Acid Rain Data

ELG05

- Variable List -

Disclaimer: This variable list is not a final product but is intended to provide information about the variables in this data set while a codebook is being developed. Due to the ongoing nature of this work, NB-IRDT makes no guarantee that the information herein is complete.

Acid Rain Data

Variable Name	Variable Description	Variable Type
STATION_NAME	Station Id (key into Station Table)	
STATION_ID	Unique station identifier	
LATITUDE	Latitude of the station	
LONGITUDE	Longitude of the station	
LAB_NO	Lab number	
FIELD_NO	Field number assigned by DELG	
FROM_DATE	Sample collection start date	
TO_DATE	Sample collection end date	
WEEK_NO	Week identifier (x of 52 weeks) using TO_DATE column	
YEAR_NO	Sample year using TO_DATE column	
SAMPLE_WT_(g)	Sample weight	
PRECIP_(mm)	Precipitation amount	
CALC_PRECIP	Precipitation amount calculated from sample weight	
EFFIC_(%)	Efficiency (recorded precipitation relative to sample weight)	
LAB_WT_(g)	Lab sample weight	
SUBSTAND	Substituted rain gauge reading	

LSUBSTAND	Tolerance indicator for measurement	
CAD	Cadmium species	
CAD(Units)	Unit in which measured	
LCAD	Tolerance indicator for measurement	
COND	Conductivity measurement	
COND(Units)	Unit in which measured	
LCOND	Tolerance indicator for measurement	
MGD	Magnesium species measurement	
MGD(Units)	Unit in which measured	
LMGD	Tolerance indicator for measurement	
NA	Sodium species measurement	
NA(Units)	Unit in which measured	
LNA	Tolerance indicator for measurement	
NH3T	Ammonia species measurement	
NH3T(Units)	Unit in which measured	
LNH3T	Tolerance indicator for measurement	
NOX	Nitrogen species measurement	
NOX(Units)	Unit in which measured	
LNOX	Tolerance indicator for measurement	
PH	pH measurement	
PH(Units)	Unit in which measured	
LPH	Tolerance indicator for measurement	
POTASS	Potassium measurement	
POTASS(Units)	Unit in which measured	
LPOTASS	Tolerance indicator for measurement	
CLIC	Chloride/ Cl inductive coupled	
CLIC(Units)	Unit in which measured	
LCLIC	Tolerance indicator for measurement	
SO4IC	Sulphate measurement	
SO4IC(Units)	Unit in which measured	

LSO4IC	Tolerance indicator for measurement	
ALKG	Alkalinity Gran's	
ALKG(Units)	Unit in which measured	
ACDG	Acidity	
ACDG(Units)	Unit in which measured	
LACDG	Tolerance indicator for measurement	
LALKT	Tolerance indicator for measurement	
HION	Hydrogen Ion	
HION(Units)	Unit in which measured	
NO3	Nitrate species calculation	
NO3(Units)	Unit in which measured	
HARD	Hardness calculation	
HARD(Units)	Unit in which measured	
LHARD	Tolerance indicator for measurement	
NH4	Ammonium species calculation	
NH4(Units)	Unit in which measured	
ESO4	Excess Sulphate calculation	
ES04(Units)	Unit in which measured	
LESO4	Tolerance indicator for measurement	
VANDIUM	Vanadium	
VANDIUM(Units)	Unit in which measured	
LVANDIUM	Tolerance indicator for measurement	
AL	Aluminum	
AL(Units)	Unit in which measured	
LAL	Tolerance indicator for measurement	
CD	Cadmium	
CD(Units)	Unit in which measured	
LCD	Tolerance indicator for measurement	
PB	Lead	
PB(Units)	Unit in which measured	
LPB	Tolerance indicator for measurement	
IB	Ion balance calculation	
IB(Units)	Unit in which measured	
AS	Arsenic species measurement	

AS(Units)	Unit in which measured	
LAS	Tolerance indicator for measurement	
ONE_EVENT	Single day of precipitation within week	
SMPL_MISS	Precipitation occurred, but sample is missing. Reason - various	
COMMENTS	Comment codes – multiple codes are comma separated. See comments codes table.	

Document History

Version	Author	Nature of Change	Date
1.0	NB-IRDT Staff	Creation of Document	July 2023