National Atmospheric Deposition Program
National Trends Network (NTN)
Precipitation-weighted mean (PWM) Concentrations
Monthly, Seasonal or Annual Averaging Periods

Field	Data Type	Description
SiteID	Char(4)	Site Identifier
Season	Char(7)	Averaging period Annual: Calendar Year WaterYr: Oct-Sept Winter: Dec. – Feb. Spring: March – May Summer: June – Aug. Fall: Sept – Nov.
Criteria1	Integer	Percentage of the summary period for which there are valid samples.
Criteria2	Integer	Percentage of the summary period for which precipitation amounts are available either from the rain gage or from the sample volume
Criteria3	Integer	Percentage of the total measured precipitation associated with valid samples.
Ca	Decimal	Ca concentration, mg/L
Mg	Decimal	Mg concentration, mg/L
K	Decimal	K concentration, mg/L
Na	Decimal	Na concentration, mg/L
NH4	Decimal	NH4 concentration, mg/L
NO3	Decimal	NO3 concentration, mg/L
Cl	Decimal	Cl concentration, mg/L
SO4	Decimal	SO4 concentration, mg/L
Br	decimal	Br concentration, mg/L
pH	Decimal	negative log of the hydrogen ion concentration as measured at the CAL, in pH units
Conduc	Decimal	Conductivity, uS/cm
svol	Decimal	Total volume, in milliliters, of precipitation collected by the sampler for VALID samples during the summary period.
PPT		Total amount of precipitation, in centimeters, measured by the rain gage during the summary period. This value includes precipitation amounts calculated from the sample volumes in cases where the weekly rain gage measurements were unavailable.

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fullChem		Number of samples used in calculating the laboratory means. Only VALID samples with complete, valid LABORATORY (CAL) analyses and a valid measurement of precipitation amount (from the rain gage or sample volume) are used.
daysSamples		Number of days included in the summary period.
startDate		The beginning date of the first sample included in the summary period
lastDate		The ending date of the last sample included in the summary period