

## Introduction to the NEON Candidate Core sites

This document lists the NEON candidate core wildland sites as of February 2009. It describes to the community where the sites are located so that scientists and educators can identify future research and educational opportunities. As we progress in NEON design and development, we want the community of interested persons to have easy access to the location and status of our candidate field sites and other aspects of the NEON design, as detailed in other, forthcoming information releases.

Most of the sites have considerable information available online about the local environment, existing facilities and ongoing research for scientists and educators interested in working at specific sites. The sites are readily explored using online resources. Latitude and Longitude are provided for the approximate location of NEON core measurements so the sites can be explored using Google Earth and other geospatial information resources.

Analysis at each candidate site is ongoing to determine environmental and other compliance issues, and to analyze cost and logistical issues for final NSF review of plans. Final site selection will be confirmed following completion of environmental compliance analysis and required NSF design reviews of NEON plans.

### NEON Candidate Core Sites

NEON Domain Number	Domain Name	Candidate Core Wildland Site	Latitude (N)	Longitude (W)
1	Northeast	The Harvard Forest: A base for research and education in forest biology.	42.4	72.3
2	Mid-Atlantic	Smithsonian Conservation Research Center: Front Royal Campus of the Smithsonian Institution.	38.9	78.2
3	Southeast	Ordway-Swisher Biological Station: a research, teaching and extension facility of the University of Florida.	29.7	82.0
4	Atlantic Neo-Tropical	Guánica State Forest: The Man in the Biosphere Guánica Biosphere Reserve.	18.0	66.8
5	Great Lakes	University of Notre Dame Environmental Research Center and Trout Lake Biological Station.	46.2	89.5
6	Prairie Peninsula	Kansas State University: Konza Prairie Biological Station.	39.1	96.6
7	Appalachian Cumberland	Oak Ridge National Environmental Research Park (Oak Ridge National	35.6	84.2

	Plateau	Laboratory).		
8	Ozarks Complex	USFS Southern Region: Talladega National Forest.	32.9	87.4
9	Northern Plains	USGS Northern Prairie Wildlife Research Center Woodworth Field Station.	47.1	99.3
10	Central Plains	The Shortgrass Steppe Research and Interpretation Center (CSU): Central Plains Experimental Range.	40.8	104.7
11	Southern Plains	Caddo - LBJ National Grasslands.	33.4	97.6
12	Northern Rockies	US Park Service, Yellowstone National Park (Yellowstone Northern Range).	45.1	110.7
13	Southern Rockies	The University of Colorado Mountain Research Center: Niwot Ridge.	40.0	105.6
14	Desert Southwest	University of Arizona College of Agriculture: Santa Rita Experimental Range.	31.8	110.9
15	Great Basin	USFS-BLM Onaqui-Benmore site.	40.2	112.5
16	Pacific Northwest	USFS Pacific Northwest Research Station: Wind River Experimental Forest.	45.8	121.9
17	Pacific Southwest	USFS Pacific Southwest Research Station: Kings River Experimental Watershed and San Joaquin Experimental Range.	37.1	119.7
18	Tundra	The University of Alaska-Fairbanks: Toolik Lake Research Natural Area and Toolik Lake Field Station.	68.6	149.6
19	Taiga	University of Alaska-Fairbanks: Caribou-Poker Creeks Research Watershed.	65.2	147.5
20	Pacific Tropical	USFS Pacific Southwest Research Station: Laupahoehoe Wet Forest Unit.	19.9	155.3