

Pack Monadnock Mountain

General Information				
AQS ID:	33-011-5001	Latitude:	42.861901	
Town:	Peterborough	Longitude:	-71.878613	
Address:	Miller State Park	Elevation (m):	694.6	
County:	Hillsborough	Year Est.:	2002	
Spatial Scale:	Regional			
Site Description				
<p>This station is located in an elevated forest environment on the summit of Pack Monadnock Mountain. DES recently renovated this 27' by 10' structure to include many efficiency initiatives. 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 PM2.5 sampler is located on a deck on top of the structure.</p>				
Pollutants/Parameters				
<p>NCORE: PM2.5 Continuous (BAM) - filter based PM2.5 (1 every 3 days) – IMPROVE – PM Course (1 every 3 days) – filter based PM10 (1 every 3 days) – Nitrogen Oxides – Ozone – Sulfur Dioxide (trace) – Carbon Monoxide (trace) – Temperature – Wind Speed – Wind Direction – Relative Humidity.</p>				
Recent Changes				
<p>DES modified the Old State Police Building at the base of the fire tower on Pack Monadnock Mountain to meet NCore monitoring needs. DES started the construction phase for this project during October 2010 and was operational in the new station in November 2011.</p>				
Proposed/Planned Changes				
<p>DES is not planning any significant changes to this station into the foreseeable future.</p>				
				