



Inventory & Monitoring (I&M)

NORTHEAST TEMPERATE NETWORK (NETN)

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Minute Man National Historical Park



Early fall at a wetland within Minute Man NHP. Rachel James photo.

- [Minute Man NHP Home Page](#)
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- [iNaturalist observations](#)
- [Create a NPSpecies List for the park.](#)


[Click for official park map.](#)

The decade-long political feud between the British government and the American colonists, determined to retain their rights as British subjects, came to a devastating climax as British regulars clashed with colonial militia and minute men on April 19, 1775 at Lexington, Concord's North Bridge and on the long, bloody road back to Boston. The fighting that began that day soon grew into a war for independence that lasted more than eight years. Many years later, Ralph Waldo Emerson used the phrase the shot heard round the world to describe the significance of this event.

Minute Man National Historical Park encompasses 1,038 acres distributed in four distinct units located approximately 15 miles northwest of Boston, Massachusetts. The Concord River flows through the North Bridge Unit, while Route 2A traverses Battle Road Unit. The Wayside Unit preserves a home of authors including the Alcotts and Nathaniel Hawthorne. The Barrett Farm Unit preserves the home of Colonel James Barrett, Commander of the Middlesex Militia. His farm was a key target of the British expedition on April 19th, 1775.

The park supports a variety of habitats. Forests are dominant, covering approximately 500 acres of the park, including about 200 acres of forested wetland. Non-forested wetlands, including several ponds, cover approximately 180 acres. Meadows and fields cover an additional 250 acres, including approximately 100 acres farmed under the park's agricultural leasing program. Shrubland also is present at the park, particularly at the interface of fields and forests. Developed areas, including roads, parking lots, and buildings, cover the remainder of the park.

The goals of NETN's Vital Signs Monitoring in the park include:

1. Determine the status and trends in selected indicators of the condition of park ecosystems to allow managers to make better-informed decisions and to work more effectively with other agencies and individuals for the benefit of park resources.
2. Provide early warning of abnormal conditions of selected resources to help develop effective mitigation measures and reduce costs of management.
3. Provide data to better understand the dynamic nature and condition of park ecosystems and to provide reference points for comparisons with other, altered environments.
4. Provide data to meet certain legal and Congressional mandates related to natural resource protection and visitor enjoyment.
5. Provide a means of measuring progress towards performance goals.

View Park Related Publications by Topic:

Because most protocols address multiple vital signs, the NETN program is organized around protocols, rather than vital signs. The table below shows monitoring and inventory activity for Minute Man NHP, and the relationship between NETN monitoring protocols and inventories to vital signs. The table also provides links for reports, vital signs pages, and outreach materials.

Monitoring Protocols	Monitoring Reports	Inventory Reports	Park Briefs
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Click to expand and contract panels.

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Air Quality	⌵
Breeding Landbirds	⌵
Climate (in development)	⌵
Forest Health	⌵
Invasive Species - Early Detection	⌵
Phenology	⌵
Water Quality	⌵

Park Baseline Inventories:

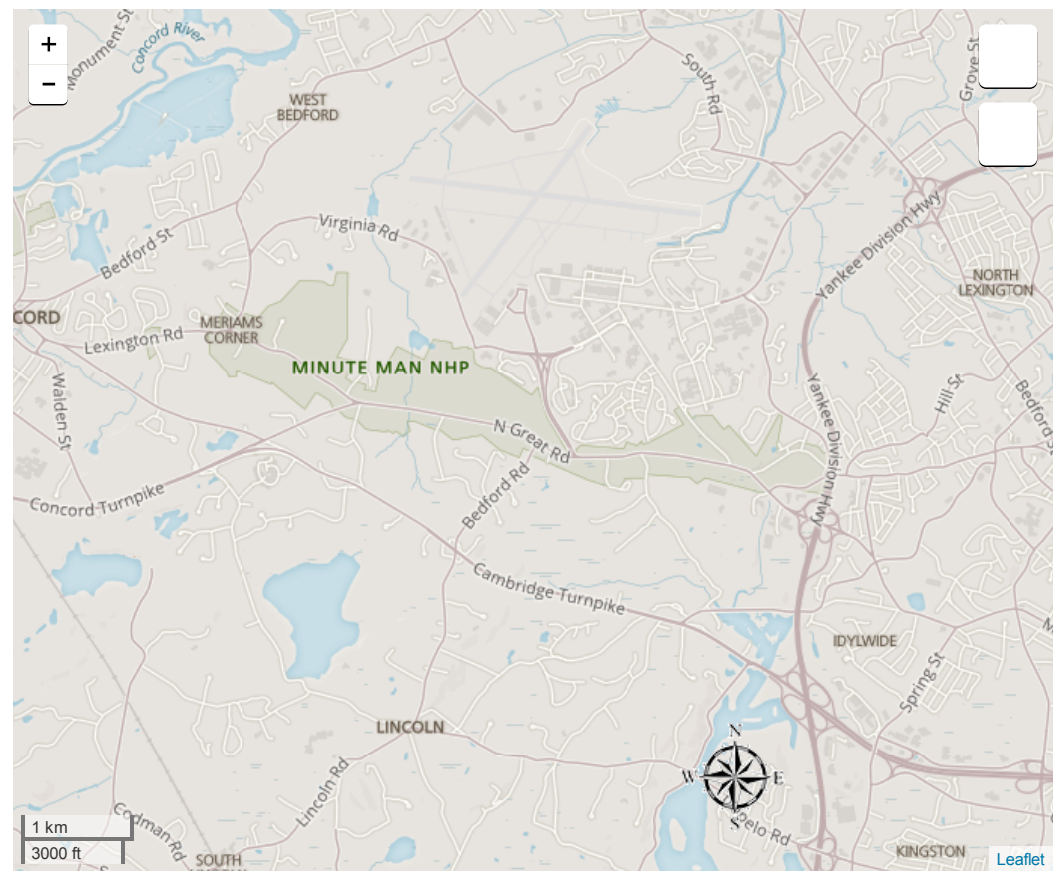
The Inventory and Monitoring Program provides guidance, funding, and technical assistance for parks to complete a set of 12 baseline, or "basic", natural resource inventories. These basic inventories are common to all parks with significant natural resources, and are intended to provide park managers with the minimum information needed to effectively manage the natural resources of their park. For more information, read the [Fact Sheets for each of the inventories \(PDF\)](#) by clicking here or on each individual inventory name.

Baseline Inventories	Complete for Park?	Reports, Documents & Data
Water Quality	Y	Baseline Inventory
Base Cartography	Y	Base Cartography Data Inventory (2001 - 2010)
Air Quality Related Values	Y	Air Quality Monitoring in NETN Parks
Climate Inventory	Y	Weather and Climate Inventory for NETN parks (2006)
Geological Resources Inventory	In progress (map complete 2009, report due 2014+)	Geological Resources Inventory Maps
Soil Resources Inventory	Y	NPS - SRI - Soil Survey Geographic (SSURGO)
Water Body Location and Classification	Y	National Hydrography Dataset Viewer Hydrographic and Impairment Statistics (HIS)
Vegetation Inventory	In progress	Vegetation Map Viewer
Species Lists	Y	IRMA Species Search
Species Occurrence and Distribution	Y	Biological Resources Search on IRMA

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NETN Monitoring Map

Locations are approximate. For informational purposes only.



To open the map in a new window, [click here](#).

Bird observations from eBird (non-NPS)

Minute Man NHP has been set up in eBird as a *birding "hotspot"*. Help the park bolster bird data by adding your bird observations to eBird when you visit the park.

BirdTrax



Sightings
Rarities
Checklists



Near Minute Man NHP

Feb 28-Mar 30 (27 checklists, 73 species)

Yesterday

1	Canada Goose	US-MA-Waltham-901-1049 Winter St - 42.4090x-71.2729	+
3	Greater/Lesser Scaup	US-MA-Waltham-901-1049 Winter St - 42.4090x-71.2729	+
36	Ring-necked Duck	US-MA-Waltham-901-1049 Winter St - 42.4090x-71.2729	+
1	Redhead	US-MA-Waltham-901-1049 Winter St - 42.4090x-71.2729	+

March 28

2	Blue Jay	US-MA-Waltham-901-1049 Winter St - 42.4093x-71.2729	+
1	Red-tailed Hawk	US-MA-Waltham-901-1049 Winter St - 42.4093x-71.2729	+
5	Mute Swan	US-MA-Waltham-901-1049 Winter St - 42.4093x-71.2729	+
2	American Crow	Great Meadows NWR--Concord Unit	+
4	Wood Duck	Great Meadows NWR--Concord Unit	+
2	White-breasted Nuthatch	Great Meadows NWR--Concord Unit	+
2	Tufted Titmouse	Great Meadows NWR--Concord Unit	+
9	Tree Swallow	Great Meadows NWR--Concord Unit	+
1	Swamp Sparrow	Great Meadows NWR--Concord Unit	+
7	Song Sparrow	Great Meadows NWR--Concord Unit	+
1	Rock Pigeon	Great Meadows NWR--Concord Unit	+


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Species observations from iNaturalist (non-NPS)

 [Learn how you can contribute to iNaturalist](#)

 [View Minute Man NHP data on iNaturalist website](#)

[Browse](#)

Search for species

☐ Threatened

Powered by [iNaturalist.org](#)

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I

[Rock Pigeon \(*Columba livia*\) Info](#)

 **pnorton**, 1st observer

CC

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[Eastern Gray Squirrel \(*Sciurus carolinensis*\) Info](#)

 **biogeek5**, 1st observer

CC

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[Common St John's Wort \(*Hypericum perforatum*\) Info](#)

 **musesrealm**, 1st observer

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[Purple Loosestrife \(*Lythrum salicaria*\) Info](#)

 **musesrealm**, 1st observer

M0J0J0A1S0O0N0D
(*Climacodon septentrionale*) Info

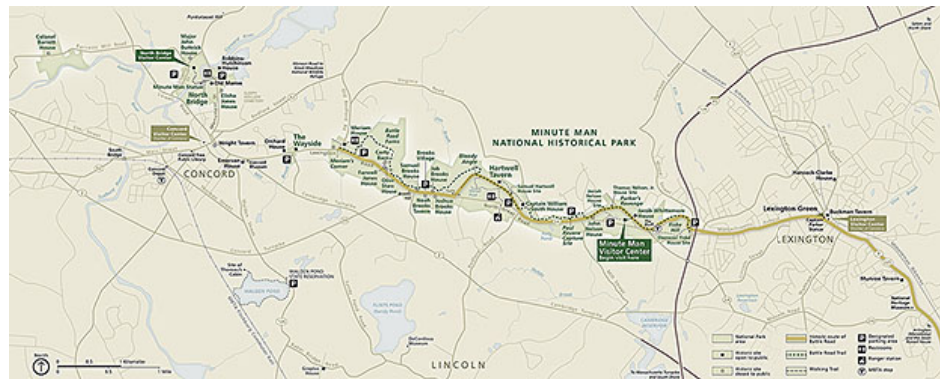
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hennanti) Info

 **musesrealm**, 1st observer

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NPS Map of the Park



Disclaimer (<https://www.nps.gov/npm/disclaimer/>) | This map is a graphical representation designed for general reference purposes only.



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