

# Abbreviations and Chemical Notation

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AMAFCA: Albuquerque Metropolitan Arroyo Flood Control Authority  
API: American Petroleum Institute  
As: arsenic  
AWARDS: Agricultural Water Resources Decision Support System  
BP: before present  
°C: degree Celsius  
Ca: calcium  
CaCO<sub>3</sub>: calcite  
CaMg(CO<sub>3</sub>)<sub>2</sub>: dolomite  
CaSO<sub>4</sub>: anhydrite  
CaSO<sub>4</sub>·2H<sub>2</sub>O: gypsum  
CERCLA: Comprehensive Environmental Response Compensation and Liability Act of 1980 (“Superfund”)  
CFC: chlorofluorocarbon (Freon compounds)  
Cl: chloride  
cm: centimeter  
CO<sub>2</sub>: carbon dioxide  
ET: evapotranspiration  
°F: degree Fahrenheit  
GPS: Global Positioning System  
<sup>1</sup>H: hydrogen  
<sup>2</sup>H: deuterium  
<sup>3</sup>H: tritium  
HCO<sub>3</sub>: bicarbonate  
H<sub>2</sub>O: water  
InSAR: Interferometric Synthetic Aperture Radar  
K: potassium  
LiDAR: Light Detection and Ranging  
Ma: mega-annum (million years before present)  
MCL: maximum contaminant level  
MDWCA: Mutual Domestic Water Consumers Association  
Mg: magnesium  
mg/L: milligrams per liter, approximately equal to parts per million  
mGal: milligal  
mmho: millimho, equivalent to millisiemen  
MRGCD: Middle Rio Grande Conservancy District  
MRGCOG: Middle Rio Grande Council of Governments  
mS: millisiemens, equivalent to millimhos  
µg/L: micrograms per liter, approximately equal to parts per billion  
µS/cm: microsiemens per centimeter  
N: nitrogen  
Na: sodium  
NaCl: halite (sodium chloride or table salt)  
NMBGMR: New Mexico Bureau of Geology and Mineral Resources, formerly NMBMMR  
NMBMMR: New Mexico Bureau of Mines and Mineral Resources, now NMBGMR  
NMED: New Mexico Environment Department  
NMOSE: New Mexico Office of the State Engineer

NO<sub>3</sub>: nitrate  
nT: nanoTesla  
ohm-m: ohm-meter  
ppt: parts per thousand  
pptv: parts per trillion volume  
RCRA: Resource Conservation and Recovery Act of 1976  
S: siemen  
S: sulfur  
SAR: synthetic aperture radar  
SF<sub>6</sub>: sulfur hexafluoride  
SI: International System of Units (metric system)  
SiO<sub>2</sub>: silica (silicon dioxide or quartz)  
SLEUTH: Slope, Land Use, Exclusions, Urban, Transportation, and Hillshade  
SO<sub>4</sub>: sulfate  
SSC: steady-state centrifuge  
SSCAFCA: Southern Sandoval County Arroyo Flood Control Authority  
TDEM: time-domain electromagnetic  
TU: tritium units  
URGWOM: Upper Rio Grande Water Operations Model  
USACE: U.S. Army Corps of Engineers  
USEPA: U.S. Environmental Protection Agency  
USFWS: U.S. Fish and Wildlife Service  
USGS: U.S. Geological Survey  
VOC: volatile organic compound  
WSFO: Weather Service Field Office

## Prefixes for Abbreviations for Multiples and Submultiples

T: tera (10<sup>12</sup>)  
M: mega (10<sup>6</sup>)  
k: kilo (10<sup>3</sup>)  
c: centi (10<sup>-2</sup>)  
m: milli (10<sup>-3</sup>)  
μ: micro (10<sup>-6</sup>)  
n: nano (10<sup>-9</sup>)  
p: pico (10<sup>-12</sup>)