293	-0.41	0.01	33.13	25.30	29.57	28.80	3.37	-1.43
Total bext	CEBL1	38.77	-99.763	-1.70	0.00	90.21	57.96	74.19	71.54	13.91	-2.37
Total bext	CHAS1	28.748	-82.555	-3.52	0.00	118.53	51.67	91.65	79.82	28.39	-4.41
Total bext	CHIR1	32.009	-109.389	-0.44	0.07	39.89	31.50	36.07	35.48	5.51	-1.25
Total bext	COHU1	34.785	-84.627	-8.04	0.00	181.60	28.82	112.05	97.17	47.73	-8.28
Total bext	CORI1	45.664	-121.001	-0.07	0.86	92.53	91.22	92.45	91.84	18.26	-0.08
Total bext	CRLA1	42.896	-122.136	-0.15	0.91	37.36	34.55	45.93	35.80	25.23	-0.41
Total bext	CRMO1	43.46	-113.555	-0.23	0.46	42.06	37.64	41.15	39.73	7.27	-0.58
Total bext	DENA1	63.723	-148.967	-0.22	0.28	28.66	24.53	27.12	26.49	4.40	-0.82
Total bext	DOME1	35.728	-118.138	-0.96	0.05	74.58	56.43	63.50	64.55	8.71	-1.48
Total bext	DOSO1	39.105	-79.426	-6.41	0.00	167.79	46.03	107.59	103.71	42.83	-6.18
Total bext	EGBE1	44.231	-79.783	-4.38	0.00	167.94	84.80	112.97	113.24	19.97	-3.86
Total bext	EVER1	25.391	-80.681	-1.72	0.00	84.47	51.86	71.40	67.31	12.75	-2.55
Total bext	FLAT1	47.773	-114.269	-0.61	0.36	47.00	35.38	45.32	40.27	12.39	-1.52
Total bext	FOPE1	48.308	-105.102	0.01	1.00	56.57	56.75	58.50	56.67	10.03	0.02
Total bext	FRRE1	39.706	-79.012	-6.86	0.00	173.54	43.24	107.09	94.67	42.54	-7.24
Total bext	GAMO1	46.826	-111.711	-0.05	0.62	31.78	30.81	34.24	31.30	9.95	-0.16
Total bext	GICL1	33.22	-108.235	-0.49	0.00	37.95	28.59	32.94	33.03	4.65	-1.49
Total bext	GLAC1	48.511	-113.997	-0.99	0.09	72.46	53.58	60.66	62.52	10.60	-1.59
Total bext	GRBA1	39.005	-114.216	-0.21	0.10	31.22	27.20	29.57	29.10	4.21	-0.73
Total bext	GRCA2	36.066	-112.154	-0.57	0.00	34.31	23.49	29.81	29.19	5.33	-1.95
Total bext	GRGU1	44.308	-71.218	-2.95	0.00	84.92	28.95	62.89	55.46	21.29	-5.31
Total bext	GRR11	43.937	-91.405	-4.04	0.00	147.08	70.24	107.24	102.59	24.76	-3.94
Total bext	GRSA1	37.725	-105.519	-0.46	0.01	37.38	28.68	32.46	32.80	4.16	-1.40
Total bext	GRSM1	35.633	-83.942	-8.13	0.00	184.11	29.67	115.74	102.82	50.29	-7.91

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Total bext	GUMO1	31.833	-104.809	-0.71	0.02	55.24	41.79	48.59	48.16	6.55	-1.47
Total bext	HAVO1	19.431	-155.258	-0.43	0.81	93.83	85.70	95.44	89.55	38.04	-0.48
Total bext	HECA1	44.97	-116.844	-1.02	0.17	65.71	46.37	56.15	55.53	14.60	-1.83
Total bext	HEGL1	36.614	-92.922	-4.17	0.00	140.93	61.64	101.55	99.20	26.10	-4.21
Total bext	HOOV1	38.088	-119.177	0.03	0.91	33.73	34.32	37.61	34.05	11.76	0.09
Total bext	IKBA1	34.34	-111.683	-0.42	0.02	40.82	32.75	36.93	36.58	4.07	-1.16
Total bext	ISLE1	47.46	-88.149	-2.72	0.00	94.61	42.85	70.72	67.37	17.72	-4.04
Total bext	JARB1	41.893	-115.426	0.04	0.97	35.31	36.11	36.95	35.73	6.10	0.12
Total bext	JARI1	37.627	-79.512	-7.41	0.00	176.11	35.40	111.98	102.05	44.70	-7.26
Total bext	JOSH1	34.07	-116.389	-1.82	0.00	68.51	33.90	55.38	50.29	11.83	-3.62
Total bext	KAIS1	37.221	-119.155	-0.28	0.62	49.35	44.00	48.45	46.39	8.10	-0.61
Total bext	KALM1	42.552	-124.059	-0.53	0.02	52.15	42.07	47.08	46.84	6.06	-1.13
Total bext	LABE1	41.712	-121.507	-0.13	0.81	42.78	40.40	49.64	41.53	28.39	-0.30
Total bext	LASU2	40.693	-92.006	-4.85	0.00	167.62	75.45	112.09	109.41	26.48	-4.43
Total bext	LAVO1	40.54	-121.577	-0.51	0.20	44.96	35.29	45.84	39.87	16.93	-1.28
Total bext	LIGO1	35.972	-81.933	-7.19	0.00	172.55	35.92	111.24	97.04	51.89	-7.41
Total bext	LOST1	48.642	-102.402	-1.00	0.00	77.23	58.18	67.37	67.20	7.75	-1.49
Total bext	MACA1	37.132	-86.148	-7.80	0.00	201.94	53.71	138.28	123.93	49.34	-6.30
Total bext	MAVI1	41.331	-70.785	-3.07	0.00	122.31	63.98	91.08	88.54	16.89	-3.47
Total bext	MEAD1	36.019	-114.068	-0.61	0.00	39.66	28.13	33.89	32.98	3.91	-1.84
Total bext	MELA1	48.487	-104.476	-0.26	0.51	60.23	55.38	59.36	57.68	8.55	-0.44
Total bext	MEVE1	37.198	-108.491	-0.63	0.00	35.94	24.01	31.22	29.66	6.66	-2.12
Total bext	MING1	36.972	-90.143	-5.59	0.00	179.21	73.07	118.42	114.97	40.38	-4.86
Total bext	MOHO1	45.289	-121.784	-0.79	0.02	49.45	34.40	41.79	41.53	8.37	-1.91
Total bext	MOMO1	41.821	-73.297	-5.42	0.00	139.10	36.18	88.21	79.52	31.51	-6.81
Total bext	MONT1	47.122	-113.154	-0.06	0.79	43.57	42.47	49.26	43.02	17.81	-0.13
Total bext	MOOS1	45.126	-67.266	-2.75	0.00	81.33	29.11	61.87	53.85	16.64	-5.10
Total bext	MORA1	46.758	-122.124	-1.29	0.00	62.67	38.15	51.78	49.77	8.49	-2.59
Total bext	MOZI1	40.538	-106.677	-0.43	0.10	31.60	23.48	27.65	27.33	4.04	-1.56
Total bext	NEBR1	41.889	-100.339	-1.58	0.00	80.52	50.41	62.94	62.29	11.88	-2.54
Total bext	NOAB1	44.745	-109.382	-0.40	0.03	34.37	26.80	31.27	30.78	4.82	-1.29
Total bext	NOCA1	48.732	-121.065	-0.48	0.17	44.92	35.83	46.25	40.13	20.16	-1.19
Total bext	NOCH1	45.65	-106.557	-0.51	0.14	42.89	33.22	41.73	37.30	9.70	-1.36
Total bext	OKEF1	30.74	-82.128	-4.11	0.00	133.10	55.10	96.86	92.05	28.40	-4.46
Total bext	OLYM1	48.007	-122.973	-0.96	0.00	54.30	36.05	45.27	44.22	6.84	-2.17
Total bext	ORPI1	31.951	-112.802	-0.44	0.03	43.48	35.17	39.73	38.67	4.78	-1.13
Total bext	PASA1	48.388	-119.927	-0.36	0.25	45.28	38.44	45.62	41.68	16.13	-0.86

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Total bext	PEFO1	35.078	-109.769	-0.62	0.00	40.42	28.59	34.75	34.19	6.10	-1.82
Total bext	PENO1	44.948	-68.648	-2.33	0.00	94.55	50.25	68.65	65.40	11.22	-3.57
Total bext	PINN1	36.483	-121.157	-0.80	0.01	65.34	50.23	56.62	57.39	7.76	-1.39
Total bext	PMRF1	44.528	-72.869	-4.06	0.00	106.75	29.57	75.82	66.13	26.89	-6.14
Total bext	PORE1	38.122	-122.909	-1.76	0.03	98.75	65.32	82.03	80.28	11.12	-2.19
Total bext	PRIS1	46.696	-68.033	-2.69	0.00	87.19	36.04	66.90	60.27	19.09	-4.47
Total bext	QUCI1	39.943	-81.338	-7.20	0.00	192.99	56.22	126.11	117.41	41.40	-6.13
Total bext	QURE1	42.299	-72.335	-5.25	0.00	131.62	31.96	94.98	89.66	26.97	-5.85
Total bext	QUVA1	33.294	-111.286	-0.79	0.02	52.71	37.66	45.18	46.38	5.43	-1.71
Total bext	RAFA1	34.734	-120.007	-1.35	0.00	70.90	45.27	60.56	57.41	9.01	-2.35
Total bext	REDW1	41.561	-124.084	0.00	0.97	64.01	63.98	64.59	63.99	7.64	0.00
Total bext	ROMA1	32.941	-79.657	-4.31	0.00	140.78	58.80	100.51	97.63	29.39	-4.42
Total bext	ROMO1	40.278	-105.546	-0.65	0.02	43.81	31.53	37.02	37.35	5.85	-1.73
Total bext	SACR1	33.46	-104.404	-0.55	0.06	62.89	52.35	58.09	57.34	7.09	-0.97
Total bext	SAGA1	34.297	-118.028	-1.74	0.00	73.44	40.35	57.36	55.15	12.09	-3.16
Total bext	SAGO1	34.194	-116.913	-2.96	0.00	84.94	28.65	65.79	55.31	18.52	-5.36
Total bext	SAGU1	32.175	-110.737	-0.69	0.00	44.15	31.07	39.27	37.27	5.36	-1.85
Total bext	SAMA1	30.093	-84.161	-4.72	0.00	144.26	54.66	99.67	94.75	31.33	-4.98
Total bext	SAPE1	36.014	-106.845	-0.28	0.01	30.84	25.54	28.44	28.05	2.92	-1.00
Total bext	SAWE1	32.249	-111.218	-0.70	0.00	50.78	37.55	44.33	43.46	5.30	-1.60
Total bext	SAWT1	44.171	-114.927	-0.13	0.92	40.80	38.34	49.82	39.50	25.96	-0.33
Total bext	SENE1	46.289	-85.95	-3.76	0.00	121.65	50.26	87.85	84.08	25.45	-4.47
Total bext	SEQU1	36.489	-118.829	-2.10	0.02	101.85	61.86	89.45	80.80	21.35	-2.60
Total bext	SHEN1	38.523	-78.435	-7.66	0.00	173.05	27.60	109.99	96.50	47.21	-7.93
Total bext	SHMI1	37.304	-107.484	-0.30	0.30	36.20	30.41	33.20	32.54	3.67	-0.94
Total bext	SHRO1	35.394	-82.774	-7.07	0.00	167.84	33.47	99.22	90.05	45.38	-7.85
Total bext	SIME1	55.326	-160.506	-0.40	0.27	64.92	57.33	60.39	60.72	5.39	-0.66
Total bext	SIPS1	34.343	-87.339	-6.71	0.00	166.54	39.09	117.86	99.46	44.77	-6.74
Total bext	SNPA1	47.422	-121.426	-0.97	0.00	61.13	42.67	51.00	51.41	8.79	-1.89
Total bext	STAR1	45.225	-118.513	-1.22	0.00	59.33	36.22	50.16	47.17	10.41	-2.58
Total bext	SULA1	45.86	-114	-0.31	0.22	38.78	32.87	47.61	35.67	33.34	-0.87
Total bext	SWAN1	35.451	-76.207	-3.86	0.00	127.28	53.90	90.93	84.79	28.76	-4.55
Total bext	SYCA1	35.141	-111.969	-0.10	0.66	48.28	46.46	47.75	47.51	5.74	-0.20
Total bext	TALL1	38.434	-96.56	-3.23	0.00	124.15	62.71	95.02	88.58	20.21	-3.65
Total bext	THBA1	44.663	-105.287	-0.34	0.30	47.95	41.54	45.30	43.90	7.57	-0.77
Total bext	THRO1	46.895	-103.378	-0.61	0.12	64.01	52.46	58.09	57.93	8.12	-1.05
Total bext	THSI1	44.291	-122.043	-0.28	0.34	49.50	44.26	48.74	46.74	8.02	-0.59

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Total bext	TONT1	33.655	-111.107	-0.47	0.01	44.08	35.19	39.21	39.40	4.56	-1.19
Total bext	TRCR1	62.315	-150.316	-0.38	0.05	33.05	25.91	31.44	29.11	5.23	-1.29
Total bext	TRIN1	40.786	-122.805	-0.69	0.18	52.32	39.27	49.74	46.48	14.15	-1.48
Total bext	ULBE1	47.582	-108.72	-0.18	0.38	44.60	41.13	44.01	42.77	6.53	-0.43
Total bext	UPBU1	35.826	-93.203	-4.56	0.00	143.48	56.80	102.51	97.86	30.21	-4.66
Total bext	VIIS1	18.336	-64.796	0.44	0.16	59.90	68.26	64.39	63.86	7.24	0.69
Total bext	VILA1	40.969	-95.045	-4.20	0.00	150.39	70.59	107.75	104.19	24.69	-4.03
Total bext	VOYA2	48.413	-92.829	-1.36	0.00	73.14	47.30	60.84	59.54	9.62	-2.28
Total bext	WEMI1	37.659	-107.8	-0.28	0.02	30.31	25.05	28.28	27.54	3.81	-1.01
Total bext	WHIT1	33.469	-105.535	-0.41	0.12	41.99	34.25	39.10	37.71	6.36	-1.08
Total bext	WHPA1	46.624	-121.388	-0.40	0.06	39.41	31.83	36.02	35.42	4.98	-1.13
Total bext	WHPE1	36.585	-105.452	-0.36	0.04	30.87	24.07	27.40	27.29	2.93	-1.31
Total bext	WHRI1	39.154	-106.821	-0.32	0.05	29.48	23.41	25.91	26.28	3.70	-1.22
Total bext	WICA1	43.558	-103.484	-0.77	0.00	52.14	37.46	45.27	44.80	5.98	-1.73
Total bext	WIMO1	34.732	-98.713	-2.42	0.00	104.70	58.64	84.58	80.46	17.19	-3.01
Total bext	YELL2	44.565	-110.4	0.01	0.97	32.36	32.51	34.02	32.44	6.41	0.02
Total bext	YOSE1	37.713	-119.706	-0.40	0.42	55.48	47.95	55.71	51.51	22.59	-0.77
Total bext	ZICA1	37.198	-113.151	-0.55	0.00	38.04	27.60	32.70	32.00	3.96	-1.72
dv	ACAD1	44.377	-68.261	-0.49	0.00	22.94	13.70	18.93	18.08	2.93	-2.69
dv	AGTI1	33.464	-116.971	-0.42	0.00	23.47	15.47	20.33	19.47	2.39	-2.16
dv	BADL1	43.743	-101.941	-0.20	0.00	18.58	14.78	16.32	16.58	1.37	-1.21
dv	BALD1	34.058	-109.441	-0.17	0.01	12.30	9.13	11.36	10.63	1.57	-1.57
dv	BAND1	35.78	-106.266	-0.09	0.03	12.71	10.93	11.78	11.77	1.20	-0.79
dv	BIBE1	29.303	-103.178	-0.17	0.00	17.95	14.70	16.29	16.24	1.19	-1.05
dv	BLIS1	38.976	-120.103	-0.04	0.52	13.08	12.33	13.06	12.70	1.27	-0.31
dv	BOAP1	33.869	-106.852	-0.12	0.00	14.51	12.19	13.35	13.29	1.14	-0.92
dv	BOND1	40.052	-88.373	-0.43	0.00	30.84	22.66	26.22	26.54	2.60	-1.62
dv	BOWA1	47.947	-91.495	-0.35	0.00	21.12	14.56	18.21	17.67	2.18	-1.96
dv	BRCA1	37.618	-112.174	-0.12	0.02	12.36	10.17	11.02	11.21	1.25	-1.03
dv	BRID1	42.975	-109.758	-0.12	0.31	11.74	9.45	11.57	10.54	2.62	-1.14
dv	BRIG1	39.465	-74.449	-0.51	0.00	29.55	19.77	24.00	24.14	3.22	-2.13
dv	BRMA1	44.107	-70.729	-0.56	0.00	23.02	12.31	20.01	18.51	3.07	-3.04
dv	CABA1	43.833	-70.064	-0.47	0.00	24.71	15.80	20.39	20.02	2.73	-2.34
dv	CABI1	47.955	-115.671	-0.08	0.38	14.58	13.11	14.21	13.81	1.73	-0.56
dv	CACO1	41.976	-70.024	-0.52	0.00	26.16	16.34	21.07	20.99	2.93	-2.46
dv	CACR1	34.454	-94.143	-0.43	0.00	26.48	18.31	22.95	22.18	2.66	-1.94
dv	CANY1	38.459	-109.821	-0.16	0.00	12.51	9.55	10.82	10.95	1.18	-1.42

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dv	CAPI1	38.302	-111.293	-0.13	0.01	11.98	9.44	10.78	10.58	1.12	-1.26
dv	CEBL1	38.77	-99.763	-0.25	0.00	22.38	17.71	19.89	19.68	1.76	-1.25
dv	CHAS1	28.748	-82.555	-0.40	0.00	25.13	17.60	21.77	20.77	2.75	-1.91
dv	CHIR1	32.009	-109.389	-0.13	0.07	13.96	11.49	12.73	12.66	1.46	-1.03
dv	COHU1	34.785	-84.627	-0.75	0.00	30.58	16.39	23.30	22.74	4.27	-3.29
dv	CORI1	45.664	-121.001	-0.01	0.86	22.25	22.11	22.06	22.17	1.97	-0.03
dv	CRLA1	42.896	-122.136	-0.04	0.91	13.22	12.37	14.30	12.75	4.07	-0.35
dv	CRMO1	43.46	-113.555	-0.06	0.46	14.44	13.22	14.01	13.80	1.71	-0.47
dv	DENA1	63.723	-148.967	-0.09	0.28	10.65	8.92	9.86	9.74	1.51	-0.94
dv	DOME1	35.728	-118.138	-0.13	0.05	20.00	17.56	18.40	18.65	1.37	-0.69
dv	DOSO1	39.105	-79.426	-0.67	0.00	30.11	17.34	22.98	23.39	4.09	-2.87
dv	EGBE1	44.231	-79.783	-0.37	0.00	28.95	21.84	24.10	24.27	1.78	-1.54
dv	EVER1	25.391	-80.681	-0.25	0.00	21.53	16.85	19.51	19.07	1.74	-1.29
dv	FLAT1	47.773	-114.269	-0.14	0.36	15.52	12.77	14.80	13.93	2.50	-1.04
dv	FOPE1	48.308	-105.102	0.00	1.00	17.33	17.36	17.53	17.35	1.66	0.01
dv	FRRE1	39.706	-79.012	-0.72	0.00	30.68	17.09	23.04	22.45	3.72	-3.19
dv	GAMO1	46.826	-111.711	-0.02	0.62	11.56	11.25	12.02	11.41	2.30	-0.14
dv	GICL1	33.22	-108.235	-0.16	0.00	13.51	10.54	11.83	11.95	1.38	-1.31
dv	GLAC1	48.511	-113.997	-0.17	0.09	20.07	16.76	17.88	18.33	1.77	-0.95
dv	GRBA1	39.005	-114.216	-0.08	0.10	11.45	9.99	10.75	10.68	1.40	-0.72
dv	GRCA2	36.066	-112.154	-0.19	0.00	12.44	8.80	10.79	10.71	1.64	-1.79
dv	GRGU1	44.308	-71.218	-0.52	0.00	22.29	12.48	17.88	17.13	3.24	-3.01
dv	GRII1	43.937	-91.405	-0.39	0.00	27.58	20.16	23.48	23.28	2.26	-1.68
dv	GRSA1	37.725	-105.519	-0.14	0.01	13.31	10.59	11.70	11.88	1.25	-1.21
dv	GRSM1	35.633	-83.942	-0.75	0.00	30.76	16.59	23.55	23.30	4.49	-3.20
dv	GUMO1	31.833	-104.809	-0.15	0.02	17.24	14.35	15.72	15.72	1.37	-0.97
dv	HAVO1	19.431	-155.258	-0.06	0.81	22.48	21.42	21.79	21.92	4.11	-0.26
dv	HECA1	44.97	-116.844	-0.21	0.17	19.29	15.21	16.93	17.14	2.66	-1.25
dv	HEGL1	36.614	-92.922	-0.44	0.00	27.34	18.99	22.86	22.95	2.61	-1.92
dv	HOOV1	38.088	-119.177	0.01	0.91	12.14	12.34	12.90	12.25	2.56	0.08
dv	IKBA1	34.34	-111.683	-0.11	0.02	14.06	11.98	13.01	12.97	1.09	-0.84
dv	ISLE1	47.46	-88.149	-0.40	0.00	23.04	15.50	19.26	19.08	2.54	-2.08
dv	JARB1	41.893	-115.426	0.01	0.97	12.64	12.82	12.95	12.73	1.61	0.08
dv	JARI1	37.627	-79.512	-0.70	0.00	30.20	16.96	23.39	23.23	4.03	-3.00
dv	JOSH1	34.07	-116.389	-0.33	0.00	19.41	13.23	16.91	16.15	2.07	-2.01
dv	KAIS1	37.221	-119.155	-0.06	0.62	16.00	14.81	15.66	15.34	1.59	-0.41
dv	KALM1	42.552	-124.059	-0.11	0.02	16.58	14.42	15.42	15.44	1.27	-0.73

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
dv	LABE1	41.712	-121.507	-0.04	0.81	14.61	13.90	15.15	14.24	3.76	-0.26
dv	LASU2	40.693	-92.006	-0.46	0.00	29.43	20.72	23.92	23.93	2.27	-1.92
dv	LAVO1	40.54	-121.577	-0.13	0.20	15.13	12.66	14.75	13.83	2.96	-0.94
dv	LIGO1	35.972	-81.933	-0.74	0.00	30.51	16.42	23.02	22.72	4.78	-3.26
dv	LOST1	48.642	-102.402	-0.15	0.00	20.54	17.71	19.01	19.05	1.15	-0.78
dv	MACA1	37.132	-86.148	-0.63	0.00	31.49	19.49	25.63	25.17	3.72	-2.51
dv	MAVI1	41.331	-70.785	-0.33	0.00	25.39	19.21	21.92	21.81	1.93	-1.49
dv	MEAD1	36.019	-114.068	-0.17	0.00	13.84	10.55	12.14	11.93	1.15	-1.45
dv	MELA1	48.487	-104.476	-0.04	0.51	17.96	17.13	17.72	17.52	1.37	-0.25
dv	MEVE1	37.198	-108.491	-0.22	0.00	13.03	8.93	11.20	10.87	1.89	-1.99
dv	MING1	36.972	-90.143	-0.53	0.00	30.48	20.46	24.23	24.42	3.14	-2.16
dv	MOHO1	45.289	-121.784	-0.19	0.02	16.15	12.52	14.12	14.24	1.94	-1.34
dv	MOMO1	41.821	-73.297	-0.65	0.00	27.83	15.57	21.17	20.73	3.60	-3.11
dv	MONT1	47.122	-113.154	-0.01	0.79	14.69	14.45	15.42	14.57	3.19	-0.09
dv	MOOS1	45.126	-67.266	-0.44	0.00	21.26	12.85	17.89	16.84	2.66	-2.63
dv	MORA1	46.758	-122.124	-0.25	0.00	18.56	13.79	16.32	16.05	1.65	-1.56
dv	MOZI1	40.538	-106.677	-0.16	0.10	11.63	8.63	10.07	10.05	1.45	-1.57
dv	NEBR1	41.889	-100.339	-0.25	0.00	21.22	16.38	18.23	18.29	1.89	-1.39
dv	NOAB1	44.745	-109.382	-0.14	0.03	12.48	9.87	11.29	11.24	1.51	-1.22
dv	NOCA1	48.732	-121.065	-0.13	0.17	15.18	12.74	14.78	13.90	2.99	-0.92
dv	NOCH1	45.65	-106.557	-0.13	0.14	14.63	12.09	14.06	13.16	2.14	-1.02
dv	OKEF1	30.74	-82.128	-0.46	0.00	26.82	18.04	22.30	22.20	2.94	-2.08
dv	OLYM1	48.007	-122.973	-0.22	0.00	17.19	12.98	15.00	14.86	1.43	-1.49
dv	ORPI1	31.951	-112.802	-0.11	0.03	14.73	12.65	13.73	13.52	1.16	-0.81
dv	PASA1	48.388	-119.927	-0.09	0.25	15.13	13.50	14.71	14.27	2.97	-0.60
dv	PEFO1	35.078	-109.769	-0.19	0.00	14.19	10.58	12.33	12.29	1.60	-1.55
dv	PENO1	44.948	-68.648	-0.35	0.00	23.14	16.51	19.14	18.78	1.60	-1.86
dv	PINN1	36.483	-121.157	-0.14	0.01	18.88	16.21	17.25	17.47	1.36	-0.80
dv	PMRF1	44.528	-72.869	-0.59	0.00	24.77	13.60	19.67	18.89	3.50	-3.11
dv	PORE1	38.122	-122.909	-0.21	0.03	23.06	19.02	20.96	20.83	1.37	-1.02
dv	PRIS1	46.696	-68.033	-0.42	0.00	22.12	14.22	18.67	17.96	2.59	-2.32
dv	QUCI1	39.943	-81.338	-0.60	0.00	30.91	19.55	24.83	24.63	3.31	-2.43
dv	QURE1	42.299	-72.335	-0.61	0.00	26.79	15.25	22.12	21.93	2.90	-2.77
dv	QUVA1	33.294	-111.286	-0.18	0.02	16.76	13.40	15.01	15.34	1.19	-1.15
dv	RAFA1	34.734	-120.007	-0.22	0.00	19.72	15.46	17.91	17.48	1.49	-1.28
dv	REDW1	41.561	-124.084	0.00	0.97	18.56	18.56	18.59	18.56	1.20	0.00
dv	ROMA1	32.941	-79.657	-0.48	0.00	27.58	18.47	22.67	22.79	2.96	-2.10

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
dv	ROMO1	40.278	-105.546	-0.18	0.02	14.98	11.55	12.97	13.18	1.60	-1.37
dv	SACR1	33.46	-104.404	-0.10	0.06	18.48	16.55	17.52	17.46	1.22	-0.58
dv	SAGA1	34.297	-118.028	-0.32	0.00	20.41	14.32	17.27	17.04	2.01	-1.88
dv	SAGO1	34.194	-116.913	-0.46	0.00	21.67	13.00	18.48	17.10	2.74	-2.67
dv	SAGU1	32.175	-110.737	-0.17	0.00	14.89	11.60	13.60	13.16	1.30	-1.32
dv	SAMA1	30.093	-84.161	-0.50	0.00	27.79	18.19	22.54	22.48	3.09	-2.25
dv	SAPE1	36.014	-106.845	-0.11	0.01	11.38	9.35	10.40	10.31	1.01	-1.04
dv	SAWE1	32.249	-111.218	-0.15	0.00	16.25	13.43	14.83	14.69	1.17	-1.01
dv	SAWT1	44.171	-114.927	-0.04	0.92	14.13	13.39	15.12	13.74	4.15	-0.29
dv	SENE1	46.289	-85.95	-0.44	0.00	25.71	17.31	21.33	21.29	2.93	-2.08
dv	SEQU1	36.489	-118.829	-0.25	0.02	23.35	18.68	21.67	20.89	2.22	-1.18
dv	SHEN1	38.523	-78.435	-0.74	0.00	30.11	15.97	23.09	22.67	4.33	-3.28
dv	SHMI1	37.304	-107.484	-0.10	0.30	13.01	11.09	11.95	11.80	1.08	-0.86
dv	SHRO1	35.394	-82.774	-0.76	0.00	30.37	15.88	21.96	21.98	4.59	-3.47
dv	SIME1	55.326	-160.506	-0.07	0.27	18.72	17.48	17.94	18.04	0.90	-0.36
dv	SIPS1	34.343	-87.339	-0.62	0.00	29.19	17.38	23.97	22.97	3.87	-2.70
dv	SNPA1	47.422	-121.426	-0.20	0.00	18.38	14.57	16.15	16.37	1.71	-1.23
dv	STAR1	45.225	-118.513	-0.26	0.00	18.16	13.13	15.93	15.51	2.03	-1.71
dv	SULA1	45.86	-114	-0.08	0.22	13.56	11.96	14.27	12.72	4.63	-0.66
dv	SWAN1	35.451	-76.207	-0.47	0.00	26.60	17.58	21.61	21.38	3.13	-2.22
dv	SYCA1	35.141	-111.969	-0.02	0.66	15.73	15.38	15.57	15.58	1.18	-0.12
dv	TALL1	38.434	-96.56	-0.36	0.00	25.74	18.96	22.31	21.81	2.06	-1.64
dv	THBA1	44.663	-105.287	-0.08	0.30	15.77	14.22	14.98	14.79	1.62	-0.55
dv	THRO1	46.895	-103.378	-0.11	0.12	18.71	16.54	17.50	17.57	1.42	-0.65
dv	THSI1	44.291	-122.043	-0.06	0.34	16.06	14.84	15.72	15.42	1.59	-0.42
dv	TONT1	33.655	-111.107	-0.12	0.01	14.91	12.63	13.60	13.71	1.14	-0.87
dv	TRCR1	62.315	-150.316	-0.12	0.05	11.96	9.65	11.34	10.68	1.49	-1.13
dv	TRIN1	40.786	-122.805	-0.16	0.18	16.72	13.67	15.72	15.35	2.57	-1.04
dv	ULBE1	47.582	-108.72	-0.04	0.38	14.95	14.16	14.72	14.53	1.46	-0.28
dv	UPBU1	35.826	-93.203	-0.48	0.00	27.58	18.52	22.87	22.81	2.92	-2.09
dv	VIIS1	18.336	-64.796	0.07	0.16	17.94	19.21	18.57	18.54	1.10	0.36
dv	VILA1	40.969	-95.045	-0.39	0.00	27.70	20.33	23.53	23.44	2.25	-1.65
dv	VOYA2	48.413	-92.829	-0.22	0.00	20.01	15.89	17.93	17.84	1.65	-1.21
dv	WEMI1	37.659	-107.8	-0.10	0.02	11.10	9.26	10.31	10.13	1.27	-0.96
dv	WHIT1	33.469	-105.535	-0.11	0.12	14.46	12.31	13.52	13.27	1.56	-0.85
dv	WHPA1	46.624	-121.388	-0.12	0.06	13.88	11.54	12.72	12.65	1.44	-0.97
dv	WHPE1	36.585	-105.452	-0.13	0.04	11.35	8.86	10.02	10.04	1.08	-1.31

Species	Site	Lat (°)	Lon (°)	Slope (Mm⁻¹ yr⁻¹)	Statistical Significance (p)	Beg. Year b_{ext} (Mm⁻¹)	End Year b_{ext} (Mm⁻¹)	Mean (Mm⁻¹)	Median (Mm⁻¹)	Standard Deviation (Mm⁻¹)	Trend (% yr⁻¹)
dv	WHRI1	39.154	-106.821	-0.13	0.05	11.01	8.45	9.43	9.66	1.39	-1.39
dv	WICA1	43.558	-103.484	-0.16	0.00	16.56	13.43	15.02	15.00	1.32	-1.10
dv	WIMO1	34.732	-98.713	-0.30	0.00	23.85	18.15	21.16	20.85	2.04	-1.44
dv	YELL2	44.565	-110.4	0.00	0.97	11.74	11.79	12.08	11.77	1.82	0.03
dv	YOSE1	37.713	-119.706	-0.08	0.42	17.22	15.65	16.70	16.39	2.81	-0.50
dv	ZICA1	37.198	-113.151	-0.16	0.00	13.44	10.32	11.78	11.63	1.19	-1.41

Appendix 7.3. IMPROVE Long-Term (1990–2019) Light Extinction Coefficient Percentile Trends

Table 7.3.1. IMPROVE long-term (1990–2019) 10th percentile ambient b_{ext} trends for sites that met completeness criteria (see Chapter 7). Species include ammonium sulfate (AS), ammonium nitrate (AN), particulate organic matter (POM), elemental carbon (EC), fine dust (FD), coarse mass (CM), fine b_{ext} , aerosol b_{ext} , total b_{ext} (aerosol + Rayleigh), and deciview (dv). The slope is derived from a linear trend regression, beginning and end year b_{ext} are based on the linear fit for year 1990 and 2019, the mean and median 10th percentile b_{ext} over the 1990-2019 period, standard deviation in the mean over the 1990-2019 period, and trend is the slope divided by the median b_{ext} times 100. Wavelength of 500nm.

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b_{ext} (Mm ⁻¹)	End Year b_{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	ACAD1	44.377	-68.261	-0.25	0.00	8.95	1.71	5.84	5.33	2.52	-4.68
AS	BADL1	43.743	-101.941	-0.08	0.00	4.31	1.88	3.00	3.10	0.88	-2.70
AS	BAND1	35.78	-106.266	-0.07	0.00	2.96	0.97	2.03	1.97	0.65	-3.50
AS	BIBE1	29.303	-103.178	-0.10	0.00	4.64	1.64	3.30	3.14	1.02	-3.30
AS	BLIS1	38.976	-120.103	-0.02	0.00	1.43	0.74	1.17	1.06	0.41	-2.26
AS	BOWA1	47.947	-91.495	-0.14	0.00	5.24	1.22	3.10	2.95	1.28	-4.70
AS	BRCA1	37.618	-112.174	-0.03	0.00	1.73	0.89	1.33	1.29	0.37	-2.22
AS	BRID1	42.975	-109.758	-0.04	0.00	1.80	0.78	1.29	1.29	0.36	-2.74
AS	BRIG1	39.465	-74.449	-0.55	0.00	21.24	5.15	12.15	12.64	5.11	-4.39
AS	CANY1	38.459	-109.821	-0.06	0.00	2.63	1.02	1.93	1.82	0.59	-3.04
AS	CHAS1	28.748	-82.555	-0.63	0.00	25.80	7.63	15.63	15.77	5.03	-3.97
AS	CHIR1	32.009	-109.389	-0.06	0.00	2.92	1.13	2.18	2.03	0.67	-3.04
AS	CORI1	45.664	-121.001	-0.13	0.00	5.43	1.61	3.37	3.26	1.20	-4.04
AS	CRLA1	42.896	-122.136	-0.02	0.00	1.18	0.61	0.95	0.88	0.38	-2.21
AS	CRMO1	43.46	-113.555	-0.04	0.00	1.87	0.76	1.27	1.20	0.34	-3.20
AS	DENA1	63.723	-148.967	-0.01	0.00	0.83	0.49	0.71	0.66	0.19	-1.74
AS	DOSO1	39.105	-79.426	-0.61	0.00	20.26	2.60	11.74	10.82	5.54	-5.63
AS	EVER1	25.391	-80.681	-0.18	0.00	11.94	6.60	8.67	8.63	1.65	-2.14
AS	GICL1	33.22	-108.235	-0.07	0.00	2.68	0.68	1.75	1.54	0.61	-4.48
AS	GLAC1	48.511	-113.997	-0.09	0.00	3.75	1.16	2.46	2.46	0.87	-3.63
AS	GRBA1	39.005	-114.216	-0.02	0.00	1.16	0.71	0.94	0.92	0.22	-1.69
AS	GRCA2	36.066	-112.154	-0.04	0.00	2.11	0.86	1.54	1.47	0.52	-2.94
AS	GRSA1	37.725	-105.519	-0.05	0.00	2.32	0.83	1.73	1.58	0.53	-3.26
AS	GRSM1	35.633	-83.942	-0.63	0.00	24.84	6.52	14.09	15.68	5.92	-4.03
AS	GUMO1	31.833	-104.809	-0.09	0.00	4.05	1.44	2.84	2.74	0.86	-3.29
AS	HAVO1	19.431	-155.258	-0.04	0.13	2.85	1.82	2.22	2.17	0.42	-1.64
AS	JARB1	41.893	-115.426	-0.01	0.01	1.13	0.77	0.99	0.94	0.19	-1.34
AS	LAVO1	40.54	-121.577	-0.01	0.25	1.02	0.87	0.93	0.94	0.19	-0.55
AS	LYBR1	43.148	-73.127	-0.18	0.00	5.99	0.88	4.38	3.88	1.46	-4.55
AS	MACA1	37.132	-86.148	-0.78	0.00	31.11	8.42	17.43	18.99	6.64	-4.12

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	MEVE1	37.198	-108.491	-0.07	0.00	2.97	1.03	2.08	2.00	0.65	-3.34
AS	MOOS1	45.126	-67.266	-0.22	0.00	8.89	2.39	4.83	5.08	1.75	-4.41
AS	MORA1	46.758	-122.124	-0.06	0.00	2.63	1.00	1.90	1.79	0.68	-3.13
AS	MOZI1	40.538	-106.677	-0.05	0.00	1.98	0.63	1.35	1.16	0.46	-4.01
AS	OKEF1	30.74	-82.128	-0.60	0.00	25.43	8.17	15.60	16.21	5.31	-3.67
AS	PEFO1	35.078	-109.769	-0.06	0.00	2.93	1.13	2.05	2.03	0.58	-3.05
AS	PINN1	36.483	-121.157	-0.07	0.00	4.08	2.05	3.18	3.07	0.78	-2.29
AS	PORE1	38.122	-122.909	-0.09	0.00	5.38	2.87	4.07	4.12	0.91	-2.10
AS	REDW1	41.561	-124.084	-0.04	0.00	2.43	1.25	1.97	1.84	0.52	-2.21
AS	ROMA1	32.941	-79.657	-0.66	0.00	26.58	7.54	14.59	15.42	5.05	-4.26
AS	ROMO1	40.278	-105.546	-0.03	0.00	1.47	0.69	1.16	1.07	0.33	-2.51
AS	SAGO1	34.194	-116.913	-0.02	0.00	1.69	0.96	1.39	1.30	0.39	-1.91
AS	SAGU1	32.175	-110.737	-0.06	0.00	3.07	1.37	2.09	1.99	0.59	-2.96
AS	SAWT1	44.171	-114.927	-0.02	0.00	1.30	0.60	0.85	0.87	0.23	-2.75
AS	SEQU1	36.489	-118.829	-0.04	0.02	3.08	1.79	2.51	2.39	0.89	-1.85
AS	SHEN1	38.523	-78.435	-0.46	0.00	16.72	3.48	10.54	10.10	4.38	-4.52
AS	SHRO1	35.394	-82.774	-0.35	0.00	12.07	2.05	5.96	6.02	2.94	-5.74
AS	SIPS1	34.343	-87.339	-0.76	0.00	27.86	5.72	15.53	15.64	6.76	-4.88
AS	SNPA1	47.422	-121.426	-0.10	0.00	3.60	0.61	1.96	1.79	1.05	-5.74
AS	SULA1	45.86	-114	-0.03	0.00	1.60	0.62	1.01	1.01	0.31	-3.34
AS	THSI1	44.291	-122.043	-0.01	0.19	1.17	0.81	1.02	0.97	0.32	-1.29
AS	TONT1	33.655	-111.107	-0.06	0.00	3.33	1.52	2.35	2.39	0.58	-2.61
AS	UPBU1	35.826	-93.203	-0.34	0.00	13.52	3.77	8.22	8.31	3.08	-4.05
AS	WEMI1	37.659	-107.8	-0.03	0.00	1.67	0.85	1.33	1.26	0.39	-2.23
AS	WHRI1	39.154	-106.821	-0.03	0.00	1.55	0.64	1.01	1.00	0.27	-3.12
AS	YELL2	44.565	-110.4	-0.04	0.00	1.84	0.77	1.33	1.31	0.37	-2.83
AS	YOSE1	37.713	-119.706	-0.02	0.02	1.47	0.89	1.21	1.18	0.32	-1.69
AN	ACAD1	44.377	-68.261	-0.02	0.00	0.97	0.32	0.66	0.59	0.23	-3.79
AN	BADL1	43.743	-101.941	0.00	0.80	0.54	0.55	0.55	0.55	0.09	0.04
AN	BAND1	35.78	-106.266	-0.01	0.00	0.46	0.31	0.37	0.38	0.08	-1.38
AN	BIBE1	29.303	-103.178	0.00	0.30	0.35	0.30	0.33	0.33	0.07	-0.53
AN	BLIS1	38.976	-120.103	-0.01	0.00	0.44	0.14	0.30	0.27	0.11	-3.87
AN	BOWA1	47.947	-91.495	-0.01	0.00	0.37	0.16	0.27	0.24	0.11	-3.12
AN	BRCA1	37.618	-112.174	0.00	0.09	0.26	0.21	0.25	0.23	0.06	-0.74
AN	BRID1	42.975	-109.758	0.00	0.51	0.20	0.19	0.20	0.19	0.06	-0.18
AN	BRIG1	39.465	-74.449	-0.07	0.00	3.41	1.41	2.35	2.17	0.70	-3.18
AN	CANY1	38.459	-109.821	0.00	0.00	0.29	0.21	0.26	0.24	0.06	-1.19

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AN	CHAS1	28.748	-82.555	-0.04	0.00	2.66	1.55	2.05	1.95	0.42	-1.95
AN	CHIR1	32.009	-109.389	0.00	0.80	0.25	0.24	0.25	0.24	0.06	-0.13
AN	CRLA1	42.896	-122.136	0.00	0.27	0.21	0.15	0.18	0.17	0.05	-1.26
AN	DENA1	63.723	-148.967	0.00	0.13	0.07	0.05	0.06	0.06	0.03	-1.10
AN	DOSO1	39.105	-79.426	-0.03	0.00	1.42	0.57	1.00	0.89	0.31	-3.28
AN	GICL1	33.22	-108.235	0.00	0.12	0.24	0.14	0.19	0.17	0.05	-1.93
AN	GLAC1	48.511	-113.997	-0.01	0.00	0.74	0.33	0.52	0.50	0.16	-2.84
AN	GRBA1	39.005	-114.216	0.00	0.08	0.20	0.12	0.16	0.15	0.04	-1.65
AN	GRCA2	36.066	-112.154	0.00	0.08	0.27	0.21	0.24	0.23	0.05	-0.90
AN	GRSA1	37.725	-105.519	0.00	0.01	0.33	0.25	0.30	0.28	0.07	-1.00
AN	GRSM1	35.633	-83.942	-0.03	0.00	1.71	0.75	1.21	1.14	0.33	-2.89
AN	GUMO1	31.833	-104.809	0.00	0.82	0.49	0.47	0.50	0.48	0.10	-0.16
AN	HAVO1	19.431	-155.258	0.00	0.23	0.24	0.17	0.20	0.19	0.06	-1.13
AN	JARB1	41.893	-115.426	0.00	0.15	0.16	0.13	0.15	0.15	0.04	-0.72
AN	LAVO1	40.54	-121.577	0.00	0.51	0.21	0.16	0.19	0.18	0.06	-0.87
AN	MACA1	37.132	-86.148	-0.05	0.00	2.80	1.36	2.08	1.90	0.61	-2.61
AN	MEVE1	37.198	-108.491	0.00	0.01	0.38	0.26	0.33	0.31	0.09	-1.29
AN	MORA1	46.758	-122.124	-0.01	0.00	0.50	0.16	0.35	0.29	0.14	-3.97
AN	OKEF1	30.74	-82.128	-0.04	0.00	2.19	1.03	1.58	1.47	0.42	-2.73
AN	PEFO1	35.078	-109.769	-0.01	0.00	0.46	0.31	0.38	0.37	0.09	-1.43
AN	PINN1	36.483	-121.157	-0.04	0.00	2.40	1.10	1.61	1.64	0.49	-2.72
AN	PORE1	38.122	-122.909	-0.03	0.00	1.67	0.92	1.25	1.23	0.33	-2.10
AN	REDW1	41.561	-124.084	-0.02	0.00	0.79	0.31	0.54	0.51	0.19	-3.23
AN	ROMO1	40.278	-105.546	0.00	0.35	0.15	0.17	0.16	0.17	0.04	0.46
AN	SAGO1	34.194	-116.913	-0.03	0.00	0.89	0.12	0.70	0.42	0.50	-6.25
AN	SAGU1	32.175	-110.737	0.00	0.23	0.60	0.50	0.55	0.53	0.09	-0.63
AN	SEQU1	36.489	-118.829	-0.03	0.02	2.14	1.23	1.54	1.58	0.46	-2.01
AN	SHEN1	38.523	-78.435	-0.04	0.00	2.05	0.82	1.48	1.33	0.52	-3.20
AN	SIPS1	34.343	-87.339	-0.06	0.00	2.42	0.64	1.61	1.32	0.60	-4.67
AN	THSI1	44.291	-122.043	0.00	0.06	0.22	0.13	0.19	0.16	0.08	-1.86
AN	TONT1	33.655	-111.107	0.00	0.01	0.48	0.35	0.42	0.40	0.08	-1.11
AN	UPBU1	35.826	-93.203	-0.05	0.00	2.46	1.14	1.53	1.64	0.44	-2.79
AN	WEMI1	37.659	-107.8	0.00	0.03	0.19	0.15	0.18	0.16	0.04	-0.88
AN	YELL2	44.565	-110.4	0.00	0.12	0.24	0.20	0.22	0.22	0.05	-0.62
AN	YOSE1	37.713	-119.706	0.00	0.21	0.30	0.21	0.27	0.25	0.10	-1.13
POM	ACAD1	44.377	-68.261	-0.05	0.00	2.79	1.47	2.13	2.13	0.55	-2.14
POM	BADL1	43.743	-101.941	-0.04	0.00	2.33	1.26	1.78	1.80	0.61	-2.05

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
POM	BAND1	35.78	-106.266	-0.05	0.00	2.76	1.32	1.95	2.04	0.52	-2.42
POM	BIBE1	29.303	-103.178	-0.04	0.00	2.17	1.14	1.84	1.66	0.57	-2.13
POM	BLIS1	38.976	-120.103	-0.04	0.00	1.61	0.53	1.20	1.04	0.50	-3.59
POM	BOWA1	47.947	-91.495	-0.06	0.00	2.17	0.57	1.42	1.23	0.56	-4.49
POM	BRCA1	37.618	-112.174	-0.03	0.00	1.37	0.54	0.92	0.94	0.31	-3.06
POM	BRID1	42.975	-109.758	-0.03	0.00	1.14	0.31	0.77	0.72	0.32	-3.97
POM	BRIG1	39.465	-74.449	-0.08	0.00	4.96	2.75	3.72	3.82	0.87	-1.99
POM	CANY1	38.459	-109.821	-0.04	0.00	1.49	0.46	1.03	0.98	0.37	-3.64
POM	CHAS1	28.748	-82.555	-0.11	0.00	7.20	4.14	5.59	5.51	1.07	-1.92
POM	CHIR1	32.009	-109.389	-0.03	0.00	1.78	0.77	1.37	1.28	0.42	-2.72
POM	CORI1	45.664	-121.001	-0.08	0.00	4.08	1.81	2.71	2.75	0.67	-2.85
POM	CRLA1	42.896	-122.136	-0.02	0.00	0.94	0.25	0.64	0.56	0.28	-4.25
POM	DENA1	63.723	-148.967	-0.01	0.00	0.69	0.32	0.52	0.50	0.19	-2.59
POM	DOSO1	39.105	-79.426	-0.13	0.00	5.62	1.81	3.75	3.58	1.29	-3.67
POM	GICL1	33.22	-108.235	-0.04	0.00	1.99	0.78	1.37	1.30	0.41	-3.19
POM	GLAC1	48.511	-113.997	-0.09	0.00	4.37	1.84	3.12	3.10	0.98	-2.80
POM	GRBA1	39.005	-114.216	-0.05	0.00	2.17	0.60	1.34	1.30	0.55	-4.16
POM	GRCA2	36.066	-112.154	-0.04	0.00	1.38	0.23	0.97	0.79	0.51	-5.04
POM	GRSA1	37.725	-105.519	-0.02	0.00	2.01	1.37	1.73	1.69	0.35	-1.31
POM	GRSM1	35.633	-83.942	-0.12	0.00	5.97	2.37	4.32	4.17	1.25	-2.97
POM	GUMO1	31.833	-104.809	-0.05	0.00	2.52	1.18	1.82	1.85	0.52	-2.49
POM	JARB1	41.893	-115.426	-0.03	0.00	1.12	0.28	0.70	0.67	0.31	-4.30
POM	LAVO1	40.54	-121.577	-0.04	0.00	1.52	0.23	1.00	0.87	0.52	-5.10
POM	MACA1	37.132	-86.148	-0.11	0.00	6.50	3.43	4.94	4.85	1.00	-2.18
POM	MEVE1	37.198	-108.491	-0.03	0.00	1.71	0.77	1.30	1.24	0.44	-2.61
POM	MOOS1	45.126	-67.266	-0.08	0.00	3.54	1.25	2.28	2.20	0.60	-3.60
POM	MORA1	46.758	-122.124	-0.08	0.00	2.34	0.11	1.52	1.19	0.81	-6.48
POM	MOZI1	40.538	-106.677	-0.02	0.00	1.14	0.48	0.69	0.74	0.24	-3.04
POM	OKEF1	30.74	-82.128	-0.10	0.00	7.01	4.13	5.80	5.47	1.05	-1.82
POM	PEFO1	35.078	-109.769	-0.07	0.00	2.68	0.79	1.84	1.74	0.68	-3.75
POM	PINN1	36.483	-121.157	-0.04	0.00	3.01	1.78	2.47	2.40	0.60	-1.78
POM	PORE1	38.122	-122.909	-0.03	0.00	1.29	0.29	0.95	0.79	0.46	-4.37
POM	REDW1	41.561	-124.084	-0.03	0.00	1.38	0.55	1.09	0.96	0.42	-2.98
POM	ROMA1	32.941	-79.657	-0.10	0.00	5.46	2.69	4.07	3.84	0.97	-2.49
POM	ROMO1	40.278	-105.546	-0.03	0.00	1.41	0.45	1.02	0.92	0.38	-3.60
POM	SAGO1	34.194	-116.913	-0.05	0.00	2.36	0.80	1.57	1.53	0.62	-3.51
POM	SAGU1	32.175	-110.737	-0.03	0.01	2.83	1.87	2.29	2.22	0.45	-1.50

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
POM	SEQU1	36.489	-118.829	-0.06	0.00	4.73	2.88	3.67	3.68	0.91	-1.74
POM	SHEN1	38.523	-78.435	-0.08	0.00	3.91	1.66	2.78	2.78	0.81	-2.79
POM	SHRO1	35.394	-82.774	-0.06	0.00	3.14	1.39	2.03	2.12	0.73	-2.86
POM	SIPS1	34.343	-87.339	-0.15	0.00	7.64	3.34	5.67	5.27	1.50	-2.81
POM	SNPA1	47.422	-121.426	-0.04	0.00	1.38	0.30	0.83	0.73	0.44	-5.16
POM	THSI1	44.291	-122.043	-0.02	0.00	0.87	0.24	0.56	0.51	0.24	-4.25
POM	TONT1	33.655	-111.107	-0.06	0.00	3.13	1.39	2.34	2.23	0.61	-2.68
POM	UPBU1	35.826	-93.203	-0.08	0.00	5.21	2.81	3.89	3.93	0.92	-2.10
POM	WEMI1	37.659	-107.8	-0.03	0.00	1.61	0.78	1.09	1.20	0.33	-2.38
POM	YELL2	44.565	-110.4	-0.06	0.00	2.12	0.45	1.32	1.28	0.65	-4.48
POM	YOSE1	37.713	-119.706	-0.02	0.06	1.52	0.97	1.38	1.24	0.59	-1.52
EC	ACAD1	44.377	-68.261	-0.04	0.00	1.16	-0.02	0.65	0.57	0.38	-7.16
EC	BADL1	43.743	-101.941	-0.01	0.00	0.63	0.27	0.43	0.45	0.16	-2.77
EC	BAND1	35.78	-106.266	-0.02	0.00	0.85	0.29	0.57	0.57	0.22	-3.40
EC	BIBE1	29.303	-103.178	-0.01	0.00	0.57	0.26	0.45	0.42	0.16	-2.65
EC	BLIS1	38.976	-120.103	-0.02	0.00	0.60	0.01	0.33	0.29	0.20	-7.08
EC	BOWA1	47.947	-91.495	-0.01	0.00	0.53	0.12	0.32	0.29	0.16	-4.93
EC	BRCA1	37.618	-112.174	-0.01	0.00	0.38	0.03	0.23	0.20	0.13	-5.97
EC	BRID1	42.975	-109.758	-0.01	0.00	0.27	0.08	0.16	0.18	0.09	-3.72
EC	BRIG1	39.465	-74.449	-0.07	0.00	2.40	0.43	1.34	1.38	0.62	-4.93
EC	CANY1	38.459	-109.821	-0.01	0.00	0.52	0.10	0.32	0.31	0.18	-4.72
EC	CHAS1	28.748	-82.555	-0.08	0.00	3.02	0.76	1.71	1.77	0.69	-4.39
EC	CHIR1	32.009	-109.389	-0.02	0.00	0.61	0.17	0.40	0.39	0.16	-3.88
EC	CORI1	45.664	-121.001	-0.05	0.00	1.61	0.28	0.89	0.83	0.40	-5.54
EC	CRLA1	42.896	-122.136	-0.02	0.00	0.52	0.01	0.27	0.24	0.17	-7.51
EC	DENA1	63.723	-148.967	-0.01	0.00	0.17	0.00	0.10	0.09	0.08	-6.52
EC	DOSO1	39.105	-79.426	-0.06	0.00	2.28	0.47	1.31	1.31	0.56	-4.77
EC	GICL1	33.22	-108.235	-0.02	0.00	0.72	0.05	0.39	0.34	0.19	-6.73
EC	GLAC1	48.511	-113.997	-0.02	0.00	1.27	0.66	0.98	0.97	0.30	-2.16
EC	GRBA1	39.005	-114.216	-0.02	0.00	0.64	0.05	0.32	0.31	0.19	-6.57
EC	GRCA2	36.066	-112.154	-0.02	0.00	0.50	0.01	0.28	0.25	0.18	-6.78
EC	GRSA1	37.725	-105.519	-0.01	0.00	0.53	0.20	0.35	0.36	0.13	-3.06
EC	GRSM1	35.633	-83.942	-0.06	0.00	2.48	0.77	1.56	1.62	0.63	-3.65
EC	GUMO1	31.833	-104.809	-0.01	0.00	0.62	0.31	0.44	0.46	0.15	-2.25
EC	HAVO1	19.431	-155.258	0.00	0.00	0.12	0.01	0.05	0.05	0.04	-8.18
EC	JARB1	41.893	-115.426	-0.01	0.00	0.23	0.05	0.13	0.13	0.09	-4.80
EC	LAVO1	40.54	-121.577	-0.01	0.00	0.38	0.04	0.24	0.21	0.13	-5.72

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
EC	MACA1	37.132	-86.148	-0.06	0.00	2.92	1.19	1.94	1.99	0.59	-3.00
EC	MEVE1	37.198	-108.491	-0.01	0.00	0.52	0.13	0.38	0.33	0.22	-4.08
EC	MOOS1	45.126	-67.266	-0.04	0.00	1.18	0.03	0.57	0.51	0.31	-7.81
EC	MORA1	46.758	-122.124	-0.02	0.00	0.70	0.04	0.38	0.36	0.22	-6.39
EC	MOZI1	40.538	-106.677	-0.02	0.00	0.45	0.00	0.21	0.18	0.13	-8.85
EC	OKEF1	30.74	-82.128	-0.05	0.00	2.08	0.60	1.35	1.29	0.54	-3.97
EC	PEFO1	35.078	-109.769	-0.03	0.00	1.29	0.38	0.81	0.84	0.35	-3.75
EC	PINN1	36.483	-121.157	-0.03	0.00	1.05	0.10	0.64	0.57	0.33	-5.73
EC	PORE1	38.122	-122.909	-0.01	0.00	0.21	-0.01	0.12	0.09	0.08	-7.90
EC	REDW1	41.561	-124.084	-0.01	0.00	0.24	0.01	0.16	0.13	0.11	-6.29
EC	ROMA1	32.941	-79.657	-0.04	0.00	1.42	0.13	0.89	0.66	0.44	-6.72
EC	ROMO1	40.278	-105.546	-0.01	0.00	0.42	0.08	0.28	0.24	0.17	-4.80
EC	SAGO1	34.194	-116.913	-0.04	0.00	1.34	0.06	0.69	0.66	0.45	-6.74
EC	SAGU1	32.175	-110.737	-0.03	0.00	1.23	0.30	0.80	0.64	0.31	-5.01
EC	SEQU1	36.489	-118.829	-0.04	0.00	1.75	0.46	1.04	1.02	0.45	-4.40
EC	SHEN1	38.523	-78.435	-0.05	0.00	1.97	0.54	1.17	1.26	0.47	-3.93
EC	SHRO1	35.394	-82.774	-0.03	0.00	1.13	0.14	0.62	0.55	0.31	-6.15
EC	SIPS1	34.343	-87.339	-0.09	0.00	3.32	0.71	2.00	1.88	0.85	-4.78
EC	SNPA1	47.422	-121.426	-0.03	0.00	0.99	0.04	0.44	0.41	0.27	-7.92
EC	THSI1	44.291	-122.043	-0.01	0.00	0.29	-0.02	0.14	0.11	0.12	-9.29
EC	TONT1	33.655	-111.107	-0.03	0.00	0.97	0.24	0.70	0.59	0.30	-4.23
EC	UPBU1	35.826	-93.203	-0.04	0.00	1.88	0.68	1.20	1.24	0.39	-3.32
EC	WEMI1	37.659	-107.8	-0.02	0.00	0.87	0.22	0.45	0.54	0.22	-4.14
EC	YELL2	44.565	-110.4	-0.01	0.00	0.39	0.05	0.21	0.21	0.13	-5.62
EC	YOSE1	37.713	-119.706	-0.02	0.00	0.56	0.07	0.35	0.31	0.19	-5.44
FD	ACAD1	44.377	-68.261	0.00	0.00	0.08	0.02	0.06	0.05	0.03	-4.10
FD	BADL1	43.743	-101.941	0.00	0.00	0.21	0.14	0.18	0.17	0.04	-1.45
FD	BAND1	35.78	-106.266	0.00	0.28	0.15	0.12	0.14	0.14	0.04	-0.74
FD	BIBE1	29.303	-103.178	0.00	0.40	0.25	0.19	0.24	0.22	0.10	-0.94
FD	BLIS1	38.976	-120.103	0.00	0.00	0.10	0.05	0.07	0.07	0.02	-2.20
FD	BOWA1	47.947	-91.495	0.00	0.00	0.10	0.03	0.06	0.06	0.02	-4.34
FD	BRCA1	37.618	-112.174	0.00	0.01	0.11	0.06	0.09	0.09	0.03	-1.90
FD	BRID1	42.975	-109.758	0.00	0.00	0.08	0.03	0.06	0.06	0.02	-2.78
FD	BRIG1	39.465	-74.449	0.00	0.00	0.23	0.10	0.15	0.16	0.05	-2.77
FD	CANY1	38.459	-109.821	0.00	0.01	0.15	0.09	0.12	0.12	0.04	-1.85
FD	CHAS1	28.748	-82.555	0.00	0.00	0.24	0.12	0.18	0.17	0.05	-2.48
FD	CHIR1	32.009	-109.389	0.00	0.73	0.18	0.17	0.19	0.18	0.07	-0.25

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
FD	CORI1	45.664	-121.001	0.00	0.01	0.23	0.14	0.18	0.18	0.06	-1.74
FD	CRLA1	42.896	-122.136	0.00	0.00	0.06	0.02	0.04	0.04	0.02	-3.09
FD	CRMO1	43.46	-113.555	0.00	0.00	0.13	0.04	0.07	0.08	0.03	-4.14
FD	DENA1	63.723	-148.967	0.00	0.00	0.07	0.00	0.04	0.04	0.02	-5.95
FD	DOSO1	39.105	-79.426	0.00	0.00	0.17	0.06	0.11	0.11	0.05	-3.56
FD	EVER1	25.391	-80.681	0.00	0.02	0.12	0.08	0.10	0.10	0.02	-1.39
FD	GICL1	33.22	-108.235	0.00	0.18	0.14	0.10	0.13	0.12	0.04	-1.25
FD	GLAC1	48.511	-113.997	0.00	0.00	0.15	0.07	0.10	0.11	0.03	-2.60
FD	GRBA1	39.005	-114.216	0.00	0.01	0.11	0.07	0.08	0.09	0.03	-1.79
FD	GRCA2	36.066	-112.154	0.00	0.15	0.11	0.09	0.11	0.10	0.03	-0.94
FD	GRSA1	37.725	-105.519	0.00	0.33	0.18	0.15	0.17	0.16	0.05	-0.63
FD	GRSM1	35.633	-83.942	0.00	0.00	0.19	0.07	0.12	0.13	0.06	-3.10
FD	GUMO1	31.833	-104.809	0.00	0.01	0.20	0.35	0.29	0.28	0.12	1.80
FD	HALE1	20.809	-156.282	0.00	0.30	0.06	0.05	0.05	0.06	0.01	-1.05
FD	HAVO1	19.431	-155.258	0.00	0.00	0.03	0.01	0.02	0.02	0.01	-3.07
FD	JARB1	41.893	-115.426	0.00	0.00	0.08	0.05	0.07	0.07	0.02	-1.46
FD	LAVO1	40.54	-121.577	0.00	0.00	0.07	0.03	0.05	0.05	0.02	-3.22
FD	LYBR1	43.148	-73.127	0.00	0.01	0.07	0.02	0.05	0.05	0.03	-3.80
FD	MACA1	37.132	-86.148	-0.01	0.00	0.33	0.14	0.21	0.23	0.07	-2.84
FD	MEVE1	37.198	-108.491	0.00	0.17	0.14	0.11	0.14	0.13	0.05	-1.02
FD	MOOS1	45.126	-67.266	0.00	0.00	0.10	0.03	0.06	0.06	0.02	-3.87
FD	MORA1	46.758	-122.124	0.00	0.00	0.04	0.01	0.03	0.02	0.01	-4.95
FD	MOZI1	40.538	-106.677	0.00	0.00	0.11	0.02	0.06	0.06	0.03	-5.94
FD	OKEF1	30.74	-82.128	0.00	0.00	0.21	0.12	0.16	0.16	0.05	-2.08
FD	PEFO1	35.078	-109.769	0.00	0.17	0.22	0.18	0.22	0.20	0.07	-0.71
FD	PINN1	36.483	-121.157	0.00	0.05	0.10	0.08	0.09	0.09	0.02	-0.91
FD	PORE1	38.122	-122.909	0.00	0.00	0.07	0.04	0.06	0.06	0.02	-2.38
FD	REDW1	41.561	-124.084	0.00	0.00	0.04	0.01	0.03	0.03	0.01	-3.66
FD	ROMA1	32.941	-79.657	0.00	0.02	0.18	0.09	0.14	0.13	0.05	-2.41
FD	ROMO1	40.278	-105.546	0.00	0.00	0.14	0.07	0.11	0.10	0.04	-2.23
FD	SAGO1	34.194	-116.913	0.00	0.00	0.19	0.09	0.14	0.14	0.05	-2.66
FD	SAGU1	32.175	-110.737	-0.01	0.25	0.53	0.33	0.46	0.40	0.19	-1.74
FD	SAWT1	44.171	-114.927	0.00	0.00	0.08	0.03	0.05	0.05	0.02	-2.73
FD	SEQU1	36.489	-118.829	0.00	0.00	0.14	0.07	0.11	0.10	0.03	-2.46
FD	SHEN1	38.523	-78.435	0.00	0.00	0.15	0.05	0.10	0.10	0.04	-3.74
FD	SHRO1	35.394	-82.774	0.00	0.00	0.15	0.03	0.08	0.08	0.04	-5.57
FD	SIPS1	34.343	-87.339	-0.01	0.00	0.32	0.13	0.21	0.22	0.07	-2.99

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
FD	SNPA1	47.422	-121.426	0.00	0.00	0.04	0.01	0.02	0.02	0.01	-5.25
FD	SULA1	45.86	-114	0.00	0.00	0.07	0.02	0.04	0.04	0.02	-4.43
FD	THSI1	44.291	-122.043	0.00	0.00	0.03	0.00	0.02	0.02	0.01	-5.97
FD	TONT1	33.655	-111.107	0.00	0.97	0.22	0.22	0.24	0.22	0.08	-0.01
FD	UPBU1	35.826	-93.203	0.00	0.01	0.24	0.11	0.15	0.17	0.05	-2.51
FD	VIIS1	18.336	-64.796	0.00	0.35	0.09	0.07	0.08	0.08	0.03	-0.65
FD	WEMI1	37.659	-107.8	0.00	0.00	0.15	0.09	0.12	0.12	0.03	-1.95
FD	WHRI1	39.154	-106.821	0.00	0.14	0.09	0.07	0.08	0.08	0.02	-0.94
FD	YELL2	44.565	-110.4	0.00	0.00	0.09	0.01	0.05	0.05	0.03	-5.91
FD	YOSE1	37.713	-119.706	0.00	0.00	0.08	0.04	0.07	0.06	0.02	-2.09
CM	ACAD1	44.377	-68.261	-0.01	0.10	0.62	0.41	0.58	0.52	0.24	-1.41
CM	BADL1	43.743	-101.941	-0.01	0.00	0.81	0.39	0.65	0.60	0.21	-2.41
CM	BAND1	35.78	-106.266	-0.01	0.01	0.70	0.28	0.58	0.49	0.23	-2.95
CM	BIBE1	29.303	-103.178	-0.01	0.22	1.34	0.95	1.16	1.14	0.41	-1.19
CM	BLIS1	38.976	-120.103	0.00	0.61	0.31	0.24	0.31	0.27	0.12	-0.99
CM	BOWA1	47.947	-91.495	-0.01	0.01	0.35	0.18	0.27	0.25	0.11	-2.37
CM	BRCA1	37.618	-112.174	-0.01	0.00	0.39	0.13	0.28	0.26	0.13	-3.46
CM	BRID1	42.975	-109.758	-0.01	0.00	0.30	0.00	0.22	0.15	0.19	-6.86
CM	BRIG1	39.465	-74.449	-0.04	0.02	2.44	1.23	1.92	1.77	0.72	-2.36
CM	CANY1	38.459	-109.821	-0.03	0.00	0.95	0.04	0.64	0.50	0.39	-6.39
CM	CHAS1	28.748	-82.555	-0.03	0.00	2.15	1.32	1.77	1.67	0.47	-1.71
CM	CHIR1	32.009	-109.389	-0.01	0.14	1.00	0.71	0.87	0.86	0.27	-1.16
CM	CORI1	45.664	-121.001	-0.03	0.01	1.27	0.46	0.85	0.78	0.38	-3.58
CM	CRLA1	42.896	-122.136	0.00	0.01	0.10	0.01	0.10	0.05	0.11	-6.27
CM	DENA1	63.723	-148.967	-0.01	0.00	0.29	-0.03	0.20	0.13	0.17	-8.43
CM	DOSO1	39.105	-79.426	0.01	0.22	0.27	0.46	0.36	0.38	0.21	1.76
CM	GICL1	33.22	-108.235	-0.01	0.13	0.57	0.18	0.43	0.35	0.25	-3.87
CM	GLAC1	48.511	-113.997	-0.02	0.00	0.52	0.02	0.40	0.27	0.28	-6.42
CM	GRBA1	39.005	-114.216	-0.01	0.00	0.50	0.08	0.32	0.27	0.17	-5.31
CM	GRCA2	36.066	-112.154	-0.02	0.00	0.55	0.00	0.47	0.28	0.33	-6.67
CM	GRSA1	37.725	-105.519	-0.01	0.00	0.71	0.29	0.53	0.50	0.22	-2.86
CM	GRSM1	35.633	-83.942	-0.01	0.09	0.89	0.61	0.77	0.75	0.22	-1.26
CM	GUMO1	31.833	-104.809	0.00	0.79	1.12	1.16	1.16	1.14	0.33	0.12
CM	JARB1	41.893	-115.426	-0.01	0.00	0.28	0.08	0.26	0.17	0.27	-4.17
CM	LAVO1	40.54	-121.577	0.00	0.87	0.17	0.16	0.18	0.16	0.11	-0.17
CM	MACA1	37.132	-86.148	0.00	0.78	0.90	0.98	0.84	0.94	0.37	0.28
CM	MEVE1	37.198	-108.491	0.00	0.31	0.40	0.28	0.37	0.34	0.15	-1.29

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
CM	MOOS1	45.126	-67.266	-0.01	0.00	0.57	0.34	0.48	0.43	0.18	-1.86
CM	MORA1	46.758	-122.124	-0.01	0.00	0.45	0.11	0.33	0.28	0.17	-4.17
CM	MOZI1	40.538	-106.677	-0.01	0.00	0.43	0.00	0.24	0.17	0.21	-8.94
CM	OKEF1	30.74	-82.128	-0.01	0.15	1.39	0.97	1.23	1.16	0.45	-1.26
CM	PEFO1	35.078	-109.769	0.00	0.68	0.51	0.55	0.52	0.53	0.14	0.26
CM	PINN1	36.483	-121.157	-0.01	0.12	1.39	1.03	1.27	1.21	0.34	-1.02
CM	PORE1	38.122	-122.909	-0.04	0.00	1.79	0.61	1.34	1.20	0.61	-3.40
CM	REDW1	41.561	-124.084	-0.02	0.00	1.02	0.43	0.79	0.73	0.28	-2.79
CM	ROMA1	32.941	-79.657	-0.04	0.01	2.20	0.93	1.49	1.45	0.63	-3.01
CM	ROMO1	40.278	-105.546	-0.01	0.00	0.53	0.16	0.37	0.34	0.17	-3.74
CM	SAGO1	34.194	-116.913	-0.02	0.00	0.92	0.39	0.74	0.64	0.30	-2.82
CM	SAGU1	32.175	-110.737	0.01	0.67	1.46	1.64	1.53	1.57	0.36	0.40
CM	SEQU1	36.489	-118.829	-0.02	0.04	1.45	0.78	1.21	1.07	0.51	-2.14
CM	SHEN1	38.523	-78.435	-0.02	0.00	0.85	0.36	0.67	0.60	0.24	-2.78
CM	SHRO1	35.394	-82.774	0.00	0.96	0.29	0.27	0.31	0.28	0.25	-0.18
CM	SIPS1	34.343	-87.339	-0.02	0.01	1.33	0.78	1.01	1.02	0.27	-1.86
CM	SNPA1	47.422	-121.426	0.00	0.86	0.05	0.06	0.08	0.05	0.09	0.49
CM	THSI1	44.291	-122.043	0.00	0.08	0.18	0.05	0.15	0.10	0.10	-4.37
CM	TONT1	33.655	-111.107	-0.02	0.02	1.20	0.74	1.01	0.96	0.32	-1.64
CM	UPBU1	35.826	-93.203	-0.03	0.00	1.63	0.63	1.05	1.08	0.45	-3.19
CM	WEMI1	37.659	-107.8	-0.02	0.00	0.69	0.19	0.49	0.44	0.22	-3.93
CM	YELL2	44.565	-110.4	-0.01	0.07	0.24	-0.01	0.19	0.11	0.17	-7.80
CM	YOSE1	37.713	-119.706	-0.01	0.00	0.58	0.15	0.46	0.36	0.25	-4.08
Fine bext	ACAD1	44.377	-68.261	-0.44	0.00	18.07	5.35	11.82	10.61	4.39	-4.13
Fine bext	BADL1	43.743	-101.941	-0.14	0.00	9.93	5.74	7.90	7.47	1.82	-1.93
Fine bext	BAND1	35.78	-106.266	-0.21	0.00	10.02	4.06	6.46	6.42	1.86	-3.20
Fine bext	BIBE1	29.303	-103.178	-0.15	0.00	9.26	4.92	7.29	6.72	1.76	-2.23
Fine bext	BLIS1	38.976	-120.103	-0.12	0.00	6.06	2.64	4.16	4.06	1.54	-2.91
Fine bext	BOWA1	47.947	-91.495	-0.32	0.00	12.83	3.43	8.02	7.00	3.16	-4.63
Fine bext	BRCA1	37.618	-112.174	-0.12	0.00	5.66	2.26	3.84	3.61	1.15	-3.25
Fine bext	BRID1	42.975	-109.758	-0.12	0.00	5.08	1.48	3.26	2.91	1.11	-4.26
Fine bext	BRIG1	39.465	-74.449	-0.91	0.00	40.42	13.98	24.61	23.10	8.22	-3.95
Fine bext	CANY1	38.459	-109.821	-0.18	0.00	7.58	2.43	5.04	4.56	1.69	-3.90
Fine bext	CHIR1	32.009	-109.389	-0.13	0.00	7.46	3.65	5.59	5.23	1.39	-2.52
Fine bext	CRLA1	42.896	-122.136	-0.08	0.00	4.48	2.28	3.42	3.04	1.19	-2.50
Fine bext	DENA1	63.723	-148.967	-0.06	0.00	3.13	1.52	2.37	2.16	0.64	-2.57
Fine bext	DOSO1	39.105	-79.426	-1.00	0.00	36.76	7.85	19.71	18.32	8.44	-5.44

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Fine bext	GLAC1	48.511	-113.997	-0.29	0.00	14.10	5.84	9.60	9.26	3.06	-3.08
Fine bext	GRBA1	39.005	-114.216	-0.12	0.00	5.57	2.08	3.57	3.34	1.12	-3.60
Fine bext	GRCA2	36.066	-112.154	-0.13	0.00	5.76	1.87	4.02	3.54	1.38	-3.78
Fine bext	GRSA1	37.725	-105.519	-0.15	0.00	8.00	3.74	5.90	5.50	1.49	-2.67
Fine bext	GRSM1	35.633	-83.942	-0.89	0.00	41.97	16.03	24.04	26.76	8.64	-3.34
Fine bext	GUMO1	31.833	-104.809	-0.15	0.00	10.45	6.13	7.88	7.84	1.60	-1.90
Fine bext	JARB1	41.893	-115.426	-0.08	0.00	4.19	1.92	2.87	2.74	0.69	-2.86
Fine bext	LAVO1	40.54	-121.577	-0.10	0.00	5.09	2.30	3.31	3.26	0.95	-2.96
Fine bext	MACA1	37.132	-86.148	-1.41	0.00	62.53	21.54	34.55	37.09	10.96	-3.81
Fine bext	MEVE1	37.198	-108.491	-0.16	0.00	8.02	3.27	5.32	5.24	1.55	-3.13
Fine bext	MORA1	46.758	-122.124	-0.18	0.00	8.82	3.55	6.06	5.64	2.45	-3.22
Fine bext	OKEF1	30.74	-82.128	-0.88	0.00	44.18	18.64	29.33	28.33	7.42	-3.11
Fine bext	PEFO1	35.078	-109.769	-0.20	0.00	10.03	4.14	6.57	6.47	1.81	-3.13
Fine bext	PINN1	36.483	-121.157	-0.20	0.00	14.52	8.63	11.73	11.07	2.48	-1.84
Fine bext	PORE1	38.122	-122.909	-0.24	0.00	17.50	10.43	13.12	13.11	2.84	-1.86
Fine bext	REDW1	41.561	-124.084	-0.12	0.00	9.57	6.20	7.55	7.59	1.77	-1.53
Fine bext	ROMO1	40.278	-105.546	-0.10	0.00	4.75	1.83	3.34	2.99	0.92	-3.36
Fine bext	SAGO1	34.194	-116.913	-0.23	0.00	8.99	2.29	5.66	4.95	2.44	-4.66
Fine bext	SAGU1	32.175	-110.737	-0.17	0.00	11.19	6.16	8.60	7.98	1.67	-2.17
Fine bext	SEQU1	36.489	-118.829	-0.19	0.03	13.64	8.15	10.55	10.04	2.73	-1.89
Fine bext	SHEN1	38.523	-78.435	-0.71	0.00	31.66	11.02	20.02	19.56	6.76	-3.64
Fine bext	TONT1	33.655	-111.107	-0.17	0.00	10.41	5.55	7.62	7.39	1.53	-2.27
Fine bext	UPBU1	35.826	-93.203	-0.69	0.00	31.78	11.84	19.24	19.06	6.05	-3.61
Fine bext	WEMI1	37.659	-107.8	-0.12	0.00	5.96	2.40	4.01	3.87	1.20	-3.18
Fine bext	YELL2	44.565	-110.4	-0.17	0.00	6.66	1.79	4.41	3.80	1.79	-4.42
Fine bext	YOSE1	37.713	-119.706	-0.08	0.00	5.47	3.16	4.11	4.12	1.19	-1.93
Aerosol bext	ACAD1	44.377	-68.261	-0.47	0.00	20.11	6.38	12.87	12.06	4.78	-3.93
Aerosol bext	BADL1	43.743	-101.941	-0.18	0.00	12.23	6.89	9.42	9.10	1.98	-2.02
Aerosol bext	BAND1	35.78	-106.266	-0.24	0.00	11.88	5.01	7.66	7.74	2.08	-3.06
Aerosol bext	BIBE1	29.303	-103.178	-0.20	0.00	12.48	6.71	9.62	9.10	2.26	-2.18
Aerosol bext	BLIS1	38.976	-120.103	-0.12	0.00	6.58	3.09	4.82	4.53	1.83	-2.66
Aerosol bext	BOWA1	47.947	-91.495	-0.34	0.00	13.73	3.90	8.74	7.63	3.23	-4.44
Aerosol bext	BRCA1	37.618	-112.174	-0.15	0.00	6.50	2.20	4.38	3.91	1.41	-3.80
Aerosol bext	BRID1	42.975	-109.758	-0.16	0.00	5.89	1.37	3.75	3.16	1.57	-4.93
Aerosol bext	BRIG1	39.465	-74.449	-1.06	0.00	46.49	15.78	28.80	26.37	9.02	-4.01
Aerosol bext	CANY1	38.459	-109.821	-0.23	0.00	9.48	2.68	6.32	5.49	2.44	-4.27
Aerosol bext	CHIR1	32.009	-109.389	-0.18	0.00	9.64	4.42	7.12	6.58	1.90	-2.73

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Aerosol bext	CRLA1	42.896	-122.136	-0.09	0.00	4.98	2.42	3.72	3.30	1.44	-2.67
Aerosol bext	DENA1	63.723	-148.967	-0.09	0.00	4.05	1.52	2.87	2.52	0.97	-3.45
Aerosol bext	DOSO1	39.105	-79.426	-1.01	0.00	38.36	9.12	20.76	19.71	8.71	-5.12
Aerosol bext	GLAC1	48.511	-113.997	-0.32	0.00	15.26	5.97	10.52	9.82	3.48	-3.26
Aerosol bext	GRBA1	39.005	-114.216	-0.13	0.00	6.24	2.38	4.22	3.78	1.42	-3.52
Aerosol bext	GRCA2	36.066	-112.154	-0.18	0.00	6.92	1.82	4.71	4.02	1.79	-4.38
Aerosol bext	GRSA1	37.725	-105.519	-0.17	0.00	9.66	4.78	7.01	6.80	1.85	-2.47
Aerosol bext	GRSM1	35.633	-83.942	-0.92	0.00	42.80	16.05	25.80	27.12	8.93	-3.40
Aerosol bext	GUMO1	31.833	-104.809	-0.20	0.00	13.65	7.92	10.34	10.19	2.10	-1.94
Aerosol bext	JARB1	41.893	-115.426	-0.10	0.00	5.05	2.06	3.39	3.14	1.07	-3.28
Aerosol bext	LAVO1	40.54	-121.577	-0.09	0.00	5.18	2.51	3.59	3.43	0.94	-2.69
Aerosol bext	MACA1	37.132	-86.148	-1.36	0.00	63.12	23.57	36.22	38.57	10.89	-3.54
Aerosol bext	MEVE1	37.198	-108.491	-0.17	0.00	9.04	3.97	6.20	6.07	1.89	-2.88
Aerosol bext	MORA1	46.758	-122.124	-0.23	0.00	10.03	3.29	6.89	5.96	3.00	-3.89
Aerosol bext	OKEF1	30.74	-82.128	-0.90	0.00	46.69	20.51	31.74	30.44	7.49	-2.96
Aerosol bext	PEFO1	35.078	-109.769	-0.23	0.00	11.74	4.96	7.99	7.65	2.18	-3.05
Aerosol bext	PINN1	36.483	-121.157	-0.23	0.00	16.76	10.05	13.74	12.82	3.12	-1.80
Aerosol bext	PORE1	38.122	-122.909	-0.31	0.00	20.32	11.28	15.19	14.71	3.39	-2.12
Aerosol bext	REDW1	41.561	-124.084	-0.17	0.00	11.08	6.22	8.77	8.23	2.36	-2.04
Aerosol bext	ROMO1	40.278	-105.546	-0.13	0.00	5.97	2.21	4.14	3.70	1.32	-3.51
Aerosol bext	SAGO1	34.194	-116.913	-0.27	0.00	11.03	3.22	7.19	6.32	3.28	-4.27
Aerosol bext	SAGU1	32.175	-110.737	-0.22	0.00	14.89	8.58	11.15	10.86	2.06	-2.00
Aerosol bext	SEQU1	36.489	-118.829	-0.24	0.02	16.14	9.28	12.03	11.65	3.01	-2.03
Aerosol bext	SHEN1	38.523	-78.435	-0.76	0.00	33.44	11.33	21.26	20.48	7.20	-3.72
Aerosol bext	TONT1	33.655	-111.107	-0.22	0.00	12.54	6.12	9.38	8.55	2.18	-2.59
Aerosol bext	UPBU1	35.826	-93.203	-0.81	0.00	36.25	12.69	21.75	21.22	6.75	-3.83
Aerosol bext	WEMI1	37.659	-107.8	-0.17	0.00	7.41	2.37	4.97	4.46	1.66	-3.89
Aerosol bext	YELL2	44.565	-110.4	-0.19	0.00	7.66	2.03	4.92	4.36	2.20	-4.46
Aerosol bext	YOSE1	37.713	-119.706	-0.12	0.00	6.82	3.30	4.90	4.75	1.52	-2.55
Total bext	ACAD1	44.377	-68.261	-0.47	0.00	32.11	18.38	24.87	24.06	4.78	-1.97
Total bext	BADL1	43.743	-101.941	-0.18	0.00	23.23	17.89	20.42	20.10	1.98	-0.92
Total bext	BAND1	35.78	-106.266	-0.24	0.00	20.88	14.01	16.66	16.74	2.08	-1.42
Total bext	BIBE1	29.303	-103.178	-0.20	0.00	22.48	16.71	19.62	19.10	2.26	-1.04
Total bext	BLIS1	38.976	-120.103	-0.12	0.00	15.58	12.09	13.82	13.53	1.83	-0.89
Total bext	BOWA1	47.947	-91.495	-0.34	0.00	24.73	14.90	19.74	18.63	3.23	-1.82
Total bext	BRCA1	37.618	-112.174	-0.15	0.00	15.50	11.20	13.38	12.91	1.41	-1.15
Total bext	BRID1	42.975	-109.758	-0.16	0.00	14.89	10.37	12.75	12.16	1.57	-1.28

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Total bext	BRIG1	39.465	-74.449	-1.06	0.00	58.49	27.78	40.80	38.37	9.02	-2.76
Total bext	CANY1	38.459	-109.821	-0.23	0.00	18.48	11.68	15.32	14.49	2.44	-1.62
Total bext	CHIR1	32.009	-109.389	-0.18	0.00	19.64	14.42	17.12	16.58	1.90	-1.08
Total bext	CRLA1	42.896	-122.136	-0.09	0.00	13.98	11.42	12.72	12.30	1.44	-0.72
Total bext	DENA1	63.723	-148.967	-0.09	0.00	15.05	12.52	13.87	13.52	0.97	-0.64
Total bext	DOSO1	39.105	-79.426	-1.01	0.00	48.36	19.12	30.76	29.71	8.71	-3.39
Total bext	GLAC1	48.511	-113.997	-0.32	0.00	26.26	16.97	21.52	20.82	3.48	-1.54
Total bext	GRBA1	39.005	-114.216	-0.13	0.00	15.24	11.38	13.22	12.78	1.42	-1.04
Total bext	GRCA2	36.066	-112.154	-0.18	0.00	15.92	10.82	13.71	13.02	1.79	-1.35
Total bext	GRSA1	37.725	-105.519	-0.17	0.00	18.66	13.78	16.01	15.80	1.85	-1.06
Total bext	GRSM1	35.633	-83.942	-0.92	0.00	53.80	27.05	36.80	38.12	8.93	-2.42
Total bext	GUMO1	31.833	-104.809	-0.20	0.00	22.65	16.92	19.34	19.19	2.10	-1.03
Total bext	JARB1	41.893	-115.426	-0.10	0.00	15.05	12.06	13.39	13.14	1.07	-0.78
Total bext	LAVO1	40.54	-121.577	-0.09	0.00	15.18	12.51	13.59	13.43	0.94	-0.69
Total bext	MACA1	37.132	-86.148	-1.36	0.00	74.12	34.57	47.22	49.57	10.89	-2.75
Total bext	MEVE1	37.198	-108.491	-0.17	0.00	18.04	12.97	15.20	15.07	1.89	-1.16
Total bext	MORA1	46.758	-122.124	-0.23	0.00	21.03	14.29	17.89	16.96	3.00	-1.37
Total bext	OKEF1	30.74	-82.128	-0.90	0.00	57.69	31.51	42.74	41.44	7.49	-2.18
Total bext	PEFO1	35.078	-109.769	-0.23	0.00	20.74	13.96	16.99	16.65	2.18	-1.40
Total bext	PINN1	36.483	-121.157	-0.23	0.00	27.76	21.05	24.74	23.82	3.12	-0.97
Total bext	PORE1	38.122	-122.909	-0.31	0.00	32.32	23.28	27.19	26.71	3.39	-1.17
Total bext	REDW1	41.561	-124.084	-0.17	0.00	22.08	17.22	19.77	19.23	2.36	-0.87
Total bext	ROMO1	40.278	-105.546	-0.13	0.00	14.97	11.21	13.14	12.70	1.32	-1.02
Total bext	SAGO1	34.194	-116.913	-0.27	0.00	21.03	13.22	17.19	16.32	3.28	-1.65
Total bext	SAGU1	32.175	-110.737	-0.22	0.00	24.89	18.58	21.15	20.86	2.06	-1.04
Total bext	SEQU1	36.489	-118.829	-0.24	0.02	27.14	20.28	23.03	22.65	3.01	-1.04
Total bext	SHEN1	38.523	-78.435	-0.76	0.00	43.44	21.33	31.26	30.48	7.20	-2.50
Total bext	TONT1	33.655	-111.107	-0.22	0.00	22.54	16.12	19.38	18.55	2.18	-1.19
Total bext	UPBU1	35.826	-93.203	-0.81	0.00	47.25	23.69	32.75	32.22	6.75	-2.52
Total bext	WEMI1	37.659	-107.8	-0.17	0.00	16.41	11.37	13.97	13.46	1.66	-1.29
Total bext	YELL2	44.565	-110.4	-0.19	0.00	16.66	11.03	13.92	13.36	2.20	-1.45
Total bext	YOSE1	37.713	-119.706	-0.12	0.00	16.82	13.30	14.90	14.75	1.52	-0.82
dv	ACAD1	44.377	-68.261	-0.19	0.00	11.99	6.52	8.95	8.78	1.82	-2.15
dv	BADL1	43.743	-101.941	-0.09	0.00	8.48	5.92	7.10	6.98	0.97	-1.27
dv	BAND1	35.78	-106.266	-0.14	0.00	7.57	3.56	5.03	5.15	1.24	-2.69
dv	BIBE1	29.303	-103.178	-0.10	0.00	8.15	5.28	6.68	6.47	1.14	-1.53
dv	BLIS1	38.976	-120.103	-0.09	0.00	4.54	1.95	3.16	3.02	1.21	-2.95

Species	Site	Lat (°)	Lon (°)	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
dv	BOWA1	47.947	-91.495	-0.17	0.00	9.28	4.35	6.68	6.22	1.58	-2.73
dv	BRCA1	37.618	-112.174	-0.11	0.00	4.41	1.33	2.86	2.55	1.02	-4.17
dv	BRID1	42.975	-109.758	-0.12	0.00	4.13	0.53	2.36	1.96	1.17	-6.32
dv	BRIG1	39.465	-74.449	-0.26	0.00	18.31	10.89	13.84	13.45	2.10	-1.90
dv	CANY1	38.459	-109.821	-0.15	0.00	6.31	1.87	4.15	3.71	1.51	-4.12
dv	CHIR1	32.009	-109.389	-0.10	0.00	6.79	3.83	5.32	5.06	1.09	-2.02
dv	CRLA1	42.896	-122.136	-0.07	0.00	3.42	1.36	2.35	2.07	1.03	-3.42
dv	DENA1	63.723	-148.967	-0.06	0.00	4.10	2.31	3.25	3.02	0.67	-2.05
dv	DOSO1	39.105	-79.426	-0.36	0.00	17.49	7.14	10.87	10.89	2.75	-3.28
dv	GLAC1	48.511	-113.997	-0.15	0.00	9.80	5.59	7.54	7.33	1.55	-1.98
dv	GRBA1	39.005	-114.216	-0.10	0.00	4.33	1.39	2.74	2.45	1.00	-4.13
dv	GRCA2	36.066	-112.154	-0.13	0.00	4.74	1.04	3.08	2.64	1.23	-4.83
dv	GRSA1	37.725	-105.519	-0.10	0.00	6.32	3.35	4.64	4.58	1.12	-2.24
dv	GRSM1	35.633	-83.942	-0.26	0.00	17.79	10.27	12.72	13.38	2.62	-1.94
dv	GUMO1	31.833	-104.809	-0.10	0.00	8.29	5.35	6.54	6.52	1.08	-1.56
dv	JARB1	41.893	-115.426	-0.08	0.00	4.15	1.93	2.89	2.73	0.76	-2.80
dv	LAVO1	40.54	-121.577	-0.07	0.00	4.23	2.27	3.05	2.95	0.67	-2.29
dv	MACA1	37.132	-86.148	-0.29	0.00	21.27	12.79	15.25	16.01	2.44	-1.83
dv	MEVE1	37.198	-108.491	-0.12	0.00	6.13	2.67	4.12	4.10	1.21	-2.91
dv	MORA1	46.758	-122.124	-0.13	0.00	7.58	3.77	5.70	5.29	1.53	-2.49
dv	OKEF1	30.74	-82.128	-0.21	0.00	17.95	11.93	14.38	14.22	1.74	-1.46
dv	PEFO1	35.078	-109.769	-0.14	0.00	7.50	3.52	5.22	5.10	1.24	-2.69
dv	PINN1	36.483	-121.157	-0.09	0.00	10.27	7.56	8.99	8.68	1.17	-1.08
dv	PORE1	38.122	-122.909	-0.12	0.00	11.94	8.53	9.93	9.82	1.26	-1.20
dv	REDW1	41.561	-124.084	-0.09	0.00	8.00	5.51	6.75	6.54	1.17	-1.31
dv	ROMO1	40.278	-105.546	-0.10	0.00	4.13	1.25	2.68	2.39	0.96	-4.16
dv	SAGO1	34.194	-116.913	-0.16	0.00	7.63	3.07	5.26	4.88	1.75	-3.22
dv	SAGU1	32.175	-110.737	-0.10	0.00	9.29	6.26	7.45	7.35	0.95	-1.42
dv	SEQU1	36.489	-118.829	-0.10	0.02	10.10	7.16	8.26	8.17	1.30	-1.24
dv	SHEN1	38.523	-78.435	-0.25	0.00	15.34	8.18	11.14	11.14	2.30	-2.22
dv	TONT1	33.655	-111.107	-0.12	0.00	8.26	4.91	6.56	6.18	1.09	-1.87
dv	UPBU1	35.826	-93.203	-0.24	0.00	16.22	9.13	11.66	11.70	2.04	-2.09
dv	WEMI1	37.659	-107.8	-0.12	0.00	5.07	1.49	3.28	2.97	1.16	-4.16
dv	YELL2	44.565	-110.4	-0.14	0.00	5.27	1.22	3.20	2.89	1.47	-4.83
dv	YOSE1	37.713	-119.706	-0.08	0.00	5.22	2.95	3.94	3.89	0.99	-2.01

Table 7.3.2. IMPROVE long-term (1990–2019) 50th percentile ambient b_{ext} trends for sites that met completeness criteria (see Chapter 7). Species include ammonium sulfate (AS), ammonium nitrate (AN), particulate organic matter (POM), elemental carbon (EC), fine dust (FD), coarse mass (CM), fine b_{ext}, aerosol b_{ext}, total b_{ext} (aerosol + Rayleigh), and deciview (dv). The slope is derived from a linear trend regression, beginning and end year b_{ext} are based on the linear fit for year 1990 and 2019, the mean and median 50th percentile b_{ext} over the 1990-2019 period, standard deviation in the mean over the 1990-2019 period, and trend is the slope divided by the median b_{ext} times 100. Wavelength of 500nm.

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	ACAD1	44.377	-68.261	-0.70	0.00	24.16	3.77	14.70	13.97	6.49	-5.04
AS	BADL1	43.743	-101.941	-0.20	0.00	10.92	5.01	7.98	7.97	2.03	-2.56
AS	BAND1	35.78	-106.266	-0.13	0.00	6.13	2.46	4.30	4.29	1.17	-2.95
AS	BIBE1	29.303	-103.178	-0.11	0.00	11.51	8.24	9.54	9.88	1.63	-1.14
AS	BLIS1	38.976	-120.103	-0.06	0.00	3.89	2.04	3.05	2.90	0.67	-2.20
AS	BOWA1	47.947	-91.495	-0.35	0.00	14.73	4.55	8.96	8.94	3.06	-3.92
AS	BRCA1	37.618	-112.174	-0.09	0.00	4.52	2.03	3.20	3.23	0.77	-2.66
AS	BRID1	42.975	-109.758	-0.07	0.00	4.10	1.96	2.94	3.03	0.72	-2.43
AS	BRIG1	39.465	-74.449	-1.42	0.00	53.00	11.80	28.11	30.98	11.55	-4.59
AS	CANY1	38.459	-109.821	-0.12	0.00	5.44	1.83	3.71	3.64	1.15	-3.42
AS	CHAS1	28.748	-82.555	-1.39	0.00	55.64	15.28	30.52	33.37	11.15	-4.17
AS	CHIR1	32.009	-109.389	-0.16	0.00	7.39	2.88	5.00	5.14	1.47	-3.03
AS	CORI1	45.664	-121.001	-0.33	0.00	13.55	4.05	8.51	8.14	2.73	-4.02
AS	CRLA1	42.896	-122.136	-0.06	0.00	4.16	2.36	3.31	3.23	0.78	-1.91
AS	CRMO1	43.46	-113.555	-0.07	0.00	3.95	2.00	2.69	2.77	0.58	-2.43
AS	DENA1	63.723	-148.967	-0.03	0.01	2.75	1.87	2.34	2.31	0.55	-1.31
AS	DOSO1	39.105	-79.426	-1.51	0.00	56.06	12.35	31.14	32.70	13.93	-4.61
AS	EVER1	25.391	-80.681	-0.51	0.00	25.45	10.54	16.56	16.20	4.42	-3.17
AS	GICL1	33.22	-108.235	-0.13	0.00	6.03	2.18	3.92	3.84	1.08	-3.46
AS	GLAC1	48.511	-113.997	-0.19	0.00	8.11	2.71	5.53	5.41	1.71	-3.44
AS	GRBA1	39.005	-114.216	-0.05	0.00	3.08	1.73	2.36	2.34	0.46	-1.98
AS	GRCA2	36.066	-112.154	-0.11	0.00	5.18	2.13	3.66	3.60	0.94	-2.92
AS	GRSA1	37.725	-105.519	-0.11	0.00	5.66	2.41	3.96	4.03	1.03	-2.78
AS	GRSM1	35.633	-83.942	-1.69	0.00	68.03	18.96	37.52	43.49	15.53	-3.89
AS	GUMO1	31.833	-104.809	-0.16	0.00	9.39	4.87	6.99	7.13	1.56	-2.18
AS	HAVO1	19.431	-155.258	-0.02	0.67	7.73	7.24	7.04	7.41	1.22	-0.23
AS	JARB1	41.893	-115.426	-0.04	0.00	2.97	1.89	2.34	2.41	0.42	-1.54
AS	LAVO1	40.54	-121.577	-0.04	0.02	3.52	2.40	3.02	2.92	0.57	-1.33
AS	LYBR1	43.148	-73.127	-0.58	0.00	20.77	3.86	13.87	13.77	3.91	-4.23
AS	MACA1	37.132	-86.148	-2.05	0.00	78.44	19.10	42.80	46.72	17.59	-4.38
AS	MEVE1	37.198	-108.491	-0.13	0.00	5.94	2.31	4.16	4.12	1.19	-3.04
AS	MOOS1	45.126	-67.266	-0.56	0.00	22.06	5.73	11.81	12.49	4.33	-4.51

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	MORA1	46.758	-122.124	-0.35	0.00	13.39	3.27	8.48	8.16	3.31	-4.28
AS	MOZI1	40.538	-106.677	-0.10	0.00	5.21	2.17	3.28	3.37	0.88	-3.11
AS	OKEF1	30.74	-82.128	-1.40	0.00	57.02	16.49	32.30	35.36	11.63	-3.95
AS	PEFO1	35.078	-109.769	-0.12	0.00	5.97	2.63	4.15	4.30	1.03	-2.68
AS	PINN1	36.483	-121.157	-0.18	0.00	10.30	5.04	7.44	7.67	1.71	-2.36
AS	PORE1	38.122	-122.909	-0.16	0.00	12.25	7.68	9.37	9.96	1.89	-1.58
AS	REDW1	41.561	-124.084	-0.15	0.00	9.36	4.88	6.91	7.12	1.60	-2.17
AS	ROMA1	32.941	-79.657	-1.63	0.00	62.42	15.07	31.70	34.66	12.37	-4.71
AS	ROMO1	40.278	-105.546	-0.11	0.00	5.52	2.20	3.81	3.80	1.06	-3.01
AS	SAGO1	34.194	-116.913	-0.19	0.00	8.97	3.53	6.14	6.06	1.83	-3.10
AS	SAGU1	32.175	-110.737	-0.15	0.00	7.12	2.80	4.47	4.36	1.28	-3.41
AS	SAWT1	44.171	-114.927	-0.05	0.00	3.04	1.62	2.06	2.18	0.42	-2.24
AS	SEQU1	36.489	-118.829	-0.19	0.00	12.08	6.51	9.01	9.11	1.92	-2.11
AS	SHEN1	38.523	-78.435	-1.33	0.00	52.95	14.44	29.26	33.69	12.01	-3.94
AS	SHRO1	35.394	-82.774	-1.32	0.00	46.87	8.52	23.04	23.72	10.96	-5.57
AS	SIPS1	34.343	-87.339	-2.05	0.00	73.68	14.15	37.76	40.84	17.37	-5.03
AS	SNPA1	47.422	-121.426	-0.32	0.00	11.84	2.44	6.81	6.17	2.73	-5.25
AS	SULA1	45.86	-114	-0.07	0.00	3.92	1.80	2.59	2.64	0.57	-2.77
AS	THSI1	44.291	-122.043	-0.11	0.00	6.73	3.53	4.72	4.91	1.04	-2.25
AS	TONT1	33.655	-111.107	-0.14	0.00	7.25	3.20	5.04	5.15	1.23	-2.71
AS	UPBU1	35.826	-93.203	-1.01	0.00	41.55	12.40	24.54	25.97	8.56	-3.87
AS	WEMI1	37.659	-107.8	-0.10	0.00	4.66	1.90	3.35	3.28	0.91	-2.91
AS	WHRI1	39.154	-106.821	-0.09	0.00	4.50	1.80	2.79	2.87	0.68	-3.24
AS	YELL2	44.565	-110.4	-0.07	0.00	4.00	2.00	2.84	3.00	0.68	-2.30
AS	YOSE1	37.713	-119.706	-0.08	0.00	5.53	3.10	4.40	4.31	0.88	-1.94
AN	ACAD1	44.377	-68.261	-0.07	0.00	3.05	1.11	2.07	1.91	0.68	-3.51
AN	BADL1	43.743	-101.941	0.00	0.89	1.53	1.54	1.56	1.53	0.27	0.03
AN	BAND1	35.78	-106.266	-0.01	0.00	0.98	0.66	0.79	0.80	0.16	-1.39
AN	BIBE1	29.303	-103.178	0.00	0.89	0.80	0.80	0.84	0.80	0.12	0.02
AN	BLIS1	38.976	-120.103	-0.03	0.00	1.23	0.44	0.86	0.77	0.27	-3.55
AN	BOWA1	47.947	-91.495	-0.03	0.00	1.72	0.72	1.12	1.10	0.39	-3.14
AN	BRCA1	37.618	-112.174	-0.01	0.00	0.88	0.64	0.74	0.73	0.14	-1.13
AN	BRID1	42.975	-109.758	-0.01	0.02	0.71	0.55	0.62	0.61	0.14	-0.95
AN	BRIG1	39.465	-74.449	-0.15	0.00	8.49	4.11	5.83	5.77	1.34	-2.62
AN	CANY1	38.459	-109.821	-0.01	0.00	0.85	0.54	0.66	0.67	0.16	-1.63
AN	CHAS1	28.748	-82.555	-0.07	0.00	5.31	3.24	4.11	3.99	0.69	-1.79
AN	CHIR1	32.009	-109.389	0.00	0.61	0.64	0.61	0.65	0.62	0.14	-0.21

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AN	CRLA1	42.896	-122.136	-0.01	0.01	0.82	0.41	0.63	0.56	0.21	-2.56
AN	DENA1	63.723	-148.967	0.00	0.00	0.32	0.19	0.25	0.24	0.06	-1.90
AN	DOSO1	39.105	-79.426	-0.04	0.02	3.10	2.06	2.64	2.45	0.57	-1.46
AN	GICL1	33.22	-108.235	0.00	0.13	0.53	0.43	0.47	0.47	0.07	-0.68
AN	GLAC1	48.511	-113.997	-0.04	0.00	1.82	0.79	1.27	1.21	0.38	-2.95
AN	GRBA1	39.005	-114.216	-0.01	0.01	0.63	0.33	0.47	0.44	0.11	-2.33
AN	GRCA2	36.066	-112.154	-0.01	0.00	0.81	0.61	0.69	0.69	0.09	-1.01
AN	GRSA1	37.725	-105.519	-0.01	0.00	0.90	0.62	0.74	0.74	0.17	-1.33
AN	GRSM1	35.633	-83.942	-0.05	0.00	3.43	1.98	2.61	2.58	0.57	-1.94
AN	GUMO1	31.833	-104.809	0.00	0.74	1.18	1.13	1.13	1.15	0.18	-0.13
AN	HAVO1	19.431	-155.258	-0.01	0.12	0.75	0.57	0.65	0.63	0.12	-1.00
AN	JARB1	41.893	-115.426	0.00	0.00	0.50	0.37	0.43	0.42	0.07	-1.07
AN	LAVO1	40.54	-121.577	-0.01	0.01	0.91	0.53	0.67	0.68	0.19	-1.93
AN	MACA1	37.132	-86.148	-0.23	0.00	10.06	3.31	6.11	5.87	1.88	-3.97
AN	MEVE1	37.198	-108.491	-0.01	0.04	0.89	0.63	0.75	0.74	0.19	-1.20
AN	MORA1	46.758	-122.124	-0.05	0.00	2.10	0.67	1.43	1.24	0.49	-3.99
AN	OKEF1	30.74	-82.128	-0.07	0.00	4.50	2.47	3.51	3.24	0.73	-2.17
AN	PEFO1	35.078	-109.769	-0.01	0.01	0.96	0.71	0.84	0.81	0.18	-1.10
AN	PINN1	36.483	-121.157	-0.16	0.00	7.42	2.85	5.00	4.74	1.62	-3.32
AN	PORE1	38.122	-122.909	-0.08	0.00	4.42	2.13	3.20	3.08	0.83	-2.56
AN	REDW1	41.561	-124.084	-0.06	0.00	3.17	1.39	2.11	2.12	0.68	-2.89
AN	ROMO1	40.278	-105.546	-0.01	0.00	1.02	0.68	0.86	0.82	0.22	-1.45
AN	SAGO1	34.194	-116.913	-0.59	0.00	17.11	-0.11	8.59	6.72	5.60	-8.83
AN	SAGU1	32.175	-110.737	-0.01	0.09	1.34	1.07	1.17	1.17	0.15	-0.79
AN	SEQU1	36.489	-118.829	-0.12	0.00	6.96	3.51	4.60	4.82	1.36	-2.46
AN	SHEN1	38.523	-78.435	-0.06	0.00	5.04	3.31	4.11	4.02	1.02	-1.48
AN	SIPS1	34.343	-87.339	-0.15	0.00	6.42	2.07	3.94	3.72	1.37	-4.04
AN	THSI1	44.291	-122.043	-0.03	0.00	1.24	0.40	0.76	0.69	0.25	-4.18
AN	TONT1	33.655	-111.107	-0.01	0.01	1.16	0.88	1.02	0.99	0.18	-0.96
AN	UPBU1	35.826	-93.203	-0.14	0.00	7.03	3.05	4.48	4.56	1.28	-3.01
AN	WEMI1	37.659	-107.8	0.00	0.06	0.51	0.42	0.46	0.46	0.09	-0.74
AN	YELL2	44.565	-110.4	-0.01	0.02	0.84	0.61	0.71	0.71	0.15	-1.13
AN	YOSE1	37.713	-119.706	-0.03	0.00	1.73	0.93	1.26	1.26	0.35	-2.21
POM	ACAD1	44.377	-68.261	-0.10	0.00	6.18	3.35	4.86	4.76	1.20	-2.05
POM	BADL1	43.743	-101.941	-0.06	0.00	4.94	3.17	4.24	4.05	1.06	-1.50
POM	BAND1	35.78	-106.266	-0.09	0.00	5.45	2.93	4.38	4.19	0.94	-2.07
POM	BIBE1	29.303	-103.178	-0.08	0.00	5.42	3.22	4.49	4.32	0.94	-1.76

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
POM	BLIS1	38.976	-120.103	-0.09	0.00	6.31	3.63	4.87	4.87	1.12	-1.90
POM	BOWA1	47.947	-91.495	-0.10	0.00	6.03	3.09	4.51	4.31	1.14	-2.36
POM	BRCA1	37.618	-112.174	-0.06	0.00	3.69	1.98	2.85	2.80	0.57	-2.10
POM	BRID1	42.975	-109.758	-0.04	0.00	3.25	1.99	2.72	2.62	0.63	-1.66
POM	BRIG1	39.465	-74.449	-0.16	0.00	11.24	6.55	8.81	8.81	1.58	-1.84
POM	CANY1	38.459	-109.821	-0.06	0.00	3.58	1.76	2.87	2.67	0.70	-2.36
POM	CHAS1	28.748	-82.555	-0.17	0.00	13.18	8.15	9.98	10.40	1.73	-1.67
POM	CHIR1	32.009	-109.389	-0.06	0.00	3.72	2.08	3.04	2.90	0.66	-1.96
POM	CORI1	45.664	-121.001	-0.18	0.00	10.05	4.94	7.15	7.06	1.72	-2.50
POM	CRLA1	42.896	-122.136	-0.05	0.00	3.73	2.26	2.90	2.92	0.69	-1.73
POM	DENA1	63.723	-148.967	-0.02	0.00	1.76	1.17	1.52	1.47	0.29	-1.39
POM	DOSO1	39.105	-79.426	-0.26	0.00	12.11	4.45	8.37	8.01	2.40	-3.29
POM	GICL1	33.22	-108.235	-0.09	0.00	5.06	2.54	3.63	3.62	1.05	-2.40
POM	GLAC1	48.511	-113.997	-0.19	0.00	11.57	5.93	9.00	8.75	2.02	-2.22
POM	GRBA1	39.005	-114.216	-0.08	0.00	4.38	1.93	3.13	3.03	0.89	-2.80
POM	GRCA2	36.066	-112.154	-0.06	0.00	3.87	2.19	3.02	3.00	0.74	-1.93
POM	GRSA1	37.725	-105.519	-0.03	0.01	4.14	3.29	3.80	3.71	0.56	-0.79
POM	GRSM1	35.633	-83.942	-0.22	0.00	13.97	7.54	10.28	10.75	2.57	-2.06
POM	GUMO1	31.833	-104.809	-0.05	0.00	4.89	3.50	4.04	4.20	0.61	-1.14
POM	JARB1	41.893	-115.426	-0.05	0.00	3.47	2.08	2.75	2.73	0.63	-1.76
POM	LAVO1	40.54	-121.577	-0.09	0.00	5.55	2.99	4.40	4.27	1.17	-2.06
POM	MACA1	37.132	-86.148	-0.22	0.00	14.67	8.34	10.93	11.29	1.99	-1.93
POM	MEVE1	37.198	-108.491	-0.05	0.00	3.93	2.38	3.11	3.16	0.70	-1.69
POM	MOOS1	45.126	-67.266	-0.15	0.00	7.52	3.14	5.21	4.95	1.21	-3.05
POM	MORA1	46.758	-122.124	-0.23	0.00	8.67	2.10	5.99	5.28	2.25	-4.30
POM	MOZI1	40.538	-106.677	-0.05	0.00	3.23	1.72	2.38	2.32	0.57	-2.26
POM	OKEF1	30.74	-82.128	-0.17	0.00	13.21	8.16	10.66	10.51	1.99	-1.66
POM	PEFO1	35.078	-109.769	-0.09	0.00	5.14	2.59	3.94	3.86	1.00	-2.28
POM	PINN1	36.483	-121.157	-0.14	0.00	8.32	4.31	6.48	6.31	1.34	-2.19
POM	PORE1	38.122	-122.909	-0.09	0.00	4.11	1.57	2.99	2.84	0.93	-3.08
POM	REDW1	41.561	-124.084	-0.09	0.00	4.52	1.96	3.39	3.24	1.03	-2.72
POM	ROMA1	32.941	-79.657	-0.20	0.00	12.67	6.83	9.68	9.24	1.73	-2.18
POM	ROMO1	40.278	-105.546	-0.07	0.00	4.09	2.09	3.28	3.06	0.89	-2.25
POM	SAGO1	34.194	-116.913	-0.25	0.00	9.20	2.03	6.41	5.37	2.45	-4.60
POM	SAGU1	32.175	-110.737	-0.07	0.00	5.54	3.41	4.28	4.18	0.79	-1.76
POM	SEQU1	36.489	-118.829	-0.28	0.00	16.95	8.82	12.79	12.32	3.12	-2.28
POM	SHEN1	38.523	-78.435	-0.16	0.00	9.10	4.34	7.25	6.72	1.64	-2.44

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
POM	SHRO1	35.394	-82.774	-0.13	0.00	8.44	4.72	6.39	6.26	1.58	-2.05
POM	SIPS1	34.343	-87.339	-0.28	0.00	16.88	8.73	12.68	12.38	2.63	-2.27
POM	SNPA1	47.422	-121.426	-0.12	0.00	5.67	2.28	3.67	3.63	1.04	-3.22
POM	THSI1	44.291	-122.043	-0.08	0.00	4.88	2.70	3.74	3.64	0.85	-2.06
POM	TONT1	33.655	-111.107	-0.10	0.00	6.27	3.40	4.78	4.78	1.05	-2.07
POM	UPBU1	35.826	-93.203	-0.19	0.00	11.91	6.49	9.43	9.01	1.78	-2.08
POM	WEMI1	37.659	-107.8	-0.04	0.00	3.61	2.31	2.89	2.96	0.53	-1.52
POM	YELL2	44.565	-110.4	-0.12	0.00	5.00	1.57	3.71	3.29	1.24	-3.61
POM	YOSE1	37.713	-119.706	-0.13	0.00	8.16	4.36	6.66	6.26	1.73	-2.10
EC	ACAD1	44.377	-68.261	-0.08	0.00	2.69	0.51	1.61	1.60	0.72	-4.70
EC	BADL1	43.743	-101.941	-0.03	0.00	1.48	0.67	1.07	1.07	0.30	-2.61
EC	BAND1	35.78	-106.266	-0.03	0.00	1.73	0.74	1.20	1.24	0.34	-2.76
EC	BIBE1	29.303	-103.178	-0.02	0.00	1.55	0.86	1.23	1.21	0.32	-1.99
EC	BLIS1	38.976	-120.103	-0.04	0.00	1.70	0.60	1.17	1.11	0.37	-3.42
EC	BOWA1	47.947	-91.495	-0.03	0.00	1.53	0.56	1.05	0.96	0.33	-3.46
EC	BRCA1	37.618	-112.174	-0.02	0.00	1.19	0.51	0.79	0.84	0.25	-2.77
EC	BRID1	42.975	-109.758	-0.02	0.00	0.81	0.37	0.62	0.59	0.21	-2.57
EC	BRIG1	39.465	-74.449	-0.14	0.00	5.93	1.84	3.59	3.82	1.27	-3.70
EC	CANY1	38.459	-109.821	-0.03	0.00	1.23	0.46	0.83	0.85	0.30	-3.13
EC	CHAS1	28.748	-82.555	-0.15	0.00	6.12	1.80	3.71	3.74	1.33	-3.99
EC	CHIR1	32.009	-109.389	-0.03	0.00	1.36	0.50	0.93	0.93	0.29	-3.16
EC	CORI1	45.664	-121.001	-0.10	0.00	4.40	1.46	2.58	2.68	0.83	-3.79
EC	CRLA1	42.896	-122.136	-0.05	0.00	1.74	0.33	1.06	0.96	0.44	-5.02
EC	DENA1	63.723	-148.967	-0.02	0.00	0.72	0.14	0.48	0.43	0.22	-4.64
EC	DOSO1	39.105	-79.426	-0.10	0.00	4.39	1.43	2.71	2.80	0.94	-3.64
EC	GICL1	33.22	-108.235	-0.04	0.00	1.55	0.40	0.93	0.89	0.35	-4.42
EC	GLAC1	48.511	-113.997	-0.07	0.00	3.75	1.79	2.75	2.77	0.68	-2.43
EC	GRBA1	39.005	-114.216	-0.04	0.00	1.39	0.17	0.83	0.72	0.38	-5.87
EC	GRCA2	36.066	-112.154	-0.04	0.00	1.42	0.40	0.83	0.90	0.34	-3.92
EC	GRSA1	37.725	-105.519	-0.02	0.00	1.10	0.60	0.87	0.85	0.19	-2.02
EC	GRSM1	35.633	-83.942	-0.10	0.00	4.85	1.99	3.18	3.42	1.05	-2.88
EC	GUMO1	31.833	-104.809	-0.02	0.00	1.36	0.80	1.07	1.08	0.26	-1.79
EC	HAVO1	19.431	-155.258	-0.01	0.00	0.43	0.10	0.25	0.22	0.12	-5.22
EC	JARB1	41.893	-115.426	-0.02	0.00	0.84	0.28	0.56	0.54	0.21	-3.60
EC	LAVO1	40.54	-121.577	-0.03	0.00	1.56	0.56	1.08	1.06	0.37	-3.24
EC	MACA1	37.132	-86.148	-0.10	0.00	5.46	2.61	3.75	3.94	1.01	-2.50
EC	MEVE1	37.198	-108.491	-0.03	0.00	1.21	0.41	0.86	0.81	0.35	-3.42

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
EC	MOOS1	45.126	-67.266	-0.08	0.00	2.76	0.47	1.43	1.42	0.60	-5.59
EC	MORA1	46.758	-122.124	-0.08	0.00	3.13	0.75	1.89	1.90	0.78	-4.33
EC	MOZI1	40.538	-106.677	-0.03	0.00	1.04	0.26	0.63	0.57	0.24	-4.68
EC	OKEF1	30.74	-82.128	-0.11	0.00	4.56	1.48	2.98	2.91	0.96	-3.65
EC	PEFO1	35.078	-109.769	-0.06	0.00	2.74	1.01	1.86	1.88	0.64	-3.17
EC	PINN1	36.483	-121.157	-0.09	0.00	3.39	0.80	2.04	2.10	0.84	-4.26
EC	PORE1	38.122	-122.909	-0.03	0.00	1.06	0.17	0.60	0.58	0.32	-5.26
EC	REDW1	41.561	-124.084	-0.03	0.00	0.92	0.14	0.59	0.53	0.27	-5.09
EC	ROMA1	32.941	-79.657	-0.11	0.00	4.42	1.15	2.84	2.51	1.00	-4.49
EC	ROMO1	40.278	-105.546	-0.03	0.00	1.42	0.52	0.95	0.95	0.32	-3.25
EC	SAGO1	34.194	-116.913	-0.12	0.00	4.36	0.94	2.40	2.53	1.09	-4.66
EC	SAGU1	32.175	-110.737	-0.06	0.00	2.40	0.79	1.60	1.37	0.53	-4.06
EC	SEQU1	36.489	-118.829	-0.13	0.00	5.33	1.58	3.12	3.20	1.13	-4.04
EC	SHEN1	38.523	-78.435	-0.09	0.00	4.02	1.52	2.66	2.77	0.83	-3.11
EC	SHRO1	35.394	-82.774	-0.07	0.00	2.93	0.81	1.72	1.69	0.63	-4.34
EC	SIPS1	34.343	-87.339	-0.16	0.00	6.61	2.06	4.08	4.10	1.44	-3.83
EC	SNPA1	47.422	-121.426	-0.08	0.00	2.89	0.61	1.58	1.52	0.62	-5.19
EC	THSI1	44.291	-122.043	-0.04	0.00	1.50	0.35	0.93	0.85	0.34	-4.70
EC	TONT1	33.655	-111.107	-0.05	0.00	2.24	0.83	1.53	1.51	0.51	-3.22
EC	UPBU1	35.826	-93.203	-0.07	0.00	3.56	1.65	2.51	2.54	0.68	-2.59
EC	WEMI1	37.659	-107.8	-0.04	0.00	1.81	0.59	1.10	1.20	0.40	-3.50
EC	YELL2	44.565	-110.4	-0.03	0.00	1.30	0.30	0.80	0.78	0.33	-4.39
EC	YOSE1	37.713	-119.706	-0.05	0.00	2.30	0.92	1.54	1.61	0.51	-2.94
FD	ACAD1	44.377	-68.261	0.00	0.00	0.25	0.12	0.17	0.18	0.05	-2.42
FD	BADL1	43.743	-101.941	0.00	0.76	0.49	0.47	0.49	0.48	0.11	-0.18
FD	BAND1	35.78	-106.266	0.00	0.44	0.47	0.50	0.48	0.49	0.10	0.25
FD	BIBE1	29.303	-103.178	0.00	0.68	0.78	0.73	0.80	0.76	0.25	-0.26
FD	BLIS1	38.976	-120.103	0.00	0.03	0.42	0.34	0.38	0.38	0.07	-0.81
FD	BOWA1	47.947	-91.495	-0.01	0.00	0.30	0.13	0.20	0.21	0.06	-2.86
FD	BRCA1	37.618	-112.174	0.00	0.34	0.45	0.41	0.44	0.43	0.07	-0.30
FD	BRID1	42.975	-109.758	0.00	0.10	0.36	0.28	0.33	0.32	0.07	-0.81
FD	BRIG1	39.465	-74.449	-0.01	0.00	0.56	0.27	0.36	0.40	0.11	-2.47
FD	CANY1	38.459	-109.821	0.00	0.58	0.57	0.52	0.55	0.55	0.12	-0.32
FD	CHAS1	28.748	-82.555	-0.01	0.00	0.57	0.34	0.42	0.44	0.10	-1.82
FD	CHIR1	32.009	-109.389	0.00	0.36	0.64	0.71	0.69	0.67	0.18	0.35
FD	CORI1	45.664	-121.001	0.00	0.67	0.52	0.60	0.64	0.57	0.24	0.49
FD	CRLA1	42.896	-122.136	0.00	0.00	0.32	0.22	0.27	0.27	0.06	-1.32

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
FD	CRMO1	43.46	-113.555	0.00	0.01	0.49	0.35	0.42	0.41	0.09	-1.20
FD	DENA1	63.723	-148.967	0.00	0.00	0.16	0.05	0.12	0.10	0.05	-3.83
FD	DOSO1	39.105	-79.426	-0.01	0.01	0.48	0.26	0.33	0.36	0.10	-2.13
FD	EVER1	25.391	-80.681	0.00	0.02	0.42	0.28	0.34	0.34	0.09	-1.45
FD	GICL1	33.22	-108.235	0.00	0.95	0.48	0.48	0.49	0.48	0.09	-0.02
FD	GLAC1	48.511	-113.997	-0.01	0.00	0.45	0.27	0.35	0.36	0.08	-1.71
FD	GRBA1	39.005	-114.216	0.00	0.75	0.51	0.48	0.50	0.50	0.10	-0.18
FD	GRCA2	36.066	-112.154	0.00	0.45	0.41	0.43	0.46	0.42	0.10	0.21
FD	GRSA1	37.725	-105.519	0.00	0.82	0.64	0.60	0.65	0.62	0.16	-0.21
FD	GRSM1	35.633	-83.942	-0.01	0.00	0.52	0.27	0.38	0.39	0.12	-2.15
FD	GUMO1	31.833	-104.809	0.02	0.02	0.83	1.42	1.17	1.12	0.48	1.80
FD	HALE1	20.809	-156.282	0.00	0.95	0.17	0.17	0.17	0.17	0.03	-0.04
FD	HAVO1	19.431	-155.258	0.00	0.08	0.08	0.06	0.08	0.07	0.03	-1.32
FD	JARB1	41.893	-115.426	0.00	0.82	0.54	0.53	0.55	0.54	0.14	-0.08
FD	LAVO1	40.54	-121.577	0.00	0.25	0.40	0.35	0.36	0.37	0.11	-0.49
FD	LYBR1	43.148	-73.127	0.00	0.06	0.24	0.10	0.20	0.18	0.05	-2.70
FD	MACA1	37.132	-86.148	-0.01	0.02	0.60	0.32	0.42	0.45	0.12	-2.18
FD	MEVE1	37.198	-108.491	0.00	0.96	0.55	0.56	0.56	0.56	0.15	0.08
FD	MOOS1	45.126	-67.266	-0.01	0.00	0.31	0.10	0.17	0.19	0.06	-3.72
FD	MORA1	46.758	-122.124	0.00	0.00	0.18	0.08	0.12	0.13	0.04	-2.66
FD	MOZI1	40.538	-106.677	-0.01	0.05	0.43	0.28	0.33	0.34	0.08	-1.52
FD	OKEF1	30.74	-82.128	-0.01	0.04	0.52	0.35	0.40	0.43	0.11	-1.34
FD	PEFO1	35.078	-109.769	0.00	0.21	0.64	0.76	0.75	0.70	0.16	0.55
FD	PINN1	36.483	-121.157	0.00	0.02	0.39	0.32	0.36	0.36	0.05	-0.70
FD	PORE1	38.122	-122.909	0.00	0.66	0.16	0.17	0.17	0.16	0.03	0.16
FD	REDW1	41.561	-124.084	0.00	0.00	0.13	0.09	0.10	0.11	0.02	-1.24
FD	ROMA1	32.941	-79.657	-0.01	0.00	0.52	0.29	0.38	0.39	0.10	-2.02
FD	ROMO1	40.278	-105.546	-0.01	0.00	0.54	0.38	0.45	0.46	0.08	-1.20
FD	SAGO1	34.194	-116.913	-0.01	0.00	0.85	0.45	0.65	0.63	0.16	-2.19
FD	SAGU1	32.175	-110.737	-0.01	0.45	1.56	1.21	1.42	1.34	0.51	-0.90
FD	SAWT1	44.171	-114.927	0.00	0.12	0.34	0.23	0.28	0.28	0.07	-1.33
FD	SEQU1	36.489	-118.829	-0.01	0.24	0.87	0.66	0.88	0.76	0.36	-0.96
FD	SHEN1	38.523	-78.435	-0.01	0.00	0.46	0.21	0.31	0.34	0.10	-2.66
FD	SHRO1	35.394	-82.774	-0.01	0.00	0.57	0.18	0.33	0.33	0.13	-4.08
FD	SIPS1	34.343	-87.339	-0.01	0.00	0.71	0.34	0.48	0.51	0.14	-2.49
FD	SNPA1	47.422	-121.426	0.00	0.00	0.19	0.08	0.13	0.13	0.04	-2.88
FD	SULA1	45.86	-114	0.00	0.03	0.26	0.14	0.21	0.19	0.07	-2.17

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
FD	THSI1	44.291	-122.043	0.00	0.26	0.17	0.13	0.15	0.15	0.03	-0.88
FD	TONT1	33.655	-111.107	0.01	0.13	0.83	1.01	0.94	0.92	0.19	0.67
FD	UPBU1	35.826	-93.203	-0.01	0.03	0.62	0.41	0.48	0.50	0.12	-1.42
FD	VIIS1	18.336	-64.796	-0.02	0.20	0.92	0.46	0.80	0.68	0.41	-2.38
FD	WEMI1	37.659	-107.8	0.00	0.12	0.40	0.35	0.39	0.38	0.07	-0.53
FD	WHRI1	39.154	-106.821	0.00	0.19	0.31	0.39	0.37	0.35	0.08	0.73
FD	YELL2	44.565	-110.4	-0.01	0.00	0.41	0.11	0.30	0.26	0.13	-4.09
FD	YOSE1	37.713	-119.706	0.00	0.68	0.53	0.50	0.49	0.52	0.09	-0.14
CM	ACAD1	44.377	-68.261	-0.03	0.03	1.85	0.92	1.64	1.38	0.58	-2.32
CM	BADL1	43.743	-101.941	-0.04	0.00	2.78	1.59	2.23	2.19	0.47	-1.87
CM	BAND1	35.78	-106.266	-0.02	0.00	1.93	1.21	1.71	1.57	0.52	-1.58
CM	BIBE1	29.303	-103.178	-0.03	0.06	3.72	2.73	3.28	3.21	0.81	-1.06
CM	BLIS1	38.976	-120.103	-0.01	0.37	1.30	1.08	1.23	1.19	0.28	-0.64
CM	BOWA1	47.947	-91.495	-0.02	0.00	1.42	0.92	1.17	1.14	0.26	-1.51
CM	BRCA1	37.618	-112.174	-0.02	0.00	1.67	1.06	1.41	1.35	0.44	-1.55
CM	BRID1	42.975	-109.758	-0.04	0.00	1.29	0.27	0.99	0.78	0.45	-4.50
CM	BRIG1	39.465	-74.449	-0.06	0.16	5.11	3.40	4.47	4.16	1.39	-1.42
CM	CANY1	38.459	-109.821	-0.05	0.00	2.47	1.09	1.96	1.78	0.64	-2.67
CM	CHAS1	28.748	-82.555	-0.05	0.00	3.96	2.41	3.37	3.05	0.82	-1.75
CM	CHIR1	32.009	-109.389	-0.01	0.38	2.75	2.57	2.67	2.66	0.47	-0.24
CM	CORI1	45.664	-121.001	0.04	0.11	3.30	4.44	3.96	3.99	1.21	0.98
CM	CRLA1	42.896	-122.136	-0.03	0.00	1.19	0.22	0.79	0.62	0.44	-5.41
CM	DENA1	63.723	-148.967	-0.03	0.00	1.00	0.18	0.78	0.59	0.41	-4.83
CM	DOSO1	39.105	-79.426	-0.02	0.18	1.59	1.13	1.43	1.34	0.39	-1.19
CM	GICL1	33.22	-108.235	-0.02	0.19	1.75	1.07	1.53	1.36	0.45	-1.72
CM	GLAC1	48.511	-113.997	-0.05	0.00	2.13	0.71	1.70	1.42	0.81	-3.46
CM	GRBA1	39.005	-114.216	-0.02	0.00	1.74	1.10	1.44	1.39	0.32	-1.59
CM	GRCA2	36.066	-112.154	-0.06	0.00	2.16	0.54	1.68	1.38	0.79	-4.04
CM	GRSA1	37.725	-105.519	-0.04	0.00	2.13	1.07	1.84	1.60	0.60	-2.29
CM	GRSM1	35.633	-83.942	-0.03	0.01	2.53	1.56	2.12	2.05	0.49	-1.62
CM	GUMO1	31.833	-104.809	0.03	0.14	3.19	3.94	3.84	3.57	0.98	0.72
CM	JARB1	41.893	-115.426	-0.03	0.00	1.75	0.95	1.56	1.31	0.74	-2.12
CM	LAVO1	40.54	-121.577	0.00	0.56	1.06	0.92	1.12	0.99	0.50	-0.47
CM	MACA1	37.132	-86.148	-0.02	0.22	2.50	2.00	2.26	2.23	0.55	-0.77
CM	MEVE1	37.198	-108.491	-0.02	0.03	1.56	1.01	1.41	1.29	0.41	-1.47
CM	MOOS1	45.126	-67.266	-0.03	0.00	1.66	0.84	1.30	1.18	0.39	-2.42
CM	MORA1	46.758	-122.124	-0.04	0.00	1.62	0.58	1.23	1.08	0.39	-3.31

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
CM	MOZI1	40.538	-106.677	-0.05	0.00	1.75	0.42	1.16	0.95	0.50	-4.82
CM	OKEF1	30.74	-82.128	-0.05	0.10	3.39	2.05	2.94	2.65	0.90	-1.74
CM	PEFO1	35.078	-109.769	0.00	0.74	2.00	2.08	2.02	2.04	0.42	0.13
CM	PINN1	36.483	-121.157	-0.05	0.01	4.16	2.68	3.45	3.42	0.85	-1.50
CM	PORE1	38.122	-122.909	-0.06	0.00	5.13	3.51	4.37	4.32	0.99	-1.29
CM	REDW1	41.561	-124.084	-0.04	0.00	2.72	1.60	2.26	2.16	0.53	-1.78
CM	ROMA1	32.941	-79.657	-0.04	0.12	3.97	2.74	3.46	3.25	0.87	-1.31
CM	ROMO1	40.278	-105.546	-0.04	0.00	1.95	0.86	1.50	1.39	0.50	-2.72
CM	SAGO1	34.194	-116.913	-0.07	0.00	4.26	2.10	3.37	3.11	1.10	-2.40
CM	SAGU1	32.175	-110.737	0.01	0.76	3.84	4.07	3.97	3.99	0.60	0.20
CM	SEQU1	36.489	-118.829	-0.03	0.32	4.74	3.88	4.77	4.25	1.32	-0.70
CM	SHEN1	38.523	-78.435	-0.04	0.00	2.41	1.16	1.94	1.79	0.61	-2.40
CM	SHRO1	35.394	-82.774	0.00	0.85	1.03	1.13	1.33	1.09	0.67	0.32
CM	SIPS1	34.343	-87.339	-0.04	0.00	3.04	1.95	2.54	2.42	0.43	-1.55
CM	SNPA1	47.422	-121.426	-0.02	0.02	0.86	0.32	0.62	0.53	0.32	-3.44
CM	THSI1	44.291	-122.043	-0.02	0.10	1.14	0.54	0.85	0.79	0.37	-2.59
CM	TONT1	33.655	-111.107	-0.02	0.04	3.67	3.07	3.36	3.36	0.62	-0.62
CM	UPBU1	35.826	-93.203	-0.04	0.06	3.70	2.40	3.00	2.98	0.84	-1.51
CM	WEMI1	37.659	-107.8	-0.04	0.00	1.70	0.68	1.40	1.19	0.46	-2.94
CM	YELL2	44.565	-110.4	-0.04	0.00	1.30	0.23	1.06	0.75	0.71	-4.96
CM	YOSE1	37.713	-119.706	-0.01	0.10	2.42	2.02	2.16	2.22	0.47	-0.62
Fine bext	ACAD1	44.377	-68.261	-0.91	0.00	38.62	12.13	24.75	23.09	9.15	-3.96
Fine bext	BADL1	43.743	-101.941	-0.32	0.00	22.43	13.10	17.70	16.96	3.40	-1.90
Fine bext	BAND1	35.78	-106.266	-0.27	0.00	16.56	8.85	11.82	11.91	2.38	-2.23
Fine bext	BIBE1	29.303	-103.178	-0.20	0.00	22.09	16.32	17.97	18.71	2.43	-1.06
Fine bext	BLIS1	38.976	-120.103	-0.25	0.00	15.88	8.62	11.74	11.63	2.31	-2.15
Fine bext	BOWA1	47.947	-91.495	-0.55	0.00	27.10	11.12	18.22	17.18	5.01	-3.21
Fine bext	BRCA1	37.618	-112.174	-0.20	0.00	12.86	6.96	9.55	9.30	1.92	-2.19
Fine bext	BRID1	42.975	-109.758	-0.16	0.00	11.36	6.67	8.55	8.53	1.50	-1.89
Fine bext	BRIG1	39.465	-74.449	-2.10	0.00	85.17	24.15	49.17	45.19	16.38	-4.66
Fine bext	CANY1	38.459	-109.821	-0.24	0.00	13.51	6.60	9.64	9.46	2.25	-2.52
Fine bext	CHIR1	32.009	-109.389	-0.23	0.00	14.98	8.28	11.06	11.05	2.16	-2.09
Fine bext	CRLA1	42.896	-122.136	-0.18	0.00	12.68	7.33	9.49	9.18	1.77	-2.01
Fine bext	DENA1	63.723	-148.967	-0.09	0.00	7.29	4.81	5.90	5.79	1.16	-1.48
Fine bext	DOSO1	39.105	-79.426	-2.10	0.00	83.28	22.49	45.19	44.50	17.28	-4.71
Fine bext	GLAC1	48.511	-113.997	-0.54	0.00	29.56	14.03	21.14	20.46	5.10	-2.62
Fine bext	GRBA1	39.005	-114.216	-0.20	0.00	11.33	5.41	8.03	7.56	1.67	-2.70

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Fine bext	GRCA2	36.066	-112.154	-0.22	0.00	13.42	7.09	9.68	9.82	1.99	-2.22
Fine bext	GRSA1	37.725	-105.519	-0.18	0.00	14.26	9.08	11.07	11.23	1.82	-1.59
Fine bext	GRSM1	35.633	-83.942	-2.11	0.00	99.65	38.38	54.23	63.73	19.85	-3.31
Fine bext	GUM01	31.833	-104.809	-0.12	0.00	18.47	15.00	15.84	16.38	1.77	-0.73
Fine bext	JARB1	41.893	-115.426	-0.12	0.00	10.57	6.99	8.03	8.28	1.10	-1.49
Fine bext	LAVO1	40.54	-121.577	-0.24	0.00	15.01	8.16	10.59	10.52	1.86	-2.24
Fine bext	MACA1	37.132	-86.148	-2.78	0.00	119.43	38.78	67.31	69.37	22.75	-4.01
Fine bext	MEVE1	37.198	-108.491	-0.24	0.00	14.52	7.50	10.25	10.40	2.29	-2.33
Fine bext	MORA1	46.758	-122.124	-0.78	0.00	30.98	8.27	20.07	17.27	7.77	-4.53
Fine bext	OKEF1	30.74	-82.128	-1.78	0.00	82.15	30.47	51.14	50.07	14.57	-3.56
Fine bext	PEFO1	35.078	-109.769	-0.31	0.00	18.23	9.33	12.08	12.86	2.86	-2.39
Fine bext	PINN1	36.483	-121.157	-0.61	0.00	34.19	16.63	24.59	23.89	5.72	-2.53
Fine bext	PORE1	38.122	-122.909	-0.35	0.00	37.21	26.94	30.72	30.83	4.33	-1.15
Fine bext	REDW1	41.561	-124.084	-0.37	0.00	28.78	17.94	21.98	22.43	4.34	-1.67
Fine bext	ROMO1	40.278	-105.546	-0.27	0.00	15.20	7.35	11.19	10.46	2.53	-2.58
Fine bext	SAGO1	34.194	-116.913	-1.26	0.00	47.31	10.88	28.06	25.32	11.51	-4.96
Fine bext	SAGU1	32.175	-110.737	-0.31	0.00	19.69	10.59	14.47	13.88	2.84	-2.26
Fine bext	SEQU1	36.489	-118.829	-0.97	0.00	53.72	25.49	35.73	35.22	8.16	-2.76
Fine bext	SHEN1	38.523	-78.435	-1.80	0.00	78.38	26.31	47.22	47.86	16.37	-3.75
Fine bext	TONT1	33.655	-111.107	-0.32	0.00	19.97	10.80	14.25	14.28	2.72	-2.21
Fine bext	UPBU1	35.826	-93.203	-1.68	0.00	77.32	28.47	46.01	46.16	12.39	-3.65
Fine bext	WEMI1	37.659	-107.8	-0.19	0.00	13.03	7.41	9.02	9.74	1.84	-1.99
Fine bext	YELL2	44.565	-110.4	-0.26	0.00	14.23	6.71	9.85	9.82	2.48	-2.64
Fine bext	YOSE1	37.713	-119.706	-0.31	0.00	20.53	11.43	16.13	15.20	3.23	-2.06
Aerosol bext	ACAD1	44.377	-68.261	-0.95	0.00	42.06	14.40	26.69	25.85	9.76	-3.69
Aerosol bext	BADL1	43.743	-101.941	-0.35	0.00	26.03	15.94	20.49	20.11	3.54	-1.73
Aerosol bext	BAND1	35.78	-106.266	-0.29	0.00	19.22	10.89	13.77	14.20	2.55	-2.02
Aerosol bext	BIBE1	29.303	-103.178	-0.25	0.00	26.61	19.47	21.98	22.42	3.00	-1.10
Aerosol bext	BLIS1	38.976	-120.103	-0.25	0.00	17.11	9.73	13.07	12.78	2.45	-1.99
Aerosol bext	BOWA1	47.947	-91.495	-0.58	0.00	28.56	11.69	19.67	18.09	5.08	-3.21
Aerosol bext	BRCA1	37.618	-112.174	-0.24	0.00	14.84	7.98	11.31	10.70	2.21	-2.21
Aerosol bext	BRID1	42.975	-109.758	-0.20	0.00	12.69	7.00	9.75	9.26	1.90	-2.12
Aerosol bext	BRIG1	39.465	-74.449	-2.04	0.00	92.83	33.54	54.44	53.98	16.36	-3.79
Aerosol bext	CANY1	38.459	-109.821	-0.27	0.00	16.30	8.40	12.02	11.67	2.81	-2.33
Aerosol bext	CHIR1	32.009	-109.389	-0.22	0.00	17.65	11.33	14.27	13.95	2.36	-1.56
Aerosol bext	CRLA1	42.896	-122.136	-0.23	0.00	14.13	7.55	10.31	9.82	2.16	-2.31
Aerosol bext	DENA1	63.723	-148.967	-0.10	0.00	8.41	5.50	6.82	6.65	1.44	-1.50

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Aerosol bext	DOSO1	39.105	-79.426	-2.13	0.00	85.75	23.90	46.90	46.29	17.38	-4.61
Aerosol bext	GLAC1	48.511	-113.997	-0.58	0.00	32.18	15.30	23.81	22.28	5.58	-2.61
Aerosol bext	GRBA1	39.005	-114.216	-0.23	0.00	13.25	6.69	9.79	9.07	2.00	-2.49
Aerosol bext	GRCA2	36.066	-112.154	-0.27	0.00	16.16	8.27	11.42	11.67	2.57	-2.33
Aerosol bext	GRSA1	37.725	-105.519	-0.24	0.00	17.48	10.38	13.24	13.32	2.30	-1.84
Aerosol bext	GRSM1	35.633	-83.942	-2.14	0.00	104.05	42.06	56.92	67.71	20.41	-3.16
Aerosol bext	GUMO1	31.833	-104.809	-0.10	0.04	22.88	19.83	20.68	21.04	2.61	-0.50
Aerosol bext	JARB1	41.893	-115.426	-0.20	0.00	13.62	7.77	10.03	9.89	1.63	-2.04
Aerosol bext	LAVO1	40.54	-121.577	-0.24	0.00	15.92	9.02	12.02	11.40	1.89	-2.09
Aerosol bext	MACA1	37.132	-86.148	-2.81	0.00	122.08	40.70	69.62	71.57	22.87	-3.92
Aerosol bext	MEVE1	37.198	-108.491	-0.25	0.00	16.15	8.82	12.07	11.85	2.55	-2.13
Aerosol bext	MORA1	46.758	-122.124	-0.77	0.00	31.38	8.93	21.37	17.83	8.10	-4.34
Aerosol bext	OKEF1	30.74	-82.128	-1.80	0.00	85.59	33.31	54.23	53.14	14.73	-3.39
Aerosol bext	PEFO1	35.078	-109.769	-0.30	0.00	20.33	11.53	14.61	15.02	2.87	-2.02
Aerosol bext	PINN1	36.483	-121.157	-0.69	0.00	38.72	18.78	28.94	27.03	7.01	-2.54
Aerosol bext	PORE1	38.122	-122.909	-0.42	0.00	43.54	31.34	35.50	35.97	4.77	-1.17
Aerosol bext	REDW1	41.561	-124.084	-0.42	0.00	31.43	19.40	24.35	24.38	4.74	-1.70
Aerosol bext	ROMO1	40.278	-105.546	-0.32	0.00	17.65	8.39	13.06	12.06	3.04	-2.65
Aerosol bext	SAGO1	34.194	-116.913	-1.35	0.00	52.72	13.65	32.42	29.14	12.93	-4.62
Aerosol bext	SAGU1	32.175	-110.737	-0.32	0.00	24.23	14.90	18.77	18.28	2.99	-1.76
Aerosol bext	SEQU1	36.489	-118.829	-1.09	0.00	63.30	31.63	43.07	42.55	8.76	-2.57
Aerosol bext	SHEN1	38.523	-78.435	-1.86	0.00	81.17	27.22	49.59	49.55	16.77	-3.75
Aerosol bext	TONT1	33.655	-111.107	-0.33	0.00	23.87	14.18	18.00	17.85	2.90	-1.87
Aerosol bext	UPBU1	35.826	-93.203	-1.68	0.00	82.42	33.65	49.48	51.30	13.00	-3.28
Aerosol bext	WEMI1	37.659	-107.8	-0.24	0.00	15.01	7.91	10.65	10.84	2.28	-2.26
Aerosol bext	YELL2	44.565	-110.4	-0.30	0.00	15.65	6.94	11.16	10.55	3.16	-2.85
Aerosol bext	YOSE1	37.713	-119.706	-0.35	0.00	23.82	13.59	18.78	17.82	3.57	-1.98
Total bext	ACAD1	44.377	-68.261	-0.95	0.00	54.06	26.40	38.69	37.85	9.76	-2.52
Total bext	BADL1	43.743	-101.941	-0.35	0.00	37.03	26.94	31.49	31.11	3.54	-1.12
Total bext	BAND1	35.78	-106.266	-0.29	0.00	28.22	19.89	22.77	23.20	2.55	-1.24
Total bext	BIBE1	29.303	-103.178	-0.25	0.00	36.61	29.47	31.98	32.42	3.00	-0.76
Total bext	BLIS1	38.976	-120.103	-0.25	0.00	26.11	18.73	22.07	21.78	2.45	-1.17
Total bext	BOWA1	47.947	-91.495	-0.58	0.00	39.56	22.69	30.67	29.09	5.08	-2.00
Total bext	BRCA1	37.618	-112.174	-0.24	0.00	23.84	16.98	20.31	19.70	2.21	-1.20
Total bext	BRID1	42.975	-109.758	-0.20	0.00	21.69	16.00	18.75	18.26	1.90	-1.07
Total bext	BRIG1	39.465	-74.449	-2.04	0.00	104.83	45.54	66.44	65.98	16.36	-3.10
Total bext	CANY1	38.459	-109.821	-0.27	0.00	25.30	17.40	21.02	20.67	2.81	-1.32

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Total bext	CHIR1	32.009	-109.389	-0.22	0.00	27.65	21.33	24.27	23.95	2.36	-0.91
Total bext	CRLA1	42.896	-122.136	-0.23	0.00	23.13	16.55	19.31	18.82	2.16	-1.21
Total bext	DENA1	63.723	-148.967	-0.10	0.00	19.41	16.50	17.82	17.65	1.44	-0.57
Total bext	DOSO1	39.105	-79.426	-2.13	0.00	95.75	33.90	56.90	56.29	17.38	-3.79
Total bext	GLAC1	48.511	-113.997	-0.58	0.00	43.18	26.30	34.81	33.28	5.58	-1.75
Total bext	GRBA1	39.005	-114.216	-0.23	0.00	22.25	15.69	18.79	18.07	2.00	-1.25
Total bext	GRCA2	36.066	-112.154	-0.27	0.00	25.16	17.27	20.42	20.67	2.57	-1.32
Total bext	GRSA1	37.725	-105.519	-0.24	0.00	26.48	19.38	22.24	22.32	2.30	-1.10
Total bext	GRSM1	35.633	-83.942	-2.14	0.00	115.05	53.06	67.92	78.71	20.41	-2.72
Total bext	GUMO1	31.833	-104.809	-0.10	0.04	31.88	28.83	29.68	30.04	2.61	-0.35
Total bext	JARB1	41.893	-115.426	-0.20	0.00	23.62	17.77	20.03	19.89	1.63	-1.02
Total bext	LAVO1	40.54	-121.577	-0.24	0.00	25.92	19.02	22.02	21.40	1.89	-1.11
Total bext	MACA1	37.132	-86.148	-2.81	0.00	133.08	51.70	80.62	82.57	22.87	-3.40
Total bext	MEVE1	37.198	-108.491	-0.25	0.00	25.15	17.82	21.07	20.85	2.55	-1.21
Total bext	MORA1	46.758	-122.124	-0.77	0.00	42.38	19.93	32.37	28.83	8.10	-2.69
Total bext	OKEF1	30.74	-82.128	-1.80	0.00	96.59	44.31	65.23	64.14	14.73	-2.81
Total bext	PEFO1	35.078	-109.769	-0.30	0.00	29.33	20.53	23.61	24.02	2.87	-1.26
Total bext	PINN1	36.483	-121.157	-0.69	0.00	49.72	29.78	39.94	38.03	7.01	-1.81
Total bext	PORE1	38.122	-122.909	-0.42	0.00	55.54	43.34	47.50	47.97	4.77	-0.88
Total bext	REDW1	41.561	-124.084	-0.42	0.00	42.43	30.40	35.35	35.38	4.74	-1.17
Total bext	ROMO1	40.278	-105.546	-0.32	0.00	26.65	17.39	22.06	21.06	3.04	-1.52
Total bext	SAGO1	34.194	-116.913	-1.35	0.00	62.72	23.65	42.42	39.14	12.93	-3.44
Total bext	SAGU1	32.175	-110.737	-0.32	0.00	34.23	24.90	28.77	28.28	2.99	-1.14
Total bext	SEQU1	36.489	-118.829	-1.09	0.00	74.30	42.63	54.07	53.55	8.76	-2.04
Total bext	SHEN1	38.523	-78.435	-1.86	0.00	91.17	37.22	59.59	59.55	16.77	-3.12
Total bext	TONT1	33.655	-111.107	-0.33	0.00	33.87	24.18	28.00	27.85	2.90	-1.20
Total bext	UPBU1	35.826	-93.203	-1.68	0.00	93.42	44.65	60.48	62.30	13.00	-2.70
Total bext	WEMI1	37.659	-107.8	-0.24	0.00	24.01	16.91	19.65	19.84	2.28	-1.23
Total bext	YELL2	44.565	-110.4	-0.30	0.00	24.65	15.94	20.16	19.55	3.16	-1.54
Total bext	YOSE1	37.713	-119.706	-0.35	0.00	33.82	23.59	28.78	27.82	3.57	-1.27
dv	ACAD1	44.377	-68.261	-0.25	0.00	17.52	10.34	13.25	13.31	2.38	-1.86
dv	BADL1	43.743	-101.941	-0.11	0.00	13.23	10.02	11.41	11.35	1.12	-0.98
dv	BAND1	35.78	-106.266	-0.12	0.00	10.58	6.99	8.17	8.41	1.12	-1.47
dv	BIBE1	29.303	-103.178	-0.08	0.00	13.04	10.86	11.58	11.76	0.95	-0.64
dv	BLIS1	38.976	-120.103	-0.11	0.00	9.69	6.44	7.86	7.79	1.08	-1.44
dv	BOWA1	47.947	-91.495	-0.18	0.00	13.96	8.67	11.08	10.68	1.59	-1.71
dv	BRCA1	37.618	-112.174	-0.12	0.00	8.81	5.44	7.03	6.78	1.08	-1.71

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
dv	BRID1	42.975	-109.758	-0.10	0.00	7.85	4.82	6.24	6.02	0.99	-1.74
dv	BRIG1	39.465	-74.449	-0.32	0.00	24.94	15.67	18.64	18.87	2.50	-1.69
dv	CANY1	38.459	-109.821	-0.13	0.00	9.49	5.69	7.35	7.26	1.30	-1.80
dv	CHIR1	32.009	-109.389	-0.09	0.00	10.28	7.64	8.82	8.73	0.96	-1.04
dv	CRLA1	42.896	-122.136	-0.12	0.00	8.54	5.16	6.53	6.32	1.07	-1.84
dv	DENA1	63.723	-148.967	-0.06	0.00	6.68	5.03	5.75	5.68	0.78	-1.00
dv	DOSO1	39.105	-79.426	-0.41	0.00	24.88	12.96	16.95	17.28	3.04	-2.38
dv	GLAC1	48.511	-113.997	-0.17	0.00	14.84	10.04	12.35	12.02	1.57	-1.38
dv	GRBA1	39.005	-114.216	-0.12	0.00	8.13	4.65	6.26	5.91	1.02	-2.03
dv	GRCA2	36.066	-112.154	-0.14	0.00	9.52	5.56	7.07	7.26	1.24	-1.88
dv	GRSA1	37.725	-105.519	-0.11	0.00	9.89	6.71	7.94	8.03	1.04	-1.36
dv	GRSM1	35.633	-83.942	-0.35	0.00	26.66	16.38	18.68	20.63	3.25	-1.72
dv	GUMO1	31.833	-104.809	-0.04	0.04	11.62	10.59	10.84	11.00	0.90	-0.32
dv	JARB1	41.893	-115.426	-0.10	0.00	8.74	5.81	6.92	6.87	0.80	-1.47
dv	LAVO1	40.54	-121.577	-0.11	0.00	9.66	6.53	7.86	7.61	0.85	-1.42
dv	MACA1	37.132	-86.148	-0.37	0.00	27.70	17.08	20.47	21.11	2.96	-1.73
dv	MEVE1	37.198	-108.491	-0.12	0.00	9.46	5.86	7.38	7.35	1.22	-1.69
dv	MORA1	46.758	-122.124	-0.24	0.00	14.75	7.85	11.48	10.59	2.29	-2.25
dv	OKEF1	30.74	-82.128	-0.29	0.00	23.72	15.45	18.50	18.59	2.31	-1.53
dv	PEFO1	35.078	-109.769	-0.13	0.00	10.98	7.30	8.52	8.76	1.21	-1.45
dv	PINN1	36.483	-121.157	-0.17	0.00	16.30	11.28	13.71	13.36	1.67	-1.30
dv	PORE1	38.122	-122.909	-0.09	0.00	17.29	14.70	15.53	15.68	1.01	-0.57
dv	REDW1	41.561	-124.084	-0.12	0.00	14.60	11.25	12.54	12.63	1.32	-0.91
dv	ROMO1	40.278	-105.546	-0.14	0.00	9.94	5.81	7.82	7.45	1.36	-1.91
dv	SAGO1	34.194	-116.913	-0.31	0.00	19.07	10.08	14.04	13.65	2.89	-2.27
dv	SAGU1	32.175	-110.737	-0.11	0.00	12.47	9.21	10.52	10.39	1.04	-1.08
dv	SEQU1	36.489	-118.829	-0.20	0.00	20.63	14.76	16.76	16.78	1.56	-1.21
dv	SHEN1	38.523	-78.435	-0.33	0.00	23.49	13.85	17.45	17.84	2.93	-1.86
dv	TONT1	33.655	-111.107	-0.12	0.00	12.37	8.95	10.25	10.24	1.02	-1.15
dv	UPBU1	35.826	-93.203	-0.29	0.00	23.63	15.25	17.76	18.29	2.26	-1.58
dv	WEMI1	37.659	-107.8	-0.12	0.00	8.94	5.38	6.69	6.85	1.17	-1.79
dv	YELL2	44.565	-110.4	-0.15	0.00	9.32	4.85	6.90	6.70	1.48	-2.30
dv	YOSE1	37.713	-119.706	-0.12	0.00	12.29	8.78	10.50	10.23	1.22	-1.18

Table 7.3.3. IMPROVE long-term (1990-2019) 90th percentile ambient b_{ext} trends for sites that met completeness criteria (see Chapter 7). Species include ammonium sulfate (AS), ammonium nitrate (AN), particulate organic matter (POM), elemental carbon (EC), fine dust (FD), coarse mass (CM), fine b_{ext}, aerosol b_{ext}, total b_{ext} (aerosol + Rayleigh), and deciview (dv). The slope is derived from a linear trend regression, beginning and end year b_{ext} are based on the linear fit for year 1990 and 2019, the mean and median 90th percentile b_{ext} over the 1990-2019 period, standard deviation in the mean over the 1990-2019 period, and trend is the slope divided by the median b_{ext} times 100. Wavelength of 500nm.

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	ACAD1	44.377	-68.261	-2.52	0.00	82.88	9.66	45.77	46.27	24.19	-5.46
AS	BADL1	43.743	-101.941	-0.50	0.00	27.04	12.43	18.95	19.74	5.28	-2.55
AS	BAND1	35.78	-106.266	-0.20	0.00	11.43	5.65	8.49	8.54	2.05	-2.33
AS	BIBE1	29.303	-103.178	-0.23	0.01	26.25	19.49	22.89	22.87	4.55	-1.02
AS	BLIS1	38.976	-120.103	-0.14	0.00	8.79	4.74	6.70	6.62	1.31	-2.10
AS	BOWA1	47.947	-91.495	-1.04	0.00	42.48	12.28	24.49	25.30	9.61	-4.12
AS	BRCA1	37.618	-112.174	-0.19	0.00	8.88	3.40	6.26	6.05	1.68	-3.12
AS	BRID1	42.975	-109.758	-0.15	0.00	8.65	4.20	6.22	6.42	1.57	-2.39
AS	BRIG1	39.465	-74.449	-5.08	0.00	169.84	22.66	82.03	91.18	43.22	-5.57
AS	CANY1	38.459	-109.821	-0.24	0.00	9.94	3.06	7.03	6.50	2.60	-3.65
AS	CHAS1	28.748	-82.555	-3.17	0.00	121.59	29.56	62.25	70.81	26.43	-4.48
AS	CHIR1	32.009	-109.389	-0.29	0.00	14.36	6.04	10.99	10.20	3.00	-2.82
AS	CORI1	45.664	-121.001	-0.73	0.00	32.38	11.19	21.02	20.32	7.13	-3.59
AS	CRLA1	42.896	-122.136	-0.16	0.00	10.67	6.14	8.18	8.33	1.78	-1.88
AS	CRMO1	43.46	-113.555	-0.20	0.00	9.43	3.63	6.01	5.93	1.64	-3.37
AS	DENA1	63.723	-148.967	-0.08	0.02	7.83	5.62	6.79	6.73	2.07	-1.13
AS	DOSO1	39.105	-79.426	-6.33	0.00	210.08	26.38	101.79	111.90	55.75	-5.66
AS	EVER1	25.391	-80.681	-1.33	0.00	57.82	19.18	34.17	33.83	11.31	-3.94
AS	GICL1	33.22	-108.235	-0.32	0.00	12.62	3.47	8.51	7.41	2.69	-4.26
AS	GLAC1	48.511	-113.997	-0.42	0.00	20.15	7.85	13.66	14.00	4.02	-3.03
AS	GRBA1	39.005	-114.216	-0.10	0.00	6.69	3.82	4.98	5.11	0.92	-1.94
AS	GRCA3	36.066	-112.154	-0.19	0.00	9.84	4.37	7.17	7.01	1.83	-2.69
AS	GRSA1	37.725	-105.519	-0.19	0.00	10.18	4.74	7.32	7.46	1.86	-2.52
AS	GRSM1	35.633	-83.942	-6.20	0.00	221.31	41.63	108.16	131.47	57.70	-4.71
AS	GUMO1	31.833	-104.809	-0.23	0.00	20.19	13.43	17.56	16.81	3.70	-1.39
AS	HAVO1	19.431	-155.258	0.30	0.76	62.47	71.20	75.27	68.19	34.67	0.44
AS	JARB1	41.893	-115.426	-0.08	0.00	6.69	4.35	5.37	5.48	1.03	-1.47
AS	LAVO1	40.54	-121.577	-0.13	0.00	9.72	6.07	7.50	7.77	1.48	-1.62
AS	LYBR1	43.148	-73.127	-2.53	0.00	92.72	19.48	62.85	62.42	21.28	-4.05
AS	MACA1	37.132	-86.148	-6.72	0.00	250.19	55.24	118.77	145.99	57.17	-4.60
AS	MEVE1	37.198	-108.491	-0.24	0.00	11.49	4.44	7.97	7.96	2.40	-3.05
AS	MOOS1	45.126	-67.266	-2.04	0.00	69.35	10.08	33.68	34.61	16.24	-5.90

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AS	MORA1	46.758	-122.124	-1.04	0.00	35.84	5.75	22.49	20.27	9.91	-5.12
AS	MOZI1	40.538	-106.677	-0.21	0.00	9.87	3.71	6.23	6.15	1.76	-3.45
AS	OKEF1	30.74	-82.128	-3.59	0.00	129.96	25.83	69.06	74.30	30.82	-4.83
AS	PEFO1	35.078	-109.769	-0.22	0.00	11.51	5.04	8.22	8.28	2.19	-2.70
AS	PINN1	36.483	-121.157	-0.42	0.00	22.64	10.52	15.72	16.58	3.96	-2.52
AS	PORE1	38.122	-122.909	-0.57	0.00	30.34	13.68	20.72	22.01	5.89	-2.61
AS	REDW1	41.561	-124.084	-0.46	0.00	25.56	12.12	19.24	18.84	4.60	-2.46
AS	ROMA1	32.941	-79.657	-3.55	0.00	136.41	33.47	68.38	76.07	31.56	-4.67
AS	ROMO1	40.278	-105.546	-0.23	0.00	11.50	4.87	7.97	8.07	2.19	-2.84
AS	SAGO1	34.194	-116.913	-0.42	0.00	20.34	8.18	13.75	13.84	3.97	-3.03
AS	SAGU1	32.175	-110.737	-0.26	0.00	13.54	6.02	9.38	8.74	2.40	-2.97
AS	SAWT1	44.171	-114.927	-0.08	0.00	6.27	3.95	4.62	4.87	0.85	-1.64
AS	SEQU1	36.489	-118.829	-0.34	0.00	23.40	13.66	17.76	18.19	3.34	-1.85
AS	SHEN1	38.523	-78.435	-5.45	0.00	201.21	43.28	100.63	122.24	53.13	-4.45
AS	SHRO1	35.394	-82.774	-6.50	0.00	204.17	15.59	83.64	90.37	48.42	-7.20
AS	SIPS1	34.343	-87.339	-5.42	0.00	189.68	32.51	91.80	102.97	48.64	-5.26
AS	SNPA1	47.422	-121.426	-0.73	0.00	28.16	7.14	16.72	15.47	6.80	-4.69
AS	SULA1	45.86	-114	-0.19	0.00	9.56	3.92	6.18	6.16	1.61	-3.16
AS	THSI1	44.291	-122.043	-0.35	0.00	17.71	7.55	11.96	11.93	3.11	-2.94
AS	TONT1	33.655	-111.107	-0.24	0.00	12.75	5.89	9.79	9.20	2.39	-2.57
AS	UPBU1	35.826	-93.203	-2.90	0.00	113.60	29.53	61.89	68.67	25.78	-4.22
AS	WEMI1	37.659	-107.8	-0.21	0.00	9.29	3.34	6.55	6.31	1.99	-3.25
AS	WHRI1	39.154	-106.821	-0.19	0.00	8.65	3.20	5.49	5.36	1.46	-3.50
AS	YELL2	44.565	-110.4	-0.12	0.00	8.01	4.51	5.85	6.26	1.31	-1.93
AS	YOSE1	37.713	-119.706	-0.14	0.00	11.61	7.45	9.33	9.53	1.80	-1.50
AN	ACAD1	44.377	-68.261	-0.20	0.00	10.82	4.99	7.69	7.40	2.39	-2.72
AN	BADL1	43.743	-101.941	-0.12	0.18	9.73	6.29	9.06	7.71	2.99	-1.54
AN	BAND1	35.78	-106.266	-0.06	0.00	3.48	1.73	2.54	2.45	0.79	-2.46
AN	BIBE1	29.303	-103.178	-0.01	0.22	2.50	2.19	2.38	2.32	0.39	-0.45
AN	BLIS1	38.976	-120.103	-0.09	0.00	4.16	1.66	2.89	2.70	0.90	-3.19
AN	BOWA1	47.947	-91.495	-0.17	0.12	15.20	10.41	13.77	12.23	4.98	-1.35
AN	BRCA1	37.618	-112.174	-0.05	0.00	3.48	1.89	2.72	2.52	0.80	-2.18
AN	BRID1	42.975	-109.758	-0.02	0.09	2.31	1.81	1.96	2.02	0.40	-0.86
AN	BRIG1	39.465	-74.449	-0.44	0.00	29.17	16.49	20.92	21.30	4.61	-2.05
AN	CANY1	38.459	-109.821	-0.10	0.01	4.89	2.03	3.62	3.21	1.69	-3.07
AN	CHAS1	28.748	-82.555	-0.12	0.00	9.87	6.51	7.76	7.73	1.16	-1.50
AN	CHIR1	32.009	-109.389	0.00	0.93	1.60	1.58	1.63	1.59	0.32	-0.05

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
AN	CRLA1	42.896	-122.136	-0.05	0.03	3.12	1.71	2.53	2.25	1.30	-2.16
AN	DENA1	63.723	-148.967	-0.01	0.01	1.21	0.78	1.03	0.96	0.31	-1.55
AN	DOSO1	39.105	-79.426	-0.20	0.00	14.63	8.92	11.10	11.09	2.30	-1.78
AN	GICL1	33.22	-108.235	-0.01	0.10	1.35	1.04	1.21	1.15	0.23	-0.93
AN	GLAC1	48.511	-113.997	-0.09	0.08	7.48	4.96	6.78	6.00	2.62	-1.45
AN	GRBA1	39.005	-114.216	-0.05	0.00	2.37	0.98	1.64	1.48	0.43	-3.22
AN	GRCA3	36.066	-112.154	-0.04	0.00	2.76	1.74	2.15	2.14	0.45	-1.65
AN	GRSA1	37.725	-105.519	-0.06	0.00	3.16	1.42	2.39	2.14	0.79	-2.82
AN	GRSM1	35.633	-83.942	-0.15	0.02	12.49	8.07	10.57	9.90	3.15	-1.54
AN	GUMO1	31.833	-104.809	-0.01	0.40	3.46	3.03	3.40	3.21	0.85	-0.46
AN	HAVO1	19.431	-155.258	-0.01	0.23	1.73	1.43	1.55	1.54	0.24	-0.67
AN	JARB1	41.893	-115.426	-0.01	0.05	1.75	1.36	1.51	1.52	0.31	-0.88
AN	LAVO1	40.54	-121.577	-0.12	0.00	5.02	1.55	3.33	2.87	1.24	-4.17
AN	MACA1	37.132	-86.148	-0.41	0.13	35.33	23.34	27.92	27.89	7.43	-1.48
AN	MEVE1	37.198	-108.491	-0.01	0.43	2.19	1.77	2.18	1.94	0.81	-0.75
AN	MORA1	46.758	-122.124	-0.15	0.00	7.00	2.70	5.01	4.40	1.63	-3.37
AN	OKEF1	30.74	-82.128	-0.13	0.00	9.32	5.69	7.37	7.07	1.14	-1.77
AN	PEFO1	35.078	-109.769	-0.03	0.06	2.59	1.85	2.33	2.16	0.69	-1.17
AN	PINN1	36.483	-121.157	-0.50	0.00	21.17	6.79	13.67	12.74	5.98	-3.89
AN	PORE1	38.122	-122.909	-0.62	0.00	25.22	7.22	17.35	14.67	10.15	-4.23
AN	REDW1	41.561	-124.084	-0.21	0.00	9.34	3.18	6.38	5.73	2.31	-3.70
AN	ROMO1	40.278	-105.546	-0.08	0.00	5.70	3.43	4.79	4.33	1.56	-1.81
AN	SAGO1	34.194	-116.913	-1.75	0.00	59.83	9.21	30.91	29.28	16.03	-5.96
AN	SAGU1	32.175	-110.737	-0.09	0.00	4.82	2.26	3.24	3.19	0.88	-2.77
AN	SEQU1	36.489	-118.829	-1.26	0.00	55.59	19.16	30.23	32.98	15.15	-3.81
AN	SHEN1	38.523	-78.435	-0.22	0.01	18.04	11.77	14.63	14.36	3.10	-1.51
AN	SIPS1	34.343	-87.339	-0.47	0.00	27.63	13.98	18.15	19.15	5.48	-2.46
AN	THSI1	44.291	-122.043	-0.09	0.00	4.48	1.77	2.97	2.70	0.92	-3.46
AN	TONT1	33.655	-111.107	-0.05	0.00	3.66	2.10	2.92	2.72	0.67	-1.97
AN	UPBU1	35.826	-93.203	-0.69	0.00	35.21	15.27	22.21	22.83	6.56	-3.01
AN	WEMI1	37.659	-107.8	-0.01	0.24	1.37	1.20	1.32	1.27	0.30	-0.45
AN	YELL2	44.565	-110.4	-0.05	0.01	3.76	2.29	2.98	2.89	0.74	-1.75
AN	YOSE1	37.713	-119.706	-0.14	0.00	7.63	3.60	5.74	5.27	2.22	-2.64
POM	ACAD1	44.377	-68.261	-0.29	0.00	17.39	9.06	13.79	13.22	3.24	-2.17
POM	BADL1	43.743	-101.941	0.01	0.93	11.64	11.88	12.79	11.76	3.14	0.07
POM	BAND1	35.78	-106.266	-0.09	0.01	10.34	7.65	9.34	8.99	1.79	-1.03
POM	BIBE1	29.303	-103.178	-0.13	0.01	10.92	7.15	9.91	9.04	3.15	-1.44

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
POM	BLIS1	38.976	-120.103	0.08	0.24	13.14	15.60	15.73	14.45	3.64	0.58
POM	BOWA1	47.947	-91.495	-0.13	0.24	15.90	12.25	14.45	13.76	3.58	-0.91
POM	BRCA1	37.618	-112.174	0.03	0.48	8.08	9.01	9.47	8.56	2.99	0.38
POM	BRID1	42.975	-109.758	0.10	0.23	8.87	11.87	12.12	10.37	6.59	1.00
POM	BRIG1	39.465	-74.449	-0.37	0.00	25.81	15.12	19.95	20.28	4.30	-1.82
POM	CANY1	38.459	-109.821	-0.01	0.82	7.22	7.02	7.53	7.12	1.88	-0.10
POM	CHAS1	28.748	-82.555	-0.37	0.00	26.52	15.64	19.78	20.52	3.66	-1.83
POM	CHIR1	32.009	-109.389	-0.10	0.02	8.54	5.60	7.45	7.07	2.11	-1.43
POM	CORI1	45.664	-121.001	-0.27	0.01	24.40	16.51	19.42	19.77	3.96	-1.38
POM	CRLA1	42.896	-122.136	0.04	0.79	13.12	14.15	24.44	13.69	30.47	0.26
POM	DENA1	63.723	-148.967	-0.05	0.28	6.49	4.98	8.25	5.73	8.19	-0.91
POM	DOSO1	39.105	-79.426	-0.44	0.00	24.95	12.17	17.76	18.12	4.51	-2.43
POM	GICL1	33.22	-108.235	-0.23	0.01	14.02	7.43	13.66	10.27	12.04	-2.21
POM	GLAC1	48.511	-113.997	-0.28	0.12	30.03	21.92	27.10	25.98	9.35	-1.08
POM	GRBA1	39.005	-114.216	-0.06	0.33	9.53	7.76	8.64	8.56	2.50	-0.71
POM	GRCA3	36.066	-112.154	-0.03	0.57	7.75	7.00	8.47	7.36	3.86	-0.35
POM	GRSA1	37.725	-105.519	0.04	0.14	7.81	9.05	9.02	8.43	1.88	0.51
POM	GRSM1	35.633	-83.942	-0.56	0.00	30.59	14.32	22.55	22.46	6.01	-2.50
POM	GUMO1	31.833	-104.809	-0.04	0.16	9.05	7.77	8.68	8.41	1.55	-0.52
POM	JARB1	41.893	-115.426	0.12	0.17	9.45	12.94	12.94	11.32	6.08	1.06
POM	LAVO1	40.54	-121.577	0.12	0.22	12.13	15.64	20.91	13.89	17.83	0.87
POM	MACA1	37.132	-86.148	-0.45	0.00	30.78	17.78	22.87	23.83	4.85	-1.88
POM	MEVE1	37.198	-108.491	-0.01	0.87	7.81	7.61	7.78	7.71	1.97	-0.09
POM	MOOS1	45.126	-67.266	-0.20	0.00	16.76	10.85	13.14	13.30	2.29	-1.53
POM	MORA1	46.758	-122.124	-0.54	0.00	26.79	11.23	18.62	18.74	5.48	-2.86
POM	MOZI1	40.538	-106.677	0.09	0.32	7.62	10.24	9.32	9.20	2.78	0.98
POM	OKEF1	30.74	-82.128	-0.31	0.00	26.76	17.91	23.07	22.03	7.25	-1.39
POM	PEFO1	35.078	-109.769	-0.01	0.79	8.56	8.20	8.93	8.38	2.37	-0.15
POM	PINN1	36.483	-121.157	-0.26	0.01	18.59	10.95	14.47	14.77	3.91	-1.78
POM	PORE1	38.122	-122.909	-0.25	0.00	12.95	5.69	10.80	9.32	3.73	-2.69
POM	REDW1	41.561	-124.084	-0.24	0.00	13.25	6.43	11.26	9.84	4.95	-2.39
POM	ROMA1	32.941	-79.657	-0.40	0.00	27.50	15.86	21.38	20.68	4.00	-1.94
POM	ROMO1	40.278	-105.546	0.00	0.94	10.85	10.72	11.39	10.78	2.66	-0.04
POM	SAGO1	34.194	-116.913	-0.54	0.00	23.74	8.12	16.42	15.39	4.84	-3.50
POM	SAGU1	32.175	-110.737	-0.10	0.01	9.83	6.86	7.84	7.94	2.19	-1.29
POM	SEQU1	36.489	-118.829	-0.69	0.02	41.70	21.82	31.89	30.39	10.80	-2.26
POM	SHEN1	38.523	-78.435	-0.42	0.00	24.21	12.10	19.26	18.15	4.76	-2.30

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
POM	SHRO1	35.394	-82.774	-0.38	0.00	24.18	13.26	17.58	17.78	4.03	-2.12
POM	SIPS1	34.343	-87.339	-0.55	0.00	34.42	18.55	25.50	25.66	6.06	-2.13
POM	SNPA1	47.422	-121.426	-0.24	0.04	18.85	11.93	15.02	14.67	4.20	-1.63
POM	THSI1	44.291	-122.043	-0.16	0.28	20.98	16.29	18.71	18.31	5.50	-0.88
POM	TONT1	33.655	-111.107	-0.13	0.01	11.42	7.68	9.63	9.48	2.40	-1.36
POM	UPBU1	35.826	-93.203	-0.38	0.00	27.68	16.55	21.61	21.74	4.31	-1.77
POM	WEMI1	37.659	-107.8	0.04	0.21	7.55	8.70	8.46	8.12	2.36	0.49
POM	YELL2	44.565	-110.4	0.09	0.49	10.92	13.42	13.84	12.17	5.24	0.71
POM	YOSE1	37.713	-119.706	0.07	0.63	19.45	21.60	28.63	20.52	26.04	0.36
EC	ACAD1	44.377	-68.261	-0.17	0.00	6.54	1.59	4.04	4.06	1.68	-4.20
EC	BADL1	43.743	-101.941	-0.03	0.03	2.78	1.82	2.35	2.30	0.66	-1.44
EC	BAND1	35.78	-106.266	-0.07	0.00	3.40	1.48	2.49	2.44	0.69	-2.72
EC	BIBE1	29.303	-103.178	-0.06	0.00	3.37	1.72	2.63	2.55	0.66	-2.23
EC	BLIS1	38.976	-120.103	-0.04	0.01	3.75	2.50	2.89	3.08	0.61	-1.40
EC	BOWA1	47.947	-91.495	-0.06	0.00	4.02	2.30	2.96	3.01	0.71	-1.97
EC	BRCA1	37.618	-112.174	-0.03	0.07	2.54	1.61	2.00	2.06	0.61	-1.56
EC	BRID1	42.975	-109.758	-0.01	0.42	1.74	1.48	1.84	1.61	0.83	-0.56
EC	BRIG1	39.465	-74.449	-0.26	0.00	11.62	4.11	7.25	7.73	2.32	-3.35
EC	CANY1	38.459	-109.821	-0.05	0.00	2.55	1.01	1.81	1.78	0.55	-2.99
EC	CHAS1	28.748	-82.555	-0.21	0.00	11.69	5.47	8.39	8.26	2.07	-2.60
EC	CHIR1	32.009	-109.389	-0.04	0.00	2.44	1.16	1.76	1.80	0.50	-2.46
EC	CORI1	45.664	-121.001	-0.18	0.00	8.52	3.34	5.90	5.48	1.69	-3.26
EC	CRLA1	42.896	-122.136	-0.06	0.02	4.26	2.39	4.08	3.23	2.73	-2.00
EC	DENA1	63.723	-148.967	-0.05	0.00	2.13	0.80	1.60	1.47	1.00	-3.12
EC	DOSO1	39.105	-79.426	-0.16	0.00	7.31	2.71	4.81	4.85	1.53	-3.26
EC	GICL1	33.22	-108.235	-0.09	0.00	3.80	1.10	2.77	2.26	2.50	-4.11
EC	GLAC1	48.511	-113.997	-0.16	0.00	8.64	3.99	6.43	6.31	1.79	-2.54
EC	GRBA1	39.005	-114.216	-0.08	0.00	3.02	0.76	1.95	1.78	0.83	-4.39
EC	GRCA3	36.066	-112.154	-0.05	0.00	2.73	1.16	2.06	1.92	1.04	-2.82
EC	GRSA1	37.725	-105.519	-0.02	0.02	2.06	1.54	1.90	1.80	0.40	-1.01
EC	GRSM1	35.633	-83.942	-0.17	0.00	8.61	3.66	5.71	6.13	1.79	-2.78
EC	GUMO1	31.833	-104.809	-0.03	0.00	2.53	1.57	2.06	2.05	0.40	-1.61
EC	HAVO1	19.431	-155.258	-0.04	0.00	1.53	0.44	0.91	0.81	0.36	-4.63
EC	JARB1	41.893	-115.426	-0.01	0.58	1.93	1.67	1.88	1.79	0.83	-0.50
EC	LAVO1	40.54	-121.577	-0.03	0.10	3.54	2.67	3.68	3.11	2.17	-0.96
EC	MACA1	37.132	-86.148	-0.20	0.00	9.62	3.85	6.62	6.54	1.94	-3.04
EC	MEVE1	37.198	-108.491	-0.04	0.00	2.34	1.04	1.73	1.69	0.56	-2.65

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
EC	MOOS1	45.126	-67.266	-0.15	0.00	6.06	1.79	3.34	3.56	1.14	-4.13
EC	MORA1	46.758	-122.124	-0.23	0.00	8.63	1.97	5.48	5.18	2.15	-4.43
EC	MOZI1	40.538	-106.677	-0.03	0.07	1.99	1.26	1.54	1.55	0.44	-1.63
EC	OKEF1	30.74	-82.128	-0.14	0.00	8.96	4.83	6.32	6.75	1.49	-2.11
EC	PEFO1	35.078	-109.769	-0.09	0.00	4.91	2.26	3.55	3.59	1.00	-2.55
EC	PINN1	36.483	-121.157	-0.21	0.00	7.65	1.44	5.28	4.55	1.99	-4.71
EC	PORE1	38.122	-122.909	-0.19	0.00	6.34	0.90	3.71	3.43	1.94	-5.46
EC	REDW1	41.561	-124.084	-0.08	0.00	3.02	0.80	1.98	1.91	0.86	-4.00
EC	ROMA1	32.941	-79.657	-0.17	0.00	9.01	4.03	6.10	6.09	1.72	-2.82
EC	ROMO1	40.278	-105.546	-0.04	0.01	2.85	1.79	2.38	2.30	0.60	-1.58
EC	SAGO1	34.194	-116.913	-0.21	0.00	8.98	2.75	5.02	5.65	2.12	-3.80
EC	SAGU1	32.175	-110.737	-0.12	0.00	4.67	1.21	2.95	2.46	1.09	-4.83
EC	SEQU1	36.489	-118.829	-0.24	0.00	10.15	3.22	6.32	6.21	2.37	-3.85
EC	SHEN1	38.523	-78.435	-0.13	0.00	7.33	3.59	5.07	5.46	1.33	-2.36
EC	SHRO1	35.394	-82.774	-0.11	0.00	5.01	1.97	3.72	3.23	1.20	-3.25
EC	SIPS1	34.343	-87.339	-0.28	0.00	11.72	3.67	7.44	7.28	2.47	-3.82
EC	SNPA1	47.422	-121.426	-0.15	0.00	6.37	2.09	3.89	3.79	1.36	-3.90
EC	THSI1	44.291	-122.043	-0.07	0.00	4.16	2.02	3.26	2.94	1.38	-2.50
EC	TONT1	33.655	-111.107	-0.09	0.00	4.31	1.66	2.93	2.94	0.95	-3.12
EC	UPBU1	35.826	-93.203	-0.10	0.00	6.40	3.41	4.84	4.80	1.10	-2.14
EC	WEMI1	37.659	-107.8	-0.07	0.00	3.38	1.35	2.23	2.37	0.68	-2.97
EC	YELL2	44.565	-110.4	-0.04	0.03	3.00	1.93	2.42	2.45	0.78	-1.52
EC	YOSE1	37.713	-119.706	-0.07	0.03	5.00	2.98	4.74	3.99	2.92	-1.74
FD	ACAD1	44.377	-68.261	-0.01	0.00	0.62	0.36	0.46	0.49	0.13	-1.83
FD	BADL1	43.743	-101.941	0.00	0.93	1.36	1.38	1.38	1.37	0.28	0.04
FD	BAND1	35.78	-106.266	0.01	0.58	1.40	1.63	1.63	1.52	0.50	0.52
FD	BIBE1	29.303	-103.178	-0.01	0.46	3.12	2.76	3.20	2.94	0.98	-0.42
FD	BLIS1	38.976	-120.103	0.00	0.55	1.14	1.02	1.06	1.08	0.22	-0.40
FD	BOWA1	47.947	-91.495	-0.01	0.01	0.90	0.49	0.67	0.66	0.25	-2.13
FD	BRCA1	37.618	-112.174	0.00	0.79	1.36	1.43	1.44	1.39	0.39	0.17
FD	BRID1	42.975	-109.758	0.00	0.44	1.17	1.06	1.10	1.11	0.25	-0.33
FD	BRIG1	39.465	-74.449	-0.02	0.00	1.12	0.58	0.84	0.83	0.28	-2.22
FD	CANY1	38.459	-109.821	-0.01	0.23	1.85	1.58	1.73	1.71	0.48	-0.53
FD	CHAS1	28.748	-82.555	0.01	0.78	1.87	2.03	2.05	1.96	0.69	0.28
FD	CHIR1	32.009	-109.389	0.02	0.13	2.15	2.65	2.41	2.40	0.57	0.72
FD	CORI1	45.664	-121.001	0.05	0.01	1.25	2.69	2.58	2.09	1.06	2.38
FD	CRLA1	42.896	-122.136	-0.01	0.02	1.18	0.84	0.95	0.99	0.23	-1.15

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
FD	CRMO1	43.46	-113.555	0.00	0.82	1.35	1.31	1.49	1.33	0.57	-0.12
FD	DENA1	63.723	-148.967	-0.01	0.03	0.46	0.28	0.44	0.37	0.35	-1.72
FD	DOSO1	39.105	-79.426	-0.02	0.00	1.22	0.67	0.89	0.92	0.27	-2.06
FD	EVER1	25.391	-80.681	-0.01	0.77	3.50	3.12	3.58	3.28	1.29	-0.40
FD	GICL1	33.22	-108.235	0.00	0.84	1.72	1.86	1.89	1.80	0.56	0.27
FD	GLAC1	48.511	-113.997	0.01	0.42	1.65	1.90	1.80	1.77	0.50	0.48
FD	GRBA1	39.005	-114.216	0.00	0.72	1.72	1.62	1.56	1.66	0.36	-0.21
FD	GRCA3	36.066	-112.154	0.01	0.26	1.21	1.52	1.47	1.37	0.42	0.80
FD	GRSA1	37.725	-105.519	0.00	0.96	2.67	2.64	2.56	2.65	0.78	-0.04
FD	GRSM1	35.633	-83.942	-0.01	0.10	1.22	0.87	1.06	1.05	0.28	-1.17
FD	GUMO1	31.833	-104.809	0.04	0.18	3.08	4.36	4.13	3.72	1.53	1.19
FD	HALE1	20.809	-156.282	0.00	0.90	0.51	0.49	0.53	0.50	0.09	-0.17
FD	HAVO1	19.431	-155.258	0.00	0.27	0.45	0.34	0.47	0.38	0.30	-1.02
FD	JARB1	41.893	-115.426	-0.01	0.76	2.83	2.67	2.75	2.75	0.58	-0.19
FD	LAVO1	40.54	-121.577	0.00	0.99	1.08	1.06	1.07	1.07	0.32	-0.05
FD	LYBR1	43.148	-73.127	0.00	0.72	0.62	0.69	0.67	0.65	0.17	0.35
FD	MACA1	37.132	-86.148	-0.01	0.14	1.27	0.89	1.03	1.06	0.29	-1.23
FD	MEVE1	37.198	-108.491	0.00	0.90	1.83	1.85	2.05	1.84	1.04	0.03
FD	MOOS1	45.126	-67.266	-0.01	0.00	0.67	0.30	0.43	0.45	0.14	-2.84
FD	MORA1	46.758	-122.124	-0.01	0.00	0.71	0.44	0.56	0.57	0.13	-1.60
FD	MOZI1	40.538	-106.677	-0.02	0.03	1.41	0.90	1.16	1.10	0.28	-1.58
FD	OKEF1	30.74	-82.128	0.01	0.58	1.49	1.72	1.62	1.62	0.44	0.49
FD	PEFO1	35.078	-109.769	0.01	0.49	2.05	2.27	2.19	2.16	0.51	0.35
FD	PINN1	36.483	-121.157	0.00	0.18	0.97	0.89	0.96	0.93	0.16	-0.32
FD	PORE1	38.122	-122.909	0.00	0.25	0.48	0.41	0.47	0.45	0.12	-0.48
FD	REDW1	41.561	-124.084	0.00	0.06	0.40	0.30	0.36	0.35	0.09	-1.00
FD	ROMA1	32.941	-79.657	0.00	0.78	1.12	1.21	1.25	1.17	0.30	0.24
FD	ROMO1	40.278	-105.546	-0.02	0.05	1.92	1.45	1.65	1.68	0.41	-0.97
FD	SAGO1	34.194	-116.913	-0.04	0.00	2.37	1.17	1.73	1.73	0.55	-2.41
FD	SAGU1	32.175	-110.737	-0.03	0.32	4.16	3.16	3.71	3.52	1.33	-0.98
FD	SAWT1	44.171	-114.927	0.00	0.64	0.94	1.05	1.06	1.00	0.30	0.37
FD	SEQU1	36.489	-118.829	-0.01	0.48	2.48	2.17	3.35	2.31	3.96	-0.46
FD	SHEN1	38.523	-78.435	-0.02	0.00	1.22	0.64	0.86	0.93	0.27	-2.15
FD	SHRO1	35.394	-82.774	-0.02	0.02	1.46	0.77	1.10	1.04	0.47	-2.30
FD	SIPS1	34.343	-87.339	-0.02	0.15	1.63	1.17	1.30	1.37	0.42	-1.15
FD	SNPA1	47.422	-121.426	-0.01	0.00	0.77	0.48	0.58	0.60	0.16	-1.68
FD	SULA1	45.86	-114	-0.01	0.02	1.05	0.73	0.87	0.87	0.22	-1.26

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
FD	THSI1	44.291	-122.043	0.02	0.07	0.63	1.22	1.21	0.97	0.87	2.09
FD	TONT1	33.655	-111.107	0.02	0.12	2.26	2.97	2.87	2.62	0.80	0.93
FD	UPBU1	35.826	-93.203	-0.01	0.36	1.88	1.56	1.87	1.71	0.68	-0.64
FD	VIIS1	18.336	-64.796	-0.25	0.00	12.40	5.25	9.32	8.58	3.11	-2.88
FD	WEMI1	37.659	-107.8	0.00	0.66	1.37	1.47	1.46	1.42	0.43	0.24
FD	WHRI1	39.154	-106.821	0.01	0.23	1.01	1.41	1.33	1.24	0.37	1.12
FD	YELL2	44.565	-110.4	-0.04	0.00	1.48	0.43	1.08	0.96	0.44	-3.78
FD	YOSE1	37.713	-119.706	0.00	0.82	1.26	1.23	1.24	1.24	0.22	-0.09
CM	ACAD1	44.377	-68.261	-0.08	0.00	4.47	2.10	3.95	3.28	1.59	-2.49
CM	BADL1	43.743	-101.941	-0.05	0.08	7.33	5.80	6.76	6.57	1.36	-0.80
CM	BAND1	35.78	-106.266	-0.06	0.02	5.13	3.34	4.70	4.24	1.75	-1.45
CM	BIBE1	29.303	-103.178	-0.09	0.04	9.22	6.53	8.52	7.83	2.70	-1.18
CM	BLIS1	38.976	-120.103	0.00	0.88	2.98	3.05	3.06	3.02	0.88	0.07
CM	BOWA1	47.947	-91.495	-0.02	0.24	3.84	3.17	3.53	3.46	0.68	-0.67
CM	BRCA1	37.618	-112.174	-0.03	0.04	4.24	3.31	3.86	3.76	0.89	-0.85
CM	BRID1	42.975	-109.758	-0.06	0.00	3.58	1.85	3.00	2.71	1.22	-2.19
CM	BRIG1	39.465	-74.449	-0.13	0.27	11.80	8.13	11.70	9.78	5.66	-1.30
CM	CANY1	38.459	-109.821	-0.09	0.00	6.16	3.61	5.00	4.89	1.33	-1.80
CM	CHAS1	28.748	-82.555	-0.12	0.01	7.74	4.29	6.52	5.72	1.99	-2.08
CM	CHIR1	32.009	-109.389	0.07	0.09	5.80	7.68	7.18	6.74	1.83	0.96
CM	CORI1	45.664	-121.001	0.37	0.00	6.67	17.43	14.21	13.17	5.25	2.82
CM	CRLA1	42.896	-122.136	-0.11	0.00	3.99	0.76	2.57	2.10	1.34	-5.32
CM	DENA1	63.723	-148.967	-0.06	0.01	2.84	1.03	2.45	1.94	1.41	-3.22
CM	DOSO1	39.105	-79.426	-0.09	0.01	4.90	2.28	3.59	3.46	1.09	-2.62
CM	GICL1	33.22	-108.235	-0.09	0.01	5.31	2.81	4.00	3.89	1.14	-2.21
CM	GLAC1	48.511	-113.997	-0.01	0.82	8.07	7.86	8.46	7.96	2.67	-0.09
CM	GRBA1	39.005	-114.216	-0.02	0.22	4.31	3.81	3.97	4.03	0.59	-0.43
CM	GRCA3	36.066	-112.154	-0.14	0.00	5.96	1.83	4.57	3.97	2.14	-3.59
CM	GRSA1	37.725	-105.519	-0.09	0.01	6.47	3.78	5.66	5.12	2.20	-1.81
CM	GRSM1	35.633	-83.942	-0.10	0.00	6.07	3.11	4.96	4.59	1.61	-2.22
CM	GUMO1	31.833	-104.809	0.05	0.53	9.17	10.76	11.78	9.97	4.83	0.55
CM	JARB1	41.893	-115.426	-0.05	0.04	6.66	5.23	6.10	5.87	1.00	-0.84
CM	LAVO1	40.54	-121.577	-0.04	0.14	3.91	2.88	3.69	3.40	1.50	-1.05
CM	MACA1	37.132	-86.148	-0.07	0.03	5.35	3.26	4.51	4.23	1.20	-1.70
CM	MEVE1	37.198	-108.491	-0.06	0.03	4.91	3.16	4.60	4.04	2.09	-1.49
CM	MOOS1	45.126	-67.266	-0.08	0.00	3.81	1.48	2.78	2.44	0.89	-3.27
CM	MORA1	46.758	-122.124	-0.06	0.00	3.53	1.90	3.14	2.69	1.22	-2.09

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
CM	MOZI1	40.538	-106.677	-0.09	0.00	4.71	2.13	3.31	3.15	0.99	-2.82
CM	OKEF1	30.74	-82.128	-0.08	0.15	6.76	4.51	6.23	5.52	2.42	-1.41
CM	PEFO1	35.078	-109.769	0.03	0.35	4.93	5.76	5.87	5.36	2.34	0.53
CM	PINN1	36.483	-121.157	-0.09	0.00	7.84	5.28	7.02	6.56	1.83	-1.35
CM	PORE1	38.122	-122.909	-0.11	0.03	10.68	7.61	9.94	9.15	2.62	-1.16
CM	REDW1	41.561	-124.084	-0.07	0.03	6.03	4.00	5.29	5.02	1.25	-1.39
CM	ROMA1	32.941	-79.657	-0.09	0.09	7.87	5.23	6.78	6.32	1.46	-1.44
CM	ROMO1	40.278	-105.546	-0.05	0.02	5.23	3.79	4.64	4.48	1.37	-1.11
CM	SAGO1	34.194	-116.913	-0.14	0.00	9.21	5.07	7.58	7.00	2.43	-2.04
CM	SAGU1	32.175	-110.737	-0.05	0.32	9.05	7.70	8.39	8.19	1.61	-0.57
CM	SEQU1	36.489	-118.829	0.04	0.71	10.51	11.80	12.86	11.24	6.36	0.40
CM	SHEN1	38.523	-78.435	-0.07	0.04	4.76	2.82	4.27	3.79	1.35	-1.76
CM	SHRO1	35.394	-82.774	-0.04	0.69	4.05	2.87	3.70	3.31	1.64	-1.23
CM	SIPS1	34.343	-87.339	-0.08	0.00	6.06	3.79	5.00	4.77	1.09	-1.64
CM	SNPA1	47.422	-121.426	-0.03	0.28	2.56	1.65	2.23	2.01	0.78	-1.57
CM	THSI1	44.291	-122.043	0.09	0.06	3.08	5.67	5.53	4.60	3.79	1.94
CM	TONT1	33.655	-111.107	-0.01	0.94	7.96	7.82	7.88	7.89	1.52	-0.06
CM	UPBU1	35.826	-93.203	-0.07	0.13	7.82	5.70	7.17	6.65	2.36	-1.10
CM	WEMI1	37.659	-107.8	-0.09	0.00	4.43	1.95	3.52	3.19	1.17	-2.68
CM	YELL2	44.565	-110.4	-0.12	0.00	4.78	1.22	3.87	2.94	2.32	-4.18
CM	YOSE1	37.713	-119.706	0.03	0.36	4.90	5.81	5.39	5.35	1.18	0.58
Fine bext	ACAD1	44.377	-68.261	-3.24	0.00	121.74	27.70	68.35	66.61	30.85	-4.87
Fine bext	BADL1	43.743	-101.941	-0.71	0.00	49.99	29.41	38.39	37.93	7.76	-1.87
Fine bext	BAND1	35.78	-106.266	-0.33	0.00	26.92	17.31	21.55	21.12	4.00	-1.57
Fine bext	BIBE1	29.303	-103.178	-0.33	0.00	42.32	32.68	36.12	36.67	4.76	-0.91
Fine bext	BLIS1	38.976	-120.103	-0.16	0.26	28.02	23.49	26.27	25.37	4.22	-0.62
Fine bext	BOWA1	47.947	-91.495	-1.80	0.00	85.65	33.46	53.63	53.26	15.76	-3.38
Fine bext	BRCA1	37.618	-112.174	-0.21	0.03	22.52	16.47	18.63	18.87	3.70	-1.11
Fine bext	BRID1	42.975	-109.758	-0.12	0.35	19.95	16.57	21.09	17.91	8.84	-0.65
Fine bext	BRIG1	39.465	-74.449	-4.57	0.00	182.60	50.17	104.62	95.83	39.56	-4.76
Fine bext	CANY1	38.459	-109.821	-0.35	0.00	23.46	13.40	19.01	17.57	4.89	-1.97
Fine bext	CHIR1	32.009	-109.389	-0.37	0.00	27.11	16.44	21.30	20.86	4.73	-1.76
Fine bext	CRLA1	42.896	-122.136	-0.08	0.86	28.55	26.33	34.62	27.09	23.61	-0.28
Fine bext	DENA1	63.723	-148.967	-0.24	0.02	18.60	11.63	15.87	14.40	5.01	-1.67
Fine bext	DOSO1	39.105	-79.426	-6.68	0.00	225.28	31.68	110.55	101.78	55.84	-6.56
Fine bext	GLAC1	48.511	-113.997	-0.75	0.00	62.55	40.74	47.42	49.76	10.64	-1.51
Fine bext	GRBA1	39.005	-114.216	-0.19	0.03	19.80	14.15	16.48	16.19	3.88	-1.20

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Fine bext	GRCA3	36.066	-112.154	-0.30	0.00	23.34	14.67	18.72	18.41	4.67	-1.63
Fine bext	GRSA1	37.725	-105.519	-0.13	0.02	22.33	18.61	19.65	20.15	2.62	-0.64
Fine bext	GRSM1	35.633	-83.942	-6.56	0.00	256.57	66.36	124.93	145.07	62.05	-4.52
Fine bext	GUM01	31.833	-104.809	-0.14	0.20	33.17	29.21	31.05	30.78	4.48	-0.44
Fine bext	JARB1	41.893	-115.426	0.02	0.84	20.02	20.51	21.80	20.33	5.70	0.08
Fine bext	LAVO1	40.54	-121.577	-0.45	0.12	37.42	24.42	32.85	28.90	16.17	-1.55
Fine bext	MACA1	37.132	-86.148	-6.83	0.00	265.42	67.23	140.54	142.41	57.76	-4.80
Fine bext	MEVE1	37.198	-108.491	-0.28	0.00	22.64	14.41	18.68	17.82	4.87	-1.59
Fine bext	MORA1	46.758	-122.124	-1.72	0.00	71.56	21.60	45.45	41.41	16.23	-4.16
Fine bext	OKEF1	30.74	-82.128	-3.96	0.00	166.50	51.79	92.52	95.30	34.81	-4.15
Fine bext	PEFO1	35.078	-109.769	-0.31	0.00	26.79	17.76	21.28	21.34	3.86	-1.46
Fine bext	PINN1	36.483	-121.157	-1.03	0.00	62.58	32.84	45.62	45.15	11.49	-2.27
Fine bext	PORE1	38.122	-122.909	-1.06	0.00	81.91	51.19	65.68	62.85	12.85	-1.69
Fine bext	REDW1	41.561	-124.084	-0.60	0.02	64.30	47.01	52.38	54.16	9.25	-1.10
Fine bext	ROMO1	40.278	-105.546	-0.37	0.00	32.35	21.75	25.06	25.95	5.06	-1.41
Fine bext	SAGO1	34.194	-116.913	-2.69	0.00	105.90	27.87	59.55	58.81	24.66	-4.58
Fine bext	SAGU1	32.175	-110.737	-0.53	0.00	31.72	16.47	24.02	21.99	5.90	-2.39
Fine bext	SEQU1	36.489	-118.829	-2.38	0.00	114.21	45.30	74.63	69.07	24.79	-3.44
Fine bext	SHEN1	38.523	-78.435	-6.05	0.00	231.79	56.23	119.95	128.88	59.43	-4.70
Fine bext	TONT1	33.655	-111.107	-0.38	0.00	29.83	18.92	23.83	23.06	4.28	-1.63
Fine bext	UPBU1	35.826	-93.203	-3.71	0.00	155.47	47.84	92.10	86.81	31.33	-4.27
Fine bext	WEMI1	37.659	-107.8	-0.18	0.00	20.20	14.88	17.31	17.08	3.51	-1.07
Fine bext	YELL2	44.565	-110.4	-0.06	0.71	22.53	20.90	22.27	21.57	5.77	-0.26
Fine bext	YOSE1	37.713	-119.706	-0.25	0.18	41.67	34.35	40.64	37.38	19.29	-0.68
Aerosol bext	ACAD1	44.377	-68.261	-3.22	0.00	125.50	32.07	71.08	70.73	31.76	-4.55
Aerosol bext	BADL1	43.743	-101.941	-0.67	0.00	54.09	34.73	43.08	42.74	7.63	-1.56
Aerosol bext	BAND1	35.78	-106.266	-0.30	0.00	30.81	22.14	24.70	25.58	4.02	-1.17
Aerosol bext	BIBE1	29.303	-103.178	-0.53	0.00	50.93	35.56	42.46	41.92	5.89	-1.26
Aerosol bext	BLIS1	38.976	-120.103	-0.18	0.16	30.73	25.42	28.65	27.62	4.41	-0.66
Aerosol bext	BOWA1	47.947	-91.495	-1.73	0.00	87.81	37.55	56.28	56.62	15.68	-3.06
Aerosol bext	BRCA1	37.618	-112.174	-0.19	0.01	25.38	19.74	21.69	21.98	3.49	-0.89
Aerosol bext	BRID1	42.975	-109.758	-0.13	0.43	23.11	19.24	23.32	20.77	8.74	-0.64
Aerosol bext	BRIG1	39.465	-74.449	-4.62	0.00	205.79	71.76	112.17	117.98	39.64	-3.92
Aerosol bext	CANY1	38.459	-109.821	-0.42	0.00	28.74	16.63	22.42	21.64	4.93	-1.93
Aerosol bext	CHIR1	32.009	-109.389	-0.34	0.01	32.18	22.26	27.12	26.37	5.36	-1.30
Aerosol bext	CRLA1	42.896	-122.136	-0.19	0.67	32.91	27.41	36.13	29.31	23.37	-0.65
Aerosol bext	DENA1	63.723	-148.967	-0.28	0.02	20.93	12.79	17.33	16.02	5.31	-1.75

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Aerosol bext	DOSO1	39.105	-79.426	-6.79	0.00	229.46	32.51	113.05	103.82	56.79	-6.54
Aerosol bext	GLAC1	48.511	-113.997	-0.84	0.00	70.88	46.63	52.59	56.66	10.77	-1.48
Aerosol bext	GRBA1	39.005	-114.216	-0.15	0.10	23.15	18.75	20.62	20.34	4.03	-0.74
Aerosol bext	GRCA3	36.066	-112.154	-0.37	0.00	27.96	17.18	21.74	21.83	5.18	-1.70
Aerosol bext	GRSA1	37.725	-105.519	-0.23	0.01	27.77	21.00	24.10	23.80	4.22	-0.98
Aerosol bext	GRSM1	35.633	-83.942	-6.44	0.00	260.24	73.43	128.10	150.73	62.00	-4.27
Aerosol bext	GUMO1	31.833	-104.809	-0.16	0.35	41.26	36.70	39.02	38.51	6.04	-0.41
Aerosol bext	JARB1	41.893	-115.426	-0.01	0.98	25.72	25.36	27.14	25.49	6.40	-0.05
Aerosol bext	LAVO1	40.54	-121.577	-0.38	0.20	38.14	27.09	35.50	30.90	16.10	-1.23
Aerosol bext	MACA1	37.132	-86.148	-6.82	0.00	267.77	69.99	143.44	145.01	57.98	-4.70
Aerosol bext	MEVE1	37.198	-108.491	-0.31	0.00	27.45	18.59	22.63	22.26	5.87	-1.37
Aerosol bext	MORA1	46.758	-122.124	-1.71	0.00	73.94	24.36	47.72	44.02	16.18	-3.88
Aerosol bext	OKEF1	30.74	-82.128	-4.04	0.00	171.34	54.20	96.20	98.63	35.27	-4.10
Aerosol bext	PEFO1	35.078	-109.769	-0.33	0.00	31.16	21.65	26.27	25.42	5.74	-1.29
Aerosol bext	PINN1	36.483	-121.157	-1.05	0.00	67.45	36.95	50.81	49.57	12.34	-2.12
Aerosol bext	PORE1	38.122	-122.909	-1.14	0.00	91.61	58.52	73.30	71.07	12.58	-1.61
Aerosol bext	REDW1	41.561	-124.084	-0.53	0.03	66.62	51.29	56.95	57.63	9.69	-0.92
Aerosol bext	ROMO1	40.278	-105.546	-0.38	0.01	35.19	24.26	28.81	28.59	5.43	-1.32
Aerosol bext	SAGO1	34.194	-116.913	-2.89	0.00	115.04	31.36	65.61	64.54	25.99	-4.47
Aerosol bext	SAGU1	32.175	-110.737	-0.52	0.00	39.64	24.52	30.28	29.99	5.64	-1.74
Aerosol bext	SEQU1	36.489	-118.829	-2.69	0.00	124.31	46.38	83.65	73.25	26.12	-3.67
Aerosol bext	SHEN1	38.523	-78.435	-6.10	0.00	238.95	61.96	123.31	135.20	59.73	-4.51
Aerosol bext	TONT1	33.655	-111.107	-0.33	0.00	35.75	26.05	29.93	29.73	4.55	-1.12
Aerosol bext	UPBU1	35.826	-93.203	-3.94	0.00	166.42	52.02	97.27	93.44	31.84	-4.22
Aerosol bext	WEMI1	37.659	-107.8	-0.25	0.00	24.57	17.46	20.15	20.40	3.79	-1.20
Aerosol bext	YELL2	44.565	-110.4	-0.09	0.21	25.40	22.70	25.58	23.82	5.93	-0.39
Aerosol bext	YOSE1	37.713	-119.706	-0.24	0.15	45.89	39.07	45.32	41.89	19.68	-0.56
Total bext	ACAD1	44.377	-68.261	-3.22	0.00	137.50	44.07	83.08	82.73	31.76	-3.89
Total bext	BADL1	43.743	-101.941	-0.67	0.00	65.09	45.73	54.08	53.74	7.63	-1.24
Total bext	BAND1	35.78	-106.266	-0.30	0.00	39.81	31.14	33.70	34.58	4.02	-0.86
Total bext	BIBE1	29.303	-103.178	-0.53	0.00	60.93	45.56	52.46	51.92	5.89	-1.02
Total bext	BLIS1	38.976	-120.103	-0.18	0.16	39.73	34.42	37.65	36.62	4.41	-0.50
Total bext	BOWA1	47.947	-91.495	-1.73	0.00	98.81	48.55	67.28	67.62	15.68	-2.56
Total bext	BRCA1	37.618	-112.174	-0.19	0.01	34.38	28.74	30.69	30.98	3.49	-0.63
Total bext	BRID1	42.975	-109.758	-0.13	0.43	32.11	28.24	32.32	29.77	8.74	-0.45
Total bext	BRIG1	39.465	-74.449	-4.62	0.00	217.79	83.76	124.17	129.98	39.64	-3.56
Total bext	CANY1	38.459	-109.821	-0.42	0.00	37.74	25.63	31.42	30.64	4.93	-1.36

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
Total bext	CHIR1	32.009	-109.389	-0.34	0.01	42.18	32.26	37.12	36.37	5.36	-0.94
Total bext	CRLA1	42.896	-122.136	-0.19	0.67	41.91	36.41	45.13	38.31	23.37	-0.50
Total bext	DENA1	63.723	-148.967	-0.28	0.02	31.93	23.79	28.33	27.02	5.31	-1.04
Total bext	DOSO1	39.105	-79.426	-6.79	0.00	239.46	42.51	123.05	113.82	56.79	-5.97
Total bext	GLAC1	48.511	-113.997	-0.84	0.00	81.88	57.63	63.59	67.66	10.77	-1.24
Total bext	GRBA1	39.005	-114.216	-0.15	0.10	32.15	27.75	29.62	29.34	4.03	-0.52
Total bext	GRCA3	36.066	-112.154	-0.37	0.00	36.96	26.18	30.74	30.83	5.18	-1.21
Total bext	GRSA1	37.725	-105.519	-0.23	0.01	36.77	30.00	33.10	32.80	4.22	-0.71
Total bext	GRSM1	35.633	-83.942	-6.44	0.00	271.24	84.43	139.10	161.73	62.00	-3.98
Total bext	GUMO1	31.833	-104.809	-0.16	0.35	50.26	45.70	48.02	47.51	6.04	-0.33
Total bext	JARB1	41.893	-115.426	-0.01	0.98	35.72	35.36	37.14	35.49	6.40	-0.04
Total bext	LAVO1	40.54	-121.577	-0.38	0.20	48.14	37.09	45.50	40.90	16.10	-0.93
Total bext	MACA1	37.132	-86.148	-6.82	0.00	278.77	80.99	154.44	156.01	57.98	-4.37
Total bext	MEVE1	37.198	-108.491	-0.31	0.00	36.45	27.59	31.63	31.26	5.87	-0.98
Total bext	MORA1	46.758	-122.124	-1.71	0.00	84.94	35.36	58.72	55.02	16.18	-3.11
Total bext	OKEF1	30.74	-82.128	-4.04	0.00	182.34	65.20	107.20	109.63	35.27	-3.68
Total bext	PEFO1	35.078	-109.769	-0.33	0.00	40.16	30.65	35.27	34.42	5.74	-0.95
Total bext	PINN1	36.483	-121.157	-1.05	0.00	78.45	47.95	61.81	60.57	12.34	-1.74
Total bext	PORE1	38.122	-122.909	-1.14	0.00	103.61	70.52	85.30	83.07	12.58	-1.37
Total bext	REDW1	41.561	-124.084	-0.53	0.03	77.62	62.29	67.95	68.63	9.69	-0.77
Total bext	ROMO1	40.278	-105.546	-0.38	0.01	44.19	33.26	37.81	37.59	5.43	-1.00
Total bext	SAGO1	34.194	-116.913	-2.89	0.00	125.04	41.36	75.61	74.54	25.99	-3.87
Total bext	SAGU1	32.175	-110.737	-0.52	0.00	49.64	34.52	40.28	39.99	5.64	-1.30
Total bext	SEQU1	36.489	-118.829	-2.69	0.00	135.31	57.38	94.65	84.25	26.12	-3.19
Total bext	SHEN1	38.523	-78.435	-6.10	0.00	248.95	71.96	133.31	145.20	59.73	-4.20
Total bext	TONT1	33.655	-111.107	-0.33	0.00	45.75	36.05	39.93	39.73	4.55	-0.84
Total bext	UPBU1	35.826	-93.203	-3.94	0.00	177.42	63.02	108.27	104.44	31.84	-3.78
Total bext	WEMI1	37.659	-107.8	-0.25	0.00	33.57	26.46	29.15	29.40	3.79	-0.83
Total bext	YELL2	44.565	-110.4	-0.09	0.21	34.40	31.70	34.58	32.82	5.93	-0.28
Total bext	YOSE1	37.713	-119.706	-0.24	0.15	55.89	49.07	55.32	51.89	19.68	-0.45
dv	ACAD1	44.377	-68.261	-0.41	0.00	28.08	16.22	20.47	21.13	3.83	-1.93
dv	BADL1	43.743	-101.941	-0.12	0.00	18.82	15.40	16.78	16.82	1.47	-0.70
dv	BAND1	35.78	-106.266	-0.09	0.00	13.91	11.42	12.08	12.41	1.24	-0.69
dv	BIBE1	29.303	-103.178	-0.10	0.00	18.22	15.24	16.51	16.47	1.15	-0.62
dv	BLIS1	38.976	-120.103	-0.05	0.16	13.78	12.41	13.19	12.98	1.18	-0.36
dv	BOWA1	47.947	-91.495	-0.26	0.00	23.83	16.23	18.79	19.11	2.39	-1.37
dv	BRCA1	37.618	-112.174	-0.07	0.01	12.48	10.54	11.15	11.31	1.15	-0.59

Species	Site	Lat	Lon	Slope (Mm ⁻¹ yr ⁻¹)	Statistical Significance (p)	Beg. Year b _{ext} (Mm ⁻¹)	End Year b _{ext} (Mm ⁻¹)	Mean (Mm ⁻¹)	Median (Mm ⁻¹)	Standard Deviation (Mm ⁻¹)	Trend (% yr ⁻¹)
dv	BRID1	42.975	-109.758	-0.04	0.43	11.68	10.40	11.44	10.91	2.34	-0.41
dv	BRIG1	39.465	-74.449	-0.40	0.00	33.20	21.67	24.66	25.65	3.41	-1.55
dv	CANY1	38.459	-109.821	-0.13	0.00	13.49	9.58	11.34	11.20	1.52	-1.20
dv	CHIR1	32.009	-109.389	-0.09	0.01	14.50	11.79	13.02	12.91	1.42	-0.72
dv	CRLA1	42.896	-122.136	-0.06	0.67	14.54	12.85	14.24	13.43	3.76	-0.44
dv	DENA1	63.723	-148.967	-0.10	0.02	11.77	8.74	10.26	9.94	1.73	-1.05
dv	DOSO1	39.105	-79.426	-0.59	0.00	35.14	18.16	24.06	24.31	4.72	-2.41
dv	GLAC1	48.511	-113.997	-0.14	0.00	21.49	17.45	18.35	19.12	1.77	-0.73
dv	GRBA1	39.005	-114.216	-0.05	0.10	11.74	10.21	10.77	10.76	1.34	-0.49
dv	GRCA3	36.066	-112.154	-0.13	0.00	13.36	9.66	11.10	11.25	1.60	-1.13
dv	GRSA1	37.725	-105.519	-0.08	0.01	13.16	10.97	11.89	11.88	1.25	-0.63
dv	GRSM1	35.633	-83.942	-0.52	0.00	36.74	21.55	25.23	27.83	4.97	-1.88
dv	GUMO1	31.833	-104.809	-0.03	0.35	16.19	15.18	15.61	15.58	1.27	-0.22
dv	JARB1	41.893	-115.426	0.00	0.98	12.73	12.63	12.98	12.67	1.66	-0.03
dv	LAVO1	40.54	-121.577	-0.10	0.20	16.08	13.04	14.71	14.09	2.81	-0.75
dv	MACA1	37.132	-86.148	-0.50	0.00	36.38	22.03	26.63	27.47	4.05	-1.80
dv	MEVE1	37.198	-108.491	-0.10	0.00	13.11	10.19	11.37	11.40	1.68	-0.88
dv	MORA1	46.758	-122.124	-0.28	0.00	22.03	13.78	17.37	17.05	2.59	-1.67
dv	OKEF1	30.74	-82.128	-0.40	0.00	31.09	19.58	23.19	23.95	3.35	-1.66
dv	PEFO1	35.078	-109.769	-0.10	0.00	14.06	11.24	12.49	12.36	1.51	-0.79
dv	PINN1	36.483	-121.157	-0.18	0.00	21.04	15.87	18.03	18.01	1.92	-0.99
dv	PORE1	38.122	-122.909	-0.14	0.00	23.62	19.67	21.33	21.17	1.49	-0.64
dv	REDW1	41.561	-124.084	-0.08	0.03	20.60	18.32	19.06	19.26	1.43	-0.41
dv	ROMO1	40.278	-105.546	-0.10	0.01	14.97	12.11	13.20	13.24	1.49	-0.74
dv	SAGO1	34.194	-116.913	-0.38	0.00	26.70	15.73	19.67	20.08	3.42	-1.88
dv	SAGU1	32.175	-110.737	-0.13	0.00	16.35	12.45	13.84	13.86	1.37	-0.97
dv	SEQU1	36.489	-118.829	-0.28	0.00	26.72	18.47	22.14	21.31	2.59	-1.34
dv	SHEN1	38.523	-78.435	-0.52	0.00	35.58	20.52	24.81	26.76	4.90	-1.94
dv	TONT1	33.655	-111.107	-0.09	0.00	15.33	12.86	13.78	13.80	1.14	-0.62
dv	UPBU1	35.826	-93.203	-0.39	0.00	30.75	19.30	23.39	23.45	3.03	-1.68
dv	WEMI1	37.659	-107.8	-0.09	0.00	12.25	9.75	10.62	10.79	1.27	-0.80
dv	YELL2	44.565	-110.4	-0.03	0.21	12.36	11.54	12.27	11.88	1.69	-0.24
dv	YOSE1	37.713	-119.706	-0.05	0.15	17.24	15.92	16.74	16.47	2.47	-0.28