

Work Assignment No. 0-24, Task 3: Databases Relevant to the Development of TMDLs in New York State

Database	Description	Sites	New York Sites	Dates	Sampling Frequency	Availability
ADDS	water chemistry	Adirondack lakes	Adirondack lakes	1992-1999	variable (multiple sources)	Environmental Protection Agency, Corvallis, Oregon
AIRSDATA (Aerometric Information Retrieval System) Air Concentration Monitoring	air pollution summary data from main EPA AIRS database for major point sources	nationwide data available	Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, St. Lawrence, Saratoga, Schenectady, Schuyler, Seneca, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, and Yates Counties	1957-Present	variable (national, state, and local agency sources)	http://www.epa.gov/airs/
ALCS (Adirondack Park Land Classification GIS Database)	Adirondack Park Geographic Information CD-ROM: land classification, GIS	400,000 Ha Oswegatchie/Black Watershed	Adirondack Park	revised 1998	N/A	Available on CD ROM
CASTNet (EPA Clean Air Status and Trends Network)	Velan, quote comma-delimited ascii files	80 sites	Claryville, Connecticut Hill, Whiteface Mountain, West Point	1987-1999	weekly	http://www.epa.gov/docs/acidrain/castnet/data.html
Direct/Delayed Response Project (DDRP) data (EPA)	soils, vegetation, lakes; EXCEL spreadsheets converted from SAS files	northeast province and southern blue ridge province	northeast province	1984-1986	N/A	Environmental Protection Agency, Corvallis, Oregon
Eastern Lakes Survey: I (ELS:I) Data	water chemistry, hydrology; EXCEL spreadsheets converted from SAS files	northeast	152 lakes and ponds in Adirondack Park within New York State	1984	N/A (1-4 sample dates per site)	Environmental Protection Agency, Corvallis, Oregon
Eastern Lakes Survey: II (ELS:II) Data	water chemistry, hydrology; EXCEL spreadsheets converted from SAS files	northeast	36 lakes and ponds in Adirondack Park within New York State	1986	N/A (1-4 sample dates per site)	Environmental Protection Agency, Corvallis, Oregon
GLCC (Global Land Cover Characterization)	GIS data of land cover and vegetation types for North America	1-km resolution for North America	1-km resolution	April 1992-March 1993	N/A	http://edcdaac.usgs.gov/glcc/na_int.html
NADP/NTN (National Atmospheric Deposition Program/National Trends Network)	precipitation, concentration, deposition, summary (weighted means)	36 sites, nationwide	Aurora Research Farm, Chautauqua, Huntington Wildlife, St. Lawrence River Valley, Bennett Bridge, Jasper, Biscuit Brook, Whiteface Mountain, West Point	1978-Present	daily(precip) weekly(conc) quarterly(sum)	http://nadp.sws.uiuc.edu/nadpdata/
NAMS/SLAMS (National Air Monitoring System/State and Local Air Monitoring System)	EPA, State, and local agency data	3150 sites - primarily urban, some rural		1979-Present	hourly, Pb&PM10 variable	http://www.epa.gov/cludygxb/programs/namslam.html
New York State Sites	summary data, comma delimited text file	New York State	Albany County	1987-1998	annually	www.dec.state.ny.us/website/dar/baqs/acidrain/data87_88.txt
New York State Sites	annual reports, PDF files	New York State	Albany County	1995-1998	quarterly	www.dec.state.ny.us/website/dar/baqs/acidrain/data.html#reports
NOAA AIRMoN-dry (NOAA Atmospheric Integrated Research Monitoring Network)	Lotus spreadsheet files	14 U.S. sites	Huntington Forest, Whiteface Mountain, West Point	1985-1997	weekly	http://www.arl.noaa.gov/research/projects/airmon_data.html
NOAA AIRMoN-wet (NOAA Atmospheric Integrated Research Monitoring Network)	fixed length, columnar text files	10 sites in eastern U.S.	Tompkins County	1992-Present	weekly	http://nadp.sws.uiuc.edu/airmon/GetAmdata.asp
Northeast Regional Climate Center	tabular data of snowfall	New York State	Ellenburg Depot, Peru, Raybrook, Tupper Lake, Lake Placid, Elizabethtown, Newcomb, Wanakena, Big Moose, Old Forge, Indian Lake, Eagle Bay, North Creek, Glen Falls, Tuscico, Fulton, Broad Alban	?-Present	daily	available in hard copy from the Northeast Regional Climate Center (607) 255-1751
PRISM (Parameter-elevation Regressions on Independent Slopes Model)	GIS data of historic climate conditions, from Oregon State University	nationwide data available		1961-1990	monthly or annually	http://www.ocs.orst.edu/prism/prism_products.html
STATSGO (State Soil Geographic Database)	GIS nationwide data of soil type and properties	nationwide data available		1994	N/A	http://www.ftw.nrcs.usda.gov/stat_data.html
Unites States Geological Survey (USGS) Historical Streamflow Data	tabular data (ascii or excel)	763 sites in New York State	Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, St. Lawrence, Saratoga, Schenectady, Schuyler, Seneca, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, and Yates Counties	varies between sites	daily	http://waterdata.usgs.gov/nwis-w/US/