

APPENDIX A

SPECIES ABBREVIATIONS

This appendix contains the species abbreviations used for the IMPROVE, MDN, and NADP networks.

Table A-1. IMPROVE abbreviations and units.

Page 1 of 2

Abbrev	Species	Units
AG	Silver	ng/m ³
AL	Aluminum	ng/m ³
As	Arsenic	ng/m ³
AU	Gold	ng/m ³
Ba	Barium	ng/m ³
Br	Bromine	ng/m ³
Ca	Calcium	ng/m ³
Cd	Cadmium	ng/m ³
Cl	Chlorine	ng/m ³
Co	Cobalt	ng/m ³
Cr	Chromium	ng/m ³
Cu	Copper	ng/m ³
Fe	Iron	ng/m ³
Ga	Gallium	ng/m ³
H	Hydrogen	ng/m ³
Hg	Mercury	ng/m ³
K	Potassium	ng/m ³
PM _{2.5}	Total fine mass	ng/m ³
Mg	Magnesium	ng/m ³
Mn	Manganese	ng/m ³
Na	Sodium	ng/m ³
Ni	Nickel	ng/m ³
P	Phosphorus	ng/m ³
Pb	Lead	ng/m ³
Rb	Rubidium	ng/m ³
S	Sulfur	ng/m ³
Se	Selenium	ng/m ³
Si	Silicon	ng/m ³
Sr	Strontium	ng/m ³
Ti	Titanium	ng/m ³
V	Vanadium	ng/m ³
Y	Yttrium	ng/m ³
Zn	Zinc	ng/m ³
Zr	Zirconium	ng/m ³
CLI	Chloride Ion	ng/m ³
NH ₄	Ammonium Ion	ng/m ³
NO ₂	Nitrite Ion	ng/m ³
NO ₃	Nitrate Ion	ng/m ³
SO ₄	Sulfate Ion	ng/m ³

Table A-1. IMPROVE abbreviations and units.

Abbrev	Species	Units
E1	Low temperature elemental carbon	ng/m ³
E2	High temperature elemental carbon	ng/m ³
E3	High temperature elemental carbon	ng/m ³
O1	Low temperature organic carbon	ng/m ³
O2	High temperature organic carbon	ng/m ³
O3	High temperature organic carbon	ng/m ³
O4	High temperature organic carbon	ng/m ³
Op	Pyrolized OC	ng/m ³

Table A-2. MDN abbreviations and units

Abbrev.	Species	Units
Subppt	MDN precipitation used	mm
RGPpt	Rain gauge precipitation	mm
HgConc	Total mercury	ng/L
HgDep	Subppt*HgConc	ng/m ²

Table A-3. NADP abbreviations and units

Abbrev	Species	Units
Ca	Calcium	mg/L
Mg	Magnesium	mg/L
K	Potassium	mg/L
Na	Sodium	mg/L
NH ₄	Ammonium	mg/L
NO ₃	Nitrate	mg/L
Cl	Chloride	mg/L
SO ₄	Sulfate	mg/L
pH Lab	pH of sample at the lab	pH
pH Field	pH sampled in the field	pH
pH FV	Field validity code (see notes)	
Svol	Volume of sample	mL
RG Ppt	Precipitation from rain gauge	mm
Sub Ppt	Precipitation used by NADP	mm