



Inventory & Monitoring (I&M)

NORTHEAST TEMPERATE NETWORK (NETN)

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NHP

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Saugus Iron Works National Historic Site

View from along the trail in the historic area of the park.
NPS photo.

- Saugus Iron Works NHS Home Page
- Park monitoring map
- eBird eBird observations
- iNaturalist observations
- Create a NPSpecies List for the park.



Click for official park map.

Saugus Iron Works is a reconstruction of the first successful, integrated iron works in the New World. It produced wrought iron and cast iron products from 1646 to approximately 1670, utilizing the most advanced iron making technology in early Colonial times. On April 5th, 1968 the site was renamed Saugus Iron Works National Historic Site and became part of the National Park System because of its significance to the character, development and history of the United States.

The historic structures of the Iron Works are nestled along the banks of the Saugus River, an important natural resource for newly-settled families and workers to the area during the 17th century. The Saugus River and Turning Basin are fundamental features of the historic landscape. The tidally influenced river is a natural resource for the wide variety of plants, animals, and other organisms that depend on the river, riparian woodlands, and surrounding marshes as an important habitat.

Saugus Iron Works National Historic Site has high biodiversity. The site contains over two hundred species of plants, 74 species of birds, 11 species of mammals, 4 species of reptiles and amphibians, and at least 11 species of fish. Despite its small size, the park supports numerous and interesting species that can be seen by visitors.

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 drop-down lists below show monitoring and inventory activity, as well as all park briefs for

Saugus Iron Works NHS. The protocol drop-downs also show the relative vital signs that are addressed by each protocol.

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)	⌵
Invasive Species - Early Detection	⌵
Phenology	⌵
Salt Marsh & Estuarine (in development)	⌵
Water Quality	⌵

Park Baseline Inventories:

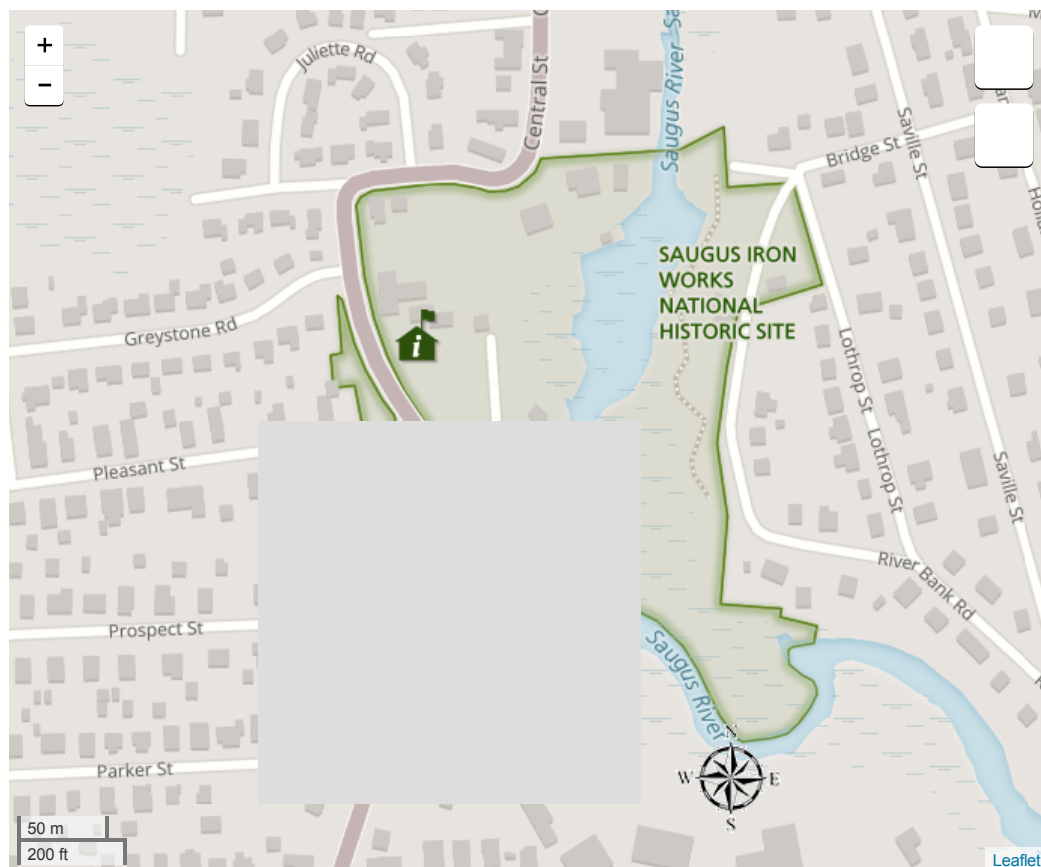
The Inventory and Monitoring Program provides guidance, funding, and technical assistance for parks to complete a set of 12 baseline, or "basic", natural resource inventories. These basic inventories are common to all parks with significant natural resources, and are intended to provide park managers 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 2011, report due 2013+)	Geological Resources Inventory
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	Y	Vegetation Inventory Project
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)

Saugus Iron Works NHS has been set up in eBird as a *birding "hotspot"*. Help the park bolster bird data by adding your bird observations to eBird the next time you visit.

BirdTrax



Sightings
Rarities
Checklists



Near Saugus Iron Works NHS

Feb 28-Mar 30 (31 checklists, 93 species)

Yesterday

25	Canada Goose	Flax Pond, Lynn	+
1	American Coot	Flax Pond, Lynn	+
2	Ring-necked Duck	Flax Pond, Lynn	+
1	Mallard	Flax Pond, Lynn	+
X	gull sp.	Flax Pond, Lynn	+
3	Double-crested Cormorant	Flax Pond, Lynn	+
10	Common Merganser	Flax Pond, Lynn	+
4	Common Grackle	Flax Pond, Lynn	+
2	American Black Duck	Bear Creek Sanctuary (restricted access)	+
3	Wilson's Snipe	Bear Creek Sanctuary (restricted access)	+
2	Song Sparrow	Bear Creek Sanctuary (restricted access)	+
1	Smith's Longspur	Bear Creek Sanctuary (restricted access)	+
3	Short-eared Owl	Bear Creek Sanctuary (restricted access)	+
1	Savannah Sparrow	Bear Creek Sanctuary (restricted access)	+
3	Rock Pigeon	Bear Creek Sanctuary (restricted access)	+


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Species observations from iNaturalist (non-NPS)

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

 [View Saugus Iron Works NHS data on iNaturalist website](#)

[Browse](#)

Search for species

Search

Colors

Establishment

☐ Threatened

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No species have been listed for this place yet!

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NPS Map of the Park





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