

APPENDIX B: 2005–2008 ANNUAL MEAN MASS CONCENTRATIONS AND PM_{2.5} MASS FRACTIONS FOR EACH SITE.

Table B.1. IMPROVE and CSN 2005–2008 annual mean mass concentration ($\mu\text{g m}^{-3}$) for PM_{2.5} particulate organic matter (POM=1.8*organic carbon), light absorbing carbon (LAC), ammonium sulfate (AS), ammonium nitrate (AN), soil, sea salt, gravimetric fine mass (FM), coarse mass (CM), PM_{2.5} reconstructed fine mass (RCFM) and PM₁₀.

IMPROVE

| Site Code | Site Name | State | POM | LAC | AS | AN | Soil | Sea salt | FM | CM | RCFM | PM ₁₀ |
|-----------|----------------------------|-------|-------|-------|-------|-------|-------|----------|--------|--------|--------|------------------|
| ACAD1 | Acadia NP | ME | 1.503 | 0.183 | 2.077 | 0.320 | 0.188 | 0.189 | 4.540 | 2.573 | 4.459 | 7.143 |
| ADPI1 | Addison Pinnacle | NY | 2.147 | 0.351 | 4.322 | 0.866 | 0.348 | 0.047 | 8.180 | 2.998 | 8.081 | 11.207 |
| AGTI1 | Agua Tibia | CA | 1.989 | 0.341 | 2.239 | 1.478 | 0.679 | 0.229 | 6.225 | 8.439 | 6.954 | 14.744 |
| AREN1 | Arendtsville | PA | 2.831 | 0.489 | 5.524 | 1.869 | 0.421 | 0.131 | 10.814 | 4.650 | 11.265 | 15.600 |
| BADL1 | Badlands NP | SD | 1.714 | 0.115 | 1.225 | 0.381 | 0.640 | 0.025 | 3.692 | 4.963 | 4.101 | 8.660 |
| BALD1 | Mount Baldy | AZ | 1.988 | 0.141 | 0.858 | 0.155 | 0.709 | 0.029 | 3.017 | 3.188 | 3.880 | 6.272 |
| BALT1 | Baltimore | MD | 3.633 | 0.863 | 6.171 | 1.891 | 0.603 | 0.211 | 12.686 | 6.425 | 13.372 | 19.121 |
| BAND1 | Bandelier NM | NM | 1.284 | 0.137 | 0.906 | 0.222 | 0.637 | 0.015 | 3.073 | 3.078 | 3.201 | 6.173 |
| BIBE1 | Big Bend NP | TX | 1.153 | 0.134 | 2.544 | 0.241 | 1.042 | 0.028 | 5.364 | 5.612 | 5.143 | 10.983 |
| BIRM1 | Birmingham | AL | 6.984 | 1.656 | 6.175 | 1.053 | 1.995 | 0.283 | 17.089 | 15.611 | 18.145 | 33.004 |
| BLIS1 | Bliss SP (TRPA) | CA | 2.017 | 0.165 | 0.648 | 0.214 | 0.429 | 0.019 | 3.444 | 2.228 | 3.492 | 5.621 |
| BLMO1 | Blue Mounds | MN | 1.876 | 0.269 | 2.330 | 2.413 | 0.665 | 0.082 | 7.673 | 8.619 | 7.635 | 16.171 |
| BOAP1 | Bosque del Apache | NM | 1.251 | 0.175 | 1.081 | 0.296 | 0.921 | 0.061 | 3.401 | 5.159 | 3.786 | 8.650 |
| BOND1 | Bondville | IL | 2.439 | 0.436 | 4.662 | 2.790 | 0.564 | 0.108 | 10.898 | 6.534 | 10.999 | 17.441 |
| BOWA1 | Boundary Waters Canoe Area | MN | 1.495 | 0.140 | 1.461 | 0.610 | 0.268 | 0.042 | 4.130 | 2.008 | 4.017 | 6.152 |
| BRCA1 | Bryce Canyon NP | UT | 1.095 | 0.103 | 0.730 | 0.245 | 0.618 | 0.018 | 2.732 | 2.570 | 2.809 | 5.324 |
| BRID1 | Bridger WA | WY | 1.169 | 0.086 | 0.616 | 0.148 | 0.450 | 0.008 | 2.478 | 1.838 | 2.476 | 4.351 |
| BRIG1 | Brigantine NWR | NJ | 2.442 | 0.398 | 4.559 | 1.047 | 0.429 | 0.439 | 9.099 | 8.111 | 9.313 | 17.133 |
| BRMA1 | Bridgton | ME | 1.851 | 0.251 | 2.149 | 0.306 | 0.228 | 0.059 | 5.048 | 2.302 | 4.843 | 7.380 |
| CABA1 | Casco Bay | ME | 2.374 | 0.361 | 2.358 | 0.459 | 0.220 | 0.193 | 5.995 | 2.862 | 5.964 | 8.942 |
| CABI1 | Cabinet Mountains | MT | 1.644 | 0.129 | 0.545 | 0.152 | 0.453 | 0.022 | 2.995 | 2.457 | 2.945 | 5.461 |
| CACO1 | Cape Cod | MA | 1.896 | 0.227 | 3.083 | 0.543 | 0.251 | 0.756 | 6.510 | 4.881 | 6.756 | 11.426 |
| CACR1 | Caney Creek | AR | 2.748 | 0.299 | 3.967 | 0.810 | 0.853 | 0.063 | 8.484 | 5.619 | 8.740 | 14.128 |
| CADI1 | Cadiz | KY | 3.140 | 0.426 | 5.751 | 1.241 | 0.649 | 0.054 | 11.373 | 5.963 | 11.261 | 17.390 |

| Site Code | Site Name | State | POM | LAC | AS | AN | Soil | Sea salt | FM | CM | RCF M | PM ₁₀ |
|-----------|-------------------------------|-------|-------|-------|-------|-------|-------|----------|--------|--------|--------|------------------|
| CANY1 | Canyonlands NP | UT | 0.842 | 0.086 | 0.785 | 0.226 | 0.696 | 0.021 | 2.811 | 3.664 | 2.655 | 6.490 |
| CAPI1 | Capitol Reef NP | UT | 1.059 | 0.105 | 0.744 | 0.238 | 0.710 | 0.014 | 2.920 | 3.127 | 2.870 | 6.077 |
| CEBL1 | Cedar Bluff | KS | 1.654 | 0.174 | 1.889 | 1.228 | 0.794 | 0.030 | 5.602 | 6.744 | 5.769 | 12.376 |
| CHAS1 | Chassahowitzka NWR | FL | 3.308 | 0.516 | 3.958 | 0.486 | 0.786 | 0.326 | 8.786 | 5.706 | 9.380 | 14.363 |
| CHER1 | Cherokee Nation | OK | 2.496 | 0.289 | 2.997 | 1.420 | 1.427 | 0.046 | 8.615 | 15.697 | 8.675 | 24.349 |
| CHIR1 | Chiricahua NM | AZ | 0.793 | 0.092 | 1.142 | 0.183 | 1.069 | 0.049 | 3.471 | 5.595 | 3.329 | 9.087 |
| CLPE1 | Cloud Peak | WY | 1.147 | 0.083 | 0.637 | 0.143 | 0.390 | 0.007 | 2.549 | 2.399 | 2.407 | 4.931 |
| COGO1 | Columbia Gorge #1 | WA | 2.353 | 0.316 | 0.960 | 0.748 | 0.361 | 0.235 | 4.523 | 5.142 | 4.974 | 9.603 |
| COHU1 | Cohutta | GA | 3.387 | 0.375 | 5.386 | 0.673 | 0.581 | 0.038 | 10.479 | 3.323 | 10.440 | 13.663 |
| CORI1 | Columbia River Gorge | WA | 2.215 | 0.320 | 0.926 | 0.979 | 1.319 | 0.140 | 5.328 | 10.880 | 5.899 | 16.206 |
| CRES1 | Crescent Lake | NE | 1.258 | 0.131 | 1.206 | 0.737 | 0.569 | 0.026 | 4.007 | 6.141 | 3.926 | 10.188 |
| CRLA1 | Crater Lake NP | OR | 1.647 | 0.151 | 0.440 | 0.085 | 0.383 | 0.027 | 2.696 | 1.385 | 2.734 | 3.845 |
| CRMO1 | Craters of the Moon NM | ID | 1.458 | 0.111 | 0.563 | 0.456 | 0.678 | 0.018 | 3.192 | 3.608 | 3.284 | 6.816 |
| DENA1 | Denali NP | AK | 1.198 | 0.067 | 0.505 | 0.064 | 0.133 | 0.058 | 1.397 | 1.144 | 2.026 | 2.862 |
| DEVA1 | Death Valley NP | CA | 1.287 | 0.119 | 1.041 | 0.258 | 1.419 | 0.037 | 4.383 | 6.487 | 4.161 | 10.855 |
| DOME1 | Dome Lands WA | CA | 2.424 | 0.213 | 1.233 | 1.004 | 0.937 | 0.045 | 5.673 | 9.927 | 5.856 | 15.600 |
| DOSO1 | Dolly Sods WA | WV | 2.208 | 0.285 | 5.127 | 0.500 | 0.449 | 0.034 | 8.684 | 2.439 | 8.603 | 11.091 |
| DOUG1 | Douglas | AZ | 2.150 | 0.339 | 1.319 | 0.349 | 4.410 | 0.088 | 8.421 | 21.118 | 8.654 | 29.468 |
| EGBE1 | Egbert | ON | 2.015 | 0.356 | 3.106 | 2.013 | 0.350 | 0.102 | 7.794 | 4.082 | 7.943 | 11.909 |
| ELDO1 | El Dorado Springs | MO | 2.690 | 0.342 | 3.576 | 1.677 | 1.000 | 0.049 | 9.090 | 10.186 | 9.334 | 19.344 |
| ELLI1 | Ellis | OK | 1.762 | 0.213 | 2.192 | 0.989 | 0.813 | 0.033 | 5.961 | 7.299 | 6.001 | 13.268 |
| EVER1 | Everglades NP | FL | 2.072 | 0.230 | 2.926 | 0.478 | 1.084 | 0.597 | 6.745 | 7.006 | 7.386 | 13.689 |
| FLAT1 | Flathead | MT | 1.972 | 0.150 | 0.549 | 0.175 | 0.409 | 0.018 | 3.184 | 2.390 | 3.273 | 5.595 |
| FOPE1 | Fort Peck | MT | 1.431 | 0.119 | 1.186 | 0.655 | 0.631 | 0.037 | 3.927 | 4.419 | 4.057 | 8.383 |
| FRES1 | Fresno | CA | 6.903 | 1.164 | 1.947 | 6.469 | 1.383 | 0.306 | 14.994 | 19.786 | 18.171 | 34.942 |
| FRRE1 | Frostberg Reservoir | MD | 2.277 | 0.382 | 5.588 | 0.701 | 0.459 | 0.027 | 9.456 | 3.339 | 9.435 | 12.782 |
| GAMO1 | Gates of the Mountains | MT | 1.738 | 0.140 | 0.491 | 0.148 | 0.342 | 0.006 | 2.221 | 1.541 | 2.865 | 4.588 |
| GICL1 | Gila WA | NM | 1.506 | 0.143 | 0.940 | 0.116 | 0.708 | 0.025 | 3.251 | 2.768 | 3.439 | 6.094 |
| GLAC1 | Glacier NP | MT | 2.923 | 0.333 | 0.725 | 0.272 | 0.648 | 0.020 | 4.883 | 4.653 | 4.921 | 9.541 |
| GRBA1 | Great Basin NP | NV | 1.084 | 0.097 | 0.640 | 0.155 | 0.772 | 0.026 | 2.731 | 2.724 | 2.775 | 5.483 |
| GRCA2 | Hance Camp at Grand Canyon NP | AZ | 1.167 | 0.126 | 0.858 | 0.214 | 0.686 | 0.022 | 2.941 | 2.801 | 3.074 | 5.737 |
| GRGU1 | Great Gulf WA | NH | 1.476 | 0.165 | 2.048 | 0.170 | 0.189 | 0.043 | 4.276 | 2.399 | 4.091 | 6.668 |
| GRR11 | Great River Bluffs | MN | 2.215 | 0.312 | 2.842 | 2.503 | 0.446 | 0.087 | 7.927 | 6.058 | 8.405 | 13.962 |

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|-----------|--------------------------|-------|-------|-------|-------|-------|-------|----------|--------|-------|--------|------------------|
| GRSA1 | Great Sand Dunes NM | CO | 1.097 | 0.107 | 0.725 | 0.188 | 0.948 | 0.011 | 3.011 | 3.906 | 3.076 | 6.887 |
| GRSM1 | Great Smoky Mountains NP | TN | 3.024 | 0.377 | 5.392 | 0.490 | 0.508 | 0.041 | 10.193 | 4.134 | 9.831 | 14.277 |
| GUMO1 | Guadalupe Mountains NP | TX | 1.170 | 0.113 | 1.642 | 0.325 | 1.291 | 0.029 | 4.572 | 8.277 | 4.570 | 12.873 |
| HACR1 | Haleakala Crater | HI | 0.137 | 0.020 | 0.807 | 0.095 | 0.212 | 0.110 | 1.555 | 1.164 | 1.382 | 2.700 |
| HALE1 | Haleakala NP | HI | 0.470 | 0.062 | 1.351 | 0.218 | 0.213 | 0.389 | 2.694 | 2.571 | 2.702 | 5.287 |
| HAVO1 | Hawaii Volcanoes NP | HI | 0.178 | 0.030 | 3.209 | 0.088 | 0.169 | 0.378 | 4.323 | 1.480 | 4.052 | 5.941 |
| HECA1 | Hells Canyon | OR | 2.416 | 0.196 | 0.605 | 0.397 | 0.576 | 0.020 | 3.915 | 2.957 | 4.210 | 6.858 |
| HEGL1 | Hercules-Glades | MO | 3.105 | 0.350 | 3.970 | 1.134 | 0.751 | 0.052 | 8.908 | 5.030 | 9.362 | 13.889 |
| HOOV1 | Hoover | CA | 1.304 | 0.112 | 0.588 | 0.163 | 0.559 | 0.012 | 2.824 | 1.982 | 2.737 | 4.788 |
| IKBA1 | Ike's Backbone | AZ | 1.510 | 0.146 | 1.041 | 0.328 | 1.105 | 0.055 | 3.874 | 5.304 | 4.184 | 9.177 |
| INGA1 | Indian Gardens | AZ | 1.406 | 0.144 | 0.964 | 0.218 | 1.254 | 0.025 | 4.110 | 6.011 | 4.011 | 10.136 |
| ISLE1 | Isle Royale NP | MI | 1.417 | 0.151 | 1.763 | 0.618 | 0.243 | 0.039 | 4.419 | 3.393 | 4.231 | 7.764 |
| JARB1 | Jarbridge WA | NV | 1.237 | 0.083 | 0.523 | 0.129 | 1.062 | 0.019 | 3.043 | 4.110 | 3.053 | 7.095 |
| JARI1 | James River Face WA | VA | 3.519 | 0.590 | 5.346 | 0.685 | 0.480 | 0.041 | 10.571 | 3.912 | 10.661 | 14.520 |
| JOSH1 | Joshua Tree NP | CA | 1.445 | 0.205 | 1.267 | 1.103 | 0.945 | 0.065 | 4.592 | 6.640 | 5.032 | 11.185 |
| KAIS1 | Kaiser | CA | 1.699 | 0.147 | 0.803 | 0.425 | 0.570 | 0.021 | 3.529 | 3.685 | 3.665 | 7.199 |
| KALM1 | Kalmiopsis | OR | 2.224 | 0.178 | 0.618 | 0.171 | 0.176 | 0.303 | 3.461 | 2.365 | 3.669 | 5.852 |
| LABE1 | Lava Beds NM | CA | 1.694 | 0.131 | 0.524 | 0.142 | 0.374 | 0.027 | 2.868 | 2.025 | 2.894 | 4.882 |
| LASU2 | Lake Sugema | IA | 2.364 | 0.347 | 3.571 | 2.501 | 0.568 | 0.072 | 9.397 | 8.040 | 9.423 | 17.477 |
| LAVO1 | Lassen Volcanic NP | CA | 2.262 | 0.183 | 0.594 | 0.178 | 0.472 | 0.025 | 3.448 | 2.538 | 3.714 | 6.008 |
| LIGO1 | Linville Gorge | NC | 2.890 | 0.379 | 5.003 | 0.323 | 0.443 | 0.043 | 9.663 | 2.632 | 9.080 | 12.263 |
| LIVO1 | Livonia | IN | 2.632 | 0.445 | 6.114 | 1.849 | 0.586 | 0.102 | 11.673 | 5.455 | 11.728 | 17.158 |
| LOST1 | Lostwood | ND | 1.565 | 0.155 | 1.498 | 0.944 | 0.503 | 0.057 | 4.505 | 5.871 | 4.722 | 10.377 |
| LYBR1 | Lye Brook WA | VT | 1.403 | 0.181 | 2.498 | 0.390 | 0.233 | 0.034 | 4.879 | 2.797 | 4.739 | 7.681 |
| MACA1 | Mammoth Cave NP | KY | 3.181 | 0.449 | 5.948 | 1.245 | 0.629 | 0.062 | 11.028 | 4.415 | 11.515 | 15.513 |
| MAVI1 | Martha's Vineyard | MA | 1.663 | 0.220 | 3.267 | 0.665 | 0.286 | 0.842 | 6.951 | 5.614 | 6.942 | 12.406 |
| MEAD1 | Meadview | AZ | 0.957 | 0.113 | 1.029 | 0.245 | 1.164 | 0.031 | 3.661 | 5.329 | 3.538 | 8.991 |
| MELA1 | Medicine Lake | MT | 1.378 | 0.130 | 1.239 | 0.710 | 0.597 | 0.039 | 3.927 | 5.859 | 4.093 | 9.794 |
| MEVE1 | Mesa Verde NP | CO | 1.002 | 0.097 | 0.779 | 0.189 | 0.766 | 0.013 | 2.958 | 2.781 | 2.846 | 5.762 |
| MING1 | Mingo | MO | 3.648 | 0.479 | 4.745 | 1.185 | 1.196 | 0.070 | 11.093 | 9.026 | 11.322 | 20.694 |
| MKGO1 | M.K. Goddard | PA | 3.105 | 0.556 | 4.819 | 1.214 | 0.456 | 0.077 | 9.955 | 3.686 | 10.228 | 13.712 |
| MOHO1 | Mount Hood | OR | 1.021 | 0.091 | 0.487 | 0.184 | 0.227 | 0.075 | 2.133 | 1.314 | 2.084 | 3.397 |
| MOMO1 | Mohawk Mt. | CT | 2.049 | 0.295 | 3.458 | 0.551 | 0.300 | 0.047 | 6.550 | 2.829 | 6.701 | 9.487 |
| MONT1 | Monture | MT | 2.750 | 0.181 | 0.519 | 0.103 | 0.578 | 0.016 | 3.772 | 2.039 | 4.147 | 5.933 |

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|-----------|-------------------------------|-------|-------|-------|-------|-------|-------|----------|--------|--------|--------|------------------|
| MOOS1 | Moosehorn NWR | ME | 1.578 | 0.175 | 1.878 | 0.271 | 0.197 | 0.181 | 4.229 | 2.028 | 4.280 | 6.262 |
| MORA1 | Mount Rainier NP | WA | 1.654 | 0.224 | 0.710 | 0.154 | 0.215 | 0.096 | 3.110 | 2.190 | 3.053 | 5.304 |
| MOZI1 | Mount Zirkel WA | CO | 0.879 | 0.074 | 0.641 | 0.174 | 0.451 | 0.010 | 2.246 | 2.108 | 2.228 | 4.366 |
| NEBR1 | Nebraska NF | NE | 1.424 | 0.155 | 1.525 | 0.823 | 0.589 | 0.031 | 4.516 | 4.967 | 4.547 | 9.492 |
| NEYO1 | New York City | NY | 3.757 | 1.522 | 5.039 | 2.333 | 0.833 | 0.357 | 12.433 | 8.418 | 13.841 | 21.147 |
| NOAB1 | North Absaroka | WY | 1.292 | 0.093 | 0.554 | 0.165 | 0.370 | 0.006 | 2.309 | 2.747 | 2.479 | 5.538 |
| NOCA1 | North Cascades | WA | 0.910 | 0.086 | 0.624 | 0.106 | 0.161 | 0.041 | 2.075 | 1.124 | 1.927 | 3.201 |
| NOCH1 | Northern Cheyenne | MT | 1.572 | 0.134 | 0.839 | 0.226 | 0.517 | 0.026 | 3.360 | 3.562 | 3.313 | 6.918 |
| OKEF1 | Okefenokee NWR | GA | 4.121 | 0.406 | 4.111 | 0.397 | 0.714 | 0.209 | 8.818 | 4.654 | 9.959 | 13.521 |
| OLYM1 | Olympic | WA | 1.263 | 0.128 | 0.807 | 0.314 | 0.143 | 0.161 | 2.728 | 1.487 | 2.816 | 4.218 |
| OMAH1 | Omaha | NE | 1.977 | 0.259 | 2.568 | 2.290 | 0.694 | 0.058 | 7.784 | 8.393 | 7.845 | 16.204 |
| ORPI1 | Organ Pipe | AZ | 0.845 | 0.111 | 1.455 | 0.371 | 1.578 | 0.197 | 4.612 | 7.620 | 4.557 | 12.213 |
| PASA1 | Pasayten | WA | 2.011 | 0.149 | 0.469 | 0.153 | 0.278 | 0.021 | 2.562 | 1.492 | 3.080 | 4.124 |
| PEFO1 | Petrified Forest NP | AZ | 1.171 | 0.236 | 0.957 | 0.227 | 1.111 | 0.028 | 3.719 | 4.299 | 3.730 | 7.960 |
| PENO1 | Penobscot | ME | 2.433 | 0.352 | 1.992 | 0.343 | 0.318 | 0.119 | 5.483 | 3.459 | 5.557 | 8.932 |
| PETE1 | Petersburg | AK | 0.488 | 0.051 | 0.363 | 0.038 | 0.108 | 0.135 | 1.285 | 1.156 | 1.185 | 2.472 |
| PHOE1 | Phoenix | AZ | 4.511 | 1.075 | 1.491 | 1.241 | 3.215 | 0.225 | 10.273 | 20.378 | 11.758 | 30.628 |
| PHOE5 | Phoenix Colocated Sampler | AZ | 4.404 | 1.039 | 1.469 | 1.177 | 3.047 | 0.210 | 10.024 | 20.511 | 11.346 | 30.659 |
| PINN1 | Pinnacles NM | CA | 1.817 | 0.217 | 1.216 | 0.839 | 0.394 | 0.320 | 4.665 | 5.824 | 4.803 | 10.478 |
| PMRF1 | Proctor Maple R. F. | VT | 1.802 | 0.226 | 2.632 | 0.424 | 0.234 | 0.055 | 5.452 | 2.042 | 5.373 | 7.450 |
| PORE1 | Point Reyes National Seashore | CA | 0.941 | 0.093 | 1.470 | 0.832 | 0.183 | 2.288 | 5.648 | 8.132 | 5.805 | 13.749 |
| PRIS1 | Presque Isle | ME | 1.974 | 0.295 | 1.660 | 0.276 | 0.447 | 0.106 | 4.684 | 6.014 | 4.758 | 10.675 |
| PUSO1 | Puget Sound | WA | 3.587 | 0.851 | 1.413 | 1.045 | 0.493 | 0.377 | 6.869 | 6.452 | 7.765 | 13.284 |
| QUCI1 | Quaker City | OH | 2.531 | 0.454 | 5.981 | 0.954 | 0.546 | 0.042 | 10.535 | 5.220 | 10.506 | 15.840 |
| QURE1 | Quabbin Summit | MA | 2.286 | 0.339 | 3.169 | 0.569 | 0.305 | 0.077 | 6.555 | 2.430 | 6.744 | 8.989 |
| QUVA1 | Queen Valley | AZ | 1.220 | 0.191 | 1.369 | 0.474 | 1.674 | 0.079 | 4.979 | 10.478 | 5.007 | 15.500 |
| RAFA1 | San Rafael | CA | 1.937 | 0.202 | 1.426 | 0.841 | 0.647 | 0.221 | 4.935 | 6.850 | 5.274 | 11.786 |
| REDW1 | Redwood NP | CA | 1.152 | 0.072 | 0.788 | 0.270 | 0.127 | 1.117 | 3.519 | 3.428 | 3.526 | 6.928 |
| ROMA1 | Cape Romain NWR | SC | 2.962 | 0.353 | 4.887 | 0.501 | 0.605 | 0.487 | 9.718 | 5.654 | 9.795 | 15.319 |
| ROMO1 | Rocky Mountain NP | CO | 1.151 | 0.109 | 0.724 | 0.323 | 0.691 | 0.011 | 2.869 | 3.275 | 3.008 | 6.173 |
| SACR1 | Salt Creek | NM | 1.387 | 0.166 | 1.858 | 0.712 | 1.169 | 0.075 | 5.238 | 10.098 | 5.366 | 15.355 |
| SAFO1 | Sac and Fox | KS | 2.292 | 0.335 | 3.053 | 2.049 | 0.798 | 0.056 | 8.360 | 7.835 | 8.583 | 16.200 |
| SAGA1 | San Gabriel | CA | 1.440 | 0.201 | 1.197 | 1.075 | 0.607 | 0.057 | 3.997 | 4.878 | 4.576 | 8.889 |

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|-----------|--------------------|-------|-------|-------|-------|-------|-------|----------|--------|--------|--------|------------------|
| SAGO1 | San Gorgonio WA | CA | 1.883 | 0.286 | 1.233 | 1.888 | 0.683 | 0.067 | 5.149 | 6.251 | 6.040 | 11.412 |
| SAGU1 | Saguaro NM | AZ | 1.238 | 0.194 | 1.276 | 0.400 | 1.943 | 0.088 | 5.074 | 7.681 | 5.139 | 12.730 |
| SAMA1 | St. Marks | FL | 3.598 | 0.370 | 4.255 | 0.424 | 0.748 | 0.351 | 9.168 | 4.534 | 9.747 | 13.855 |
| SAPE1 | San Pedro Parks | NM | 0.907 | 0.079 | 0.770 | 0.172 | 0.649 | 0.012 | 2.557 | 2.168 | 2.588 | 4.732 |
| SAWE1 | Saguaro West | AZ | 1.342 | 0.218 | 1.352 | 0.481 | 2.551 | 0.122 | 5.866 | 10.786 | 6.065 | 16.611 |
| SAWT1 | Sawtooth NF | ID | 3.231 | 0.206 | 0.487 | 0.092 | 0.491 | 0.010 | 4.033 | 1.759 | 4.517 | 5.900 |
| SENE1 | Seney | MI | 1.991 | 0.229 | 2.360 | 0.764 | 0.255 | 0.044 | 5.240 | 2.124 | 5.642 | 7.357 |
| SEQU1 | Sequoia NP | CA | 3.752 | 0.360 | 1.667 | 2.111 | 0.808 | 0.054 | 8.234 | 8.202 | 8.753 | 16.420 |
| SHEN1 | Shenandoah NP | VA | 2.107 | 0.298 | 4.977 | 0.760 | 0.419 | 0.049 | 8.943 | 2.956 | 8.610 | 11.857 |
| SHMI1 | Shamrock Mine | CO | 1.112 | 0.110 | 0.725 | 0.193 | 1.071 | 0.004 | 3.230 | 4.678 | 3.215 | 7.851 |
| SHRO1 | Shining Rock WA | NC | 2.264 | 0.210 | 4.153 | 0.315 | 0.454 | 0.029 | 7.437 | 2.043 | 7.424 | 9.512 |
| SIAN1 | Sierra Ancha | AZ | 1.805 | 0.196 | 1.057 | 0.270 | 1.036 | 0.053 | 3.995 | 4.654 | 4.416 | 8.646 |
| SIKE1 | Sikes | LA | 3.516 | 0.386 | 4.152 | 0.417 | 0.806 | 0.078 | 9.381 | 4.837 | 9.355 | 14.237 |
| SIME1 | Simeonof | AK | 0.252 | 0.077 | 0.858 | 0.096 | 0.117 | 1.197 | 2.675 | 4.738 | 2.596 | 7.408 |
| SIPS1 | Sipsy WA | AL | 3.734 | 0.462 | 5.461 | 0.769 | 0.729 | 0.054 | 11.087 | 4.519 | 11.209 | 15.700 |
| SNPA1 | Snoqualmie Pass | WA | 1.337 | 0.191 | 0.618 | 0.303 | 0.173 | 0.093 | 2.508 | 1.180 | 2.716 | 3.785 |
| STAR1 | Starkey | OR | 1.766 | 0.142 | 0.559 | 0.305 | 0.500 | 0.039 | 3.237 | 3.152 | 3.311 | 6.386 |
| SULA1 | Sula Peak | MT | 3.067 | 0.232 | 0.475 | 0.129 | 0.374 | 0.010 | 4.135 | 2.962 | 4.287 | 7.097 |
| SWAN1 | Swanquarter | NC | 2.401 | 0.245 | 4.534 | 0.515 | 0.451 | 0.430 | 8.377 | 5.293 | 8.576 | 13.663 |
| SYCA1 | Sycamore Canyon | AZ | 1.541 | 0.241 | 0.884 | 0.260 | 2.344 | 0.033 | 4.984 | 7.588 | 5.303 | 12.559 |
| TALL1 | Tallgrass | KS | 2.991 | 0.359 | 2.975 | 1.564 | 0.794 | 0.040 | 7.875 | 6.309 | 8.723 | 14.250 |
| THBA1 | Thunder Basin | WY | 1.484 | 0.179 | 0.960 | 0.321 | 0.942 | 0.034 | 3.889 | 5.747 | 3.919 | 9.551 |
| THRO1 | Theodore Roosevelt | ND | 1.450 | 0.176 | 1.228 | 0.634 | 0.649 | 0.040 | 4.160 | 5.775 | 4.177 | 9.993 |
| THSI1 | Three Sisters WA | OR | 1.545 | 0.133 | 0.513 | 0.101 | 0.315 | 0.051 | 2.700 | 2.726 | 2.659 | 5.411 |
| TONT1 | Tonto NM | AZ | 1.296 | 0.160 | 1.249 | 0.335 | 1.315 | 0.065 | 4.412 | 6.628 | 4.420 | 11.001 |
| TRCR1 | Trapper Creek | AK | 0.716 | 0.059 | 0.499 | 0.064 | 0.140 | 0.068 | 1.657 | 1.667 | 1.546 | 3.322 |
| TRIN1 | Trinity | CA | 4.556 | 0.267 | 0.587 | 0.207 | 0.389 | 0.065 | 5.365 | 2.533 | 6.070 | 6.443 |
| TUXE1 | Tuxedni | AK | 0.623 | 0.046 | 0.602 | 0.082 | 0.159 | 0.348 | 1.818 | 2.035 | 1.860 | 4.006 |
| ULBE1 | UL Bend | MT | 1.433 | 0.110 | 0.801 | 0.279 | 0.488 | 0.028 | 3.264 | 3.970 | 3.138 | 7.216 |
| UPBU1 | Upper Buffalo WA | AR | 2.843 | 0.306 | 3.846 | 1.027 | 0.802 | 0.059 | 8.760 | 6.202 | 8.883 | 14.978 |
| VISI1 | Virgin Islands NP | VI | 0.222 | 0.061 | 1.515 | 0.318 | 2.404 | 1.470 | 6.256 | 12.060 | 5.990 | 18.498 |
| VILA1 | Viking Lake | IA | 2.107 | 0.340 | 3.132 | 2.509 | 0.685 | 0.081 | 8.986 | 9.414 | 8.854 | 18.269 |
| VOYA2 | Voyageurs NP #2 | MN | 1.627 | 0.149 | 1.482 | 0.584 | 0.254 | 0.061 | 4.101 | 2.266 | 4.157 | 6.347 |
| WASH1 | Washington D.C. | DC | 3.903 | 1.145 | 5.747 | 1.675 | 0.762 | 0.190 | 12.819 | 6.499 | 13.422 | 19.422 |

| Site Code | Site Name | State | POM | LAC | AS | AN | Soil | Sea salt | FM | CM | RCFM | PM ₁₀ |
|-----------|-------------------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|------------------|
| WEMI1 | Weminuche WA | CO | 1.051 | 0.128 | 0.650 | 0.120 | 0.520 | 0.015 | 2.399 | 2.457 | 2.484 | 4.912 |
| WHIT1 | White Mountain | NM | 1.014 | 0.099 | 1.267 | 0.220 | 0.865 | 0.034 | 3.547 | 5.087 | 3.499 | 8.635 |
| WHPA1 | White Pass | WA | 0.823 | 0.070 | 0.444 | 0.109 | 0.189 | 0.033 | 1.708 | 1.305 | 1.668 | 3.014 |
| WHPE1 | Wheeler Peak | NM | 0.797 | 0.084 | 0.689 | 0.162 | 0.537 | 0.011 | 2.323 | 1.910 | 2.281 | 4.246 |
| WHRI1 | White River NF | CO | 0.711 | 0.083 | 0.573 | 0.144 | 0.522 | 0.007 | 2.166 | 1.742 | 2.040 | 3.892 |
| WICA1 | Wind Cave | SD | 1.508 | 0.141 | 1.038 | 0.369 | 0.602 | 0.018 | 3.579 | 3.498 | 3.676 | 7.079 |
| WIMO1 | Wichita Mountains | OK | 2.119 | 0.257 | 2.951 | 1.054 | 0.866 | 0.054 | 7.139 | 7.344 | 7.302 | 14.515 |
| YELL2 | Yellowstone NP 2 | WY | 1.508 | 0.103 | 0.561 | 0.212 | 0.388 | 0.013 | 2.600 | 1.732 | 2.785 | 4.330 |
| YOSE1 | Yosemite NP | CA | 2.319 | 0.198 | 0.902 | 0.383 | 0.516 | 0.022 | 4.393 | 3.526 | 4.340 | 7.924 |
| ZICA1 | Zion Canyon | UT | 1.324 | 0.146 | 0.877 | 0.234 | 0.914 | 0.023 | 3.478 | 5.067 | 3.517 | 8.622 |

CSN

| Site Code | City | State | POM | LAC | AS | AN | Soil | Sea salt | FM | RCFM |
|-----------|----------------------|-------|-------|-------|-------|-------|-------|----------|--------|--------|
| 10730023 | Birmingham | AL | 6.842 | 1.542 | 6.224 | 1.143 | 1.349 | 0.067 | 18.855 | 17.166 |
| 10732003 | Birmingham | AL | 5.269 | 0.927 | 5.898 | 1.026 | 2.012 | 0.038 | 18.088 | 15.169 |
| 10890014 | Hunsville | AL | 4.338 | 0.650 | 5.984 | 1.329 | 0.517 | 0.018 | 15.126 | 12.836 |
| 11011002 | Montgomery | AL | 5.501 | 0.714 | 5.275 | 0.679 | 0.749 | 0.021 | 15.509 | 12.940 |
| 11130001 | Phenix City/Columbus | AL | 7.154 | 0.862 | 5.569 | 0.759 | 0.565 | 0.028 | 17.058 | 14.937 |
| 20900010 | Fairbanks | AK | 6.759 | 1.254 | 2.762 | 0.690 | 0.526 | 0.058 | 12.305 | 12.048 |
| 40139997 | Phoenix | AZ | 5.735 | 1.257 | 1.543 | 1.296 | 1.673 | 0.069 | 10.797 | 11.573 |
| 40191028 | Tucson | AZ | 2.892 | 0.747 | 1.494 | 0.662 | 1.547 | 0.044 | 8.405 | 7.385 |
| 51190007 | Little Rock | AR | 4.891 | 0.893 | 4.471 | 1.105 | 1.028 | 0.020 | 15.783 | 12.408 |
| 60190008 | Fresno | CA | 7.438 | 1.160 | 2.011 | 6.873 | 0.873 | 0.094 | 19.162 | 18.449 |
| 60290014 | Bakersfield | CA | 6.461 | 1.175 | 2.320 | 8.169 | 1.520 | 0.070 | 20.480 | 19.715 |
| 60371103 | Los Angeles | CA | 5.993 | 1.821 | 4.656 | 7.320 | 1.124 | 0.125 | 19.674 | 21.039 |

| Site Code | City | State | POM | LAC | AS | AN | Soil | Sea salt | FM | RCFM |
|------------------|------------------|--------------|------------|------------|-----------|-----------|-------------|-----------------|-----------|-------------|
| 60658001 | Rubidoux | CA | 5.711 | 1.577 | 3.480 | 9.157 | 1.247 | 0.108 | 20.777 | 21.280 |
| 60670006 | Sacramento | CA | 6.708 | 1.079 | 1.518 | 2.847 | 0.510 | 0.102 | 13.751 | 12.763 |
| 60730003 | El Cajon | CA | 4.726 | 1.004 | 3.210 | 3.609 | 0.582 | 0.164 | 13.600 | 13.295 |
| 60850005 | San Jose | CA | 5.365 | 1.124 | 1.797 | 3.020 | 0.442 | 0.312 | 12.447 | 12.059 |
| 61112002 | Simi Valley | CA | 4.201 | 0.903 | 3.326 | 3.656 | 0.572 | 0.076 | 12.680 | 12.732 |
| 80010006 | Commerce City | CO | 3.382 | 1.358 | 1.445 | 2.006 | 1.609 | 0.068 | 11.394 | 9.868 |
| 80410011 | Colorado Springs | CO | 2.813 | 1.043 | 1.451 | 1.166 | 0.896 | 0.007 | 7.894 | 7.376 |
| 80770017 | Grand Junction | CO | 4.167 | 1.084 | 1.039 | 1.129 | 1.254 | 0.019 | 9.592 | 8.691 |
| 81230008 | Platteville | CO | 2.675 | 0.813 | 1.308 | 2.451 | 1.348 | 0.012 | 9.257 | 8.606 |
| 90090027 | New Haven | CT | 3.658 | 1.169 | 4.704 | 1.777 | 0.408 | 0.039 | 13.181 | 11.755 |
| 100010003 | Dover | DE | 2.848 | 0.561 | 5.491 | 2.188 | 0.322 | 0.037 | 13.778 | 11.448 |
| 100032004 | Wilmington | DE | 3.787 | 0.989 | 5.956 | 2.845 | 0.829 | 0.092 | 16.380 | 14.497 |
| 110010043 | Washington D.C. | DC | 4.179 | 0.870 | 6.219 | 2.069 | 0.521 | 0.050 | 14.313 | 13.907 |
| 120111002 | Davie | FL | 1.751 | 0.602 | 3.236 | 0.726 | 1.059 | 0.489 | 9.807 | 7.863 |
| 120573002 | Valrico | FL | 3.344 | 0.665 | 4.191 | 0.820 | 0.716 | 0.128 | 12.061 | 9.864 |
| 120730012 | Tallahassee | FL | 5.085 | 0.928 | 4.251 | 0.518 | 0.716 | 0.054 | 14.281 | 11.552 |
| 121030026 | Pinellas Park | FL | 2.495 | 0.593 | 4.192 | 0.755 | 0.692 | 0.182 | 12.029 | 8.909 |
| 130210007 | Macon | GA | 7.104 | 0.961 | 5.417 | 0.751 | 1.288 | 0.038 | 17.692 | 15.559 |
| 130590001 | Athens | GA | 5.577 | 0.690 | 5.676 | 1.302 | 0.533 | 0.017 | 15.823 | 13.795 |
| 130690002 | Douglas | GA | 4.381 | 0.528 | 4.250 | 0.447 | 0.660 | 0.043 | 12.638 | 10.308 |
| 130890002 | Panthersville | GA | 5.464 | 1.508 | 5.771 | 0.950 | 0.570 | 0.017 | 16.309 | 14.280 |
| 131150005 | Rome | GA | 6.086 | 0.729 | 6.291 | 1.006 | 0.661 | 0.020 | 17.353 | 14.793 |

| Site Code | City | State | POM | LAC | AS | AN | Soil | Sea salt | FM | RCFM |
|------------------|--------------|--------------|------------|------------|-----------|-----------|-------------|-----------------|-----------|-------------|
| 132150011 | Columbus | GA | 6.728 | 0.792 | 5.408 | 0.652 | 0.566 | 0.021 | 16.031 | 14.167 |
| 132450091 | Augusta | GA | 6.197 | 0.815 | 5.443 | 0.945 | 0.665 | 0.027 | 15.824 | 14.091 |
| 150032004 | Pearl City | HI | 0.344 | 0.324 | 1.486 | 0.258 | 0.233 | 0.972 | 5.625 | 3.617 |
| 170310057 | Chicago | IL | 4.229 | 0.893 | 4.262 | 3.574 | 0.599 | 0.069 | 15.019 | 13.624 |
| 170310076 | Chicago | IL | 3.659 | 0.855 | 4.288 | 3.342 | 0.505 | 0.061 | 13.459 | 12.710 |
| 170314201 | Northbrook | IL | 2.954 | 0.709 | 4.283 | 3.266 | 0.446 | 0.024 | 13.447 | 11.681 |
| 170434002 | Naperville | IL | 3.426 | 0.701 | 4.385 | 3.495 | 0.431 | 0.029 | 13.435 | 12.467 |
| 171150013 | Decatur | IL | 2.974 | 0.660 | 5.284 | 3.387 | 0.594 | 0.023 | 15.096 | 12.921 |
| 171192009 | Alton | IL | 3.527 | 0.670 | 5.595 | 2.933 | 0.585 | 0.021 | 15.301 | 13.331 |
| 180372001 | Jasper | IN | 3.175 | 0.632 | 6.803 | 2.777 | 0.428 | 0.048 | 16.255 | 13.863 |
| 180390003 | Elkhart | IN | 3.668 | 0.773 | 5.057 | 3.947 | 0.452 | 0.044 | 15.611 | 13.941 |
| 180650003 | Middleton | IN | 2.267 | 0.488 | 5.708 | 3.038 | 0.339 | 0.013 | 13.937 | 11.853 |
| 180890022 | Gary | IN | 3.620 | 1.610 | 5.266 | 3.395 | 1.032 | 0.149 | 16.707 | 15.072 |
| 180892004 | Hammond | IN | 3.339 | 0.892 | 4.990 | 3.518 | 0.632 | 0.051 | 15.074 | 13.422 |
| 180970078 | Indianapolis | IN | 3.629 | 0.790 | 6.040 | 3.129 | 0.482 | 0.024 | 15.586 | 14.094 |
| 181630012 | Evansville | IN | 3.499 | 0.663 | 6.454 | 2.142 | 0.479 | 0.023 | 15.986 | 13.260 |
| 191130037 | Cedar Rapids | IA | 2.312 | 0.412 | 3.503 | 3.251 | 0.447 | 0.052 | 11.664 | 9.977 |
| 191530030 | Des Moines | IA | 2.452 | 0.491 | 3.308 | 2.908 | 0.524 | 0.045 | 11.443 | 9.728 |
| 191630015 | Davenport | IA | 2.837 | 0.517 | 3.937 | 3.169 | 0.494 | 0.086 | 12.521 | 11.039 |
| 201730010 | Wichita | KS | 2.588 | 0.465 | 3.240 | 1.853 | 0.660 | 0.051 | 10.051 | 8.857 |
| 202090021 | Kansas City | KS | 4.829 | 0.796 | 3.600 | 2.368 | 0.700 | 0.034 | 13.603 | 12.327 |
| 210190017 | Ashland | KY | 4.275 | 0.875 | 6.935 | 1.279 | 0.485 | 0.019 | 15.970 | 13.868 |
| 210670012 | Lexington | KY | 3.080 | 0.706 | 6.638 | 2.106 | 0.469 | 0.024 | 16.223 | 13.023 |
| 211110043 | Louisville | KY | 4.348 | 0.946 | 6.836 | 2.074 | 0.702 | 0.029 | 16.609 | 14.934 |
| 211170007 | Covington | KY | 3.443 | 0.966 | 6.746 | 2.185 | 0.479 | 0.019 | 15.949 | 13.838 |
| 211930003 | Hazard | KY | 3.832 | 1.372 | 6.039 | 0.724 | 0.507 | 0.019 | 15.992 | 12.493 |
| 220150008 | Shreveport | LA | 4.619 | 0.501 | 4.193 | 0.596 | 0.433 | 0.020 | 10.767 | 10.363 |

| Site Code | City | State | POM | LAC | AS | AN | Soil | Sea salt | FM | RCFM |
|------------------|---------------|--------------|------------|------------|-----------|-----------|-------------|-----------------|-----------|-------------|
| 220330009 | Baton Rouge | LA | 4.292 | 0.853 | 4.891 | 0.758 | 0.635 | 0.038 | 11.853 | 11.467 |
| 240053001 | Essex | MD | 4.360 | 0.970 | 6.099 | 2.272 | 0.477 | 0.048 | 16.009 | 14.228 |
| 240330030 | Beltsville | MD | 3.489 | 0.814 | 6.044 | 1.486 | 0.432 | 0.035 | 13.233 | 12.302 |
| 250130008 | Westover AFB | MA | 3.031 | 0.598 | 3.609 | 1.102 | 0.235 | 0.020 | 9.863 | 8.595 |
| 250250042 | Boston | MA | 3.718 | 0.831 | 3.861 | 1.397 | 0.310 | 0.071 | 11.515 | 10.187 |
| 260770008 | Kalamazoo | MI | 3.543 | 0.799 | 4.754 | 3.012 | 0.565 | 0.032 | 14.067 | 12.706 |
| 260810020 | Grand Rapids | MI | 3.614 | 0.793 | 4.336 | 3.334 | 0.415 | 0.040 | 14.761 | 12.532 |
| 261130001 | Houghton Lake | MI | 1.613 | 0.276 | 3.033 | 1.354 | 0.169 | 0.008 | 8.557 | 6.454 |
| 261150005 | Erie | MI | 2.783 | 0.748 | 5.077 | 2.997 | 0.433 | 0.029 | 14.326 | 12.066 |
| 261610008 | Ypsilanti | MI | 3.181 | 0.606 | 4.790 | 3.085 | 0.314 | 0.036 | 13.801 | 12.011 |
| 261630001 | Allen Park | MI | 3.489 | 0.994 | 4.866 | 3.339 | 0.585 | 0.050 | 14.571 | 13.323 |
| 261630033 | Detroit | MI | 4.689 | 1.135 | 5.891 | 3.520 | 1.717 | 0.159 | 17.907 | 17.111 |
| 270530963 | Minneapolis | MN | 3.097 | 0.557 | 2.748 | 2.692 | 0.448 | 0.054 | 11.089 | 9.595 |
| 271095008 | Rochester | MN | 2.230 | 0.462 | 2.944 | 3.013 | 0.375 | 0.052 | 11.175 | 9.076 |
| 280470008 | Gulfport | MS | 3.483 | 0.597 | 4.686 | 0.752 | 0.646 | 0.095 | 12.446 | 10.260 |
| 290470005 | Liberty | MO | 2.115 | 0.410 | 3.744 | 2.265 | 0.499 | 0.018 | 10.703 | 9.051 |
| 290990012 | Arnold | MO | 3.970 | 0.632 | 5.022 | 2.212 | 0.667 | 0.024 | 14.599 | 12.527 |
| 291860005 | Bonne Terre | MO | 2.736 | 0.354 | 4.899 | 1.594 | 0.449 | 0.013 | 11.591 | 10.043 |
| 295100085 | St. Louis | MO | 4.075 | 1.063 | 5.274 | 2.740 | 0.799 | 0.048 | 15.819 | 13.998 |
| 300530018 | Libby | MT | 11.675 | 1.066 | 0.814 | 0.642 | 0.429 | 0.024 | 14.495 | 14.650 |
| 300630031 | Missoula | MT | 6.299 | 0.815 | 1.032 | 1.198 | 0.539 | 0.046 | 10.303 | 9.928 |
| 310550019 | Omaha | NE | 2.474 | 0.572 | 3.026 | 2.457 | 0.706 | 0.023 | 11.146 | 9.259 |
| 320030020 | Las Vegas | NV | 3.186 | 1.275 | 1.389 | 0.599 | 1.814 | 0.062 | 9.032 | 8.326 |
| 320030561 | Las Vegas | NV | 6.337 | 1.810 | 1.381 | 0.994 | 1.985 | 0.050 | 12.013 | 12.557 |
| 320310016 | Reno | NV | 5.653 | 1.163 | 0.837 | 1.285 | 0.838 | 0.021 | 9.433 | 9.798 |

| Site Code | City | State | POM | LAC | AS | AN | Soil | Sea salt | FM | RCFM |
|------------------|---------------|--------------|------------|------------|-----------|-----------|-------------|-----------------|-----------|-------------|
| 330150014 | Portsmouth | NH | 2.783 | 0.581 | 3.195 | 0.732 | 0.255 | 0.099 | 8.605 | 7.644 |
| 340070003 | Camden | NJ | 3.713 | 0.885 | 5.076 | 2.316 | 0.790 | 0.063 | 14.711 | 12.842 |
| 340230006 | New Brunswick | NJ | 3.058 | 0.850 | 4.782 | 1.808 | 0.508 | 0.042 | 12.945 | 11.047 |
| 340273001 | Chester | NJ | 2.134 | 0.459 | 4.455 | 1.315 | 0.240 | 0.015 | 10.435 | 8.617 |
| 340390004 | Elizabeth | NJ | 4.586 | 2.218 | 5.178 | 2.471 | 0.658 | 0.070 | 16.340 | 15.181 |
| 350010023 | Albuquerque | NM | 2.693 | 0.677 | 1.119 | 0.688 | 0.751 | 0.014 | 5.974 | 5.942 |
| 360050110 | Bronx | NY | 3.724 | 1.585 | 5.387 | 2.631 | 0.612 | 0.081 | 15.044 | 14.020 |
| 360290005 | Buffalo | NY | 3.426 | 0.912 | 4.838 | 2.397 | 0.466 | 0.062 | 13.434 | 12.100 |
| 360310003 | Wilmington | NY | 1.177 | 0.195 | 2.596 | 0.471 | 0.120 | 0.008 | 5.851 | 4.566 |
| 360551007 | Rochester | NY | 2.722 | 0.609 | 4.302 | 2.069 | 0.298 | 0.039 | 10.711 | 10.039 |
| 360610134 | New York City | NY | 5.136 | 1.432 | 4.947 | 2.221 | 0.594 | 0.066 | 14.963 | 14.396 |
| 360810124 | Queens | NY | 3.294 | 1.095 | 5.070 | 2.356 | 0.539 | 0.102 | 13.370 | 12.455 |
| 361010003 | Addison | NY | 1.859 | 0.342 | 4.397 | 1.041 | 0.281 | 0.016 | 9.521 | 7.936 |
| 370210034 | Asheville | NC | 4.283 | 0.731 | 5.345 | 0.897 | 0.419 | 0.015 | 14.236 | 11.689 |
| 370350004 | Hickory | NC | 6.002 | 1.068 | 6.067 | 1.352 | 0.398 | 0.020 | 17.200 | 14.907 |
| 370570002 | Lexington | NC | 5.586 | 0.932 | 6.336 | 1.298 | 0.459 | 0.025 | 17.378 | 14.636 |
| 370670022 | Winston-Salem | NC | 4.688 | 0.778 | 6.287 | 1.268 | 0.370 | 0.020 | 16.105 | 13.409 |
| 371070004 | Kinston | NC | 3.297 | 0.506 | 5.141 | 1.225 | 0.344 | 0.045 | 13.010 | 10.558 |
| 371190041 | Charlotte | NC | 5.070 | 0.848 | 6.003 | 1.220 | 0.483 | 0.021 | 15.890 | 13.645 |
| 371590021 | Rockwell | NC | 5.011 | 0.691 | 5.993 | 1.128 | 0.401 | 0.019 | 16.047 | 13.242 |
| 371830014 | Raleigh | NC | 4.664 | 0.723 | 4.946 | 1.082 | 0.451 | 0.022 | 13.516 | 11.888 |
| 380150003 | Bismarck | ND | 2.139 | 0.309 | 1.606 | 1.415 | 0.380 | 0.004 | 6.748 | 5.852 |
| 380171004 | Fargo | ND | 1.495 | 0.425 | 1.820 | 1.920 | 0.893 | 0.031 | 9.217 | 6.584 |
| 380530002 | Watford City | ND | 0.993 | 0.134 | 1.266 | 0.809 | 0.282 | 0.001 | 5.426 | 3.486 |
| 390171004 | Middletown | OH | 3.192 | 0.798 | 6.279 | 2.459 | 0.614 | 0.023 | 15.156 | 13.365 |

| Site Code | City | State | POM | LAC | AS | AN | Soil | Sea salt | FM | RCFM |
|------------------|---------------|--------------|------------|------------|-----------|-----------|-------------|-----------------|-----------|-------------|
| 390350038 | Cleveland | OH | 3.772 | 1.006 | 6.148 | 3.175 | 1.428 | 0.109 | 16.683 | 15.638 |
| 390350060 | Cleveland | OH | 3.451 | 1.262 | 5.984 | 3.123 | 1.166 | 0.145 | 17.039 | 15.129 |
| 390490081 | Columbus | OH | 3.647 | 0.710 | 6.023 | 2.815 | 0.346 | 0.018 | 14.781 | 13.559 |
| 390610040 | Cincinnati | OH | 3.603 | 0.831 | 6.364 | 2.377 | 0.486 | 0.030 | 15.603 | 13.691 |
| 390870010 | Ironton | OH | 4.029 | 1.194 | 7.276 | 1.280 | 0.768 | 0.030 | 19.376 | 14.578 |
| 390933002 | Sheffield | OH | 2.935 | 0.621 | 4.961 | 2.318 | 0.960 | 0.043 | 14.143 | 11.837 |
| 390950026 | Toledo | OH | 3.191 | 0.865 | 5.247 | 3.189 | 0.472 | 0.030 | 14.649 | 12.994 |
| 390990014 | Youngstown | OH | 3.617 | 1.038 | 5.809 | 2.170 | 1.418 | 0.044 | 16.147 | 14.095 |
| 391130031 | Dayton | OH | 3.594 | 0.755 | 6.765 | 2.555 | 0.414 | 0.009 | 16.422 | 14.093 |
| 391130032 | Dayton | OH | 3.784 | 0.920 | 5.928 | 3.000 | 0.498 | 0.054 | 16.200 | 14.184 |
| 391510017 | Canton | OH | 3.621 | 0.962 | 6.147 | 2.611 | 0.994 | 0.118 | 17.591 | 14.452 |
| 391530023 | Akron | OH | 3.557 | 0.682 | 5.944 | 2.549 | 0.489 | 0.039 | 15.172 | 13.261 |
| 401091037 | Edmond | OK | 3.380 | 0.575 | 3.722 | 1.831 | 0.714 | 0.011 | 12.004 | 10.233 |
| 401431127 | Tulsa | OK | 3.866 | 0.619 | 3.992 | 1.625 | 0.854 | 0.018 | 12.587 | 10.974 |
| 410290133 | Medford | OR | 8.079 | 0.602 | 0.798 | 1.105 | 0.683 | 0.042 | 10.656 | 11.309 |
| 410390060 | Eugene | OR | 4.705 | 0.542 | 0.995 | 0.828 | 0.383 | 0.122 | 7.733 | 7.574 |
| 410510080 | Portland | OR | 5.338 | 0.922 | 1.364 | 1.135 | 0.310 | 0.095 | 9.779 | 9.164 |
| 410510246 | Portland | OR | 4.007 | 1.031 | 1.661 | 1.306 | 0.409 | 0.090 | 9.891 | 8.503 |
| 410610119 | La Grande | OR | 7.141 | 0.587 | 0.749 | 1.034 | 0.657 | 0.033 | 9.112 | 10.201 |
| 420010001 | Arendtsville | PA | 2.598 | 0.491 | 6.039 | 2.220 | 0.257 | 0.030 | 13.608 | 11.636 |
| 420030008 | Pittsburgh | PA | 3.761 | 1.071 | 6.769 | 1.995 | 0.725 | 0.039 | 15.985 | 14.360 |
| 420030064 | Liberty | PA | 5.725 | 2.581 | 8.012 | 1.946 | 0.812 | 0.561 | 21.478 | 19.638 |
| 420270100 | State College | PA | 2.842 | 0.568 | 5.827 | 1.735 | 0.284 | 0.013 | 13.658 | 11.269 |
| 420290100 | Toughkenamon | PA | 3.313 | 0.722 | 5.915 | 3.745 | 0.390 | 0.067 | 16.299 | 14.152 |
| 420430401 | Harrisburg | PA | 3.375 | 1.101 | 6.105 | 3.139 | 0.451 | 0.071 | 15.770 | 14.241 |
| 420450002 | Chester | PA | 3.730 | 1.005 | 6.100 | 2.434 | 0.659 | 0.060 | 16.590 | 13.989 |
| 420490003 | Erie | PA | 2.957 | 0.686 | 5.020 | 1.831 | 0.425 | 0.021 | 13.115 | 10.941 |
| 420692006 | Scranton | PA | 2.818 | 0.835 | 4.887 | 1.572 | 0.379 | 0.016 | 12.046 | 10.506 |
| 420710007 | Lancaster | PA | 4.266 | 0.961 | 6.466 | 4.362 | 0.411 | 0.131 | 18.173 | 16.597 |

| Site Code | City | State | POM | LAC | AS | AN | Soil | Sea salt | FM | RCFM |
|------------------|----------------|--------------|------------|------------|-----------|-----------|-------------|-----------------|-----------|-------------|
| 420950025 | Freemansburg | PA | 3.852 | 1.082 | 5.397 | 2.215 | 0.469 | 0.035 | 15.113 | 13.051 |
| 421010004 | Philadelphia | PA | 4.026 | 1.014 | 5.447 | 2.610 | 0.451 | 0.063 | 15.180 | 13.612 |
| 421010055 | Philadelphia | PA | 4.388 | 1.337 | 5.858 | 2.735 | 0.495 | 0.085 | 16.710 | 14.897 |
| 421255001 | Burgettstown | PA | 2.607 | 0.613 | 6.436 | 1.108 | 0.414 | 0.014 | 13.813 | 11.191 |
| 421290008 | Greensburg | PA | 3.394 | 0.905 | 6.786 | 1.616 | 0.420 | 0.026 | 15.098 | 13.147 |
| 421330008 | York | PA | 3.858 | 1.147 | 6.164 | 3.173 | 0.617 | 0.082 | 16.994 | 15.041 |
| 440070022 | Providence | RI | 3.248 | 0.717 | 4.115 | 1.371 | 0.338 | 0.071 | 10.029 | 9.859 |
| 450190049 | Charleston | SC | 3.298 | 0.570 | 5.107 | 0.791 | 0.499 | 0.126 | 12.570 | 10.391 |
| 450250001 | Chesterfield | SC | 4.572 | 0.464 | 5.462 | 0.868 | 0.345 | 0.014 | 14.023 | 11.725 |
| 450450009 | Taylors | SC | 5.786 | 0.780 | 5.966 | 1.070 | 0.425 | 0.015 | 16.573 | 14.041 |
| 450790019 | Columbia | SC | 5.688 | 0.865 | 6.235 | 0.951 | 0.695 | 0.012 | 19.483 | 13.788 |
| 460990006 | Sioux Falls | SD | 1.952 | 0.474 | 2.239 | 2.503 | 0.524 | 0.028 | 9.398 | 7.720 |
| 470370023 | Nashville | TN | 4.633 | 1.084 | 6.087 | 1.547 | 0.828 | 0.023 | 15.182 | 14.202 |
| 470654002 | Chattanooga | TN | 5.101 | 0.909 | 6.254 | 1.325 | 0.655 | 0.019 | 16.562 | 14.263 |
| 470931020 | Knoxville | TN | 4.745 | 1.080 | 5.969 | 1.149 | 0.745 | 0.021 | 15.197 | 13.710 |
| 470990002 | Loretto | TN | 2.995 | 0.441 | 5.412 | 1.028 | 0.569 | 0.015 | 13.138 | 10.459 |
| 471251009 | Clarksville | TN | 3.783 | 0.596 | 5.788 | 1.401 | 0.477 | 0.016 | 14.430 | 12.061 |
| 471570024 | Memphis | TN | 4.527 | 1.533 | 4.718 | 1.632 | 0.830 | 0.021 | 14.622 | 13.260 |
| 471631007 | Kingsport | TN | 3.368 | 0.648 | 6.465 | 1.161 | 0.743 | 0.010 | 15.202 | 12.394 |
| 481130069 | Dallas | TX | 3.888 | 0.782 | 4.188 | 1.189 | 0.661 | 0.026 | 10.673 | 10.733 |
| 482011039 | Deer Park | TX | 2.741 | 0.525 | 4.822 | 0.998 | 1.124 | 0.227 | 11.579 | 10.436 |
| 490110004 | Bountiful | UT | 2.842 | 0.719 | 1.344 | 2.826 | 0.877 | 0.073 | 9.887 | 8.682 |
| 490353006 | Salt Lake City | UT | 3.623 | 0.911 | 1.228 | 3.149 | 0.912 | 0.125 | 10.672 | 9.948 |

| Site Code | City | State | POM | LAC | AS | AN | Soil | Sea salt | FM | RCFM |
|------------------|-------------|--------------|------------|------------|-----------|-----------|-------------|-----------------|-----------|-------------|
| 490494001 | Lindon | UT | 3.286 | 0.693 | 1.180 | 3.153 | 1.017 | 0.076 | 10.674 | 9.404 |
| 500070012 | Burlington | VT | 2.854 | 0.495 | 2.657 | 1.259 | 0.273 | 0.021 | 8.612 | 7.560 |
| 510870014 | Richmond | VA | 4.582 | 0.737 | 5.999 | 1.324 | 0.382 | 0.026 | 14.720 | 13.049 |
| 530330080 | Seattle | WA | 3.400 | 0.830 | 1.470 | 0.989 | 0.323 | 0.113 | 8.787 | 7.124 |
| 530530029 | Tacoma | WA | 5.206 | 0.956 | 1.369 | 0.971 | 0.377 | 0.261 | 10.352 | 9.139 |
| 530630016 | Spokane | WA | 5.732 | 1.251 | 0.903 | 1.024 | 1.547 | 0.045 | 9.822 | 10.503 |
| 540390011 | Charleston | WV | 2.755 | 0.544 | 6.699 | 0.673 | 0.416 | 0.013 | 13.438 | 11.101 |
| 540391005 | Charleston | WV | 4.888 | 1.249 | 7.250 | 1.375 | 0.761 | 0.061 | 17.684 | 15.582 |
| 540511002 | Moundsville | WV | 3.719 | 0.784 | 7.184 | 1.217 | 0.448 | 0.025 | 15.693 | 13.377 |
| 550270007 | Mayville | WI | 2.002 | 0.389 | 3.436 | 3.436 | 0.275 | 0.024 | 11.635 | 9.561 |
| 550790026 | Milwaukee | WI | 3.288 | 0.680 | 3.998 | 3.611 | 0.456 | 0.043 | 13.159 | 12.077 |
| 551198001 | Perkinstown | WI | 1.784 | 0.280 | 2.534 | 2.034 | 0.268 | 0.013 | 9.228 | 6.912 |
| 551330027 | Waukesha | WI | 3.670 | 0.788 | 3.781 | 3.631 | 0.839 | 0.071 | 14.505 | 12.779 |

NF = National Forest
 NM = National Monument
 NP = National Park
 NWR = National Wildlife Refuge
 SP = State Park
 WA = Wilderness Area

Table B.2. IMPROVE and CSN 2005-2008 annual mean PM_{2.5} mass fraction for particulate organic matter (POM=1.8*organic carbon), light absorbing carbon (LAC), ammonium sulfate (AS), ammonium nitrate (AN), soil, and sea salt.

IMPROVE

| Site Code | Site Name | State | POM | LAC | AS | AN | Soil | Sea salt |
|-----------|----------------------------|-------|--------|--------|--------|--------|--------|----------|
| ACAD1 | Acadia NP | ME | 0.3371 | 0.0410 | 0.4657 | 0.0717 | 0.0421 | 0.0424 |
| ADPI1 | Addison Pinnacle | NY | 0.2657 | 0.0434 | 0.5348 | 0.1072 | 0.0430 | 0.0058 |
| AGTI1 | Agua Tibia | CA | 0.2860 | 0.0490 | 0.3219 | 0.2126 | 0.0976 | 0.0329 |
| AREN1 | Arendtsville | PA | 0.2513 | 0.0434 | 0.4904 | 0.1659 | 0.0374 | 0.0117 |
| BADL1 | Badlands NP | SD | 0.4180 | 0.0281 | 0.2988 | 0.0930 | 0.1561 | 0.0061 |
| BALD1 | Mount Baldy | AZ | 0.5123 | 0.0364 | 0.2210 | 0.0400 | 0.1827 | 0.0075 |
| BALT1 | Baltimore | MD | 0.2717 | 0.0645 | 0.4615 | 0.1414 | 0.0451 | 0.0158 |
| BAND1 | Bandelier NM | NM | 0.4010 | 0.0429 | 0.2829 | 0.0695 | 0.1990 | 0.0047 |
| BIBE1 | Big Bend NP | TX | 0.2242 | 0.0261 | 0.4947 | 0.0469 | 0.2026 | 0.0054 |
| BIRM1 | Birmingham | AL | 0.3849 | 0.0912 | 0.3403 | 0.0580 | 0.1100 | 0.0156 |
| BLIS1 | Bliss SP (TRPA) | CA | 0.5775 | 0.0473 | 0.1855 | 0.0612 | 0.1230 | 0.0055 |
| BLMO1 | Blue Mounds | MN | 0.2457 | 0.0352 | 0.3052 | 0.3160 | 0.0871 | 0.0108 |
| BOAP1 | Bosque del Apache | NM | 0.3305 | 0.0463 | 0.2856 | 0.0782 | 0.2434 | 0.0160 |
| BOND1 | Bondville | IL | 0.2217 | 0.0397 | 0.4238 | 0.2537 | 0.0513 | 0.0098 |
| BOWA1 | Boundary Waters Canoe Area | MN | 0.3721 | 0.0349 | 0.3638 | 0.1519 | 0.0668 | 0.0105 |
| BRCA1 | Bryce Canyon NP | UT | 0.3899 | 0.0366 | 0.2599 | 0.0871 | 0.2200 | 0.0064 |
| BRID1 | Bridger WA | WY | 0.4720 | 0.0349 | 0.2486 | 0.0597 | 0.1816 | 0.0032 |
| BRIG1 | Brigantine NWR | NJ | 0.2622 | 0.0427 | 0.4895 | 0.1124 | 0.0461 | 0.0471 |
| BRMA1 | Bridgton | ME | 0.3822 | 0.0517 | 0.4437 | 0.0632 | 0.0471 | 0.0122 |
| CABA1 | Casco Bay | ME | 0.3980 | 0.0606 | 0.3953 | 0.0769 | 0.0368 | 0.0324 |
| CABI1 | Cabinet Mountains | MT | 0.5583 | 0.0438 | 0.1850 | 0.0518 | 0.1538 | 0.0073 |
| CACO1 | Cape Cod | MA | 0.2807 | 0.0337 | 0.4562 | 0.0804 | 0.0371 | 0.1119 |
| CACR1 | Caney Creek | AR | 0.3144 | 0.0342 | 0.4539 | 0.0927 | 0.0976 | 0.0073 |
| CADI1 | Cadiz | KY | 0.2788 | 0.0378 | 0.5107 | 0.1102 | 0.0576 | 0.0048 |
| CANY1 | Canyonlands NP | UT | 0.3172 | 0.0322 | 0.2956 | 0.0849 | 0.2622 | 0.0079 |
| CAPI1 | Capitol Reef NP | UT | 0.3691 | 0.0367 | 0.2593 | 0.0828 | 0.2474 | 0.0047 |
| CEBL1 | Cedar Bluff | KS | 0.2867 | 0.0302 | 0.3274 | 0.2128 | 0.1377 | 0.0052 |
| CHAS1 | Chassahowitzka NWR | FL | 0.3527 | 0.0550 | 0.4220 | 0.0518 | 0.0838 | 0.0348 |
| CHER1 | Cherokee Nation | OK | 0.2877 | 0.0333 | 0.3454 | 0.1637 | 0.1645 | 0.0053 |
| CHIR1 | Chiricahua NM | AZ | 0.2383 | 0.0276 | 0.3431 | 0.0550 | 0.3212 | 0.0148 |
| CLPE1 | Cloud Peak | WY | 0.4764 | 0.0345 | 0.2646 | 0.0595 | 0.1622 | 0.0028 |
| COGO1 | Columbia Gorge #1 | WA | 0.4731 | 0.0636 | 0.1931 | 0.1503 | 0.0726 | 0.0473 |
| COHU1 | Cohutta | GA | 0.3244 | 0.0359 | 0.5159 | 0.0644 | 0.0556 | 0.0037 |
| CORI1 | Columbia River Gorge | WA | 0.3755 | 0.0542 | 0.1570 | 0.1659 | 0.2237 | 0.0238 |
| CRES1 | Crescent Lake | NE | 0.3204 | 0.0333 | 0.3072 | 0.1877 | 0.1449 | 0.0066 |
| CRLA1 | Crater Lake NP | OR | 0.6025 | 0.0551 | 0.1610 | 0.0312 | 0.1403 | 0.0099 |
| CRMO1 | Craters of the Moon NM | ID | 0.4439 | 0.0338 | 0.1716 | 0.1387 | 0.2065 | 0.0054 |
| DENA1 | Denali NP | AK | 0.5914 | 0.0333 | 0.2494 | 0.0316 | 0.0655 | 0.0289 |
| DEVA1 | Death Valley NP | CA | 0.3093 | 0.0285 | 0.2502 | 0.0620 | 0.3411 | 0.0090 |
| DOMI1 | Dome Lands WA | CA | 0.4139 | 0.0363 | 0.2105 | 0.1715 | 0.1601 | 0.0077 |
| DOSO1 | Dolly Sods WA | WV | 0.2566 | 0.0332 | 0.5960 | 0.0581 | 0.0521 | 0.0040 |

| Site Code | Site Name | State | POM | LAC | AS | AN | Soil | Sea salt |
|-----------|-------------------------------|-------|--------|--------|--------|--------|--------|----------|
| DOUG1 | Douglas | AZ | 0.2485 | 0.0391 | 0.1524 | 0.0403 | 0.5095 | 0.0102 |
| EGBE1 | Egbert | ON | 0.2537 | 0.0448 | 0.3910 | 0.2534 | 0.0441 | 0.0129 |
| ELDO1 | El Dorado Springs | MO | 0.2882 | 0.0367 | 0.3831 | 0.1797 | 0.1071 | 0.0052 |
| ELLI1 | Ellis | OK | 0.2936 | 0.0355 | 0.3653 | 0.1648 | 0.1354 | 0.0055 |
| EVER1 | Everglades NP | FL | 0.2805 | 0.0311 | 0.3961 | 0.0647 | 0.1467 | 0.0808 |
| FLAT1 | Flathead | MT | 0.6026 | 0.0458 | 0.1677 | 0.0534 | 0.1251 | 0.0055 |
| FOPE1 | Fort Peck | MT | 0.3527 | 0.0292 | 0.2923 | 0.1614 | 0.1554 | 0.0090 |
| FRES1 | Fresno | CA | 0.3799 | 0.0641 | 0.1071 | 0.3560 | 0.0761 | 0.0168 |
| FRRE1 | Frostberg Reservoir | MD | 0.2414 | 0.0405 | 0.5923 | 0.0743 | 0.0487 | 0.0029 |
| GAMO1 | Gates of the Mountains | MT | 0.6067 | 0.0487 | 0.1715 | 0.0515 | 0.1195 | 0.0020 |
| GICL1 | Gila WA | NM | 0.4379 | 0.0417 | 0.2735 | 0.0338 | 0.2058 | 0.0073 |
| GLAC1 | Glacier NP | MT | 0.5940 | 0.0677 | 0.1474 | 0.0553 | 0.1316 | 0.0041 |
| GRBA1 | Great Basin NP | NV | 0.3907 | 0.0351 | 0.2307 | 0.0560 | 0.2781 | 0.0094 |
| GRCA2 | Hance Camp at Grand Canyon NP | AZ | 0.3798 | 0.0409 | 0.2792 | 0.0697 | 0.2232 | 0.0072 |
| GRGU1 | Great Gulf WA | NH | 0.3609 | 0.0403 | 0.5005 | 0.0416 | 0.0462 | 0.0106 |
| GRR11 | Great River Bluffs | MN | 0.2636 | 0.0371 | 0.3381 | 0.2978 | 0.0531 | 0.0104 |
| GRSA1 | Great Sand Dunes NM | CO | 0.3565 | 0.0347 | 0.2358 | 0.0612 | 0.3082 | 0.0035 |
| GRSM1 | Great Smoky Mountains NP | TN | 0.3076 | 0.0384 | 0.5484 | 0.0498 | 0.0517 | 0.0041 |
| GUMO1 | Guadalupe Mountains NP | TX | 0.2561 | 0.0248 | 0.3593 | 0.0711 | 0.2824 | 0.0064 |
| HACR1 | Haleakala Crater | HI | 0.0991 | 0.0144 | 0.5843 | 0.0686 | 0.1536 | 0.0799 |
| HALE1 | Haleakala NP | HI | 0.1738 | 0.0230 | 0.4998 | 0.0807 | 0.0787 | 0.1440 |
| HAVO1 | Hawaii Volcanoes NP | HI | 0.0440 | 0.0075 | 0.7918 | 0.0216 | 0.0418 | 0.0933 |
| HECA1 | Hells Canyon | OR | 0.5738 | 0.0465 | 0.1438 | 0.0943 | 0.1368 | 0.0048 |
| HEGL1 | Hercules-Glades | MO | 0.3316 | 0.0374 | 0.4241 | 0.1212 | 0.0802 | 0.0056 |
| HOOV1 | Hoover | CA | 0.4765 | 0.0407 | 0.2150 | 0.0594 | 0.2042 | 0.0042 |
| IKBA1 | Ike's Backbone | AZ | 0.3608 | 0.0348 | 0.2487 | 0.0783 | 0.2641 | 0.0132 |
| INGA1 | Indian Gardens | AZ | 0.3505 | 0.0359 | 0.2402 | 0.0544 | 0.3127 | 0.0063 |
| ISLE1 | Isle Royale NP | MI | 0.3350 | 0.0358 | 0.4167 | 0.1460 | 0.0574 | 0.0091 |
| JARB1 | Jarbidge WA | NV | 0.4051 | 0.0273 | 0.1714 | 0.0423 | 0.3479 | 0.0060 |
| JARI1 | James River Face WA | VA | 0.3301 | 0.0553 | 0.5015 | 0.0643 | 0.0450 | 0.0039 |
| JOSH1 | Joshua Tree NP | CA | 0.2873 | 0.0408 | 0.2519 | 0.2193 | 0.1878 | 0.0130 |
| KAIS1 | Kaiser | CA | 0.4636 | 0.0402 | 0.2191 | 0.1158 | 0.1555 | 0.0059 |
| KALM1 | Kalmiopsis | OR | 0.6061 | 0.0486 | 0.1684 | 0.0465 | 0.0478 | 0.0825 |
| LABE1 | Lava Beds NM | CA | 0.5855 | 0.0454 | 0.1811 | 0.0492 | 0.1294 | 0.0094 |
| LASU2 | Lake Sugema | IA | 0.2509 | 0.0368 | 0.3790 | 0.2654 | 0.0603 | 0.0076 |
| LAVO1 | Lassen Volcanic NP | CA | 0.6091 | 0.0494 | 0.1599 | 0.0478 | 0.1271 | 0.0067 |
| LIGO1 | Linville Gorge | NC | 0.3182 | 0.0417 | 0.5510 | 0.0355 | 0.0488 | 0.0048 |
| LIVO1 | Livonia | IN | 0.2244 | 0.0379 | 0.5213 | 0.1577 | 0.0500 | 0.0087 |
| LOST1 | Lostwood | ND | 0.3314 | 0.0329 | 0.3173 | 0.1999 | 0.1064 | 0.0121 |
| LYBR1 | Lye Brook WA | VT | 0.2960 | 0.0383 | 0.5271 | 0.0824 | 0.0491 | 0.0072 |
| MACA1 | Mammoth Cave NP | KY | 0.2763 | 0.0390 | 0.5166 | 0.1081 | 0.0546 | 0.0054 |
| MAVI1 | Martha's Vineyard | MA | 0.2396 | 0.0316 | 0.4706 | 0.0957 | 0.0411 | 0.1213 |
| MEAD1 | Meadview | AZ | 0.2704 | 0.0319 | 0.2907 | 0.0692 | 0.3291 | 0.0086 |
| MELA1 | Medicine Lake | MT | 0.3368 | 0.0317 | 0.3027 | 0.1735 | 0.1458 | 0.0094 |
| MEVE1 | Mesa Verde NP | CO | 0.3520 | 0.0341 | 0.2739 | 0.0664 | 0.2690 | 0.0045 |
| MING1 | Mingo | MO | 0.3222 | 0.0423 | 0.4191 | 0.1046 | 0.1056 | 0.0062 |
| MKGO1 | M.K. Goddard | PA | 0.3036 | 0.0544 | 0.4712 | 0.1187 | 0.0446 | 0.0075 |

| Site Code | Site Name | State | POM | LAC | AS | AN | Soil | Sea salt |
|-----------|-------------------------------|-------|--------|--------|--------|--------|--------|----------|
| MOHO1 | Mount Hood | OR | 0.4897 | 0.0437 | 0.2334 | 0.0883 | 0.1090 | 0.0360 |
| MOMO1 | Mohawk Mt. | CT | 0.3058 | 0.0440 | 0.5160 | 0.0823 | 0.0448 | 0.0071 |
| MONT1 | Monture | MT | 0.6631 | 0.0437 | 0.1252 | 0.0249 | 0.1394 | 0.0038 |
| MOOS1 | Moosehorn NWR | ME | 0.3686 | 0.0409 | 0.4388 | 0.0634 | 0.0460 | 0.0423 |
| MORA1 | Mount Rainier NP | WA | 0.5419 | 0.0734 | 0.2325 | 0.0504 | 0.0705 | 0.0313 |
| MOZI1 | Mount Zirkel WA | CO | 0.3945 | 0.0331 | 0.2877 | 0.0781 | 0.2022 | 0.0044 |
| NEBR1 | Nebraska NF | NE | 0.3133 | 0.0341 | 0.3354 | 0.1810 | 0.1294 | 0.0069 |
| NEYO1 | New York City | NY | 0.2714 | 0.1099 | 0.3641 | 0.1686 | 0.0602 | 0.0258 |
| NOAB1 | North Absaroka | WY | 0.5212 | 0.0375 | 0.2232 | 0.0664 | 0.1493 | 0.0024 |
| NOCA1 | North Cascades | WA | 0.4719 | 0.0447 | 0.3236 | 0.0551 | 0.0833 | 0.0214 |
| NOCH1 | Northern Cheyenne | MT | 0.4745 | 0.0404 | 0.2531 | 0.0681 | 0.1561 | 0.0078 |
| OKEF1 | Okefenokee NWR | GA | 0.4138 | 0.0408 | 0.4128 | 0.0399 | 0.0717 | 0.0210 |
| OLYM1 | Olympic | WA | 0.4483 | 0.0456 | 0.2866 | 0.1116 | 0.0508 | 0.0571 |
| OMAH1 | Omaha | NE | 0.2520 | 0.0329 | 0.3274 | 0.2919 | 0.0884 | 0.0074 |
| ORPI1 | Organ Pipe | AZ | 0.1854 | 0.0244 | 0.3194 | 0.0815 | 0.3463 | 0.0432 |
| PASA1 | Pasayten | WA | 0.6528 | 0.0482 | 0.1523 | 0.0497 | 0.0903 | 0.0067 |
| PEFO1 | Petrified Forest NP | AZ | 0.3141 | 0.0632 | 0.2567 | 0.0608 | 0.2977 | 0.0076 |
| PENO1 | Penobscot | ME | 0.4378 | 0.0633 | 0.3585 | 0.0617 | 0.0572 | 0.0215 |
| PETE1 | Petersburg | AK | 0.4122 | 0.0433 | 0.3067 | 0.0321 | 0.0915 | 0.1143 |
| PHOE1 | Phoenix | AZ | 0.3837 | 0.0914 | 0.1268 | 0.1055 | 0.2734 | 0.0191 |
| PHOE5 | Phoenix Colocated Sampler | AZ | 0.3881 | 0.0916 | 0.1295 | 0.1037 | 0.2686 | 0.0185 |
| PINN1 | Pinnacles NM | CA | 0.3783 | 0.0452 | 0.2532 | 0.1746 | 0.0820 | 0.0667 |
| PMRF1 | Proctor Maple R. F. | VT | 0.3354 | 0.0421 | 0.4899 | 0.0789 | 0.0435 | 0.0102 |
| PORE1 | Point Reyes National Seashore | CA | 0.1620 | 0.0159 | 0.2532 | 0.1433 | 0.0315 | 0.3941 |
| PRIS1 | Presque Isle | ME | 0.4149 | 0.0620 | 0.3489 | 0.0581 | 0.0940 | 0.0222 |
| PUSO1 | Puget Sound | WA | 0.4619 | 0.1095 | 0.1819 | 0.1346 | 0.0634 | 0.0486 |
| QUCI1 | Quaker City | OH | 0.2409 | 0.0432 | 0.5693 | 0.0908 | 0.0519 | 0.0040 |
| QURE1 | Quabbin Summit | MA | 0.3390 | 0.0503 | 0.4699 | 0.0843 | 0.0451 | 0.0114 |
| QUVA1 | Queen Valley | AZ | 0.2437 | 0.0381 | 0.2733 | 0.0947 | 0.3343 | 0.0158 |
| RAFA1 | San Rafael | CA | 0.3673 | 0.0383 | 0.2704 | 0.1594 | 0.1227 | 0.0419 |
| REDW1 | Redwood NP | CA | 0.3267 | 0.0205 | 0.2234 | 0.0767 | 0.0359 | 0.3169 |
| ROMA1 | Cape Romain NWR | SC | 0.3024 | 0.0361 | 0.4990 | 0.0511 | 0.0617 | 0.0497 |
| ROMO1 | Rocky Mountain NP | CO | 0.3825 | 0.0364 | 0.2406 | 0.1073 | 0.2296 | 0.0037 |
| SACR1 | Salt Creek | NM | 0.2585 | 0.0309 | 0.3462 | 0.1327 | 0.2178 | 0.0139 |
| SAFO1 | Sac and Fox | KS | 0.2670 | 0.0390 | 0.3557 | 0.2387 | 0.0930 | 0.0065 |
| SAGA1 | San Gabriel | CA | 0.3147 | 0.0439 | 0.2615 | 0.2349 | 0.1326 | 0.0125 |
| SAGO1 | San Geronio WA | CA | 0.3118 | 0.0474 | 0.2041 | 0.3125 | 0.1131 | 0.0111 |
| SAGU1 | Saguaro NM | AZ | 0.2409 | 0.0378 | 0.2483 | 0.0779 | 0.3780 | 0.0171 |
| SAMA1 | St. Marks | FL | 0.3692 | 0.0379 | 0.4366 | 0.0435 | 0.0767 | 0.0361 |
| SAPE1 | San Pedro Parks | NM | 0.3502 | 0.0304 | 0.2976 | 0.0664 | 0.2508 | 0.0047 |
| SAWE1 | Saguaro West | AZ | 0.2213 | 0.0359 | 0.2229 | 0.0793 | 0.4206 | 0.0200 |
| SAWT1 | Sawtooth NF | ID | 0.7154 | 0.0457 | 0.1078 | 0.0203 | 0.1086 | 0.0022 |
| SENE1 | Seney | MI | 0.3529 | 0.0405 | 0.4183 | 0.1354 | 0.0451 | 0.0078 |
| SEQU1 | Sequoia NP | CA | 0.4287 | 0.0411 | 0.1905 | 0.2412 | 0.0923 | 0.0062 |
| SHEN1 | Shenandoah NP | VA | 0.2447 | 0.0347 | 0.5781 | 0.0882 | 0.0486 | 0.0056 |
| SHMI1 | Shamrock Mine | CO | 0.3459 | 0.0341 | 0.2256 | 0.0601 | 0.3331 | 0.0012 |
| SHRO1 | Shining Rock WA | NC | 0.3049 | 0.0282 | 0.5594 | 0.0424 | 0.0611 | 0.0039 |

| Site Code | Site Name | State | POM | LAC | AS | AN | Soil | Sea salt |
|-----------|--------------------|-------|--------|--------|--------|--------|--------|----------|
| SIAN1 | Sierra Ancha | AZ | 0.4087 | 0.0443 | 0.2393 | 0.0611 | 0.2347 | 0.0120 |
| SIKE1 | Sikes | LA | 0.3758 | 0.0413 | 0.4438 | 0.0446 | 0.0862 | 0.0084 |
| SIME1 | Simeonof | AK | 0.0969 | 0.0296 | 0.3305 | 0.0369 | 0.0451 | 0.4610 |
| SIPS1 | Sipsy WA | AL | 0.3331 | 0.0412 | 0.4872 | 0.0686 | 0.0651 | 0.0048 |
| SNPA1 | Snoqualmie Pass | WA | 0.4925 | 0.0703 | 0.2276 | 0.1117 | 0.0637 | 0.0342 |
| STAR1 | Starkey | OR | 0.5335 | 0.0429 | 0.1688 | 0.0921 | 0.1511 | 0.0117 |
| SULA1 | Sula Peak | MT | 0.7153 | 0.0541 | 0.1108 | 0.0301 | 0.0872 | 0.0024 |
| SWAN1 | Swanquarter | NC | 0.2800 | 0.0286 | 0.5287 | 0.0601 | 0.0525 | 0.0502 |
| SYCA1 | Sycamore Canyon | AZ | 0.2905 | 0.0455 | 0.1668 | 0.0490 | 0.4420 | 0.0062 |
| TALL1 | Tallgrass | KS | 0.3429 | 0.0411 | 0.3410 | 0.1793 | 0.0910 | 0.0046 |
| THBA1 | Thunder Basin | WY | 0.3786 | 0.0457 | 0.2450 | 0.0818 | 0.2402 | 0.0087 |
| THRO1 | Theodore Roosevelt | ND | 0.3471 | 0.0421 | 0.2941 | 0.1519 | 0.1553 | 0.0095 |
| THSI1 | Three Sisters WA | OR | 0.5812 | 0.0501 | 0.1929 | 0.0381 | 0.1184 | 0.0193 |
| TONT1 | Tonto NM | AZ | 0.2932 | 0.0362 | 0.2825 | 0.0759 | 0.2976 | 0.0147 |
| TRCR1 | Trapper Creek | AK | 0.4635 | 0.0379 | 0.3228 | 0.0415 | 0.0906 | 0.0437 |
| TRIN1 | Trinity | CA | 0.7505 | 0.0440 | 0.0967 | 0.0342 | 0.0640 | 0.0107 |
| TUXE1 | Tuxedni | AK | 0.3351 | 0.0248 | 0.3236 | 0.0441 | 0.0856 | 0.1869 |
| ULBE1 | UL Bend | MT | 0.4566 | 0.0351 | 0.2552 | 0.0888 | 0.1554 | 0.0089 |
| UPBU1 | Upper Buffalo WA | AR | 0.3201 | 0.0344 | 0.4330 | 0.1156 | 0.0903 | 0.0067 |
| VIIS1 | Virgin Islands NP | VI | 0.0371 | 0.0102 | 0.2529 | 0.0531 | 0.4013 | 0.2454 |
| VILA1 | Viking Lake | IA | 0.2380 | 0.0384 | 0.3538 | 0.2834 | 0.0774 | 0.0091 |
| VOYA2 | Voyageurs NP #2 | MN | 0.3914 | 0.0358 | 0.3566 | 0.1405 | 0.0611 | 0.0147 |
| WASH1 | Washington D.C. | DC | 0.2908 | 0.0853 | 0.4281 | 0.1248 | 0.0568 | 0.0142 |
| WEMI1 | Weminuche WA | CO | 0.4229 | 0.0516 | 0.2619 | 0.0483 | 0.2093 | 0.0060 |
| WHIT1 | White Mountain | NM | 0.2898 | 0.0281 | 0.3622 | 0.0630 | 0.2473 | 0.0097 |
| WHPA1 | White Pass | WA | 0.4935 | 0.0419 | 0.2663 | 0.0651 | 0.1132 | 0.0200 |
| WHPE1 | Wheeler Peak | NM | 0.3495 | 0.0366 | 0.3022 | 0.0711 | 0.2356 | 0.0049 |
| WHRI1 | White River NF | CO | 0.3485 | 0.0406 | 0.2808 | 0.0707 | 0.2558 | 0.0036 |
| WICA1 | Wind Cave | SD | 0.4103 | 0.0383 | 0.2824 | 0.1003 | 0.1638 | 0.0049 |
| WIMO1 | Wichita Mountains | OK | 0.2902 | 0.0352 | 0.4042 | 0.1444 | 0.1186 | 0.0074 |
| YELL2 | Yellowstone NP 2 | WY | 0.5416 | 0.0370 | 0.2016 | 0.0761 | 0.1393 | 0.0045 |
| YOSE1 | Yosemite NP | CA | 0.5343 | 0.0456 | 0.2079 | 0.0883 | 0.1188 | 0.0051 |
| ZICA1 | Zion Canyon | UT | 0.3764 | 0.0415 | 0.2492 | 0.0664 | 0.2599 | 0.0066 |

CSN

| Site Code | City | State | POM | LAC | AS | AN | Soil | Sea salt |
|-----------|-------------------------|-------|--------|--------|--------|--------|--------|----------|
| 10730023 | Birmingham | AL | 0.3985 | 0.0898 | 0.3626 | 0.0666 | 0.0786 | 0.0039 |
| 10732003 | Birmingham | AL | 0.3474 | 0.0611 | 0.3888 | 0.0677 | 0.1326 | 0.0025 |
| 10890014 | Huntsville | AL | 0.3380 | 0.0506 | 0.4662 | 0.1035 | 0.0403 | 0.0014 |
| 11011002 | Montgomery | AL | 0.4251 | 0.0552 | 0.4077 | 0.0525 | 0.0579 | 0.0016 |
| 11130001 | Phenix City/Columbus | AL | 0.4789 | 0.0577 | 0.3728 | 0.0508 | 0.0378 | 0.0019 |
| 20900010 | Fairbanks | AK | 0.5610 | 0.1041 | 0.2292 | 0.0572 | 0.0436 | 0.0048 |
| 40139997 | Phoenix | AZ | 0.4956 | 0.1086 | 0.1333 | 0.1120 | 0.1445 | 0.0060 |
| 40191028 | Tucson | AZ | 0.3916 | 0.1011 | 0.2023 | 0.0896 | 0.2094 | 0.0059 |
| 51190007 | Little Rock | AR | 0.3942 | 0.0719 | 0.3603 | 0.0891 | 0.0829 | 0.0016 |

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|-----------|------------------|-------|--------|--------|--------|--------|--------|----------|
| 60190008 | Fresno | CA | 0.4032 | 0.0629 | 0.1090 | 0.3726 | 0.0473 | 0.0051 |
| 60290014 | Bakersfield | CA | 0.3277 | 0.0596 | 0.1177 | 0.4143 | 0.0771 | 0.0036 |
| 60371103 | Los Angeles | CA | 0.2849 | 0.0865 | 0.2213 | 0.3479 | 0.0534 | 0.0060 |
| 60658001 | Rubidoux | CA | 0.2684 | 0.0741 | 0.1635 | 0.4303 | 0.0586 | 0.0051 |
| 60670006 | Sacramento | CA | 0.5256 | 0.0845 | 0.1189 | 0.2230 | 0.0399 | 0.0080 |
| 60730003 | El Cajon | CA | 0.3555 | 0.0755 | 0.2414 | 0.2715 | 0.0437 | 0.0124 |
| 60850005 | San Jose | CA | 0.4449 | 0.0932 | 0.1490 | 0.2504 | 0.0367 | 0.0258 |
| 61112002 | Simi Valley | CA | 0.3299 | 0.0709 | 0.2612 | 0.2871 | 0.0449 | 0.0059 |
| 80010006 | Commerce City | CO | 0.3427 | 0.1376 | 0.1465 | 0.2033 | 0.1630 | 0.0069 |
| 80410011 | Colorado Springs | CO | 0.3813 | 0.1414 | 0.1967 | 0.1580 | 0.1215 | 0.0010 |
| 80770017 | Grand Junction | CO | 0.4795 | 0.1247 | 0.1195 | 0.1299 | 0.1443 | 0.0022 |
| 81230008 | Platteville | CO | 0.3108 | 0.0944 | 0.1520 | 0.2848 | 0.1566 | 0.0013 |
| 90090027 | New Haven | CT | 0.3112 | 0.0995 | 0.4002 | 0.1512 | 0.0347 | 0.0033 |
| 100010003 | Dover | DE | 0.2488 | 0.0490 | 0.4797 | 0.1911 | 0.0282 | 0.0033 |
| 100032004 | Wilmington | DE | 0.2612 | 0.0682 | 0.4109 | 0.1962 | 0.0572 | 0.0064 |
| 110010043 | Washington D.C. | DC | 0.3005 | 0.0625 | 0.4472 | 0.1488 | 0.0375 | 0.0036 |
| 120111002 | Davie | FL | 0.2227 | 0.0765 | 0.4116 | 0.0923 | 0.1346 | 0.0622 |
| 120573002 | Valrico | FL | 0.3390 | 0.0674 | 0.4248 | 0.0832 | 0.0725 | 0.0130 |
| 120730012 | Tallahassee | FL | 0.4402 | 0.0803 | 0.3680 | 0.0448 | 0.0620 | 0.0047 |
| 121030026 | Pinellas Park | FL | 0.2800 | 0.0666 | 0.4705 | 0.0848 | 0.0776 | 0.0204 |
| 130210007 | Macon | GA | 0.4566 | 0.0618 | 0.3482 | 0.0482 | 0.0828 | 0.0024 |
| 130590001 | Athens | GA | 0.4043 | 0.0500 | 0.4115 | 0.0944 | 0.0386 | 0.0012 |
| 130690002 | Douglas | GA | 0.4250 | 0.0512 | 0.4123 | 0.0433 | 0.0640 | 0.0042 |
| 130890002 | Panthersville | GA | 0.3827 | 0.1056 | 0.4042 | 0.0665 | 0.0399 | 0.0012 |
| 131150005 | Rome | GA | 0.4114 | 0.0493 | 0.4253 | 0.0680 | 0.0446 | 0.0014 |
| 132150011 | Columbus | GA | 0.4749 | 0.0559 | 0.3817 | 0.0460 | 0.0400 | 0.0015 |
| 132450091 | Augusta | GA | 0.4398 | 0.0578 | 0.3863 | 0.0670 | 0.0472 | 0.0019 |
| 150032004 | Pearl City | HI | 0.0950 | 0.0895 | 0.4108 | 0.0714 | 0.0645 | 0.2688 |
| 170310057 | Chicago | IL | 0.3104 | 0.0656 | 0.3128 | 0.2623 | 0.0439 | 0.0050 |
| 170310076 | Chicago | IL | 0.2878 | 0.0673 | 0.3374 | 0.2630 | 0.0397 | 0.0048 |
| 170314201 | Northbrook | IL | 0.2528 | 0.0607 | 0.3666 | 0.2796 | 0.0382 | 0.0021 |
| 170434002 | Naperville | IL | 0.2748 | 0.0562 | 0.3517 | 0.2803 | 0.0346 | 0.0023 |
| 171150013 | Decatur | IL | 0.2301 | 0.0511 | 0.4089 | 0.2621 | 0.0460 | 0.0018 |
| 171192009 | Alton | IL | 0.2645 | 0.0503 | 0.4197 | 0.2200 | 0.0439 | 0.0016 |
| 180372001 | Jasper | IN | 0.2290 | 0.0456 | 0.4908 | 0.2003 | 0.0308 | 0.0035 |
| 180390003 | Elkhart | IN | 0.2631 | 0.0554 | 0.3628 | 0.2831 | 0.0324 | 0.0032 |
| 180650003 | Middleton | IN | 0.1912 | 0.0411 | 0.4816 | 0.2563 | 0.0286 | 0.0011 |
| 180890022 | Gary | IN | 0.2402 | 0.1068 | 0.3494 | 0.2252 | 0.0685 | 0.0099 |
| 180892004 | Hammond | IN | 0.2487 | 0.0665 | 0.3718 | 0.2621 | 0.0471 | 0.0038 |
| 180970078 | Indianapolis | IN | 0.2575 | 0.0561 | 0.4285 | 0.2220 | 0.0342 | 0.0017 |
| 181630012 | Evansville | IN | 0.2639 | 0.0500 | 0.4867 | 0.1616 | 0.0361 | 0.0017 |
| 191130037 | Cedar Rapids | IA | 0.2317 | 0.0413 | 0.3511 | 0.3259 | 0.0448 | 0.0052 |
| 191530030 | Des Moines | IA | 0.2521 | 0.0504 | 0.3400 | 0.2990 | 0.0539 | 0.0046 |
| 191630015 | Davenport | IA | 0.2570 | 0.0468 | 0.3566 | 0.2871 | 0.0447 | 0.0078 |
| 201730010 | Wichita | KS | 0.2922 | 0.0525 | 0.3658 | 0.2092 | 0.0745 | 0.0057 |
| 202090021 | Kansas City | KS | 0.3917 | 0.0646 | 0.2920 | 0.1921 | 0.0568 | 0.0028 |

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|-----------|---------------|-------|--------|--------|--------|--------|--------|----------|
| 210190017 | Ashland | KY | 0.3082 | 0.0631 | 0.5000 | 0.0922 | 0.0350 | 0.0014 |
| 210670012 | Lexington | KY | 0.2365 | 0.0542 | 0.5097 | 0.1617 | 0.0360 | 0.0018 |
| 211110043 | Louisville | KY | 0.2911 | 0.0633 | 0.4578 | 0.1389 | 0.0470 | 0.0019 |
| 211170007 | Covington | KY | 0.2488 | 0.0698 | 0.4875 | 0.1579 | 0.0346 | 0.0014 |
| 211930003 | Hazard | KY | 0.3068 | 0.1098 | 0.4834 | 0.0580 | 0.0406 | 0.0015 |
| 220150008 | Shreveport | LA | 0.4458 | 0.0484 | 0.4047 | 0.0575 | 0.0418 | 0.0019 |
| 220330009 | Baton Rouge | LA | 0.3743 | 0.0744 | 0.4265 | 0.0661 | 0.0553 | 0.0033 |
| 240053001 | Essex | MD | 0.3065 | 0.0682 | 0.4287 | 0.1597 | 0.0335 | 0.0034 |
| 240330030 | Beltsville | MD | 0.2836 | 0.0662 | 0.4914 | 0.1208 | 0.0351 | 0.0029 |
| 250130008 | Westover AFB | MA | 0.3526 | 0.0695 | 0.4199 | 0.1282 | 0.0274 | 0.0024 |
| 250250042 | Boston | MA | 0.3650 | 0.0816 | 0.3790 | 0.1371 | 0.0304 | 0.0069 |
| 260770008 | Kalamazoo | MI | 0.2789 | 0.0629 | 0.3742 | 0.2371 | 0.0445 | 0.0025 |
| 260810020 | Grand Rapids | MI | 0.2883 | 0.0632 | 0.3460 | 0.2660 | 0.0331 | 0.0032 |
| 261130001 | Houghton Lake | MI | 0.2500 | 0.0428 | 0.4699 | 0.2098 | 0.0262 | 0.0013 |
| 261150005 | Erie | MI | 0.2306 | 0.0620 | 0.4207 | 0.2484 | 0.0359 | 0.0024 |
| 261610008 | Ypsilanti | MI | 0.2648 | 0.0504 | 0.3988 | 0.2568 | 0.0261 | 0.0030 |
| 261630001 | Allen Park | MI | 0.2618 | 0.0746 | 0.3652 | 0.2506 | 0.0439 | 0.0038 |
| 261630033 | Detroit | MI | 0.2740 | 0.0664 | 0.3443 | 0.2057 | 0.1003 | 0.0093 |
| 270530963 | Minneapolis | MN | 0.3228 | 0.0580 | 0.2863 | 0.2806 | 0.0467 | 0.0056 |
| 271095008 | Rochester | MN | 0.2457 | 0.0510 | 0.3244 | 0.3320 | 0.0413 | 0.0057 |
| 280470008 | Gulfport | MS | 0.3395 | 0.0582 | 0.4567 | 0.0733 | 0.0630 | 0.0092 |
| 290470005 | Liberty | MO | 0.2337 | 0.0453 | 0.4136 | 0.2503 | 0.0551 | 0.0020 |
| 290990012 | Arnold | MO | 0.3169 | 0.0505 | 0.4009 | 0.1765 | 0.0532 | 0.0019 |
| 291860005 | Bonne Terre | MO | 0.2724 | 0.0352 | 0.4878 | 0.1587 | 0.0447 | 0.0012 |
| 295100085 | St. Louis | MO | 0.2911 | 0.0760 | 0.3767 | 0.1958 | 0.0570 | 0.0034 |
| 300530018 | Libby | MT | 0.7969 | 0.0728 | 0.0556 | 0.0438 | 0.0293 | 0.0016 |
| 300630031 | Missoula | MT | 0.6344 | 0.0821 | 0.1039 | 0.1206 | 0.0543 | 0.0046 |
| 310550019 | Omaha | NE | 0.2672 | 0.0617 | 0.3269 | 0.2654 | 0.0763 | 0.0025 |
| 320030020 | Las Vegas | NV | 0.3827 | 0.1531 | 0.1669 | 0.0720 | 0.2179 | 0.0074 |
| 320030561 | Las Vegas | NV | 0.5047 | 0.1441 | 0.1100 | 0.0792 | 0.1581 | 0.0040 |
| 320310016 | Reno | NV | 0.5770 | 0.1187 | 0.0855 | 0.1312 | 0.0855 | 0.0022 |
| 330150014 | Portsmouth | NH | 0.3641 | 0.0760 | 0.4179 | 0.0958 | 0.0333 | 0.0129 |
| 340070003 | Camden | NJ | 0.2891 | 0.0689 | 0.3953 | 0.1803 | 0.0615 | 0.0049 |
| 340230006 | New Brunswick | NJ | 0.2768 | 0.0769 | 0.4329 | 0.1637 | 0.0460 | 0.0038 |
| 340273001 | Chester | NJ | 0.2476 | 0.0533 | 0.5169 | 0.1526 | 0.0279 | 0.0017 |
| 340390004 | Elizabeth | NJ | 0.3021 | 0.1461 | 0.3411 | 0.1628 | 0.0433 | 0.0046 |
| 350010023 | Albuquerque | NM | 0.4532 | 0.1140 | 0.1884 | 0.1157 | 0.1264 | 0.0023 |
| 360050110 | Bronx | NY | 0.2656 | 0.1131 | 0.3842 | 0.1877 | 0.0437 | 0.0057 |
| 360290005 | Buffalo | NY | 0.2831 | 0.0754 | 0.3998 | 0.1981 | 0.0385 | 0.0051 |
| 360310003 | Wilmington | NY | 0.2577 | 0.0426 | 0.5685 | 0.1032 | 0.0263 | 0.0017 |
| 360551007 | Rochester | NY | 0.2712 | 0.0607 | 0.4285 | 0.2061 | 0.0297 | 0.0039 |
| 360610134 | New York City | NY | 0.3567 | 0.0995 | 0.3436 | 0.1543 | 0.0413 | 0.0046 |
| 360810124 | Queens | NY | 0.2645 | 0.0879 | 0.4070 | 0.1891 | 0.0432 | 0.0082 |
| 361010003 | Addison | NY | 0.2342 | 0.0430 | 0.5541 | 0.1312 | 0.0354 | 0.0021 |
| 370210034 | Asheville | NC | 0.3664 | 0.0626 | 0.4572 | 0.0767 | 0.0359 | 0.0013 |
| 370350004 | Hickory | NC | 0.4027 | 0.0717 | 0.4070 | 0.0907 | 0.0267 | 0.0013 |
| 370570002 | Lexington | NC | 0.3817 | 0.0637 | 0.4329 | 0.0887 | 0.0313 | 0.0017 |
| 370670022 | Winston-Salem | NC | 0.3496 | 0.0580 | 0.4689 | 0.0946 | 0.0276 | 0.0015 |

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|-----------|---------------|-------|--------|--------|--------|--------|--------|----------|
| 371070004 | Kinston | NC | 0.3123 | 0.0480 | 0.4869 | 0.1161 | 0.0325 | 0.0043 |
| 371190041 | Charlotte | NC | 0.3716 | 0.0621 | 0.4399 | 0.0894 | 0.0354 | 0.0015 |
| 371590021 | Rockwell | NC | 0.3784 | 0.0522 | 0.4526 | 0.0852 | 0.0303 | 0.0014 |
| 371830014 | Raleigh | NC | 0.3923 | 0.0608 | 0.4161 | 0.0910 | 0.0380 | 0.0019 |
| 380150003 | Bismarck | ND | 0.3654 | 0.0527 | 0.2744 | 0.2418 | 0.0649 | 0.0007 |
| 380171004 | Fargo | ND | 0.2271 | 0.0646 | 0.2764 | 0.2916 | 0.1356 | 0.0046 |
| 380530002 | Watford City | ND | 0.2849 | 0.0386 | 0.3632 | 0.2321 | 0.0808 | 0.0004 |
| 390171004 | Middletown | OH | 0.2389 | 0.0597 | 0.4698 | 0.1840 | 0.0459 | 0.0017 |
| 390350038 | Cleveland | OH | 0.2412 | 0.0643 | 0.3931 | 0.2030 | 0.0913 | 0.0070 |
| 390350060 | Cleveland | OH | 0.2281 | 0.0834 | 0.3955 | 0.2064 | 0.0771 | 0.0096 |
| 390490081 | Columbus | OH | 0.2690 | 0.0524 | 0.4442 | 0.2076 | 0.0255 | 0.0013 |
| 390610040 | Cincinnati | OH | 0.2631 | 0.0607 | 0.4648 | 0.1736 | 0.0355 | 0.0022 |
| 390870010 | Ironton | OH | 0.2764 | 0.0819 | 0.4991 | 0.0878 | 0.0527 | 0.0021 |
| 390933002 | Sheffield | OH | 0.2480 | 0.0524 | 0.4191 | 0.1958 | 0.0811 | 0.0036 |
| 390950026 | Toledo | OH | 0.2456 | 0.0666 | 0.4038 | 0.2454 | 0.0363 | 0.0023 |
| 390990014 | Youngstown | OH | 0.2566 | 0.0736 | 0.4121 | 0.1539 | 0.1006 | 0.0031 |
| 391130031 | Dayton | OH | 0.2550 | 0.0536 | 0.4800 | 0.1813 | 0.0294 | 0.0007 |
| 391130032 | Dayton | OH | 0.2668 | 0.0648 | 0.4180 | 0.2115 | 0.0351 | 0.0038 |
| 391510017 | Canton | OH | 0.2506 | 0.0666 | 0.4253 | 0.1806 | 0.0688 | 0.0081 |
| 391530023 | Akron | OH | 0.2683 | 0.0514 | 0.4482 | 0.1922 | 0.0369 | 0.0029 |
| 401091037 | Edmond | OK | 0.3303 | 0.0562 | 0.3637 | 0.1789 | 0.0698 | 0.0011 |
| 401431127 | Tulsa | OK | 0.3523 | 0.0564 | 0.3638 | 0.1480 | 0.0778 | 0.0016 |
| 410290133 | Medford | OR | 0.7144 | 0.0533 | 0.0705 | 0.0977 | 0.0603 | 0.0037 |
| 410390060 | Eugene | OR | 0.6212 | 0.0715 | 0.1313 | 0.1093 | 0.0505 | 0.0162 |
| 410510080 | Portland | OR | 0.5825 | 0.1007 | 0.1488 | 0.1239 | 0.0338 | 0.0103 |
| 410510246 | Portland | OR | 0.4713 | 0.1212 | 0.1953 | 0.1535 | 0.0481 | 0.0106 |
| 410610119 | La Grande | OR | 0.7000 | 0.0575 | 0.0734 | 0.1014 | 0.0644 | 0.0033 |
| 420010001 | Arendtsville | PA | 0.2233 | 0.0422 | 0.5190 | 0.1908 | 0.0221 | 0.0026 |
| 420030008 | Pittsburgh | PA | 0.2619 | 0.0745 | 0.4714 | 0.1389 | 0.0505 | 0.0027 |
| 420030064 | Liberty | PA | 0.2915 | 0.1314 | 0.4080 | 0.0991 | 0.0414 | 0.0286 |
| 420270100 | State College | PA | 0.2522 | 0.0504 | 0.5171 | 0.1540 | 0.0252 | 0.0011 |
| 420290100 | Toughkenamon | PA | 0.2341 | 0.0510 | 0.4180 | 0.2646 | 0.0275 | 0.0047 |
| 420430401 | Harrisburg | PA | 0.2370 | 0.0773 | 0.4287 | 0.2204 | 0.0316 | 0.0050 |
| 420450002 | Chester | PA | 0.2667 | 0.0718 | 0.4360 | 0.1740 | 0.0471 | 0.0043 |
| 420490003 | Erie | PA | 0.2702 | 0.0627 | 0.4589 | 0.1674 | 0.0389 | 0.0019 |
| 420692006 | Scranton | PA | 0.2682 | 0.0795 | 0.4652 | 0.1496 | 0.0360 | 0.0015 |
| 420710007 | Lancaster | PA | 0.2570 | 0.0579 | 0.3896 | 0.2628 | 0.0248 | 0.0079 |
| 420950025 | Freemansburg | PA | 0.2952 | 0.0829 | 0.4135 | 0.1697 | 0.0360 | 0.0027 |
| 421010004 | Philadelphia | PA | 0.2958 | 0.0745 | 0.4002 | 0.1918 | 0.0332 | 0.0046 |
| 421010055 | Philadelphia | PA | 0.2946 | 0.0897 | 0.3932 | 0.1836 | 0.0332 | 0.0057 |
| 421255001 | Burgettstown | PA | 0.2330 | 0.0547 | 0.5751 | 0.0990 | 0.0370 | 0.0013 |
| 421290008 | Greensburg | PA | 0.2581 | 0.0688 | 0.5162 | 0.1229 | 0.0319 | 0.0020 |
| 421330008 | York | PA | 0.2565 | 0.0763 | 0.4098 | 0.2110 | 0.0410 | 0.0055 |
| 440070022 | Providence | RI | 0.3295 | 0.0727 | 0.4173 | 0.1390 | 0.0342 | 0.0072 |
| 450190049 | Charleston | SC | 0.3174 | 0.0549 | 0.4915 | 0.0761 | 0.0480 | 0.0121 |
| 450250001 | Chesterfield | SC | 0.3899 | 0.0396 | 0.4658 | 0.0740 | 0.0295 | 0.0012 |
| 450450009 | Taylors | SC | 0.4121 | 0.0556 | 0.4249 | 0.0762 | 0.0302 | 0.0011 |
| 450790019 | Columbia | SC | 0.4125 | 0.0627 | 0.4522 | 0.0689 | 0.0504 | 0.0009 |

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|------------------|----------------|--------------|------------|------------|-----------|-----------|-------------|-----------------|
| 460990006 | Sioux Falls | SD | 0.2529 | 0.0613 | 0.2900 | 0.3243 | 0.0679 | 0.0036 |
| 470370023 | Nashville | TN | 0.3262 | 0.0763 | 0.4286 | 0.1089 | 0.0583 | 0.0016 |
| 470654002 | Chattanooga | TN | 0.3577 | 0.0637 | 0.4385 | 0.0929 | 0.0459 | 0.0014 |
| 470931020 | Knoxville | TN | 0.3461 | 0.0788 | 0.4354 | 0.0838 | 0.0543 | 0.0015 |
| 470990002 | Loretto | TN | 0.2863 | 0.0422 | 0.5174 | 0.0983 | 0.0544 | 0.0014 |
| 471251009 | Clarksville | TN | 0.3136 | 0.0494 | 0.4799 | 0.1162 | 0.0395 | 0.0013 |
| 471570024 | Memphis | TN | 0.3414 | 0.1156 | 0.3558 | 0.1230 | 0.0626 | 0.0015 |
| 471631007 | Kingsport | TN | 0.2718 | 0.0523 | 0.5216 | 0.0936 | 0.0600 | 0.0008 |
| 481130069 | Dallas | TX | 0.3622 | 0.0729 | 0.3901 | 0.1107 | 0.0616 | 0.0024 |
| 482011039 | Deer Park | TX | 0.2626 | 0.0503 | 0.4620 | 0.0956 | 0.1077 | 0.0217 |
| 490110004 | Bountiful | UT | 0.3274 | 0.0829 | 0.1549 | 0.3255 | 0.1010 | 0.0084 |
| 490353006 | Salt Lake City | UT | 0.3642 | 0.0916 | 0.1234 | 0.3165 | 0.0916 | 0.0126 |
| 490494001 | Lindon | UT | 0.3494 | 0.0736 | 0.1255 | 0.3353 | 0.1081 | 0.0080 |
| 500070012 | Burlington | VT | 0.3775 | 0.0655 | 0.3515 | 0.1665 | 0.0361 | 0.0028 |
| 510870014 | Richmond | VA | 0.3511 | 0.0565 | 0.4597 | 0.1014 | 0.0293 | 0.0020 |
| 530330080 | Seattle | WA | 0.4773 | 0.1165 | 0.2063 | 0.1388 | 0.0453 | 0.0159 |
| 530530029 | Tacoma | WA | 0.5697 | 0.1046 | 0.1498 | 0.1062 | 0.0412 | 0.0285 |
| 530630016 | Spokane | WA | 0.5458 | 0.1191 | 0.0860 | 0.0975 | 0.1473 | 0.0043 |
| 540390011 | Charleston | WV | 0.2482 | 0.0490 | 0.6034 | 0.0606 | 0.0375 | 0.0012 |
| 540391005 | Charleston | WV | 0.3137 | 0.0801 | 0.4652 | 0.0882 | 0.0488 | 0.0039 |
| 540511002 | Moundsville | WV | 0.2780 | 0.0586 | 0.5370 | 0.0910 | 0.0335 | 0.0019 |
| 550270007 | Mayville | WI | 0.2094 | 0.0407 | 0.3593 | 0.3594 | 0.0287 | 0.0025 |
| 550790026 | Milwaukee | WI | 0.2722 | 0.0563 | 0.3311 | 0.2990 | 0.0378 | 0.0036 |
| 551198001 | Perkinstown | WI | 0.2580 | 0.0405 | 0.3666 | 0.2942 | 0.0387 | 0.0019 |
| 551330027 | Waukesha | WI | 0.2872 | 0.0617 | 0.2959 | 0.2841 | 0.0657 | 0.0055 |

NF = National Forest

NM = National Monument

NP = National Park

NWR = National Wildlife Refuge

SP = State Park

WA = Wilderness Area