

## National Atmospheric Deposition Program

### National Trends Network (NTN) Weekly Data

Field	Data Type	Description
SiteID	Char(4)	Site Identifier
Labno	Char(8)	Sample Identifier
DateOn	Char(16)	Date on which the sample bucket was installed on the collector, reported in Greenwich Mean Time (GMT)YYYY-MM-DD hh:mm format
DateOff	Char(16)	Date on which the sample bucket was removed from the collector, reported in Greenwich Mean Time (GMT)YYYY-MM-DD hh:mm format
yrMonth	Integer	Year and Month of sample midpoint, in YYYYMM format
pHlab	Decimal	negative log of the hydrogen ion concentration as measured at the CAL, in pH units
conducLab	Decimal	Conductance of the precipitation sample as measured at the CAL, reported in microsiemens per centimeter.
flagCa	Char(1)	Limit of detection symbol (<) for Ca
Ca	Decimal	Ca concentration, mg/L
flagMg	Char(1)	Limit of detection symbol (<) for Mg
Mg	Decimal	Mg concentration, mg/L
flagK	Char(1)	Limit of detection symbol (<) for K
K	Decimal	K concentration, mg/L
flagNa	Char(1)	Limit of detection symbol (<) for Na
Na	Decimal	Na concentration, mg/L
flagNH4	Char(1)	Limit of detection symbol (<) for NH4
NH4	Decimal	NH4 concentration, mg/L
flagNO3	Char(1)	Limit of detection symbol (<) for NO3
NO3	Decimal	NO3 concentration, mg/L
flagCl	Char(1)	Limit of detection symbol (<) for Cl
Cl	Decimal	Cl concentration, mg/L
flagSO4	Char(1)	Limit of detection symbol (<) for SO4
SO4	Decimal	SO4 concentration, mg/L
flagBr	Char(1)	Limit of detection symbol (<) for Br
Br	decimal	Br concentration, mg/L

svol	Decimal	Volume of sample captured in the sample bucket, in ml.
ppt	Decimal	Precipitation amount as measured by the recording rain gage, in mm. Trace amounts are indicated by -7.
subppt	Decimal	Precipitation amount used by NADP in calculating weighted-mean concentrations, depositions and precipitation totals, in mm. In most cases sub_ppt equals the recording raingage reading. Where the raingage reading is missing or invalid, the equivalent depth of the sample volume is used (for this conversion, the area of the sample bucket is 678.9 square centimeters)
valCode	Char(2)	<p>A code which indicates whether a sample is considered valid according to NADP/NTN data validation rules. In the case of a valid sample, the code indicates how the sample is used in calculations of weighted-mean concentrations, depositions and data completeness estimates.</p> <p>0 - invalid sample  t - valid trace sample  d - valid dry collection period  w - valid sample of lab type w  wa - valid sample of lab type wa  wi - valid sample of lab type wi</p> <p>Only samples with valcodes of w, wa and wi are used by NADP/NTN in calculating weighted-mean concentrations and depositions.</p>
inValCode	Char(6)	<p>A series of codes assigned to samples which are considered invalid by NADP/NTN for the purposes of computing weighted-mean concentrations, depositions and data completeness estimates. The codes indicate the reasons for invalidation.</p> <p>b - bulk sample (Collector was open continuously.)  u - undefined sample (Collector was open for &gt; 6 hours and less than the entire sampling interval when no precipitation was occurring.)  f - field protocol departure  c - contaminated sample  v - inadequate volume for analysis  e - extended sampling interval (&gt; 8 days)  l - lab error  i - incomplete chemical analyses  n - no sample collected  p - precipitation amount unknown  x - reasons other than described above</p>
modifiedOn	Char(16)	Date the record was last modified