

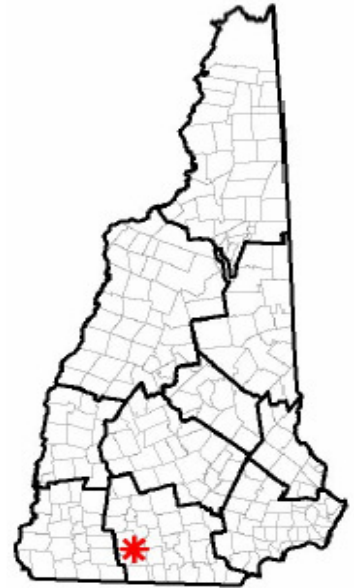
Pack Monadnock Mountain, Peterborough

General Information

AQS ID:	33-011-5001	Latitude:	+42.861901
Town:	Peterborough	Longitude:	-71.878613
Address:	Miller State Park	Elevation (m):	694.6
		Year Est.:	2002
County:	Hillsborough		
Spatial Scale:	Regional		

Site Description

This station is located in an elevated forest environment on the summit of Pack Monadnock Mountain. This stick framed, 15' by 12' structure that houses the air monitoring equipment is historically significant, having been built by the Civilian Conservation Corps. The location of this station is scientifically significant because it is the highest accessible peak that lies directly within the primary air pollution transport corridor into the central part of the state. This allows this site to be the ideal location for improving our understanding of air pollution transport into the heavily populated Merrimack Valley and beyond. The Filter based PM_{2.5} sampler is located on a deck on top of the structure. UNH also monitors numerous parameters from this site.



Pollutants/Parameters

Currently: Ozone – Nitrogen Dioxide – PAMS - PM_{2.5} continuous (TEOM) – Temperature – Wind Speed – Wind Direction – Relative Humidity – Radiation – Precipitation – Barometric Pressure - IMPROVE.
For NCore: PM_{2.5} Continuous and Filter based – IMPROVE – PM Course – Nitrogen Oxides – Ozone – Sulfur Dioxide (trace) – Carbon Monoxide (trace) – Temperature – Wind Speed – Wind Direction – Relative Humidity.

Recent Changes

DES did not make any significant changes to this station during this review period.

Proposed/Planned Changes

Please refer to the Future Plans Section of the Annual Review Plan for specifics on future plans for this station. www.des.nh.gov/organization/commissioner/pip/publications/ard/documents/annual_air_monitoring_rept1.pdf

