

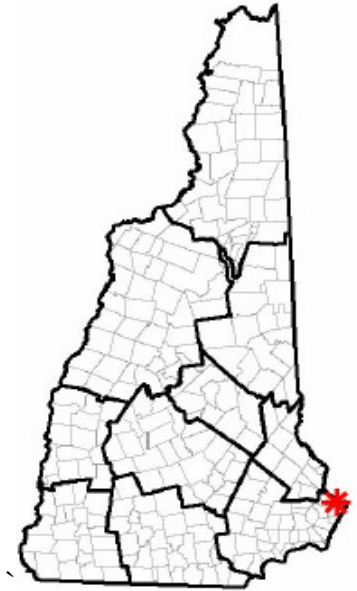
Pierce Island, Portsmouth

General Information

AQS ID:	33-015-0014	Latitude:	+43.075278
Town:	Portsmouth	Longitude:	-70.748056
Address:	Pierce Island	Elevation (m):	4
County:	Rockingham	Year Est.:	2001
Spatial Scale:	Neighborhood		

Site Description

This station is located in an urban commercial/residential area. It is strategically positioned to capture air quality data from the Portsmouth Shipyard (northeast), the urban center of Portsmouth (southwest), the industrialized Piscataqua River (northwest) and ocean fetch-type events (southeast) depending on wind direction. The cedar clad, stick built shelter is approximately 10' wide by 12' long. Filter based PM_{2.5} samplers are located on platforms approximately 8m from the shelter.



Pollutants/Parameters

Ozone – PM_{2.5} Filter Based (one sample every three days) – PM_{2.5} Continuous (TEOM) – PM₁₀ Filter Based (one sample every six days) – Sulfur Dioxide – Temperature – Wind Speed – Wind Direction

Recent Changes

DES replaced the PM_{2.5} TEOM with a PM_{2.5} BAM during January 2010.

Proposed/Planned Changes

DES is planning on initiating PM₁₀ colocation sampling at this station in conjunction with discontinuing PM₁₀ sampling in Manchester.

