

# Program Summary

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## 11113300 New Hampshire Dept. of Environmental Services

**Organizational Program** Ambient River Monitoring Program (ARMP)  
Chemical, physical, and bacteriological river quality sampling program (annual - typically June, July, and August).

<b>Project</b>	ARMP1990	Ambient River Monitoring Program (ARMP) - 1990
<b>Project</b>	ARMP1991	Ambient River Monitoring Program (ARMP) - 1991
<b>Project</b>	ARMP1992	Ambient River Monitoring Program (ARMP) - 1992
<b>Project</b>	ARMP1993	Ambient River Monitoring Program (ARMP) - 1993
<b>Project</b>	ARMP1994	Ambient River Monitoring Program (ARMP) - 1994
<b>Project</b>	ARMP1995	Ambient River Monitoring Program (ARMP) - 1995
<b>Project</b>	ARMP1996	Ambient River Monitoring Program (ARMP) - 1996
<b>Project</b>	ARMP1997	Ambient River Monitoring Program (ARMP) - 1997
<b>Project</b>	ARMP1998	Ambient River Monitoring Program (ARMP) - 1998
<b>Project</b>	ARMP1999	Ambient River Monitoring Program (ARMP) - 1999
<b>Project</b>	ARMP2000	Ambient River Monitoring Program (ARMP) - 2000
<b>Project</b>	ARMP2001	Ambient River Monitoring Program (ARMP) - 2001
<b>Project</b>	ARMP2002	Ambient River Monitoring Program (ARMP) - 2002
<b>Project</b>	ARMP2003	Ambient River Monitoring Program (ARMP) - 2003
<b>Project</b>	ARMP2004	Ambient River Monitoring Program (ARMP) - 2004

**Organizational Program** New Hampshire Public Beach Inspection Program  
To inspect and monitor water quality at public beaches throughout the state in order to protect public health. To ensure bacteria levels at public beaches are below state standards for recreational waters.

<b>Project</b>	BEACH	NH Public Beach Inspection Program
<b>Project</b>	NH002047	Seabrook Harbor Beach
<b>Project</b>	NH002057	Star Island Beach
<b>Project</b>	NH020071	Bass Beach
<b>Project</b>	NH020072	Foss Beach
<b>Project</b>	NH020073	Northside Park
<b>Project</b>	NH024533	Wallis Sands SP
<b>Project</b>	NH162567	Cable Beach
<b>Project</b>	NH173720	Hampton Beach SP
<b>Project</b>	NH356646	State Beach
<b>Project</b>	NH420349	Jeness Beach SP
<b>Project</b>	NH449191	New Castle TB
<b>Project</b>	NH700723	Pirates Cove Beach
<b>Project</b>	NH804394	North Beach
<b>Project</b>	NH880010	Sawyer Beach
<b>Project</b>	NH905440	Seabrook TB

**Organizational Program** Volunteer River Assessment Program (VRAP)  
Chemical, physical, and bacteriological river quality sampling conducted by trained volunteers using New Hampshire Department of Environmental Services equipment and EPA approved protocols (annual - typically June, July, and August).

<b>Project</b>	VRAP1998	Volunteer River Assessment Program (VRAP) - 1998
<b>Project</b>	VRAP1999	Volunteer River Assessment Program (VRAP) - 1999
<b>Project</b>	VRAP2000	Volunteer River Assessment Program (VRAP) - 2000
<b>Project</b>	VRAP2001	Volunteer River Assessment Program (VRAP) - 2001
<b>Project</b>	VRAP2002	Volunteer River Assessment Program (VRAP) - 2002
<b>Project</b>	VRAP2003	Volunteer River Assessment Program (VRAP) - 2003
<b>Project</b>	VRAP2004	Volunteer River Assessment Program (VRAP) - 2004

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**New Hampshire Dept. of Environmental Services**

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### 1117MBR US EPA Region 7

<b>Organizational Program</b>	Ambient Surface Water Monitoring (streams, lakes, wetlands)	
	Physical, chemical and biological sampling of surface water bodies functioning as natural systems for fish, wildlife or human use (recreational or sources for drinking, industrial or agricultural use). Purposes for collecting the data include: development of biological criteria and indices, development of water quality criteria, monitoring of status and trends in water quality and monitoring the effects of point or non-point source discharges.	
<b>Project</b>	GWCNM	George Washington Carver National Monument
<b>Project</b>	WTLND	Wetland Data Test
<hr/>		
<b>Organizational Program</b>	Monitoring Associated with Point Source Discharges	
	Water, sediment or biological samples taken from waterbodies (streams, lakes, wetlands) upstream and downstream of point source discharges normally associated with an NPDES permitted discharge.	
<b>Project</b>	None	
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<b>Organizational Program</b>	Region 7 Ambient Fish Tissue (RAFT) Monitoring Program	
	The Region 7 Ambient Fish Tissue (RAFT) Monitoring Program has been operating since 1980. Fish are collected and the tissue analyzed for selected metals and pesticides to monitor trends and to monitor the status of areas of concern for human consumption of fish tissue. The trend samples are taken from fixed stations in lakes and streams in EPA, Region 7 (IA, KS, MO, NE). The status samples are taken from sites where a pollutant or pollutants of concern have the potential to be elevated over background levels due to a known or suspected source of pollution.	
<b>Project</b>	RAFT-FOL	Regional Ambient Fish Tissue (RAFT) Monitoring - Follow-Up
<b>Project</b>	RAFT-ST	Regional Ambient Fish Tissue (RAFT) Monitoring - Status
<b>Project</b>	RAFT-TR	Regional Ambient Fish Tissue (RAFT) Monitoring - Trends
<hr/>		
<b>Organizational Program</b>	Regional Environmental Monitoring & Assessment Prog (R-EMAP)	
	R-EMAP is the Region 7 component of the National EMAP program for monitoring the status and trends in the trends of our Nation's ecological resources. Using a probability based monitoring design, water, sediment, fish tissue and habitat data has been collected since 1994 through state projects in Kansas, Missouri and Nebraska and beginning in 2001 in Iowa. The probability-based monitoring design draws random samples from a population to develop estimates of the condition of that population with a known degree of statistical confidence. The purposes of this R-EMAP project were to determine the status of the health, or quality, of the stream fisheries within the EPA, Region 7 area (IA, KS, MO & NE) and to establish baseline data and methods which could be used to assess long-term trends in the health of stream fisheries throughout the Region.	
<b>Project</b>	00ECF04N	Nebraska R-EMAP 2000
<b>Project</b>	00ECF10K	Kansas R-EMAP 2000
<b>Project</b>	01ECF01K	Kansas R-EMAP 2001
<b>Project</b>	01ECF01N	Nebraska R-EMAP 2001
<b>Project</b>	98ECF02N	Nebraska R-EMAP 1998
<b>Project</b>	99ECF03N	Nebraska R-EMAP 1999

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**1119USBR**

**Bureau of Reclamation**

**Organizational Program** Water Quality Monitoring Pacific Northwest

**Project** WQDATA Water Quality Data

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### 11DELMOD Delaware River Basin Commission

**Organizational Program** Lower Non-Tidal Delaware River Monitoring Program  
Ambient water quality monitoring for the Delaware River and tributary boundary control points between the Delaware Water Gap and Trenton, NJ.

**Project** LOWDEL Lower Non-Tidal Delaware River Monitoring Program

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**Organizational Program** Scenic Rivers Monitoring Program - DEWA  
Ambient water quality monitoring of the Delaware River and tributary boundary control points for the Middle Delaware Scenic and Recreational River corridor in the Delaware Water Gap National Recreation Area (DEWA). Area extends from Port Jervis, NY to the Delaware Water Gap. Jointly run by the DRBC and National Park Service.

**Project** None

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**Organizational Program** Scenic Rivers Monitoring Program - UPDE  
Ambient water quality monitoring of the Delaware River and tributary boundary control points in the Upper Delaware Scenic and Recreational River corridor (UPDE), from the East and West Branch Delaware River in Hancock, NY to Port Jervis, NY. Jointly run by the DRBC and the National Park Service.

**Project** None

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### 11NPSWRD

### National Park Service

#### Organizational Program Abraham Lincoln Birthplace National Historic Site

A cabin, symbolic of the one in which Lincoln was born, is preserved in a memorial building at the site of his birth.

Established as Abraham Lincoln National Park July 17, 1916; transferred from War Dept. Aug. 10, 1933; redesignated a national historical park Aug. 11, 1939; renamed and redesignated Sept. 8, 1959. Boundary changes: May 27, 1949; April 11, 1972; Nov. 6, 1998. Acreage--336.50 Federal: 116.50 Nonfederal: 220.

#### Contact:

Abraham Lincoln Birthplace  
National Historic Site  
2995 Lincoln Farm Road  
Hodgenville, KY 42748-9707  
502-358-3137

#### For Additional Information:

[www.nps.gov/abli](http://www.nps.gov/abli)

<b>Project</b>	ABLI0001	Monitoring of Sinking Spring by the Kentucky DEP
<b>Project</b>	ABLI0002	William Werrell's 25 May 1994 Trip Report on file at NPS-WRD
<b>Project</b>	ABLI0003	USGS National Uranium Resource Evaluation Data

#### Organizational Program Acadia National Park

The sea sets the mood here, uniting the rugged coastal area of Mount Desert Island, picturesque Schoodic Peninsula on the mainland, and the spectacular cliffs of Isle au Haut. Proclaimed Sieur de Monts National Monument July 8, 1916; established as Lafayette National Park Feb. 26, 1919; renamed Acadia National Park Jan. 19, 1929. Boundary changes: Jan. 19, 1929; May 23, 1930; May 29, 1935; Aug. 24, 1935; June 6, 1942; Dec. 22, 1944; July 30, 1947; Sept. 7, 1949; Aug. 1, 1950; July 24, 1956; Oct. 3, 1966; March 4, 1968; March 12, 1968; Oct. 15, 1982. Permanent boundary established May 1986. Acreage--47,737.78 Federal: 45,822.90 Nonfederal: 1,914.88.

#### Contact:

Acadia National Park  
P.O. Box 177  
Bar Harbor, ME 04609-0177  
207-288-3338

#### For Additional Information:

[www.nps.gov/acad](http://www.nps.gov/acad)

<b>Project</b>	ACAD0001	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-01
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#### Organizational Program Adams National Historical Park

This was the home of Presidents John Adams and John Quincy Adams, of U.S. Minister to Great Britain Charles Francis Adams, and of the writers and historians Henry Adams and Brooks Adams. The park also includes the birthplaces of the two presidents and the United First Parish Church.

Designated Adams Mansion National Historic Site Dec. 9, 1946; renamed Nov. 26, 1952; redesignated Nov. 2, 1998. Boundary changes: Nov. 26, 1952; April 11, 1972; Nov. 10, 1978; Nov. 2, 1998.

Acreage--13.82 Federal: 9.17 Nonfederal: 4.65.

#### Contact:

Adams  
National Historical Park  
P.O. Box 531  
135 Adams Street  
Quincy, MA 02269-0531

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## National Park Service

617-773-1177

For Additional Information:  
[www.nps.gov/adam](http://www.nps.gov/adam)

**Project** None

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### Organizational Program Agate Fossil Beds National Monument

This park was originally a working cattle ranch owned by Capt. James Cook and known as Agate Springs Ranch. The park features renowned quarries that contain numerous, well preserved mammal fossils from the Miocene Epoch; these represent an important chapter in the evolution of mammals. The park's museum collection also contains more than 500 artifacts from the Cook Collection of Plains Indian artifacts.  
Authorized June 5, 1965; established June 14, 1997.  
Acreage--3,055.22 Federal: 2,737.52 Nonfederal: 317.70.

Contact:  
Agate Fossil Beds  
National Monument  
301 River Road  
P.O. Box 27  
Harrison, NE 69346-2734  
308-668-2211

For Additional Information:  
[www.nps.gov/agfo](http://www.nps.gov/agfo)

**Project** AGFO0001 Macroinvertebrate Assemblages in Great Plains Parks-1  
**Project** AGFO0002 Survey of Geology and Ground-Water Resources

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### Organizational Program Alagnak Wild River

The Alagnak River flows from Kukaklek Lake in Katmai National Preserve and offers 69 miles of outstanding whitewater floating. The river is also noted for abundant wildlife and sport fishing for five species of salmon.  
Established Dec. 2, 1980. Length: 69 miles.  
Acreage--30,745.25 Federal: 26,346 Nonfederal: 4,309.25

Contact:  
Alagnak Wild River  
c/o Katmai National Park  
and Preserve, P.O. Box 7  
King Salmon, AK 99613-0007  
907-246-3305

For Additional Information:  
[www.nps.gov/alag](http://www.nps.gov/alag)

**Project** ALAG0001 Baseline Hydrocarbon Study Interim Report by USFWS -  
1997-1

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### Organizational Program Alibates Flint Quarries National Monument

For thousands of years, people came to the red bluffs above the Canadian River to dig agatized dolomite from quarries to make projectile points, knives, and other tools.  
Authorized as Alibates Flint Quarries and Texas Panhandle Pueblo Culture National Monument Aug. 21, 1965; renamed Nov. 10, 1978. Boundary change: Nov. 10, 1978.  
Acreage--1,370.97 Federal: 1,079.23 Nonfederal: 291.74.

Contact:  
Alibates Flint Quarries  
National Monument  
c/o Lake Meredith

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## National Park Service

National Recreation Area  
P.O. Box 1460  
Fritch, TX 79036-1460  
806-857-3151

For Additional Information:  
[www.nps.gov/alfl](http://www.nps.gov/alfl)

**Project** None

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### Organizational Program Allegheny Portage Railroad National Historic Site

Traces of the first railroad crossing of the Allegheny Mountains can still be seen here. An inclined plane railroad, it permitted transportation of passengers and freight over the mountains, providing a critical link in the Pennsylvania Mainline Canal system and with the West. Built between 1831 and 1834, it was abandoned by 1857. Authorized Aug. 31, 1964. Boundary change: Nov. 10, 1978. Acreage--1,249.20 Federal: 1,225.08 Nonfederal: 24.12.

Contact:  
Allegheny Portage Railroad  
National Historic Site  
P.O. Box 189  
Cresson, PA 16630-0189  
814-886-6100

For Additional Information:  
[www.nps.gov/alpo](http://www.nps.gov/alpo)

**Project** ALPO0001 USGS National Uranium Resource Evaluation Data-01  
**Project** ALPO0002 Aquatic Resources of the Allegheny Portage Railroad NHS  
**Project** ALPO0003 WQ and Acid Mine Drainage in the Little Conemaugh R.-1995-1

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### Organizational Program American Memorial Park

This site on the island of Saipan in the Northern Mariana Islands was created as a living memorial honoring the sacrifices made during the Marianas Campaign of World War II. Recreational facilities, a World War II museum, and flag monument keep alive the memory of over 4,000 U.S. military personnel and local islanders who died in June 1944. Authorized Aug. 18, 1978. Acreage--133, all nonfederal.

Contact:  
American Memorial Park  
P.O. Box 5189 CHRB  
Saipan, MP 96950

For Additional Information:  
[www.nps.gov/amme](http://www.nps.gov/amme)

**Project** None

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### Organizational Program Amistad National Recreation Area

Boating, watersports, and camping highlight activities at the Amistad Reservoir on the Rio Grande. Administered under cooperative agreement with the International Boundary and Water Commission as Amistad Recreation Area, Nov. 11, 1965; authorized as a national recreation area Nov. 28, 1990. Acreage--58,500 Federal: 57,292.44 Nonfederal: 1,207.56.



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### National Park Service

Contact:  
Amistad  
National Recreation Area  
HCR 3, Box 5-J  
Del Rio, TX 78840-9350  
830-775-7491

For Additional Information:  
[www.nps.gov/amis](http://www.nps.gov/amis)

**Project** AMIS0001 Pathogenic Naegleria fowleri & Thermotolerant Amebas  
Sur.-02

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### Organizational Program Andersonville National Historic Site

This Civil War prisoner-of-war camp commemorates the sacrifices by American prisoners not only in the 1861-65 conflict but in all wars. The prison site is partially reconstructed. Includes National Prisoner of War Museum and Andersonville National Cemetery (16,000 interments, 1,004 unidentified).  
Authorized Oct. 16, 1970.  
Acreage--494.61 Federal: 480.88 Nonfederal: 13.73.

Contact:  
Andersonville  
National Historic Site  
Route 1, Box 800  
Andersonville, GA 31711-  
9707  
912-924-0343

For Additional Information:  
[www.nps.gov/ande](http://www.nps.gov/ande)

**Project** None

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### Organizational Program Andrew Johnson National Historic Site

The site includes two homes, the tailor shop, and the burial place of the 17th President. Authorized as a national monument Aug. 29, 1935; redesignated Dec. 11, 1963. Boundary change: Dec. 11, 1963.  
Acreage--16.68, all federal.

Contact:  
Andrew Johnson  
National Historic Site  
P.O. Box 1088  
Greeneville, TN 37744-1088  
423-639-3711

For Additional Information:  
[www.nps.gov/anjo](http://www.nps.gov/anjo)

**Project** None

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### Organizational Program Aniakchak National Monument and Aniakchak National Preserve

The Aniakchak Caldera, covering some 30 square miles, is one of the great dry calderas in the world. Located in the volcanically active Aleutian Mountains, the Aniakchak last erupted in 1931. The crater includes lava flows, cinder cones, and explosion pits, as well as Surprise Lake, source of the Aniakchak River, which cascades through a 1,500-foot gash in the crater wall. NO FEDERAL FACILITIES.  
Proclaimed Aniakchak National Monument Dec. 1, 1978; established as a national monument and national preserve Dec. 2, 1980.  
Acreage--National monument: 137,176, all federal. National preserve: 465,603 Federal:

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## National Park Service

439,863 Nonfederal: 25,740.

Contact:  
Aniakchak  
National Monument and  
Aniakchak  
National Preserve  
P.O. Box 7  
King Salmon, AK 99613-0007  
907-246-3305

For Additional Information:  
[www.nps.gov/ania](http://www.nps.gov/ania)

**Project** ANIA0001 Baseline Inventory of the Aquatic Resources of  
Aniakchak-1

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### Organizational Program

Antietam National Battlefield

Gen. Robert E. Lee's first invasion of the North was ended on this battlefield in 1862. Antietam (Sharpsburg) National Cemetery-5,032 interments, 1,836 unidentified-adjoins the park; grave space is not available.

Park: Established as a national battlefield site Aug. 30, 1890; transferred from War Dept. Aug. 10, 1933; redesignated Nov. 10, 1978. Boundary changes: May 14, 1940; April 22, 1960; May 31, 1963; Nov. 10, 1978.

Cemetery: Probable date of Civil War interments 1862. Placed under War Dept. July 14, 1870; transferred from War Dept. Aug. 10, 1933.

Park acreage-3,255.89 Federal: 2,393.20 Nonfederal: 862.69. Cemetery acreage: 11.36, all federal.

Contact:  
Antietam  
National Battlefield  
Box 158  
Sharpsburg, MD 21782-0158  
301-432-5124

For Additional Information:  
[www.nps.gov/anti](http://www.nps.gov/anti)

**Project** ANTI0001 Surface Water Quality Monitoring Plan Antietam NB, Feb.  
1987

**Project** ANTI0002 USGS National Uranium Resource Evaluation Data-02

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### Organizational Program

Apostle Islands National Lakeshore

Twenty-one picturesque islands and a 12-mile strip of mainland shoreline along the south shore of Lake Superior feature sandstone cliffs, sea caves, pristine beaches, old growth forest, commercial fish camps, and six historic light stations.

Established Sept. 26, 1970.

Acreage--69,371.89 Federal: 42,160.65 Nonfederal: 27,211.24. Land area: 42,265.13.

Contact:  
Apostle Islands  
National Lakeshore  
Route 1, Box 4  
Bayfield, WI 54814-9599  
715-779-3397

For Additional Information:  
[www.nps.gov/apis](http://www.nps.gov/apis)

**Project** APIS0001 Lake Superior Food Web by Mich. Tech. Univ. - 1997

APIS0002 Water Resources of the Apostle Islands N.L. by USGS

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### National Park Service

**Project**

**Project** APIS0003 Water Resources of the Apostle Islands N.L. by U.W.-  
Superior

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**Organizational Program** Appalachian National Scenic Trail

Approximately 2,000 miles of this scenic trail follow the Appalachian Mountains from Mt. Katahdin, Maine, through New Hampshire, Vermont, Massachusetts, Connecticut, New York, New Jersey, Pennsylvania, Maryland, West Virginia, Virginia, Tennessee, and North Carolina, to Springer Mountain, Georgia. The trail is one of the two initial components of the National Trails System.

Established Oct. 2, 1968. Length: 2,144 miles.

Acreage--213,548.36 Federal: 155,915.93 Nonfederal: 57,632.43.

**Contact:**

Appalachian  
National Scenic Trail  
NPS Project Office  
c/o Harpers Ferry Center  
P.O. Box 50  
Harpers Ferry, WV 25425-0050  
304-535-6278

For Additional Information:

[www.nps.gov/aptr](http://www.nps.gov/aptr)

**Project** None

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**Organizational Program** Appomattox Court House National Historical Park

Here on April 9, 1865, Gen. Robert E. Lee surrendered the Confederacy's most successful field army to Lt. Gen. Ulysses S. Grant, and the United States was reunited.

Authorized as Appomattox Battlefield Site June 18, 1930; transferred from War Dept. Aug. 10, 1933; authorized as a national historical monument Aug. 13, 1935; redesignated April 15, 1954. Boundary changes: Feb. 23, 1939; Oct. 21, 1976; Dec. 3, 1980; Oct. 27, 1992.

Acreage--1,774.74 Federal: 1,679.80 Nonfederal: 94.94.

**Contact:**

Appomattox Court House  
National Historical Park  
P.O. Box 218  
Appomattox, VA 24522-0218  
804-352-8987

For Additional Information:

[www.nps.gov/apco](http://www.nps.gov/apco)

**Project** APCO0001 USGS National Uranium Resource Evaluation Data-03

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**Organizational Program** Arches National Park

This park contains extraordinary products of erosion in the form of some 2,000 arches, windows, pinnacles, and pedestals.

Proclaimed a national monument April 12, 1929; redesignated Nov. 12, 1971. Boundary changes: Nov. 25, 1938; July 22, 1960; Jan. 20, 1969; Oct. 30, 1998.

Acreage--79,978.98 Federal: 76,673.01 Nonfederal: 3,305.97.

**Contact:**

Arches National Park  
P.O. Box 907  
Moab, UT 84532-0907  
435-259-8161

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### National Park Service

For Additional Information:  
[www.nps.gov/arch](http://www.nps.gov/arch)

<b>Project</b>	ARCH0001	Fish, Invertebrates, and Algae Survey in Salt Wash - 1979
<b>Project</b>	ARCH0002	Arches and Canyonlands National Park Aquatic Study - 1983-1
<b>Project</b>	ARCH0003	Chemical Analysis of Selected Pothole Water Sources - 1993-1
<b>Project</b>	ARCH0004	Monitoring in Response to Proposed Nuclear Waste Reposit.-1
<b>Project</b>	ARCH0005	USGS National Uranium Resource Evaluation Data-04
<b>Project</b>	ARCH0006	Chemical and Biotic Survey of Salt Wash - Aug. 1988
<b>Project</b>	ARCH0007	Hydrogeologic Feasibility of Developing Groundwater Supp.-1

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#### Organizational Program

Arkansas Post National Memorial

The park commemorates key events that occurred on site and in the vicinity: the first semi-permanent European settlement in the Lower Mississippi Valley (1686); a Revolutionary War skirmish (1783); the first territorial capital of Arkansas (1819-1821); and the civil war Battle of Arkansas Post (1863).

Authorized July 6, 1960. Boundary change: Nov. 14, 1997.  
Acreage--749.18 Federal: 389.18 Nonfederal: 360.

Contact:  
Arkansas Post  
National Memorial  
1741 Old Post Road  
Route 1, Box 16  
Gillett, AR 72055-9707  
870-548-2207

For Additional Information:  
[www.nps.gov/arpo](http://www.nps.gov/arpo)

**Project** None

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#### Organizational Program

Arlington House, The Robert E. Lee Memorial

This antebellum home of the Custis and Lee families overlooks the Potomac River and Washington, D.C.  
Lee Mansion restoration authorized March 4, 1925; transferred from War Dept. Aug. 10, 1933; designated Custis-Lee Mansion by Congress June 29, 1955; renamed June 30, 1972.  
Boundary change: Nov. 3, 1959.  
Acreage--27.91, all federal.

Contact:  
Arlington House,  
The Robert E. Lee Memorial  
c/o George Washington  
Memorial Parkway  
Turkey Run Park  
McLean, VA 22101-0001  
703-557-0613

For Additional Information:  
[www.nps.gov/arho](http://www.nps.gov/arho)

**Project** None

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#### Organizational Program

Assateague Island National Seashore

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## National Park Service

This 37-mile barrier island, with sandy beaches, migratory waterfowl, and wild ponies, includes the 9,021-acre Chincoteague National Wildlife Refuge, administered by the U.S. Fish and Wildlife Service.

Authorized Sept. 21, 1965. Boundary change: July 10, 1992.

Acreage-39,723.17 Federal: 17,864.91 Nonfederal: 21,858.26. Land area: 15,977.67.

Water area: 22,079.

Contact:

Assateague Island  
National Seashore  
7206 National Seashore Lane  
Berlin, MD 21811-9742  
410-641-1441  
(Also in Virginia)

For Additional Information:

[www.nps.gov/asis](http://www.nps.gov/asis)

**Project** ASIS0001 Ambient WQ Monitoring Program at Assateague Island  
NS

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## Organizational Program Aztec Ruins National Monument

Ruins of this large 12th-century Pueblo Indian community have been partially excavated and stabilized.

Proclaimed Aztec Ruin National Monument Jan. 24, 1923; renamed July 2, 1928. Boundary changes: July 2, 1928; Dec. 19, 1930; May 27, 1948; October 28, 1988.

Acreage--317.71 Federal: 49.94 Nonfederal: 267.77.

Contact:

Aztec Ruins  
National Monument  
P.O. Box 640  
Aztec, NM 87410-0640  
505-334-6174

For Additional Information:

[www.nps.gov/azru](http://www.nps.gov/azru)

**Project** None

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## Organizational Program Badlands National Park

Carved by erosion, this scenic landscape contains animal fossils from 26 to 37 million years ago. Prairie grasslands support bison, bighorn sheep, deer, pronghorn antelope, swift fox, and black-footed ferrets.

Authorized as a national monument March 4, 1929; established Jan. 24, 1939; redesignated Nov. 10, 1978. Boundary changes: June 26, 1936; May 7, 1952; March 22, 1957; Aug. 8, 1968. Wilderness designated Oct. 20, 1976.

Acreage--242,755.94 Federal: 232,822.24 Nonfederal: 9,933.70. Wilderness area: 64,250.

Contact:

Badlands National Park  
P.O. Box 6  
Interior, SD 57750-0006  
605-433-5361

For Additional Information:

[www.nps.gov/badl](http://www.nps.gov/badl)

**Project** BADL0001 Pathogenic Naegleria fowleri & Thermotolerant Amebas  
Sur.-03

**Project** BADL0002 USGS National Uranium Resource Evaluation Data-05  
BADL0003 Analysis Data Sheet (1978) Submitted to the Park Supt.

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## National Park Service

### Project

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#### Organizational Program

Bandelier National Monument

On the mesa tops and canyon walls of the Pajarito Plateau are the ruins of 13th-century Pueblo Indians' cliff houses and villages. Proclaimed Feb. 11, 1916; transferred from Forest Service, U.S. Dept. of Agriculture, Feb. 25, 1932. Boundary changes: Feb. 25, 1932; Jan. 9, 1961; May 27, 1963; Oct. 21, 1976; Feb. 8, 1977; Nov. 18, 1997; Jan. 27, 1998. Wilderness designated Oct. 20, 1976. Acreage--33,676.67 Federal: 32,741.67 Nonfederal: 935. Wilderness area: 23,267.

Contact:  
Bandelier  
National Monument  
H.C.R 1, Box 1  
Suite 15  
Los Alamos, NM 87544-9701  
505-672-3861

For Additional Information:  
[www.nps.gov/band](http://www.nps.gov/band)

- |                |          |  |
|----------------|----------|--|
| <b>Project</b> | BAND0001 | Monitoring Prior to St. Peters Dome Rd. Development - 1996 |
| <b>Project</b> | BAND0002 | Benthic Macroinvertebrate Bioassessment Methods Comparison |
| <b>Project</b> | BAND0003 | Geohydrology of Bandelier National Monument - 1980         |
| <b>Project</b> | BAND0004 | Ambient WQ Monitoring Program at Bandelier NM              |
- 

#### Organizational Program

Bent's Old Fort National Historic Site

The fort, now completely reconstructed north of the Arkansas River, was an important fur trading post in the 1833-49 period where Indians and trappers exchanged furs for trade goods.

Authorized June 3, 1960. Boundary change: Nov. 10, 1978. Acreage--798.80 Federal: 735.60 Nonfederal: 63.20.

Contact:  
Bent's Old Fort  
National Historic Site  
35110 Highway 194 East  
La Junta, CO 81050-9523  
719-383-5010

For Additional Information:  
[www.nps.gov/beol](http://www.nps.gov/beol)

- |                |          |   |
|----------------|----------|---|
| <b>Project</b> | BEOL0001 | USGS National Uranium Resource Evaluation Data-06 |
|----------------|----------|---|
- 

#### Organizational Program

Bering Land Bridge National Preserve

Located on the Seward Peninsula, the preserve is a remnant of the land bridge that once connected Asia with North America more than 13,000 years ago. Paleontological and archeological resources abound; large populations of migratory birds nest here. Ash explosion craters and lava flows, rare in the Arctic, are also present. LIMITED FEDERAL FACILITIES. Proclaimed a national monument Dec. 1, 1978; established as a national preserve Dec. 2, 1980.

Acreage--2,698,919.22 Federal: 2,537,912 Nonfederal: 161,007.22.

Contact:  
Bering Land Bridge  
National Preserve  
P.O. Box 220, Nome, AK

# Program Summary

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11NPSWRD

## National Park Service

99762-0220  
907-443-2522

For Additional Information:  
[www.nps.gov/bela](http://www.nps.gov/bela)

**Project** None

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### Organizational Program

 Big Bend National Park

Mountains contrast with desert within the great bend of the Rio Grande, as the river waters rush through deep-cut canyons and the open desert for 118 miles. Authorized June 20, 1935; established June 12, 1944. Boundary changes: Aug. 30, 1949; Nov. 5, 1957; May 27, 1989. Designated a Biosphere Reserve 1976. Acreage--801,163.21 Federal: 775,279.14 Nonfederal: 25,884.07.

Contact:  
Big Bend National Park  
P.O. Box 129  
Big Bend National Park, TX  
79834-0129  
915-477-2251

For Additional Information:  
[www.nps.gov/bibe](http://www.nps.gov/bibe)

**Project** BIBE0001 Pathogenic Naegleria fowleri & Thermotolerant Amebas  
Sur.-04

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### Organizational Program

 Big Cypress National Preserve

This large area protects the watershed for the threatened ecosystem of South Florida. Subtropical plant and animal life abounds in a park that is home to endangered species like the Florida panther and the red-cockaded woodpecker. Authorized Oct. 11, 1974. Boundary change: April 29, 1988. Acreage--720,572.77 Federal: 641,109.82 Nonfederal: 79,462.95.

Contact:  
Big Cypress  
National Preserve  
H.C.R. 61, Box 110  
Ochopee, FL 34141  
941-695-4111

For Additional Information:  
[www.nps.gov/bicy](http://www.nps.gov/bicy)

**Project** BICY0001 Ambient WQ Monitoring Program at Big Cypress N. Pres.

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### Organizational Program

 Big Hole National Battlefield

Nez Perce Indians and U.S. Army troops fought here in 1877-a dramatic episode in the long struggle to confine the Nez Perce and other tribes to reservations. Established by Executive Order as Big Hole Battlefield National Monument June 23, 1910; transferred from War Dept. Aug. 19, 1933; redesignated May 17, 1963. Boundary changes: June 29, 1939; May 17, 1963; Dec. 1, 1971. Included in Montana Unit of Nez Perce National Historical Park Oct. 30, 1992. Acreage--655.61, all federal.

Contact:  
Big Hole  
National Battlefield  
P.O. Box 237  
Wisdom, MT 59761-0237

# Program Summary

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11NPSWRD

## National Park Service

406-689-3155

For Additional Information:  
[www.nps.gov/biho](http://www.nps.gov/biho)

**Project** None

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### Organizational Program

Big South Fork National River and Recreation Area

The free-flowing Big South Fork of the Cumberland River offers a range of recreational opportunities.

Planning and development by U.S. Army Corps of Engineers authorized May 7, 1974; interim management by National Park Service authorized Oct. 22, 1976; complete transfer of jurisdiction from Secretary of the Army to Secretary of the Interior, including responsibility for completion and planning, acquisition, and development, settled Oct. 1, 1990.  
Acreage--125,242.34 Federal: 113,512.15 Nonfederal: 11,730.19.

Contact:  
Big South Fork National  
River and Recreation Area  
4564 Leatherwood Road  
Oneida, TN 37841-9544  
423-569-9778  
(Also in Kentucky)

For Additional Information:  
[www.nps.gov/biso](http://www.nps.gov/biso)

**Project** BISO0001 Big South Fork NR&RA: Water Quality Report 1982-1984  
**Project** BISO0002 Cumberland Plateau Muskellunge Investigation by J. Riddle-1  
**Project** BISO0003 Acid Mine Drainage Impacts the River (1995-1997)

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### Organizational Program

Big Thicket National Preserve

A great variety of plant and animal species coexist in this "biological crossroads of North America."  
Authorized Oct. 11, 1974. Designated a Biosphere Reserve 1981. Boundary change: Nov. 12, 1996.  
Acreage--97,191.01 Federal: 85,894.26 Nonfederal: 11,296.75.

Contact:  
Big Thicket  
National Preserve  
3785 Milam  
Beaumont, TX 77701-4724  
409-839-2689

For Additional Information:  
[www.nps.gov/bith](http://www.nps.gov/bith)

**Project** BITH0001 Ambient WQ Monitoring Program at Big Thicket N. Pres.

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### Organizational Program

Bighorn Canyon National Recreation Area

Bighorn Lake extends 71 miles behind Yellowtail Dam on the Bighorn River. Archeological and historical resources complement the natural scene. About one third of the area is within the Crow Indian Reservation.  
Established Oct. 15, 1966.  
Acreage--120,296.22 Federal: 68,490.87 Nonfederal: 51,805.35.

Contact:



## Program Summary

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### National Park Service

Bighorn Canyon  
National Recreation Area  
P.O. Box 7458  
Fort Smith, MT 59035-7458  
406-666-2412  
(Also in Wyoming)

For Additional Information:  
[www.nps.gov/bica](http://www.nps.gov/bica)

<b>Project</b>	BICA0001	Effects of Drilling Irrigation Wells Near Britton Spring
<b>Project</b>	BICA0002	Spring Water-Supply Possibilities at Pretty Eagle & Ok-a-Beh
<b>Project</b>	BICA0003	Water Quality and Rate of Sedimentation in Bighorn Lake
<b>Project</b>	BICA0004	MT Fish and Game Department Data Collected From 1970-1972
<b>Project</b>	BICA0005	Miscellaneous WQ Data Collected by Bighorn Canyon NRA Staff
<b>Project</b>	BICA0006	Memo on Springs in the Campground Area Near Barry's Landing
<b>Project</b>	BICA0007	USGS National Uranium Resource Evaluation Data-07
<b>Project</b>	BICA0008	Limnological Studies on Bighorn Lake and its Tributaries
<b>Project</b>	BICA0009	WY Water Resources Data Center Data from WY G&F Dept-1
<b>Project</b>	BICA0010	Wyoming Water Resources Data Center Data from the EPA
<b>Project</b>	BICA0011	Wyoming Water Resources Data Center Data from Wyoming DEQ-1

### Organizational Program Biscayne National Park

Subtropical islands form a north-south chain, with Biscayne Bay on the west and the Atlantic Ocean on the east. The park protects interrelated marine systems including mangrove shoreline, bay communities, subtropical keys, and the northernmost coral reef in the United States.

Authorized as a national monument Oct. 18, 1968; redesignated and enlarged June 28, 1980. Boundary change: Oct. 26, 1974.

Acreage--172,924.07 Federal: 170,810.67 Nonfederal: 2,113.40. Land area: 4,446.23.

Contact:  
Biscayne National Park  
P.O. Box 1369  
Homestead, FL 33090-1369  
305-230-7275

For Additional Information:  
[www.nps.gov/bisc](http://www.nps.gov/bisc)

<b>Project</b>	BISC0001	Report on Data for Biscayne Bay Marinas by USACOE - 1983
<b>Project</b>	BISC0002	John Pennekamp Coral Reef State Park WQ Monitoring Program
<b>Project</b>	BISC0003	Addendum to Report "Biscayne Bay Ammonium Monitoring" - 1995
<b>Project</b>	BISC0004	Pollution Studies in Biscayne Bay - 1939
<b>Project</b>	BISC0005	Ecological Study of South Biscayne Bay Near Turkey Point
<b>Project</b>	BISC0006	Coliform Sampling Program for Biscayne Bay - 1969
<b>Project</b>	BISC0007	Biological Investigations of the Black Creek Vicinity
<b>Project</b>	BISC0008	Mowry Canal (C-103) Water Quality and Discharge -

## Program Summary

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### National Park Service

		1983
<b>Project</b>	BISC0009	Organic Pollution of the Water Near Black Creek - 1987
<b>Project</b>	BISC0010	Ecology and Distribution of Larval Fishes of Biscayne Bay
<b>Project</b>	BISC0011	Preliminary Studies of Pollution in Biscayne Bay - 1955
<b>Project</b>	BISC0012	Survey of the Subtropical Inshore Waters near Miami - 1950
<b>Project</b>	BISC0013	Ecological Study of South Biscayne and Card Sound - 1971
<b>Project</b>	BISC0014	Salinity of Ocean-Water at Fowey Rocks - 1918
<b>Project</b>	BISC0015	Thermal Pollution of Intrastate Waters of Biscayne Bay

#### Organizational Program Black Canyon of the Gunnison National Park

The ancestral Gunnison River was wedged here by volcanic deposits and committed to a course from which it could not escape. Monolithic rock walls rise 2,000 feet above the river. Proclaimed March 2, 1933. Boundary changes: May 16, 1938; Oct. 28, 1939; April 13, 1960; July 13, 1984. Wilderness designated Oct. 20, 1976. Acreage--20,766.14 Federal: 20,646.14 Nonfederal: 120. Wilderness area: 11,180.

Contact:  
Black Canyon of the  
Gunnison  
National Park  
102 Elk Creek  
Gunnison, CO 81230  
970-641-2337

For Additional Information:  
[www.nps.gov/blca](http://www.nps.gov/blca)

<b>Project</b>	BLCA0001	Ambient WQ Monitoring Program at Black Canyon of Gunnison NP
<b>Project</b>	BLCA0002	Misc. Potability Measurements for Nick Grey & Poison Springs
<b>Project</b>	BLCA0003	USGS National Uranium Resource Evaluation Data-08

#### Organizational Program Blue Ridge Parkway

Following the crest of the Blue Ridge Mountains, this scenic 470-mile parkway averages 3,000 feet above sea level and embraces several large recreational and natural history areas and Appalachian cultural sites. Initial construction funds allocated under authority of National Industrial Recovery Act June 16, 1933; National Park Service administration authorized June 30, 1936. Boundary changes: June 30, 1961; Oct. 9, 1968. Acreage--88,734.32 Federal: 81,182.97 Nonfederal: 7,551.53.

Contact:  
Blue Ridge Parkway  
BB&T Building  
1 West Pack Square, Suite 400  
Asheville, NC 28801-3412  
828-271-4799  
(Also in Virginia)

For Additional Information:  
[www.nps.gov/blri](http://www.nps.gov/blri)

<b>Project</b>	None
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#### Organizational Program Bluestone National Scenic River

## Program Summary

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### National Park Service

This scenic river preserves relatively unspoiled land in southwest West Virginia and contains natural and historic features of the Appalachian plateau. In its 11 miles the lower Bluestone River offers excellent fishing, hiking, boating, and scenery. Pipestem and Bluestone State Parks and Bluestone Wildlife Management Area are located along this segment of the river.

NO FEDERAL FACILITIES.

Authorized Oct. 26, 1988.

Acreage--4,309.51 Federal: 3,032 Nonfederal: 1,277.51.

Contact:

Bluestone  
National Scenic River  
c/o New River Gorge  
National River  
P.O. Box 246  
Glen Jean, WV 25846-0246  
304-465-0508

For Additional Information:

[www.nps.gov/blue](http://www.nps.gov/blue)

**Project** BLUE0001 Ambient WQ Monitoring Program at Bluestone N.S.R.

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### Organizational Program Booker T. Washington National Monument

On this 19th-century plantation Booker T. Washington was born a slave on April 5, 1856. When he returned to visit in 1908, he was a noted educator and orator. He founded Tuskegee Institute in Alabama in 1881.

Authorized April 2, 1956.

Acreage--223.92, all federal.

Contact:

Booker T. Washington  
National Monument  
12130 B.T. Washington Hwy.  
Hardy, VA 24101-9688  
540-721-2094

For Additional Information:

[www.nps.gov/bowa](http://www.nps.gov/bowa)

**Project** None

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### Organizational Program Boston African American National Historic Site

The site contains 15 pre-Civil War African American history structures, linked by the 1.6-mile Black Heritage Trail. The meeting house is the oldest standing African American church in the U.S. Augustus Saint-Gaudens' memorial to Robert Gould Shaw, the white officer who first led African American troops during the Civil War, stands on the trail.

Authorized Oct. 10, 1980.

Acreage--0.18, all nonfederal.

Contact:

Boston African American  
National Historic Site  
46 Joy Street  
Boston, MA 02114-4025  
617-742-5415

For Additional Information:

[www.nps.gov/boaf](http://www.nps.gov/boaf)

**Project** None

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## Program Summary

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### 11NPSWRD

### National Park Service

#### Organizational Program

Boston Harbor Islands National Recreation Area

Thirty islands in Boston Harbor make up this treasure of natural and cultural resources and recreational amenities at the doorstep of a major Northeast urban area. The facility is to be managed by a partnership of current managers and owners along with the National Park Service.

Authorized Nov. 12, 1996.

Acreage--1,482.25 Federal: 5 Nonfederal: 1,477.25.

#### Contact:

Boston Harbor Islands  
National Recreation Area  
c/o Boston Support Office  
BHI Project Manager  
15 State Street  
Boston MA 02109  
617-223-5060

#### For Additional Information:

[www.nps.gov/boha](http://www.nps.gov/boha)

**Project** None

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#### Organizational Program

Boston National Historical Park

The events and ideas associated with the American Revolution and the founding and growth of the United States provide the common thread linking the sites that compose this park, among them Bunker Hill, Old North Church, Paul Revere House, Faneuil Hall, Old State House, and a portion of the Charlestown Navy Yard, including the USS Constitution.

Authorized Oct. 1, 1974. Boundary changes: Nov. 10, 1978; Sept. 8, 1980.

Acreage--41.03 Federal: 35.17 Nonfederal: 5.86.

#### Contact:

Boston  
National Historical Park  
Charlestown Navy Yard  
Visitor Center  
Boston, MA 02129-4543  
617-242-5601

#### For Additional Information:

[www.nps.gov/bost](http://www.nps.gov/bost)

**Project** None

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#### Organizational Program

Brices Cross Roads National Battlefield Site

The Confederate army opposed Union forces here on June 10, 1864, to ultimately secure supply lines between Nashville and Chattanooga.

Established Feb 21, 1929; transferred from War Dept. Aug. 10, 1933.

Acreage--1, all federal.

#### Contact:

Brices Cross Roads  
National Battlefield Site  
c/o Natchez Trace Parkway  
2680 Natchez Trace Parkway  
Tupelo, MS 38801-9718  
601-680-4025

#### For Additional Information:

[www.nps.gov/brcr](http://www.nps.gov/brcr)

**Project** None

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# Program Summary

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## 11NPSWRD

### National Park Service

#### Organizational Program

Brown v. Board of Education National Historic Site

The 1954 landmark Supreme Court decision that concluded that "separate educational facilities are inherently unequal" effectively ended legal racial segregation in the public schools of this country. That decision is commemorated at Monroe School, the segregated school attended by Linda Brown at 1515 Monroe Street, Topeka, Kansas. UNDER DEVELOPMENT.

Established Oct. 26, 1992.  
Acreage--1.85, all federal.

#### Contact:

Brown v. Board of Education  
National Historic Site  
424 S. Kansas Ave.  
Suite 220  
Topeka, KS 66603-3441  
913-354-4273

#### For Additional Information:

[www.nps.gov/brvb](http://www.nps.gov/brvb)

#### Project

None

#### Organizational Program

Bryce Canyon National Park

Innumerable highly colored and picturesque pinnacles, walls, and spires stand in horseshoe-shaped amphitheaters along the edge of the high plateau country in southern Utah.

Proclaimed a national monument June 8, 1923; renamed and redesignated Utah National Park June 7, 1924; renamed Bryce Canyon National Park Feb. 25, 1928. Boundary changes: May 12, 1928; June 13, 1930; Jan. 5, 1931; Feb. 17, 1931; May 4, 1931; March 7, 1942.

Acreage--35,835.08 Federal: 35,832.58 Nonfederal: 2.50.

#### Contact:

Bryce Canyon National Park  
Bryce Canyon, UT 84717-0001  
435-834-5322

#### For Additional Information:

[www.nps.gov/brca](http://www.nps.gov/brca)

#### Project

BRCA0001 Town of Tropic, Culinary Waterworks - 1974

#### Project

BRCA0002 Water System Improvements for the Town of Tropic - 1987

#### Project

BRCA0003 Backcountry WQ Survey in Bryce Canyon National Park - 1981

#### Project

BRCA0004 USGS National Uranium Resource Evaluation Data-09

#### Project

BRCA0005 Natural Spring Inventory-Bryce Canyon National Park - 1996

#### Project

BRCA0006 Groundwater Resources of the Bryce Canyon NP Area - 1963

#### Project

BRCA0007 Water Supply Appraisals for Municipal Use - 1970

#### Organizational Program

Buck Island Reef National Monument

The park features the finest coral reef gardens in the Caribbean, which include coral grottoes, sea fans, and tropical fishes. Its interpretive snorkel trail provides a wonderful opportunity to discover the underwater world. The island's beaches and tropical forests are nesting areas for endangered sea turtles and brown pelicans.

Proclaimed Dec. 28, 1961. Boundary change: Feb. 1, 1975.

Acreage--880, all federal. Land area: 143.

#### Contact:

# Program Summary

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## National Park Service

Buck Island Reef  
National Monument  
Danish Customs House  
Kings Wharf  
2100 Church Street, #100  
Christiansted, VI 00820-4611  
340-773-1460

For Additional Information:  
[www.nps.gov/buis](http://www.nps.gov/buis)

**Project** BUIS0001 Ambient WQ Monitoring Program at Buck Island Reef NM

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### Organizational Program

Buffalo National River

Offering both swift-running and placid stretches, the Buffalo is one of the few remaining unpolluted, free-flowing rivers in the lower 48 states. It courses through multicolored bluffs and past numerous springs along its 135.75-mile length. Authorized March 1, 1972. Wilderness designated Nov. 10, 1978. Acreage--94,328.34 Federal: 91,848.65 Nonfederal: 2,479.69. Wilderness Area: 36,000.

Contact:  
Buffalo National River  
402 North Walnut  
Suite 136  
Harrison, AR 72601-1173  
870-741-5443

For Additional Information:  
[www.nps.gov/buff](http://www.nps.gov/buff)

**Project** BUFF0001 Cattle Pasture Runoff Impact on Water Chemistry - 1989

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### Organizational Program

Cabrillo National Monument

Juan Rodriquez Cabrillo, Portuguese explorer who claimed this coast for Spain in 1542, is memorialized here. Gray whales migrate offshore during the winter. Old Point Loma Lighthouse is restored to its most active period-the 1880s. Proclaimed Oct. 14, 1913; transferred from War Dept. Aug. 10, 1933. Boundary changes: Feb. 2, 1959; Sept. 28, 1974. Acreage-137.06, all federal.

Contact:  
Cabrillo National Monument  
1800 Cabrillo Memorial  
Drive  
San Diego, CA 92106-3601  
619-557-5450

For Additional Information:  
[www.nps.gov/cabr](http://www.nps.gov/cabr)

**Project** None

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### Organizational Program

Canaveral National Seashore

Twenty-five miles of undeveloped barrier island preserve the natural beach, dune, marsh, and lagoon habitats for many species of birds. The Kennedy Space Center occupies the southern end of the island and temporary closures are possible due to launch-related activities. Established Jan. 3, 1975. Acreage--57,661.69 Federal: 57,647.69 Nonfederal: 14.

Contact:  
Canaveral

# Program Summary

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## National Park Service

National Seashore  
308 Julia Street  
Titusville, FL 32796-3521  
407-267-1110

For Additional Information:  
[www.nps.gov/cana](http://www.nps.gov/cana)

**Project** CANA0001 Ambient WQ Monitoring Program at Canaveral National Seashore

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## Organizational Program Cane River Creole National Historical Park

The park preserves significant landscapes, sites, and structures associated with the development of Creole culture in both urban and rural settings. Oakland Plantation, the outbuildings of Magnolia Plantation, Cane River corridor, the historic district of the town of Natchitoches, and the Fort Jesup and Las Adaes sites are important components. Authorized Nov. 2, 1994. Acreage--207.38 Federal: 62.91 Nonfederal: 144.47.

Contact:  
Cane River Creole  
National Historical Park  
4386 Highway 494  
Natchez, LA 71456  
318-352-0383

For Additional Information:  
[www.nps.gov/cari](http://www.nps.gov/cari)

**Project** None

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## Organizational Program Canyon de Chelly National Monument

At the base of sheer red cliffs and in canyon wall caves are remains of American Indian villages built between 350 and 1300. Navajos live and farm here today. Authorized Feb. 14, 1931. Boundary change: March 1, 1933. Acreage-83,840, all nonfederal.

Contact:  
Canyon de Chelly  
National Monument  
P.O. Box 588  
Chinle, AZ 86503-0588  
520-674-5500

For Additional Information:  
[www.nps.gov/cach](http://www.nps.gov/cach)

**Project** CACH0001 Cold Water Fishery Habitat WQ Data from Navajo EPA  
**Project** CACH0002 USGS National Uranium Resource Evaluation Data-10

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## Organizational Program Canyonlands National Park

In this geological wonderland, rocks, spires, and mesas dominate the heart of the Colorado Plateau, cut by canyons of the Green and Colorado rivers. Prehistoric American Indian rock art and ruins dot the redrock landscape. Established Sept. 12, 1964. Boundary change: Nov. 12, 1971. Acreage--337,597.83 Federal: 337,570.43 Nonfederal: 27.40.

Contact:  
Canyonlands National Park  
2282 S. West Resource Blvd.  
Moab, UT 84532

# Program Summary

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## National Park Service

435-259-7164

For Additional Information:  
[www.nps.gov/cany](http://www.nps.gov/cany)

<b>Project</b>	CANY0001	Arches and Canyonlands National Park Aquatic Study - 1983-2
<b>Project</b>	CANY0002	Water Resources Descriptions and Database Canyonlands NP-1
<b>Project</b>	CANY0003	Monitoring in Response to Proposed Nuclear Waste Reposit.-2
<b>Project</b>	CANY0004	Groundwater Resources in Canyonlands National Park - 1980-1
<b>Project</b>	CANY0005	USGS National Uranium Resource Evaluation Data-11
<b>Project</b>	CANY0006	Water Resources of Part of Canyonlands National Park - 1972
<b>Project</b>	CANY0007	Hydrogeologic Feasibility of Developing Groundwater Supp.-2

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### Organizational Program Cape Cod National Seashore

Ocean beaches, dunes, woodlands, freshwater ponds, and marshes make up this park on outer Cape Cod. It stretches 40 miles from Chatham to Provincetown. Its many cultural remnants include Marconi's Wireless Station site. Authorized Aug. 7, 1961; established June 1, 1966. Boundary change: Nov. 10, 1978. Acreage--43,614.20 Federal: 27,498.46 Nonfederal: 16,115.74. Land area: 27,004.

Contact:  
Cape Cod National Seashore  
99 Marconi Site Road  
Wellfleet, MA 02667-0250  
508-349-3785

For Additional Information:  
[www.nps.gov/caco](http://www.nps.gov/caco)

**Project** None

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### Organizational Program Cape Hatteras National Seashore

Beaches, migratory waterfowl, fishing, and points of historical interest are special features of the first national seashore. Its lands include 5,915-acre Pea Island National Wildlife Refuge, administered by the U.S. Fish and Wildlife Service. Authorized Aug. 17, 1937; established Jan. 12, 1953. Acreage--30,319.43 Federal: 30,318.88 Nonfederal: 0.55. Land area: 26,326.24.

Contact:  
Cape Hatteras  
National Seashore  
Route 1, Box 675  
Manteo, NC 27954-2708  
252-473-2111

For Additional Information:  
[www.nps.gov/caha](http://www.nps.gov/caha)

**Project** None

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### Organizational Program Cape Krusenstern National Monument

Archeological sites located along a succession of 114 lateral beach ridges illustrate Eskimo communities of every known cultural period in Alaska, dating back some 4,000 years. LIMITED FEDERAL FACILITIES.



# Program Summary

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## National Park Service

Proclaimed Dec. 1, 1978. Boundary change: Dec. 2, 1980.  
Acreage--649,182.18 Federal: 594,409.54 Nonfederal: 54,772.64.

Contact:  
Cape Krusenstern  
National Monument  
P.O. Box 1029  
Kotzebue, AK 99752-0029  
907-442-3890

For Additional Information:  
[www.nps.gov/noaa](http://www.nps.gov/noaa)

**Project** None

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### Organizational Program Cape Lookout National Seashore

This series of undeveloped barrier islands extends 56 miles along the lower Outer Banks embracing beaches, dunes, historic Portsmouth Village, and Cape Lookout Lighthouse. Authorized March 10, 1966. Boundary change: Oct. 26, 1974. Designated a Biosphere Reserve 1986.  
Acreage--28,243.36 Federal: 25,173.62 Nonfederal: 3,069.74. Land area: 8,741.

Contact:  
Cape Lookout  
National Seashore  
131 Charles Street  
Harkers Island, NC 28531-9702  
252-728-2250

For Additional Information:  
[www.nps.gov/caloo](http://www.nps.gov/caloo)

**Project** None

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### Organizational Program Capitol Reef National Park

Capitol Reef preserves the 100-mile-long Waterpocket Fold, an uplift of sandstone cliffs with highly colored sedimentary layers. Dome-shaped white-cap rock accounts for the name. Preserved also is rock art of the Fremont Culture and a historic Mormon settlement. Proclaimed a national monument Aug. 2, 1937; redesignated Dec. 18, 1971. Boundary changes: July 2, 1958; Jan. 20, 1969; Dec. 18, 1971.  
Acreage--244,392.26 Federal: 243,559.87 Nonfederal: 832.39.

Contact:  
Capitol Reef National Park  
H.C. 70, Box 15  
Torrey, UT 84775-9602  
435-425-3791

For Additional Information:  
[www.nps.gov/care](http://www.nps.gov/care)

**Project** CARE0001 Ambient WQ Monitoring Program at Capitol Reef National Park  
**Project** CARE0002 USGS National Uranium Resource Evaluation Data-12  
**Project** CARE0003 Water Quality Studies at Capitol Reef NP & Dinosaur NM-1

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### Organizational Program Capulin Volcano National Monument

This symmetrical cinder cone is an interesting example of a geologically recent, inactive

## Program Summary

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### National Park Service

volcano.  
Proclaimed Capulin Mountain National Monument Aug. 9, 1916; renamed Dec. 31, 1987.  
Boundary change: Sept. 3, 1962.  
Acreage--792.84, all federal.

Contact:  
Capulin Volcano  
National Monument  
P.O. Box 40  
Capulin, NM 88414-0040  
505-278-2201

For Additional Information:  
[www.nps.gov/cavo](http://www.nps.gov/cavo)

**Project** CAVO0001 USGS National Uranium Resource Evaluation Data-14

### Organizational Program

Carl Sandburg Home National Historic Site  
Connemara was the farm home of the noted poet-author for the last 22 years of his life.  
Authorized Oct. 17, 1968; established Oct. 27, 1972.  
Acreage--263.65 Federal: 263.52 Nonfederal: 0.13.

Contact:  
Carl Sandburg Home  
National Historic Site  
1928 Little River Road  
Flat Rock, NC 28731-9766  
828-693-4178

For Additional Information:  
[www.nps.gov/carl](http://www.nps.gov/carl)

**Project** CARL0001 Natural Resources Inventory and Monitoring Study 1988-1993  
**Project** CARL0002 USGS National Uranium Resource Evaluation Data-13  
**Project** CARL0003 Characterization of Two Ponds Impacted by Runoff - 1979

### Organizational Program

Carlsbad Caverns National Park  
This series of connected caverns, with one of the world's largest underground chambers, has countless formations. The park contains 85 separate caves, including the nation's deepest limestone cave--1,567 feet--and third longest.  
Proclaimed Carlsbad Cave National Monument Oct. 25, 1923; established as Carlsbad Caverns National Park May 14, 1930. Boundary changes: Feb. 21, 1933; May 4, 1934; Feb. 3, 1939; Dec. 30, 1963. Wilderness designated Nov. 10, 1978. Designated a World Heritage Site Dec. 9, 1995.  
Acreage--46,766.45 Federal: 46,427.26 Nonfederal: 339.19. Wilderness area: 33,125.

Contact:  
Carlsbad Caverns  
National Park  
3225 National Parks Highway  
Carlsbad, NM 88220-5354  
505-785-2232

For Additional Information:  
[www.nps.gov/cave](http://www.nps.gov/cave)

**Project** CAVE0001 Misc. Data for Carlsbad Caverns from Dr. Arthur N. Palmer  
**Project** CAVE0002 Infiltration Pathways at Carlsbad Caverns NP - 1996

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#### National Park Service

<b>Project</b>	CAVE0003	Reports on Natural Gas Contamination of Rattlesnake Spring
<b>Project</b>	CAVE0004	Hydrogeologic Data for Capitan Aquifer 1973 to 1995
<b>Project</b>	CAVE0005	Carlsbad Caverns Pool Water Quality Study, 1995 and 1996
<b>Project</b>	CAVE0006	Well Data Collected by the NM Environmental Department
<b>Project</b>	CAVE0007	NM Environmental Dept. Data on Spring Drinking Water
<b>Project</b>	CAVE0008	Miscellaneous Laboratory Data Sheets for Rattlesnake Spring
<b>Project</b>	CAVE0009	Misc. Data for Lechuguilla Cave from Dr. Arthur N. Palmer
<b>Project</b>	CAVE0010	Geology and Water Resources of the Carlsbad Area - 1959

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#### Organizational Program Casa Grande Ruins National Monument

This multi-storied, earthen-walled structure surrounded by the remains of smaller buildings and a compound wall was constructed by the Hohokam, who farmed the Gila Valley in the early 1200s. Casa Grande was abandoned by the mid-1400s. Casa Grande Ruin Reservation authorized March 2, 1889; proclaimed June 22, 1892; redesignated Aug. 3, 1918. Boundary changes: Dec. 10, 1909; June 7, 1926. Acreage-472.50, all federal.

Contact:  
Casa Grande Ruins  
National Monument  
1100 Ruins Drive  
Coolidge, AZ 85228-3200  
520-723-3172

For Additional Information:  
[www.nps.gov/cagr](http://www.nps.gov/cagr)

**Project** None

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#### Organizational Program Castillo de San Marcos National Monument

Construction of this, the oldest masonry fort in the continental United States, was started in 1672 by the Spanish to protect St. Augustine, first permanent settlement by Europeans in the continental United States, 1565. The floor plan is the result of "modernization" work done in the 18th century. Proclaimed Fort Marion National Monument Oct. 15, 1924; transferred from War Dept. Aug. 10, 1933; renamed June 5, 1942. Boundary changes: June 29, 1936; July 5, 1960. Acreage--20.51 Federal: 20.18 Nonfederal: 0.33.

Contact:  
Castillo de San Marcos  
National Monument  
1 Castillo Drive South  
St. Augustine, FL 32084-3699  
904-829-6506

For Additional Information:  
[www.nps.gov/casa](http://www.nps.gov/casa)

**Project** None

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#### Organizational Program Castle Clinton National Monument

Built 1808-11, this structure served as a defense for New York harbor, an entertainment

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## National Park Service

center, and an immigration depot through which more than 8 million people entered the United States from 1855 to 1890. It is located in Battery Park.  
Authorized Aug. 12, 1946.  
Acreage--1, all federal.

Contact:  
Castle Clinton  
National Monument  
Manhattan Sites  
National Park Service  
26 Wall Street  
New York, NY 10005-1907  
212-344-7220

For Additional Information:  
[www.nps.gov/cacl](http://www.nps.gov/cacl)

**Project** None

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## Organizational Program Catocin Mountain Park

Part of the forested ridge that forms the eastern rampart of the Appalachian Mountains in Maryland, this mountain park has sparkling streams and panoramic vistas of the Monocacy Valley.  
Catocin Recreation Demonstration Area transferred from Resettlement Administration Nov. 14, 1936; renamed July 12, 1954. Boundary change: July 12, 1954.  
Acreage-5,770.22, all federal.

Contact:  
Catocin Mountain Park  
6602 Foxville Road  
Thurmont, MD 21788-0158  
301-663-9343

For Additional Information:  
[www.nps.gov/cato](http://www.nps.gov/cato)

**Project** None

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## Organizational Program Cedar Breaks National Monument

A huge natural amphitheater has eroded into the variegated Pink Cliffs, 2,000 feet thick at this point.  
Proclaimed Aug. 22, 1933. Boundary changes: March 7, 1942; June 30, 1961.  
Acreage--6,154.60, all federal.

Contact:  
Cedar Breaks  
National Monument  
2390 W. Hwy. 56 #11  
Cedar City, UT 84720-2606  
435-586-9451

For Additional Information:  
[www.nps.gov/cebr](http://www.nps.gov/cebr)

**Project** CEBR0001 Lab. Reports from UT Div. of Health - 1974  
**Project** CEBR0002 Measurement of Outflow for Main and Secondary Springs  
- 1975  
**Project** CEBR0003 Measurement of Irrigation Water - 1957  
**Project** CEBR0004 Misc. Data for Blowhard Spring Analyzed by UT Health  
Lab.  
**Project** CEBR0005 Misc. Data for Blowhard Spring from 1979-1984

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### National Park Service

- Project** CEBR0006 Data from Regular Monitoring of Pretreated Drinking Water
- Project** CEBR0007 Water Resources of Cedar Breaks National Monument - 1967
- Project** CEBR0008 Spring Discharge at Cedar Breaks NM and Zion NP - 1971-1

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#### Organizational Program

##### Chaco Culture National Historical Park

The canyon contains 13 major prehistoric sites and hundreds of smaller ones, built by the Ancestral Puebloan People. Proclaimed Chaco Canyon National Monument March 11, 1907; renamed and redesignated Dec. 19, 1980. Boundary changes: Jan. 10, 1928; Dec. 19, 1980. Designated a World Heritage Site Dec. 8, 1987. Acreage--33,974.29 Federal: 31,084.74 Nonfederal: 2,889.55.

Contact:  
Chaco Culture  
National Historical Park  
P.O. Box 220  
Nageezi, NM 87037  
505-786-7014

For Additional Information:  
[www.nps.gov/chcu](http://www.nps.gov/chcu)

- Project** CHCU0001 Data After a Spill From Dome Petroleum Well Sludge Pond

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#### Organizational Program

##### Chamizal National Memorial

The memorial commemorates the peaceful settlement of a century-old boundary dispute between the United States and Mexico. This commemoration and multi-cultural understanding are enhanced through the arts in the memorial's 500-seat theater, outdoor stage, and three art galleries. Authorized June 30, 1966; established Feb. 4, 1974. Acreage--54.90, all federal.

Contact:  
Chamizal National Memorial  
800 S. San Marcial Street  
El Paso, TX 79905-4123  
915-532-7273

For Additional Information:  
[www.nps.gov/cham](http://www.nps.gov/cham)

- Project** None

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#### Organizational Program

##### Channel Islands National Park

The park consists of five islands off southern California: Anacapa, San Miguel, Santa Barbara, Santa Cruz, and Santa Rosa. Nesting sea birds, sea lion rookeries, and unique plants inhabit the area. Anacapa, Santa Barbara, and Santa Cruz Islands are administered by the National Park Service; San Miguel, by the U.S. Navy and the National Park Service. A permit is needed to visit the latter. Santa Rosa is private property. Proclaimed a national monument April 26, 1938; redesignated March 5, 1980. Boundary changes: June 10, 1949; May 15, 1978; Oct. 25, 1978. Designated a Biosphere Reserve 1976. Acreage--249,353.77 Federal: 70,518.62 Nonfederal: 178,835.15.

Contact:  
Channel Islands

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### National Park Service

National Park  
1901 Spinnaker Drive  
Ventura, CA 93001-4354  
805-658-5700

For Additional Information:  
[www.nps.gov/chis](http://www.nps.gov/chis)

- Project** CHIS0001 Water Resources Evaluation of the Gherini Property - 1983
- Project** CHIS0002 Inventory of Water Quality on Santa Rosa Island - 1995
- 

### Organizational Program Charles Pinckney National Historic Site

Charles Pinckney, 1757-1824, fought in the Revolutionary War and became one of the principal framers of the Constitution. He served as Governor of South Carolina and as a member of the U.S. Senate and House of Representatives, and was President Thomas Jefferson's minister to Spain. Part of his Snee Farm is preserved here. UNDERGOING RESTORATION.

Authorized Sept. 8, 1988.  
Acreage--28.45, all federal.

Contact:  
Charles Pinckney  
National Historic Site  
c/o Fort Sumter  
National Monument  
1214 Middle Street  
Sullivans Island, SC 29482-9748  
803-881-5516

For Additional Information:  
[www.nps.gov/chpi](http://www.nps.gov/chpi)

**Project** None

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### Organizational Program Chattahoochee River National Recreation Area

A series of sites along a 48-mile stretch of the Chattahoochee River, north of Atlanta, is preserved so the public can enjoy recreation and visit historic spots.

Established Aug. 15, 1978. Boundary change: Oct. 30, 1984.  
Acreage--9,205.53 Federal: 4,343.62 Nonfederal: 4,686.91.

Contact:  
Chattahoochee River  
National Recreation Area  
1978 Island Ford Parkway  
Atlanta, GA 30350-3400  
770-399-8070

For Additional Information:  
[www.nps.gov/chat](http://www.nps.gov/chat)

**Project** None

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### Organizational Program Chesapeake and Ohio Canal National Historical Park

The park follows the route of the 184-mile canal along the Potomac River between Washington, D.C., and Cumberland, Md. The canal was built between 1828 and 1850. Placed under National Park Service Sept. 23, 1938; upper canal proclaimed a national monument Jan. 18, 1961; established as a national historical park Jan. 8, 1971. Boundary change: Nov. 10, 1978.

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### National Park Service

Acreage-19,236.60 Federal: 14,068.92 Nonfederal: 5,167.68.

Contact:  
Chesapeake and Ohio Canal  
National Historical Park  
P.O. Box 4  
Sharpsburg, MD 21782-0004  
301-739-4200  
(Also in the District of  
Columbia and West Virginia)

For Additional Information:  
[www.nps.gov/choh](http://www.nps.gov/choh)

- |                |          |   |
|----------------|----------|---|
| <b>Project</b> | CHOH0001 | Bacteriological WQ Monitoring by Park During Summer of 1994 |
| <b>Project</b> | CHOH0002 | Furnace Branch Data Collected by the Montgomery County DEP  |

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### Organizational Program

Chickamauga and Chattanooga National Military Park

A major Confederate victory on Chickamauga Creek in Georgia, Sept. 19-20, 1863, was countered by Union victories at Orchard Knob, Lookout Mountain, and Missionary Ridge in Chattanooga, Tennessee, Nov. 23-25, 1863. This was the first national military park. Established Aug. 19, 1890; transferred from War Dept. Aug. 10, 1933. Boundary changes: Aug. 9, 1939; March 5, 1942; June 24, 1948. Acreage--8,119.11 Federal: 8,102.32 Nonfederal: 16.79.

Contact:  
Chickamauga and  
Chattanooga  
National Military Park  
P.O. Box 2128  
Fort Oglethorpe, GA 30742-0128  
706-866-9241

For Additional Information:  
[www.nps.gov/chch](http://www.nps.gov/chch)

- |                |          |   |
|----------------|----------|---|
| <b>Project</b> | CHCH0001 | Assessment of Ecological Resources of Selected Caves-1994-1 |
| <b>Project</b> | CHCH0002 | USGS National Uranium Resource Evaluation Data-15           |

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### Organizational Program

Chickasaw National Recreation Area

The park is named to honor the Chickasaw Indian Nation, original occupants of this land. The partially forested hills of south-central Oklahoma and its springs, streams, and lakes provide swimming, boating, fishing, picnicking, camping, and hiking. Sulphur Springs Reservation authorized July 1, 1902; renamed and redesignated Platt National Park June 29, 1906; combined with Arbuckle National Recreation Area and additional lands and renamed and redesignated March 17, 1976. Boundary changes: April 21, 1904; June 18, 1940; March 17, 1976; Dec. 9, 1991. Acreage--9,888.83 Federal: 9,884.33 Nonfederal: 4.50. Water area: 2,409.

Contact:  
Chickasaw  
National Recreation Area  
P.O. Box 201  
Sulphur, OK 73086-0201  
580-622-3161

For Additional Information:  
[www.nps.gov/chic](http://www.nps.gov/chic)

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#### National Park Service

<b>Project</b>	CHIC0001	Ambient WQ Monitoring Program at Chickasaw NRA 1987-1994
<b>Project</b>	CHIC0002	Changes in Water Quality Resulting from Impoundment - 1971
<b>Project</b>	CHIC0003	Destratification and Reaeration of Reservoirs - 1979
<b>Project</b>	CHIC0004	WQ Management Study for Chickasaw NRA - 1977
<b>Project</b>	CHIC0005	Bacteriological Contamination of Hillside Spring - 1968
<b>Project</b>	CHIC0006	Hydrology of the Arbuckle Mountains Area - 1990
<b>Project</b>	CHIC0007	Etiology of Subcutaneous Neoplasms in Native Gizzard Shad
<b>Project</b>	CHIC0008	Water Quality Study for Platt National Park - 1976
<b>Project</b>	CHIC0009	Benthic Macroinvertebrates & Zooplankton in Arbuckle Res.

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#### Organizational Program Chiricahua National Monument

The rock formations here were created millions of years ago by volcanic activity, resulting in a landscape of rare beauty. Faraway Ranch, a cattle ranch/guest ranch, has been restored. Proclaimed April 18, 1924; transferred from Forest Service, U.S. Dept. of Agriculture, Aug. 10, 1933. Boundary changes: June 10, 1938; Nov. 10, 1978. Wilderness designated Oct. 20, 1976.

Acreage-11,984.73 Federal: 11,982.38 Nonfederal: 2.35. Wilderness area: 9,440.

Contact:  
Chiricahua  
National Monument  
Dos Cabezas Route  
Box 6500  
Willcox, AZ 85643-9737  
520-824-3560

For Additional Information:  
[www.nps.gov/chir](http://www.nps.gov/chir)

<b>Project</b>	CHIR0001	Misc. Spring Survey Records and Hydrologic Data at NPS-WRD
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#### Organizational Program Christiansted National Historic Site

Urban colonial development of the Virgin Islands is commemorated by 18th- and 19th-century structures in the heart of the capital of the former Danish West Indies on St. Croix Island. Designated Virgin Islands National Historic Site March 4, 1952; renamed Jan. 16, 1961. Boundary change: June 27, 1962.

Acreage--27.15 Federal: 26.24 Nonfederal: 0.91.

Contact:  
Christiansted  
National Historic Site  
Danish Customs House  
Kings Wharf  
2100 Church Street, #100  
Christiansted, VI 00820-4611  
340-773-1460

For Additional Information:  
[www.nps.gov/chri](http://www.nps.gov/chri)

<b>Project</b>	None
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#### Organizational Program City of Rocks National Reserve

Scenic granite spires and sculptured rock formations dominate this landscape. Remnants of



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## National Park Service

the California Trail are still visible in the area. Recreational opportunities include rock climbing and camping. LIMITED FACILITIES.

Authorized Nov. 18, 1988. Administered cooperatively by the National Park Service and the Idaho Department of Parks and Recreation.

Acreage--14,107.19 Federal: 9,184.47 Nonfederal: 4,922.72.

Contact:

City of Rocks  
National Reserve  
P.O. Box 169  
Almo, ID 83312-0169  
208-824-5519

For Additional Information:

[www.nps.gov/ciro](http://www.nps.gov/ciro)

**Project** CIRO0001 USGS National Uranium Resource Evaluation Data-16

## Organizational Program Clara Barton National Historic Site

This 38-room home of the founder of the American Red Cross was for seven years headquarters of that organization.

Authorized Oct. 26, 1974.

Acreage--8.59, all federal.

Contact:

Clara Barton  
National Historic Site  
5801 Oxford Road  
Glen Echo, MD 20812-1201  
301-492-6245

For Additional Information:

[www.nps.gov/clba](http://www.nps.gov/clba)

**Project** None

## Organizational Program Colonial National Historical Park

This park encompasses most of Jamestown Island, site of the first permanent English settlement; Yorktown, scene of the culminating battle of the American Revolution in 1781; a 23-mile parkway; and Cape Henry Memorial, which marks the approximate site of the first landing of Jamestown's colonists in 1607. Yorktown National Cemetery, containing Civil War gravesites-2,183 interments, 1,434 unidentified-adjoins the park; grave space is not available. Park: Colonial National Monument authorized July 3, 1930; established Dec. 30, 1930; redesignated June 5, 1936. Boundary changes: Aug. 22, 1933; June 5, 1936; June 15, 1938; Dec. 24, 1942; April 22, 1944; Dec. 23, 1944; May 12, 1948; Sept. 23, 1950; May 13, 1953; March 29, 1956; Aug. 29, 1967.

Cemetery: probable date of Civil War interments, 1866. Transferred from War Dept. Aug. 10, 1933.

Park acreage--9,349.28 Federal: 9,271.30 Nonfederal: 77.98. Cemetery acreage--2.91, all federal.

Contact:

Colonial  
National Historical Park  
P.O. Box 210  
Yorktown, VA 23690-0210  
757-898-3400

For Additional Information:

[www.nps.gov/colo](http://www.nps.gov/colo)

**Project** COLO0001 Ground Water Quality near Urban and Agricultural Land

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## National Park Service

### Uses

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**Organizational Program** Colorado National Monument

Sheer-walled canyons, towering monoliths, soaring arches, weird formations, dinosaur fossils, and remains of prehistoric Indian cultures reflect the environment and history of this colorful sandstone country.  
Proclaimed May 24, 1911. Boundary changes: March 3, 1933; Aug. 7, 1959; Oct. 21, 1976; Nov. 10, 1978.  
Acreage--20,533.93, all federal.

Contact:  
Colorado  
National Monument  
Fruita, CO 81521-0001  
970-858-3617

For Additional Information:  
[www.nps.gov/colm](http://www.nps.gov/colm)

**Project** COLM0001 USGS National Uranium Resource Evaluation Data-17

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**Organizational Program** Congaree Swamp National Monument

Congaree Swamp protects the last significant tract of southern bottomland hardwood forest in the U.S. It is home to a rich diversity of plant and animal species associated with an alluvial floodplain. Several national and state record trees are located within the park.  
Authorized Oct. 18, 1976. Boundary change: Oct. 24, 1988. Wilderness designated Oct. 24, 1988. Designated a Biosphere Reserve 1983.  
Acreage--21,867.02 Federal: 21,116.91 Nonfederal: 750.11. Wilderness area: 15,000.

Contact:  
Congaree Swamp  
National Monument  
200 Caroline Sims Road  
Hopkins, SC 29061-9118  
803-776-4396

For Additional Information:  
[www.nps.gov/cosw](http://www.nps.gov/cosw)

**Project** COSW0001 Metals in Bed Material in Congaree Swamp NM and Cedar Creek

**Project** COSW0002 Trace Metals in Sediments and the Asiatic Clam

**Project** COSW0003 Water Quality Study at Congaree Swamp NM - 1991

**Project** COSW0004 Impact of Urbanization, Agriculture and Silviculture on WQ

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**Organizational Program** Coronado National Memorial

In a natural setting on the Mexican border, the memorial both commemorates the first organized expedition into the Southwest led by Francisco Vasquez de Coronado in 1540 and affirms the ties that bind the United States to Mexico and Spain.  
Authorized as International Memorial Aug. 18, 1941; redesignated July 9, 1952; established Nov. 5, 1952. Boundary changes: Sept. 2, 1960; Nov. 10, 1978.  
Acreage-4,750.22 Federal: 4,743.10 Nonfederal: 7.12.

Contact:  
Coronado  
National Memorial  
4101 East Montezuma  
Canyon Road  
Hereford, AZ 85615-9376

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## National Park Service

520-366-5515

For Additional Information:  
[www.nps.gov/coro](http://www.nps.gov/coro)

<b>Project</b>	CORO0001	Abandoned Mineral Land Report for a Copper Mine
<b>Project</b>	CORO0002	USGS National Uranium Resource Evaluation Data-18
<b>Project</b>	CORO0003	Water Supply Investigation Montezuma Pass - 1966
<b>Project</b>	CORO0004	Hydrologic Conditions in the San Pedro River Valley - 1973

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### Organizational Program

Cowpens National Battlefield

Brig. Gen. Daniel Morgan won a decisive Revolutionary War victory here over British Lt. Col. Banastre Tarleton on Jan. 17, 1781.  
Established as a national battlefield site March 4, 1929; transferred from War Dept. Aug. 10, 1933; redesignated April 11, 1972. Boundary changes: July 18, 1958; April 11, 1972.  
Acreage--841.56 Federal: 788.71 Nonfederal: 52.85.

Contact:  
Cowpens  
National Battlefield  
P.O. Box 308  
Chesnee, SC 29323-0308  
864-461-2828

For Additional Information:  
[www.nps.gov/cowp](http://www.nps.gov/cowp)

<b>Project</b>	COWP0001	USGS National Uranium Resource Evaluation Data-19
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### Organizational Program

Crater Lake National Park

Crater Lake lies within the caldera of Mt. Mazama, a volcano of the Cascade Range that erupted about 7,700 years ago. The mountain collapsed, forming a caldera. Its greatest depth of 1,932 feet makes it the deepest lake in the United States.  
Established May 22, 1902. Boundary changes: June 7, 1924; May 14, 1932; Dec. 19, 1980; Sept. 8, 1982.  
Acreage--183,224.05 Federal: 183,223.77 Nonfederal: 0.28.

Contact:  
Crater Lake National Park  
P.O. Box 7  
Crater Lake, OR 97604-0007  
541-594-2211

For Additional Information:  
[www.nps.gov/crla](http://www.nps.gov/crla)

<b>Project</b>	CRLA0001	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-05
<b>Project</b>	CRLA0002	USGS National Uranium Resource Evaluation Data-20

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### Organizational Program

Craters of the Moon National Monument

Twisted, splattered lava, steep-sided cinder cones, tubelike caves, and lava flows 2,100 years old produce an amazing landscape. Visitors can also see spring wildflowers, experience the solitude of a high desert wilderness, and observe wildlife capable of surviving in this harsh environment.  
Proclaimed May 2, 1924. Boundary changes: July 23, 1928; July 9, 1930; June 5, 1936; July 18, 1941; Nov. 19, 1962. Wilderness designated Oct. 23, 1970.  
Acreage--53,440.05, all federal. Wilderness area: 43,243.

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### National Park Service

Contact:  
Craters of the Moon  
National Monument  
P.O. Box 29, Highway 26  
Arco, ID 83213-0029  
208-527-3257

For Additional Information:  
[www.nps.gov/crmo](http://www.nps.gov/crmo)

**Project** CRMO0001 Baseline Study of Water Resources on Craters of the Moon NM  
**Project** CRMO0002 USGS National Uranium Resource Evaluation Data-21

### Organizational Program Cumberland Gap National Historical Park

This mountain pass on the Wilderness Road, explored by Daniel Boone, developed into a main artery of the great trans-Allegheny migration for settlement of "the Old West" and an important military objective in the Civil War.  
Authorized June 11, 1940. Boundary changes: July 26, 1961; Oct. 26, 1974.  
Acreage--20,454.02 Federal: 20,441.22 Nonfederal: 12.80.

Contact:  
Cumberland Gap  
National Historical Park  
P.O. Box 1848  
Middlesboro, KY 40965-1848  
606-248-2817  
(Also in Virginia and Tennessee)

For Additional Information:  
[www.nps.gov/cuga](http://www.nps.gov/cuga)

**Project** CUGA0001 Coliforms of Several Creeks at Cumberland Gap NHP - 1991  
**Project** CUGA0002 Cumberland Gap NHP Stream Monitoring Program  
**Project** CUGA0003 USGS National Uranium Resource Evaluation Data-22

### Organizational Program Cumberland Island National Seashore

Magnificent and unspoiled beaches and dunes, marshes, and freshwater lakes, along with historic sites, make up the largest of Georgia's Golden Isles. Accessible by tour boat only.  
Established Oct. 23, 1972. Boundary change: Nov. 10, 1978. Wilderness designated Sept. 8, 1982. Designated a Biosphere Reserve in 1986.  
Acreage--36,415.39 Federal: 18,700.34 Nonfederal: 17,715.05. Land area: 26,153.10. Wilderness area: 8,840.

Contact:  
Cumberland Island  
National Seashore  
P.O. Box 806  
St. Marys, GA 31558-0806  
912-882-4335

For Additional Information:  
[www.nps.gov/cuis](http://www.nps.gov/cuis)

**Project** CUIS0001 Underground Storage Tank Initial Site Characterization

### Organizational Program Curecanti National Recreation Area

Three lakes-Blue Mesa, Morrow Point, and Crystal-extend for 40 miles along the Gunnison

# Program Summary

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### National Park Service

River and the Black Canyon, with excellent resources for water recreation, hiking, and camping. When full, Blue Mesa Lake is the largest lake in Colorado. Administered under cooperative agreement with Bureau of Reclamation, U.S. Dept. of the Interior, Feb. 11, 1965. Acreage--41,972.42, all federal.

Contact:  
Curecanti  
National Recreation Area  
102 Elk Creek  
Gunnison, CO 81230  
970-641-2337

For Additional Information:  
[www.nps.gov/cure](http://www.nps.gov/cure)

<b>Project</b>	CURE0001	Water Quality Trends at Blue Mesa Reservoir 1982-1985
<b>Project</b>	CURE0002	Ambient WQ Monitoring Program at Curecanti NRA
<b>Project</b>	CURE0003	Ecological Effects of Reservoir Operations on Blue Mesa Res.
<b>Project</b>	CURE0004	Baseline Water Quality Inventory for 1982-1985 and Later
<b>Project</b>	CURE0005	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-06
<b>Project</b>	CURE0006	USGS National Uranium Resource Evaluation Data-23

### Organizational Program

#### Cuyahoga Valley National Park

This area preserves rural landscapes along the Cuyahoga River between Cleveland and Akron, Ohio. The 20-mile Ohio & Erie Canal Towpath Trail follows the historic route of the canal. Historic structures and natural features can be seen as it continues along the Ohio and Erie Canal National Heritage Corridor. Authorized Dec. 27, 1974; established June 26, 1975. Boundary changes: Oct. 21, 1976; Nov. 10, 1978; Nov. 6, 1986. Acreage--32,853.33 Federal: 19,237.98 Nonfederal: 13,615.35.

Contact:  
Cuyahoga Valley  
National Park  
15610 Vaughn Road  
Brecksville, OH 44141-3018  
216-524-1497

For Additional Information:  
[www.nps.gov/cuva](http://www.nps.gov/cuva)

<b>Project</b>	CUVA0001	Water Quality Monitoring Program at Cuyahoga Valley NP
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Document/Graphic

### Organizational Program

#### Dayton Aviation Heritage National Historical Park

This park preserves sites associated with Wilbur and Orville Wright and the early development of aviation. It also honors the life and work of African American poet Paul Laurence Dunbar, a business associate and friend of Orville. The park includes a bicycle and printing shop, the 1905 Wright Flyer, the flying field at which the brothers perfected their flyer, and the Dunbar House State Memorial. Authorized Oct. 16, 1992. Acreage--85.65 Federal: 0.25 Nonfederal: 85.40.

Contact:  
Dayton Aviation Heritage  
National Historical Park  
P.O. Box 9280  
Wright Brothers Station

## Program Summary

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### National Park Service

Dayton, OH 44509-9280  
937-225-7705

For Additional Information:  
[www.nps.gov/daav](http://www.nps.gov/daav)

**Project** None

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### Organizational Program

De Soto National Memorial

The landing of Spanish explorer Hernando de Soto in Florida in 1539 and the first extensive organized exploration of what is now the southern United States by Europeans are commemorated here.

Authorized March 11, 1948. Boundary change: Sept. 8, 1960.  
Acreage--26.84 Federal: 24.78 Nonfederal: 2.06.

Contact:  
De Soto National Memorial  
P.O. Box 15390  
Bradenton, FL 34280-5390  
941-792-0458

For Additional Information:  
[www.nps.gov/deso](http://www.nps.gov/deso)

**Project** None

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### Organizational Program

Death Valley National Park

This large desert, nearly surrounded by high mountains, contains the lowest point in the Western Hemisphere. The area includes Scottys Castle, the grandiose home of a famous prospector, and other remnants of gold and borax mining.

Proclaimed a national monument Feb. 11, 1933; redesignated Oct. 31, 1994. Boundary changes: March 26, 1937; Jan. 17, 1952; Oct. 31, 1994. Designated a Biosphere Reserve 1984.

Acreage--3,367,627.68 Federal: 3,348,928.88 Nonfederal: 18,698.80.

Contact:  
Death Valley  
National Park  
P.O. Box 579  
Death Valley, CA 92328-0579  
760-786-2331  
(Also in Nevada)

For Additional Information:  
[www.nps.gov/deva](http://www.nps.gov/deva)

**Project** None

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### Organizational Program

Delaware Water Gap National Recreation Area

This scenic and historic area preserves relatively unspoiled land on both the New Jersey and Pennsylvania sides of the Middle Delaware River. The river segment flows through the famous gap in the Appalachian Mountains. The park is home to a crafts center and several environmental education centers.

Authorized Sept. 1, 1965. Boundary changes: Nov. 10, 1978; April 15, 1981; May 15, 1985; July 16, 1987; July 10, 1991.

Acreage--67,210.35 Federal: 55,437.82 Nonfederal: 11,772.53.

Contact:  
Delaware Water Gap  
National Recreation Area  
Bushkill, PA 18324-9410

## Program Summary

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### National Park Service

570-588-2451  
(Also in New Jersey)

For Additional Information:  
[www.nps.gov/dewa](http://www.nps.gov/dewa)

**Project** None

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### Organizational Program

Denali National Park and Denali National Preserve

The park contains North America's highest mountain, 20,320-foot Mount McKinley. Large glaciers of the Alaska Range, caribou, Dall sheep, moose, grizzly bears, and timber wolves are other highlights of this national park and preserve.

Established as Mt. McKinley National Park Feb. 26, 1917. Separate Denali National Monument proclaimed Dec. 1, 1978. Both incorporated into and established as Denali National Park and Denali National Preserve Dec. 2, 1980. Wilderness designated Dec. 2, 1980. Other boundary changes: Jan. 30, 1922; March 19, 1932. Designated a Biosphere Reserve 1976.

Acreage--National park: 4,740,906.73 Federal: 4,724,735.16 Nonfederal: 16,171.57.  
National preserve: 1,334,200  
Federal: 1,304,132 Nonfederal: 30,068. Wilderness area: 1,900,000.

Contact:  
Denali National Park and  
Denali National Preserve  
P.O. Box 9  
McKinley Park, AK 99755-  
0009  
907-683-2294

For Additional Information:  
[www.nps.gov/dena](http://www.nps.gov/dena)

**Project** None

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### Organizational Program

Devils Postpile National Monument

Hot lava cooled and cracked some 900,000 years ago to form basalt columns 40 to 60 feet high resembling a giant pipe organ. The John Muir Trail crosses the monument.

Proclaimed July 6, 1911; transferred from Forest Service, U.S. Dept. of Agriculture, Aug. 10, 1933.

Acreage--798.46, all federal.

Contact:  
Devils Postpile  
National Monument  
c/o Sequoia and Kings  
Canyon National Parks  
47050 Generals Hwy  
Three Rivers, CA 93271-9651  
559-565-3341

For Additional Information:  
[www.nps.gov/depo](http://www.nps.gov/depo)

**Project** DEPO0001 CA Department of Fish and Game Statewide Monitoring Program

**Project** DEPO0002 USGS National Uranium Resource Evaluation Data-24

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### Organizational Program

Devils Tower National Monument

Devils Tower, the nation's first national monument, is a high, isolated monolith of igneous rock, set upon a pine-clad pedestal within a bend of the Belle Fourche River.

Proclaimed Sept. 24, 1906. Boundary change: Aug. 9, 1955.

# Program Summary

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## National Park Service

Acreage--1,346.91, all federal.

Contact:  
Devils Tower  
National Monument  
P.O. Box 10  
Devils Tower, WY 82714-0010  
307-467-5283

For Additional Information:  
[www.nps.gov/deto](http://www.nps.gov/deto)

**Project** None

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## Organizational Program Dinosaur National Monument

The quarry here is the single most important Jurassic dinosaur paleontological site to be found anywhere. The monument also has a nearly complete stratigraphic geologic record. Proclaimed Oct. 4, 1915. Boundary changes: July 14, 1938; Sept. 8, 1960; Feb. 21, 1963; Oct. 9, 1964; Nov. 10, 1978.  
Acreage--210,844.02 Federal: 206,256.24 Nonfederal: 4,587.78.

Contact:  
Dinosaur  
National Monument  
4545 E. Highway 40  
Dinosaur, CO 81610-9724  
(Also in Utah)  
970-374-3000

For Additional Information:  
[www.nps.gov/dino](http://www.nps.gov/dino)

<b>Project</b>	DINO0001	Chemical Characteristics of Springs, Seeps, and Wells
<b>Project</b>	DINO0002	USGS National Uranium Resource Evaluation Data-25
<b>Project</b>	DINO0003	Water Quality Studies at Capitol Reef NP & Dinosaur NM-2
<b>Project</b>	DINO0004	Yampa River Fishes Study Final Report - 1982
<b>Project</b>	DINO0005	Ecological Characterization of Yampa and Green Rivers - 1981

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## Organizational Program Dry Tortugas National Park

Fort Jefferson was built 1846-66 to help control the Florida Straits. It is the largest all-masonry fortification in the Western world. The bird refuge and marine life are notable features. Proclaimed Fort Jefferson National Monument Jan. 4, 1935; renamed and redesignated Oct. 26, 1992.  
Acreage--64,700 Federal: 61,480 Nonfederal: 3,220. Land area: 39.28.

Contact:  
Dry Tortugas  
National Park  
c/o Everglades National Park  
40001 State Road 9336  
Homestead, FL 33034-6733  
305-242-7700

For Additional Information:  
[www.nps.gov/drto](http://www.nps.gov/drto)

**Project** None

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Ebey's Landing National Historical Reserve



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### National Park Service

**Organizational Program** This rural historic district preserves and protects an unbroken historical record of Puget Sound exploration and settlement from the 19th century to the present. Historic farms, still under cultivation in the prairies of Whidbey Island, reveal land use patterns unchanged since settlers claimed the land in the 1850s under the Donation Land Claim Act. The Victorian seaport community of Coupeville is also in the Reserve. LIMITED PUBLIC FACILITIES.  
Authorized Nov. 10, 1978.  
Acreage--19,000 Federal: 1,645.88 Nonfederal: 17,354.12.

Contact:  
Ebey's Landing  
National Historical Reserve  
P.O. Box 774  
Coupeville, WA 98239-0774  
360-678-6084

For Additional Information:  
[www.nps.gov/ebla](http://www.nps.gov/ebla)

<b>Project</b>	EBLA0001	Whidbey Island Intertidal & Shallow Subtidal Benthos - 1980
<b>Project</b>	EBLA0002	North Whidbey Island Baseline WQ Monitoring Program
<b>Project</b>	EBLA0003	Integrated Stormwater Management Plan

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### Organizational Program Edgar Allen Poe National Historic Site

The life and work of this gifted American author are portrayed in this three-building complex at 532 N. Seventh Street where Poe lived, 1843-44.  
Authorized Nov. 10, 1978; established Aug. 14, 1980.  
Acreage--0.52, all federal.

Contact:  
Edgar Allen Poe  
National Historic Site  
532 North 7th Street  
Philadelphia, PA 19123-3502  
215-597-8780

For Additional Information:  
[www.nps.gov/edal](http://www.nps.gov/edal)

**Project** None

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### Organizational Program Edison National Historic Site

Thomas Edison's laboratory and his 29-room residence, Glenmont, were home to the inventor from 1887 until 1931. At his "Invention Factory" he developed the phonograph, invented the movie camera and the nickel-iron-alkaline storage battery, and was awarded 1,093 patents. The complex includes his chemistry lab, machine shop, library, and the world's first motion picture studio.  
Edison Home National Historic Site designated Dec. 6, 1955; Edison Laboratory National Monument proclaimed July 14, 1956; areas combined as Edison National Historic Site Sept. 5, 1962. Boundary changes: Sept. 5, 1962; Oct. 21, 1976.  
Acreage--21.25, all federal.

Contact:  
Edison  
National Historic Site  
Main Street and  
Lakeside Avenue  
West Orange, NJ 07052-5515  
973-736-0550

For Additional Information:

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## National Park Service

[www.nps.gov/edis](http://www.nps.gov/edis)

**Project** None

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### Organizational Program Effigy Mounds National Monument

The monument preserves 200 prehistoric American Indian mound sites built along the Mississippi River between 450 B.C. and A.D. 1300, including 26 effigy mounds in the shapes of birds and bears. These mounds are outstanding examples of a significant phase of mound-building culture. The monument also protects wildlife and other natural features of the area. Proclaimed Oct. 25, 1949. Boundary change: May 27, 1961. Acreage--1,481.39, all federal.

Contact:  
Effigy Mounds  
National Monument  
151 Highway 76  
Harpers Ferry, IA 52146-7519  
319-873-3491

For Additional Information:  
[www.nps.gov/efmo](http://www.nps.gov/efmo)

<b>Project</b>	EFMO0001	Upper Iowa Univ.'s Long Term Resource Monitoring Program
<b>Project</b>	EFMO0002	Yellow River Rainfall Runoff and Low Flow WQ Studies
<b>Project</b>	EFMO0003	Summer Water Quality of the Upper Mississippi River Tribs.
<b>Project</b>	EFMO0004	WQ Survey of Bloody Run Creek and Sny Magill Creek Basins
<b>Project</b>	EFMO0005	Water Quality Survey of the Yellow River
<b>Project</b>	EFMO0006	USGS Paddle Fish Research Project

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### Organizational Program Eisenhower National Historic Site

This was the only home ever owned by Gen. Dwight D. Eisenhower and his wife, Mamie. It served as a refuge when he was President and as a retirement home after he left office. Designated Nov. 27, 1967; authorized by act of Congress Dec. 2, 1969. Boundary change: Nov. 10, 1978. Acreage--690.46, all federal.

Contact:  
Eisenhower  
National Historic Site  
97 Taneytown Road  
Gettysburg, PA 17325-1080  
717-338-9114

For Additional Information:  
[www.nps.gov/eise](http://www.nps.gov/eise)

<b>Project</b>	EISE0001	Marsh Creek Data Near Gettysburg Municipal Dam - 1997
<b>Project</b>	EISE0002	Youth Conservation Corps Stream Survey Data from 1974-1980-1

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### Organizational Program El Malpais National Monument

El Malpais is a spectacular volcanic area, featuring cinder cones, a 17-mile-long lava tube system, and ice caves. The area is also rich in ancient Pueblo and Navajo Indian history and features diverse ecosystems. Established Dec. 31, 1987. Acreage--114,276.95 Federal: 109,597.10 Nonfederal: 4,679.85.

## Program Summary

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### National Park Service

Contact:  
El Malpais  
National Monument  
P.O. Box 939  
Grants, NM 87020-0939  
505-285-4641

For Additional Information:  
[www.nps.gov/elma](http://www.nps.gov/elma)

<b>Project</b>	ELMA0001	Lava Tube Fire Impact Study at El Malpais NM
<b>Project</b>	ELMA0002	Misc. Data in William Werrell's Trip Report at NPS-WRD
<b>Project</b>	ELMA0003	USGS National Uranium Resource Evaluation Data-26
<b>Project</b>	ELMA0004	Water Samples from Domestic Wells and Springs
<b>Project</b>	ELMA0005	Hydrogeology of Cibola County, New Mexico by the USGS
<b>Project</b>	ELMA0006	USGS Stream-Sediment and Heavy-Mineral-Concentrate Samples
<b>Project</b>	ELMA0007	Biological Inventory of Six Lava Tubes - 1996

### Organizational Program

El Morro National Monument

'Inscription Rock" is a 200-foot sandstone monolith on which are carved thousands of inscriptions from early travelers. The monument also includes pre-Columbian petroglyphs and Pueblo Indian ruins.  
Proclaimed Dec. 8, 1906. Boundary changes: June 18, 1917; June 14, 1950.  
Acreage--1,278.72 Federal: 1,039.92 Nonfederal: 238.80.

Contact:  
El Morro  
National Monument  
Route 2, Box 43  
Ramah, NM 87321-9603  
505-783-4226

For Additional Information:  
[www.nps.gov/elmo](http://www.nps.gov/elmo)

<b>Project</b>	ELMO0001	Geological and Hydrological Assessment of El Morro NM
<b>Project</b>	ELMO0002	Stratigraphy, Sedimentology, and Surface WQ - 1995
<b>Project</b>	ELMO0003	USGS Chemical Analysis Form on File at NPS-WRD
<b>Project</b>	ELMO0004	USGS National Uranium Resource Evaluation Data-27
<b>Project</b>	ELMO0005	Geochemical Survey of the Historic Pool at El Morro NM

### Organizational Program

Eleanor Roosevelt National Historic Site

Eleanor Roosevelt used Val-Kill as a personal retreat from her busy life. Val-Kill Cottage is the focal point of the historic site. It was originally built as a factory building for Val-Kill Industries and was converted to a home in 1937.  
Authorized May 27, 1977.  
Acreage--180.50, all federal.

Contact:  
Eleanor Roosevelt  
National Historic Site  
519 Albany Post Road  
Hyde Park, NY 12538-1997  
914-229-9115

For Additional Information:  
[www.nps.gov/elro](http://www.nps.gov/elro)

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#### National Park Service

- Project** ELRO0001 Ambient WQ Monitoring Program at Eleanor Roosevelt NHS
- Project** ELRO0002 Pandullo-Quirk Associates Data from 1978 and 1979

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**Organizational Program** Eugene O'Neill National Historic Site

Tao House, near Danville, Calif., was built for Eugene O'Neill, who lived here from 1937 to 1944. Several of his best known plays, including "The Iceman Cometh" and "Long Day's Journey Into Night," were written here. Authorized Oct. 12, 1976. Acreage-13.19, all federal.

Contact:  
Eugene O'Neill  
National Historic Site  
P.O. Box 280  
Danville, CA 94526-0280  
510-838-0249

For Additional Information:  
[www.nps.gov/euon](http://www.nps.gov/euon)

- Project** EUON0001 Spring Schedule Data Sheet from 1980 in NPS-WRD

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**Organizational Program** Everglades National Park

This largest remaining subtropical wilderness in the coterminous United States has extensive freshwater and saltwater areas, open sawgrass prairies, and mangrove forests. Abundant wildlife includes rare and colorful birds. Authorized May 30, 1934; established Dec. 6, 1947. Boundary changes: July 2, 1958; Sept. 14, 1959; Sept. 2, 1960; Sept. 12, 1964; Oct. 17, 1969; Dec. 13, 1989. Wilderness designated Nov. 10, 1978. Designated a Biosphere Reserve 1976. Designated a World Heritage Site Oct. 24, 1979. Acreage--1,508,606.78 Federal: 1,462,994.10 Nonfederal: 45,612.69. Wilderness area: 1,296,500. Water area: 625,000.

Contact:  
Everglades National Park  
40001 State Road 9336  
Homestead, FL 33034-6733  
305-242-7700

For Additional Information:  
[www.nps.gov/ever](http://www.nps.gov/ever)

- Project** EVER0001 Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-07

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**Organizational Program** Federal Hall National Memorial

This graceful building is on the site of the original Federal Hall where the trial of John Peter Zenger, involving freedom of the press, was held in 1765; the Second Continental Congress met, 1785; Washington took the oath as first U.S. President and the Bill of Rights was adopted, 1789. Present buildings was completed 1842. The statue of Washington is by John Quincy Adams Ward. Designated as Federal Hall Memorial National Historic Site May 26, 1939; redesignated Aug. 11, 1955. Acreage--0.45, all federal.

Contact:  
Federal Hall  
National Memorial  
Manhattan Sites

# Program Summary

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## National Park Service

National Park Service  
26 Wall Street  
New York, NY 10005-1907  
212-825-6888

For Additional Information:  
[www.nps.gov/feha](http://www.nps.gov/feha)

**Project** None

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### Organizational Program Fire Island National Seashore

Ocean-washed beaches, dunes, Fire Island Light, and the nearby estate of William Floyd, a signer of the Declaration of Independence, make this park a blend of recreation, preservation, and conservation.

Authorized Sept. 11, 1964. Boundary changes: Oct. 9, 1965; Nov. 10, 1978. Established Sept. 11, 1984. Wilderness designated Dec. 23, 1980.

Acreage--19,578.55 Federal: 6,242.44 Nonfederal: 13,336.11. Land area: 16,486.43. Wilderness area: 1,363.

Contact:  
Fire Island  
National Seashore  
120 Laurel Street  
Patchogue, NY 11772-3596  
516-289-4810

For Additional Information:  
[www.nps.gov/fiis](http://www.nps.gov/fiis)

<b>Project</b>	FIIS0001	WQ Characteristics of Great South Bay and Contiguous Streams
<b>Project</b>	FIIS0002	Heavy Metal Accumulation in Great South Bay - 1978
<b>Project</b>	FIIS0003	Ecology of Great South Bay and Adjacent Waters - 1966
<b>Project</b>	FIIS0004	Sanitary Survey, 1967 by Bluepoints Co. Inc.
<b>Project</b>	FIIS0005	Water Quality at Fire Island NS by Rutgers Univ. - 1985
<b>Project</b>	FIIS0006	Lead in Water, Plankton, and Sediments of Great South Bay
<b>Project</b>	FIIS0007	Pollution of Navigable Waters of East Great South Bay - 1966
<b>Project</b>	FIIS0008	Suffolk Co. Dept. of Health Service Surface WQ Database

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### Organizational Program Florissant Fossil Beds National Monument

A wealth of fossil insects, leaves, fishes, birds, and small mammals are preserved here. Few areas in the world yield more fossil species. Here too are standing petrified sequoia stumps. Authorized Aug. 20, 1969.

Acreage--5,998.09 Federal: 5,992.32 Nonfederal: 5.77.

Contact:  
Florissant Fossil Beds  
National Monument  
P.O. Box 185  
Florissant, CO 80816-0185  
719-748-3253

For Additional Information:  
[www.nps.gov/flfo](http://www.nps.gov/flfo)

**Project** FLFO0001 EPA Colorado R-EMAP Program Data Collected in 1994 and 1995

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### National Park Service

- Project** FLFO0002 Ambient WQ Monitoring Program at Florissant Fossil Beds NM
- Project** FLFO0003 USGS National Uranium Resource Evaluation Data-28

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**Organizational Program** Fort Bowie National Historic Site

Established in 1862, the fort was the focal point of military operations against Geronimo and his band of Apaches. The site also preserves part of the Butterfield Overland Mail Route. Authorized Aug. 30, 1964; established July 29, 1972. Acreage-1,000, all federal.

Contact:  
Fort Bowie  
National Historic Site  
P.O. Box 158  
Bowie, AZ 85605-0158  
520-847-2500

For Additional Information:  
[www.nps.gov/fobo](http://www.nps.gov/fobo)

- Project** FOBO0001 Misc. WQ Data for Apache Spring in NPS-WRD Archive

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**Organizational Program** Fort Caroline National Memorial

Two centuries of French and Spanish colonial rivalry in North America began here with the establishment of a French Huguenot settlement, 1564-65. Authorized Sept. 21, 1950. Boundary changes: April 11, 1972; Nov. 10, 1978; Nov. 19, 1979. Acreage--138.39 Federal: 133.15 Nonfederal: 5.24.

Contact:  
Fort Caroline  
National Memorial  
12713 Fort Caroline Road  
Jacksonville, FL 32225-1240  
904-641-7155

For Additional Information:  
[www.nps.gov/foca](http://www.nps.gov/foca)

- Project** FOCA0001 Betsy Deuerling's WQ Data From the Jacksonville RES Dept.-1
- Project** FOCA0002 Spanish Pond Data Attached to a Letter from Dana Morton

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**Organizational Program** Fort Clatsop National Memorial

After reaching the Pacific Ocean, the Lewis and Clark Expedition camped here near the mouth of the Columbia River in the winter of 1805-06. The present fort is a reconstruction. Authorized May 29, 1958. Boundary change: Nov. 10, 1978. Acreage--125.20, all federal.

Contact:  
Fort Clatsop  
National Memorial  
92343 Ft Clatsop Road  
Astoria, OR 97103-9803  
503-861-2471

For Additional Information:  
[www.nps.gov/focl](http://www.nps.gov/focl)

- Project** FOCL0001 Lower Columbia River Backwater Reconnaissance

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## National Park Service

		Survey - 1994
<b>Project</b>	FOCL0002	Baseline Water Quality Inventory - 1998
<b>Project</b>	FOCL0003	Characteristics of the Youngs Bay Estuarine Environs - 1975
<b>Project</b>	FOCL0004	Recreationist Exposure to Human Pathogens
<b>Project</b>	FOCL0005	Water and Sediment Quality Study - 1996

---

### Organizational Program Fort Davis National Historic Site

Soldiers from Fort Davis, a key West Texas post, helped open the area to settlement and protected travelers along the San Antonio-El Paso Road from 1854 to 1891. Authorized Sept. 8, 1961; established July 4, 1963. Boundary change: Nov. 6, 1998. Acreage--473.91 Federal: 460 Nonfederal: 13.91.

Contact:  
Fort Davis  
National Historic Site  
P.O. Box 1456  
Fort Davis, TX 79734-1456  
915-426-3225

For Additional Information:  
[www.nps.gov/foda](http://www.nps.gov/foda)

**Project** None

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### Organizational Program Fort Donelson National Battlefield

The first major victory for the Union Army in the Civil War occurred here in February 1862 under the leadership of Ulysses S. Grant. Fort Donelson (Dover) National Cemetery-1,842 interments, 504 unidentified-adjoins the park. Park: Established as a national military park March 26, 1928; transferred from War Dept. Aug. 10, 1933; surrender house and river landing added Sept. 8, 1960; redesignated Aug. 9, 1985. Boundary changes: Aug. 30, 1937; Sept. 8, 1960. Cemetery: Probable date of Civil War interments 1867; transferred from War Dept. Aug. 10, 1933. Park acreage--551.69 Federal: 539.89 Nonfederal: 11.80. Cemetery acreage--15.34, all federal.

Contact:  
Fort Donelson  
National Battlefield  
P.O. Box 434  
Dover, TN 37058-0434  
615-232-5706

For Additional Information:  
[www.nps.gov/fodo](http://www.nps.gov/fodo)

**Project** None

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### Organizational Program Fort Frederica National Monument

Gen. James E. Oglethorpe built this British town and fort in 1736-48 during the Anglo-Spanish struggle for control of what is now the southeastern United States. Authorized May 26, 1936. Boundary changes: Sept. 20, 1950; May 16, 1958; July 3, 1984. Acreage--241.42 Federal: 239.19 Nonfederal: 2.23.

Contact:  
Fort Frederica  
National Monument  
Route 9, Box 286-C  
St. Simons Island,

# Program Summary

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## National Park Service

GA 31522-9710  
912-638-3639

For Additional Information:  
[www.nps.gov/fofr](http://www.nps.gov/fofr)

**Project** None

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### Organizational Program Fort Laramie National Historic Site

Fort Laramie, on the eastern Wyoming prairie, was a fur trading post from 1834 to 1849 and a major military post from 1849 to 1890. It figured prominently in the covered wagon migrations to Oregon and California.

Proclaimed a national monument July 16, 1938; redesignated April 29, 1960. Boundary changes: April 29, 1960; Nov. 10, 1978.

Acreage--832.85 Federal: 831.11 Nonfederal: 1.74.

Contact:  
Fort Laramie  
National Historic Site  
HC 72, Box 389  
Fort Laramie, WY 82212-0086  
307-837-2221

For Additional Information:  
[www.nps.gov/fofa](http://www.nps.gov/fofa)

<b>Project</b>	FOLA0001	USGS National Uranium Resource Evaluation Data-30
<b>Project</b>	FOLA0002	Wyoming Water Resources Data Center Data from Wyoming DEQ-2
<b>Project</b>	FOLA0003	WY Water Resources Data Center Data from WY Dept. of Ag.
<b>Project</b>	FOLA0004	WY Water Resources Data Center Data from WY G&F Dept-2

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### Organizational Program Fort Larned National Historic Site

This military outpost was established midway along the Santa Fe Trail in 1859 to protect the mail and travelers. The fort served as a bureau for the Indian Agency during much of the 1860s and was a key military base of operations during the Indian War of 1868-69.

Authorized Aug. 31, 1964; established Oct. 14, 1966.  
Acreage--718.39 Federal: 679.66 Nonfederal: 38.73.

Contact:  
Fort Larned  
National Historic Site  
Route 3, Box 69  
Larned, KS 67550-9321  
316-285-6911

For Additional Information:  
[www.nps.gov/fols](http://www.nps.gov/fols)

**Project** None

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### Organizational Program Fort Matanzas National Monument

This Spanish fort was built, 1740-42, to warn St. Augustine of British or other enemy approach from the south.

Proclaimed Oct. 15, 1924; transferred from War Dept. Aug. 10, 1933. Boundary changes: Jan. 9, 1935; March 24, 1948.

Acreage--227.76, all federal.



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## National Park Service

Contact:  
Fort Matanzas  
National Monument  
c/o Castillo de San Marcos  
National Monument  
1 Castillo Drive South  
St. Augustine, FL 32084-3699  
904-471-0116

For Additional Information:  
[www.nps.gov/foma](http://www.nps.gov/foma)

**Project** None

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### Organizational Program Fort McHenry National Monument and Historic Shrine

Successful defense of this fort in the War of 1812, Sept. 13-14, 1814, inspired Francis Scott Key to write "The Star Spangled Banner."  
Authorized as a national park March 3, 1925; transferred from War Dept. Aug. 10, 1933; redesignated Aug. 11, 1939. Boundary change: June 5, 1936.  
Acreage--43.26, all federal.

Contact:  
Fort McHenry  
National Monument and  
Historic Shrine  
End of East Fort Avenue  
Baltimore, MD 21230-5393  
410-962-4290

For Additional Information:  
[www.nps.gov/fomc](http://www.nps.gov/fomc)

**Project** None

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### Organizational Program Fort Necessity National Battlefield

Colonial troops commanded by Col. George Washington, then 22 years old, were defeated here in the opening battle of the French and Indian War on July 3, 1754.  
Established as a national battlefield site March 4, 1931; transferred from War Dept. Aug. 10, 1933; redesignated Aug. 10, 1961. Boundary change: Oct. 26, 1974.  
Acreage--902.80 Federal: 894.47 Nonfederal: 8.33.

Contact:  
Fort Necessity  
National Battlefield  
The National Pike  
R.D. 2, Box 528  
Farmington, PA 15437-9514  
724-329-5512

For Additional Information:  
[www.nps.gov/fone](http://www.nps.gov/fone)

**Project** FONE0001 USGS National Uranium Resource Evaluation Data-31

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### Organizational Program Fort Point National Historic Site

This classic brick and granite mid-19th-century coastal fort is the only one of its style on the west coast of the United States.  
Established Oct. 16, 1970.  
Acreage--29, all federal.

Contact:

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## National Park Service

Fort Point  
National Historic Site  
P.O. Box 29333, Presidio  
of San Francisco, CA 94129-0333  
415-556-1693

For Additional Information:  
[www.nps.gov/fopo](http://www.nps.gov/fopo)

**Project** None

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### Organizational Program Fort Pulaski National Monument

Fort Pulaski took 18 years and 25 million bricks to build, but in 30 hours, new, experimental rifled cannon tore great, gaping holes in its walls, forcing the Confederate garrison to surrender in 1862. The strategy of warfare and the role of fortifications was changed forever. Proclaimed Oct. 15, 1924; transferred from War Dept. Aug. 10, 1933. Boundary changes: June 26, 1936; May 25, 1959. Acreage--5,623.10 Federal: 5,365.13 Nonfederal: 257.97.

Contact:  
Fort Pulaski  
National Monument  
P.O. Box 30757  
Savannah, GA 31410-0757  
912-786-5787

For Additional Information:  
[www.nps.gov/fopu](http://www.nps.gov/fopu)

**Project** FOPU0001 Georgia DNR Shellfish Fecal Coliform Monitoring Program  
**Project** FOPU0002 Tritium Release to the Savannah River - 1992  
**Project** FOPU0003 Ambient WQ Monitoring Program at Fort Pulaski NM  
**Project** FOPU0004 Pollution History of the Savannah Estuary - 1994

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### Organizational Program Fort Raleigh National Historic Site

The first English settlement in North America was attempted here (1585-87). The fate of Sir Walter Raleigh's "Lost Colony" remains a mystery. Designated April 5, 1941. Boundary changes: Aug. 17, 1961; Nov. 16, 1990. Acreage--512.93 Federal: 355.45 Nonfederal: 157.48.

Contact:  
Fort Raleigh  
National Historic Site  
c/o Cape Hatteras  
National Seashore  
Route 1, Box 675  
Manteo, NC 27954-2708  
252-473-5772

For Additional Information:  
[www.nps.gov/fora](http://www.nps.gov/fora)

**Project** None

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### Organizational Program Fort Scott National Historic Site

Established in 1842 as a base for the U.S. Army's peacekeeping efforts along the "permanent Indian frontier," the fort was manned by dragoon and infantry soldiers who served in the Mexican War, provided armed escorts for parties on the Santa Fe and Oregon trails, surveyed unmapped country, and maintained contact with Plains Indians. The post was abandoned in

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### National Park Service

1853, but during the Civil War it was reactivated and served as headquarters for southern Kansas.

Authorized Oct. 19, 1978.

Acreage--16.69, all federal.

Contact:  
Fort Scott  
National Historic Site  
P.O. Box 918  
Old Fort Boulevard  
Fort Scott, KS 66701-0918  
316-223-0310

For Additional Information:  
[www.nps.gov/fosc](http://www.nps.gov/fosc)

**Project** None

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### Organizational Program Fort Smith National Historic Site

This was one of the first U.S. military posts in the Louisiana Territory and served as a base of operations for enforcing federal Indian policy from 1817 to 1896. The park contains the remains of two frontier military forts and a federal court.

Authorized Sept. 13, 1961. Boundary change: Oct. 21, 1976.

Acreage--75 Federal: 34.85 Nonfederal: 40.15.

Contact:  
Fort Smith  
National Historic Site  
P.O. Box 1406  
Fort Smith, AR 72902-1406  
501-783-3961  
(Also in Oklahoma)

For Additional Information:  
[www.nps.gov/fosm](http://www.nps.gov/fosm)

**Project** None

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### Organizational Program Fort Stanwix National Monument

The American stand here in August 1777 was a major factor in repulsing the British invasion from Canada. The fort was also the site of the treaty of Fort Stanwix with the Iroquois Nov. 5, 1768. The current fort is a complete reconstruction.

Authorized Aug. 21, 1935; acquisition completed 1973.

Acreage--15.52, all federal.

Contact:  
Fort Stanwix  
National Monument  
112. E. Park Street  
Rome, NY 13440-5816  
315-336-2090

For Additional Information:  
[www.nps.gov/fost](http://www.nps.gov/fost)

**Project** None

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### Organizational Program Fort Sumter National Monument

The first engagement of the Civil War took place here on April 12, 1861. The park also embraces Fort Moultrie, scene of the patriot victory of June 28, 1776--one of the early defeats of the British in the Revolutionary War. Together the forts reflect 171 years of seacoast

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## National Park Service

defense.  
Authorized April 28, 1948.  
Acreage--194.60 Federal: 194.37 Nonfederal: 0.23.

Contact:  
Fort Sumter  
National Monument  
1214 Middle Street  
Sullivans Island, SC 29482-  
9748  
803-883-3123

For Additional Information:  
[www.nps.gov/fosu](http://www.nps.gov/fosu)

<b>Project</b>	FOSU0001	Data to Support the EPA's EMAP-Estuarines Program
<b>Project</b>	FOSU0002	Dredging Permit for Proposed Concord St. Tour Boat Facility
<b>Project</b>	FOSU0003	Expanded Site Inspection Report - NPS Charleston Harbor Site
<b>Project</b>	FOSU0004	Demonstration Program Report, SC Aquarium - 1996
<b>Project</b>	FOSU0005	Characterization of Charleston Harbor Estuarine System
<b>Project</b>	FOSU0006	Site Inspection, Charleston Harbor Site, Concord Street
<b>Project</b>	FOSU0007	Remedial Investigation for Calhoun Park Area Site - 1996
<b>Project</b>	FOSU0008	Metals and Polycyclic Aromatic Hydrocarbons in the Harbor
<b>Project</b>	FOSU0009	Physical & Ecological Characterization of Charleston Harbor

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### Organizational Program Fort Union National Monument

Remnants of the Southwest's largest frontier fort, which played a key role in the Indian Wars and the Confederate defeat at Glorieta Pass, are preserved here. A large network of Santa Fe Trail ruts is still visible on the prairie.  
Established June 28, 1954.  
Acreage--720.60, all federal.

Contact:  
Fort Union  
National Monument  
P.O. Box 127  
Watrous, NM 87753-0127  
505-425-8025

For Additional Information:  
[www.nps.gov/foun](http://www.nps.gov/foun)

<b>Project</b>	FOUN0001	USGS National Uranium Resource Evaluation Data-32
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### Organizational Program Fort Union Trading Post National Historic Site

The principal fur-trading post of the American Fur Company on the Upper Missouri River, Fort Union served the Assiniboine, Crow, Cree, Ojibway, and Blackfeet tribes.  
Authorized June 20, 1966. Boundary change: Nov. 10, 1978.  
Acreage--443.80 Federal: 401.26 Nonfederal: 42.54.

Contact:  
Fort Union Trading Post  
National Historic Site  
15550 Highway 1804  
Williston, ND 58801-8680

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### National Park Service

701-572-9083  
(Also in Montana)

For Additional Information:  
[www.nps.gov/fous](http://www.nps.gov/fous)

**Project** None

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### Organizational Program

Fort Vancouver National Historic Site

From 1825 to 1849, Fort Vancouver was the western headquarters of the Hudson's Bay Company's fur trading operations. Under the leadership of John McLoughlin, the fort became the center of political, cultural, commercial, and manufacturing activities in the Pacific Northwest.

Authorized as a national monument June 19, 1948; redesignated June 30, 1961. Boundary changes: Jan. 15, 1958; June 30, 1961; April 4, 1972.  
Acreage--208.89 Federal: 201.73 Nonfederal: 7.16.

Contact:  
Fort Vancouver  
National Historic Site  
612 E. Reserve Street  
Vancouver, WA 98661-3811  
360-696-7655

For Additional Information:  
[www.nps.gov/fova](http://www.nps.gov/fova)

**Project** None

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### Organizational Program

Fort Washington Park

This fort across the Potomac from Mount Vernon was built to protect Washington, D.C. Construction was begun in 1814 to replace an 1809 fort destroyed during the War of 1812. The park has recreational facilities.  
Transfer from the War Dept. authorized May 29, 1930, effective Aug. 12, 1940.  
Acreage--341, all federal.

Contact:  
Fort Washington Park  
National Capital Parks, East  
1900 Anacostia Drive, SE  
Washington, DC 20020-6722  
301-763-4600

For Additional Information:  
[www.nps.gov/fowa](http://www.nps.gov/fowa)

**Project** None

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### Organizational Program

Fossil Butte National Monument

The monument is noted for its well-preserved Eocene fish. Fossil insects, snails, turtles, birds, bats, and plant remains are also found in the 50-million-year-old rock layers.  
Established Oct. 23, 1972.  
Acreage--8,198, all federal.

Contact:  
Fossil Butte  
National Monument  
P.O. Box 592  
Kemmerer, WY 83101-0592  
307-877-4455

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### National Park Service

For Additional Information:  
[www.nps.gov/fobu](http://www.nps.gov/fobu)

<b>Project</b>	FOBU0001	Ambient WQ Monitoring Program at Fossil Butte NM
<b>Project</b>	FOBU0002	USGS National Uranium Resource Evaluation Data-29
<b>Project</b>	FOBU0003	Wyoming Water Resources Data Center Data from the BLM
<b>Project</b>	FOBU0004	WY Water Resources Data Center Data from Western WY College

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### Organizational Program

 Frederick Law Olmsted National Historic Site

This was the first large scale landscape architecture office in the United States, founded by Frederick Law Olmsted Sr. and continued by his sons. The site includes the Olmsted Archives and the Olmsted Center for Landscape Preservation. Authorized Oct. 12, 1979. Boundary change: Nov. 12, 1998. Acreage--7.21 Federal: 1.75 Nonfederal: 5.46.

Contact:  
Frederick Law Olmsted  
National Historic Site  
99 Warren Street  
Brookline, MA 02146-5998  
617-566-1689

For Additional Information:  
[www.nps.gov/frla](http://www.nps.gov/frla)

**Project** None

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### Organizational Program

 Fredericksburg and Spotsylvania County Battlefields Memorial

Portions of four major Civil War Battlefields-Fredericksburg, Chancellorsville, the Wilderness, Spotsylvania Court House-Chatham Manor, Salem Church, and the historic building in which Stonewall Jackson died compose the park. Fredericksburg National Cemetery-15,333 interments, 12,746 unidentified-is within the park; grave space is not available. Park: Established Feb. 14, 1927; transferred from War Dept. Aug. 10, 1933. Boundary change: Oct. 27, 1992. Cemetery: Probable date of unidentified Civil War interments, 1865. Transferred from War Dept. Aug. 10, 1933. Park acreage--7,787.26 Federal: 6,461.07 Nonfederal: 1,326.19. Cemetery acreage--12, all federal.

Contact:  
Fredericksburg  
and Spotsylvania County  
Battlefields Memorial  
National Military Park  
120 Chatham Lane  
Fredericksburg, VA 22405-  
2508  
540-371-0802

For Additional Information:  
[www.nps.gov/frsp](http://www.nps.gov/frsp)

<b>Project</b>	FRSP0001	Phosphorus in Six VA Piedmont and Coastal Plain Wetlands
<b>Project</b>	FRSP0002	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-08
<b>Project</b>	FRSP0003	Ambient WQ Monitoring Program at FRSP
<b>Project</b>	FRSP0004	USGS National Uranium Resource Evaluation Data-34

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### National Park Service

#### Organizational Program Friendship Hill National Historic Site

This home on the Monongahela River near Point Marion, Pa., belonged to Albert Gallatin, Secretary of the Treasury, 1801-13, under Presidents Jefferson and Madison. Authorized Nov. 10, 1978. Acreage--674.56 Federal: 661.44 Nonfederal: 13.12.

Contact:  
Friendship Hill  
National Historic Site  
R.D. 1, Box 149A  
Point Marion, PA 15474  
724-725-9190

For Additional Information:  
[www.nps.gov/frhi](http://www.nps.gov/frhi)

<b>Project</b>	FRHI0001	Friendship Hill Project - Phase 1 Feasibility Study - 1985
<b>Project</b>	FRHI0002	Data Collected by Del Nimmo of CSU in 1992 and 1995
<b>Project</b>	FRHI0003	Use of a Constructed Wetland to Treat Acid Mine Drainage
<b>Project</b>	FRHI0004	USGS National Uranium Resource Evaluation Data-33

#### Organizational Program Gates of the Arctic National Park and Preserve

Lying north of the Arctic Circle, the park and preserve include a portion of the Central Brooks Range, the northernmost extension of the Rocky Mountains. Often referred to as the greatest remaining wilderness in North America, these units of the National Park System are characterized by jagged peaks, gentle arctic valleys, wild rivers, and numerous lakes. With adjacent Kobuk Valley National Park and Noatak National Preserve, they form one of the largest park areas in the world.

Proclaimed Gates of the Arctic National Monument Dec. 1, 1978; established as a national park and national preserve Dec. 2, 1980. Wilderness designated Dec. 2, 1980. Designated a Biosphere Reserve (portion) 1984.

Acreage--National park: 7,523,812.81 Federal: 7,076,076.39 Nonfederal: 447,736.42. National preserve: 948,628.9 Federal: 945,400 Nonfederal: 3,228.9. Wilderness area: 7,052,000.

Contact:  
Gates of the Arctic  
National Park and  
Gates of the Arctic  
National Preserve  
201 First Avenue  
Doyon Building  
Fairbanks, AK 99701-4848  
907-456-0281

For Additional Information:  
[www.nps.gov/gaar](http://www.nps.gov/gaar)

**Project** None

#### Organizational Program Gateway National Recreation Area

With more than 26,000 acres of marshes, wildlife sanctuaries, and recreational and athletic facilities; miles of sandy beaches; indoor and outdoor classrooms; picnicking and camping areas; as well as historic structures, old military installations, airfields, a lighthouse, and adjacent waters around New York harbor, this park offers urban residents in two states a wide range of recreational opportunities and educational perspectives throughout the year. Established Oct. 27, 1972.

Acreage--26,612.45 Federal: 20,452.53 Nonfederal: 6,159.92.

Contact:

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## National Park Service

Gateway  
National Recreation Area  
Floyd Bennett Field  
Building 69  
Brooklyn, NY 11234-7097  
718-338-3687  
(Also in New Jersey)

For Additional Information:  
[www.nps.gov/gate](http://www.nps.gov/gate)

**Project** GATE0001 Ambient WQ Monitoring Program at Gateway NRA

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### Organizational Program

Gauley River National Recreation Area

The 25 miles of the Gauley River and the 6 miles of the Meadow River pass through scenic gorges and valleys containing a wide variety of natural and cultural features. The Gauley River contains several Class V+ rapids, making it one of the most adventurous whitewater boating rivers in the East. Both rivers also provide excellent fishing opportunities. LIMITED FEDERAL FACILITIES.

Authorized Oct. 26, 1988.

Acreage--11,342.02 Federal: 2,188.19 Nonfederal: 9,153.83.

Contact:  
Gauley River  
National Recreation Area  
c/o New River Gorge  
National River  
P.O. Box 246  
Glen Jean, WV 25846-0246  
304-465-0508

For Additional Information:  
[www.nps.gov/gari](http://www.nps.gov/gari)

**Project** GARI0001 Ambient WQ Monitoring Program at Gauley River NRA

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### Organizational Program

General Grant National Memorial

This memorial to Ulysses S. Grant, the Union commander who brought the Civil War to an end, includes the tombs of General and Mrs. Grant. As the President of the United States (1869-77), Grant signed the act establishing the first national park, Yellowstone, March 1, 1872.

Dedicated April 27, 1897. National Park Service administration authorized Aug. 14, 1958.

Acreage--0.76, all federal.

Contact:  
General Grant  
National Memorial  
122nd Street and  
Riverside Drive  
New York, NY 10027-3703  
212-666-1640

For Additional Information:  
[www.nps.gov/gegr](http://www.nps.gov/gegr)

**Project** None

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### Organizational Program

George Rogers Clark National Historical Park

A classical memorial building, located near the site of old Fort Sackville, commemorates the capture of the fort from the British by Lt. Col. George Rogers Clark, Feb. 25, 1779, and the subsequent settlement of the region north of the Ohio River. The statue was sculpted by



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### National Park Service

Hermon MacNeil.  
Authorized July 23, 1966.  
Acreage--26.17, all federal.

Contact:  
George Rogers Clark  
National Historical Park  
401 S. Second Street  
Vincennes, IN 47591-1001  
812-882-1776

For Additional Information:  
[www.nps.gov/gero](http://www.nps.gov/gero)

**Project** None

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### Organizational Program

George Washington Birthplace National Monument

Birthplace of the first U.S. President, the park includes a memorial mansion and gardens and the tombs of several generations of Washingtons.

Established Jan. 23, 1930. Boundary changes: March 30, 1931; April 11, 1972; Nov. 10, 1978.

Acreage--550.23, all federal.

Contact:  
George Washington  
Birthplace  
National Monument  
1732 Popes Creek Road  
Washington's Birthplace, VA  
22443-9688  
804-224-1732

For Additional Information:  
[www.nps.gov/gewa](http://www.nps.gov/gewa)

**Project** GEWA0001 Alliance for the Chesapeake Bay Data

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### Organizational Program

George Washington Carver National Monument

The birthplace and childhood home of George Washington Carver, African American agronomist, educator, and humanitarian, includes a museum, Discovery Center, and a 3/4-mile trail passing the birthplace site, Boy Carver statue, restored 1881 Moses Carver House, and the Carver family cemetery.

Authorized July 14, 1943.

Acreage--210, all federal.

Contact:  
George Washington Carver  
National Monument  
5646 Carver Road  
Diamond, MO 64840  
417-325-4151

For Additional Information:  
[www.nps.gov/gwca](http://www.nps.gov/gwca)

**Project** None

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### Organizational Program

George Washington Memorial Parkway

The parkway, developed as a memorial to the first U.S. President, preserves the natural scenery along the Potomac River. It connects historic sites from Mount Vernon, where George Washington lived, past the Nation's Capital, which he founded, to the Great Falls of the

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## National Park Service

Potomac, where he demonstrated his skill as an engineer. Authorized May 29, 1930; transferred from Office of Public Buildings and Public Parks of the National Capital Aug. 10, 1933. On Nov. 28, 1989, the road in Maryland was renamed the Clara Barton Parkway. Boundary changes: May 13, 1947; Oct. 10, 1965; Oct. 21, 1976. Acreage--7,247.63 Federal: 7,088.61 Nonfederal: 159.02.

Contact:  
George Washington  
Memorial Parkway  
Turkey Run Park  
McLean, VA 22101-0001  
703-289-2500  
(Also in Maryland and the  
District of Columbia)

For Additional Information:  
[www.nps.gov/gwmp](http://www.nps.gov/gwmp)

**Project** None

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## Organizational Program

### Gettysburg National Military Park

The great Civil War battle fought here July 1-3, 1863, repulsed the second Confederate invasion of the North. Gettysburg National Cemetery--more than 7,000 interments, 1,668 unidentified--adjoins the park. At the dedication of the cemetery, Nov. 19, 1863, President Abraham Lincoln delivered his timeless Gettysburg Address. Park: Established Feb. 11, 1895; transferred from War Dept. Aug. 10, 1933. Boundary changes: Jan. 31, 1948; July 31, 1953; April 1, 1974. Cemetery: Beginning of Civil War interments, Oct. 1863. Placed under War Dept. July 14, 1870. Transferred from War Dept. Aug. 10, 1933. Boundary changes: June 19, 1948; Aug. 17, 1990. Park acreage--5,989.09 Federal: 4,179.33 Nonfederal: 1,809.76. Cemetery acreage--20.58, all federal.

Contact:  
Gettysburg  
National Military Park  
97 Taneytown Road  
Gettysburg, PA 17325-1080  
717-334-1124

For Additional Information:  
[www.nps.gov/gett](http://www.nps.gov/gett)

**Project** GETT0001 USGS National Uranium Resource Evaluation Data-35  
**Project** GETT0002 Feasibility Study Westinghouse Plant Site - 1989  
**Project** GETT0003 Water Resources Inventory by William Werrell, NPS-WRD-1  
**Project** GETT0004 Youth Conservation Corps Stream Survey Data from 1974-1980-2

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## Organizational Program

### Gila Cliff Dwellings National Monument

These well-preserved cliff dwellings were inhabited from about 1280 to the early 1300s. Proclaimed Nov. 16, 1907; transferred from Forest Service, U.S. Dept. of Agriculture, Aug. 10, 1933. Boundary change: April 17, 1962. Forest Service resumed administration of National Park Service area April 28, 1975. Acreage--533.13, all federal.

Contact:  
Gila Cliff Dwellings  
National Monument  
Route 11, Box 100

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## National Park Service

Silver City, NM 88061-0100  
505-536-9461

For Additional Information:  
[www.nps.gov/gicl](http://www.nps.gov/gicl)

**Project** GICL0001 USGS National Uranium Resource Evaluation Data-36

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### Organizational Program

Glacier Bay National Park and Glacier Bay National Preserve

Great tidewater glaciers, a dramatic range of plant communities from rocky terrain recently covered by ice to lush temperate rain forest, and a large variety of animals, including grizzly bears, mountain goats, whales, seals, and eagles, can be found within these parks. Proclaimed Glacier Bay National Monument Feb. 25, 1925; established as a national park and national preserve Dec. 2, 1980. Boundary changes: April 18, 1939; March 31, 1955; December 1, 1978. Wilderness designated Dec. 2, 1980. Designated a Biosphere Reserve 1986. Designated a World Heritage site in 1992. Acreage--National park: 3,224,793.55 Federal: 3,222,378.34 Nonfederal: 2,415.21. National preserve: 58,406, all federal. Wilderness area: 2,770,000.

Contact:  
Glacier Bay National Park and Glacier Bay  
National Preserve  
P.O. Box 140  
Gustavus, AK 99826-0140  
907-697-2232

For Additional Information:  
[www.nps.gov/glba](http://www.nps.gov/glba)

**Project** None

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### Organizational Program

Glacier National Park

With precipitous peaks ranging above 10,000 feet, this ruggedly beautiful land includes nearly 50 glaciers, numerous glacier-fed lakes and streams, a wide variety of wildflowers, and wildlife including grizzly bears and gray wolves. Established May 11, 1910. Boundary changes: Feb. 10, 1912; Feb. 27, 1915; July 31, 1939; Dec. 13, 1944; April 11, 1972; Jan. 26, 1978. Authorized as part of Waterton-Glacier International Peace Park May 2, 1932; proclaimed June 30, 1932. Designated a Biosphere Reserve 1976; designated Waterton-Glacier International Peace Park World Heritage Site Dec. 1995. Acreage--1,013,572.42 Federal: 1,013,153.96 Nonfederal: 418.46.

Contact:  
Glacier National Park  
West Glacier, MT 59936-0128  
406-888-7800

For Additional Information:  
[www.nps.gov/glac](http://www.nps.gov/glac)

**Project** GLAC0001 USGS National Uranium Resource Evaluation Data-37

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### Organizational Program

Glen Canyon National Recreation Area

The area encompasses more than a million acres of the nation's most rugged canyon country on the Colorado Plateau. Lake Powell stretches 186 miles behind Glen Canyon Dam; its 1,960 miles of shoreline provide a variety of water-recreation activities. Administered under cooperative agreements with Bureau of Reclamation, U.S. Dept. of the Interior, April 18, 1958, and Sept. 17, 1965. Established Oct. 27, 1972. Boundary change: Jan. 3, 1975. Acreage--1,254,306.19 Federal: 1,252,246.01 Nonfederal: 2,060.18.

## Program Summary

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#### National Park Service

Contact:  
Glen Canyon  
National Recreation Area  
P.O. Box 1507  
Page, AZ 86040-1507  
520-608-6200  
(Also in Arizona)

For Additional Information:  
[www.nps.gov/glca](http://www.nps.gov/glca)

<b>Project</b>	GLCA0001	Bacteriological WQ Monitoring by Glen Canyon N.R.A. Staff
<b>Project</b>	GLCA0002	Water Resources Descriptions and Database Canyonlands NP-2
<b>Project</b>	GLCA0003	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-09
<b>Project</b>	GLCA0004	Groundwater Resources in Canyonlands National Park - 1980-2
<b>Project</b>	GLCA0005	Monitoring in Response to Proposed Nuclear Waste Reposit.-3
<b>Project</b>	GLCA0006	USGS National Uranium Resource Evaluation Data-38
<b>Project</b>	GLCA0007	Water Resources Descriptions and Database Canyonlands NP-3

#### Organizational Program

Golden Gate National Recreation Area

The park encompasses shoreline areas of San Francisco, Marin, and San Mateo Counties, including ocean beaches, redwood forest, lagoons, marshes, military properties, a cultural center at Fort Mason, and Alcatraz Island. Established Oct. 27, 1972. Boundary changes: Dec. 26, 1974; Nov. 10, 1978; Sept. 8, 1980; Dec. 28, 1980; June 9, 1992. Designated a Biosphere Reserve 1988. Acreage--73,689.83 Federal: 30,125.12 Nonfederal: 43,564.71.

Contact:  
Golden Gate  
National Recreation Area  
Fort Mason, Building 201  
San Francisco, CA 94123-1308  
415-556-0560

For Additional Information:  
[www.nps.gov/goga](http://www.nps.gov/goga)

<b>Project</b>	GOGA0001	Rodeo Lagoon Nutrient Analysis by Biosystems Analysis -1993
<b>Project</b>	GOGA0002	Expansion and Development of the Presidio by USACOE - 1907
<b>Project</b>	GOGA0004	Presidio Storm Water Management Plan by NPS - 1994
<b>Project</b>	GOGA0005	Spawning and Rearing of Salmonids in Redwood Creek - 1988
<b>Project</b>	GOGA0006	Rodeo Lagoon, Rodeo Lake, & Rodeo Creek Characteristics-1993
<b>Project</b>	GOGA0007	Mountain Lake Monitoring Report November 1993-October 1994
<b>Project</b>	GOGA0008	Redwood Creek Aquatic Monitoring Report February-May 1994
<b>Project</b>	GOGA0009	Lobos Creek Monitoring Report June 1995-November 1995
<b>Project</b>	GOGA0010	Redwood Creek Aquatic Monitoring Report February-May 1995

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#### National Park Service

<b>Project</b>	GOGA0011	Phytoplankton in Rodeo Lagoon and Lake During Aug. 1996
<b>Project</b>	GOGA0012	Rodeo Valley/Tennessee Valley/Redwood Cr. WQ Report-1996-97
<b>Project</b>	GOGA0013	Results and Proposed Mitigation Measures-Lagunitas Cr. Basin
<b>Project</b>	GOGA0014	Draft Winter 1997-98 WQ Monitoring at Golden Gate Dairy
<b>Project</b>	GOGA0015	Winter 1997-98 WQ Monitoring at Golden Gate Tributary
<b>Project</b>	GOGA0016	Richmond Transport Facilities Construction Project-1997
<b>Project</b>	GOGA0017	Land Use Impacts on WQ and Quantity in Redwood Creek - 1995
<b>Project</b>	GOGA0018	Lobos Creek Sewer Failure Damage Assessment Report - 1996
<b>Project</b>	GOGA0019	Stinson Beach County Water District Wastewater Mgt. Reports
<b>Project</b>	GOGA0020	Agricultural Runoff Assessment - 1979
<b>Project</b>	GOGA0021	San Francisco Drinking Water Reservoir WQ Monitoring
<b>Project</b>	GOGA0022	Mountain Lake Water Quality Report 1996/1997
<b>Project</b>	GOGA0023	Oil Spill Impact on Fishes in Rodeo Lagoon and Muir Beach
<b>Project</b>	GOGA0024	Ecological Survey of Tomales Bay by Johnson - 1961-1
<b>Project</b>	GOGA0025	Analysis of USGS Water Quality Data 1986-1988
<b>Project</b>	GOGA0026	Limnological Data From Lakes in the San Francisco Bay Region
<b>Project</b>	GOGA0027	Habitat Recommendations for Lagunitas Creek - 1992

#### Organizational Program Golden Spike National Historic Site

The first transcontinental railroad in the United States was completed here on May 10, 1869, after the Central Pacific and Union Pacific Railroads built 1,776 miles of hand-made line. Designated April 2, 1957; National Park Service administration authorized July 30, 1965. Boundary changes: July 30, 1965; Sept. 8, 1980. Acreage--2,735.28 Federal: 2,203.20 Nonfederal: 532.08.

Contact:  
Golden Spike  
National Historic Site  
P.O. Box 897  
Brigham City, UT 84302-  
0897  
435-471-2209

For Additional Information:  
[www.nps.gov/gosp](http://www.nps.gov/gosp)

<b>Project</b>	GOSP0001	Thiokol Propulsion Data for Blue Creek Wastewater Discharge
<b>Project</b>	GOSP0002	Hydrologic Reconnaissance of the Promontory Mountains Area
<b>Project</b>	GOSP0003	Hydrologic Reconnaissance of Hansel Valley and Rozel Flat
<b>Project</b>	GOSP0004	Hydrologic Reconnaissance of the Blue Creek Valley Area
<b>Project</b>	GOSP0005	USGS National Uranium Resource Evaluation Data-39
<b>Project</b>	GOSP0006	Thiokol Propulsion Data Near Discharge Point on Blue Creek

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### National Park Service

#### Organizational Program Grand Canyon National Park

The park, focusing on the world-famous Grand Canyon of the Colorado River, encompasses 277 miles of the river, with adjacent uplands, from the southern terminus of Glen Canyon National Recreation Area to the eastern boundary of Lake Mead National Recreation Area. The forces of erosion have exposed an immense variety of formations which illustrate vast periods of geological history.

Grand Canyon Forest Reserve proclaimed Feb. 20, 1893; Grand Canyon Game Preserve proclaimed Nov. 28, 1906; Grand Canyon National Monument proclaimed Jan. 11, 1908; national park established Feb. 26, 1919; transferred from Forest Service, U. S. Dept. of Agriculture, Aug. 15, 1919. Boundary changes: Feb. 25, 1927; March 7, 1928. A separate Grand Canyon National Monument proclaimed Dec. 22, 1932. Boundary change: April 4, 1940. Marble Canyon National Monument proclaimed Jan. 20, 1969. All three units and portions of Glen Canyon and Lake Mead National Recreation Areas combined with additional lands as a national park Jan. 3, 1975. Designated a World Heritage Site Oct. 24, 1979. Acreage-1,217,403.3 Federal: 1,180,862.78 Nonfederal: 36,540.54.

Contact:  
Grand Canyon  
National Park  
P.O. Box 129  
Grand Canyon, AZ 86023-  
0129  
520-638-7888

For Additional Information:  
[www.nps.gov/grca](http://www.nps.gov/grca)

- |                |          |   |
|----------------|----------|---|
| <b>Project</b> | GRCA0001 | Ambient WQ Monitoring Program at Grand Canyon National Park |
| <b>Project</b> | GRCA0002 | USGS National Uranium Resource Evaluation Data-41           |

#### Organizational Program Grand Portage National Monument

This 9-mile portage was a vital link on one of the principal routes for Indians, explorers, missionaries, and fur traders heading for the Northwest. The Grand Portage post of the North West Company has been reconstructed at the eastern terminus of the Grand Portage on Lake Superior.

Designated a national historic site Sept. 15, 1951; redesignated Sept. 2, 1958. Acreage--709.97, all federal.

Contact:  
Grand Portage  
National Monument  
P.O. Box 668  
Grand Marais, MN 55604-  
0668  
218-387-2788

For Additional Information:  
[www.nps.gov/grpo](http://www.nps.gov/grpo)

- |                |          |   |
|----------------|----------|---|
| <b>Project</b> | GRPO0001 | Ecological Monitoring of Two Streams by Boyle and Richmond  |
| <b>Project</b> | GRPO0002 | Baseline Bacteriological Monitoring by Staff From 1981-1991 |

#### Organizational Program Grand Teton National Park

Grand Teton features a rugged, awe-inspiring mountain range with numerous piedmont lakes nestled along its flanks, and the wide, sagebrush-covered valley of Jackson Hole.

Established Feb. 26, 1929. Boundary change: Sept. 14, 1950-incorporation of part of former Jackson Hole National Monument proclaimed March 15, 1943. Portions of the monument were absorbed by National Elk Refuge, administered by U.S. Fish and Wildlife Service, and

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### National Park Service

Teton National Forest, administered by Forest Service, U.S. Dept. of Agriculture.  
Acreage--309,993.27 Federal: 307,619.71 Nonfederal: 2,373.55.

Contact:  
Grand Teton National Park  
P.O. Drawer 170  
Moose, WY 83012-0170  
307-739-3300

For Additional Information:  
[www.nps.gov/grte](http://www.nps.gov/grte)

<b>Project</b>	GRTE0001	Water Quality in the Backcountry by Farag and Woodward 1998
<b>Project</b>	GRTE0002	Limnological Survey of 70 Lakes and Ponds by Gulley - 1985
<b>Project</b>	GRTE0003	Water-Resources Investigations During FY 1972 by USGS-1
<b>Project</b>	GRTE0004	Microbial Studies of a High Alpine Water Supply by McFeters
<b>Project</b>	GRTE0005	Elk and Cattle Impact on WQ of Flat Creek by McFeters
<b>Project</b>	GRTE0006	Jackson L. Limnological Progress Report 1968-1969 by Hayden
<b>Project</b>	GRTE0007	Data Collected by Peter Hayden During 1976-1977
<b>Project</b>	GRTE0008	Ecology of Aquatic Invertebrates in the Snake River- 1967-1
<b>Project</b>	GRTE0009	Activities of the Jackson Hole Research Station - 1969
<b>Project</b>	GRTE0010	Ecosystem Integrity and Energy Flow in Wetlands - 1995-1
<b>Project</b>	GRTE0011	NPS Backcountry WQ Testing by Grand Teton National Park
<b>Project</b>	GRTE0012	USGS National Uranium Resource Evaluation Data-44
<b>Project</b>	GRTE0013	Stormwater and Snowmelt Runoff in Jackson, Wyoming - 1976
<b>Project</b>	GRTE0014	Data From the Teton Science School in Jackson Hole, Wyoming
<b>Project</b>	GRTE0015	Ecology and Succession After the 1974 Waterfalls Canyon Fire
<b>Project</b>	GRTE0016	Trophic State Evaluation of Selected Lakes by BYU 1995-97-1
<b>Project</b>	GRTE0017	WY Water Resources Data Center Data from a Private Citizen
<b>Project</b>	GRTE0018	Wyoming Water Resources Data Center Data from Wyoming DEQ-3
<b>Project</b>	GRTE0019	WY Water Resources Data Center Data from WY G&F Dept-3

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### Organizational Program Grant-Kohrs Ranch National Historic Site

This is the headquarters of a once wide-ranging 19th-century cattle empire. The site preserves the structures and artifacts associated with its operation and represents more than 125 years of ranching heritage. It is still a working cattle ranch.  
Authorized Aug. 25, 1972. Boundary changes: Aug. 31, 1981; Nov. 10, 1998.  
Acreage--1,618.38 Federal: 1,491.46 Nonfederal: 126.92.

Contact:  
Grant-Kohrs Ranch  
National Historic Site  
P.O. Box 790  
Deer Lodge, MT 59722-0790

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## National Park Service

406-846-3388

For Additional Information:  
[www.nps.gov/grko](http://www.nps.gov/grko)

- Project** GRKO0001 Diel Variation of Trace Metals in the Upper Clark Fork River
- Project** GRKO0002 USGS National Uranium Resource Evaluation Data-42

## Organizational Program

Great Basin National Park

A remnant icefield on 13,063-foot Wheeler Peak, an ancient bristlecone pine forest, 75-foot limestone Lexington Arch, and the tunnels and decorated galleries of Lehman Caves are the major features.

Lehman Caves National Monument proclaimed Jan. 24, 1922; transferred from the Forest Service, U.S. Dept. of Agriculture, Aug. 10, 1933; made part of Great Basin National Park when established Oct. 27, 1986.

Acreage--77,180, all federal.

Contact:  
Great Basin  
National Park  
Baker, NV 89311-9700  
775-234-7331

For Additional Information:  
[www.nps.gov/grba](http://www.nps.gov/grba)

- Project** GRBA0001 NPS Water and Wastewater Service Feasibility Study - 1991
- Project** GRBA0002 Isotope Hydrology of Lehman and Baker Creeks Drainages-1992
- Project** GRBA0003 Baker Water and Wastewater Feasibility Study - 1988
- Project** GRBA0004 Stream Habitat Inventory, Schell Resource Area by BLM-1981
- Project** GRBA0005 WQ Sampling in the Schell ES Area by BLM - 1979
- Project** GRBA0006 Hydrologic Inventory by the Bureau of Reclamation - 1994
- Project** GRBA0007 Environments in Lehman Caves by Bamberg - 1973
- Project** GRBA0008 Chemistry of Selected Lakes and Streams by Metcalf - 1992
- Project** GRBA0009 Surface WQ Monitoring Data Collected by Maintenance Division
- Project** GRBA0010 Ambient WQ Monitoring Program at Great Basin National Park
- Project** GRBA0011 Water Quality Analyses of Cave Springs Prior to Chlorination
- Project** GRBA0012 Effects of a Proposed Domestic Use Well on Rowland Springs
- Project** GRBA0013 USGS National Uranium Resource Evaluation Data-40
- Project** GRBA0014 Sampling of Public Water Supply Springs by NV Health Lab
- Project** GRBA0015 Chemical Characteristics of Surface Waters by Jacobs - 1993
- Project** GRBA0016 Great Basin Park Seepage Run, September 1-3, 1992 by USGS
- Project** GRBA0017 Water-Resources Appraisal of Snake Valley Area by USGS-1965

**Organizational Program** Great Egg Harbor Scenic and Recreational River



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## National Park Service

Running through or along the famous Pine Barrens of southern New Jersey, this river includes many of the Great Egg Harbor River's tributaries. The river is the largest canoeing river in the Barrens and is near the urban centers of Philadelphia, Trenton, Camden, and Wilmington. Authorized Oct. 27, 1992. Length: 129 miles. Acreage--undetermined.

Contact:  
Great Egg Harbor  
Scenic and  
Recreational River  
c/o Northeast Region  
National Park Service  
200 Chesnut Street  
Philadelphia, PA 19106-2818  
215-597-1582

For Additional Information:  
[www.nps.gov/greg](http://www.nps.gov/greg)

**Project** None

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**Organizational Program** Great Sand Dunes National Monument and Preserve

Among the largest and highest in the United States, these dunes were deposited over thousands of years by southwesterly winds blowing through the passes of the lofty Sangre de Cristo Mountains. Proclaimed March 17, 1932. Boundary changes: March 12, 1946; June 7, 1956; Nov. 10, 1978. Boundary change/redesignation as a National Park and Preserve authorized Nov. 22, 2000, pending acquisition of sufficient land having a sufficient diversity of resources. Wilderness designated Oct. 20, 1976; Aug. 13, 1993. Acreage--National Monument: 42,272.18 Federal: 40,076.16 Nonfederal: 2,196.02. National Preserve: 41,686 Federal: 41,676 Nonfederal: 10 Wilderness area: 73,136.

Contact:  
Great Sand Dunes  
National Monument and Preserve  
11500 Highway 150  
Mosca, CO 81146-9798  
719-378-2312

For Additional Information:  
[www.nps.gov/grsa](http://www.nps.gov/grsa)

**Project** GRSA0001 Water Resources Management Plan by NPS - 1997-1  
**Project** GRSA0002 USGS National Uranium Resource Evaluation Data-43  
**Project** GRSA0003 Fecal Coliform Data Collected by Staff During 1985

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**Organizational Program** Great Smoky Mountains National Park

The Smokies preserve exquisite flora and fauna and structures representing southern Appalachian mountain culture. Authorized May 22, 1926; established for administration and protection only Feb. 6, 1930; established for full development June 15, 1934. Boundary changes: April 19, 1930; July 19, 1932; June 15, 1934; June 11, 1940; Feb. 22, 1944; July 26, 1950; May 16, 1958; Sept. 9, 1963; Aug. 10, 1964; Aug. 9, 1969; Nov. 4, 1969. Designated a Biosphere Reserve 1976. Designated a World Heritage Site Dec. 6, 1983. Acreage--521,621.10 Federal: 520,976.63 Nonfederal: 644.47.

Contact:  
Great Smoky Mountains  
National Park  
107 Park Headquarters Road  
Gatlinburg, TN 37738-4102

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### National Park Service

423-436-1200  
(Also in North Carolina)

For Additional Information:  
[www.nps.gov/grsm](http://www.nps.gov/grsm)

**Project** None

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### Organizational Program

Greenbelt Park

Just 12 miles from Washington, D.C., this woodland park offers urban dwellers access to many forms of outdoor recreation, including camping all year. Transferred from Public Housing Authority Aug. 3, 1950. Acreage--1,175.99 Federal: 1,175.42 Nonfederal: 0.57.

Contact:  
Greenbelt Park  
6565 Greenbelt Road  
Greenbelt, MD 20770-3207  
301-344-3948

For Additional Information:  
[www.nps.gov/gree](http://www.nps.gov/gree)

**Project** GREE0001 NPS WQ Monitoring (1981-1984) to Document Development Impact

**Project** GREE0002 Discharge and Suspended Sediment Data From April 1983

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### Organizational Program

Guadalupe Mountains National Park

This lofty mountain mass rising out of the Chihuahuan desert is part of the world's most significant Permian limestone fossil reef. The park includes spectacular canyons and unusual flora and fauna. Authorized Oct. 15, 1966; established Sept. 30, 1972. Wilderness designated Nov. 10, 1978. Acreage--86,415.97 Federal: 86,189.97 Nonfederal: 226. Wilderness area: 46,850.

Contact:  
Guadalupe Mountains  
National Park  
H.C. 60, Box 400  
Salt Flat, TX 79847-9400  
915-828-3251

For Additional Information:  
[www.nps.gov/gumo](http://www.nps.gov/gumo)

**Project** GUMO0001 WQ in Guadalupe Mountains National Park by Dasher - 1980

**Project** GUMO0002 Limnology of McKittrick Creek by Owen Lind - 1979

**Project** GUMO0003 WQ Analysis of Six Springs by Michael Dick - 1975

**Project** GUMO0004 Ambient WQ Monitoring Program at Guadalupe Mountains NP

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### Organizational Program

Guilford Courthouse National Military Park

The battle fought here on March 15, 1781, opened the campaign that led to American victory in the Revolutionary War. The British lost a substantial number of troops at the battle, a factor in their surrender at Yorktown seven months later. Established March 2, 1917; transferred from War Dept. Aug. 10, 1933. Acreage--220.25, all federal.

Contact:

## Program Summary

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### National Park Service

Guilford Courthouse  
National Military Park  
2331 New Garden Road  
Greensboro, NC 27410  
336-288-1776

For Additional Information:  
[www.nps.gov/guco](http://www.nps.gov/guco)

**Project** GUCO0001 City of Greensboro Storm Water Services Biological Survey

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### Organizational Program Gulf Islands National Seashore

Offshore islands have sparkling white sand beaches, historic forts, and nature trails. Mainland features of this unit, which is located near Pensacola, include the Naval Live Oaks Reservation, beaches, and military forts. All areas in Florida are accessible by car. Authorized Jan. 8, 1971. Boundary change: Nov. 10, 1978. Acreage--135,607.15 Federal: 99,246.56 Nonfederal: 36,360.59. Land area: 19,445.46. (Acreage figures are for entire park, Florida and Mississippi units.)

Contact:  
Gulf Islands  
National Seashore  
1801 Gulf Breeze Parkway  
Gulf Breeze, FL 32561-5000  
904-934-2600  
(See also Mississippi)

For Additional Information:  
[www.nps.gov/guis](http://www.nps.gov/guis)

**Project** None

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### Organizational Program Hagerman Fossil Beds National Monument

Extraordinary fossils embedded in the banks of the Snake River have been exposed by the carving action of the river. Planning is underway to provide for continuing paleontological research and for the display and interpretation of fossil specimens. LIMITED FEDERAL FACILITIES. Authorized Nov. 18, 1988. Acreage--4,351.15 Federal: 3,841.78 Nonfederal: 509.37.

Contact:  
Hagerman Fossil Beds  
National Monument  
221 North State Street  
P.O. Box 570  
Hagerman, ID 83332-0570  
208-837-4793

For Additional Information:  
[www.nps.gov/hafo](http://www.nps.gov/hafo)

**Project** None

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### Organizational Program Haleakala National Park

A variety of areas, from the summit to the ocean, protect fragile native Hawaiian ecosystems, rare and endangered species, and cultural sites. Established as a part of Hawaii National Park Aug. 1, 1916; renamed Sept. 13, 1960. Boundary changes: Feb. 12, 1927; Jan. 10, 1969; Oct. 21, 1976. Wilderness designated Oct. 20, 1976. Designated a Biosphere Reserve 1980. Acreage--28,349.53 Federal: 27,619.23 Nonfederal: 730.30. Wilderness area: 19,270.

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## National Park Service

Contact:  
Haleakala National Park  
P.O. Box 369  
Makawao, Maui, HI 96768-0369  
808-572-4400

For Additional Information:  
[www.nps.gov/hale](http://www.nps.gov/hale)

**Project** HALE0001 Alelele Stream Assessment by Paul O'Connor, USGS -  
1995-1

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### Organizational Program Hamilton Grange National Memorial

The Grange, named after his grandfather's estate in Scotland, was the home of Alexander Hamilton, American statesman and first Secretary of the Treasury. Site is CLOSED to public indefinitely while under repair.  
Authorized April 27, 1962.  
Acreage--0.11, all federal.

Contact:  
Hamilton Grange  
National Memorial  
287 Convent Avenue  
New York, NY 10031-6302  
212-825-6990

For Additional Information:  
[www.nps.gov/hagr](http://www.nps.gov/hagr)

**Project** None

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### Organizational Program Hampton National Historic Site

This remnant of a vast landholding includes a Georgian mansion, gardens and grounds, and original stone slave quarters.  
Designated June 22, 1948. Boundary changes: Dec. 23, 1953; Nov. 10, 1978.  
Acreage--62.04 Federal: 61.54 Nonfederal: 0.50.

Contact:  
Hampton  
National Historic Site  
535 Hampton Lane  
Towson, MD 21286-1397  
410-823-1309

For Additional Information:  
[www.nps.gov/hamp](http://www.nps.gov/hamp)

**Project** None

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### Organizational Program Harpers Ferry National Historical Park

Because of its strategic location at the confluence of the Shenandoah and Potomac rivers, this town changed hands eight times during the Civil War. John Brown's raid took place here in 1859.  
Authorized as a national monument June 30, 1944; redesignated May 29, 1963. Boundary changes: July 14, 1960; Oct. 24, 1974; March 5, 1980; Oct. 6, 1989.  
Acreage--2,287.48 Federal: 2,158.80 Nonfederal: 128.68.

Contact:  
Harpers Ferry  
National Historical Park  
P.O. Box 65

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### National Park Service

Harpers Ferry, WV 25425-0065  
304-535-6298  
(Also in Maryland and Virginia)

For Additional Information:  
[www.nps.gov/hafe](http://www.nps.gov/hafe)

**Project** None

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### Organizational Program Harry S Truman National Historic Site

The site preserves the residences of Harry S Truman, the 33rd President. The Truman Home was his residence from 1919 to 1972, and was called the "Summer White House" during his administration. The site includes three other homes that were part of the family compound. The Truman Farm Home in Grandview, Missouri, was his residence from 1906 to 1917. It was the hub of a 600-acre family farming operation. Designated Dec. 8, 1982; National Park Service administration authorized May 23, 1983. Boundary change: Oct. 2, 1989. Acreage--6.67, all federal.

Contact:  
Harry S Truman  
National Historic Site  
223 North Main Street  
Independence, MO 64050-2804  
816-254-9929

For Additional Information:  
[www.nps.gov/hstr](http://www.nps.gov/hstr)

**Project** None

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### Organizational Program Hawaii Volcanoes National Park

Active volcanism and rare and endangered plant and animal communities are what people come to see. Established as part of Hawaii National Park Aug. 1, 1916; renamed Sept. 22, 1961. Boundary changes: May 1, 1922; April 11, 1928; June 20, 1938; Dec. 3, 1940; July 1, 1961; Nov. 10, 1978; Nov. 12, 1998. Wilderness designated Nov. 10, 1978. Designated a Biosphere Reserve 1980. Designated a World Heritage Site Dec. 10, 1987. Acreage-209,695.38 Federal: 207,643.38 Nonfederal: 2,052. Wilderness area: 123,100.

Contact:  
Hawaii Volcanoes  
National Park  
P.O. Box 52  
Hawaii National Park, HI  
96718-0052  
808-985-6000

For Additional Information:  
[www.nps.gov/havo](http://www.nps.gov/havo)

**Project** None

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### Organizational Program Herbert Hoover National Historic Site

The birthplace, Friends Meetinghouse, and boyhood neighborhood of the 31st President, the gravesite of President and Mrs. Hoover, and the Hoover Presidential Library and Museum are within the park. The library and museum are administered by the National Archives and Records Administration. Authorized Aug. 12, 1965.

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### National Park Service

Acreage--186.80 Federal: 181.11 Nonfederal: 5.69.

Contact:  
Herbert Hoover  
National Historic Site  
P.O. Box 607  
West Branch, IA 52358-0607  
319-643-2541

For Additional Information:  
[www.nps.gov/heho](http://www.nps.gov/heho)

<b>Project</b>	HEHO0001	Macroinvertebrate Assemblages in Great Plains Parks-2
<b>Project</b>	HEHO0002	Impact of City of West Branch's Water Treatment Facility
<b>Project</b>	HEHO0003	West Branch Wapsinoc Creek Data from Univ. of Iowa

### Organizational Program Hohokam Pima National Monument

Preserved here are the archeological remains of the Hohokam culture. Hohokam is a Pima Indian word meaning "those who have gone." NOT OPEN TO THE PUBLIC.

Authorized Oct. 21, 1972.  
Acreage--1,690, all nonfederal.

Contact:  
Hohokam Pima  
National Monument  
c/o Casa Grande Ruins  
National Monument  
1100 Ruins Drive  
Coolidge, AZ 85228  
520-723-3172

For Additional Information:  
[www.nps.gov/pima](http://www.nps.gov/pima)

**Project** None

### Organizational Program Home of Franklin D. Roosevelt National Historic Site

Springwood was the birthplace, lifetime residence, and "Summer White House" of the 32nd President. The gravesites of President and Mrs. Roosevelt are in the Rose Garden. Designated Jan. 15, 1944. Boundary changes: Oct. 23, 1952; Nov. 2, 1964; Jan. 23, 1974; March 3, 1975; June 7, 1984.  
Acreage--290.34, all federal.

Contact:  
Home of Franklin D.  
Roosevelt  
National Historic Site  
519 Albany Post Road  
Hyde Park, NY 12538-1997  
914-229-9115

For Additional Information:  
[www.nps.gov/hofr](http://www.nps.gov/hofr)

<b>Project</b>	HOFR0001	Ambient WQ Monitoring at Home of Franklin D. Roosevelt NHS
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### Organizational Program Homestead National Monument of America

This park, which includes the 160-acre claim filed by Daniel Freeman under The Homestead Act of 1862, is a memorial to the pioneers who settled the west. Among the features are a

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## National Park Service

typical log cabin, a restored frontier school, and more than 100 acres of restored tallgrass prairie.

Authorized March 19, 1936. Boundary change: Sept. 25, 1970.

Acreage--195.11 Federal: 189.20 Nonfederal: 5.91.

Contact:  
Homestead  
National Monument of  
America  
Route 3, Box 47  
Beatrice, NE 68310-9416  
402-223-3514

For Additional Information:  
[www.nps.gov/home](http://www.nps.gov/home)

**Project** HOME0001 Macroinvertebrate Assemblages in Great Plains Parks-3  
**Project** HOME0002 Ambient WQ Monitoring Program at Homestead NM of America

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### Organizational Program Hopewell Culture National Historical Park

Finely crafted artifacts of the Hopewell Culture (200 B.C. to A.D. 500) show that highly skilled artisans used an extensive trade network east of the Rocky Mountains. The 23 burial mounds at Mound City Group and large geometric earthworks provide an insight into the social, ceremonial, political, and economic life of the Hopewell people.

Proclaimed Mound City Group National Monument March 2, 1923; transferred from War Dept. Aug. 10, 1933; renamed and redesignated May 27, 1992. Boundary changes: April 3, 1952; Dec. 28, 1980; June 21, 1983; Jan. 8, 1990; Oct. 31, 1990; May 27, 1992.

Acreage--1,244.84 Federal: 573.55 Nonfederal: 671.29.

Contact:  
Hopewell Culture  
National Historical Park  
16062 State Route 104  
Chillicothe, OH 45601-8694  
740-774-1125

For Additional Information:  
[www.nps.gov/hocu](http://www.nps.gov/hocu)

**Project** None

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### Organizational Program Hopewell Furnace National Historic Site

This is one of the finest examples of a rural American 19th-century iron plantation. The buildings include a blast furnace, the ironmaster's mansion, and auxiliary structures. Hopewell Furnace was founded in 1771 by Mark Bird, the first ironmaster. The furnace operated until 1883.

Designated Hopewell Village National Historic Site Aug. 3, 1938; renamed Sept. 19, 1985.

Boundary changes: June 6, 1942; July 24, 1946.

Acreage--848.06, all federal.

Contact:  
Hopewell Furnace  
National Historic Site  
2 Mark Bird Lane  
Elverson, PA 19520-9505  
610-582-8773

For Additional Information:  
[www.nps.gov/hofu](http://www.nps.gov/hofu)

**Project** HOFU0001 French Creek Aquatic Biology Investigation by Boyer -

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#### National Park Service

		1993
<b>Project</b>	HOFU0002	French Creek Nutrient Related/Use Impairment Survey - 1988
<b>Project</b>	HOFU0003	Conestoga High School Advanced Biology Class Reports
<b>Project</b>	HOFU0004	USGS National Uranium Resource Evaluation Data-46
<b>Project</b>	HOFU0005	French Creek Special Protection Evaluation Report - 1996
<b>Project</b>	HOFU0006	French Creek WQ and Fish and Benthic Macroinvert. - 1971-1
<b>Project</b>	HOFU0007	Water Resource Management Plan by Sharpe - 1993

#### Organizational Program Horseshoe Bend National Military Park

On March 27, 1814, at the "horseshoe bend" on the Tallapoosa River, Gen. Andrew Jackson's forces broke the power of the Upper Creek Indian Confederacy and opened large parts of Alabama and Georgia to settlement.

Authorized July 25, 1956.

Acreage--2,040, all federal.

Contact:

Horseshoe Bend  
National Military Park  
11288 Horseshoe Bend Road  
Daviston, AL 36256  
256-234-7111

For Additional Information:

[www.nps.gov/hobe](http://www.nps.gov/hobe)

<b>Project</b>	HOBE0001	Mussel, Snail, and Crayfish Species of the Tallapoosa River
<b>Project</b>	HOBE0002	Lake Watch of Lake Martin (AL Water Watch and Auburn Univ.)
<b>Project</b>	HOBE0003	USGS National Uranium Resource Evaluation Data-45

#### Organizational Program Hot Springs National Park

The 47 hot springs, numerous hiking trails, and scenic drives are located in the forested Ouachita Mountains. Eight historically and architecturally significant bathhouses compose Bathhouse Row, a National Historic Landmark District. Thermal bathing continues today.

Hot Springs Reservation set aside April 20, 1832; dedicated to public use as a park June 16, 1880; redesignated March 4, 1921. Boundary changes: June 22, 1892; May 23, 1906; June 5, 1924; June 25, 1930; Feb. 14, 1931; June 15, 1936; June 24, 1938; Aug. 10, 1939; Aug. 24, 1954; Aug. 18, 1958; Sept. 21, 1959; Aug. 2, 1993

Acreage--5,549.46 Federal: 4,879.81 Nonfederal: 669.65.

Contact:

Hot Springs National Park  
P. O. Box 1860  
Hot Springs, AR 71902-1860  
501-624-3383

For Additional Information:

[www.nps.gov/hosp](http://www.nps.gov/hosp)

<b>Project</b>	HOSP0001	Limnological Study of Rick's Pond and Gulpha Creek - 1978
<b>Project</b>	HOSP0002	Misc. Lab Analyses from 1976 and 1979 in the WRD Archives
<b>Project</b>	HOSP0003	USGS National Uranium Resource Evaluation Data-47
<b>Project</b>	HOSP0004	The Hot Springs of Arkansas by U.S. Senate - 1902



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### National Park Service

**Project** HOSP0005 The Waters of Hot Springs National Park by USGS - 1974

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**Organizational Program** Hovenweep National Monument

Pre-Columbian Indians built these six groups of towers, pueblos, and cliff dwellings. Proclaimed March 2, 1923. Boundary changes: April 26, 1951; Nov. 20, 1952; April 6, 1956. Acreage--784.93, all federal.

Contact:  
Hovenweep  
National Monument  
McElmo Route  
Cortez, CO 81321-8901  
435-459-4344  
(Also in Utah)

For Additional Information:  
[www.nps.gov/hove](http://www.nps.gov/hove)

**Project** HOVE0001 Ambient WQ Monitoring Program at Hovenweep NM  
**Project** HOVE0002 USGS National Uranium Resource Evaluation Data-48  
**Project** HOVE0003 USGS Water Res. Invest. Reports 94-4041 and/or 97-4008-1

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**Organizational Program** Hubbell Trading Post National Historic Site

Little changed since its opening in 1878, Hubbell is one of the oldest continuously operated posts on the Navajo Reservation. It has been a bridge between cultures for generations. Authorized Aug. 28, 1965. Acreage-160.09, all federal.

Contact:  
Hubbell Trading Post  
National Historic Site  
P.O. Box 150  
Ganado, AZ 86505-0150  
520-755-3475

For Additional Information:  
[www.nps.gov/hutr](http://www.nps.gov/hutr)

**Project** HUTR0001 USGS National Uranium Resource Evaluation Data-49

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**Organizational Program** Independence National Historical Park

The park includes structures and sites in central Philadelphia associated with the American Revolution and the founding of the United States: Independence Hall, Congress Hall, Old City Hall, the Liberty Bell, the First and Second Banks of the United States, Franklin Court, Deshler-Morris House (in Germantown), and others. Authorized June 28, 1948; established July 4, 1956. On March 16, 1959, incorporated old Philadelphia Custom House (Second Bank of the United States), which had been designated a national historic site May 26, 1939. Other boundary changes: Aug. 21, 1958; Aug. 27, 1964; March 7, 1959; June 23, 1959; Sept. 14, 1959; Aug. 21, 1964; Oct. 26, 1974; Nov. 12, 1996. Independence Hall designated a World Heritage Site Oct. 24, 1979. Acreage--44.88 Federal: 20.88 Nonfederal: 24.

Contact:  
Independence  
National Historical Park  
313 Walnut Street  
Philadelphia, PA 19106-2778  
215-597-8787

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### National Park Service

For Additional Information:  
[www.nps.gov/inde](http://www.nps.gov/inde)

**Project** None

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#### Organizational Program

Indiana Dunes National Lakeshore

Dunes rise 180 feet above Lake Michigan's southern shore with beaches, bogs, marshes, swamps, and prairie remnants. Historic sites include an 1822 homestead and 1900s family farm. The Paul H. Douglas Center for Environmental Education and the Indiana Dunes Environmental Learning Center provide day-use and residential programs.

Authorized Nov. 5, 1966. Boundary changes: Oct. 18, 1976; Dec. 28, 1980; Oct. 29, 1986; Oct. 23, 1992.

Acreage--15,174.12 Federal: 10,584.16 Nonfederal: 4,589.96.

Contact:  
Indiana Dunes  
National Lakeshore  
1100 N. Mineral Springs Road  
Porter, IN 46304-1299  
219-926-7561

For Additional Information:  
[www.nps.gov/indu](http://www.nps.gov/indu)

**Project** None

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#### Organizational Program

Isle Royale National Park

This forested island, the largest in Lake Superior, is distinguished by its wilderness character, timber wolves, moose herd, and pre-Columbian copper mines.

Authorized March 3, 1931. Boundary changes: May 28, 1934; June 20, 1938; March 6, 1942; Aug. 14, 1958; April 11, 1972; Oct. 20, 1976. Wilderness designated Oct. 20, 1976.

Designated a Biosphere Reserve 1980.

Acreage--571,790.11 Federal: 539,281.87 Nonfederal: 32,508.24. Land area: 133,781.87. Wilderness area: 132,018.

Contact:  
Isle Royale National Park  
800 East Lakeshore Drive  
Houghton, MI 49931-1895  
906-482-0984

For Additional Information:  
[www.nps.gov/isro](http://www.nps.gov/isro)

**Project** None

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#### Organizational Program

James A. Garfield National Historic Site

This site preserves the family home and artifacts of the 20th President. It is open daily, with house tours available. The Western Reserve Historical Society and the National Park Service cooperatively manage the site.

Authorized Dec. 28, 1980; established July 15, 1996.

Acreage--7.82, all federal.

Contact:  
James A. Garfield  
National Historic Site  
8095 Mentor Avenue  
Mentor, OH 44060-5753  
216-225-8722

For Additional Information:

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### National Park Service

[www.nps.gov/jaga](http://www.nps.gov/jaga)

**Project** None

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**Organizational Program** Jean Lafitte National Historical Park and Preserve

The park consists of Barataria, Chalmette, the French Quarter, and the Acadian units. The Prairie Acadian Cultural Center at Eunice and the Wetlands Acadian Cultural Center at Thibodaux interpret Cajun culture and history. Barataria, south of New Orleans, has trails and canoe tours through bottomland hardwood forests, swamp, and marsh. Chalmette, east of New Orleans, was the scene of the 1815 Battle of New Orleans. The French Quarter unit interprets the ethnic population of the Delta.

Chalmette Unit established as Chalmette Monument and Grounds March 4, 1907; transferred from War Dept. Aug. 10, 1933; reestablished as Chalmette National Historical Park Aug. 10, 1939; incorporated in new park authorized Nov. 10, 1978.

Acreage--20,020 Federal: 10,665.99 Nonfederal: 9,354.01.

Contact:

Jean Lafitte  
National Historical Park  
and Preserve  
365 Canal Street, Suite 2400  
New Orleans, LA 70130-1142  
504-589-3882

For Additional Information:

[www.nps.gov/jela](http://www.nps.gov/jela)

**Project** None

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**Organizational Program** Jefferson National Expansion Memorial

Eero Saarinen's soaring stainless steel Gateway Arch on St. Louis's riverfront memorializes the city's role in westward expansion. Visitors can ascend the 630-foot arch and see extensive exhibits on American Indians, Thomas Jefferson, Lewis and Clark, and others in the underground Museum of Westward Expansion. In the nearby Old Courthouse a slave named Dred Scott sued for his freedom in 1846.

Designated Dec. 21, 1935; Gateway Arch authorized May 17, 1954. Boundary changes: Aug. 29, 1969; Aug. 26, 1992.

Acreage--192.83 Federal: 90.96 Nonfederal: 101.87.

Contact:

Jefferson  
National Expansion Memorial  
11 North 4th Street  
St. Louis, MO 63102-1882  
314-425-4465

For Additional Information:

[www.nps.gov/jeff](http://www.nps.gov/jeff)

**Project** None

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**Organizational Program** Jewel Cave National Monument

Limestone caverns consist of a series of chambers connected by narrow passages, with fine calcite crystal encrustations.

Proclaimed Feb. 7, 1908; transferred from Forest Service, U.S. Dept. of Agriculture, Aug. 10, 1933. Boundary change: Oct. 9, 1965.

Acreage--1,273.51, all federal.

Contact:

Jewel Cave  
National Monument

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### National Park Service

R.R. 1, Box 60AA  
Custer, SD 57730-9608  
605-673-2288

For Additional Information:  
[www.nps.gov/jeca](http://www.nps.gov/jeca)

<b>Project</b>	JECA0001	Data Collected and Analyzed by EPA Region 8
<b>Project</b>	JECA0002	Parking Lot Runoff Impacts Monitoring on Jewel Cave WQ
<b>Project</b>	JECA0003	Lead Monitoring by Staff at Jewel Cave National Monument
<b>Project</b>	JECA0004	USGS National Uranium Resource Evaluation Data-50
<b>Project</b>	JECA0005	Chloride and Nitrate Monitoring for Sewage Contamination
<b>Project</b>	JECA0006	Hydrologic Study of Jewel Cave/Wind Cave by Alexander-1

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### Organizational Program Jimmy Carter National Historic Site

The rural southern culture of Plains, Georgia, had a large influence in molding the character and in shaping the political policies of the 39th President of the United States. The site includes President Carter's residence and boyhood home. The Plains High School serves as the park visitor center. The railroad depot, which served as campaign headquarters during the 1976 election, houses additional exhibits. The area surrounding the residence is under the protection of the Secret Service, and no attempt should be made to enter. Authorized Dec. 23, 1987. Acreage--70.54 Federal: 20.79 Nonfederal: 49.75.

Contact:  
Jimmy Carter  
National Historic Site  
300 N. Bond St.  
Plains, GA 31780-0392  
912-824-3413

For Additional Information:  
[www.nps.gov/jica](http://www.nps.gov/jica)

**Project** None

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### Organizational Program John D. Rockefeller, Jr. Memorial Parkway

Linking Yellowstone and Grand Teton National Parks, this scenic 82-mile corridor commemorates Rockefeller's role in aiding the establishment of many parks, including Grand Teton. Authorized Aug. 25, 1972. Acreage--23,777.22, all federal.

Contact:  
John D. Rockefeller, Jr.  
Memorial Parkway  
c/o Grand Teton National  
Park, P.O. Drawer 170  
Moose, WY 83012-0170  
307-739-3300

For Additional Information:  
[www.nps.gov/jodr](http://www.nps.gov/jodr)

<b>Project</b>	JODR0001	Water-Resources Investigations During FY 1972 by USGS-2
<b>Project</b>	JODR0002	Ecology of Aquatic Invertebrates in the Snake River-

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### National Park Service

1967-2  
**Project** JODR0003 USGS National Uranium Resource Evaluation Data-51  
**Project** JODR0004 Trophic State Evaluation of Selected Lakes by BYU 1995-97-2  
**Project** JODR0005 WY DEQ Sampling on the Snake River at Flagg Ranch

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#### Organizational Program John Day Fossil Beds National Monument

Within the scenic John Day River valley is a well-preserved fossil record of plants and animals. This remarkably complete record, spanning more than 40 of the 65 million years of the Age of Mammals, is world-renowned.  
Authorized Oct. 26, 1974. Boundary change: Nov. 10, 1978.  
Acreage--14,056.73 Federal: 12,494.73 Nonfederal: 1,562.

Contact:  
John Day Fossil Beds  
National Monument  
HCR 82, Box 126  
Kimberly, OR 97848-0126  
541-987-2333

For Additional Information:  
[www.nps.gov/joda](http://www.nps.gov/joda)

**Project** None

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#### Organizational Program John Fitzgerald Kennedy National Historic Site

This house is the birthplace and early boyhood home of the 35th President.  
Authorized May 26, 1967.  
Acreage--0.09, all federal.

Contact:  
John Fitzgerald Kennedy  
National Historic Site  
83 Beals Street  
Brookline, MA 02146-3010  
617-566-7937

For Additional Information:  
[www.nps.gov/jofi](http://www.nps.gov/jofi)

**Project** None

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#### Organizational Program John Muir National Historic Site

The home of John Muir, adjacent Martinez Adobe, and his gravesite commemorate Muir's contributions.  
Authorized Aug. 31, 1964.  
Acreage--344.73 Federal: 334.72 Nonfederal: 10.01.

Contact:  
John Muir  
National Historic Site  
4202 Alhambra Avenue  
Martinez, CA 94553-3883  
925-228-8860

For Additional Information:  
[www.nps.gov/jomu](http://www.nps.gov/jomu)

**Project** None

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### National Park Service

#### Organizational Program Johnstown Flood National Memorial

A total of 2,209 people died in the Johnstown Flood of 1889, caused by a break in the South Fork Dam. Clara Barton successfully led the Red Cross in its first disaster relief effort. Authorized Aug. 31, 1964. Boundary changes: April 11, 1972; Nov. 10, 1978. Acreage--164.12 Federal: 155.37 Nonfederal: 8.75.

Contact:  
Johnstown Flood  
National Memorial  
c/o Allegheny Portage Railroad  
National Historic Site  
P.O. Box 189  
Cresson, PA 16630-0189  
814-495-4643

For Additional Information:  
[www.nps.gov/jofl](http://www.nps.gov/jofl)

- |                |          |  |
|----------------|----------|--|
| <b>Project</b> | JOFL0001 | Unpublished Data Collected by Joseph Carney, Univ. of Pitt.  |
| <b>Project</b> | JOFL0002 | WQ and Acid Mine Drainage in the Little Conemaugh R.-1995-2  |
| <b>Project</b> | JOFL0003 | USGS National Uranium Resource Evaluation Data-52            |
| <b>Project</b> | JOFL0004 | Lab Reports About White Precipitate in St. Michael Tributary |

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#### Organizational Program Joshua Tree National Park

A representative stand of Joshua trees and a great variety of plants and animals exist in this desert region. Proclaimed a national monument Aug. 10, 1936; redesignated Oct. 31, 1994. Boundary changes: Sept. 25, 1950; June 30, 1961; Oct. 31, 1994. Wilderness designated Oct. 20, 1976. Designated a Biosphere Reserve 1984. Acreage--1,022,976.02 Federal: 782,828.97 Nonfederal: 240,147.05. Wilderness area: 429,690.

Contact:  
Joshua Tree  
National Park  
74485 National Park Drive  
Twentynine Palms, CA  
92277-3597  
760-367-5500

For Additional Information:  
[www.nps.gov/jotr](http://www.nps.gov/jotr)

- |                |          |  |
|----------------|----------|--|
| <b>Project</b> | JOTR0001 | Chemical Analysis of Selected Pothole Water Sources - 1993-2 |
| <b>Project</b> | JOTR0002 | Baseline Water Quality Survey by Larson et. al. - 1998       |
| <b>Project</b> | JOTR0003 | USGS National Uranium Resource Evaluation Data-53            |
| <b>Project</b> | JOTR0004 | Hydrologic Reconnaissance of Mohave Region by USGS - 1929-1  |
| <b>Project</b> | JOTR0005 | Misc. USGS Sampling Results in WRD Archives                  |
| <b>Project</b> | JOTR0006 | Ground Water and Related Geology by USGS - 1963              |

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#### Organizational Program Kalaupapa National Historical Park

This park contains the site of the Molokai Island Hansen's disease (leprosy) settlement (1886-1969), areas relating to early settlement, and habitats for rare and endangered species. Authorized Dec. 22, 1980.

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Acreage-10,778.88 Federal: 22.88 Nonfederal: 10,756. Water area: 2,000.

Contact:  
Kalaupapa  
National Historical Park  
P.O. Box 2222  
Kalaupapa, HI 96742-2222  
808-567-6802

For Additional Information:  
[www.nps.gov/kala](http://www.nps.gov/kala)

**Project** KALA0001 Alelele Stream Assessment by Paul O'Connor, USGS - 1995-2

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## Organizational Program Kaloko-Honokohau National Historical Park

This was the site of important Hawaiian settlements before the arrival of European explorers. It includes coastal areas, three large fishponds, a house site, and other archeological remnants. The park is intended to preserve the native culture of Hawaii.

Established Nov. 10, 1978.

Acreage--1,160.91 Federal: 615.90 Nonfederal: 545.01.

Contact:  
Kaloko-Honokohau  
National Historical Park  
73-4786 Kanalani Street 14  
Kailua Kona, HI 96740-2608  
808-329-6881

For Additional Information:  
[www.nps.gov/kaho](http://www.nps.gov/kaho)

**Project** KAH00001 Assessment of Kaloko Pond, Marsh, and Anchialine Pools-1991

**Project** KAH00002 Anchialine Pools in Awakee, Kohanaiki, and Makalawena - 1987

**Project** KAH00003 Aquatic Survey of Kona Coast Ponds, Hawaii Island - 1974-1

**Project** KAH00004 Waikoloa Anchialine Pond Program, 5th Status Report - 1994-1

**Project** KAH00005 Biological and WQ Characteristics of Anchialine Resources

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## Organizational Program Katmai National Park and Katmai National Preserve

Variety marks this vast land: lakes, forests, mountains, and marshlands all abound in wildlife. The Alaska brown bear, the world's largest carnivore, thrives here, feeding upon red salmon that spawn in the many lakes and streams. Wild rivers and renowned sport fishing add to the attractions of this subarctic environment. Here, in 1912, Novarupta Volcano erupted violently, forming the ash-filled "Valley of Ten Thousand Smokes" where steam rose from countless fumaroles.

Proclaimed Katmai National Monument Sept. 24, 1918; established as a national park and national preserve Dec. 2, 1980. Boundary changes: April 24, 1931; Aug. 4, 1942; Jan. 20, 1969; Dec. 1, 1978; Dec. 2, 1980. Wilderness designated Dec. 2, 1980.

Acreage--National park: 3,674,529.68 Federal: 3,611,504.72 Nonfederal: 63,024.96.

National preserve: 418,699.22 Federal: 382,074 Nonfederal: 36,625.22. Wilderness area: 3,473,000.

Contact:  
Katmai National Park and  
Katmai National Preserve  
P.O. Box 7

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#### National Park Service

King Salmon, AK 99613-0007  
907-246-3305

For Additional Information:  
[www.nps.gov/katm](http://www.nps.gov/katm)

<b>Project</b>	KATM0001	Chemical Survey of Alagnak and Naknek Rivers Lakes-1992
<b>Project</b>	KATM0002	Brooks Camp Monitoring and Remediation Well Installation
<b>Project</b>	KATM0003	Optimum Escapements of Sockeye Salmon by Burgner - 1969
<b>Project</b>	KATM0004	Exxon Valdez Oil Spill Research and Restoration 1994 CDROM-1
<b>Project</b>	KATM0005	Geochemistry of Waters in the Valley of Ten Thousand Smokes
<b>Project</b>	KATM0006	Ambient WQ Monitoring Program at Katmai NP and Preserve
<b>Project</b>	KATM0007	Baseline Inventory of the Aquatic Resources of Aniakchak-2
<b>Project</b>	KATM0008	Revised Plan for the Katmai Scientific Drilling Project-1992
<b>Project</b>	KATM0009	WQ Inventory and Monitoring by LaPerriere - 1996
<b>Project</b>	KATM0010	Nitrogen Fixation by Lichens in a Sub-Arctic Watershed
<b>Project</b>	KATM0011	Primary Productivity Limiting Factors in 3 Lakes by Goldman
<b>Project</b>	KATM0012	Baseline Hydrocarbon Study Interim Report by USFWS - 1997-2

#### Organizational Program

##### Kenai Fjords National Park

The park includes one of the four major ice caps in the U.S., the 300-square-mile Harding Icefield, and coastal fjords. Here a rich, varied rainforest is home to tens of thousands of breeding birds, and adjoining marine waters support a multitude of sea lions, sea otters, and seals. The visitor center is in Seward, 10 miles from the park.

Proclaimed a national monument Dec. 1, 1978; established as a national park Dec. 2, 1980. Acreage--669.982.99 Federal: 599,944.02 Nonfederal: 70,038.97.

##### Contact:

Kenai Fjords National Park  
P.O. Box 1727  
Seward, AK 99664-1727  
907-224-3175

For Additional Information:  
[www.nps.gov/kefj](http://www.nps.gov/kefj)

<b>Project</b>	KEFJ0001	Copper in Resurrection Fjord by David T. Heggie - 1983
<b>Project</b>	KEFJ0002	Exxon Valdez Oil Spill Research and Restoration 1994 CDROM-2
<b>Project</b>	KEFJ0003	USGS National Uranium Resource Evaluation Data-54
<b>Project</b>	KEFJ0004	National Weather Service Gage (June-Nov. 1998) Temp. Data
<b>Project</b>	KEFJ0005	Salmonids and Benthic Macroinvertebrates in New Stream-1999

#### Organizational Program

##### Kennesaw Mountain National Battlefield Park

Eleven miles of Union and Confederate earthworks are preserved within the park. These earthworks mark the sites of the battles of Kolb's Farm, June 22, 1864, and Kennesaw Mountain, June 27, 1864. Gen. William T. Sherman's southward advance was temporarily



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halted here by Gen. Joseph T. Johnston and the stalwart defense of his Confederates. Authorized as a national battlefield site Feb. 8, 1917; transferred from War Dept. Aug. 10, 1933; redesignated June 26, 1935. Boundary change: Aug. 9, 1939. Acreage--2,884.14 Federal: 2,879.60 Nonfederal: 4.54.

Contact:  
Kennesaw Mountain  
National Battlefield Park  
905 Kennesaw  
Mountain Drive  
Kennesaw, GA 30152  
770-427-4686

For Additional Information:  
[www.nps.gov/kemo](http://www.nps.gov/kemo)

**Project** KEMO0001 Ambient WQ Monitoring Program at Kennesaw Mountain  
NB Park

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### Organizational Program Keweenaw National Historical Park

The park preserves a variety of features relating to the first significant copper mining in the U.S. The park largely incorporates the existing Calumet and Quincy National Historic Landmarks. UNDER DEVELOPMENT.  
Established Oct. 27, 1992.  
Acreage--1,870, all nonfederal.

Contact:  
Keweenaw  
National Historical Park  
P.O. Box 471  
Calumet, MI 49913-0471  
906-337-3168

For Additional Information:  
[www.nps.gov/kewe](http://www.nps.gov/kewe)

**Project** None

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### Organizational Program Kings Canyon National Park

Two enormous canyons of the Kings River and the summit peaks of the High Sierra dominate this mountain wilderness.  
General Grant National Park established Oct. 1, 1890; renamed and enlarged March 4, 1940. Other boundary changes: June 21, 1940; Aug. 14, 1958; Aug. 6, 1965. Wilderness designated Sept. 28, 1984. Designated a Biosphere Reserve 1976.  
Acreage--461,901.20 Federal: 461,845.42 Nonfederal: 55.78. Wilderness area: 456,552.

Contact:  
Kings Canyon National Park  
47050 Generals Hwy  
Three Rivers, CA 93271-9651  
559-565-3341

For Additional Information:  
[www.nps.gov/seki](http://www.nps.gov/seki)

**Project** KICA0001 Distribution of Aquatic Animals Relative to Acidic Waters  
**Project** KICA0002 Ambient WQ Data for KICA 1981-1988 From Harold  
Werner, NPS

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### Organizational Program Kings Mountain National Military Park

American frontiersmen defeated the British here on Oct. 7, 1780, at a critical point during the

## Program Summary

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### National Park Service

Revolution. The park is in South Carolina near the state line.  
Established March 3, 1931; transferred from War Dept. Aug. 10, 1933. Boundary change:  
June 23, 1959.  
Acreage--3,945.29, all federal.

Contact:  
Kings Mountain  
National Military Park  
2625 Park Road  
Blacksburg, SC 29702  
864-936-7921

For Additional Information:  
[www.nps.gov/kimo](http://www.nps.gov/kimo)

**Project** KIMO0001 Ambient WQ Monitoring Program at Kings Mountain NMP

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### Organizational Program

Klondike Gold Rush National Historical Park  
Historic buildings and museum exhibits in Skagway and portions of Chilkoot and White Pass Trails, all prominent in the 1898 gold rush, are included in the park. A visitor center is located in downtown Skagway.  
Authorized June 30, 1976.  
Acreage--13,191.35 Federal: 2,418.93 Nonfederal: 10,772.42.

Contact:  
Klondike Gold Rush  
National Historical Park  
P.O. Box 517  
Skagway, AK 99840-0517  
907-983-2921  
(See also Washington)

For Additional Information:  
[www.nps.gov/klgo](http://www.nps.gov/klgo)

**Project** KLGO0001 Ecological Inventory by Paustian et. al., USFS - 1994  
**Project** KLGO0002 USGS National Uranium Resource Evaluation Data-55

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### Organizational Program

Knife River Indian Villages National Historic Site  
The park contains archeological and historic remnants of the Plains Indian culture and agricultural lifeway. The site features earthlodge villages of the Hidatsa and Mandan.  
Authorized Oct. 26, 1974. Boundary change: Oct. 15, 1990.  
Acreage--1,758.35 Federal: 1,593.65 Nonfederal: 164.70.

Contact:  
Knife River Indian Villages  
National Historic Site  
P.O. Box 9  
Stanton, ND 58571-0009  
701-745-3300

For Additional Information:  
[www.nps.gov/knri](http://www.nps.gov/knri)

**Project** None

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### Organizational Program

Kobuk Valley National Park  
Embracing the central valley of the Kobuk River, the park, located north of the Arctic Circle, includes a blend of biological, geological, and cultural resources. Here, in the northmost extent of the boreal forest, a rich array of arctic wildlife can be found, including caribou, grizzly and black bear, wolf, and fox. LIMITED FEDERAL FACILITIES.

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## National Park Service

Proclaimed a national monument Dec. 1, 1978; established as a national park Dec. 2, 1980. Wilderness designated Dec. 2, 1980. Acreage--1,750,697.75 Federal: 1,669,808.8 Nonfederal: 80,888.95. Wilderness area: 190,000.

Contact:  
Kobuk Valley National Park  
P.O. Box 1029  
Kotzebue, AK 99752-1029  
907-442-3890

For Additional Information:  
[www.nps.gov/noaa](http://www.nps.gov/noaa)

**Project** None

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## Organizational Program

Lake Chelan National Recreation Area

Here the beautiful Stehekin Valley, with a portion of fjordlike Lake Chelan, adjoins North Cascades National Park. Established Oct. 2, 1968. Acreage--61,957.92 Federal: 59,313.68 Nonfederal: 2,644.24.

Contact:  
Lake Chelan  
National Recreation Area  
2105 State Route 20  
Sedro Woolley, WA 98284-9314  
360-856-5700

For Additional Information:  
[www.nps.gov/lach](http://www.nps.gov/lach)

**Project** None

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## Organizational Program

Lake Clark National Park and Lake Clark National Preserve

Located in the heart of the Chigmit mountains, the park and preserve contain great geologic diversity, including jagged peaks, granite spires, and two symmetrical active volcanoes. More than a score of glacially carved lakes rim the mountain mass. Lake Clark, more than 40 miles long, is not only the largest lake here, but is also the headwaters for red salmon spawning. Proclaimed Lake Clark National Monument Dec. 1, 1978; established as a national park and national preserve Dec. 2, 1980. Wilderness designated Dec. 2, 1980. Acreage--National park: 2,619,858.50 Federal: 2,226,589.97 Nonfederal: 393,268.53. National preserve: 1,410,641.50 Federal: 1,208,971.10 Nonfederal: 201,670.40. Wilderness area: 2,470,000.

Contact:  
Lake Clark National Park and Lake Clark  
National Preserve  
4230 University Drive  
Suite 311  
Anchorage, AK 99508-4626  
907-271-3751

For Additional Information:  
[www.nps.gov/lacp](http://www.nps.gov/lacp)

**Project** LACL0001 Exxon Valdez Oil Spill Research and Restoration 1994  
CDROM-3

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## Organizational Program

Lake Mead National Recreation Area

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### National Park Service

Lake Mead, formed by Hoover Dam, and Lake Mohave, by Davis Dam on the Colorado River and over one million acres of surrounding desert and mountains compose this first national recreation area established by an act of Congress.

Administered under cooperative agreements with Bureau of Reclamation, U.S. Dept. of the Interior, Oct. 13, 1936, and July 18, 1947. Name changed from Boulder Dam Recreation Area Aug. 11, 1947. Established Oct. 8, 1964. Boundary change: Jan. 3, 1975.

Acreage--1,495,665.69 Federal: 1,468,974.18 (of which 4,488.47 administered by Bureau of Reclamation) Nonfederal: 26,691.51. Land area: 1,314,516.39 Water area: 186,700.

For Additional Information:  
[www.nps.gov/lame](http://www.nps.gov/lame)

<b>Project</b>	LAME0001	Chemical Analysis of Selected Pothole Water Sources - 1993-3
<b>Project</b>	LAME0002	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-10
<b>Project</b>	LAME0003	USGS National Uranium Resource Evaluation Data-56

### Organizational Program Lake Meredith National Recreation Area

Lake Meredith, created by Sanford Dam on the Canadian River in the Texas Panhandle, is the setting for boating, fishing, swimming, and windsurfing. The area's canyons, foothills, and meadows provide opportunities for hiking and other activities.

Administered in cooperation with Bureau of Reclamation, U.S. Dept. of the Interior, March 15, 1965. Name changed from Sanford National Recreation Area to Lake Meredith Recreation Area Oct. 16, 1972; redesignated Nov. 28, 1990.

Acreage--44,977.63, all federal. Land area: dependent on lake level; approximately 50 per cent.

Contact:  
Lake Meredith National  
Recreation Area  
P.O. Box 1460  
Fritch, TX 79036-1460  
806-857-3151

For Additional Information:  
[www.nps.gov/lamr](http://www.nps.gov/lamr)

<b>Project</b>	LAMR0001	WQ and Limnology of Lake Meredith by Cooper (1967-1974)
<b>Project</b>	LAMR0002	Ambient WQ Monitoring by Canadian River MWA (1965-1998)
<b>Project</b>	LAMR0003	Data in STORET Owned by 21TEXWR Scheduled to be Retired-1
<b>Project</b>	LAMR0004	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-11
<b>Project</b>	LAMR0005	USGS National Uranium Resource Evaluation Data-57
<b>Project</b>	LAMR0006	Ambient WQ Monitoring Data from the Red River Authority
<b>Project</b>	LAMR0007	Texas Parks and Wildlife Department Fish Monitoring Reports

### Organizational Program Lake Roosevelt National Recreation Area

Formed by Grand Coulee Dam (part of the Columbia River Basin project), 130-mile long Franklin D. Roosevelt Lake is the principal recreation feature here.

Coulee Dam Recreation Area administered under cooperative agreement between Bureau of Reclamation and Bureau of Indian Affairs, U.S. Dept. of the Interior, Dec. 18, 1946; agreement revised and renegotiated among Bureau of Reclamation, Bureau of Indian Affairs, National Park Service, Colville Confederated Tribes, and the Spokane Tribe of Indians April 20, 1990; area renamed Jan. 1, 1997.

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## National Park Service

Acreage--100,390.31, all federal.

Contact:  
Lake Roosevelt  
National Recreation Area  
1008 Crest Drive  
Coulee Dam, WA 99116-0037  
509-633-9441

For Additional Information:  
[www.nps.gov/laro](http://www.nps.gov/laro)

**Project** None

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## Organizational Program Lassen Volcanic National Park

Lassen Peak erupted intermittently from 1914 to 1921. Active volcanism includes hot springs, steaming fumaroles, mud pots, and sulfurous vents.

Lassen Peak and Cinder Cone National Monuments proclaimed May 6, 1907; made part of Lassen Volcanic National Park when established Aug. 9, 1916. Boundary changes: April 26, 1928; May 21, 1928; Jan. 19, 1929; April 19, 1930; July 3, 1930; Aug. 10, 1961; April 11, 1972. Wilderness designated Oct. 19, 1972.

Acreage--106,372.36 Federal: 106,366.70 Nonfederal: 5.66. Wilderness area: 78,982.

Contact:  
Lassen Volcanic  
National Park  
P.O. Box 100  
Mineral, CA 96063-0100  
530-595-4444

For Additional Information:  
[www.nps.gov/lavo](http://www.nps.gov/lavo)

<b>Project</b>	LAVO0001	Ecological Conditions in a Group of Lakes by Hubbell - 1960
<b>Project</b>	LAVO0002	Surveys of Horseshoe, Snag, and Juniper Lakes and Tribs.
<b>Project</b>	LAVO0003	Survey of Manzanita and Reflection Lakes by Hubbell - 1961
<b>Project</b>	LAVO0004	Chemical Analyses of Springs by Thompson, USGS - 1983
<b>Project</b>	LAVO0005	Lassen Park Summer 1979 Lake Surveys
<b>Project</b>	LAVO0006	Lassen Region Trip Report by Michael L. Sorey, USGS - 1983
<b>Project</b>	LAVO0007	The Lassen Geothermal System by Muffler et. al. - 1982
<b>Project</b>	LAVO0008	Brief Field Survey Summary by E.J. McClelland, USGS - 1973
<b>Project</b>	LAVO0009	USGS Data Collected by Robin Lenn at Devils Kitchen Hot Spgs
<b>Project</b>	LAVO0010	USGS Data Collected by Robin Lenn at Drakesbad Hot Springs
<b>Project</b>	LAVO0011	USGS Data Collected by Robin Lenn at Little Hot Spgs Valley
<b>Project</b>	LAVO0012	Misc. Data Collected by Lassen Volcanic National Park Staff
<b>Project</b>	LAVO0013	Misc. USGS Data Sheets on File at Lassen Volcanic NP
<b>Project</b>	LAVO0014	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-12
<b>Project</b>	LAVO0015	Unidentified Report from Lassen Volcanic National Park

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### National Park Service

#### Organizational Program

Lava Beds National Monument

Volcanic activity spewed forth molten rock and lava here, creating an incredibly rugged landscape-a natural fortress used by American Indians in the Modoc Indian War, 1872-73. Proclaimed Nov. 21, 1925; transferred from Forest Service, U.S. Dept. of Agriculture, Aug. 10, 1933. Boundary changes: April 27, 1951; Oct. 26, 1974. Wilderness designated Oct. 13, 1972. Acreage--46,559.87, all federal. Wilderness area: 28,460.

Contact:  
Lava Beds  
National Monument  
P.O. Box 867  
Tulelake, CA 96134-0867  
530-667-2282

For Additional Information:  
[www.nps.gov/labe](http://www.nps.gov/labe)

#### Project

LABE0001 Geologic and Hydrologic Reconnaissance by USGS -  
1968

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#### Organizational Program

Lincoln Boyhood National Memorial

Abraham Lincoln lived on this southern Indiana farm from 1816 to 1830. During that time, he grew from a 7-year-old boy to a 21-year-old man. His mother, Nancy Hanks Lincoln, is buried here.

Authorized Feb. 19, 1962.  
Acreage--199.65 Federal: 180.81 Nonfederal: 18.84.

Contact:  
Lincoln Boyhood  
National Memorial  
P.O. Box 1816  
Lincoln City, IN 47552-1816  
812-937-4541

For Additional Information:  
[www.nps.gov/libo](http://www.nps.gov/libo)

#### Project

LIBO0001 USGS National Uranium Resource Evaluation Data-59

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#### Organizational Program

Lincoln Home National Historic Site

Abraham Lincoln resided in this house for 17 years before he became President. The surrounding historic district preserves the 1860s environment in which the Lincoln family lived. Authorized Aug. 18, 1971.

Acreage--12.24 Federal: 12.03 Nonfederal: 0.21.

Contact:  
Lincoln Home  
National Historic Site  
413 S. Eighth Street  
Springfield, IL 62701-1905  
217-492-4241

For Additional Information:  
[www.nps.gov/liho](http://www.nps.gov/liho)

#### Project

None

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#### Organizational Program

Little Bighorn Battlefield National Monument

The area memorializes one of the last armed efforts of the Northern Plains Indians to preserve their ancestral way of life. Here, 263 soldiers and attached personnel of the U.S. Army,

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## National Park Service

including Lt. Col. George A. Custer, met death at the hands of several thousand Lakota, Arapaho, and Cheyenne warriors. Established as a national cemetery by the Secretary of War Jan. 29, 1879, to protect graves of 7th Cavalry troopers buried there; proclaimed National Cemetery of Custer's Battlefield Reservation to include burials of other campaigns and wars Dec. 7, 1886; Reno-Benteen Battlefield added April 14, 1926; transferred from War Dept. July 1, 1940; redesignated Custer Battlefield National Monument March 22, 1946; renamed Dec. 10, 1991.  
Acreage--765.34, all federal.

Contact:  
Little Bighorn Battlefield  
National Monument  
P.O. Box 39  
Crow Agency, MT 59022-0039  
406-638-2621

For Additional Information:  
[www.nps.gov/libi](http://www.nps.gov/libi)

**Project** LIBI0001 USGS National Uranium Resource Evaluation Data-58

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### Organizational Program Little River Canyon National Preserve

The preserve protects the natural, recreational, and cultural resources of the Little River Canyon of northeast Alabama. A variety of rock expanses, benches, and bluffs create a unique environment for several threatened and endangered species and for recreational pursuits, including kayaking and rock climbing. Hunting, fishing, and trapping are permitted. Authorized Oct. 24, 1992.  
Acreage--13,632.96 Federal: 10,338.15 Nonfederal: 3,294.81

Contact:  
Little River Canyon  
National Preserve  
2141 Gault Avenue North  
Fort Payne, AL 35967-3673  
205-845-9605

For Additional Information:  
[www.nps.gov/liri](http://www.nps.gov/liri)

**Project** LIRI0001 Springs in Alabama by Geological Survey of Alabama - 1987  
**Project** LIRI0002 WQ Study of Little River Canyon National Preserve  
**Project** LIRI0003 USGS National Uranium Resource Evaluation Data-60  
**Project** LIRI0004 Survey of the Trichoptera in Little River Drainage - 1991  
**Project** LIRI0005 Alabama Water Watch Monitoring Program, Auburn University

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### Organizational Program Little Rock Central High School National Historic Site

The admission in 1957 of nine black students to Central High School was a critical test of the implementation of the Supreme Court's Brown v. Board of Education decision, and drew national and international attention. The site will be administered in partnership with Little Rock Public Schools, the City of Little Rock, and others. The school will continue to function as an educational institution. UNDER DEVELOPMENT.  
Designated: Nov. 6, 1998.  
Acreage--17.95, all nonfederal.

Contact:  
Little Rock  
Central High School  
National Historic Site  
c/o Hot Springs National Park

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### National Park Service

P.O. Box 1860  
Hot Springs, AR 71902  
501-624-3383

**Project** None

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#### Organizational Program Longfellow National Historic Site

The Vassall-Cragie-Longfellow House served as George Washington's home and headquarters during the siege of Boston (1775-1776). Poet and scholar Henry Wadsworth Longfellow hosted writers, artists, and statesmen who helped kindle the "American Renaissance." There are decorative and fine arts from around the world, a library, and a research archive.

Authorized Oct. 9, 1972.  
Acreage--1.98, all federal.

Contact:  
Longfellow  
National Historic Site  
105 Brattle Street  
Cambridge, MA 02138-3407  
617-876-4491

For Additional Information:  
[www.nps.gov/long](http://www.nps.gov/long)

**Project** None

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#### Organizational Program Lowell National Historical Park

The history of America's Industrial Revolution is commemorated in downtown Lowell. The Boott Cotton Mills Museum with its weave room of 88 operating looms, "mill girl" boarding houses, the Suffolk Mill turbine, and guided tours tell the story of the transition from farm to factory, chronicle immigrant and labor history, and trace industrial technology.

Authorized June 5, 1978. Boundary changes: June 4, 1980; March 27, 1987.  
Acreage--141.09 Federal: 28.06 Nonfederal: 113.03.

Contact:  
Lowell National  
Historical Park  
67 Kirk Street  
Lowell, MA 01852-1029  
978-970-5000

For Additional Information:  
[www.nps.gov/lowe](http://www.nps.gov/lowe)

**Project** None

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#### Organizational Program Lyndon B. Johnson National Historical Park

The park contains the reconstructed birthplace, boyhood home, and ranch of the 36th President; his grandparents' log cabin; and the Johnson family cemetery.

Authorized as a national historic site Dec. 2, 1969; redesignated Dec. 28, 1980.  
Acreage--1,570.15 Federal: 674.15 Nonfederal: 896.

Contact:  
Lyndon B. Johnson  
National Historical Park  
P.O. Box 329  
Johnson City, TX 78636-0329  
830-868-7128

For Additional Information:



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### National Park Service

www.nps.gov/lyjo

**Project** LYJO0001 Ambient WQ Monitoring Program at Lyndon B. Johnson NHP

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**Organizational Program** M. Alelele Stream Assessment by Paul O'Connor, USGS-BRD  
Data are from field notes for the 1995 Haleakala National Park Technical Report entitled "Alelele Stream Assessment" by Paul O'Connor of the U.S. Geological Survey, Biological Research Division. The assessment includes data for both Haleakala National Park and Kalaupapa National Historical Park.

**Project** HALE0001 Alelele Stream Assessment by Paul O'Connor, USGS - 1995-1

**Project** KALA0001 Alelele Stream Assessment by Paul O'Connor, USGS - 1995-2

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**Organizational Program** M. Ambient WQ Data for SEKI 1981-1988 From Harold Werner  
Data are from ambient water quality monitoring activities at Sequoia and Kings Canyon National Parks from 1981-1988. The data were provided by Harold Werner, an Aquatic Biologist at the parks.

**Project** KICA0002 Ambient WQ Data for KICA 1981-1988 From Harold Werner, NPS

**Project** SEQU0004 Ambient WQ Data for SEQU 1981-1988 From Harold Werner, NPS

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**Organizational Program** M. Aquatic Survey of Kona Coast Ponds, Hawaii Island  
Data are from a 1974 report entitled "Aquatic Survey of the Kona Coast Ponds, Hawaii Island" by John A. Maciolek and Richard E. Brock. The report contains salinity values for Kona Coast ponds. The report was published under Grant No. 04-3-158-29, NOAA Office of Sea Grant, Department of Commerce in conjunction with the Hawaii Cooperative Fishery Unit, U.S. Bureau of Sport Fisheries and Wildlife. Included in the report are data for Kaloko-Honokohau National Historical Park, Pu'uuhonua o Honaunau National Historical Park, and Puukohola Heiau National Historic Site.

**Project** KAHO0003 Aquatic Survey of Kona Coast Ponds, Hawaii Island - 1974-1

**Project** PUHE0002 Aquatic Survey of Kona Coast Ponds, Hawaii Island - 1974-2

**Project** PUHO0001 Aquatic Survey of Kona Coast Ponds, Hawaii Island - 1974-3

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**Organizational Program** M. Arches and Canyonlands National Park Aquatic Study  
Data are from the report "Arches and Canyonlands National Park Aquatic Study" by Jeff Connor and William G. Kepner (1983).

**Project** ARCH0002 Arches and Canyonlands National Park Aquatic Study - 1983-1

**Project** CANY0001 Arches and Canyonlands National Park Aquatic Study - 1983-2

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**Organizational Program** M. Assessment of Ecological Resources of Selected Caves  
Data are from a report by Horton H. Hobbs III entitled "Assessment of the Ecological Resources of the Caves of Russell Cave National Monument, Jackson County, Alabama and Selected Caves at the Lookout Mountain Unit of Chickamauga-Chattanooga National Military Park, Dade County, Georgia and Hamilton County, Tennessee" January 1994. The purpose of this report was to make "recommendations for management of the caves proper and their hydrological recharge areas."

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#### National Park Service

- Project** CHCH0001 Assessment of Ecological Resources of Selected Caves-1994-1
- Project** RUCA0002 Assessment of Ecological Resources of Selected Caves-1994-2

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**Organizational Program** M. Baseline Hydrocarbon Study Interim Report by USFWS - 1997

Data are from a report to the National Park Service entitled "Baseline Hydrocarbon Study, Katmai National Park and Preserve, 1997 Interim Report" by Philip Johnson and Catherine Berg, U.S. Fish and Wildlife Service, Alaska Regional Office, Anchorage, AK (Interagency Agreement 9910-6-9025, September 1996). Included are data for Katmai National Park and Preserve and Alagnak Wild River.

- Project** ALAG0001 Baseline Hydrocarbon Study Interim Report by USFWS - 1997-1
- Project** KATM0012 Baseline Hydrocarbon Study Interim Report by USFWS - 1997-2

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**Organizational Program** M. Baseline Inventory of the Aquatic Resources of Aniakchak

Data are from a 1990 draft report "Baseline Inventory of the Aquatic Resources of Aniakchak National Monument, Alaska" by William A. Cameron and Gary L. Larson, Cooperative Agreement CA-9000-8-0006, Subagreement 9, National Park Service, Cooperative Park Studies Unit, College of Forestry, Oregon State University, Corvallis, Oregon 97331; 249p., Appendix I and II. Included in the report are data for both Aniakchak National Monument and Katmai National Park and Preserve.

- Project** ANIA0001 Baseline Inventory of the Aquatic Resources of Aniakchak-1
- Project** KATM0007 Baseline Inventory of the Aquatic Resources of Aniakchak-2

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**Organizational Program** M. Betsy Deuerling's WQ Data From Jacksonville R.E.S. Dept.

Data are from the ambient water quality monitoring program conducted by the Regulatory and Environmental Services Department, Air and Water Quality Division of the City of Jacksonville, Florida. Data are from Excel files created by Betsy Deuerling, an Environmental Scientist with the City of Jacksonville. Includes data for Fort Caroline National Memorial and Timucuan Ecological and Historic Reserve.

- Project** FOCA0001 Betsy Deuerling's WQ Data From the Jacksonville RES Dept.-1
- Project** TIMU0010 Betsy Deuerling's WQ Data From the Jacksonville RES Dept.-2

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**Organizational Program** M. Chemical Analysis of Selected Pothole Water Sources

Data are from the Los Alamos National Laboratory report "Chemical Analysis of Selected Pothole Water Sources in Southwestern National Parks, Monuments, and Recreation Areas" October 1993 by Ernest S. Gladney, Tim Graham, Roger W. Ferenbaugh, Michael G. Bell, Colleen Burns, Janet D. Morgan, and Eric J. Nickell. The purpose of the study was to establish baseline chemical data on pothole ecosystems in order to monitor air pollution effects. Included in the report are data for Arches National Park, Joshua Tree National Park, and Lake Mead National Recreation Area.

- Project** ARCH0003 Chemical Analysis of Selected Pothole Water Sources - 1993-1
- Project** JOTR0001 Chemical Analysis of Selected Pothole Water Sources - 1993-2
- Project** LAME0001 Chemical Analysis of Selected Pothole Water Sources - 1993-3
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### National Park Service

- Organizational Program** M. Data in STORET Collected by 21TEXWR Scheduled to be Ret.  
Data are from stations in legacy STORET for the agency code: 21TEXWR. These data were subsequently retired at legacy STORET by the collecting agency on 05/20/1997. To ensure the data proximate to Lake Meredith National Recreation Area and San Antonio Missions National Historical Park continue to be accessible in new STORET, the stations were recreated under the National Park Service's agency code: 11NPSWRD.
- Project** LAMR0003 Data in STORET Owned by 21TEXWR Scheduled to be Retired-1
- Project** SAAN0001 Data in STORET Owned by 21TEXWR Scheduled to be Retired-2
- 
- Organizational Program** M. Ecological Survey of Tomales Bay by Johnson - 1961  
Data are from "Ecological Survey of Tomales Bay" (March 1961) by R.G. Johnson, W.R. Bryant, and J.W. Hedgpeth from the University of the Pacific, Pacific Marine Station. The study was supported by a National Science Foundation Grant and was conducted to "investigate basic problems in marine ecology and geology" and to develop a long-term monitoring program for the area. Included in the report are data for Golden Gate National Recreation Area and Point Reyes National Seashore.
- Project** GOGA0024 Ecological Survey of Tomales Bay by Johnson - 1961-1
- Project** PORE0005 Ecological Survey of Tomales Bay by Johnson - 1961-2
- 
- Organizational Program** M. Ecology of Aquatic Invertebrates in the Snake River-1967  
Data were collected by Richard L. Kroger and presented in his 1967 M.S. thesis entitled "A Study of the Classification and Ecology of the Aquatic Invertebrates in the Snake River, Grand Teton National Park, Wyoming" (University of Wyoming). Samples were taken near the shore during high-water periods and throughout the channel during low-water periods. Included in the report are data for both Grand Teton National Park and John D. Rockefeller, Jr. Memorial Parkway.
- Project** GRTE0008 Ecology of Aquatic Invertebrates in the Snake River-1967-1
- Project** JODR0002 Ecology of Aquatic Invertebrates in the Snake River-1967-2
- 
- Organizational Program** M. Ecosystem Integrity and Energy Flow in Wetlands - 1995  
Data are from the report entitled "Assessing Ecosystem Integrity Through Energy Flow in Wetlands of Grand Teton and Yellowstone National Parks" by Walter Duffy (1995). The goal of the study is "to evaluate energy flow and flux through wetland aquatic invertebrate communities."
- Project** GRTE0010 Ecosystem Integrity and Energy Flow in Wetlands - 1995-1
- Project** YELL0003 Ecosystem Integrity and Energy Flow in Wetlands - 1995-2
- 
- Organizational Program** M. Exxon Valdez Oil Spill Research and Restoration 1994 CD  
Data are from the "Exxon Valdez Oil Spill (EVOS) Research and Restoration Information Project" 1994 CD-ROM. The database provides descriptions of projects funded by the EVOS Trustee Council, a summary of the methodology and objectives, and contact information for the projects. This publication was funded by the EVOS Trustee Council and developed by the Alaska Department of Natural Resources and NOAA. Original sources of the databases represent a collective effort by many agencies. For additional information, contact the Exxon Valdez Oil Spill Restoration Office, 645 G Street Suite 401, Anchorage, AK 99501 (Tel. 907-278-8012). The CD-ROM includes data for Kenai Fjords National Park, Katmai National Park and Preserve, and Lake Clark National Park and Preserve.
- Project** KATM0004 Exxon Valdez Oil Spill Research and Restoration 1994

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		CDROM-1
<b>Project</b>	KEFJ0002	Exxon Valdez Oil Spill Research and Restoration 1994 CDROM-2
<b>Project</b>	LACL0001	Exxon Valdez Oil Spill Research and Restoration 1994 CDROM-3

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**Organizational Program** M. French Creek WQ and Fish and Benthic Macroinvertebrates

Data are from the Doctoral dissertation entitled "A Study of the Relationship Between Chemical Water Quality and Fish and Benthic Macroinvertebrate Diversity in French Creek, Chester County, Pennsylvania" by Ralph D. Heister Jr., Pennsylvania State University, Department of Biology (1971). Included in the dissertation are data for Hopewell Furnace National Historic Site and Valley Forge National Historical Park.

<b>Project</b>	HOFU0006	French Creek WQ and Fish and Benthic Macroinvert. - 1971-1
<b>Project</b>	VAFO0017	French Creek WQ and Fish and Benthic Macroinvert. - 1971-2

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**Organizational Program** M. Groundwater Resources in Canyonlands National Park - 1980

Data are from the report "Ground Water Resources in the Part of Canyonlands National Park East of the Colorado River and Contiguous Bureau of Land Management Lands, Utah" by Henry R. Richter, Jr., Department of Geology, University of Wyoming, Laramie, WY (April 1980). Included in the report are data for both Canyonlands National Park and Glen Canyon National Recreation Area.

<b>Project</b>	CANY0004	Groundwater Resources in Canyonlands National Park - 1980-1
<b>Project</b>	GLCA0004	Groundwater Resources in Canyonlands National Park - 1980-2

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**Organizational Program** M. Hydrogeologic Feasibility of Developing Groundwater

Data are from the report "The Hydrogeologic Feasibility of Developing Ground-Water Supplies in the Northern Part of Canyonlands National Park and Natural Bridges National Monument, Utah" by P.W. Huntoon of the Wyoming Water Resources Research Institute and Department of Geology at the University of Wyoming, Laramie WY (November 1977). Included in the report are data for both Canyonlands and Arches National Parks.

<b>Project</b>	ARCH0007	Hydrogeologic Feasibility of Developing Groundwater Supp.-1
<b>Project</b>	CANY0007	Hydrogeologic Feasibility of Developing Groundwater Supp.-2

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**Organizational Program** M. Hydrologic Reconnaissance of Mohave Region by USGS - 1929

Data are from a United States Department of Interior, U.S. Geological Survey Water-Supply Paper entitled "The Mohave Desert Region, California: A Geographic, Geologic, and Hydrologic Reconnaissance" by David Thompson (1929). All ion concentrations were assumed to be of the dissolved species. Included in the report are data for Mojave National Preserve and Joshua Tree National Park.

<b>Project</b>	JOTR0004	Hydrologic Reconnaissance of Mohave Region by USGS - 1929-1
<b>Project</b>	MOJA0003	Hydrologic Reconnaissance of Mohave Region by USGS - 1929-2

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**Organizational Program** M. Hydrologic Study of Jewel Cave/Wind Cave by Alexander

Data were collected by E. Calvin Alexander Jr., Marsha A. Davis, and Scott C. Alexander as part of a final report entitled "Hydrologic Study of Jewel Cave/Wind Cave." The report was produced by the Department of Geology and Geophysics at the University of Minnesota.

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Samples were collected in plastic bottles. Sample sizes varied by location. Cation samples were usually at least 250 ml. Anion samples were often as small as 20 ml. Chemical analysis was completed in the Department of Geology and Geophysics Lab at the University of Minnesota. The study objectives were to survey and document the chemical composition of waters on, around, and beneath the park and to identify any anthropogenic water quality impacts.

**Project** JECA0006 Hydrologic Study of Jewel Cave/Wind Cave by Alexander-1

**Project** WICA0003 Hydrologic Study of Jewel Cave/Wind Cave by Alexander-2

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### Organizational Program M. Macroinvertebrate Assemblages in Great Plains Parks

Data are from the report "Macroinvertebrate Assemblages and Water Quality in Six National Park Units in the Great Plains" by Mitchell A. Harris and Boris C. Kondratieff of the Department of Entomology at Colorado State University and Terence P. Boyle of the National Park Service Water Resources Division. This report provides inventories of the aquatic macroinvertebrates of and baseline information about the aquatic ecosystems of six small units of the National Park Service (NPS) Midwest Region, and outlines a program for monitoring the aquatic resources using biological criteria. The park units examined in this study were: Agate Fossil Beds National Monument, Nebraska (AGFO); Homestead National Monument of America, Nebraska (HOME); Pipestone National Monument, Minnesota (PIPE); Herbert Hoover National Historic Site, Iowa (HEHO); George Washington Carver National Monument, Missouri (GWCA); and Wilson's Creek National Battlefield, Missouri (WICR).

**Project** AGFO0001 Macroinvertebrate Assemblages in Great Plains Parks-1

**Project** HEHO0001 Macroinvertebrate Assemblages in Great Plains Parks-2

**Project** HOME0001 Macroinvertebrate Assemblages in Great Plains Parks-3

**Project** PIPE0001 Macroinvertebrate Assemblages in Great Plains Parks-4

**Project** WICR0001 Macroinvertebrate Assemblages in Great Plains Parks-5

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### Organizational Program M. Monitoring in Response to Proposed Nuclear Waste Rep.

Data were collected by Canyonlands National Park staff in response to a proposed nuclear waste repository near the park. The initial monitoring objectives were to establish a baseline database, detect potential changes, and identify areas of concern. The STORET projects store only the data collected and analyzed by the National Park Service (NPS) up until approximately 1990. In the early 1990s, the Utah Department of Environmental Quality (UTDEQ) began analyzing the samples in a cooperative effort with the NPS. These more recent data have been entered in STORET by the UTDEQ under different station IDs. The individual station descriptions in this project include the UTDEQ station ID. The NPS and UTDEQ data were summarized in the report "Water Quality Data Analysis and Interpretation for Spring Monitoring Sites Southeast Utah Group" by Barry A. Long and Rebecca A. Smith, National Park Service Water Resources Division (August 1996). Included in this program are data for Glen Canyon National Recreation Area, Canyonlands National Park, Arches National Park, and Natural Bridges National Monument.

**Project** ARCH0004 Monitoring in Response to Proposed Nuclear Waste Reposit.-1

**Project** CANY0003 Monitoring in Response to Proposed Nuclear Waste Reposit.-2

**Project** GLCA0005 Monitoring in Response to Proposed Nuclear Waste Reposit.-3

**Project** NABR0001 Monitoring in Response to Proposed Nuclear Waste Reposit.-4

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### Organizational Program M. Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.

Water samples were collected from 59 sites by managers of federal recreation waters across the United States during September and October 1987. These were processed for the pathogenic ameboflagellate Naegleria fowleri. Thermotolerant amebas were recovered and

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identified from 34 sites, including *N. fowleri* from the Tennessee River at Wheeler National Recreation Area (Alabama), Yosemite Creek in Yosemite National Park (California), Owl Creek in Shiloh National Battlefield Park (Tennessee), Lake Meredith National Recreational Area (Texas), Spirit Lake at Mt. St. Helens National Volcano Monument (Washington), and Firehole River at Yellowstone National Park (Wyoming). Principle components analysis was performed on the variables temperature, dissolved iron, species diversity index, and environmental condition. Recently disturbed environments had a significant effect on the occurrence of *N. fowleri*. This finding supports the flagellate-empty habitat hypothesis of Griffin, which stressed that the ameba is most likely found where the environment has been cleared of competitors and predators. An informal probability index for the occurrence of *N. fowleri* is proposed as a useful tool for managers of recreational waters. The data included here encompasses only those samples collected at units of the National Park System. Exact sample dates and locations were unavailable. Consequently, all samples were assigned a date of 9/30/1987. The study includes data from 18 national park units.

<b>Project</b>	ACAD0001	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-01
<b>Project</b>	AMIS0001	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-02
<b>Project</b>	BADL0001	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-03
<b>Project</b>	BIBE0001	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-04
<b>Project</b>	CRLA0001	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-05
<b>Project</b>	CURE0005	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-06
<b>Project</b>	EVER0001	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-07
<b>Project</b>	FRSP0002	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-08
<b>Project</b>	GLCA0003	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-09
<b>Project</b>	LAME0002	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-10
<b>Project</b>	LAMR0004	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-11
<b>Project</b>	LAVO0014	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-12
<b>Project</b>	RICH0003	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-13
<b>Project</b>	ROMO0010	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-14
<b>Project</b>	SHIL0003	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-15
<b>Project</b>	YELL0001	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-16
<b>Project</b>	YOSE0001	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-17
<b>Project</b>	ZION0002	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-18

**Organizational Program**

M. Spring Discharge at Cedar Breaks NM and Zion NP - 1971

Data are from a U.S. Geological Survey (USGS) report entitled "Spring Discharge at Cedar Breaks National Monument and Zion National Park, Southwestern Utah" 1971 by C.T. Sumsion, a USGS hydrologist. The National Park Service contracted with the USGS to collect these data to plan the development of supplementary water supplies in Cedar Breaks National Monument and for water supplies for the Lava Point and East Rim campsites in Zion National Park. Data are primarily from 1969 and 1970 with some earlier water quality

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measurements. A copy of the report is on file with the NPS Water Resources Division.

- Project** CEBR0008 Spring Discharge at Cedar Breaks NM and Zion NP - 1971-1
- Project** ZION0006 Spring Discharge at Cedar Breaks NM and Zion NP - 1971-2

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#### Organizational Program M. Trophic State Evaluation of Selected Lakes by BYU 1995-97

Data are associated with the 1998 report entitled "A Comparative Summary of the 1995, 1996, and 1997 Trophic State Evaluations of Selected Lakes in Grand Teton National Park" by Dr. Woodruff Miller and Sarah McDavitt (Brigham Young University). This report was the third of three annual reports written in conjunction with a three year study that was conducted from 1995 through 1997. The report includes data for Grand Teton National Park, John D. Rockefeller, Jr. Memorial Parkway, and Yellowstone National Park.

- Project** GRTE0016 Trophic State Evaluation of Selected Lakes by BYU 1995-97-1
- Project** JODR0004 Trophic State Evaluation of Selected Lakes by BYU 1995-97-2
- Project** YELL0005 Trophic State Evaluation of Selected Lakes by BYU 1995-97-3

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#### Organizational Program M. USGS National Uranium Resource Evaluation Data

Data are from the U.S. Geological Survey's Digital Data Series DDS-18-A CD-ROM, otherwise known as the "National Geochemical Data Base: National Uranium Resource Evaluation Data for the Conterminous United States." This dataset contains the geochemical data for the conterminous United States collected during the National Uranium Resource Evaluation (NURE) Hydrogeochemical and Stream Sediment Reconnaissance (HSSR) program. The data are from the National Geochemical Data Base. The data are the results of work performed by the Bendix Field Engineering Corporation, Operating Contractor for the U.S. Department of Energy (DOE), as part of the NURE program, and by the U.S. Geological Survey. This data base/CD-ROM supersedes DDS-1, "National Geochemical Data Base: National Uranium Resource Evaluation Data for the Conterminous Western United States," released in 1991. The area of coverage for data on this CD-ROM is shown on the back of the insert in the CD-ROM jewel box. Samples were collected from 320 quadrangles (1 degree X 2 degrees) beginning in 1976 and ending in 1980. Data are included for 678,558 records representing four predominant sample types: stream sediment, soil, surface water, and ground water. Each sample was analyzed for uranium and for as many as 58 other elements plus sulfate. The data are as received from the DOE after completion of the NURE program. Information concerning the NURE HSSR data is available from the senior author, J.D. Hoffman, U.S. Geological Survey, Box 25046, MS 973, Denver Federal Center, Denver, CO 80225. INTERNET: jhoffman@helios.cr.usgs.gov. Only NURE data from surface water and stream sediment proximate to the subject national park unit were uploaded to STORET. This program includes data from many national park units.

- Project** ABLI0003 USGS National Uranium Resource Evaluation Data
- Project** ALPO0001 USGS National Uranium Resource Evaluation Data-01
- Project** ANTI0002 USGS National Uranium Resource Evaluation Data-02
- Project** APCO0001 USGS National Uranium Resource Evaluation Data-03
- Project** ARCH0005 USGS National Uranium Resource Evaluation Data-04
- Project** BADL0002 USGS National Uranium Resource Evaluation Data-05
- Project** BEOL0001 USGS National Uranium Resource Evaluation Data-06
- Project** BICA0007 USGS National Uranium Resource Evaluation Data-07
- Project** BLCA0003 USGS National Uranium Resource Evaluation Data-08
- Project** BRCA0004 USGS National Uranium Resource Evaluation Data-09
- Project** CACH0002 USGS National Uranium Resource Evaluation Data-10
- Project** CANY0005 USGS National Uranium Resource Evaluation Data-11
- Project** CARE0002 USGS National Uranium Resource Evaluation Data-12
- Project** CARL0002 USGS National Uranium Resource Evaluation Data-13

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Project	CAVO0001	USGS National Uranium Resource Evaluation Data-14
Project	CHCH0002	USGS National Uranium Resource Evaluation Data-15
Project	CIRO0001	USGS National Uranium Resource Evaluation Data-16
Project	COLM0001	USGS National Uranium Resource Evaluation Data-17
Project	CORO0002	USGS National Uranium Resource Evaluation Data-18
Project	COWP0001	USGS National Uranium Resource Evaluation Data-19
Project	CRLA0002	USGS National Uranium Resource Evaluation Data-20
Project	CRMO0002	USGS National Uranium Resource Evaluation Data-21
Project	CUGA0003	USGS National Uranium Resource Evaluation Data-22
Project	CURE0006	USGS National Uranium Resource Evaluation Data-23
Project	DEPO0002	USGS National Uranium Resource Evaluation Data-24
Project	DINO0002	USGS National Uranium Resource Evaluation Data-25
Project	ELMA0003	USGS National Uranium Resource Evaluation Data-26
Project	ELMO0004	USGS National Uranium Resource Evaluation Data-27
Project	FLFO0003	USGS National Uranium Resource Evaluation Data-28
Project	FOBU0002	USGS National Uranium Resource Evaluation Data-29
Project	FOLA0001	USGS National Uranium Resource Evaluation Data-30
Project	FONE0001	USGS National Uranium Resource Evaluation Data-31
Project	FOUN0001	USGS National Uranium Resource Evaluation Data-32
Project	FRHI0004	USGS National Uranium Resource Evaluation Data-33
Project	FRSP0004	USGS National Uranium Resource Evaluation Data-34
Project	GETT0001	USGS National Uranium Resource Evaluation Data-35
Project	GICL0001	USGS National Uranium Resource Evaluation Data-36
Project	GLAC0001	USGS National Uranium Resource Evaluation Data-37
Project	GLCA0006	USGS National Uranium Resource Evaluation Data-38
Project	GOSP0005	USGS National Uranium Resource Evaluation Data-39
Project	GRBA0013	USGS National Uranium Resource Evaluation Data-40
Project	GRCA0002	USGS National Uranium Resource Evaluation Data-41
Project	GRKO0002	USGS National Uranium Resource Evaluation Data-42
Project	GRSA0002	USGS National Uranium Resource Evaluation Data-43
Project	GRTE0012	USGS National Uranium Resource Evaluation Data-44
Project	HOBE0003	USGS National Uranium Resource Evaluation Data-45
Project	HOFU0004	USGS National Uranium Resource Evaluation Data-46
Project	HOSP0003	USGS National Uranium Resource Evaluation Data-47
Project	HOVE0002	USGS National Uranium Resource Evaluation Data-48
Project	HUTR0001	USGS National Uranium Resource Evaluation Data-49
Project	JECA0004	USGS National Uranium Resource Evaluation Data-50
Project	JODR0003	USGS National Uranium Resource Evaluation Data-51
Project	JOFL0003	USGS National Uranium Resource Evaluation Data-52
Project	JOTR0003	USGS National Uranium Resource Evaluation Data-53
Project	KEFJ0003	USGS National Uranium Resource Evaluation Data-54
Project	KLGO0002	USGS National Uranium Resource Evaluation Data-55
Project	LAME0003	USGS National Uranium Resource Evaluation Data-56
Project	LAMR0005	USGS National Uranium Resource Evaluation Data-57
Project	LIBI0001	USGS National Uranium Resource Evaluation Data-58
Project	LIBO0001	USGS National Uranium Resource Evaluation Data-59
Project	LIRI0003	USGS National Uranium Resource Evaluation Data-60
Project	MABI0002	USGS National Uranium Resource Evaluation Data-61
Project	MACA0001	USGS National Uranium Resource Evaluation Data-62
Project	MEVE0002	USGS National Uranium Resource Evaluation Data-63
Project	MOJA0008	USGS National Uranium Resource Evaluation Data-64
Project	MONO0004	USGS National Uranium Resource Evaluation Data-65



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<b>Project</b>	NABR0002	USGS National Uranium Resource Evaluation Data-66
<b>Project</b>	NACE0004	USGS National Uranium Resource Evaluation Data-67
<b>Project</b>	NATR0003	USGS National Uranium Resource Evaluation Data-68
<b>Project</b>	PERI0001	USGS National Uranium Resource Evaluation Data-69
<b>Project</b>	PISP0003	USGS National Uranium Resource Evaluation Data-70
<b>Project</b>	PRWI0001	USGS National Uranium Resource Evaluation Data-71
<b>Project</b>	ROMO0018	USGS National Uranium Resource Evaluation Data-72
<b>Project</b>	SAAN0002	USGS National Uranium Resource Evaluation Data-73
<b>Project</b>	SAGA0003	USGS National Uranium Resource Evaluation Data-74
<b>Project</b>	SAGU0002	USGS National Uranium Resource Evaluation Data-75
<b>Project</b>	SAPU0001	USGS National Uranium Resource Evaluation Data-76
<b>Project</b>	SHEN0003	USGS National Uranium Resource Evaluation Data-77
<b>Project</b>	SUCR0001	USGS National Uranium Resource Evaluation Data-78
<b>Project</b>	TONT0003	USGS National Uranium Resource Evaluation Data-79
<b>Project</b>	TUZI0004	USGS National Uranium Resource Evaluation Data-80
<b>Project</b>	VAFO0014	USGS National Uranium Resource Evaluation Data-81
<b>Project</b>	WACA0001	USGS National Uranium Resource Evaluation Data-82
<b>Project</b>	WHA0002	USGS National Uranium Resource Evaluation Data-83
<b>Project</b>	WICA0002	USGS National Uranium Resource Evaluation Data-84
<b>Project</b>	WRST0004	USGS National Uranium Resource Evaluation Data-85
<b>Project</b>	YELL0004	USGS National Uranium Resource Evaluation Data-86
<b>Project</b>	YUHO0002	USGS National Uranium Resource Evaluation Data-87
<b>Project</b>	ZION0004	USGS National Uranium Resource Evaluation Data-88

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**Organizational Program** M. USGS Water Res. Invest. Reports 94-4041 and/or 97-4008

Data were collected by the U.S. Geological Survey (USGS) in cooperation with the U.S. Fish and Wildlife Service, Bureau of Reclamation, and Bureau of Indian Affairs and are presented in the USGS Water Resources Investigations Report Numbers 94-4041 and/or 97-4008. Included in the reports are data for Mesa Verde National Park, Hovenweep National Monument, and Yucca House National Monument.

<b>Project</b>	HOVE0003	USGS Water Res. Invest. Reports 94-4041 and/or 97-4008-1
<b>Project</b>	MEVE0005	USGS Water Res. Invest. Reports 94-4041 and/or 97-4008-2
<b>Project</b>	YUHO0003	USGS Water Res. Invest. Reports 94-4041 and/or 97-4008-3

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**Organizational Program** M. WQ and Acid Mine Drainage in the Little Conemaugh River

Data are from the "Report on the Water Quality and Acid Mine Drainage in the Little Conemaugh River Watershed, Cambria County, Pennsylvania, State Subbasin 18C" by William Gleason Barbin, Director of the Cambria County Conservation District, June 1995. The report, as sponsored by the Stonycreek Conemaugh River Improvement Project (SCRIP), contains data specifically relating to acid mine drainage and metal loadings. It was funded by a grant from the Pennsylvania Clean Water Fund with assistance from the Pennsylvania Department of Environmental Protection, Bureau of Land and Water Conservation, and the Bureau of Mining and Reclamation. The stations (and data) contained in this report were assigned to either Allegheny Portage Railroad National Historic Site or Johnstown Flood National Memorial based on proximity of each station to the particular park.

<b>Project</b>	ALPO0003	WQ and Acid Mine Drainage in the Little Conemaugh R.-1995-1
<b>Project</b>	JOFL0002	WQ and Acid Mine Drainage in the Little Conemaugh R.-1995-2

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**Organizational Program** M. Waikoloa Anchialine Pond Program, Fifth Status Report

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Data are from the 1994 University of Hawaii Sea Grant Program report entitled "The Waikoloa Anchialine Pond Program, Fifth Status Report" by Richard E. Brock and Alan K.H. Kam, University of Hawaii. Included in the report are data for Kaloko-Honokohau National Historical Park and Puukohola Heiau National Historic Site.

- Project** KAHO0004 Waikoloa Anchialine Pond Program, 5th Status Report - 1994-1
- Project** PUHE0005 Waikoloa Anchialine Pond Program, 5th Status Report - 1994-2

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**Organizational Program** M. Water Quality Studies at Capitol Reef NP & Dinosaur NM

Data are from the National Park Service Rocky Mountain Regional Office Report "Water Quality Studies at Capitol Reef National Park and Dinosaur National Monument" by the EnviroSphere Company, May 1981.

- Project** CARE0003 Water Quality Studies at Capitol Reef NP & Dinosaur NM-1
- Project** DINO0003 Water Quality Studies at Capitol Reef NP & Dinosaur NM-2

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**Organizational Program** M. Water Resources Descriptions and Database Canyonlands NP

Data are from the report "Volume III: Water Resources Descriptions and Data Base Canyonlands National Park, Needles District, and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984) for the U.S. Department of Interior, National Park Service, Canyonlands National Park. Included are data for Canyonlands National Park and Glen Canyon National Recreation Area.

- Project** CANY0002 Water Resources Descriptions and Database Canyonlands NP-1
- Project** GLCA0007 Water Resources Descriptions and Database Canyonlands NP-3

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**Organizational Program** M. Water Resources Descriptions and Database Canyonlands NP

Data are from the report "Volume III: Water Resources Descriptions and Data Base Canyonlands National Park, Needles District, and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984) for the U.S. Department of Interior, National Park Service, Canyonlands National Park. Included in the report are data for both Canyonlands National Park and Glen Canyon National Recreation Area.

- Project** None

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**Organizational Program** M. Water-Resources Investigations During FY 1972 by USGS

Data were collected by Edward R. Cox of the U.S. Department of Interior Geological Survey and presented in his report entitled "Water-Resources Investigations During Fiscal Year 1972 in Grand Teton National Park, Wyoming." The study was conducted as part of an overall appraisal of the water resources in Grand Teton National Park. Included in the study are data for Grand Teton National Park and John D. Rockefeller, Jr. Memorial Parkway.

- Project** GRTE0003 Water-Resources Investigations During FY 1972 by USGS-1
- Project** JODR0001 Water-Resources Investigations During FY 1972 by USGS-2

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**Organizational Program** M. Wyoming Water Resources Data Center Data for WY Parks

The Wyoming Water Resources Center entered these data into the Wyoming Water Resources Data System (WRDS) which is a clearinghouse of hydrological and climatological data for the State of Wyoming. Funded by an allocation from the Wyoming Water Development Commission, the WRDS is housed in the Department of Civil and Architectural Engineering at the University of Wyoming. WRDS can be accessed on-line at:

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<http://www.wrds.uwyo.edu>. WRDS staff can be contacted at P.O. Box 3943 Laramie, Wyoming 82071-3067; Tel. 307-766-6651; Fax. 307-766-3785; E-Mail: [wrds@uwyo.edu](mailto:wrds@uwyo.edu). The data derive from various state and federal agencies as well as a private citizen.

<b>Project</b>	BICA0009	WY Water Resources Data Center Data from WY G&F Dept-1
<b>Project</b>	BICA0010	Wyoming Water Resources Data Center Data from the EPA
<b>Project</b>	BICA0011	Wyoming Water Resources Data Center Data from Wyoming DEQ-1
<b>Project</b>	FOBU0003	Wyoming Water Resources Data Center Data from the BLM
<b>Project</b>	FOBU0004	WY Water Resources Data Center Data from Western WY College
<b>Project</b>	FOLA0002	Wyoming Water Resources Data Center Data from Wyoming DEQ-2
<b>Project</b>	FOLA0003	WY Water Resources Data Center Data from WY Dept. of Ag.
<b>Project</b>	FOLA0004	WY Water Resources Data Center Data from WY G&F Dept-2
<b>Project</b>	GRTE0017	WY Water Resources Data Center Data from a Private Citizen
<b>Project</b>	GRTE0018	Wyoming Water Resources Data Center Data from Wyoming DEQ-3
<b>Project</b>	GRTE0019	WY Water Resources Data Center Data from WY G&F Dept-3

#### Organizational Program

M. Youth Conservation Corps Stream Survey Data from 1974-80

Data are from miscellaneous handwritten documents, including maps, tables of water characteristics, and water quality data. The documents, from the Gettysburg park files, present the results of stream surveys that were conducted once a year from 1974 until 1980 as part of a Youth Conservation Corps project. All alkalinity values and selected pH, DO, and flow values from the studies were not uploaded to STORET due to suspected sampling and/or analysis error. Included are data for Gettysburg National Military Park and Eisenhower National Historic Site.

<b>Project</b>	EISE0002	Youth Conservation Corps Stream Survey Data from 1974-1980-1
<b>Project</b>	GETT0004	Youth Conservation Corps Stream Survey Data from 1974-1980-2

#### Organizational Program

Maggie L. Walker National Historic Site

This house at 110 1/2 E. Leigh Street, Richmond, was the home of the first woman to found and be president of a bank and who was a leading figure in the African American community. Authorized Nov. 10, 1978.

Acreage--1.29 Federal: 0.36 Nonfederal: 0.93.

Contact:

Maggie L. Walker  
National Historic Site  
c/o Richmond National  
Battlefield Park  
3215 East Broad Street  
Richmond, VA 23223-7517  
804-771-2017

For Additional Information:

[www.nps.gov/malw](http://www.nps.gov/malw)

**Project** None

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**Organizational Program** Mammoth Cave National Park

The park was established to preserve the cave system, including Mammoth Cave, the scenic river valleys of the Green and Nolin rivers, and a section of the hilly country of south central Kentucky. This is the longest recorded cave system in the world, with more than 350 miles explored and mapped.

Authorized May 25, 1926; established July 1, 1941. Boundary changes: May 14, 1934; Aug. 28, 1937; Dec. 3, 1940; June 5, 1942. Designated a World Heritage Site Oct. 27, 1981. Designated a Biosphere Reserve 1990.

Acreage--52,830.19 Federal: 52,003.24 Nonfederal: 826.95.

**Contact:**

Mammoth Cave  
National Park  
Mammoth Cave, KY 42259-0007  
502-758-2328

**For Additional Information:**

[www.nps.gov/mac](http://www.nps.gov/mac)

**Project** MACA0001 USGS National Uranium Resource Evaluation Data-62

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**Organizational Program** Manassas National Battlefield Park

The First and Second Battles of Manassas were fought here July 21, 1861, and Aug. 28-30, 1862. Here, Confederate Brig. Gen. Thomas J. Jackson acquired his nickname "Stonewall." Designated May 10, 1940. Boundary changes: April 17, 1954; Oct. 30, 1980; Nov. 10, 1988. Acreage--5,211.62 Federal: 4,520.44 Nonfederal: 691.18.

**Contact:**

Manassas  
National Battlefield Park  
12521 Lee Hwy.  
Manassas, VA 22110-2005  
703-754-1861

**For Additional Information:**

[www.nps.gov/mana](http://www.nps.gov/mana)

**Project** MANA0001 Ambient WQ Monitoring Program at Manassas NB Park

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**Organizational Program** Manzanar National Historic Site

Located in the Owens Valley of eastern California, the site commemorates the World War II internment of Japanese-Americans in the Manzanar War Relocation Center. NO FEDERAL FACILITIES.

Authorized March 3, 1992.  
Acreage--813.81, all federal.

**Contact:**

Manzanar  
National Historic Site  
P.O. Box 426  
Independence, CA 93526-  
0426  
760-878-2932

**For Additional Information:**

[www.nps.gov/manz](http://www.nps.gov/manz)

**Project** None

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**Organizational Program** Marsh-Billings-Rockefeller National Historical Park

# Program Summary

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## National Park Service

Home to pioneer conservationist George Perkins Marsh, the park includes a model farm and forest developed by Frederick Billings and continued by granddaughter Mary French Rockefeller and her husband, Laurence S. Rockefeller. In partnership with the Billings Farm and Museum, the park focuses on conservation themes and the stewardship of working landscapes and agricultural countryside. The park is headquarters for the Conservation Study Institute designed to enhance leadership in the field of conservation. Established Aug. 26, 1992; renamed Oct. 21, 1998. Acreage--643.07 Federal: 555.07 Nonfederal: 88.

Contact:  
Marsh-Billings-Rockefeller  
National Historical Park  
P.O. Box 178  
Woodstock, VT 05091  
802-457-3368

For Additional Information:  
[www.nps.gov/mabi](http://www.nps.gov/mabi)

<b>Project</b>	MABI0001	Data Collected by Charles Farris and Analyzed by the U.R.I.
<b>Project</b>	MABI0002	USGS National Uranium Resource Evaluation Data-61

## Organizational Program Martin Luther King, Jr., National Historic Site

The birthplace, church, and grave of Dr. Martin Luther King, Jr., civil rights leader, compose this park. The park visitor center has exhibits and films on Dr. King. The surrounding 68.19-acre preservation district includes Sweet Auburn, the economic and cultural center of Atlanta's African American community during most of the 20th century. Established Oct. 10, 1980. Acreage--34.47 Federal: 13.04 Nonfederal: 21.43.

Contact:  
Martin Luther King, Jr.,  
National Historic Site  
450 Auburn Avenue, NE  
Atlanta, GA 30312-0526  
404-331-5190

For Additional Information:  
[www.nps.gov/malu](http://www.nps.gov/malu)

**Project** None

## Organizational Program Martin Van Buren National Historic Site

Lindenwald was the retirement home of the eighth U.S. President, Martin Van Buren, from 1841 until his death on July 24, 1882. The 36-room mansion, containing original wallpaper and furnishings, has been restored to the Van Buren period and features an Italianate addition designed by Richard Upjohn, 1849-50. Authorized Oct. 26, 1974. Acreage--39.58 Federal: 38.50 Nonfederal: 1.08.

Contact:  
Martin Van Buren  
National Historic Site  
P.O. Box 545  
Kinderbrook, NY 12106-0545  
518-758-9689

For Additional Information:  
[www.nps.gov/mava](http://www.nps.gov/mava)

**Project** None

## Program Summary

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### National Park Service

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**Organizational Program** Mesa Verde National Park

These world-famous cliff dwellings and other works of the Ancestral Puebloan People are the most notable and best preserved in the United States.

Established June 29, 1906. Boundary changes: June 30, 1913; May 27, 1932; Dec. 23, 1963.

Wilderness designated Oct. 20, 1976. Designated a World Heritage Site Sept. 6, 1978.

Acreage--52,121.93 Federal: 51,890.65 Nonfederal: 231.28. Wilderness area: 8,100.

Contact:

Mesa Verde National Park

P.O. Box 8

Mesa Verde National

Park, CO 81330-0008

970-529-4465

For Additional Information:

[www.nps.gov/meve](http://www.nps.gov/meve)

- |                |          |  |
|----------------|----------|--|
| <b>Project</b> | MEVE0001 | Ambient WQ Monitoring Program at Mesa Verde National Park  |
| <b>Project</b> | MEVE0002 | USGS National Uranium Resource Evaluation Data-63          |
| <b>Project</b> | MEVE0003 | Compare Cliff Palace Spring Water with Mancos Shale Water  |
| <b>Project</b> | MEVE0004 | Check for Pesticides and Herbicides Entering Jackson Gulch |
| <b>Project</b> | MEVE0005 | USGS Water Res. Invest. Reports 94-4041 and/or 97-4008-2   |

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**Organizational Program** Middle Delaware National Scenic River

This river flows 40 miles through the Delaware Water Gap National Recreation Area.

Swimming, boating, and fishing opportunities are available.

Established Nov. 10, 1978.

Acreage--1,973.33, all nonfederal.

Contact:

Middle Delaware

National Scenic River

c/o Delaware Water Gap

National Recreation Area

River Road

Bushkill, PA 18324-9410

717-588-2435

(Also in New Jersey)

For Additional Information:

[www.nps.gov/dewa](http://www.nps.gov/dewa)

- Project** None
- 

**Organizational Program** Minute Man National Historical Park

Scene of the fighting on April 19, 1775, opening the American Revolution, the park includes North Bridge, the Minute Man statue by Daniel Chester French, a number of Colonial houses, and four miles of Battle Road between Lexington and Concord. The Wayside was the home of authors Louisa May Alcott, Nathaniel Hawthorne, and Margaret Sidney.

Designated a national historic site April 14, 1959; redesignated Sept. 21, 1959. Boundary change: Oct. 24, 1992.

Acreage--967.10 Federal: 790.29 Nonfederal: 176.81.

Contact:

Minute Man

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## National Park Service

National Historical Park  
174 Liberty Street  
Concord, MA 01742  
978-369-6993

For Additional Information:  
[www.nps.gov/mima](http://www.nps.gov/mima)

**Project** None

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### Organizational Program Mississippi National River and Recreation Area

Encompassing 72 miles of the Mississippi River corridor through the Twin Cities metropolitan region, the area features diverse recreational opportunities and is highlighted by a wealth of nationally significant natural, cultural, historic, scenic, economic, and scientific resources. Established Nov. 18, 1988. Acreage--53,776 Federal: 43 Nonfederal: 53,733.

Contact:  
Mississippi National River  
and Recreation Area  
175 East 5th Street  
Suite 418, Box 41  
St. Paul, MN 55101-2901  
651-290-4160

For Additional Information:  
[www.nps.gov/miss](http://www.nps.gov/miss)

**Project** None

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### Organizational Program Missouri National Recreational River

Two reaches of the Missouri River are protected here. The portion originally set aside, from Gavins Point Dam near Yankton, S.D., to Ponca, Neb., still exhibits the river's dynamic character in its islands, bars, chutes, and snags. An upper reach between Lewis and Clark Lake and Fort Randall Dam exhibits native floodplain forest, tallgrass and mixed grass prairies, and habitats for several endangered species. Authorized Nov. 10, 1978; expanded May 24, 1991. Length: 59 miles (original segment); 67 miles (1991 addition). Acreage--33,839 Federal/Nonfederal undetermined.

Contact:  
Missouri  
National Recreational River  
P.O. Box 591  
O'Neill, NE 68763-0591  
402-336-3970

For Additional Information:  
[www.nps.gov/mnrr](http://www.nps.gov/mnrr)

**Project** MNRR0001 Cedar Knox Rural Water Project for Lewis and Clark Lake  
**Project** MNRR0002 City of Yankton, SD Water Department Raw Water Quality

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### Organizational Program Mojave National Preserve

The preserve protects the fragile habitat of the desert tortoise, vast open spaces, and historic mining scenes, such as the Kelso railroad depot. LIMITED FEDERAL FACILITIES. Authorized Oct. 31, 1994. Acreage--1,553,815.65 Federal: 1,322,584.58 Nonfederal: 231,231.07.

Contact:

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### National Park Service

Mojave National Preserve  
222 East Main Street  
Suite 202  
Barstow, CA 92311  
760-733-4040

For Additional Information:  
[www.nps.gov/moja](http://www.nps.gov/moja)

<b>Project</b>	MOJA0001	Habitat Evaluation for the Mohave Tui Chub - 1994
<b>Project</b>	MOJA0002	Final Prelim. Assessment Report, Morning Star Mine - 1996
<b>Project</b>	MOJA0003	Hydrologic Reconnaissance of Mohave Region by USGS - 1929-2
<b>Project</b>	MOJA0004	Castle Mt. Project Impacts on Lanfair Aquifer and Piute Spg
<b>Project</b>	MOJA0005	Mine and Mill Operations Mountain Pass California - 1997
<b>Project</b>	MOJA0006	Ground Water in Pahrump, Mesquite, and Ivanpah Valleys
<b>Project</b>	MOJA0007	Historic and Prehistoric Resources of the East Mojave Desert
<b>Project</b>	MOJA0008	USGS National Uranium Resource Evaluation Data-64
<b>Project</b>	MOJA0009	Water Quality and Hydrology Studies at Soda Springs - 1985
<b>Project</b>	MOJA0010	Telegraph Mine and Mill P.S.I. Draft Results by SAIC - 1997
<b>Project</b>	MOJA0011	USGS Database Referenced in Water Resources Scoping Report
<b>Project</b>	MOJA0012	Deuterium Content in Wells and Springs by USGS - 1992
<b>Project</b>	MOJA0013	Monitoring of the Piute Spring Area
<b>Project</b>	MOJA0014	Ivanpah Valley Water, Wells, and Springs - 1972
<b>Project</b>	MOJA0015	Soda, Silver, and Cronise Valleys Water, Wells, and Springs

### Organizational Program

#### Monocacy National Battlefield

In a battle here on July 9, 1864, Confederate Gen. Jubal A. Early defeated Union forces commanded by Major Gen. Lew Wallace. Wallace's troops delayed Early's advance on Washington, D.C., however, enabling Union forces to marshal a successful defense of the capital.

Authorized as Monocacy National Military Park, June 21, 1934. Reauthorized and redesignated Oct. 21, 1976. Boundary change: Nov. 10, 1978.  
Acreage--1,647.01 Federal: 1,310.23 Nonfederal: 336.78.

Contact:  
Monocacy  
National Battlefield  
4801 Urbana Pike  
Frederick, MD 21704-7307  
301-662-3515

For Additional Information:  
[www.nps.gov/mono](http://www.nps.gov/mono)

<b>Project</b>	MONO0001	Draft Statement for Mgt. for the Monocacy by Hood College
<b>Project</b>	MONO0002	Maryland Department of Natural Resources Data
<b>Project</b>	MONO0003	Montgomery County DEP Data
<b>Project</b>	MONO0004	USGS National Uranium Resource Evaluation Data-65



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### National Park Service

**Organizational Program** Montezuma Castle National Monument

Built in the 12th and 13th centuries, this 5-story, 20-room cliff dwelling is one of the best preserved in the United States.  
Proclaimed Dec. 8, 1906. Boundary changes: Feb. 23, 1937; Oct. 19, 1943; April 4, 1947; June 23, 1959; Nov. 10, 1978.  
Acreage-857.69 Federal: 840.86 Nonfederal: 16.83.

Contact:  
Montezuma Castle  
National Monument  
P.O. Box 219  
Camp Verde, AZ 86322-0219  
520-567-3322

For Additional Information:  
[www.nps.gov/moca](http://www.nps.gov/moca)

**Project** None

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**Organizational Program** Moores Creek National Battlefield

The battle on Feb. 27, 1776, between North Carolina Patriots and Loyalists is commemorated here. The patriot victory notably advanced the revolutionary cause in the South.  
Established as a national military park June 2, 1926; transferred from War Dept. Aug. 10, 1933; redesignated Sept. 8, 1980. Boundary changes: Sept. 27, 1944; Oct. 26, 1974.  
Acreage--87.75, all federal.

Contact:  
Moores Creek  
National Battlefield  
40 Patriots Hall Drive  
Currie, NC 28435-0069  
910-283-5591

For Additional Information:  
[www.nps.gov/mocr](http://www.nps.gov/mocr)

**Project** MOCR0001 Ambient WQ Monitoring Program at Moores Creek NB

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**Organizational Program** Morristown National Historical Park

Morristown was quarters for the Continental Army during two critical winters-Jan. 1777 and 1779-80. The park includes the Ford Mansion, Jockey Hollow, and Fort Nonsense.  
Authorized March 2, 1933. Boundary changes: June 6, 1953; Sept. 18, 1964; Oct. 26, 1974; Oct. 21, 1976; Oct. 4, 1991; Nov. 6, 1998.  
Acreage--1,697.55 Federal: 1,682.83 Nonfederal: 14.72.

Contact:  
Morristown  
National Historical Park  
Washington Place  
Morristown, NJ 07960-4299  
201-539-2085

For Additional Information:  
[www.nps.gov/morr](http://www.nps.gov/morr)

**Project** None

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**Organizational Program** Mount Rainier National Park

This greatest single-peak glacial system in the United States radiates from the summit and

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## National Park Service

slopes of an ancient volcano, with dense forests and subalpine flowered meadows below.  
Established March 2, 1899. Boundary changes: May 28, 1926; Jan. 31, 1931; June 27, 1960;  
Nov. 16, 1988. Wilderness designated Nov. 16, 1988.  
Acreage--235,612.50, all federal. Wilderness area: 228,480.

Contact:  
Mount Rainier  
National Park  
Tahoma Woods, Star Route  
Ashford, WA 98304-9751  
360-569-2211

For Additional Information:  
[www.nps.gov/mora](http://www.nps.gov/mora)

**Project** None

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### Organizational Program

Mount Rushmore National Memorial

Colossal heads of Presidents George Washington, Thomas Jefferson, Abraham Lincoln, and Theodore Roosevelt were sculpted by Gutzon Borglum on the face of a granite mountain. Authorized March 3, 1925; transferred from Mount Rushmore National Memorial Commission July 1, 1939. Boundary changes: May 22, 1940; Oct. 6, 1949. Acreage--1,278.45 Federal: 1,238.45 Nonfederal: 40.

Contact:  
Mount Rushmore  
National Memorial  
P.O. Box 268  
Keystone, SD 57751-0268  
605-574-2523

For Additional Information:  
[www.nps.gov/moru](http://www.nps.gov/moru)

**Project** MORU0001 WQ Assessment of Horse Thief Lake by SD DENR  
**Project** MORU0002 South Dakota Public Water Supply Data by SD DEP - 1979  
**Project** MORU0003 USDA-Forest Service, Black Hills National Forest Data  
**Project** MORU0004 Spring Data Collected by Perry Rahn, SD School of Mines

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### Organizational Program

Muir Woods National Monument

This virgin stand of coastal redwoods was named for John Muir, writer and conservationist. Proclaimed Jan. 9, 1908. Boundary changes: Sept. 22, 1921; April 5, 1935; June 26, 1951; Sept. 8, 1959; April 11, 1972. Acreage--553.55 Federal: 522.98 Nonfederal: 30.57.

Contact:  
Muir Woods  
National Monument  
Mill Valley, CA 94941-2696  
415-388-2596

For Additional Information:  
[www.nps.gov/muwo](http://www.nps.gov/muwo)

**Project** None

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### Organizational Program

Natchez National Historical Park

Before the Civil War, Natchez became a commercial, cultural, and social center of the South's

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### National Park Service

"cotton belt." The city today represents one of the best preserved concentrations of significant antebellum properties in the United States. Within the park are Melrose, and excellent example of a planter's home, and the home of William Johnson, a prominent free black. Authorized Oct. 7, 1988.

Acreage--108.07 Federal: 81.87 Nonfederal: 26.20.

Contact:  
Natchez National Historical Park  
P.O. Box 1208  
Natchez, MS 39121-1208  
601-446-5790

For Additional Information:  
[www.nps.gov/natc](http://www.nps.gov/natc)

**Project** None

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### Organizational Program

Natchez Trace National Scenic Trail

Completed sections of this trail are found alongside the Natchez Trace Parkway near Rocky Springs, Jackson, and Tupelo, Mississippi, and Leipers Fork, Tennessee. Established March 28, 1983. Length: 694 miles (62 miles open to use). Acreage--10,995, all nonfederal.

Contact:  
Natchez Trace  
National Scenic Trail  
c/o Natchez Trace Parkway  
2680 Natchez Trace Parkway  
Tupelo, MS 38801-9718  
601-680-4025

For Additional Information:  
[www.nps.gov/natr](http://www.nps.gov/natr)

**Project** None

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### Organizational Program

Natchez Trace Parkway

The parkway generally follows the trace, or trail, used by American Indians and early settlers between Nashville, Tenn., and Natchez, Miss. Of the estimated 445 miles, 424 are completed. Emergency Appropriation Act of June 19, 1934, allocated initial construction funds; established as parkway under National Park Service by act of May 18, 1938. Ackia Battleground (authorized as a national monument Aug. 27, 1935, and now called Chickasaw Village) and Meriwether Lewis Park (proclaimed as a national monument Feb. 6, 1925, and transferred from War Dept. Aug. 10, 1933) were added to the Natchez Trace Parkway by act of Aug. 10, 1961. Acreage--51,746.50 Federal: 51,680.64 Nonfederal: 65.86.

Contact:  
Natchez Trace Parkway  
2680 Natchez Trace Parkway  
Tupelo, MS 38801-9718  
601-680-4025  
(Also in Alabama and Tennessee)

For Additional Information:  
[www.nps.gov/natr](http://www.nps.gov/natr)

**Project** NATR0001 Red Hills Mine Permit Application to MS DEQ - 1998  
**Project** NATR0002 Impact of Sandblasting Lead-Based Paint from Bridge  
**Project** NATR0003 USGS National Uranium Resource Evaluation Data-68

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### National Park Service

#### Organizational Program

National Capital Parks, Central

The park system of the Nation's Capital comprises parks, parkways, and reservations in the District of Columbia, including such properties as the Battleground National Cemetery, the President's Parks (Lafayette Park north of the White House and the Ellipse south of the White House), a variety of military fortifications, and green areas. Transferred from Office of Public Buildings and Public Parks of the National Capital Aug. 10, 1933.

Acreage - 6,546.92 Federal: 6,482.78 Nonfederal: 64.14

#### Contact:

National Capital Parks  
National Capital Region  
1100 Ohio Drive, SW  
Washington, D.C. 20242-0001  
202-485-9880

#### For Additional Information:

[www.nps.gov/nacc](http://www.nps.gov/nacc)

#### Project

NACC0001 Ambient WQ Monitoring at National Capital Parks-Central

#### Organizational Program

National Capital Parks, East

National Capital Parks, East offers a wide array of historic, natural, and recreational areas that are a part of Washington, D.C. and its eastern environs. The park includes 12 major park areas at 98 locations. Significant resources are as diverse as statuary, historic sites and buildings, recreation areas, parkways, archeological sites, tidal and non-tidal wetlands, meadows, and forests; and encompass over 8,000 acres. National Capital Parks, East extends north to Ann Arundel County at the northern end of the Baltimore/Washington Parkway, through Prince Georges County, and southeast to the southern part of Piscataway Park in Charles County, Maryland.

#### Contact:

National Capital Parks, East  
1900 Anacostia Drive, S.E  
Washington, DC 20020-6722  
301-763-4600

#### For Additional Information:

[www.nps.gov/nace](http://www.nps.gov/nace)

<b>Project</b>	NACE0001	Anacostia River Data Collected by Center for Urban Ecology
<b>Project</b>	NACE0002	Kenilworth Marsh Water and Sediment Quality Study - 1988
<b>Project</b>	NACE0003	Kenilworth Marsh Data Collected by Center for Urban Ecology
<b>Project</b>	NACE0004	USGS National Uranium Resource Evaluation Data-67
<b>Project</b>	NACE0005	Wetlands Inventory for Piscataway Creek and Potomac River
<b>Project</b>	NACE0006	Piscataway Cr. and Potomac R. Wetlands Monitoring (1983-84)
<b>Project</b>	NACE0007	MD OEP Piscataway and Potomac Wetlands Monitoring (1986)
<b>Project</b>	NACE0008	Piscataway Cr. and Potomac R. Wetlands Monitoring (1986)

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### National Park Service

#### Organizational Program

National Park of American Samoa

Paleotropical rainforests, pristine coral reefs, and white sand beaches on three volcanic islands in the South Pacific are home to unique tropical animals, including the flying fox fruit bat. Overnights in villages are encouraged.

Authorized Oct. 31, 1988; 50-year lease signed Sept. 9, 1993.

Acreage--9,000, all nonfederal. Water area: 2,500.

#### Contact:

National Park of  
American Samoa  
Pago Pago  
American Samoa 96799-0001  
684-633-7082

#### For Additional Information:

[www.nps.gov/npsa](http://www.nps.gov/npsa)

#### Project

None

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#### Organizational Program

Natural Bridges National Monument

Three natural bridges carved out of sandstone, including the second and third largest in the world, are protected here. Also present are Ancestral Puebloan rock art and ruins.

Proclaimed April 16, 1908. Boundary changes: April 16, 1908; Sept. 25, 1909; Feb. 11, 1916; Aug. 14, 1962.

Acreage--7,636.49, all federal.

#### Contact:

Natural Bridges  
National Monument  
P.O. Box 1  
Lake Powell, UT 84533-0101  
435-692-1234

#### For Additional Information:

[www.nps.gov/nabr](http://www.nps.gov/nabr)

#### Project

NABR0001 Monitoring in Response to Proposed Nuclear Waste  
Reposit.-4

#### Project

NABR0002 USGS National Uranium Resource Evaluation Data-66

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#### Organizational Program

Navajo National Monument

Betatakin, Keet Seel, and Inscription House (closed to the public due to its fragility) are three cliff dwellings of the Ancestral Puebloan People.

Proclaimed March 20, 1909. Boundary change: March 14, 1912. Headquarters is on 244.59 acres of tribal land adjacent to the Betatakin section; used by agreement of May 1962. A right-of-way of 4.59 acres was granted to the Park Service in 1977.

Acreage-360, all federal.

#### Contact:

Navajo National Monument  
H.C. 71, Box 3  
Tonalea, AZ 86044-9704  
520-672-2366

#### For Additional Information:

[www.nps.gov/nava](http://www.nps.gov/nava)

#### Project

NAVA0001 Betatakin and Keet Seel Springs Data - 1983

#### Project

NAVA0002 Water Resources Management Profile by NPS - 1982

#### Project

NAVA0003 Keet Seel Spring Data from Navajo Tribal Utility Authority

#### Project

NAVA0004 Keet Seel Spring Data Analyzed by Westech Lab - 1991

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## National Park Service

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**Organizational Program** New Bedford Whaling National Historical Park

This is the only National Park Service site to commemorate whaling and its contributions to American history. The park includes a 20-acre National Historic Landmark District, the schooner Ernestina, and a number of cultural institutions, including the New Bedford Whaling Museum.

Authorized Nov. 12, 1996.  
Acreage--20, all nonfederal.

Contact:  
New Bedford Whaling  
National Historical Park  
33 William Street  
New Bedford, MA 02740  
508-996-4095

For Additional Information:  
[www.nps.gov/nebe](http://www.nps.gov/nebe)

**Project** None

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**Organizational Program** New Orleans Jazz National Historical Park

The park will interpret jazz as it has evolved in New Orleans and assist a range of organizations involved with jazz and its history.

Authorized Oct. 31, 1994.  
Acreage--4, all nonfederal.

Contact:  
New Orleans Jazz  
National Historical Park  
365 Canal Street, Suite 2400  
New Orleans, LA 70130-1142  
504-589-4806

For Additional Information:  
[www.nps.gov/neor](http://www.nps.gov/neor)

**Project** None

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**Organizational Program** New River Gorge National River

A rugged, whitewater river, flowing northward through deep canyons, the New is among the oldest rivers on the continent. The free-flowing, 53-mile section from Hinton to Fayetteville is abundant in natural, scenic, historic, and recreational features.

Authorized Nov. 10, 1978.  
Acreage--70,901.65 Federal: 45,380.37 Nonfederal: 25,521.28.

Contact:  
New River Gorge  
National River  
P.O. Box 246  
Glen Jean, WV 25846-0246  
304-465-0508

For Additional Information:  
[www.nps.gov/neri](http://www.nps.gov/neri)

**Project** NERI0001 Ambient WQ Monitoring Program at New River Gorge NR

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**Organizational Program** Nez Perce National Historical Park

The park's 38 sites, spreading across Idaho, Washington, and Montana, commemorate the

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### National Park Service

Nez Perce. Five sites are owned and managed by the National Park Service at Spalding, Canoe Camp, East Klamath, White Bird Battlefield, and Big Hole National Battlefield. Authorized May 15, 1965. Boundary change: Oct. 30, 1992. Acreage--2,122.82 Federal: 1,846.74 Nonfederal: 276.08.

Contact:  
National Historical Park  
Route 1, Box 100  
Spalding, ID 83540-9715  
208-843-2261  
(Also in Montana, Oregon,  
and Washington)

For Additional Information:  
[www.nps.gov/nepe](http://www.nps.gov/nepe)

**Project** None

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### Organizational Program Nicodemus National Historic Site

Nicodemus, Kansas, is the only remaining town established by African Americans during the reconstruction period, and represents the western expansion and settlement of the Great Plains. It is the site of the oldest reported post office supervised by African Americans in the United States. The site includes five buildings: The First Baptist Church, St. Francis Hotel, Nicodemus School District Number One, African Methodist Episcopal Church, and Township Hall (all privately owned). UNDER DEVELOPMENT. Established Nov. 12, 1996. Acreage--161.35, all nonfederal.

Contact:  
Nicodemus  
National Historic Site  
c/o Fort Larned National  
Historic Site  
Route 3  
Larned, KS 67550  
316-285-6911

For Additional Information:  
[www.nps.gov/nico](http://www.nps.gov/nico)

**Project** None

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### Organizational Program Ninety Six National Historic Site

This important colonial backcountry trading village is the scene of Nathanael Greene's siege in 1781. The site contains earthwork embankments of a 1781 fortification, the remains of two historic villages, a colonial plantation complex, and numerous prehistoric sites. Authorized Aug. 19, 1976. Acreage--989.14, all federal.

Contact:  
Ninety Six  
National Historic Site  
P.O. Box 496  
Ninety Six, SC 29666-0496  
864-543-4068

For Additional Information:  
[www.nps.gov/nisi](http://www.nps.gov/nisi)

**Project** None

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## 11NPSWRD National Park Service

### Organizational Program Niobrara National Scenic River

The river flows through an ecological crossroads between eastern woodlands and western grasslands, with their respective flora and fauna. The upper portion of this river provides excellent canoeing.

Authorized May 24, 1991. Length: 76 miles.

Acreage--21,035.79 Federal: 790 Nonfederal: 20,245.79.

Contact:  
Niobrara  
National Scenic River  
P.O. Box 591  
O'Neill, NE 68763-0591  
402-336-3970

For Additional Information:  
[www.nps.gov/niob](http://www.nps.gov/niob)

**Project** None

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### Organizational Program Noatak National Preserve

The Noatak River basin is the largest mountain-ringed river basin in the nation still virtually unaffected. The preserve includes landforms of great scientific interest, including the 65-mile-long Grand Canyon of the Noatak, a transition zone and migration route for plants and animals between subarctic and arctic environments, and an array of flora among the most diverse anywhere in the earth's northern latitudes. LIMITED FEDERAL FACILITIES.

Proclaimed a national monument Dec. 1, 1978; established as a national preserve Dec. 2, 1980. Wilderness designated Dec. 2, 1980. Designated a Biosphere Reserve 1976.

Acreage--6,569,904.43 Federal: 6,276,054.98 Nonfederal: 293,849.45. Wilderness area: 5,800,000.

Contact:  
Noatak National Preserve  
P.O. Box 1029  
Kotzebue, AK 99752-0129  
907-442-3890

For Additional Information:  
[www.nps.gov/noaa](http://www.nps.gov/noaa)

**Project** None

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### Organizational Program North Cascades National Park

In this wilderness park high jagged peaks intercept moisture-laden winds, producing glaciers, waterfalls, rivers, lakes, lush forests, and a great diversity of flora and fauna.

Established Oct. 2, 1968. Wilderness designated Nov. 16, 1988.

Acreage--504,780.94 Federal: 504,575.45 Nonfederal: 205.49. Wilderness area: 634,614. (The Stephen Mather Wilderness Area extends into Lake Chelan National Recreation Area and Ross Lake National Recreation Area.)

Contact:  
North Cascades  
National Park  
2105 State Route 20  
Sedro Woolley, WA 98284-  
9314  
360-856-5700

For Additional Information:  
[www.nps.gov/noca](http://www.nps.gov/noca)

**Project** None

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#### National Park Service

##### Organizational Program

Obed Wild and Scenic River

Forty-five miles of free-flowing streams are protected within the park, offering Class II through IV whitewater, camping, hiking, and other activities.

Authorized Oct. 12, 1976.

Acreage--5,173.42 Federal: 3,449.56 Nonfederal: 1,723.86.

##### Contact:

Obed Wild and Scenic River

P.O. Box 429

Wartburg, TN 37887-0429

423-346-6294

##### For Additional Information:

[www.nps.gov/obed](http://www.nps.gov/obed)

- |                |          |   |
|----------------|----------|---|
| <b>Project</b> | OBRI0001 | TN DEC WQ Data Collected in 1996 and 1997 by Jonathon Burr  |
| <b>Project</b> | OBRI0002 | Chemical and Bacteriological Evaluation by Abbott - 1982    |
| <b>Project</b> | OBRI0003 | Ambient WQ Monitoring Program at Obed Wild and Scenic River |
| <b>Project</b> | OBRI0004 | Bio. Inventory and Assessment, Obed River Mile 20.8 to 38.6 |
| <b>Project</b> | OBRI0005 | Cumberland Plateau Muskellunge Investigation by J. Riddle-2 |
| <b>Project</b> | OBRI0006 | Coal Mining Effects on the Obed River WQ by Abbott - 1979   |

##### Organizational Program

Ocmulgee National Monument

Traces of 12,000 years of Southeastern culture from Ice Age Indians to the historic Creek Confederacy are preserved here. The park includes the massive temple mounds of a Mississippian Indian ceremonial complex that thrived between 900 and 1100 and many artifacts.

Authorized June 14, 1934. Boundary changes: June 13, 1941; July 9, 1991.

Acreage--701.54, all federal.

##### Contact:

Ocmulgee

National Monument

1207 Emery Highway

Macon, GA 31217-4399

912-752-8257

##### For Additional Information:

[www.nps.gov/ocmu](http://www.nps.gov/ocmu)

- |                |          |  |
|----------------|----------|--|
| <b>Project</b> | OCMU0001 | Misc. Data from Georgia Department of Natural Resources      |
| <b>Project</b> | OCMU0002 | Fisheries and Rec. Use Survey of the Upper Ocmulgee River    |
| <b>Project</b> | OCMU0003 | Macon Water Authority Data Collected After a Sewage Spill    |
| <b>Project</b> | OCMU0004 | Water Quality Investigation of Walnut Creek by GA DNR - 1986 |

##### Organizational Program

Oklahoma City National Monument

The bombing of the Alfred P. Murrah Federal Building on April 19, 1995, killed 168 people, including 19 small children, and injured 675. The memorial is being erected in their memory for the families, the survivors, and their rescuers.

Established Oct. 9, 1997.

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## National Park Service

Acreage--6.24 Federal 3.12 Nonfederal: 3.12.

Contact:  
Oklahoma City  
National Monument  
P.O. Box 676  
Oklahoma City, OK 73101-0676  
405-232-2454

**Project** None

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### Organizational Program Olympic National Park

This park is a large wilderness area featuring rugged glacier-capped mountains, deep valleys, lush meadows, sparkling lakes, giant trees, 57 miles of unspoiled beaches, teeming wildlife such as Roosevelt elk and Olympic marmot, and the most spectacular temperate rainforest in the world.

Proclaimed Mount Olympus National Monument March 2, 1909; transferred from Forest Service, U.S. Dept. of Agriculture, Aug. 10, 1933; renamed and redesignated June 29, 1938. Boundary changes: Jan. 2, 1940; May 29, 1943; Jan. 6, 1953; Oct. 21, 1976; Oct. 10, 1986; Nov. 16, 1988. Wilderness designated Nov. 16, 1988. Designated a Biosphere Reserve 1976. Designated a World Heritage Site Oct. 27, 1981.

Acreage--922,650.68 Federal: 913,339.25 Nonfederal: 9,311.43. Wilderness area: 876,669.

Contact:  
Olympic National Park  
600 East Park Avenue  
Port Angeles, WA 98362-6757  
360-452-4501

For Additional Information:  
[www.nps.gov/olym](http://www.nps.gov/olym)

<b>Project</b>	OLYM0001	WQ in Lake Ozette Ecosystem and Potential Salmonid Impacts
<b>Project</b>	OLYM0002	Stream Monitoring Using the EPA REMAP Protocol by NPS - 1998
<b>Project</b>	OLYM0003	Sol Duc Hot Springs Resort Effects on River WQ and Biota
<b>Project</b>	OLYM0004	Non-Point Source Nutrient Enrichment Lake Crescent - 1989
<b>Project</b>	OLYM0005	Precip. and Stream Chemistry in an Old-Growth Forest - 1997

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### Organizational Program Oregon Caves National Monument

Violent geologic events spanning millions of years and the dissolving action of acidic water created a marble cave nestled within an unusually diverse array of rock types. The area preserves a remnant of old-growth Douglas fir forest and Northwest rustic architecture within a National Historic District.

Proclaimed July 12, 1909; transferred from Forest Service, U.S. Dept. of Agriculture, Aug. 10, 1933. Boundary change: Nov. 10, 1978.

Acreage--487.98 Federal: 484.03 Nonfederal: 3.95.

Contact:  
Oregon Caves  
National Monument  
19000 Caves Highway  
Cave Junction, OR 97523-9716  
541-592-2100

For Additional Information:

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## National Park Service

[www.nps.gov/orca](http://www.nps.gov/orca)

**Project** ORCA0001 WQ Inventory of the Waters Contributing to the Cave System

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### Organizational Program Organ Pipe Cactus National Monument

Sonoran Desert plants and animals found nowhere else in the United States are protected here, as are traces of the Camino del Diablo historic trail. Proclaimed April 13, 1937. Wilderness designated Nov. 10, 1978. Designated a Biosphere Reserve 1976. Acreage-330,688.86 Federal: 329,315.22 Nonfederal: 1,373.64. Wilderness area: 312,600.

Contact:  
Organ Pipe Cactus  
National Monument  
Route 1, Box 100  
Ajo, AZ 85321-9626  
520-387-6849

For Additional Information:  
[www.nps.gov/orpi](http://www.nps.gov/orpi)

**Project** ORPI0001 Data From NPS Water Level Record Sheets and/or Arizona CPSU

**Project** ORPI0002 Ecological Reconnaissance of Quitobaquito Spring - 1965

**Project** ORPI0003 USGS Spring Schedule Records for Bull Pasture Spring - 1974

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### Organizational Program Ozark National Scenic Riverways

The 134 miles of the Current and Jacks Fork rivers provide canoeing, tubing, fishing, and swimming opportunities. Nearly 100 springs pour thousands of gallons of clear, cold water into the streams. Ozark culture is preserved throughout the area. This is the first national scenic river.

Authorized Aug. 27, 1964; established June 10, 1972. Acreage--80,790.04 Federal: 61,368.42 Nonfederal: 19,421.62.

Contact:  
Ozark  
National Scenic Riverways  
P.O. Box 490  
Van Buren, MO 63965-0490  
573-323-4236

For Additional Information:  
[www.nps.gov/ozar](http://www.nps.gov/ozar)

**Project** OZAR0001 Ambient WQ Monitoring Program at Ozark NSR

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### Organizational Program Padre Island National Seashore

Noted for its wide sand beaches, excellent fishing, and abundant bird and marine life, this barrier island stretches along the Gulf Coast for 80.5 miles.

Authorized Sept. 28, 1962; established April 6, 1968. Acreage--130,434.27 Federal: 130,355.46 Nonfederal: 78.81.

Contact:  
Padre Island  
National Seashore  
P.O. Box 181300  
Corpus Christi, TX  
78480-1300

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### National Park Service

361-949-8173

For Additional Information:

[www.nps.gov/pais](http://www.nps.gov/pais)

<b>Project</b>	PAIS0001	Compilation of Salinity Data for the Laguna Madre - 1949
<b>Project</b>	PAIS0002	Ecological Survey of the Lower Laguna Madre 1953-1959
<b>Project</b>	PAIS0003	Effects of Padre Isles Development on Ecology - 1974
<b>Project</b>	PAIS0004	Ecology of Benthic Plants by Conover - 1963
<b>Project</b>	PAIS0005	WQ and Limnological Study of the Sewage System-Pond Complex
<b>Project</b>	PAIS0006	Domestic Waste in Laguna Madre from Houses on Spoil Island
<b>Project</b>	PAIS0007	Adequacy of Texas WQ Standards for Protecting Water - 1993
<b>Project</b>	PAIS0008	Ecological Survey of the Upper Laguna Madre of Texas
<b>Project</b>	PAIS0009	Baseline Study of Three Ponds by Stanley L. Sissom - 1990
<b>Project</b>	PAIS0010	Physical Processes in Upper Laguna Madre by Smith - 1976
<b>Project</b>	PAIS0011	Penaeid Shrimp in the Lower Laguna Madre of Texas - 1974
<b>Project</b>	PAIS0012	TNRCC Data for 8 Stations in the Corpus Christi Area
<b>Project</b>	PAIS0013	Chemical and Physical Characteristics of the Estuaries of TX
<b>Project</b>	PAIS0014	Upper Laguna Madre Long-Term WQ - USGS Hydrolab Data
<b>Project</b>	PAIS0015	WQ Segment Report for Segment No. 2491 Laguna Madre - 1975

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#### Organizational Program Palo Alto Battlefield National Historic Site

The park preserves the large battlefield on which the first battle of the 1846-48 Mexican War took place. It portrays the battle and the war, and its causes and consequences, from the perspectives of both the U.S. and Mexico.

Authorized Nov. 10, 1978. Boundary change: June 23, 1992.

Acreage--3,357.42 Federal: 391.47 Nonfederal: 2,965.95.

Contact:

Palo Alto Battlefield  
National Historic Site  
1623 Central Blvd. #213  
Brownsville, TX 78520-8326  
956-541-2785

For Additional Information:

[www.nps.gov/paal](http://www.nps.gov/paal)

<b>Project</b>	PAAL0001	Irrigation Impacts on WQ, Bottom Sediment, and Biota - 1988
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#### Organizational Program Pea Ridge National Military Park

The victory here on March 7-8, 1862, in one of the major battles of the Civil War west of the Mississippi, allowed the Union to maintain control of Missouri, thus assisting the strategic Mississippi campaign. Among the Confederate troops at Pea Ridge were about 1,000 Cherokee and Choctaw-Chickasaw Indians.

Authorized July 20, 1956

Acreage-4,300.35 Federal: 4,278.75 Nonfederal: 21.60.

Contact:

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## National Park Service

Pea Ridge  
National Military Park  
P.O. Box 700  
Pea Ridge, AR 72751-0700  
501-451-8122

For Additional Information:  
[www.nps.gov/peri](http://www.nps.gov/peri)

**Project** PERI0001 USGS National Uranium Resource Evaluation Data-69

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### Organizational Program Pecos National Historical Park

The park preserves 12,000 years of human history, including the ruins of Pecos Pueblo and many other American Indian structures, Spanish colonial missions, homesteads of the Mexican era, a section of the Santa Fe Trail, sites related to the Civil War Battle of Glorieta Pass, and a 20th-century ranch.  
Authorized as a national monument June 28, 1965; redesignated June 27, 1990. Boundary changes: Oct. 21, 1976; June 27, 1990; Nov. 8, 1990.  
Acreage--6,671.42 Federal: 6,210.55 Nonfederal: 460.87.

Contact:  
Pecos  
National Historical Park  
P.O. Box 418  
Pecos, NM 87552-0418  
505-757-6414

For Additional Information:  
[www.nps.gov/peco](http://www.nps.gov/peco)

**Project** PECO0001 Ambient WQ Monitoring Program at Pecos NHP  
**Project** PECO0002 WQ Assessment of Pecos River and Glorieta Creek by Jacobi

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### Organizational Program Perry's Victory and International Peace Memorial

Commodore Oliver H. Perry won the greatest naval battle of the War of 1812 on Lake Erie. The memorial--the world's most massive Doric column--was constructed in 1912-15 "to inculcate the lessons of international peace by arbitration and disarmament."  
Established as a national monument June 2, 1936; redesignated Oct. 26, 1972. Boundary changes: Oct. 26, 1972; Aug. 16, 1978.  
Acreage--25.38 Federal 24.97 Nonfederal 0.41.

Contact:  
Perry's Victory and  
International Peace Memorial  
P.O. Box 549  
93 Delaware Avenue  
Put-in-Bay, OH 43456-0549  
419-285-2184

For Additional Information:  
[www.nps.gov/pevi](http://www.nps.gov/pevi)

**Project** None

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### Organizational Program Petersburg National Battlefield

The Union Army waged a 10-month campaign here 1864-65 to seize Petersburg. The park also includes the City Point Unit in Hopewell, Va. The Five Forks Battlefield Unit, in Dinwiddie County, is where the Confederate collapse led to the fall of the city and ultimately of Richmond. Poplar Grove (Petersburg) National Cemetery-6,315 interments, 4,110 unidentified-is near the park; grave space is not available.

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Park: Established as a national military park July 3, 1926; transferred from War Dept. Aug. 10, 1933; redesignated Aug. 24, 1962. Boundary changes: June 5, 1942; Sept. 7, 1949; Aug. 24, 1962; April 11, 1972; Nov. 10, 1978; December 26, 1990.

Cemetery: Probable date of Civil War interments 1866. Transferred from War Dept. Aug. 10, 1933.

Park acreage--2,659.19 Federal: 2,653.43 Nonfederal: 5.76. Cemetery acreage--8.72, all federal.

Contact:  
Petersburg  
National Battlefield  
1539 Hickory Hill Road  
Petersburg, VA 23803-4721  
804-732-3531

For Additional Information:  
[www.nps.gov/pete](http://www.nps.gov/pete)

**Project** PETE0001 Ambient WQ Monitoring Program at Petersburg NB

## Organizational Program Petrified Forest National Park

Featured in the park are petrified logs composed of multicolored quartz; shortgrass prairie; part of the Painted Desert; and archeological, paleontological, historic, and cultural resources. Proclaimed a national monument Dec. 8, 1906; redesignated Dec. 9, 1962. Boundary changes: July 31, 1911; Nov. 14, 1930; Nov. 30, 1931; Sept. 23, 1932; March 28, 1958. Wilderness designated Oct. 23, 1970. Acreage-93,532.57, all federal. Wilderness area: 50,260.

Contact:  
Petrified Forest  
National Park  
P.O. Box 2217  
Petrified Forest, AZ 86028-2217  
520-524-6228

For Additional Information:  
[www.nps.gov/pefo](http://www.nps.gov/pefo)

**Project** None

## Organizational Program Petroglyph National Monument

More than 15,000 prehistoric and historic Native American and Hispanic petroglyphs (images carved in rock) stretch 17 miles along Albuquerque's West Mesa escarpment. Authorized June 27, 1990. Owned and managed jointly by the National Park Service, City of Albuquerque, and State of New Mexico. Acreage--7,231.62 Federal: 2,204.87 Nonfederal: 5,026.75.

Contact:  
Petroglyph  
National Monument  
6001 Unser Blvd., NW  
Albuquerque, NM 87120-2033  
505-899-0205

For Additional Information:  
[www.nps.gov/petr](http://www.nps.gov/petr)

**Project** PETR0001 City of Albuquerque Stormwater Samples by Mainz - 1993

**Project** PETR0002 Ground Water in the Albuquerque Area by USGS - 1961

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### National Park Service

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**Organizational Program** Pictured Rocks National Lakeshore  
Multicolored sandstone cliffs, long beach strands, towering sand dunes, waterfalls, inland lakes, wetlands, hardwood and coniferous forests, and a variety of wildlife compose this scenic area on Lake Superior.  
Authorized Oct. 15, 1966; established Oct. 5, 1972. Boundary change: Nov. 12, 1996.  
Acreage--73,235.92 Federal: 35,725.86 Nonfederal: 37,510.06. Land area: 63,122.08.

Contact:  
Pictured Rocks  
National Lakeshore  
P.O. Box 40  
Munising, MI 49862-0040  
906-387-3700

For Additional Information:  
[www.nps.gov/piro](http://www.nps.gov/piro)

**Project** PIRO0001 Data Collected by Limnetics Inc. of Milwaukee

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**Organizational Program** Pinnacles National Monument  
Spirelike rock formations 500 to 1,200 feet high, with caves and a variety of volcanic features, rise above the smooth contours of the surrounding countryside.  
Proclaimed Jan. 16, 1908. Boundary changes: May 7, 1923; July 2, 1924; April 13, 1931; July 11, 1933; Dec. 5, 1941; Oct. 20, 1976. Wilderness designated Oct. 20, 1976.  
Acreage--16,265.44 Federal: 16,254.62 Nonfederal: 10.82. Wilderness area: 12,952.

Contact:  
Pinnacles  
National Monument  
5000 Hwy 146  
Paicines, CA 95043-9770  
831-389-4485

For Additional Information:  
[www.nps.gov/pinn](http://www.nps.gov/pinn)

**Project** None

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**Organizational Program** Pipe Spring National Monument  
The springs at this location have sustained hundreds of years of cultural occupation. The Ancestral Puebloan culture thrived here, followed by the Paiute people and Mormon pioneers. Historic structures associated with the 1870s pioneer ranching operation remain.  
Proclaimed May 31, 1923.  
Acreage-40, all federal.

Contact:  
Pipe Spring  
National Monument  
HC65, Box 5  
Fredonia, AZ 86022  
520-643-7105

For Additional Information:  
[www.nps.gov/pisp](http://www.nps.gov/pisp)

**Project** PISP0001 Water Resources and Problems by Robert Rose, NPS - 1993  
**Project** PISP0002 Spring Flow Measurements Collected by NPS Staff Since 1976  
**Project** PISP0003 USGS National Uranium Resource Evaluation Data-70

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### National Park Service

**Project** PISP0004 Well and Spring Information, Kanab Area - 1979  
**Project** PISP0005 Geohydrology of Pipe Spring NM Area by USGS - 1999

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#### Organizational Program Pipestone National Monument

For centuries American Indians have been obtaining materials for pipe making from these quarries, a practice that is continued today. George Catlin, the painter, was the first person to describe the quarries in print. Pipestone is known as Catlinite in his honor. Established Aug. 25, 1937. Boundary change: June 18, 1956. Acreage--281.78, all federal.

Contact:  
Pipestone  
National Monument  
36 Reservation Avenue  
Pipestone, MN 56164-1269  
507-825-5464

For Additional Information:  
[www.nps.gov/pipe](http://www.nps.gov/pipe)

**Project** PIPE0001 Macroinvertebrate Assemblages in Great Plains Parks-4  
**Project** PIPE0002 Misc. Data Sheets and IAR Collected After a 1982 Fish Kill  
**Project** PIPE0003 Soil and Water Conservation District Pipestone Creek Data

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#### Organizational Program Piscataway Park

The tranquil view from Mount Vernon of the Maryland shore of the Potomac is preserved by this park, a pilot project in the use of easements to protect significant places from obtrusive urban expansion. Authorized Oct. 4, 1961. Boundary changes: July 19, 1966; Oct. 21, 1976. Acreage--4,371.62 Federal: 4,334.46 Nonfederal: 37.16.

Contact:  
Piscataway Park  
National Capital Parks, East  
1900 Anacostia Drive, SE  
Washington, DC 20020-6722  
301-763-4600

For Additional Information:  
[www.nps.gov/pics](http://www.nps.gov/pics)

**Project** None

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#### Organizational Program Point Reyes National Seashore

This peninsula near San Francisco is noted for its long beaches backed by tall cliffs, lagoons and esteros, forested ridges, and offshore bird and sea lion colonies. Part of the area remains a private pastoral zone. Authorized Sept. 13, 1962; established Oct. 20, 1972. Boundary changes: Dec. 26, 1974; Nov. 10, 1978; March 5, 1980. Wilderness designated Oct. 18, 1976. Designated a Biosphere Reserve 1988. Acreage--71,059.61 Federal: 64,526.77 Nonfederal: 6,532.84. Land area: 53,883.98. Wilderness area: 25,370.

Contact:  
Point Reyes  
National Seashore  
Point Reyes, CA 94956-9799  
415-663-1092



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### National Park Service

For Additional Information:  
[www.nps.gov/pore](http://www.nps.gov/pore)

<b>Project</b>	PORE0001	Pollution Studies of Drakes Estero and Abbotts Lagoon - 1990
<b>Project</b>	PORE0002	Reevaluation of Shellfish Growing Class. for Drakes Estero
<b>Project</b>	PORE0003	Marin Municipal Water District Water Quality Lab Report
<b>Project</b>	PORE0004	Hydrologic Reconnaissance of Point Reyes NS by USGS - 1966
<b>Project</b>	PORE0005	Ecological Survey of Tomales Bay by Johnson - 1961-2

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#### Organizational Program

Potomac Heritage National Scenic Trail

The idea behind this trail is to connect the tidewater regions along the Potomac River to the Laurel highlands of Pennsylvania. Areas currently open to the public are the C&O Canal towpath and the Mount Vernon Trail. The trail is also a unit of the National Trails System. Established March 28, 1983. Length: 704 miles. Acreage--undetermined.

Contact:  
Potomac Heritage  
National Scenic Trail  
c/o National Capital Region  
1100 Ohio Drive, SW  
Washington, DC 20242-0001  
202-619-7222  
(Also in the District of Columbia,  
Virginia, and Pennsylvania)

For Additional Information:  
[www.nps.gov/pohe](http://www.nps.gov/pohe)

**Project** None

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#### Organizational Program

Poverty Point National Monument

Located in northeastern Louisiana, this park commemorates a culture that thrived during the first and second millennia B.C. Today this site, which contains some of the largest prehistoric earthworks in North America, continues to be managed by the state of Louisiana. State park facilities are open to the public.  
NO FEDERAL FACILITIES.  
Authorized Oct. 31, 1988.  
Acreage--910.85, all nonfederal.

Contact:  
Poverty Point  
National Monument  
c/o Poverty Point State  
Commemorative Area  
P.O. Box 248  
Epps, LA 71237  
318-926-5492

For Additional Information:  
[www.nps.gov/popop](http://www.nps.gov/popop)

**Project** None

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#### Organizational Program

Prince William Forest Park

The pine and hardwood forests of the Quantico Creek watershed shelter hiking trails and campgrounds.

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### National Park Service

Chopawamsic Recreation Demonstration Area transferred from Resettlement Administration Nov. 14, 1936; renamed June 22, 1948.  
Acreage--18,661.21 Federal: 17,500 Nonfederal: 1,161.21.

Contact:  
Prince William Forest Park  
18100 Park Headquarters  
Road  
Triangle, VA 22172-0209  
703-221-7181

For Additional Information:  
[www.nps.gov/prwi](http://www.nps.gov/prwi)

**Project** PRWI0001 USGS National Uranium Resource Evaluation Data-71

### Organizational Program Pu'uhonua o Honaunau National Historical Park

Until 1819, vanquished Hawaiian warriors, noncombatants, and kapu breakers could escape death by reaching this sacred ground. The park includes ancient house sites, royal fishponds, coconut groves, and spectacular shore scenery. This is the premier Hawaiian culture park. Authorized as City of Refuge National Historical Park July 26, 1955; renamed Nov. 10, 1978. Acreage--181.80, all federal.

Contact:  
Pu'uhonua o Honaunau  
National Historical Park  
P.O. Box 129  
Honaunau, HI 96726-0129  
808-328-2326

For Additional Information:  
[www.nps.gov/puho](http://www.nps.gov/puho)

**Project** PUHO0001 Aquatic Survey of Kona Coast Ponds, Hawaii Island - 1974-3

**Project** PUHO0002 Oceanic Institute's Summer Aquaculture Workshop Data

### Organizational Program Puukohola Heiau National Historic Site

Ruins of Puukohola Heiau ("Temple on the Hill of the Whale"), built by King Kamehameha the Great during his rise to power, are preserved. Authorized Aug. 17, 1972. Acreage--86.24 Federal: 60.95 Nonfederal: 25.29.

Contact:  
Puukohola Heiau  
National Historic Site  
P.O. Box 44340  
Kawaihae, HI 96743-4340  
808-882-7218

For Additional Information:  
[www.nps.gov/puhe](http://www.nps.gov/puhe)

**Project** PUHE0001 Anchialine Pond Data Collected by David Chai

**Project** PUHE0002 Aquatic Survey of Kona Coast Ponds, Hawaii Island - 1974-2

**Project** PUHE0003 Hydrologic Inventories of the Coastal Waters of West HI-1977

**Project** PUHE0004 WQ in Anchialine Ponds of Kona Hawaii Coast by Brock - 1987

**Project** PUHE0005 Waikoloa Anchialine Pond Program, 5th Status Report -

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## National Park Service

1994-2

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**Organizational Program** Rainbow Bridge National Monument  
Greatest of the world's known natural bridges, this symmetrical, salmon-pink sandstone span rises 290 feet above the floor of Bridge Canyon, accessible by boat from Lake Powell. Proclaimed May 30, 1910. Acreage--160, all federal.

Contact:  
Rainbow Bridge  
National Monument  
c/o Glen Canyon  
National Recreation Area  
P.O. Box 1507  
Page, AZ 86040-1507  
520-608-6200

For Additional Information:  
[www.nps.gov/rabr](http://www.nps.gov/rabr)

**Project** None

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**Organizational Program** Redwood National Park  
Coastal redwood forests with virgin groves of ancient trees, including the world's tallest, thrive in the foggy and temperate climate. The park includes 40 miles of scenic Pacific coastline. Established Oct. 2, 1968. Boundary change: March 27, 1978. Designated a World Heritage Site Sept. 2, 1980. Designated a Biosphere Reserve 1983. Acreage--112,430.40 Federal: 77,646.05 Nonfederal: 34,784.35. Land area: 106,000.

Contact:  
Redwood National Park  
1111 Second Street  
Crescent City, CA 95531-4198  
707-464-6101

For Additional Information:  
[www.nps.gov/redw](http://www.nps.gov/redw)

**Project** None

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**Organizational Program** Richmond National Battlefield Park  
The park commemorates several battles-Cold Harbor, Chaffins Farm, Drewry's Bluff, Gaines Mill, Malvern Hill, and Beaver Dam Creek-around Richmond, the Confederate capital. Authorized March 2, 1936. Boundary change: March 3, 1956. Acreage--1,077.70 Federal: 773.03 Nonfederal: 304.67.

Contact:  
Richmond  
National Battlefield Park  
3215 East Broad Street  
Richmond, VA 23223-7517  
804-226-1981

For Additional Information:  
[www.nps.gov/rich](http://www.nps.gov/rich)

**Project** RICH0001 Fort Darling Landfill Site Investigation by Draper Aden  
**Project** RICH0002 Assessment of an Urban Landfill on Tributary WQ by Del Nimmo

## Program Summary

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### National Park Service

**Project** RICH0003 Pathogenic Naegleria fowleri & Thermotolerant Amebas  
Sur.-13

**Project** RICH0004 Drewry's Bluff Project by Texas A&M Univ.

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#### Organizational Program Rio Grande Wild and Scenic River

A 196-mile strip on the American shore of the Rio Grande in the Chihuahuan Desert protects the river. It begins in Big Bend National Park and continues downstream to the Terrell-Val Verde county line. NO FEDERAL FACILITIES outside Big Bend National Park.  
Authorized Nov. 10, 1978.  
Acreage--9,600, all nonfederal.

Contact:  
Rio Grande  
Wild and Scenic River  
c/o Big Bend National Park  
P.O. Box 129  
Big Bend National Park, TX  
79834-0129  
915-477-2251

For Additional Information:  
[www.nps.gov/rigr](http://www.nps.gov/rigr)

**Project** None

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#### Organizational Program Rock Creek Park

One of the largest natural urban parks in the United States, this wooded preserve also contains a range of historic and recreational features in the midst of Washington.  
Authorized Sept. 27, 1890; transferred from Office of Public Buildings and Public Parks of the National Capital Aug. 10, 1933.  
Acreage--1,754.37, all federal.

Contact:  
Rock Creek Park  
3545 Williamsburg La., NW  
Washington, DC 20008-1207  
202-282-1063

For Additional Information:  
[www.nps.gov/rocr](http://www.nps.gov/rocr)

**Project** None

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#### Organizational Program Rocky Mountain National Park

The park's rich scenery, typifying the massive grandeur of the Rocky Mountains, is accessible by Trail Ridge Road, which crosses the Continental Divide. Peaks towering more than 14,000 feet shadow wildlife and wildflowers in these 415 square miles of the Rockies.  
Established Jan. 26, 1915. Boundary changes: Feb. 14, 1917; Sept. 18, 1922; June 2, 1924; Feb. 24, 1925; June 9, 1926; July 17, 1930; Jan. 11, 1932; March 5, 1936; Aug. 24, 1949; June 27, 1950; April 21, 1959; Sept. 23, 1960; Oct. 26, 1974; Dec. 22, 1980; Nov. 29, 1989. Wilderness designated Dec. 22, 1980. Designated a Biosphere Reserve 1976.  
Acreage--265,722.62 Federal: 265,316.16 Nonfederal: 406.46. Wilderness area: 2,917.

Contact:  
Rocky Mountain  
National Park  
Estes Park, CO 80517-8397  
970-586-1206

For Additional Information:

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### National Park Service

[www.nps.gov/romo](http://www.nps.gov/romo)

<b>Project</b>	ROMO0001	Correlating WQ with Biological Activity in Two Ponds by Gray
<b>Project</b>	ROMO0002	Ecological Characterization of Macroinvertebrate Assemblages
<b>Project</b>	ROMO0003	Ecology of Wetlands in Big Meadows by David J. Cooper - 1990
<b>Project</b>	ROMO0004	Long-Term Monitoring Program (NADP/NAPAP) in Loch Vale
<b>Project</b>	ROMO0005	Invertebrate Algal Carbon in Streams by James H. McCutchan
<b>Project</b>	ROMO0006	Annual Capshell Snail Monitoring Program by Riebesell
<b>Project</b>	ROMO0007	Surface-Water Chemistry in Six Alpine-Subalpine Basins-1996
<b>Project</b>	ROMO0008	Water Quality of Mountain Watersheds by Samuel Kunkle - 1967
<b>Project</b>	ROMO0009	Bivouac Use Impact on WQ Below Longs Peak by Tipton - 1979
<b>Project</b>	ROMO0010	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-14
<b>Project</b>	ROMO0011	Baseline WQ of Big Thompson and Fall Rivers and Boulder Br.
<b>Project</b>	ROMO0012	Colonization of Lawn Lake Alluvial Fan by Amphibians - 1993
<b>Project</b>	ROMO0013	Survey of Giardia in Streams and Wildlife by Kunkle - 1985
<b>Project</b>	ROMO0014	Baseline WQ of the Big Thompson and Fall Rivers - 1981
<b>Project</b>	ROMO0015	Lily Lake D.O. Monitoring for Greenback Cutthroat Trout-1992
<b>Project</b>	ROMO0016	Giardia in Remote Backcountry Streams by Monzingo - 1985
<b>Project</b>	ROMO0017	Livery Impacts on Glacier Creek by Bryan Cashion, NPS - 1972
<b>Project</b>	ROMO0018	USGS National Uranium Resource Evaluation Data-72
<b>Project</b>	ROMO0019	Long-Term Ecological Monitoring System Data by Hoffmeister
<b>Project</b>	ROMO0020	Sensitivity of Central Rockies to Acidic Deposition - 1983
<b>Project</b>	ROMO0021	Episodic Acidification and Amphibian Declines by USFWS
<b>Project</b>	ROMO0022	USGS Data From David Clow to Support Ongoing Loch Vale Study
<b>Project</b>	ROMO0023	Nominating the Big Thompson River for Wild and Scenic Status
<b>Project</b>	ROMO0024	Elementary School Student Sampling of Mill Creek

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#### Organizational Program Roger Williams National Memorial

This memorial is a landscaped urban park on the site of the founding of Providence by Roger Williams in 1636. Williams guaranteed religious freedom to all faiths. Authorized Oct. 22, 1965. Acreage--4.56, all federal.

Contact:  
Roger Williams  
National Memorial  
282 North Main Street  
Providence, RI 02903-1240  
401-521-7266

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### National Park Service

For Additional Information:  
[www.nps.gov/rowi](http://www.nps.gov/rowi)

**Project** None

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#### Organizational Program

Ross Lake National Recreation Area  
Ringed by mountains, this national recreation area offers many outdoor recreation opportunities along the upper reaches of the Skagit River, between the north and south units of North Cascades National Park.  
Established Oct. 2, 1968.  
Acreage--117,574.59 Federal: 115,857.39 Nonfederal: 1,717.20.

Contact:  
Ross Lake  
National Recreation Area  
2105 State Route 20  
Sedro Woolley, WA 98284-9314  
360-856-5700

For Additional Information:  
[www.nps.gov/rola](http://www.nps.gov/rola)

**Project** None

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#### Organizational Program

Russell Cave National Monument  
An almost continuous archeological record of human habitation from at least 7000 B.C. to about A.D. 1650--Transitional Paleo to Mississippian cultural periods--is revealed in this cave.  
Proclaimed May 11, 1961.  
Acreage--310.45, all federal.

Contact:  
Russell Cave  
National Monument  
3729 County Road 98  
Bridgeport, AL 35740-9770  
205-495-2672

For Additional Information:  
[www.nps.gov/ruca](http://www.nps.gov/ruca)

**Project** RUCA0001 Water Availability in Jackson County, Alabama - 1989  
**Project** RUCA0002 Assessment of Ecological Resources of Selected Caves-1994-2

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#### Organizational Program

Sagamore Hill National Historic Site  
Sagamore Hill was Theodore Roosevelt's home from 1886 until his death in 1919. As a boy he spent summers in Oyster Bay with his family. The shingle-style, Queen Anne home was built in 1885 from a plan he sketched. Twenty-five rooms are open to the public, and almost all the furnishings are original. Roosevelt is buried nearby.  
Authorized July 25, 1962.  
Acreage--83.02, all federal.

Contact:  
Sagamore Hill  
National Historic Site  
20 Sagamore Hill Road  
Oyster Bay, NY 11771-1899  
516-922-4788

For Additional Information:  
[www.nps.gov/sahi](http://www.nps.gov/sahi)

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## National Park Service

**Project** None

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**Organizational Program** Saguario National Park

Giant saguaro cacti, unique to the Sonoran Desert, cover the valley floor and rise into the neighboring mountains. Five biotic life zones are represented here, from desert to ponderosa pine forest. There are also ancient petroglyphs. Proclaimed a national monument March 1, 1933; transferred from Forest Service, U.S. Dept. of Agriculture, Aug. 10, 1933; redesignated Oct. 4, 1994. Boundary changes: Nov. 15, 1961; Oct. 21, 1976; June 19, 1991; Oct. 4, 1994. Wilderness designated Oct. 20, 1976. Acreage-91,406.82 Federal: 86,746.29 Nonfederal: 4,660.53. Wilderness area: 71,400.

Contact:  
Saguaro National Park  
3693 South Old  
Spanish Trail  
Tucson, AZ 85730-5699  
520-733-5153

For Additional Information:  
[www.nps.gov/sagu](http://www.nps.gov/sagu)

**Project** SAGU0001 USGS Spring Schedules Completed by William Reed,  
NPS WRD

**Project** SAGU0002 USGS National Uranium Resource Evaluation Data-75

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**Organizational Program** Saint Croix Island International Historic Site

The attempted French settlement of 1604, which led to the founding of New France, is commemorated on Saint Croix Island in the Saint Croix River on the Canadian Border. NO FEDERAL FACILITIES. Authorized as a national monument June 8, 1949; redesignated Sept. 25, 1984. Acreage--44.90 Federal: 22.44 Nonfederal: 22.46

Contact:  
Saint Croix Island  
International Historic Site  
c/o Acadia National Park  
P.O. Box 177  
Bar Harbor, ME 04609-0177  
207-288-3338

For Additional Information:  
[www.nps.gov/sacr](http://www.nps.gov/sacr)

**Project** None

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**Organizational Program** Saint Croix National Scenic Riverway

The St. Croix and Namekagon Rivers flow through some of the most undeveloped country in the upper midwest. Visitors canoe, boat, camp, fish, hike, and view wildlife in the area, renowned for spectacular scenery. The states of Minnesota and Wisconsin manage the lower 25 miles of the St. Croix River to its confluence with the Mississippi River. Authorized Oct. 2, 1968. Boundary changes: Oct. 25, 1972; Dec. 23, 1980. Acreage--92,735.20 Federal: 39,324.23 Nonfederal: 53,410.97.

Contact:  
Saint Croix  
National Scenic Riverway  
P.O. Box 708  
Saint Croix Falls, WI 54024-  
0708

# Program Summary

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## National Park Service

715-483-3284  
(Also in Minnesota)

For Additional Information:  
[www.nps.gov/sacr](http://www.nps.gov/sacr)

**Project** None

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### Organizational Program Saint Paul's Church National Historic Site

This 18th century church is one of New York's oldest parishes (1665-1980). It was used as a hospital following the Revolutionary War battle at Pell's Point in 1776. The church stood at the edge of the Eastchester village green, the site of the "Great Election" (1773), which raised the issues of Freedom of Religion and Press. The adjoining cemetery contains burials dating from 1665.

Designated July 5, 1943; National Park Service administration authorized Nov. 10, 1978.  
Acreage--6.13, all federal.

Contact:  
Saint Paul's Church  
National Historic Site  
897 South Columbus Avenue  
Mount Vernon, NY 10550-5018  
914-667-4116

For Additional Information:  
[www.nps.gov/sapa](http://www.nps.gov/sapa)

**Project** None

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### Organizational Program Saint-Gaudens National Historic Site

The park includes the home, studios, and gardens of Augustus Saint-Gaudens, America's foremost sculptor of the late 19th and early 20th centuries. Original sculpture is on exhibit. Authorized Aug. 31, 1964; established May 30, 1977. Boundary change: Oct. 31, 1976. Acreage--148.15 Federal: 141.20 Nonfederal: 6.95.

Contact:  
Saint-Gaudens  
National Historic Site  
R.R. #3, Box 73  
Cornish, NH 03745-9704  
603-675-2175

For Additional Information:  
[www.nps.gov/saga](http://www.nps.gov/saga)

**Project** SAGA0001 WQ in Blow-Me-Down Brook Watershed From 1982-1991 by Roman

**Project** SAGA0002 Ambient WQ Monitoring Program at Saint-Gaudens NHS

**Project** SAGA0003 USGS National Uranium Resource Evaluation Data-74

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### Organizational Program Salem Maritime National Historic Site

Recalling the time when Salem traded in the East Indies and throughout the world, the site includes 18th- and 19th-century wharves, the Custom House, the bonded warehouse, the West India Goods Store, the 17th-century Narbonne-Hale house, and the home of 18th-century merchant E. H. Derby.

Designated March 17, 1938. Boundary changes: Dec. 12, 1963; Nov. 10, 1978; June 27, 1988.

Acreage-9.02 Federal: 8.93 Nonfederal: 0.09.

Contact:



# Program Summary

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## National Park Service

Salem Maritime  
National Historic Site  
Custom House  
174 Derby Street  
Salem, MA 01970-5186  
978-740-1660

For Additional Information:  
[www.nps.gov/sama](http://www.nps.gov/sama)

**Project** None

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### Organizational Program

Salinas Pueblo Missions National Monument

This park preserves and interprets the best remaining examples of 17th-century Spanish Franciscan mission churches and conventos remaining in the United States and three large Pueblo Indian villages.

Proclaimed Gran Quivira National Monument Nov. 1, 1909; renamed Salinas National Monument and area enlarged Dec. 19, 1980; two state monuments absorbed Nov. 2, 1981; renamed Oct. 28, 1988. Boundary changes: Nov. 25, 1919; Dec. 19, 1980.  
Acreage--1,071.42 Federal: 985.13 Nonfederal: 86.29.

Contact:  
Salinas Pueblo Missions  
National Monument  
P.O. Box 517  
Mountainair, NM 87036-0496  
505-847-2585

For Additional Information:  
[www.nps.gov/sapu](http://www.nps.gov/sapu)

**Project** SAPU0001 USGS National Uranium Resource Evaluation Data-76  
**Project** SAPU0002 Water Resources Management Plan by NPS - 1997-2

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### Organizational Program

Salt River Bay National Hist. Park and Ecological Preserve

The park contains the only known site where members of the Columbus expedition set foot on what is now U.S. territory. It also preserves upland watersheds, mangrove forests, and estuarine and marine environments. The site is marked by Fort Sale, a remaining earthworks fortification from the Dutch period of occupation.

Authorized Feb. 24, 1992.  
Acreage--945.77 Federal: 19.09 Nonfederal: 926.68.

Contact:  
Salt River Bay  
National Historical Park  
and Ecological Preserve  
Danish Customs House  
Kings Wharf  
2100 Church Street, #100  
Christiansted, VI 00820-4611  
340-773-1460

For Additional Information:  
[www.nps.gov/sari](http://www.nps.gov/sari)

**Project** None

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### Organizational Program

San Antonio Missions National Historical Park

Four Spanish frontier missions, part of a colonization system that stretched across the Spanish Southwest in the 17th, 18th, and 19th centuries, are preserved here.  
Authorized Nov. 10, 1978; established April 1, 1983.

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## National Park Service

Acreage--819.21 Federal: 367.26 Nonfederal: 451.95.

Contact:  
San Antonio Missions  
National Historical Park  
2202 Roosevelt Avenue  
San Antonio, TX 78210-4919  
210-534-8833

For Additional Information:  
[www.nps.gov/saan](http://www.nps.gov/saan)

<b>Project</b>	SAAN0001	Data in STORET Owned by 21TEXWR Scheduled to be Retired-2
<b>Project</b>	SAAN0002	USGS National Uranium Resource Evaluation Data-73
<b>Project</b>	SAAN0003	Ambient WQ Monitoring Program by the San Antonio M.H.D.

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### Organizational Program San Francisco Maritime National Historical Park

The square-rigged sailing ship Balclutha, steam schooner Wapama, three-masted schooner C.A. Thayer, walking-beam ferry Eureka, scow schooner Alma, steam tug Hercules, paddle wheel tug Eppleton Hall, and numerous smaller craft are preserved.  
Established June 27, 1988.  
Acreage--28.39 Federal: 28.15 Nonfederal: .24.

Contact:  
San Francisco Maritime  
National Historical Park  
Fort Mason, Building 201  
San Francisco, CA 94123-1315  
415-556-1659

For Additional Information:  
[www.nps.gov/safr](http://www.nps.gov/safr)

**Project** None

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### Organizational Program San Juan Island National Historical Park

This park marks the events on the island from 1853 to 1872 in connection with final settlement of the Oregon Territory's boundary, including the so-called Pig War of 1859.  
Authorized Sept. 9, 1966.  
Acreage-1,751.99 Federal: 1,725.45 Nonfederal: 26.54.

Contact:  
San Juan Island  
National Historical Park  
P.O. Box 429  
Friday Harbor, WA 98250-0429  
360-378-2240

For Additional Information:  
[www.nps.gov/sajh](http://www.nps.gov/sajh)

**Project** None

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### Organizational Program San Juan National Historic Site

These massive masonry fortifications, oldest in the territorial limits of the United States, were begun by the Spaniards in the 16th century to protect a strategic harbor guarding the sea lanes to the New World.

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### National Park Service

Designated Feb. 14, 1949. Boundary change: Sept. 29, 1976. Designated a World Heritage Site Dec. 9, 1983.  
Acreage--75.13 Federal: 53.20 Nonfederal: 21.93.

Contact:  
San Juan  
National Historic Site  
Fort San Cristobal  
501 Calle Norzagaray  
San Juan, PR 00901  
787-729-6777

For Additional Information:  
[www.nps.gov/saju](http://www.nps.gov/saju)

**Project** None

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### Organizational Program

Santa Monica Mountains National Recreation Area

This recreation area near Los Angeles offers rugged mountains, a coastline with sandy beaches and rocky shores, canyons covered with chaparral, and abundant wildlife.  
Established Nov. 10, 1978.  
Acreage--153,725.70 Federal: 21,234.20 Nonfederal: 132,491.50.

Contact:  
Santa Monica Mountains  
National Recreation Area  
401 West Hillcrest Drive  
Thousand Oaks, CA 91360  
818-597-9192

For Additional Information:  
[www.nps.gov/samo](http://www.nps.gov/samo)

**Project** None

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### Organizational Program

Saratoga National Historical Park

The American victory here over the British in 1777 was the turning point of the Revolution and one of the decisive battles in world history. Maj. Gen. Philip Schuyler's country home and the 154-foot Saratoga monument are nearby.  
Authorized June 1, 1938. Boundary change: Jan. 12, 1983.  
Acreage--3,392.42 Federal: 2,884.88 Nonfederal: 507.54.

Contact:  
Saratoga  
National Historical Park  
648 Route 32  
Stillwater, NY 12170-1604  
518-664-9821

For Additional Information:  
[www.nps.gov/sara](http://www.nps.gov/sara)

**Project** SARA0001 Ambient WQ Monitoring Program at Saratoga NHP

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### Organizational Program

Saugus Iron Works National Historic Site

The site of the first integrated ironworks in North America (1646-68) includes the reconstructed blast furnace, forge, and rolling and slitting mill and a restored 17th-century house.  
Authorized April 5, 1968.  
Acreage--8.51, all federal.

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### National Park Service

Contact:  
Saugus Iron Works  
National Historic Site  
244 Central Street  
Saugus, MA 01906-2107  
781-233-0050

For Additional Information:  
[www.nps.gov/sair](http://www.nps.gov/sair)

<b>Project</b>	SAIR0001	Draft EIS: Saugus River and Tributaries by USACOE - 1989
<b>Project</b>	SAIR0002	Baseline Assessment of the Saugus River by Tashiro - 1991
<b>Project</b>	SAIR0003	Water Resources Improvement Study by USACOE - 1990

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### Organizational Program

Scotts Bluff National Monument

Rising 800 feet above the valley floor, this massive promontory was a landmark on the Oregon Trail, associated with overland migration across the Great Plains between 1843 and 1869.  
Proclaimed Dec. 12, 1919. Boundary changes: May 9, 1924; June 1, 1932; March 29, 1940; June 30, 1961.  
Acreage--3,003.03 Federal: 2,935.95 Nonfederal: 67.08.

Contact:  
Scotts Bluff  
National Monument  
P.O. Box 27  
Gering, NE 69341-0027  
308-436-4340

For Additional Information:  
[www.nps.gov/scbl](http://www.nps.gov/scbl)

**Project** None

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### Organizational Program

Sequoia National Park

Great groves of giant sequoias, the world's largest living things, Mineral King Valley, and Mount Whitney, the highest mountain in the U.S. outside of Alaska, are spectacular attractions here in the High Sierra.  
Established Sept. 25, 1890. Boundary changes: Oct. 1, 1890; July 3, 1926; Dec. 21, 1943; July 21, 1949; Oct. 19, 1951; Aug. 14, 1958; Nov. 10, 1978. Wilderness designated Sept. 28, 1984. Designated a Biosphere Reserve 1976.  
Acreage--402,510.05 Federal: 402,334.52 Nonfederal: 175.53. Wilderness area: 280,428.

Contact:  
Sequoia National Park  
47050 Generals Hwy  
Three Rivers, CA 93271-9651  
559-565-3341

For Additional Information:  
[www.nps.gov/seki](http://www.nps.gov/seki)

<b>Project</b>	SEQU0001	USGS-BRD Long-Term Baseline Watershed Ecosystem Project
<b>Project</b>	SEQU0002	Quantity and Quality of the Mineral King Water Resource
<b>Project</b>	SEQU0003	WQ Mineral King Lakes/Sequoia National Forest Tule River RD
<b>Project</b>	SEQU0004	Ambient WQ Data for SEQU 1981-1988 From Harold Werner, NPS

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### National Park Service

- Project** SEQU0005 Middle Fork Kaweah River Study in September 1993  
**Project** SEQU0006 Ongoing WQ Studies of Lakes by Jim Sickman, U.C.S.B.

#### Organizational Program Shenandoah National Park

Skyline Drive winds along the crest of the Blue Ridge Mountains for 105 miles. The park, which includes 300 square miles of the southern Appalachians, offers not only the area's most famous scenic roadway, but hiking trails (including the Appalachian Trail), wildlife viewing points, and an ever-changing hardwood forest.

Authorized May 22, 1926; fully established Dec. 26, 1935; dedicated July 3, 1936. Boundary changes: Feb. 16, 1928; Feb. 4, 1932; June 13, 1939; June 6, 1942; Sept. 13, 1960; June 30, 1961. Wilderness designated Oct. 20, 1976, and Sept. 1, 1978.

Acreage--198,181.58 Federal: 197,038.70 Nonfederal: 1,142.88. Wilderness area: 79,579.

**Contact:**

Shenandoah National Park  
3655 US Highway 211 East  
Luray, VA 22835-9051  
540-999-3500

**For Additional Information:**

[www.nps.gov/shen](http://www.nps.gov/shen)

- Project** SHEN0001 WQ Data Collected as Part of Ongoing Fish Monitoring Program  
**Project** SHEN0002 WQ Data From Ongoing Long-Term Ecological Monitoring Program  
**Project** SHEN0003 USGS National Uranium Resource Evaluation Data-77  
**Project** SHEN0004 WQ Data Collected by Staff During Resource Mgt. Activities  
**Project** SHEN0005 WQ Data from UVA Shenandoah Watershed Acidification Study  
**Project** SHEN0006 WQ Data From Virginia Trout Stream Sensitivity Study

#### Organizational Program Shiloh National Military Park

On April 6, 1862, Confederate forces attacked unsuspecting Union troops. One day later, a bolstered Federal army retook lost ground near Shiloh Church, compelling the Southerners to retreat.

Park: Established Dec. 27, 1894; transferred from War Dept. Aug. 10, 1933. Boundary changes: June 25, 1947; Aug. 22, 1957; May 16, 1958.

Cemetery: Union dead-3,584, of whom 2,357 are unknown-reinterred in 1866. Transferred from War Dept. Aug. 10, 1933.

Park acreage--3,996.64 Federal: 3,941.64 Nonfederal: 55. Cemetery acreage--10.05, all federal.

**Contact:**

Shiloh  
National Military Park  
1055 Pittsburg Landing Road  
Shiloh, TN 38376-9704  
901-689-5275

**For Additional Information:**

[www.nps.gov/shil](http://www.nps.gov/shil)

- Project** SHIL0001 Water Resources Monitoring Interpretive Reports #1 and #2  
**Project** SHIL0003 Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-15

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### National Park Service

#### Organizational Program Sitka National Historical Park

The site of the 1804 fort and battle that marked the last major Tlingit Indian resistance to Russian colonization is preserved here. Tlingit totem poles and crafts are exhibited. The Russian Bishop's House, built in 1842, is the oldest intact piece of Russian-American architecture.

Proclaimed a national monument March 23, 1910; redesignated Oct. 18, 1972. Boundary changes: Feb. 25, 1952; Oct. 18, 1972.

Acreage--106.83 Federal: 106.17 Nonfederal: 0.66.

Contact:

Sitka  
National Historical Park  
106 Metlakatla Street  
Sitka, AK 99835-7665  
907-747-6281

For Additional Information:

[www.nps.gov/sitk](http://www.nps.gov/sitk)

**Project** SITK0001 Phase II Site Assessment Water Samples by Shannon Wilson

#### Organizational Program Sleeping Bear Dunes National Lakeshore

This is a diverse landscape with massive sand dunes, quiet rivers, sand beaches, beech-maple forests, clear lakes, and rugged bluffs towering as high as 460 feet above Lake Michigan. Two offshore wilderness islands offer tranquility and seclusion.

Authorized Oct. 21, 1970; established Oct. 21, 1977.

Acreage--71,192.60 Federal: 57,093.30 Nonfederal: 14,099.30. Land area: 58,473.

Contact:

Sleeping Bear Dunes  
National Lakeshore  
9922 Front Street  
Empire, MI 49630-9797  
616-326-5134

For Additional Information:

[www.nps.gov/slbe](http://www.nps.gov/slbe)

**Project** SLBE0001 Ambient WQ Monitoring Program at Sleeping Bear Dunes NS

**Project** SLBE0002 Platte Lake Improvement Association vs. Michigan DNR

#### Organizational Program Springfield Armory National Historic Site

From 1794 to 1968 Springfield Armory was a center for the manufacture of U.S. military small arms and the scene of important technological advances. The Armory Museum protects one of the world's most extensive firearms collections.

Authorized Oct. 26, 1974; established March 21, 1978.

Acreage--54.93 Federal: 20.60 Nonfederal: 34.33.

Contact:

Springfield Armory  
National Historic Site  
1 Armory Square  
Springfield, MA 01105-1299  
413-734-8551

For Additional Information:

[www.nps.gov/spar](http://www.nps.gov/spar)

**Project** None

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### National Park Service

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**Organizational Program** Statue of Liberty National Monument

The famous 152-foot copper statue bearing the torch of freedom was a gift of the French people in 1886 to commemorate the alliance of the two nations in the American Revolution. Designed by Frederick Bartholdi, the statue came to symbolize freedom for immigrants. Nearby Ellis Island, through which nearly 12 million immigrants passed, was reopened to the public in 1990 as the country's only museum devoted entirely to immigration. Proclaimed Oct. 15, 1924; transferred from War Dept. Aug. 10, 1933. Boundary change: Sept. 7, 1937. Ellis Island proclaimed May 11, 1965. Designated a World Heritage Site Oct. 31, 1984. Acreage--58.38, all federal.

Contact:  
Statue of Liberty  
National Monument  
Liberty Island  
New York, NY 10004-1467  
212-363-7621  
(Also in New Jersey)

For Additional Information:  
[www.nps.gov/stli](http://www.nps.gov/stli)

**Project** None

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**Organizational Program** Steamtown National Historic Site

The former Delaware, Lackawanna & Western Railroad yard--including the remains of the historic roadhouse, switchyard, and associated buildings--and a collection of steam locomotives and railroad cars tell the story of 20th-century steam railroading in America. Authorized Oct. 30, 1986. Acreage--62.48 Federal: 51.29 Nonfederal: 11.19.

Contact:  
Steamtown  
National Historic Site  
150 South  
Washington Avenue  
Scranton, PA 18503-2018  
570-340-5200

For Additional Information:  
[www.nps.gov/stea](http://www.nps.gov/stea)

**Project** None

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**Organizational Program** Stones River National Battlefield

A fierce midwinter battle took place here, Dec. 31, 1862-Jan. 2, 1863. The Confederates withdrew after the battle and allowed the Union to control middle Tennessee. Stones River National Cemetery-6,850 interments, 2,562 unidentified-is within the park; no grave space available. Park: Established as a national military park March 3, 1927; transferred from War Dept. Aug. 10, 1933; redesignated April 22, 1960. Boundary changes: April 22, 1960; Dec. 23, 1987; Dec. 11, 1991. Cemetery: Probable date of Civil War interments, 1865. Transferred from War Dept. Aug. 10, 1933. Park acreage--708.32 Federal: 494.19 Nonfederal: 214.13. Cemetery acreage--20.09, all federal.

Contact:  
Stones River  
National Battlefield

# Program Summary

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## National Park Service

3501 Old Nashville Highway  
Murfreesboro, TN 37129-3095  
615-893-9501

For Additional Information:  
[www.nps.gov/stri](http://www.nps.gov/stri)

**Project** STRI0001 Data Collected by Middle Tennessee State University Students

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## Organizational Program Sunset Crater Volcano National Monument

This volcanic cinder cone with summit crater was formed just before 1100. Its upper part is colored as if by a sunset.  
Proclaimed Sunset Crater National Monument May 26, 1930; transferred from Forest Service, U.S. Dept. of Agriculture, Aug. 10, 1933; renamed Nov. 16, 1990.  
Acreage-3,040, all federal.

Contact:  
Sunset Crater Volcano  
National Monument  
6400 N. Highway 89  
Flagstaff, AZ 86004  
520-526-0502

For Additional Information:  
[www.nps.gov/sucr](http://www.nps.gov/sucr)

**Project** SUCR0001 USGS National Uranium Resource Evaluation Data-78

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## Organizational Program Tallgrass Prairie National Preserve

This nationally significant example of the once vast tallgrass prairie ecosystem also includes historic buildings and cultural resources of the Spring Hill Ranch in the Flint Hills region of Kansas. The federal government will own up to 180 acres, with the National Park Trust-the purchaser of the property in 1994-retaining ownership of the rest of the preserve. The National Park Service will manage and operate the entire preserve under a public-private agreement.  
UNDER DEVELOPMENT.  
Established November 12, 1996.  
Acreage--10,894, nonfederal.

Contact:  
Tallgrass Prairie  
National Preserve  
P.O. Box 585  
226 Broadway  
Cottonwood Falls, KS 66845  
316-273-6034

For Additional Information:  
[www.nps.gov/tapr](http://www.nps.gov/tapr)

**Project** TAPR0001 Metal Pollution Associated with a Landfill by Morrissey  
**Project** TAPR0002 Neosho River Basin Monitoring Program by KS DWP  
**Project** TAPR0003 Evaluation of Spotted Bass in Kansas Streams by Guy - 1997  
**Project** TAPR0004 Data Collected by Karen Yates of the KS Dept. of Wild. & P.  
**Project** TAPR0005 Neosho River Basin, Kansas Stream Survey - 1980

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## Organizational Program Thaddeus Kosciuszko National Memorial



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### National Park Service

The life and work of this Polish patriot and hero of the American Revolution are commemorated at 301 Pine Street, Philadelphia.

Authorized Oct. 21, 1972.

Acreage--0.02, all federal.

Contact:

Thaddeus Kosciuszko  
National Memorial  
c/o Independence  
National Historical Park  
313 Walnut Street  
Philadelphia, PA 19106-2278  
215-597-9618

For Additional Information:

[www.nps.gov/thko](http://www.nps.gov/thko)

**Project** None

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**Organizational Program** Theodore Roosevelt Birthplace National Historic Site

The 26th President was born in a brownstone house here on Oct. 27, 1858. Demolished in 1916, it was reconstructed and rededicated in 1923 and furnished by the President's widow and sisters.

Authorized July 25, 1962.

Acreage--0.11, all federal.

Contact:

Theodore Roosevelt  
Birthplace  
National Historic Site  
28 E. 20th Street  
New York, NY 10003-1399  
212-260-1616

For Additional Information:

[www.nps.gov/thrb](http://www.nps.gov/thrb)

**Project** None

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**Organizational Program** Theodore Roosevelt Inaugural National Historic Site

Theodore Roosevelt took the oath of office as President of the United States on Sept. 14, 1901, here in the Ansley Wilcox House after the assassination of President William McKinley.

Authorized Nov. 2, 1966.

Acreage--1.03, all federal.

Contact:

Theodore Roosevelt  
Inaugural  
National Historic Site  
641 Delaware Avenue  
Buffalo, NY 14202-1079  
716-884-0095

For Additional Information:

[www.nps.gov/thri](http://www.nps.gov/thri)

**Project** None

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**Organizational Program** Theodore Roosevelt National Park

The park includes scenic badlands along the Little Missouri River and part of Theodore Roosevelt's Elkhorn Ranch.

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## National Park Service

Established as Theodore Roosevelt National Memorial Park April 25, 1947; redesignated Nov. 10, 1978. Boundary changes: June 10, 1948; June 12, 1948; March 24, 1956; Nov. 6, 1963; Nov. 10, 1978. Wilderness designated Nov. 10, 1978.  
Acreage--70,446.89 Federal: 69,702.12 Nonfederal: 744.77. Wilderness area: 29,920.

Contact:  
Theodore Roosevelt  
National Park  
P.O. Box 7  
Medora, ND 58645-0007  
701-623-4466

For Additional Information:  
[www.nps.gov/thro](http://www.nps.gov/thro)

<b>Project</b>	THRO0001	Herbicide Monitoring at Southern Unit of THRO by Park Staff
<b>Project</b>	THRO0002	Assessment of Potential Domestic Water Supplies at THRO

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### Organizational Program

Thomas Stone National Historic Site

Haberdeventure, a Georgian mansion built in 1771 near Port Tobacco, Md., was the home of Thomas Stone (1743-87). A Signer of the Declaration of Independence, Stone was a delegate to the Continental Congress, 1775-78 and 1783-84.  
Authorized Nov. 10, 1978.  
Acreage--328.25 Federal: 321.97 Nonfederal: 6.28.

Contact:  
Thomas Stone  
National Historic Site  
6655 Rosehill Road  
Port Tobacco, MD 20677-3400  
301-934-6027

For Additional Information:  
[www.nps.gov/thst](http://www.nps.gov/thst)

**Project** None

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### Organizational Program

Timpanogos Cave National Monument

These three colorful limestone caves are noted for helictites-water-created formations that grow in all directions and shapes, regardless of gravity.  
Proclaimed Oct. 14, 1922; transferred from Forest Service, U.S. Dept. of Agriculture, Aug. 10, 1933.  
Acreage--250, all federal.

Contact:  
Timpanogos Cave  
National Monument  
R.R. 3, Box 200  
American Fork, UT 84003-9803  
801-756-5239

For Additional Information:  
[www.nps.gov/tica](http://www.nps.gov/tica)

**Project** TICA0001 Hydrogeology and Hydrochemistry Implications for Cave Mgt.

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### National Park Service

#### Organizational Program

Timucuan Ecological and Historic Preserve

Named for the American Indians who lived here for more than 3,000 years, the preserve encompasses Atlantic coastal marshes, islands, tidal creeks, and the estuaries of the St. Johns and Nassau rivers. Besides traces of Indian life, remains of Spanish, French, and English colonial ventures can be found as well as southern plantation life and 19th-century military activities.

Authorized Feb. 16, 1988.

Acreage--46,000 Federal: 7,896.03 Nonfederal: 38,103.97.

#### Contact:

Timucuan Ecological  
and Historic Preserve  
13165 Mt. Pleasant Road  
Jacksonville, FL 32225-1227  
904-641-7155

#### For Additional Information:

[www.nps.gov/timu](http://www.nps.gov/timu)

<b>Project</b>	TIMU0001	Bio. Assessment of St. Johns River Water and Marsh Areas
<b>Project</b>	TIMU0002	Ambient WQ Monitoring Program Around Fort George Island
<b>Project</b>	TIMU0003	Comparison of WQ in Open and Closed Tidal Creeks by USGS-BRD
<b>Project</b>	TIMU0004	St. Johns River Biological Survey, Duval County, 20.3BA
<b>Project</b>	TIMU0005	Data Collected for the Fort George Island Project
<b>Project</b>	TIMU0006	Site Certification Application for St. Johns R. Power Park
<b>Project</b>	TIMU0007	Northside Generating Station NPDES Permit Monitoring Program
<b>Project</b>	TIMU0008	WQ Data From the Jacksonville Reg. and Env. Services Dept.
<b>Project</b>	TIMU0009	Dames Point-Fulton Cutoff Data From Jacksonville R.E.S. Dept
<b>Project</b>	TIMU0010	Betsy Deuerling's WQ Data From the Jacksonville RES Dept.-2

#### Organizational Program

Tonto National Monument

Between the 13th and 14th centuries, the Salado Culture farmed the Salt River Basin, leaving behind these well-preserved cliff dwellings.

Proclaimed Dec. 19, 1907; transferred from Forest Service, U.S. Dept. of Agriculture, Aug. 10, 1933. Boundary change: April 1, 1937.

Acreage-1,120, all federal.

#### Contact:

Tonto National Monument  
HC02, Box 4602  
Roosevelt, AZ 85545  
520-467-2241

#### For Additional Information:

[www.nps.gov/tont](http://www.nps.gov/tont)

<b>Project</b>	TONT0001	Regional Geology and Ground Water by U.S.B.O.R. - 1987
<b>Project</b>	TONT0002	Data in the NPS WRD Archives Collected by Bill Reed in 1980
<b>Project</b>	TONT0003	USGS National Uranium Resource Evaluation Data-79

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### National Park Service

**Organizational Program** Tumacacori National Historical Park

This historic Spanish Catholic mission building stands near the site first visited by Jesuit Father Kino in 1691. The park includes two other separate mission ruins sites, Calabazas and Guevavi, that are not yet open to the public. The primary site at Tumacacori includes a partially restored Franciscan church that is still used to celebrate special events. Proclaimed a national monument Sept. 15, 1908; redesignated Aug. 6, 1990. Boundary changes: April 28, 1959; Nov. 10, 1978; Aug. 6, 1990. Acreage--46.28 Federal: 45.64 Nonfederal: 0.64.

Contact:  
Tumacacori  
National Historical Park  
P.O. Box 67  
Tumacacori, AZ 85640-0067  
520-398-2341

For Additional Information:  
[www.nps.gov/tuma](http://www.nps.gov/tuma)

**Project** None

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**Organizational Program** Tupelo National Battlefield

Here, on July 13-14, Lt. Gen. Nathan Bedford Forrest tried to cut the railroad supplying the Union's march on Atlanta. Established as a national battlefield site Feb. 21, 1929; transferred from War Dept. Aug. 10, 1933; redesignated and boundary changed Aug. 10, 1961. Acreage--1, all federal.

Contact:  
Tupelo National Battlefield  
c/o Natchez Trace Parkway  
2680 Natchez Trace Parkway  
Tupelo, MS 38801-9718  
601-680-4025

For Additional Information:  
[www.nps.gov/tupe](http://www.nps.gov/tupe)

**Project** None

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**Organizational Program** Tuskegee Institute National Historic Site

Booker T. Washington founded this college for African Americans in 1881. Preserved here are the brick buildings the students constructed themselves, Washington's home, and the George Washington Carver Museum, which serves as the visitor center. The college is still an active institution that owns most of the property within the national historic site. Authorized Oct. 26, 1974. Acreage--57.92 Federal:8.32 Nonfederal: 49.60.

Contact:  
Tuskegee Institute  
National Historic Site  
P.O. Drawer 10  
Tuskegee Institute, AL  
36087-0010  
334-727-3200

For Additional Information:  
[www.nps.gov/tuin](http://www.nps.gov/tuin)

**Project** None

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### National Park Service

#### Organizational Program Tuzigoot National Monument

Ruins of a large Indian pueblo that flourished in the Verde Valley between 1100 and 1450 have been excavated here.

Proclaimed July 25, 1939. Boundary change: Nov. 10, 1978.  
Acreage-800.62 Federal: 57.78 Nonfederal: 742.84.

Contact:  
Tuzigoot  
National Monument  
P.O. Box 219  
Camp Verde, AZ 86322-0219  
520-634-5564

For Additional Information:  
[www.nps.gov/tuzi](http://www.nps.gov/tuzi)

<b>Project</b>	TUZI0001	Assess Discharge from a Tailings Pile by AZ DEQ - 1988
<b>Project</b>	TUZI0002	Site Screening Investigation for Phelps Dodge Verde Mine
<b>Project</b>	TUZI0003	Expanded Site Inspection for Phelps Dodge Verde Mine Area
<b>Project</b>	TUZI0004	USGS National Uranium Resource Evaluation Data-80

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#### Organizational Program USS Arizona Memorial

This memorial marks the spot where the USS Arizona was sunk in Pearl Harbor Dec. 7, 1941, during the Japanese attack.

Established Sept. 9, 1980. The memorial is owned by the U.S. Navy and administered by the National Park Service under a cooperative agreement.  
Acreage--10.50, all federal.

Contact:  
USS Arizona Memorial  
1 Arizona Memorial Place  
Honolulu, HI 96818-3145  
808-422-2771

For Additional Information:  
[www.nps.gov/usar](http://www.nps.gov/usar)

**Project** None

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#### Organizational Program Ulysses S. Grant National Historic Site

Ulysses S. Grant's association with Historic White Haven farm spanned the decades from his graduation from West Point in 1843 to his death in 1885. Throughout the turbulence of the Civil War and Grant's presidency, White Haven was home.

Authorized Oct. 2, 1989.  
Acreage--9.60, all federal.

Contact:  
Ulysses S. Grant  
National Historic Site  
7400 Grant Street  
St. Louis, MO 63123-1801  
314-842-1867

For Additional Information:  
[www.nps.gov/ulsg](http://www.nps.gov/ulsg)

**Project** None

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### National Park Service

#### Organizational Program

Upper Delaware Scenic and Recreational River

This is a 73.4-mile stretch of free-flowing river between Hancock and Sparrow Bush, N.Y., along the Pennsylvania-New York border. The area also includes the Roebling Bridge, believed to be the oldest existing wire-cable suspension bridge, and the Zane Grey home and museum.

Authorized Nov. 10, 1978.

Acreage--55,575 Federal: 28.58 Nonfederal: 55,546.42.

Contact:

Upper Delaware Scenic  
and Recreational River  
RR 2, Box 2428  
Beach Lake, PA 18405-9737  
717-729-8251  
(Also in New York)

For Additional Information:

[www.nps.gov/upde](http://www.nps.gov/upde)

**Project** None

#### Organizational Program

VS Appalachian Highlands Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following four parks: (1) Big South Fork National River and Recreation Area; (2) Blue Ridge Parkway; (3) Great Smoky Mountains National Park; and (4) Obed Wild and Scenic River.

<b>Project</b>	BISO0001	Big South Fork NR&RA: Water Quality Report 1982-1984
<b>Project</b>	BISO0002	Cumberland Plateau Muskellunge Investigation by J. Riddle-1
<b>Project</b>	BISO0003	Acid Mine Drainage Impacts the River (1995-1997)
<b>Project</b>	OBRI0001	TN DEC WQ Data Collected in 1996 and 1997 by Jonathon Burr
<b>Project</b>	OBRI0002	Chemical and Bacteriological Evaluation by Abbott - 1982
<b>Project</b>	OBRI0003	Ambient WQ Monitoring Program at Obed Wild and Scenic River
<b>Project</b>	OBRI0004	Bio. Inventory and Assessment, Obed River Mile 20.8 to 38.6
<b>Project</b>	OBRI0005	Cumberland Plateau Muskellunge Investigation by J. Riddle-2
<b>Project</b>	OBRI0006	Coal Mining Effects on the Obed River WQ by Abbott - 1979

#### Organizational Program

VS Central Alaska Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d)

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suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following three parks: (1) Denali National Park and Preserve; (2) Wrangell-St. Elias National Park and Preserve; and (3) Yukon-Charley Rivers National Preserve.

<b>Project</b>	WRST0001	Copper River Trout and Grayling Studies
<b>Project</b>	WRST0002	Circulation in the Gulf of Alaska by the BLM and NOAA
<b>Project</b>	WRST0003	Draft EIS on Mining by NPS Mineral Management Division-1989
<b>Project</b>	WRST0004	USGS National Uranium Resource Evaluation Data-85

### Organizational Program VS Chihuahuan Desert Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following six parks: (1) Amistad National Recreation Area; (2) Big Bend National Park; (3) Carlsbad Caverns National Park; (4) Fort Davis National Historic Site; (5) Guadalupe Mountains National Park; and (6) White Sands National Monument.

<b>Project</b>	AMIS0001	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-02
<b>Project</b>	BIBE0001	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-04
<b>Project</b>	CAVE0001	Misc. Data for Carlsbad Caverns from Dr. Arthur N. Palmer
<b>Project</b>	CAVE0002	Infiltration Pathways at Carlsbad Caverns NP - 1996
<b>Project</b>	CAVE0003	Reports on Natural Gas Contamination of Rattlesnake Spring
<b>Project</b>	CAVE0004	Hydrogeologic Data for Capitan Aquifer 1973 to 1995
<b>Project</b>	CAVE0005	Carlsbad Caverns Pool Water Quality Study, 1995 and 1996
<b>Project</b>	CAVE0006	Well Data Collected by the NM Environmental Department
<b>Project</b>	CAVE0007	NM Environmental Dept. Data on Spring Drinking Water
<b>Project</b>	CAVE0008	Miscellaneous Laboratory Data Sheets for Rattlesnake Spring
<b>Project</b>	CAVE0009	Misc. Data for Lechuguilla Cave from Dr. Arthur N. Palmer
<b>Project</b>	CAVE0010	Geology and Water Resources of the Carlsbad Area - 1959
<b>Project</b>	GUMO0001	WQ in Guadalupe Mountains National Park by Dasher - 1980
<b>Project</b>	GUMO0002	Limnology of McKittrick Creek by Owen Lind - 1979
<b>Project</b>	GUMO0003	WQ Analysis of Six Springs by Michael Dick - 1975
<b>Project</b>	GUMO0004	Ambient WQ Monitoring Program at Guadalupe Mountains NP
<b>Project</b>	WHS0001	Lost River Data After Jet Fuel Spill on Air Force Property
<b>Project</b>	WHS0002	USGS National Uranium Resource Evaluation Data-83
<b>Project</b>	WHS0003	Hydrologic Control Over the Origin of Gypsum at Lake

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### National Park Service

Lucero

**Project** WHSA0004 Hydrologic Evaluation of Garton Lake by US Air Force - 1980

**Organizational Program** VS Cumberland/Piedmont Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following 14 parks: (1) Abraham Lincoln Birthplace National Historic Site; (2) Carl Sandburg Home National Historic Site; (3) Chickamauga and Chattanooga National Military Park; (4) Cowpens National Battlefield; (5) Cumberland Gap National Historical Park; (6) Fort Donelson National Battlefield; (7) Guilford Courthouse National Military Park; (8) Kings Mountain National Military Park; (9) Little River Canyon National Preserve; (10) Mammoth Cave National Park; (11) Ninety Six National Historic Site; (12) Russell Cave National Monument; (13) Shiloh National Military Park; and (14) Stones River National Battlefield.

<b>Project</b>	ABLI0001	Monitoring of Sinking Spring by the Kentucky DEP
<b>Project</b>	ABLI0002	William Werrell's 25 May 1994 Trip Report on file at NPS-WRD
<b>Project</b>	ABLI0003	USGS National Uranium Resource Evaluation Data
<b>Project</b>	CARL0001	Natural Resources Inventory and Monitoring Study 1988-1993
<b>Project</b>	CARL0002	USGS National Uranium Resource Evaluation Data-13
<b>Project</b>	CARL0003	Characterization of Two Ponds Impacted by Runoff - 1979
<b>Project</b>	CHCH0001	Assessment of Ecological Resources of Selected Caves-1994-1
<b>Project</b>	CHCH0002	USGS National Uranium Resource Evaluation Data-15
<b>Project</b>	COWP0001	USGS National Uranium Resource Evaluation Data-19
<b>Project</b>	CUGA0001	Coliforms of Several Creeks at Cumberland Gap NHP - 1991
<b>Project</b>	CUGA0002	Cumberland Gap NHP Stream Monitoring Program
<b>Project</b>	CUGA0003	USGS National Uranium Resource Evaluation Data-22
<b>Project</b>	GUCO0001	City of Greensboro Storm Water Services Biological Survey
<b>Project</b>	KIMO0001	Ambient WQ Monitoring Program at Kings Mountain NMP
<b>Project</b>	LIRI0001	Springs in Alabama by Geological Survey of Alabama - 1987
<b>Project</b>	LIRI0002	WQ Study of Little River Canyon National Preserve
<b>Project</b>	LIRI0003	USGS National Uranium Resource Evaluation Data-60
<b>Project</b>	LIRI0004	Survey of the Trichoptera in Little River Drainage - 1991
<b>Project</b>	LIRI0005	Alabama Water Watch Monitoring Program, Auburn University
<b>Project</b>	MACA0001	USGS National Uranium Resource Evaluation Data-62
<b>Project</b>	RUCA0001	Water Availability in Jackson County, Alabama - 1989
<b>Project</b>	RUCA0002	Assessment of Ecological Resources of Selected Caves-1994-2
<b>Project</b>	SHIL0001	Water Resources Monitoring Interpretive Reports #1 and #2
<b>Project</b>	SHIL0003	Pathogenic Naegleria fowleri & Thermotolerant Amebas



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### National Park Service

Sur.-15  
**Project** STRI0001 Data Collected by Middle Tennessee State University Students

#### Organizational Program VS Eastern Rivers and Mountains Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following nine parks: (1) Allegheny Portage Railroad National Historic Site; (2) Bluestone National Scenic River; (3) Delaware Water Gap National Recreation Area; (4) Fort Necessity National Battlefield; (5) Friendship Hill National Historic Site; (6) Gauley River National Recreation Area; (7) Johnstown Flood National Memorial; (8) New River Gorge National River; and (9) Upper Delaware Scenic and Recreational River.

**Project** ALPO0001 USGS National Uranium Resource Evaluation Data-01  
**Project** ALPO0002 Aquatic Resources of the Allegheny Portage Railroad NHS  
**Project** ALPO0003 WQ and Acid Mine Drainage in the Little Conemaugh R.-1995-1  
**Project** BLUE0001 Ambient WQ Monitoring Program at Bluestone N.S.R.  
**Project** FONE0001 USGS National Uranium Resource Evaluation Data-31  
**Project** FRHI0001 Friendship Hill Project - Phase 1 Feasibility Study - 1985  
**Project** FRHI0002 Data Collected by Del Nimmo of CSU in 1992 and 1995  
**Project** FRHI0003 Use of a Constructed Wetland to Treat Acid Mine Drainage  
**Project** FRHI0004 USGS National Uranium Resource Evaluation Data-33  
**Project** GARI0001 Ambient WQ Monitoring Program at Gauley River NRA  
**Project** JOFL0001 Unpublished Data Collected by Joseph Carney, Univ. of Pitt.  
**Project** JOFL0002 WQ and Acid Mine Drainage in the Little Conemaugh R.-1995-2  
**Project** JOFL0003 USGS National Uranium Resource Evaluation Data-52  
**Project** JOFL0004 Lab Reports About White Precipitate in St. Michael Tributary  
**Project** NERI0001 Ambient WQ Monitoring Program at New River Gorge NR

#### Organizational Program VS Great Lakes Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following nine parks: (1) Apostle Islands National Lakeshore; (2) Grand Portage National Monument; (3) Indiana Dunes National Lakeshore; (4) Isle Royale National Park; (5) Mississippi National River and Recreation Area; (6) Pictured Rocks National Lakeshore; (7) Saint Croix National Scenic Riverway; (8) Sleeping Bear Dunes National

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#### National Park Service

Lakeshore; and (9) Voyageurs National Park.

<b>Project</b>	APIS0001	Lake Superior Food Web by Mich. Tech. Univ. - 1997
<b>Project</b>	APIS0002	Water Resources of the Apostle Islands N.L. by USGS
<b>Project</b>	APIS0003	Water Resources of the Apostle Islands N.L. by U.W.- Superior
<b>Project</b>	GRPO0001	Ecological Monitoring of Two Streams by Boyle and Richmond
<b>Project</b>	GRPO0002	Baseline Bacteriological Monitoring by Staff From 1981- 1991
<b>Project</b>	PIRO0001	Data Collected by Limnetics Inc. of Milwaukee
<b>Project</b>	SLBE0001	Ambient WQ Monitoring Program at Sleeping Bear Dunes NS
<b>Project</b>	SLBE0002	Platte Lake Improvement Association vs. Michigan DNR

#### Organizational Program

VS Greater Yellowstone Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit:

<http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following three parks: (1) Bighorn Canyon National Recreation Area; (2) Grand Teton National Park; and (3) Yellowstone National Park.

<b>Project</b>	BICA0001	Effects of Drilling Irrigation Wells Near Britton Spring
<b>Project</b>	BICA0002	Spring Water-Supply Possibilities at Pretty Eagle & Ok-a- Beh
<b>Project</b>	BICA0003	Water Quality and Rate of Sedimentation in Bighorn Lake
<b>Project</b>	BICA0004	MT Fish and Game Department Data Collected From 1970-1972
<b>Project</b>	BICA0005	Miscellaneous WQ Data Collected by Bighorn Canyon NRA Staff
<b>Project</b>	BICA0006	Memo on Springs in the Campground Area Near Barry's Landing
<b>Project</b>	BICA0007	USGS National Uranium Resource Evaluation Data-07
<b>Project</b>	BICA0008	Limnological Studies on Bighorn Lake and its Tributaries
<b>Project</b>	BICA0009	WY Water Resources Data Center Data from WY G&F Dept-1
<b>Project</b>	BICA0010	Wyoming Water Resources Data Center Data from the EPA
<b>Project</b>	BICA0011	Wyoming Water Resources Data Center Data from Wyoming DEQ-1
<b>Project</b>	GRTE0001	Water Quality in the Backcountry by Farag and Woodward 1998
<b>Project</b>	GRTE0002	Limnological Survey of 70 Lakes and Ponds by Gulley - 1985
<b>Project</b>	GRTE0003	Water-Resources Investigations During FY 1972 by USGS-1
<b>Project</b>	GRTE0004	Microbial Studies of a High Alpine Water Supply by McFeters
<b>Project</b>	GRTE0005	Elk and Cattle Impact on WQ of Flat Creek by McFeters
<b>Project</b>	GRTE0006	Jackson L. Limnological Progress Report 1968-1969 by Hayden

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#### National Park Service

<b>Project</b>	GRTE0007	Data Collected by Peter Hayden During 1976-1977
<b>Project</b>	GRTE0008	Ecology of Aquatic Invertebrates in the Snake River-1967-1
<b>Project</b>	GRTE0009	Activities of the Jackson Hole Research Station - 1969
<b>Project</b>	GRTE0010	Ecosystem Integrity and Energy Flow in Wetlands - 1995-1
<b>Project</b>	GRTE0011	NPS Backcountry WQ Testing by Grand Teton National Park
<b>Project</b>	GRTE0012	USGS National Uranium Resource Evaluation Data-44
<b>Project</b>	GRTE0013	Stormwater and Snowmelt Runoff in Jackson, Wyoming - 1976
<b>Project</b>	GRTE0014	Data From the Teton Science School in Jackson Hole, Wyoming
<b>Project</b>	GRTE0015	Ecology and Succession After the 1974 Waterfalls Canyon Fire
<b>Project</b>	GRTE0016	Trophic State Evaluation of Selected Lakes by BYU 1995-97-1
<b>Project</b>	GRTE0017	WY Water Resources Data Center Data from a Private Citizen
<b>Project</b>	GRTE0018	Wyoming Water Resources Data Center Data from Wyoming DEQ-3
<b>Project</b>	GRTE0019	WY Water Resources Data Center Data from WY G&F Dept-3
<b>Project</b>	JODR0001	Water-Resources Investigations During FY 1972 by USGS-2
<b>Project</b>	JODR0002	Ecology of Aquatic Invertebrates in the Snake River-1967-2
<b>Project</b>	JODR0003	USGS National Uranium Resource Evaluation Data-51
<b>Project</b>	JODR0004	Trophic State Evaluation of Selected Lakes by BYU 1995-97-2
<b>Project</b>	JODR0005	WY DEQ Sampling on the Snake River at Flagg Ranch
<b>Project</b>	YELL0001	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-16
<b>Project</b>	YELL0002	WQ Impacts from Boat Discharges at Bridge Bay Marina - 1995
<b>Project</b>	YELL0003	Ecosystem Integrity and Energy Flow in Wetlands - 1995-2
<b>Project</b>	YELL0004	USGS National Uranium Resource Evaluation Data-86
<b>Project</b>	YELL0005	Trophic State Evaluation of Selected Lakes by BYU 1995-97-3

#### Organizational Program VS Gulf Coast Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following eight parks: (1) Big Thicket National Preserve; (2) Gulf Islands National Seashore; (3) Jean Lafitte National Historical Park and Preserve; (4) Natchez Trace Parkway; (5) Palo Alto Battlefield National Historic Site; (6) Padre Island National Seashore; (7) San Antonio Missions National Historical Park; and (8) Vicksburg National Military Park.

**Project** BITH0001 Ambient WQ Monitoring Program at Big Thicket N. Pres.

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#### National Park Service

<b>Project</b>	NATR0001	Red Hills Mine Permit Application to MS DEQ - 1998
<b>Project</b>	NATR0002	Impact of Sandblasting Lead-Based Paint from Bridge
<b>Project</b>	NATR0003	USGS National Uranium Resource Evaluation Data-68
<b>Project</b>	PAAL0001	Irrigation Impacts on WQ, Bottom Sediment, and Biota - 1988
<b>Project</b>	PAIS0001	Compilation of Salinity Data for the Laguna Madre - 1949
<b>Project</b>	PAIS0002	Ecological Survey of the Lower Laguna Madre 1953-1959
<b>Project</b>	PAIS0003	Effects of Padre Isles Development on Ecology - 1974
<b>Project</b>	PAIS0004	Ecology of Benthic Plants by Conover - 1963
<b>Project</b>	PAIS0005	WQ and Limnological Study of the Sewage System-Pond Complex
<b>Project</b>	PAIS0006	Domestic Waste in Laguna Madre from Houses on Spoil Island
<b>Project</b>	PAIS0007	Adequacy of Texas WQ Standards for Protecting Water - 1993
<b>Project</b>	PAIS0008	Ecological Survey of the Upper Laguna Madre of Texas
<b>Project</b>	PAIS0009	Baseline Study of Three Ponds by Stanley L. Sissom - 1990
<b>Project</b>	PAIS0010	Physical Processes in Upper Laguna Madre by Smith - 1976
<b>Project</b>	PAIS0011	Penaeid Shrimp in the Lower Laguna Madre of Texas - 1974
<b>Project</b>	PAIS0012	TNRCC Data for 8 Stations in the Corpus Christi Area
<b>Project</b>	PAIS0013	Chemical and Physical Characteristics of the Estuaries of TX
<b>Project</b>	PAIS0014	Upper Laguna Madre Long-Term WQ - USGS Hydrolab Data
<b>Project</b>	PAIS0015	WQ Segment Report for Segment No. 2491 Laguna Madre - 1975
<b>Project</b>	SAAN0001	Data in STORET Owned by 21TEXWR Scheduled to be Retired-2
<b>Project</b>	SAAN0002	USGS National Uranium Resource Evaluation Data-73
<b>Project</b>	SAAN0003	Ambient WQ Monitoring Program by the San Antonio M.H.D.

#### Organizational Program VS Heartland Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following 15 parks: (1) Arkansas Post National Memorial; (2) Buffalo National River; (3) Cuyahoga Valley National Park; (4) Effigy Mounds National Monument; (5) George Washington Carver National Monument; (6) Herbert Hoover National Historic Site; (7) Hopewell Culture National Historical Park; (8) Homestead National Monument of America; (9) Hot Springs National Park; (10) Lincoln Boyhood National Memorial; (11) Ozark National Scenic Riverways; (12) Pea Ridge National Military Park; (13) Pipestone National Monument; (14) Tallgrass Prairie National Preserve; and (15) Wilson's Creek National Battlefield.

<b>Project</b>	BUFF0001	Cattle Pasture Runoff Impact on Water Chemistry - 1989
<b>Project</b>	CUVA0001	Water Quality Monitoring Program at Cuyahoga Valley NP

Document/Graphic

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### National Park Service

<b>Project</b>	EFMO0001	Upper Iowa Univ.'s Long Term Resource Monitoring Program
<b>Project</b>	EFMO0002	Yellow River Rainfall Runoff and Low Flow WQ Studies
<b>Project</b>	EFMO0003	Summer Water Quality of the Upper Mississippi River Tribs.
<b>Project</b>	EFMO0004	WQ Survey of Bloody Run Creek and Sny Magill Creek Basins
<b>Project</b>	EFMO0005	Water Quality Survey of the Yellow River
<b>Project</b>	EFMO0006	USGS Paddle Fish Research Project
<b>Project</b>	HEHO0001	Macroinvertebrate Assemblages in Great Plains Parks-2
<b>Project</b>	HEHO0002	Impact of City of West Branch's Water Treatment Facility
<b>Project</b>	HEHO0003	West Branch Wapsinonoc Creek Data from Univ. of Iowa
<b>Project</b>	HOME0001	Macroinvertebrate Assemblages in Great Plains Parks-3
<b>Project</b>	HOME0002	Ambient WQ Monitoring Program at Homestead NM of America
<b>Project</b>	HOSP0001	Limnological Study of Rick's Pond and Gulpha Creek - 1978
<b>Project</b>	HOSP0002	Misc. Lab Analyses from 1976 and 1979 in the WRD Archives
<b>Project</b>	HOSP0003	USGS National Uranium Resource Evaluation Data-47
<b>Project</b>	HOSP0004	The Hot Springs of Arkansas by U.S. Senate - 1902
<b>Project</b>	HOSP0005	The Waters of Hot Springs National Park by USGS - 1974
<b>Project</b>	LIBO0001	USGS National Uranium Resource Evaluation Data-59
<b>Project</b>	OZAR0001	Ambient WQ Monitoring Program at Ozark NSR
<b>Project</b>	PERI0001	USGS National Uranium Resource Evaluation Data-69
<b>Project</b>	PIPE0001	Macroinvertebrate Assemblages in Great Plains Parks-4
<b>Project</b>	PIPE0002	Misc. Data Sheets and IAR Collected After a 1982 Fish Kill
<b>Project</b>	PIPE0003	Soil and Water Conservation District Pipestone Creek Data
<b>Project</b>	TAPR0001	Metal Pollution Associated with a Landfill by Morrissey
<b>Project</b>	TAPR0002	Neosho River Basin Monitoring Program by KS DWP
<b>Project</b>	TAPR0003	Evaluation of Spotted Bass in Kansas Streams by Guy - 1997
<b>Project</b>	TAPR0004	Data Collected by Karen Yates of the KS Dept. of Wild. & P.
<b>Project</b>	TAPR0005	Neosho River Basin, Kansas Stream Survey - 1980
<b>Project</b>	WICR0001	Macroinvertebrate Assemblages in Great Plains Parks-5
<b>Project</b>	WICR0002	Toxicity Identification Evaluation of Wilson's Creek - 1992
<b>Project</b>	WICR0003	Springfield Southwest Wastewater Treatment Plant Report
<b>Project</b>	WICR0004	James River-Wilson Creek Study - 1969
<b>Project</b>	WICR0005	Toxicity of Wilson's Cr. Near Wastewater Treatment Facility
<b>Project</b>	WICR0006	Toxic Conditions in the Wilson Creek Watershed by Nimmo-1989
<b>Project</b>	WICR0007	Ambient WQ Monitoring at Wilson's Creek National Battlefield
<b>Project</b>	WICR0008	Initial Monitoring of the Supply Well to Park Headquarters
<b>Project</b>	WICR0009	Heavy Metal Content in the Stream Sediments of Wilson Creek
<b>Project</b>	WICR0010	Biomonitoring an Impacted Stream by Jocelyn F. Korsch - 1997
<b>Project</b>	WICR0011	Springfield Southwest Wastewater Treatment Plant WQ Program

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## National Park Service

**Project** WICR0012 WQ During Low-Flow Conditions in Wilsons Creek by Berkas

### Organizational Program VS Klamath Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following six parks: (1) Crater Lake National Park; (2) Lassen Volcanic National Park; (3) Lava Beds National Monument; (4) Oregon Caves National Monument; (5) Redwood National Park; and (6) Whiskeytown National Recreation Area.

**Project** CRLA0001 Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-05

**Project** CRLA0002 USGS National Uranium Resource Evaluation Data-20

**Project** LAVE0001 Geologic and Hydrologic Reconnaissance by USGS - 1968

**Project** LAVO0001 Ecological Conditions in a Group of Lakes by Hubbell - 1960

**Project** LAVO0002 Surveys of Horseshoe, Snag, and Juniper Lakes and Tribs.

**Project** LAVO0003 Survey of Manzanita and Reflection Lakes by Hubbell - 1961

**Project** LAVO0004 Chemical Analyses of Springs by Thompson, USGS - 1983

**Project** LAVO0005 Lassen Park Summer 1979 Lake Surveys

**Project** LAVO0006 Lassen Region Trip Report by Michael L. Sorey, USGS - 1983

**Project** LAVO0007 The Lassen Geothermal System by Muffler et. al. - 1982

**Project** LAVO0008 Brief Field Survey Summary by E.J. McClelland, USGS - 1973

**Project** LAVO0009 USGS Data Collected by Robin Lenn at Devils Kitchen Hot Spgs

**Project** LAVO0010 USGS Data Collected by Robin Lenn at Drakesbad Hot Springs

**Project** LAVO0011 USGS Data Collected by Robin Lenn at Little Hot Spgs Valley

**Project** LAVO0012 Misc. Data Collected by Lassen Volcanic National Park Staff

**Project** LAVO0013 Misc. USGS Data Sheets on File at Lassen Volcanic NP

**Project** LAVO0014 Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-12

**Project** LAVO0015 Unidentified Report from Lassen Volcanic National Park

**Project** ORCA0001 WQ Inventory of the Waters Contributing to the Cave System

**Project** WHIS0001 Data Collected by the US BOR for a Water Quality Baseline

**Project** WHIS0002 California Dept. of Health Services - Drinking Water Program

**Project** WHIS0003 CA Dept. of Water Resources Clear Creek Basin Study

**Project** WHIS0004 Limnological Investigation of Whiskeytown Reservoir - 1994

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#### National Park Service

<b>Project</b>	WHIS0005	WQ Study of Whiskeytown Reservoir - 1966
<b>Project</b>	WHIS0006	Brandy Creek Raw Water Sample by Brown and Caldwell - 1979
<b>Project</b>	WHIS0007	Water-Resources Reconnaissance of Whiskeytown NRA by USGS
<b>Project</b>	WHIS0008	Ambient WQ Data Collected by NPS Staff From 1972-1980
<b>Project</b>	WHIS0009	Whiskeytown Park Files Report (N3617-Water Tests for Mines)
<b>Project</b>	WHIS0010	Carr Memorial Sample by Brown and Caldwell - 1981
<b>Project</b>	WHIS0011	Spring Creek Tunnel Data Collected by Redding Water Utility
<b>Project</b>	WHIS0012	Water Resources Inventory by William Werrell, NPS-WRD-2
<b>Project</b>	WHIS0013	CA Regional WQ Control Board Memo in Whiskeytown Archive
<b>Project</b>	WHIS0014	Data From Misc. Papers in a Brown Folder at Whiskeytown Unit
<b>Project</b>	WHIS0015	Four Bact. Surveys by the CA Regional WQ Control Board
<b>Project</b>	WHIS0016	Carr Powerhouse Data from Jeffersonville, IN Lab Sheet-1977

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#### Organizational Program VS Mediterranean Coast Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit:

<http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following three parks: (1) Cabrillo National Monument; (2) Channel Islands National Park; and (3) Santa Monica Mountains National Recreation Area.

<b>Project</b>	CHIS0001	Water Resources Evaluation of the Gherini Property - 1983
<b>Project</b>	CHIS0002	Inventory of Water Quality on Santa Rosa Island - 1995

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#### Organizational Program VS Mid-Atlantic Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit:

<http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following 11 parks: (1) Appomattox Court House National Historical Park; (2) Booker T. Washington National Monument; (3) Eisenhower National Historic Site; (4) Fredericksburg and Spotsylvania County Battlefields Memorial National Military Park; (5) Gettysburg National Military Park; (6) Hopewell Furnace National Historic Site; (7) Petersburg National Battlefield; (8) Richmond National Battlefield Park; (9) Shenandoah National Park; (10) Valley Forge National Historical Park; and (11) Appalachian National Scenic Trail.

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#### National Park Service

<b>Project</b>	APCO0001	USGS National Uranium Resource Evaluation Data-03
<b>Project</b>	EISE0001	Marsh Creek Data Near Gettysburg Municipal Dam - 1997
<b>Project</b>	EISE0002	Youth Conservation Corps Stream Survey Data from 1974-1980-1
<b>Project</b>	FRSP0001	Phosphorus in Six VA Piedmont and Coastal Plain Wetlands
<b>Project</b>	FRSP0002	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-08
<b>Project</b>	FRSP0003	Ambient WQ Monitoring Program at FRSP
<b>Project</b>	FRSP0004	USGS National Uranium Resource Evaluation Data-34
<b>Project</b>	GETT0001	USGS National Uranium Resource Evaluation Data-35
<b>Project</b>	GETT0002	Feasibility Study Westinghouse Plant Site - 1989
<b>Project</b>	GETT0003	Water Resources Inventory by William Werrell, NPS-WRD-1
<b>Project</b>	GETT0004	Youth Conservation Corps Stream Survey Data from 1974-1980-2
<b>Project</b>	HOFU0001	French Creek Aquatic Biology Investigation by Boyer - 1993
<b>Project</b>	HOFU0002	French Creek Nutrient Related/Use Impairment Survey - 1988
<b>Project</b>	HOFU0003	Conestoga High School Advanced Biology Class Reports
<b>Project</b>	HOFU0004	USGS National Uranium Resource Evaluation Data-46
<b>Project</b>	HOFU0005	French Creek Special Protection Evaluation Report - 1996
<b>Project</b>	HOFU0006	French Creek WQ and Fish and Benthic Macroinvert. - 1971-1
<b>Project</b>	HOFU0007	Water Resource Management Plan by Sharpe - 1993
<b>Project</b>	PETE0001	Ambient WQ Monitoring Program at Petersburg NB
<b>Project</b>	RICH0001	Fort Darling Landfill Site Investigation by Draper Aden
<b>Project</b>	RICH0002	Assessment of an Urban Landfill on Tributary WQ by Del Nimmo
<b>Project</b>	RICH0003	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-13
<b>Project</b>	RICH0004	Drewry's Bluff Project by Texas A&M Univ.
<b>Project</b>	SHEN0001	WQ Data Collected as Part of Ongoing Fish Monitoring Program
<b>Project</b>	SHEN0002	WQ Data From Ongoing Long-Term Ecological Monitoring Program
<b>Project</b>	SHEN0003	USGS National Uranium Resource Evaluation Data-77
<b>Project</b>	SHEN0004	WQ Data Collected by Staff During Resource Mgt. Activities
<b>Project</b>	SHEN0005	WQ Data from UVA Shenandoah Watershed Acidification Study
<b>Project</b>	SHEN0006	WQ Data From Virginia Trout Stream Sensitivity Study
<b>Project</b>	VAFO0001	Aquatic Biology Investigations Undertaken by the PA DEP
<b>Project</b>	VAFO0002	Chester Creek 1997 by Conestoga HS Biology Students
<b>Project</b>	VAFO0003	Ambient WQ Monitoring by the Chester County Health Dept.
<b>Project</b>	VAFO0004	Crum Creek 1995 Report by Conestoga HS Students
<b>Project</b>	VAFO0005	Series of Ridley Creek Reports by Conestoga HS Students
<b>Project</b>	VAFO0006	French Creek 1994 Report by Conestoga HS Students
<b>Project</b>	VAFO0007	Pickering Creek 1993 Report by Conestoga HS Students



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#### National Park Service

<b>Project</b>	VAFO0008	Series of Valley Creek Reports by Conestoga HS Students
<b>Project</b>	VAFO0010	Warner Company's Settling Pond Discharge
<b>Project</b>	VAFO0011	Mgt. Guidelines for Valley Creek by NPS & Penn. State - 1996
<b>Project</b>	VAFO0012	Ambient WQ Monitoring Program at Valley Forge NHP
<b>Project</b>	VAFO0013	Data From the NPS Stream Gage on Valley Creek
<b>Project</b>	VAFO0014	USGS National Uranium Resource Evaluation Data-81
<b>Project</b>	VAFO0016	Biological Survey and Mgt. Plan for Valley Creek by Stauffer
<b>Project</b>	VAFO0017	French Creek WQ and Fish and Benthic Macroinvert. - 1971-2
<b>Project</b>	VAFO0018	Correspondence from Ronald Sloto, USGS to Valley Forge NHP
<b>Project</b>	VAFO0019	WQ Monitoring Program for Philadelphia Electric Company
<b>Project</b>	VAFO0020	Valley Creek Turbidity Monitoring Study Data From Volunteers
<b>Project</b>	VAFO0021	Trout Unlimited Data to Evaluate Valley Creek's Designation
<b>Project</b>	VAFO0022	Effect of Urbanization on the Water Resources by USGS - 1987
<b>Project</b>	VAFO0023	WQ Data for Streams in Chester County 1969-80 by USGS - 1989
<b>Project</b>	VAFO0024	Metals, Pesticides, and Organic Compounds in Sediment - 1997
<b>Project</b>	VAFO0025	Valley Creek Environmental Study by Villanova Students- 1997
<b>Project</b>	VAFO0026	Volatile Organic Sampling of Little Valley Creek

#### Organizational Program VS Mojave Desert Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following six parks: (1) Death Valley National Park; (2) Great Basin National Park; (3) Joshua Tree National Park; (4) Lake Mead National Recreation Area; (5) Manzanar National Historic Site; and (6) Mojave National Preserve.

<b>Project</b>	GRBA0001	NPS Water and Wastewater Service Feasibility Study - 1991
<b>Project</b>	GRBA0002	Isotope Hydrology of Lehman and Baker Creeks Drainages-1992
<b>Project</b>	GRBA0003	Baker Water and Wastewater Feasibility Study - 1988
<b>Project</b>	GRBA0004	Stream Habitat Inventory, Schell Resource Area by BLM- 1981
<b>Project</b>	GRBA0005	WQ Sampling in the Schell ES Area by BLM - 1979
<b>Project</b>	GRBA0006	Hydrologic Inventory by the Bureau of Reclamation - 1994
<b>Project</b>	GRBA0007	Environments in Lehman Caves by Bamberg - 1973
<b>Project</b>	GRBA0008	Chemistry of Selected Lakes and Streams by Metcalf -

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		1992
<b>Project</b>	GRBA0009	Surface WQ Monitoring Data Collected by Maintenance Division
<b>Project</b>	GRBA0010	Ambient WQ Monitoring Program at Great Basin National Park
<b>Project</b>	GRBA0011	Water Quality Analyses of Cave Springs Prior to Chlorination
<b>Project</b>	GRBA0012	Effects of a Proposed Domestic Use Well on Rowland Springs
<b>Project</b>	GRBA0013	USGS National Uranium Resource Evaluation Data-40
<b>Project</b>	GRBA0014	Sampling of Public Water Supply Springs by NV Health Lab
<b>Project</b>	GRBA0015	Chemical Characteristics of Surface Waters by Jacobs - 1993
<b>Project</b>	GRBA0016	Great Basin Park Seepage Run, September 1-3, 1992 by USGS
<b>Project</b>	GRBA0017	Water-Resources Appraisal of Snake Valley Area by USGS-1965
<b>Project</b>	JOTR0001	Chemical Analysis of Selected Pothole Water Sources - 1993-2
<b>Project</b>	JOTR0002	Baseline Water Quality Survey by Larson et. al. - 1998
<b>Project</b>	JOTR0003	USGS National Uranium Resource Evaluation Data-53
<b>Project</b>	JOTR0004	Hydrologic Reconnaissance of Mohave Region by USGS - 1929-1
<b>Project</b>	JOTR0005	Misc. USGS Sampling Results in WRD Archives
<b>Project</b>	JOTR0006	Ground Water and Related Geology by USGS - 1963
<b>Project</b>	LAME0001	Chemical Analysis of Selected Pothole Water Sources - 1993-3
<b>Project</b>	LAME0002	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-10
<b>Project</b>	LAME0003	USGS National Uranium Resource Evaluation Data-56
<b>Project</b>	MOJA0001	Habitat Evaluation for the Mohave Tui Chub - 1994
<b>Project</b>	MOJA0002	Final Prelim. Assessment Report, Morning Star Mine - 1996
<b>Project</b>	MOJA0003	Hydrologic Reconnaissance of Mohave Region by USGS - 1929-2
<b>Project</b>	MOJA0004	Castle Mt. Project Impacts on Lanfair Aquifer and Piute Spg
<b>Project</b>	MOJA0005	Mine and Mill Operations Mountain Pass California - 1997
<b>Project</b>	MOJA0006	Ground Water in Pahrump, Mesquite, and Ivanpah Valleys
<b>Project</b>	MOJA0007	Historic and Prehistoric Resources of the East Mojave Desert
<b>Project</b>	MOJA0008	USGS National Uranium Resource Evaluation Data-64
<b>Project</b>	MOJA0009	Water Quality and Hydrology Studies at Soda Springs - 1985
<b>Project</b>	MOJA0010	Telegraph Mine and Mill P.S.I. Draft Results by SAIC - 1997
<b>Project</b>	MOJA0011	USGS Database Referenced in Water Resources Scoping Report
<b>Project</b>	MOJA0012	Deuterium Content in Wells and Springs by USGS - 1992
<b>Project</b>	MOJA0013	Monitoring of the Piute Spring Area
<b>Project</b>	MOJA0014	Ivanpah Valley Water, Wells, and Springs - 1972
<b>Project</b>	MOJA0015	Soda, Silver, and Cronise Valleys Water, Wells, and Springs

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### National Park Service

#### Organizational Program

VS National Capital Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit:

<http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following 11 parks: (1) Antietam National Battlefield; (2) Catoctin Mountain Park; (3) Chesapeake and Ohio Canal National Historical Park; (4) George Washington Memorial Parkway; (5) Harpers Ferry National Historical Park; (6) Manassas National Battlefield Park; (7) Monocacy National Battlefield; (8) National Capital Parks - East; (9) Prince William Forest Park; (10) Rock Creek Park; and (11) Wolf Trap Farm Park.

<b>Project</b>	ANTI0001	Surface Water Quality Monitoring Plan Antietam NB, Feb. 1987
<b>Project</b>	ANTI0002	USGS National Uranium Resource Evaluation Data-02
<b>Project</b>	CHOH0001	Bacteriological WQ Monitoring by Park During Summer of 1994
<b>Project</b>	CHOH0002	Furnace Branch Data Collected by the Montgomery County DEP
<b>Project</b>	GREE0001	NPS WQ Monitoring (1981-1984) to Document Development Impact
<b>Project</b>	GREE0002	Discharge and Suspended Sediment Data From April 1983
<b>Project</b>	MANA0001	Ambient WQ Monitoring Program at Manassas NB Park
<b>Project</b>	MONO0001	Draft Statement for Mgt. for the Monocacy by Hood College
<b>Project</b>	MONO0002	Maryland Department of Natural Resources Data
<b>Project</b>	MONO0003	Montgomery County DEP Data
<b>Project</b>	MONO0004	USGS National Uranium Resource Evaluation Data-65
<b>Project</b>	NACC0001	Ambient WQ Monitoring at National Capital Parks-Central
<b>Project</b>	NACE0001	Anacostia River Data Collected by Center for Urban Ecology
<b>Project</b>	NACE0002	Kenilworth Marsh Water and Sediment Quality Study - 1988
<b>Project</b>	NACE0003	Kenilworth Marsh Data Collected by Center for Urban Ecology
<b>Project</b>	NACE0004	USGS National Uranium Resource Evaluation Data-67
<b>Project</b>	NACE0005	Wetlands Inventory for Piscataway Creek and Potomac River
<b>Project</b>	NACE0006	Piscataway Cr. and Potomac R. Wetlands Monitoring (1983-84)
<b>Project</b>	NACE0007	MD OEP Piscataway and Potomac Wetlands Monitoring (1986)
<b>Project</b>	NACE0008	Piscataway Cr. and Potomac R. Wetlands Monitoring (1986)
<b>Project</b>	PRWI0001	USGS National Uranium Resource Evaluation Data-71

#### Organizational Program

VS North Coast and Cascades Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal

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### National Park Service

limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following seven parks: (1) Ebey's Landing National Historical Reserve; (2) Fort Clatsop National Memorial; (3) Fort Vancouver National Historic Site; (4) Mount Rainier National Park; (5) North Cascades National Park; (6) Olympic National Park; and (7) San Juan Island National Historical Park.

<b>Project</b>	EBLA0001	Whidbey Island Intertidal & Shallow Subtidal Benthos - 1980
<b>Project</b>	EBLA0002	North Whidbey Island Baseline WQ Monitoring Program
<b>Project</b>	EBLA0003	Integrated Stormwater Management Plan
<b>Project</b>	FOCL0001	Lower Columbia River Backwater Reconnaissance Survey - 1994
<b>Project</b>	FOCL0002	Baseline Water Quality Inventory - 1998
<b>Project</b>	FOCL0003	Characteristics of the Youngs Bay Estuarine Environs - 1975
<b>Project</b>	FOCL0004	Recreationist Exposure to Human Pathogens
<b>Project</b>	FOCL0005	Water and Sediment Quality Study - 1996
<b>Project</b>	OLYM0001	WQ in Lake Ozette Ecosystem and Potential Salmonid Impacts
<b>Project</b>	OLYM0002	Stream Monitoring Using the EPA REMAP Protocol by NPS - 1998
<b>Project</b>	OLYM0003	Sol Duc Hot Springs Resort Effects on River WQ and Biota
<b>Project</b>	OLYM0004	Non-Point Source Nutrient Enrichment Lake Crescent - 1989
<b>Project</b>	OLYM0005	Precip. and Stream Chemistry in an Old-Growth Forest - 1997

### Organizational Program VS Northeast Coastal and Barrier Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following eight parks: (1) Assateague Island National Seashore; (2) Cape Cod National Seashore; (3) Colonial National Historical Park; (4) Fire Island National Seashore; (5) Gateway National Recreation Area; (6) George Washington Birthplace National Monument; (7) Sagamore Hill National Historic Site; and (8) Thomas Stone National Historic Site.

<b>Project</b>	ASIS0001	Ambient WQ Monitoring Program at Assateague Island NS
<b>Project</b>	COLO0001	Ground Water Quality near Urban and Agricultural Land Uses
<b>Project</b>	FIIS0001	WQ Characteristics of Great South Bay and Contiguous Streams
<b>Project</b>	FIIS0002	Heavy Metal Accumulation in Great South Bay - 1978
<b>Project</b>	FIIS0003	Ecology of Great South Bay and Adjacent Waters - 1966
<b>Project</b>	FIIS0004	Sanitary Survey, 1967 by Bluepoints Co. Inc.
<b>Project</b>	FIIS0005	Water Quality at Fire Island NS by Rutgers Univ. - 1985

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<b>Project</b>	FIIS0006	Lead in Water, Plankton, and Sediments of Great South Bay
<b>Project</b>	FIIS0007	Pollution of Navigable Waters of East Great South Bay - 1966
<b>Project</b>	FIIS0008	Suffolk Co. Dept. of Health Service Surface WQ Database
<b>Project</b>	GATE0001	Ambient WQ Monitoring Program at Gateway NRA
<b>Project</b>	GEWA0001	Alliance for the Chesapeake Bay Data

#### Organizational Program

##### VS Northeast Temperate Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following ten parks: (1) Acadia National Park; (2) Boston Harbor Islands National Recreation Area; (3) Marsh-Billings-Rockefeller National Historical Park; (4) Minute Man National Historical Park; (5) Morristown National Historical Park; (6) Roosevelt-Vanderbilt National Historic Site; (7) Saint-Gaudens National Historic Site; (8) Saugus Iron Works National Historic Site; (9) Saratoga National Historical Park; and (10) Weir Farm Historic Site.

<b>Project</b>	ACAD0001	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-01
<b>Project</b>	ELRO0001	Ambient WQ Monitoring Program at Eleanor Roosevelt NHS
<b>Project</b>	ELRO0002	Pandullo-Quirk Associates Data from 1978 and 1979
<b>Project</b>	HOFR0001	Ambient WQ Monitoring at Home of Franklin D. Roosevelt NHS
<b>Project</b>	MABI0001	Data Collected by Charles Farris and Analyzed by the U.R.I.
<b>Project</b>	MABI0002	USGS National Uranium Resource Evaluation Data-61
<b>Project</b>	SAGA0001	WQ in Blow-Me-Down Brook Watershed From 1982-1991 by Roman
<b>Project</b>	SAGA0002	Ambient WQ Monitoring Program at Saint-Gaudens NHS
<b>Project</b>	SAGA0003	USGS National Uranium Resource Evaluation Data-74
<b>Project</b>	SAIR0001	Draft EIS: Saugus River and Tributaries by USACOE - 1989
<b>Project</b>	SAIR0002	Baseline Assessment of the Saugus River by Tashiro - 1991
<b>Project</b>	SAIR0003	Water Resources Improvement Study by USACOE - 1990
<b>Project</b>	SARA0001	Ambient WQ Monitoring Program at Saratoga NHP
<b>Project</b>	VAMA0001	Ambient WQ Monitoring Program at Vanderbilt Mansion NHS

#### Organizational Program

##### VS Northern Colorado Plateau Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural

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resources in national parks and the Vital Signs Program, visit:  
<http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following 16 parks: (1) Arches National Park; (2) Black Canyon of the Gunnison National Park; (3) Bryce Canyon National Park; (4) Canyonlands National Park; (5) Capitol Reef National Park; (6) Cedar Breaks National Monument; (7) Colorado National Monument; (8) Curecanti National Recreation Area; (9) Dinosaur National Monument; (10) Fossil Butte National Monument; (11) Golden Spike National Historic Site; (12) Hovenweep National Monument; (13) Natural Bridges National Monument; (14) Pipe Spring National Monument; (15) Timpanogos Cave National Monument; and (16) Zion National Park.

<b>Project</b>	ARCH0001	Fish, Invertebrates, and Algae Survey in Salt Wash - 1979
<b>Project</b>	ARCH0002	Arches and Canyonlands National Park Aquatic Study - 1983-1
<b>Project</b>	ARCH0003	Chemical Analysis of Selected Pothole Water Sources - 1993-1
<b>Project</b>	ARCH0004	Monitoring in Response to Proposed Nuclear Waste Reposit.-1
<b>Project</b>	ARCH0005	USGS National Uranium Resource Evaluation Data-04
<b>Project</b>	ARCH0006	Chemical and Biotic Survey of Salt Wash - Aug. 1988
<b>Project</b>	ARCH0007	Hydrogeologic Feasibility of Developing Groundwater Supp.-1
<b>Project</b>	BLCA0001	Ambient WQ Monitoring Program at Black Canyon of Gunnison NP
<b>Project</b>	BLCA0002	Misc. Potability Measurements for Nick Grey & Poison Springs
<b>Project</b>	BLCA0003	USGS National Uranium Resource Evaluation Data-08
<b>Project</b>	BRCA0001	Town of Tropic, Culinary Waterworks - 1974
<b>Project</b>	BRCA0002	Water System Improvements for the Town of Tropic - 1987
<b>Project</b>	BRCA0003	Backcountry WQ Survey in Bryce Canyon National Park - 1981
<b>Project</b>	BRCA0004	USGS National Uranium Resource Evaluation Data-09
<b>Project</b>	BRCA0005	Natural Spring Inventory-Bryce Canyon National Park - 1996
<b>Project</b>	BRCA0006	Groundwater Resources of the Bryce Canyon NP Area - 1963
<b>Project</b>	BRCA0007	Water Supply Appraisals for Municipal Use - 1970
<b>Project</b>	CANY0001	Arches and Canyonlands National Park Aquatic Study - 1983-2
<b>Project</b>	CANY0002	Water Resources Descriptions and Database Canyonlands NP-1
<b>Project</b>	CANY0003	Monitoring in Response to Proposed Nuclear Waste Reposit.-2
<b>Project</b>	CANY0004	Groundwater Resources in Canyonlands National Park - 1980-1
<b>Project</b>	CANY0005	USGS National Uranium Resource Evaluation Data-11
<b>Project</b>	CANY0006	Water Resources of Part of Canyonlands National Park - 1972
<b>Project</b>	CANY0007	Hydrogeologic Feasibility of Developing Groundwater Supp.-2
<b>Project</b>	CARE0001	Ambient WQ Monitoring Program at Capitol Reef National Park
<b>Project</b>	CARE0002	USGS National Uranium Resource Evaluation Data-12
<b>Project</b>	CARE0003	Water Quality Studies at Capitol Reef NP & Dinosaur NM-1
<b>Project</b>	CEBR0001	Lab. Reports from UT Div. of Health - 1974
<b>Project</b>	CEBR0002	Measurement of Outflow for Main and Secondary Springs

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- 1975

<b>Project</b>	CEBR0003	Measurement of Irrigation Water - 1957
<b>Project</b>	CEBR0004	Misc. Data for Blowhard Spring Analyzed by UT Health Lab.
<b>Project</b>	CEBR0005	Misc. Data for Blowhard Spring from 1979-1984
<b>Project</b>	CEBR0006	Data from Regular Monitoring of Pretreated Drinking Water
<b>Project</b>	CEBR0007	Water Resources of Cedar Breaks National Monument - 1967
<b>Project</b>	CEBR0008	Spring Discharge at Cedar Breaks NM and Zion NP - 1971-1
<b>Project</b>	COLM0001	USGS National Uranium Resource Evaluation Data-17
<b>Project</b>	CURE0001	Water Quality Trends at Blue Mesa Reservoir 1982-1985
<b>Project</b>	CURE0002	Ambient WQ Monitoring Program at Curecanti NRA
<b>Project</b>	CURE0003	Ecological Effects of Reservoir Operations on Blue Mesa Res.
<b>Project</b>	CURE0004	Baseline Water Quality Inventory for 1982-1985 and Later
<b>Project</b>	CURE0005	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-06
<b>Project</b>	CURE0006	USGS National Uranium Resource Evaluation Data-23
<b>Project</b>	DINO0001	Chemical Characteristics of Springs, Seeps, and Wells
<b>Project</b>	DINO0002	USGS National Uranium Resource Evaluation Data-25
<b>Project</b>	DINO0003	Water Quality Studies at Capitol Reef NP & Dinosaur NM-2
<b>Project</b>	DINO0004	Yampa River Fishes Study Final Report - 1982
<b>Project</b>	DINO0005	Ecological Characterization of Yampa and Green Rivers - 1981
<b>Project</b>	FOBU0001	Ambient WQ Monitoring Program at Fossil Butte NM
<b>Project</b>	FOBU0002	USGS National Uranium Resource Evaluation Data-29
<b>Project</b>	FOBU0003	Wyoming Water Resources Data Center Data from the BLM
<b>Project</b>	FOBU0004	WY Water Resources Data Center Data from Western WY College
<b>Project</b>	GOSP0001	Thiokol Propulsion Data for Blue Creek Wastewater Discharge
<b>Project</b>	GOSP0002	Hydrologic Reconnaissance of the Promontory Mountains Area
<b>Project</b>	GOSP0003	Hydrologic Reconnaissance of Hansel Valley and Rozel Flat
<b>Project</b>	GOSP0004	Hydrologic Reconnaissance of the Blue Creek Valley Area
<b>Project</b>	GOSP0005	USGS National Uranium Resource Evaluation Data-39
<b>Project</b>	GOSP0006	Thiokol Propulsion Data Near Discharge Point on Blue Creek
<b>Project</b>	HOVE0001	Ambient WQ Monitoring Program at Hovenweep NM
<b>Project</b>	HOVE0002	USGS National Uranium Resource Evaluation Data-48
<b>Project</b>	HOVE0003	USGS Water Res. Invest. Reports 94-4041 and/or 97-4008-1
<b>Project</b>	NABR0001	Monitoring in Response to Proposed Nuclear Waste Reposit.-4
<b>Project</b>	NABR0002	USGS National Uranium Resource Evaluation Data-66
<b>Project</b>	PISP0001	Water Resources and Problems by Robert Rose, NPS - 1993
<b>Project</b>	PISP0002	Spring Flow Measurements Collected by NPS Staff Since 1976

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<b>Project</b>	PISP0003	USGS National Uranium Resource Evaluation Data-70
<b>Project</b>	PISP0004	Well and Spring Information, Kanab Area - 1979
<b>Project</b>	PISP0005	Geohydrology of Pipe Spring NM Area by USGS - 1999
<b>Project</b>	TICA0001	Hydrogeology and Hydrochemistry Implications for Cave Mgt.
<b>Project</b>	ZION0001	Virgin River Study by Fox and Eddy, EPA - 1976
<b>Project</b>	ZION0002	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-18
<b>Project</b>	ZION0003	Aquatic Resources Inventory of Virgin River Ecosystem - 1993
<b>Project</b>	ZION0004	USGS National Uranium Resource Evaluation Data-88
<b>Project</b>	ZION0005	Ground Water from Seeps and Springs in Hanging Gardens-1988
<b>Project</b>	ZION0006	Spring Discharge at Cedar Breaks NM and Zion NP - 1971-2
<b>Project</b>	ZION0007	Taylor Creek Entrance Water Supply by USGS - 1964
<b>Project</b>	ZION0008	Bacterial and Chemical Inputs to Zion NP - 1977
<b>Project</b>	ZION0009	WQ of Surface Water in the Upper Virgin River Basin - 1985

#### Organizational Program VS Northern Great Plains Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following 13 parks: (1) Agate Fossil Beds National Monument; (2) Badlands National Park; (3) Devils Tower National Monument; (4) Fort Laramie National Historic Site; (5) Fort Union Trading Post National Historic Site; (6) Jewel Cave National Monument; (7) Knife River Indian Villages National Historic Site; (8) Missouri National Recreational River; (9) Mount Rushmore National Memorial; (10) Niobrara National Scenic River; (11) Scotts Bluff National Monument; (12) Theodore Roosevelt National Park; and (13) Wind Cave National Park.

<b>Project</b>	AGFO0001	Macroinvertebrate Assemblages in Great Plains Parks-1
<b>Project</b>	AGFO0002	Survey of Geology and Ground-Water Resources
<b>Project</b>	BADL0001	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-03
<b>Project</b>	BADL0002	USGS National Uranium Resource Evaluation Data-05
<b>Project</b>	BADL0003	Analysis Data Sheet (1978) Submitted to the Park Supt.
<b>Project</b>	FOLA0001	USGS National Uranium Resource Evaluation Data-30
<b>Project</b>	FOLA0002	Wyoming Water Resources Data Center Data from Wyoming DEQ-2
<b>Project</b>	FOLA0003	WY Water Resources Data Center Data from WY Dept. of Ag.
<b>Project</b>	FOLA0004	WY Water Resources Data Center Data from WY G&F Dept-2
<b>Project</b>	JECA0001	Data Collected and Analyzed by EPA Region 8
<b>Project</b>	JECA0002	Parking Lot Runoff Impacts Monitoring on Jewel Cave WQ
<b>Project</b>	JECA0003	Lead Monitoring by Staff at Jewel Cave National Monument



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#### National Park Service

<b>Project</b>	JECA0004	USGS National Uranium Resource Evaluation Data-50
<b>Project</b>	JECA0005	Chloride and Nitrate Monitoring for Sewage Contamination
<b>Project</b>	JECA0006	Hydrologic Study of Jewel Cave/Wind Cave by Alexander-1
<b>Project</b>	MNRR0001	Cedar Knox Rural Water Project for Lewis and Clark Lake
<b>Project</b>	MNRR0002	City of Yankton, SD Water Department Raw Water Quality
<b>Project</b>	MORU0001	WQ Assessment of Horse Thief Lake by SD DENR
<b>Project</b>	MORU0002	South Dakota Public Water Supply Data by SD DEP - 1979
<b>Project</b>	MORU0003	USDA-Forest Service, Black Hills National Forest Data
<b>Project</b>	MORU0004	Spring Data Collected by Perry Rahn, SD School of Mines
<b>Project</b>	THRO0001	Herbicide Monitoring at Southern Unit of THRO by Park Staff
<b>Project</b>	THRO0002	Assessment of Potential Domestic Water Supplies at THRO
<b>Project</b>	WICA0001	Surface Development Impact on Cave and Baseline WQ
<b>Project</b>	WICA0002	USGS National Uranium Resource Evaluation Data-84
<b>Project</b>	WICA0003	Hydrologic Study of Jewel Cave/Wind Cave by Alexander-2

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#### Organizational Program VS Northwest Alaska Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following five parks: (1) Bering Land Bridge National Preserve; (2) Cape Krusenstern National Monument; (3) Gates of the Arctic National Park and Preserve; (4) Kobuk Valley National Park; and (5) Noatak National Preserve.

**Project** None

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#### Organizational Program VS Pacific Island Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following nine parks: (1) American Memorial Park; (2) Haleakala National Park; (3) Hawaii Volcanoes National Park; (4) Kaloko-Honokohau National Historical Park; (5) Kalaupapa National Historical Park; (6) National Park of American Samoa; (7) Puukohola Heiau National Historic Site; (8) Pu'uuhonua o Honaunau National Historical Park; and (9) War in the Pacific National Historical Park.

**Project** HALE0001 Alelele Stream Assessment by Paul O'Connor, USGS - 1995-1

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<b>Project</b>	KAHO0001	Assessment of Kaloko Pond, Marsh, and Anchialine Pools-1991
<b>Project</b>	KAHO0002	Anchialine Pools in Awakee, Kohanaiki, and Makalawena - 1987
<b>Project</b>	KAHO0003	Aquatic Survey of Kona Coast Ponds, Hawaii Island - 1974-1
<b>Project</b>	KAHO0004	Waikoloa Anchialine Pond Program, 5th Status Report - 1994-1
<b>Project</b>	KAHO0005	Biological and WQ Characteristics of Anchialine Resources
<b>Project</b>	KALA0001	Alelele Stream Assessment by Paul O'Connor, USGS - 1995-2
<b>Project</b>	PUHE0001	Anchialine Pond Data Collected by David Chai
<b>Project</b>	PUHE0002	Aquatic Survey of Kona Coast Ponds, Hawaii Island - 1974-2
<b>Project</b>	PUHE0003	Hydrologic Inventories of the Coastal Waters of West HI-1977
<b>Project</b>	PUHE0004	WQ in Anchialine Ponds of Kona Hawaii Coast by Brock - 1987
<b>Project</b>	PUHE0005	Waikoloa Anchialine Pond Program, 5th Status Report - 1994-2
<b>Project</b>	PUHO0001	Aquatic Survey of Kona Coast Ponds, Hawaii Island - 1974-3
<b>Project</b>	PUHO0002	Oceanic Institute's Summer Aquaculture Workshop Data

#### Organizational Program VS Rocky Mountain Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following six parks: (1) Florissant Fossil Beds National Monument; (2) Glacier National Park; (3) Grant-Kohrs Ranch National Historic Site; (4) Great Sand Dunes National Park; (5) Little Bighorn Battlefield National Monument; and (6) Rocky Mountain National Park.

<b>Project</b>	FLFO0001	EPA Colorado R-EMAP Program Data Collected in 1994 and 1995
<b>Project</b>	FLFO0002	Ambient WQ Monitoring Program at Florissant Fossil Beds NM
<b>Project</b>	FLFO0003	USGS National Uranium Resource Evaluation Data-28
<b>Project</b>	GLAC0001	USGS National Uranium Resource Evaluation Data-37
<b>Project</b>	GRKO0001	Diel Variation of Trace Metals in the Upper Clark Fork River
<b>Project</b>	GRKO0002	USGS National Uranium Resource Evaluation Data-42
<b>Project</b>	GRSA0001	Water Resources Management Plan by NPS - 1997-1
<b>Project</b>	GRSA0002	USGS National Uranium Resource Evaluation Data-43
<b>Project</b>	GRSA0003	Fecal Coliform Data Collected by Staff During 1985
<b>Project</b>	LIBI0001	USGS National Uranium Resource Evaluation Data-58
<b>Project</b>	ROMO0001	Correlating WQ with Biological Activity in Two Ponds by Gray
<b>Project</b>	ROMO0002	Ecological Characterization of Macroinvertebrate

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		Assemblages
<b>Project</b>	ROMO0003	Ecology of Wetlands in Big Meadows by David J. Cooper - 1990
<b>Project</b>	ROMO0004	Long-Term Monitoring Program (NADP/NAPAP) in Loch Vale
<b>Project</b>	ROMO0005	Invertebrate Algal Carbon in Streams by James H. McCutchan
<b>Project</b>	ROMO0006	Annual Capshell Snail Monitoring Program by Riebesell
<b>Project</b>	ROMO0007	Surface-Water Chemistry in Six Alpine-Subalpine Basins-1996
<b>Project</b>	ROMO0008	Water Quality of Mountain Watersheds by Samuel Kunkle - 1967
<b>Project</b>	ROMO0009	Bivouac Use Impact on WQ Below Longs Peak by Tipton - 1979
<b>Project</b>	ROMO0010	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-14
<b>Project</b>	ROMO0011	Baseline WQ of Big Thompson and Fall Rivers and Boulder Br.
<b>Project</b>	ROMO0012	Colonization of Lawn Lake Alluvial Fan by Amphibians - 1993
<b>Project</b>	ROMO0013	Survey of Giardia in Streams and Wildlife by Kunkle - 1985
<b>Project</b>	ROMO0014	Baseline WQ of the Big Thompson and Fall Rivers - 1981
<b>Project</b>	ROMO0015	Lily Lake D.O. Monitoring for Greenback Cutthroat Trout-1992
<b>Project</b>	ROMO0016	Giardia in Remote Backcountry Streams by Monzingo - 1985
<b>Project</b>	ROMO0017	Livery Impacts on Glacier Creek by Bryan Cashion, NPS - 1972
<b>Project</b>	ROMO0018	USGS National Uranium Resource Evaluation Data-72
<b>Project</b>	ROMO0019	Long-Term Ecological Monitoring System Data by Hoffmeister
<b>Project</b>	ROMO0020	Sensitivity of Central Rockies to Acidic Deposition - 1983
<b>Project</b>	ROMO0021	Episodic Acidification and Amphibian Declines by USFWS
<b>Project</b>	ROMO0022	USGS Data From David Clow to Support Ongoing Loch Vale Study
<b>Project</b>	ROMO0023	Nominating the Big Thompson River for Wild and Scenic Status
<b>Project</b>	ROMO0024	Elementary School Student Sampling of Mill Creek

#### Organizational Program VS San Francisco Bay Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following six parks: (1) Fort Point National Historic Site; (2) Golden Gate National Recreation Area; (3) John Muir National Historic Site; (4) Muir Woods National Monument; (5) Pinnacles National Monument; and (6) Point Reyes National Seashore.

<b>Project</b>	EUON0001	Spring Schedule Data Sheet from 1980 in NPS-WRD
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<b>Project</b>	GOGA0001	Rodeo Lagoon Nutrient Analysis by Biosystems Analysis -1993
<b>Project</b>	GOGA0002	Expansion and Development of the Presidio by USACOE - 1907
<b>Project</b>	GOGA0004	Presidio Storm Water Management Plan by NPS - 1994
<b>Project</b>	GOGA0005	Spawning and Rearing of Salmonids in Redwood Creek - 1988
<b>Project</b>	GOGA0006	Rodeo Lagoon, Rodeo Lake, & Rodeo Creek Characteristics-1993
<b>Project</b>	GOGA0007	Mountain Lake Monitoring Report November 1993-October 1994
<b>Project</b>	GOGA0008	Redwood Creek Aquatic Monitoring Report February-May 1994
<b>Project</b>	GOGA0009	Lobos Creek Monitoring Report June 1995-November 1995
<b>Project</b>	GOGA0010	Redwood Creek Aquatic Monitoring Report February-May 1995
<b>Project</b>	GOGA0011	Phytoplankton in Rodeo Lagoon and Lake During Aug. 1996
<b>Project</b>	GOGA0012	Rodeo Valley/Tennessee Valley/Redwood Cr. WQ Report-1996-97
<b>Project</b>	GOGA0013	Results and Proposed Mitigation Measures-Lagunitas Cr. Basin
<b>Project</b>	GOGA0014	Draft Winter 1997-98 WQ Monitoring at Golden Gate Dairy
<b>Project</b>	GOGA0015	Winter 1997-98 WQ Monitoring at Golden Gate Tributary
<b>Project</b>	GOGA0016	Richmond Transport Facilities Construction Project-1997
<b>Project</b>	GOGA0017	Land Use Impacts on WQ and Quantity in Redwood Creek - 1995
<b>Project</b>	GOGA0018	Lobos Creek Sewer Failure Damage Assessment Report - 1996
<b>Project</b>	GOGA0019	Stinson Beach County Water District Wastewater Mgt. Reports
<b>Project</b>	GOGA0020	Agricultural Runoff Assessment - 1979
<b>Project</b>	GOGA0021	San Francisco Drinking Water Reservoir WQ Monitoring
<b>Project</b>	GOGA0022	Mountain Lake Water Quality Report 1996/1997
<b>Project</b>	GOGA0023	Oil Spill Impact on Fishes in Rodeo Lagoon and Muir Beach
<b>Project</b>	GOGA0024	Ecological Survey of Tomales Bay by Johnson - 1961-1
<b>Project</b>	GOGA0025	Analysis of USGS Water Quality Data 1986-1988
<b>Project</b>	GOGA0026	Limnological Data From Lakes in the San Francisco Bay Region
<b>Project</b>	GOGA0027	Habitat Recommendations for Lagunitas Creek - 1992
<b>Project</b>	PORE0001	Pollution Studies of Drakes Estero and Abbotts Lagoon - 1990
<b>Project</b>	PORE0002	Reevaluation of Shellfish Growing Class. for Drakes Estero
<b>Project</b>	PORE0003	Marin Municipal Water District Water Quality Lab Report
<b>Project</b>	PORE0004	Hydrologic Reconnaissance of Point Reyes NS by USGS - 1966
<b>Project</b>	PORE0005	Ecological Survey of Tomales Bay by Johnson - 1961-2

#### Organizational Program VS Sierra Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate

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### National Park Service

management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following three parks: (1) Devils Postpile National Monument; (2) Sequoia and Kings Canyon National Parks; and (3) Yosemite National Park.

<b>Project</b>	DEPO0001	CA Department of Fish and Game Statewide Monitoring Program
<b>Project</b>	DEPO0002	USGS National Uranium Resource Evaluation Data-24
<b>Project</b>	KICA0001	Distribution of Aquatic Animals Relative to Acidic Waters
<b>Project</b>	KICA0002	Ambient WQ Data for KICA 1981-1988 From Harold Werner, NPS
<b>Project</b>	SEQU0001	USGS-BRD Long-Term Baseline Watershed Ecosystem Project
<b>Project</b>	SEQU0002	Quantity and Quality of the Mineral King Water Resource
<b>Project</b>	SEQU0003	WQ Mineral King Lakes/Sequoia National Forest Tule River RD
<b>Project</b>	SEQU0004	Ambient WQ Data for SEQU 1981-1988 From Harold Werner, NPS
<b>Project</b>	SEQU0005	Middle Fork Kaweah River Study in September 1993
<b>Project</b>	SEQU0006	Ongoing WQ Studies of Lakes by Jim Sickman, U.C.S.B.
<b>Project</b>	YOSE0001	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-17

### Organizational Program

#### VS Sonoran Desert Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following 11 parks: (1) Casa Grande Ruins National Monument; (2) Chiricahua National Monument; (3) Coronado National Memorial; (4) Fort Bowie National Historic Site; (5) Gila Cliff Dwellings National Monument; (6) Montezuma Castle National Monument; (7) Organ Pipe Cactus National Monument; (8) Saguaro National Park; (9) Tonto National Monument; (10) Tumacacori National Historical Park; and (11) Tuzigoot National Monument.

<b>Project</b>	CHIR0001	Misc. Spring Survey Records and Hydrologic Data at NPS-WRD
<b>Project</b>	CORO0001	Abandoned Mineral Land Report for a Copper Mine
<b>Project</b>	CORO0002	USGS National Uranium Resource Evaluation Data-18
<b>Project</b>	CORO0003	Water Supply Investigation Montezuma Pass - 1966
<b>Project</b>	CORO0004	Hydrologic Conditions in the San Pedro River Valley - 1973
<b>Project</b>	FOBO0001	Misc. WQ Data for Apache Spring in NPS-WRD Archive
<b>Project</b>	GICL0001	USGS National Uranium Resource Evaluation Data-36
<b>Project</b>	ORPI0001	Data From NPS Water Level Record Sheets and/or Arizona CPSU
<b>Project</b>	ORPI0002	Ecological Reconnaissance of Quitobaquito Spring - 1965
<b>Project</b>	ORPI0003	USGS Spring Schedule Records for Bull Pasture Spring -

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		1974
<b>Project</b>	SAGU0001	USGS Spring Schedules Completed by William Reed, NPS WRD
<b>Project</b>	SAGU0002	USGS National Uranium Resource Evaluation Data-75
<b>Project</b>	TONT0001	Regional Geology and Ground Water by U.S.B.O.R. - 1987
<b>Project</b>	TONT0002	Data in the NPS WRD Archives Collected by Bill Reed in 1980
<b>Project</b>	TONT0003	USGS National Uranium Resource Evaluation Data-79
<b>Project</b>	TUZI0001	Assess Discharge from a Tailings Pile by AZ DEQ - 1988
<b>Project</b>	TUZI0002	Site Screening Investigation for Phelps Dodge Verde Mine
<b>Project</b>	TUZI0003	Expanded Site Inspection for Phelps Dodge Verde Mine Area
<b>Project</b>	TUZI0004	USGS National Uranium Resource Evaluation Data-80

### Organizational Program

#### VS South Florida/Caribbean Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following six parks: (1) Big Cypress National Preserve; (2) Biscayne National Park; (3) Buck Island Reef National Monument; (4) Dry Tortugas National Park; (5) Everglades National Park; and (6) Virgin Islands National Park.

<b>Project</b>	BICY0001	Ambient WQ Monitoring Program at Big Cypress N. Pres.
<b>Project</b>	BISC0001	Report on Data for Biscayne Bay Marinas by USACOE - 1983
<b>Project</b>	BISC0002	John Pennekamp Coral Reef State Park WQ Monitoring Program
<b>Project</b>	BISC0003	Addendum to Report "Biscayne Bay Ammonium Monitoring" - 1995
<b>Project</b>	BISC0004	Pollution Studies in Biscayne Bay - 1939
<b>Project</b>	BISC0005	Ecological Study of South Biscayne Bay Near Turkey Point
<b>Project</b>	BISC0006	Coliform Sampling Program for Biscayne Bay - 1969
<b>Project</b>	BISC0007	Biological Investigations of the Black Creek Vicinity
<b>Project</b>	BISC0008	Mowry Canal (C-103) Water Quality and Discharge - 1983
<b>Project</b>	BISC0009	Organic Pollution of the Water Near Black Creek - 1987
<b>Project</b>	BISC0010	Ecology and Distribution of Larval Fishes of Biscayne Bay
<b>Project</b>	BISC0011	Preliminary Studies of Pollution in Biscayne Bay - 1955
<b>Project</b>	BISC0012	Survey of the Subtropical Inshore Waters near Miami - 1950
<b>Project</b>	BISC0013	Ecological Study of South Biscayne and Card Sound - 1971
<b>Project</b>	BISC0014	Salinity of Ocean-Water at Fowey Rocks - 1918
<b>Project</b>	BISC0015	Thermal Pollution of Intrastate Waters of Biscayne Bay
<b>Project</b>	BUIS0001	Ambient WQ Monitoring Program at Buck Island Reef NM
<b>Project</b>	EVER0001	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-07

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## National Park Service

**Project** VIIS0001 Ambient WQ Monitoring Program at Virgin Islands NP

### Organizational Program VS Southeast Alaska Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following three parks: (1) Glacier Bay National Park and Preserve; (2) Klondike Gold Rush National Historical Park; and (3) Sitka National Historical Park.

**Project** KLGO0001 Ecological Inventory by Paustian et. al., USFS - 1994

**Project** KLGO0002 USGS National Uranium Resource Evaluation Data-55

**Project** SITK0001 Phase II Site Assessment Water Samples by Shannon Wilson

### Organizational Program VS Southeast Coast Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following 17 parks: (1) Cape Hatteras National Seashore; (2) Cape Lookout National Seashore; (3) Canaveral National Seashore; (4) Castillo de San Marcos National Monument; (5) Chattahoochee River National Recreation Area; (6) Congaree Swamp National Monument; (7) Cumberland Island National Seashore; (8) Fort Caroline National Memorial; (9) Fort Frederica National Monument; (10) Fort Matanzas National Monument; (11) Fort Pulaski National Monument; (12) Fort Sumter National Monument; (13) Horseshoe Bend National Military Park; (14) Kennesaw Mountain National Battlefield Park; (15) Moores Creek National Battlefield; (16) Ocmulgee National Monument; and (17) Timucuan Ecological and Historic Preserve.

**Project** CANA0001 Ambient WQ Monitoring Program at Canaveral National Seashore

**Project** COSW0001 Metals in Bed Material in Congaree Swamp NM and Cedar Creek

**Project** COSW0002 Trace Metals in Sediments and the Asiatic Clam

**Project** COSW0003 Water Quality Study at Congaree Swamp NM - 1991

**Project** COSW0004 Impact of Urbanization, Agriculture and Silviculture on WQ

**Project** CUIS0001 Underground Storage Tank Initial Site Characterization

**Project** FOCA0001 Betsy Deuerling's WQ Data From the Jacksonville RES Dept.-1

**Project** FOCA0002 Spanish Pond Data Attached to a Letter from Dana Morton

**Project** FOPU0001 Georgia DNR Shellfish Fecal Coliform Monitoring Program

**Project** FOPU0002 Tritium Release to the Savannah River - 1992

**Project** FOPU0003 Ambient WQ Monitoring Program at Fort Pulaski NM

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<b>Project</b>	FOPU0004	Pollution History of the Savannah Estuary - 1994
<b>Project</b>	FOSU0001	Data to Support the EPA's EMAP-Estuarines Program
<b>Project</b>	FOSU0002	Dredging Permit for Proposed Concord St. Tour Boat Facility
<b>Project</b>	FOSU0003	Expanded Site Inspection Report - NPS Charleston Harbor Site
<b>Project</b>	FOSU0004	Demonstration Program Report, SC Aquarium - 1996
<b>Project</b>	FOSU0005	Characterization of Charleston Harbor Estuarine System
<b>Project</b>	FOSU0006	Site Inspection, Charleston Harbor Site, Concord Street
<b>Project</b>	FOSU0007	Remedial Investigation for Calhoun Park Area Site - 1996
<b>Project</b>	FOSU0008	Metals and Polycyclic Aromatic Hydrocarbons in the Harbor
<b>Project</b>	FOSU0009	Physical & Ecological Characterization of Charleston Harbor
<b>Project</b>	HOBE0001	Mussel, Snail, and Crayfish Species of the Tallapoosa River
<b>Project</b>	HOBE0002	Lake Watch of Lake Martin (AL Water Watch and Auburn Univ.)
<b>Project</b>	HOBE0003	USGS National Uranium Resource Evaluation Data-45
<b>Project</b>	KEMO0001	Ambient WQ Monitoring Program at Kennesaw Mountain NB Park
<b>Project</b>	MOCR0001	Ambient WQ Monitoring Program at Moores Creek NB
<b>Project</b>	OCMU0001	Misc. Data from Georgia Department of Natural Resources
<b>Project</b>	OCMU0002	Fisheries and Rec. Use Survey of the Upper Ocmulgee River
<b>Project</b>	OCMU0003	Macon Water Authority Data Collected After a Sewage Spill
<b>Project</b>	OCMU0004	Water Quality Investigation of Walnut Creek by GA DNR - 1986
<b>Project</b>	TIMU0001	Bio. Assessment of St. Johns River Water and Marsh Areas
<b>Project</b>	TIMU0002	Ambient WQ Monitoring Program Around Fort George Island
<b>Project</b>	TIMU0003	Comparison of WQ in Open and Closed Tidal Creeks by USGS-BRD
<b>Project</b>	TIMU0004	St. Johns River Biological Survey, Duval County, 20.3BA
<b>Project</b>	TIMU0005	Data Collected for the Fort George Island Project
<b>Project</b>	TIMU0006	Site Certification Application for St. Johns R. Power Park
<b>Project</b>	TIMU0007	Northside Generating Station NPDES Permit Monitoring Program
<b>Project</b>	TIMU0008	WQ Data From the Jacksonville Reg. and Env. Services Dept.
<b>Project</b>	TIMU0009	Dames Point-Fulton Cutoff Data From Jacksonville R.E.S. Dept
<b>Project</b>	TIMU0010	Betsy Deuerling's WQ Data From the Jacksonville RES Dept.-2

#### Organizational Program

VS Southern Colorado Plateau Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining



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compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following 19 parks: (1) Aztec Ruins National Monument; (2) Bandelier National Monument; (3) Canyon de Chelly National Monument; (4) Chaco Culture National Historical Park; (5) El Malpais National Monument; (6) El Morro National Monument; (7) Glen Canyon National Recreation Area; (8) Grand Canyon National Park; (9) Hubbell Trading Post National Historic Site; (10) Mesa Verde National Park; (11) Navajo National Monument; (12) Petrified Forest National Park; (13) Petroglyph National Monument; (14) Rainbow Bridge National Monument; (15) Salinas Pueblo Missions National Monument; (16) Sunset Crater Volcano National Monument; (17) Walnut Canyon National Monument; (18) Wupatki National Monument; and (19) Yucca House National Monument.

<b>Project</b>	BAND0001	Monitoring Prior to St. Peters Dome Rd. Development - 1996
<b>Project</b>	BAND0002	Benthic Macroinvertebrate Bioassessment Methods Comparison
<b>Project</b>	BAND0003	Geohydrology of Bandelier National Monument - 1980
<b>Project</b>	BAND0004	Ambient WQ Monitoring Program at Bandelier NM
<b>Project</b>	CACH0001	Cold Water Fishery Habitat WQ Data from Navajo EPA
<b>Project</b>	CACH0002	USGS National Uranium Resource Evaluation Data-10
<b>Project</b>	CHCU0001	Data After a Spill From Dome Petroleum Well Sludge Pond
<b>Project</b>	ELMA0001	Lava Tube Fire Impact Study at El Malpais NM
<b>Project</b>	ELMA0002	Misc. Data in William Werrell's Trip Report at NPS-WRD
<b>Project</b>	ELMA0003	USGS National Uranium Resource Evaluation Data-26
<b>Project</b>	ELMA0004	Water Samples from Domestic Wells and Springs
<b>Project</b>	ELMA0005	Hydrogeology of Cibola County, New Mexico by the USGS
<b>Project</b>	ELMA0006	USGS Stream-Sediment and Heavy-Mineral-Concentrate Samples
<b>Project</b>	ELMA0007	Biological Inventory of Six Lava Tubes - 1996
<b>Project</b>	ELMO0001	Geological and Hydrological Assessment of El Morro NM
<b>Project</b>	ELMO0002	Stratigraphy, Sedimentology, and Surface WQ - 1995
<b>Project</b>	ELMO0003	USGS Chemical Analysis Form on File at NPS-WRD
<b>Project</b>	ELMO0004	USGS National Uranium Resource Evaluation Data-27
<b>Project</b>	ELMO0005	Geochemical Survey of the Historic Pool at El Morro NM
<b>Project</b>	GLCA0001	Bacteriological WQ Monitoring by Glen Canyon N.R.A. Staff
<b>Project</b>	GLCA0002	Water Resources Descriptions and Database Canyonlands NP-2
<b>Project</b>	GLCA0003	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-09
<b>Project</b>	GLCA0004	Groundwater Resources in Canyonlands National Park - 1980-2
<b>Project</b>	GLCA0005	Monitoring in Response to Proposed Nuclear Waste Reposit.-3
<b>Project</b>	GLCA0006	USGS National Uranium Resource Evaluation Data-38
<b>Project</b>	GLCA0007	Water Resources Descriptions and Database Canyonlands NP-3
<b>Project</b>	GRCA0001	Ambient WQ Monitoring Program at Grand Canyon National Park
<b>Project</b>	GRCA0002	USGS National Uranium Resource Evaluation Data-41
<b>Project</b>	HUTR0001	USGS National Uranium Resource Evaluation Data-49
<b>Project</b>	MEVE0001	Ambient WQ Monitoring Program at Mesa Verde National Park
<b>Project</b>	MEVE0002	USGS National Uranium Resource Evaluation Data-63

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#### National Park Service

<b>Project</b>	MEVE0003	Compare Cliff Palace Spring Water with Mancos Shale Water
<b>Project</b>	MEVE0004	Check for Pesticides and Herbicides Entering Jackson Gulch
<b>Project</b>	MEVE0005	USGS Water Res. Invest. Reports 94-4041 and/or 97-4008-2
<b>Project</b>	NAVA0001	Betatakin and Keet Seel Springs Data - 1983
<b>Project</b>	NAVA0002	Water Resources Management Profile by NPS - 1982
<b>Project</b>	NAVA0003	Keet Seel Spring Data from Navajo Tribal Utility Authority
<b>Project</b>	NAVA0004	Keet Seel Spring Data Analyzed by Westech Lab - 1991
<b>Project</b>	PETR0001	City of Albuquerque Stormwater Samples by Meinz - 1993
<b>Project</b>	PETR0002	Ground Water in the Albuquerque Area by USGS - 1961
<b>Project</b>	SAPU0001	USGS National Uranium Resource Evaluation Data-76
<b>Project</b>	SAPU0002	Water Resources Management Plan by NPS - 1997-2
<b>Project</b>	SUCR0001	USGS National Uranium Resource Evaluation Data-78
<b>Project</b>	WACA0001	USGS National Uranium Resource Evaluation Data-82
<b>Project</b>	YUHO0001	Domestic Water Analysis of Ismay Spring
<b>Project</b>	YUHO0002	USGS National Uranium Resource Evaluation Data-87
<b>Project</b>	YUHO0003	USGS Water Res. Invest. Reports 94-4041 and/or 97-4008-3

#### Organizational Program VS Southern Plains Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following ten parks: (1) Alibates Flint Quarries National Monument; (2) Bent's Old Fort National Historic Site; (3) Capulin Volcano National Monument; (4) Chickasaw National Recreation Area; (5) Fort Larned National Historic Site; (6) Fort Union National Monument; (7) Lake Meredith National Recreation Area; (8) Lyndon B. Johnson National Historical Park; (9) Pecos National Historical Park; and (10) Washita Battlefield National Historic Site.

<b>Project</b>	BEOL0001	USGS National Uranium Resource Evaluation Data-06
<b>Project</b>	CAVO0001	USGS National Uranium Resource Evaluation Data-14
<b>Project</b>	CHIC0001	Ambient WQ Monitoring Program at Chickasaw NRA 1987-1994
<b>Project</b>	CHIC0002	Changes in Water Quality Resulting from Impoundment - 1971
<b>Project</b>	CHIC0003	Destratification and Reaeration of Reservoirs - 1979
<b>Project</b>	CHIC0004	WQ Management Study for Chickasaw NRA - 1977
<b>Project</b>	CHIC0005	Bacteriological Contamination of Hillside Spring - 1968
<b>Project</b>	CHIC0006	Hydrology of the Arbuckle Mountains Area - 1990
<b>Project</b>	CHIC0007	Etiology of Subcutaneous Neoplasms in Native Gizzard Shad
<b>Project</b>	CHIC0008	Water Quality Study for Platt National Park - 1976
<b>Project</b>	CHIC0009	Benthic Macroinvertebrates & Zooplankton in Arbuckle Res.
<b>Project</b>	FOUN0001	USGS National Uranium Resource Evaluation Data-32
<b>Project</b>	LAMR0001	WQ and Limnology of Lake Meredith by Cooper (1967-

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### National Park Service

		1974)
<b>Project</b>	LAMR0002	Ambient WQ Monitoring by Canadian River MWA (1965-1998)
<b>Project</b>	LAMR0003	Data in STORET Owned by 21TEXWR Scheduled to be Retired-1
<b>Project</b>	LAMR0004	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-11
<b>Project</b>	LAMR0005	USGS National Uranium Resource Evaluation Data-57
<b>Project</b>	LAMR0006	Ambient WQ Monitoring Data from the Red River Authority
<b>Project</b>	LAMR0007	Texas Parks and Wildlife Department Fish Monitoring Reports
<b>Project</b>	LYJO0001	Ambient WQ Monitoring Program at Lyndon B. Johnson NHP
<b>Project</b>	PECO0001	Ambient WQ Monitoring Program at Pecos NHP
<b>Project</b>	PECO0002	WQ Assessment of Pecos River and Glorieta Creek by Jacobi

### Organizational Program VS Southwest Alaska Monitoring Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following five parks: (1) Alagnak Wild River; (2) Aniakchak National Monument and Preserve; (3) Katmai National Park and Preserve; (4) Kenai Fjords National Park; and (5) Lake Clark National Park and Preserve.

<b>Project</b>	ALAG0001	Baseline Hydrocarbon Study Interim Report by USFWS - 1997-1
<b>Project</b>	ANIA0001	Baseline Inventory of the Aquatic Resources of Aniakchak-1
<b>Project</b>	KATM0001	Chemical Survey of Alagnak and Naknek Rivers Lakes-1992
<b>Project</b>	KATM0002	Brooks Camp Monitoring and Remediation Well Installation
<b>Project</b>	KATM0003	Optimum Escapements of Sockeye Salmon by Burgner - 1969
<b>Project</b>	KATM0004	Exxon Valdez Oil Spill Research and Restoration 1994 CDROM-1
<b>Project</b>	KATM0005	Geochemistry of Waters in the Valley of Ten Thousand Smokes
<b>Project</b>	KATM0006	Ambient WQ Monitoring Program at Katmai NP and Preserve
<b>Project</b>	KATM0007	Baseline Inventory of the Aquatic Resources of Aniakchak-2
<b>Project</b>	KATM0008	Revised Plan for the Katmai Scientific Drilling Project-1992
<b>Project</b>	KATM0009	WQ Inventory and Monitoring by LaPerriere - 1996
<b>Project</b>	KATM0010	Nitrogen Fixation by Lichens in a Sub-Arctic Watershed
<b>Project</b>	KATM0011	Primary Productivity Limiting Factors in 3 Lakes by Goldman
<b>Project</b>	KATM0012	Baseline Hydrocarbon Study Interim Report by USFWS -

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### National Park Service

		1997-2
<b>Project</b>	KEFJ0001	Copper in Resurrection Fjord by David T. Heggie - 1983
<b>Project</b>	KEFJ0002	Exxon Valdez Oil Spill Research and Restoration 1994 CDROM-2
<b>Project</b>	KEFJ0003	USGS National Uranium Resource Evaluation Data-54
<b>Project</b>	KEFJ0004	National Weather Service Gage (June-Nov. 1998) Temp. Data
<b>Project</b>	KEFJ0005	Salmonids and Benthic Macroinvertebrates in New Stream-1999
<b>Project</b>	LACL0001	Exxon Valdez Oil Spill Research and Restoration 1994 CDROM-3

#### Organizational Program VS Upper Columbia Basin Network

Vital Signs Monitoring Networks are groups of parks that conduct long-term ecological monitoring for selected critical parameters, or "vital signs". The goal of this monitoring is to be able to assess the basic health or integrity of park ecosystems and to be able to formulate management actions whenever necessary to maintain the integrity of those ecosystems. The objectives include: (a) identifying status and trends in ecosystem health; (b) defining normal limits of variation; (c) providing early warning of situations that require intervention; (d) suggesting remedial treatments and frame research hypotheses; and (e) determining compliance with laws and regulations. For additional information on monitoring natural resources in national parks and the Vital Signs Program, visit: <http://www.nature.nps.gov/im/monitor/>. This NPS Vital Signs Monitoring Network encompasses the following eight parks: (1) Big Hole National Battlefield; (2) City of Rocks National Reserve; (3) Craters of the Moon National Monument; (4) Hagerman Fossil Beds National Monument; (5) John Day Fossil Beds National Monument; (6) Lake Roosevelt National Recreation Area; (7) Nez Perce National Historical Park; and (8) Whitman Mission National Historic Site.

<b>Project</b>	CIRO0001	USGS National Uranium Resource Evaluation Data-16
<b>Project</b>	CRMO0001	Baseline Study of Water Resources on Craters of the Moon NM
<b>Project</b>	CRMO0002	USGS National Uranium Resource Evaluation Data-21
<b>Project</b>	WHMI0001	Data from a Study at Whitman Mission National Historic Site

#### Organizational Program Valley Forge National Historical Park

Site of the Continental Army's winter encampment, 1777-78, the park contains General Washington's headquarters, original earthworks, a variety of monuments and markers, reconstructed log buildings, and replica cannon. Authorized July 4, 1976. Boundary change: June 28, 1980. Acreage--3,466.47 Federal: 3,005.18 Nonfederal: 461.29.

Contact:  
Valley Forge  
National Historical Park  
P.O. Box 953  
Valley Forge, PA 19482-0953  
610-783-1000

For Additional Information:  
[www.nps.gov/vafo](http://www.nps.gov/vafo)

<b>Project</b>	VAFO0001	Aquatic Biology Investigations Undertaken by the PA DEP
<b>Project</b>	VAFO0002	Chester Creek 1997 by Conestoga HS Biology Students
<b>Project</b>	VAFO0003	Ambient WQ Monitoring by the Chester County Health Dept.
<b>Project</b>	VAFO0004	Crum Creek 1995 Report by Conestoga HS Students

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#### National Park Service

<b>Project</b>	VAFO0005	Series of Ridley Creek Reports by Conestoga HS Students
<b>Project</b>	VAFO0006	French Creek 1994 Report by Conestoga HS Students
<b>Project</b>	VAFO0007	Pickering Creek 1993 Report by Conestoga HS Students
<b>Project</b>	VAFO0008	Series of Valley Creek Reports by Conestoga HS Students
<b>Project</b>	VAFO0010	Warner Company's Settling Pond Discharge
<b>Project</b>	VAFO0011	Mgt. Guidelines for Valley Creek by NPS & Penn. State - 1996
<b>Project</b>	VAFO0012	Ambient WQ Monitoring Program at Valley Forge NHP
<b>Project</b>	VAFO0013	Data From the NPS Stream Gage on Valley Creek
<b>Project</b>	VAFO0014	USGS National Uranium Resource Evaluation Data-81
<b>Project</b>	VAFO0016	Biological Survey and Mgt. Plan for Valley Creek by Stauffer
<b>Project</b>	VAFO0017	French Creek WQ and Fish and Benthic Macroinvert. - 1971-2
<b>Project</b>	VAFO0018	Correspondence from Ronald Sloto, USGS to Valley Forge NHP
<b>Project</b>	VAFO0019	WQ Monitoring Program for Philadelphia Electric Company
<b>Project</b>	VAFO0020	Valley Creek Turbidity Monitoring Study Data From Volunteers
<b>Project</b>	VAFO0021	Trout Unlimited Data to Evaluate Valley Creek's Designation
<b>Project</b>	VAFO0022	Effect of Urbanization on the Water Resources by USGS - 1987
<b>Project</b>	VAFO0023	WQ Data for Streams in Chester County 1969-80 by USGS - 1989
<b>Project</b>	VAFO0024	Metals, Pesticides, and Organic Compounds in Sediment - 1997
<b>Project</b>	VAFO0025	Valley Creek Environmental Study by Villanova Students- 1997
<b>Project</b>	VAFO0026	Volatile Organic Sampling of Little Valley Creek

#### Organizational Program

##### Vanderbilt Mansion National Historic Site

This palatial mansion is a fine example of homes built by 19th-century millionaires. It was constructed by Frederick W. Vanderbilt, a grandson of Cornelius Vanderbilt. Designated Dec. 18, 1940. Acreage--211.65, all federal.

Contact:  
Vanderbilt Mansion  
National Historic Site  
519 Albany Post Road  
Hyde Park, NY 12538-1997  
914-229-9115

For Additional Information:  
[www.nps.gov/vama](http://www.nps.gov/vama)

<b>Project</b>	VAMA0001	Ambient WQ Monitoring Program at Vanderbilt Mansion NHS
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#### Organizational Program

##### Vicksburg National Military Park

Reconstructed forts and trenches evoke memories of the 47-day siege that ended in the surrender of the city on July 4, 1863. Victory gave the North control of the Mississippi River. The Civil War ironclad gunboat USS Cairo is on display. Vicksburg National Cemetery-18,244

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### National Park Service

interments, 12,954 unidentified-is within the park; grave space is not available.  
Park: Established Feb. 21, 1899; transferred from War Dept. Aug. 10, 1933. Boundary changes: June 4, 1963; Oct. 18, 1990.  
Cemetery: Date of Civil War interments, 1866-1874. Transferred from War Dept. Aug. 10, 1933. Boundary change: March 2, 1955.  
Park acreage--1,736.47 Federal: 1,729.63 Nonfederal: 6.84. Cemetery acreage--116.28, all federal.

Contact:  
Vicksburg  
National Military Park  
3201 Clay Street  
Vicksburg, MS 39183  
601-636-0583  
(Also in Louisiana)

For Additional Information:  
[www.nps.gov/vick](http://www.nps.gov/vick)

**Project** None

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### Organizational Program

Virgin Islands National Park

The park covers much of the island of St. John. Features include coral reefs, quiet coves, blue-green waters, and white sandy beaches fringed by green hills. Here, too, are early Indian sites and the remains of Danish colonial sugar plantations.  
Authorized Aug. 2, 1956. Boundary changes: June 29, 1960; Oct. 5, 1962; Aug. 18, 1978.  
Designated a Biosphere Reserve 1976.  
Acreage--14,688.87 Federal: 12,909.57 Nonfederal: 1,779.30. Water area: 5,650.

Contact:  
Virgin Islands National Park  
P.O. Box 710  
Cruz Bay, St. John, VI 00831  
340-776-6201

For Additional Information:  
[www.nps.gov/viis](http://www.nps.gov/viis)

**Project** VIIS0001 Ambient WQ Monitoring Program at Virgin Islands NP

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### Organizational Program

Voyageurs National Park

This waterway of four large lakes connected by narrows was once the route of the French-Canadian voyageurs. With more than 500 islands, the lakes surround an island of boreal forest.  
Authorized Jan. 8, 1971; established April 8, 1975. Boundary change: Jan. 3, 1983.  
Acreage--218,054 Federal: 216,426 Nonfederal: 1,628. Land area: 134,246. Water area: 83,808.

Contact:  
Voyageurs National Park  
3131 Highway 53  
International Falls, MN 56649-8904  
218-283-9821

For Additional Information:  
[www.nps.gov/voya](http://www.nps.gov/voya)

**Project** None

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### Organizational Program

Walnut Canyon National Monument

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### National Park Service

These cliff dwellings were built in shallow caves under ledges of limestone by Sinagua People about 800 years ago.

Proclaimed Nov. 30, 1915; transferred from Forest Service, U.S. Dept. of Agriculture, Aug. 10, 1933. Boundary changes: Sept. 24, 1938; Nov. 12, 1996.

Acreage--3,579.46 Federal: 3,288.62 Nonfederal: 290.84.

Contact:  
Walnut Canyon  
National Monument  
6400 N. Highway 89  
Flagstaff, AZ 86004  
520-526-3367

For Additional Information:  
[www.nps.gov/waca](http://www.nps.gov/waca)

**Project** WACA0001 USGS National Uranium Resource Evaluation Data-82

### Organizational Program War in the Pacific National Historical Park

The 1944 recapture of Guam by American forces during World World II is interpreted at seven units on this island, from the summit of Mt. Tenjo (1,033 ft.) to the submerged war relics on the offshore coral reefs (132 feet deep).

Authorized Aug. 18, 1978.

Acreage-1,992.28 Federal: 919.33 Nonfederal: 1,072.95. Water area: 1,002.

Contact:  
War in the Pacific  
National Historical Park  
P.O. Box FA  
Hagatna, GU 96932  
671-472-7240

For Additional Information:  
[www.nps.gov/wapa](http://www.nps.gov/wapa)

**Project** None

### Organizational Program Washita Battlefield National Historic Site

The park commemorates the November 27, 1868, battle where the 7th U.S. Cavalry under Lt. Col. George A. Custer destroyed Peace Chief Black Kettle's Cheyenne village. Black Kettle and more than 100 Cheyenne were killed or captured. The controversial attack has been described as both a battle and a massacre. The winter assault demonstrated the effectiveness of winter campaigns when Plains Indians were less mobile.

Authorized Nov. 12, 1996.

Acreage--315.20 Federal: 312.20 Nonfederal: 3.00.

Contact:  
Washita Battlefield  
National Historic Site  
c/o Southern Support Office  
P.O. Box 890  
Cheyenne, OK 73628-0890  
580-497-2742

For Additional Information:  
[www.nps.gov/waba](http://www.nps.gov/waba)

**Project** None

### Organizational Program Weir Farm National Historic Site

American Impressionist painter Julian Alden Weir's (1852-1919) home and studio remain

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## National Park Service

intact here, together with the landscape that inspired his paintings and those by the group of artists with whom he associated. The site also contains the studio of the sculptor Mahonri Young (1877-1957).

Authorized Oct. 31, 1990. Boundary change: Nov. 10, 1998.  
Acreage--60.76 Federal: 58.71 Nonfederal: 2.05.

Contact:  
Weir Farm  
National Historic Site  
735 Nod Hill Road  
Wilton, CT 06897-1309  
203-834-1896

For Additional Information:  
[www.nps.gov/wefa](http://www.nps.gov/wefa)

**Project** None

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## Organizational Program Whiskeytown National Recreation Area

Whiskeytown Unit, with its mountainous backcountry and large reservoir, provides a multitude of outdoor recreation opportunities as well as remains of buildings built during the Gold Rush. Shasta and Trinity Units are administered by Forest Service, U.S. Dept. of Agriculture. Authorized Nov. 8, 1965; established Oct. 21, 1972.  
Acreage--42,503.46 Federal: 42,459.30 Nonfederal: 44.16.

Contact:  
Whiskeytown  
National Recreation Area  
P.O. Box 188  
Whiskeytown, CA 96095-0188  
530-241-6584

For Additional Information:  
[www.nps.gov/whis](http://www.nps.gov/whis)

<b>Project</b>	WHIS0001	Data Collected by the US BOR for a Water Quality Baseline
<b>Project</b>	WHIS0002	California Dept. of Health Services - Drinking Water Program
<b>Project</b>	WHIS0003	CA Dept. of Water Resources Clear Creek Basin Study
<b>Project</b>	WHIS0004	Limnological Investigation of Whiskeytown Reservoir - 1994
<b>Project</b>	WHIS0005	WQ Study of Whiskeytown Reservoir - 1966
<b>Project</b>	WHIS0006	Brandy Creek Raw Water Sample by Brown and Caldwell - 1979
<b>Project</b>	WHIS0007	Water-Resources Reconnaissance of Whiskeytown NRA by USGS
<b>Project</b>	WHIS0008	Ambient WQ Data Collected by NPS Staff From 1972-1980
<b>Project</b>	WHIS0009	Whiskeytown Park Files Report (N3617-Water Tests for Mines)
<b>Project</b>	WHIS0010	Carr Memorial Sample by Brown and Caldwell - 1981
<b>Project</b>	WHIS0011	Spring Creek Tunnel Data Collected by Redding Water Utility
<b>Project</b>	WHIS0012	Water Resources Inventory by William Werrell, NPS-WRD-2
<b>Project</b>	WHIS0013	CA Regional WQ Control Board Memo in Whiskeytown Archive
<b>Project</b>	WHIS0014	Data From Misc. Papers in a Brown Folder at Whiskeytown Unit



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#### National Park Service

- Project** WHIS0015 Four Bact. Surveys by the CA Regional WQ Control Board
- Project** WHIS0016 Carr Powerhouse Data from Jeffersonville, IN Lab Sheet-1977

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#### Organizational Program White Sands National Monument

The park contains a significant portion of the world's largest gypsum dunefield. The glistening white dunes rise 60 feet high and cover 275 square miles. Small animals and plants have adapted to this harsh environment.

Proclaimed Jan. 18, 1933. Boundary changes: Nov. 28, 1934; Aug. 29, 1938; June 6, 1942; June 24, 1953; Nov. 10, 1978; Sept. 23, 1996.

Acreage--143,732.92, all federal.

Contact:  
White Sands  
National Monument  
P.O. Box 1086  
Holloman AFB, NM 88330-1086  
505-679-2599

For Additional Information:  
[www.nps.gov/whsa](http://www.nps.gov/whsa)

- Project** WHSA0001 Lost River Data After Jet Fuel Spill on Air Force Property
- Project** WHSA0002 USGS National Uranium Resource Evaluation Data-83
- Project** WHSA0003 Hydrologic Control Over the Origin of Gypsum at Lake Lucero
- Project** WHSA0004 Hydrologic Evaluation of Garton Lake by US Air Force - 1980

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#### Organizational Program Whitman Mission National Historic Site

The mission of Marcus and Narcissa Whitman at Waiilatpu was an important way station in the early days of the Oregon Trail. The Whitmans labored to bring Christianity to the Cayuse Indians, but deep cultural differences and a measles epidemic led to violence in which the Cayuse killed the Whitmans and 11 others.

Authorized as Whitman National Monument June 29, 1936; renamed and redesignated Jan. 1, 1963. Boundary changes: Feb. 7, 1961; Feb. 8, 1963.

Acreage--98.15, all federal.

Contact:  
Whitman Mission  
National Historic Site  
Route 2, Box 247  
Walla Walla, WA 99362-9699  
509-522-6360

For Additional Information:  
[www.nps.gov/whmi](http://www.nps.gov/whmi)

- Project** WHMI0001 Data from a Study at Whitman Mission National Historic Site

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#### Organizational Program William Howard Taft National Historic Site

William Howard Taft, the only person to serve as both President (1909-13) and Chief Justice of the United States (1921-30), was born and raised in this restored home.

Authorized Dec. 2, 1969. Boundary change: Nov. 10, 1978.

Acreage--3.07 Federal: 1.70 Nonfederal: 1.37.

Contact:

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## National Park Service

William Howard Taft  
National Historic Site  
2038 Auburn Avenue  
Cincinnati, OH 45219-3025  
513-684-3262

For Additional Information:  
[www.nps.gov/wiho](http://www.nps.gov/wiho)

**Project** None

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### Organizational Program Wilson's Creek National Battlefield

The battle here on Aug. 10, 1861, was the first major engagement west of the Mississippi. The Confederate failure here resulted in keeping Missouri in the Union. Major features include a 5-mile automobile tour loop, the restored 1852 Ray House, and "Bloody Hill," the scene of the major battle.  
Authorized as a national battlefield park April 22, 1960; redesignated Dec. 16, 1970.  
Acreage--1,749.91, all federal.

Contact:  
Wilson's Creek  
National Battlefield  
6424 W. Farm Road 182  
Republic, MO 65738-9514  
417-732-2662

For Additional Information:  
[www.nps.gov/wicr](http://www.nps.gov/wicr)

- Project** WICR0001 Macroinvertebrate Assemblages in Great Plains Parks-5
  - Project** WICR0002 Toxicity Identification Evaluation of Wilson's Creek - 1992
  - Project** WICR0003 Springfield Southwest Wastewater Treatment Plant Report
  - Project** WICR0004 James River-Wilson Creek Study - 1969
  - Project** WICR0005 Toxicity of Wilson's Cr. Near Wastewater Treatment Facility
  - Project** WICR0006 Toxic Conditions in the Wilson Creek Watershed by Nimmo-1989
  - Project** WICR0007 Ambient WQ Monitoring at Wilson's Creek National Battlefield
  - Project** WICR0008 Initial Monitoring of the Supply Well to Park Headquarters
  - Project** WICR0009 Heavy Metal Content in the Stream Sediments of Wilson Creek
  - Project** WICR0010 Biomonitoring an Impacted Stream by Jocelyn F. Korsch - 1997
  - Project** WICR0011 Springfield Southwest Wastewater Treatment Plant WQ Program
  - Project** WICR0012 WQ During Low-Flow Conditions in Wilsons Creek by Berkas
- 

### Organizational Program Wind Cave National Park

This limestone cave in the scenic Black Hills is decorated by beautiful boxwork and calcite crystal formations. The park's mixed grass prairie displays an impressive array of wildlife. Established Jan. 9, 1903. Boundary changes: March 4, 1931; Aug. 9, 1946; Nov. 10, 1978. Wind Cave National Game Preserve, established Aug. 10, 1912, added to park June 15, 1935.  
Acreage--28,295.03, all federal.

Contact:

## Program Summary

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### National Park Service

Wind Cave National Park  
R.R. 1, Box 190  
Hot Springs, SD 57747-9430  
605-745-4600

For Additional Information:  
[www.nps.gov/wica](http://www.nps.gov/wica)

<b>Project</b>	WICA0001	Surface Development Impact on Cave and Baseline WQ
<b>Project</b>	WICA0002	USGS National Uranium Resource Evaluation Data-84
<b>Project</b>	WICA0003	Hydrologic Study of Jewel Cave/Wind Cave by Alexander-2

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### Organizational Program

 Wolf Trap Farm Park for the Performing Arts

The Filene Center, an open-air performing arts pavilion, can accommodate an audience of 7,000, including 3,000 on the sloping lawn in a setting of rolling hills and woods. Authorized Oct. 15, 1966. Acreage--130.28, all federal.

Contact:  
Wolf Trap Farm Park  
for the Performing Arts  
1551 Trap Road  
Vienna, VA 22182-1643  
703-255-1800

For Additional Information:  
[www.nps.gov/wotr](http://www.nps.gov/wotr)

**Project** None

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### Organizational Program

 Women's Rights National Historic Park

Located in Seneca Falls, this park commemorates women's struggle for equal rights and includes the Wesleyan Methodist Chapel, the site of the first Women's Rights Convention in 1848, the Elizabeth Cady Stanton home, the M'Clintock House where the Declaration of Sentiments was written, and other sites related to notable early women's rights activists. Authorized Dec. 28, 1980. Acreage--6.60 Federal: 4.15 Nonfederal: 2.45.

Contact:  
Women's Rights  
National Historic Park  
136 Fall Street  
Seneca Falls, NY 13148-1517  
315-568-2991

For Additional Information:  
[www.nps.gov/wori](http://www.nps.gov/wori)

**Project** None

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### Organizational Program

 Wrangell-St. Elias National Park and National Preserve

The Chugach, Wrangell, and St. Elias mountain ranges converge here in what is often referred to as the "mountain kingdom of North America." The national park is the largest unit of the National Park System. A day's drive east of Anchorage, the park and preserve include the continent's largest assemblage of glaciers and the greatest collection of peaks above 16,000 feet, including Mount St. Elias. At 18,008 feet it is the second highest peak in the U.S. Proclaimed Wrangell-St. Elias National Monument Dec. 1, 1978; established as a national park and national preserve Dec. 2, 1980. Wilderness designated Dec. 2, 1980. Designated a World Heritage Site Oct. 24, 1979.

## Program Summary

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11NPSWRD

### National Park Service

Acreage--National park: 8,323,617.68 Federal: 7,661,519.06 Nonfederal: 662,098.62.  
National preserve: 4,852,773.31 Federal: 4,001,173.01 Nonfederal: 851,600.30. Wilderness  
area: 8,700,000.

Contact:  
Wrangell-St. Elias  
National Park and  
Wrangell-St. Elias  
National Preserve  
P.O. Box 439  
Copper Center, AK 99573  
907-822-5234

For Additional Information:  
[www.nps.gov/wrst](http://www.nps.gov/wrst)

<b>Project</b>	WRST0001	Copper River Trout and Grayling Studies
<b>Project</b>	WRST0002	Circulation in the Gulf of Alaska by the BLM and NOAA
<b>Project</b>	WRST0003	Draft EIS on Mining by NPS Mineral Management Division-1989
<b>Project</b>	WRST0004	USGS National Uranium Resource Evaluation Data-85

### Organizational Program Wright Brothers National Memorial

The first sustained flight in a heavier-than-air machine was made here by Wilbur and Orville Wright on Dec. 17, 1903.  
Authorized as Kill Devil Hill Monument March 2, 1927; transferred from War Dept. Aug. 10, 1933; renamed and redesignated Dec. 4, 1953. Boundary change: June 23, 1959.  
Acreage--428.44 Federal: 421.81 Nonfederal: 6.63.

Contact:  
Wright Brothers National Memorial  
c/o Cape Hatteras  
National Seashore  
Route 1, Box 675  
Manteo, NC 27954-2708  
252-441-7430

For Additional Information:  
[www.nps.gov/wrbr](http://www.nps.gov/wrbr)

**Project** None

### Organizational Program Wupatki National Monument

Ruins of red sandstone pueblos built by farming Ancestral Puebloan People between 1120 and 1250 are preserved here.  
Proclaimed Dec. 9, 1924. Boundary changes: July 9, 1937; Jan. 22, 1941; Aug. 10, 1961; Nov. 12, 1996.  
Acreage--35,422.13, all federal.

Contact:  
Wupatki  
National Monument  
6400 N. Highway 89  
Flagstaff, AZ 86004  
520-679-2365

For Additional Information:  
[www.nps.gov/wupa](http://www.nps.gov/wupa)

**Project** None

# Program Summary

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## 11NPSWRD

### National Park Service

#### Organizational Program

Yellowstone National Park

Old Faithful and some 10,000 other thermal features make this the Earth's greatest geyser area. Here, too, are lakes, waterfalls, high mountain meadows, wildlife, and the Grand Canyon of the Yellowstone-all set apart in 1872 as the world's first national park.

Established March 1, 1872. Boundary changes: May 26, 1926; March 1, 1929; April 19, 1930; Oct. 20, 1932. Designated a Biosphere Reserve 1976. Designated a World Heritage Site, Sept. 6, 1978.

Acreage--2,219,790.71 Federal: 2,219,789.13 Nonfederal: 1.58.

#### Contact:

Yellowstone National Park  
P.O. Box 168  
Yellowstone National Park,  
WY 82190-0168  
307-344-7381  
(Also in Montana and Idaho)

#### For Additional Information:

[www.nps.gov/yell](http://www.nps.gov/yell)

<b>Project</b>	YELL0001	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-16
<b>Project</b>	YELL0002	WQ Impacts from Boat Discharges at Bridge Bay Marina - 1995
<b>Project</b>	YELL0003	Ecosystem Integrity and Energy Flow in Wetlands - 1995-2
<b>Project</b>	YELL0004	USGS National Uranium Resource Evaluation Data-86
<b>Project</b>	YELL0005	Trophic State Evaluation of Selected Lakes by BYU 1995-97-3

#### Organizational Program

Yosemite National Park

Granite peaks and domes rise high above broad meadows in the heart of the Sierra Nevada; groves of giant sequoias dwarf other trees and tiny wildflowers; and mountains, lakes, and waterfalls, including the nation's highest, are found here.

Yosemite Valley and Mariposa Big Tree Grove granted to State of California June 30, 1864; national park established Oct. 1, 1890; Federal Government accepted lands returned by state June 11, 1906. Boundary changes: Feb. 7, 1905; June 11, 1906; Dec. 19, 1913; May 28, 1928; April 14, 1930; Feb. 14, 1931; Aug. 13, 1932; July 9, 1937. El Portal site authorized Sept. 2, 1958. Wilderness designated Sept. 28, 1984. Designated a World Heritage Site Oct. 31, 1984.

Acreage--761,266 (does not include 1,397.99 acres composing El Portal administrative site, adjacent to park)

Federal: 759,530.15 Nonfederal: 1,735.85. Wilderness area: 677,600.

#### Contact:

Yosemite National Park  
P.O. Box 577,  
Yosemite National Park, CA 95389-0577  
209-372-0200

#### For Additional Information:

[www.nps.gov/yose](http://www.nps.gov/yose)

<b>Project</b>	YOSE0001	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-17
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#### Organizational Program

Yucca House National Monument

Ruins of these large prehistoric Indian pueblos are as yet unexcavated. NO SERVICES AVAILABLE.

Proclaimed Dec. 19, 1919. Boundary change: Nov. 12, 1996.

# Program Summary

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## National Park Service

Acreage--33.97, all federal.

Contact:  
Yucca House  
National Monument  
c/o Mesa Verde  
National Park  
P.O. Box 8  
Mesa Verde National  
Park, CO 81330-0008  
970-529-4465

For Additional Information:  
[www.nps.gov/yuho](http://www.nps.gov/yuho)

<b>Project</b>	YUHO0001	Domestic Water Analysis of Ismay Spring
<b>Project</b>	YUHO0002	USGS National Uranium Resource Evaluation Data-87
<b>Project</b>	YUHO0003	USGS Water Res. Invest. Reports 94-4041 and/or 97-4008-3

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### Organizational Program Yukon-Charley Rivers National Preserve

Located along the Canadian border in central Alaska, the preserve protects 115 miles of the 1,800-mile Yukon River and the entire Charley River basin. Numerous old cabins and relics are reminders of the importance of the Yukon River during the 1898 gold rush. The Charley, an 88-mile wild river, is considered by many to be the most spectacular river in Alaska. LIMITED FEDERAL FACILITIES.

Proclaimed Yukon-Charley National Monument Dec. 1, 1978; established as a national preserve Dec. 2, 1980.

Acreage--2,526,509.46 Federal: 2,183,133 Nonfederal: 343,376.46.

Contact:  
Yukon-Charley Rivers  
National Preserve  
201 First Avenue  
Doyon Building  
Fairbanks, AK 99701-4848  
907-547-2233

For Additional Information:  
[www.nps.gov/yuch](http://www.nps.gov/yuch)

**Project** None

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### Organizational Program Zion National Park

Colorful canyon and mesa scenery includes erosion and rock-fault patterns that create phenomenal shapes and landscapes. The elevation differences at Zion provide habitat for extremely diverse plant communities.

Mukuntuweap National Monument proclaimed July 31, 1909, incorporated in Zion National Monument by proclamation March 18, 1918. Established as a national park Nov. 19, 1919. Separate Zion National Monument proclaimed Jan. 22, 1937, incorporated in park July 11, 1956. Other boundary changes: June 13, 1930; June 3, 1941; Feb. 20, 1960; Oct. 21, 1976; Nov. 12, 1996.

Acreage--146,592.31 Federal: 143,035.07 Nonfederal: 3,557.24.

Contact:  
Zion National Park  
Springdale, UT 84767-1099  
435-772-3256

For Additional Information:  
[www.nps.gov/zion](http://www.nps.gov/zion)

## Program Summary

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### 11NPSWRD

#### National Park Service

<b>Project</b>	ZION0001	Virgin River Study by Fox and Eddy, EPA - 1976
<b>Project</b>	ZION0002	Pathogenic Naegleria fowleri & Thermotolerant Amebas Sur.-18
<b>Project</b>	ZION0003	Aquatic Resources Inventory of Virgin River Ecosystem - 1993
<b>Project</b>	ZION0004	USGS National Uranium Resource Evaluation Data-88
<b>Project</b>	ZION0005	Ground Water from Seeps and Springs in Hanging Gardens-1988
<b>Project</b>	ZION0006	Spring Discharge at Cedar Breaks NM and Zion NP - 1971-2
<b>Project</b>	ZION0007	Taylor Creek Entrance Water Supply by USGS - 1964
<b>Project</b>	ZION0008	Bacterial and Chemical Inputs to Zion NP - 1977
<b>Project</b>	ZION0009	WQ of Surface Water in the Upper Virgin River Basin - 1985

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## Program Summary

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**21ARIZ**

### Arizona Department of Environmental Quality

**Organizational Program** Surface Water Program

<b>Project</b>	BIO	BIOCRITERIA
<b>Project</b>	CLP	CLEAN LAKES PROGRAM
<b>Project</b>	FSN	FIXED STATION NETWORK
<b>Project</b>	INS	INTENSIVE SURVEY
<b>Project</b>	SEM	STREAM ECOSYSTEM MONITORING
<b>Project</b>	TMD	TMDL MONITORING

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## Program Summary

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### 21CAOCSD Orange County Sanitation District California

**National Program** Chesapeake Bay Nutrient Clean-up  
This multi-org program includes Projects from all the Commission Cooperating Organizations which deal with the nutrient control in the Chesapeake Bay.

<b>Project</b>	BASIN	WATERSHED RESTORATION ACTION PLAN : QAPP 319(h) MONITORING
<b>Project</b>	BC1994	Bear Creek Watershed Association Water Quality Monitoring Pr
<b>Project</b>	CBCP-001	Water Quality and Biological Health of the Chesapeake Bay
<b>Project</b>	ISWQN	Interstate Stream Water Quality Network
<b>Project</b>	PRJ-001	Sediment Chemistry
<b>Project</b>	WW2003	Wastewater Treatment Plants 2003

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**Organizational Program** OCSD Ocean Monitoring Program  
The District conducts ocean monitoring to evaluate the effects from discharges of treated wastewater to the ocean, approximately 5 miles offshore Huntington Beach and Newport Beach, California. The extensive program is intended to evaluate the environmental effects of discharging treated effluent to marine waters. Based on findings from the program, existing wastewater treatment and source control programs can be modified, as appropriate, to ensure protection of the marine environment and public health, as well as to fulfill permit requirements under Section 301(h) of the Clean Water Act.

**Project** None

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## Program Summary

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**21DCBAWQ**      **District of Columbia Dept of Health, Water Quality Division**

**Organizational Program**      Water Quality Monitoring Program

**Project**      None

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# Program Summary

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## 21FLA FL Dept. of Environmental Protection

**Organizational Program** The Florida Department of Environmental Protection

The Florida Department of Environmental Protection is a governmental agency committed to the protection of Florida's unique ecosystems. Operating within the guidelines of Florida State statute 62-40.540 "Water Data". The Department follows the provision that states: All local governments, water management districts, and state agencies are directed by Section 373.026(2), F.S., to cooperate with the Department in making available to the Department such scientific or factual data as they may possess. The Department shall prescribe the format and ensure the quality control for all water quality data collected or submitted.

Data collected and stored in the STORET database will be used as a primary means of producing the 305b Report and the formulation of TMDL's for Florida's watersheds

<b>Project</b>	AMBIENT	Ambient water quality sampling
<b>Project</b>	PLUMMER	Plummer Creek
<b>Project</b>	SCIREF	Stream Condition Index Program Reference Sites
<b>Project</b>	TMDL	Total Maximum Daily Load

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## Program Summary

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### 21FLBFA FL Dept. of Environmental Protection

**Organizational Program** Bream Fisherman Association

Volunteer Ambient Water Quality Monitoring

**Project** BIGLAGON BIG LAGOON & OLD RIVER

**Project** PENBAY Pensacola Bay / East Bay/Lwer Esc.River

**Project** PNSURB Pensacola Urban Sampling Trip

**Project** SSRRUN Santa Rosa Sound

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## Program Summary

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### **21FLBROW      Broward Co Dept of Natural Resource Protection (Florida)**

**Organizational Program**    Surface Water Quality Monitoring

The testing of county waterways for chemical, microbiological, physical and biological parameters to evaluate general water quality, identify trends and evaluate effectiveness of water quality improvement programs.

**Project**    PROJ-001      Surfacewater Quality Monitoring Network

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## Program Summary

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**21FLCMP**

**FL Dept. of Environmental Protection**

**Organizational Program** Okaloosa County Environmental Council

Environmental Council to the Okaloosa County Board of Commissioners

AquaLab Program Volunteer Ambient Monitoring Group

Sampling of waters in and around the Choctawhatchee Bay Area

**Project** FLCMP Okaloosa County Environmental Council Water Quality

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## Program Summary

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### 21FLDADE Dade Environmental Resource Management (Florida)

**Organizational Program** Biscayne Bay Water Quality

The Biscayne Bay Surface Water Quality Monitoring Program is an ongoing routine surface water quality sampling program for Biscayne Bay and its watershed canals. The program began in 1979 with less than 50 stations and has grown in both size and scope. It presently includes monthly surface water sampling for a variety of physical, chemical, and microbiological parameters at over 100 stations throughout Miami-Dade County.

**Project** None

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**Organizational Program** General Canal Surfacewater Monitoring

The General Canal Water Quality Monitoring Program was a routine surface water quality sampling program for Miami-Dade watershed canals. Data was collected from 1989 to 1996 when the program was merged with the Biscayne Bay Surface Water Quality Monitoring Program.

**Project** None

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# Program Summary

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## 21FLEECO

### Lee County (Florida)

#### Organizational Program

Lee County Ambient Surfacewater Monitoring Program

Lee County's Ambient monitoring program started in 1989 with five sites to monitor changes with in Sixmile Cypress Slough and has grown to over one hundred sites with monthly sampling. The purpose of this program is to monitor, document and report water quality changes throughout Lee County. This water quality information will then be used to identify areas of concern so that management decisions can be made regarding water quality improvement projects

<b>Project</b>	BEACH	Lee County's Bathing Beach Monitoring Program
<b>Project</b>	BIGHICK	Big Hickory Pass Monitoring
<b>Project</b>	ESTURINF	Lee County's Esturine Fixed Station Program
<b>Project</b>	FRESHF	Lee County's Freshwater Fixed station program

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## Program Summary

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**21FLFMRI**

**Florida Fish & Wildlife C C / Marine Research Institute**

**Organizational Program** IMAP

Inshore Marine Monitoring and Assessment Program - Florida esturine water quality sampling.

**Project** IMAP Inshore Marine Monitoring and Assessment Program  
(IMAP)

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## Program Summary

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21FLFTM

### Florida Department of Environmental Protection

<b>Organizational Program</b>	AMBIENT WATER QUALITY PROGRAM	
<b>Project</b>	CALOOSA	CALOOSAHATCHEE RIVER
<b>Project</b>	GAPS	GAPS
<b>Project</b>	LAKES	Lakes project
<b>Project</b>	PRAIRIE	Prairie creek study
<b>Project</b>	STORM	storm event sampling
<b>Project</b>	STREAM	streams
<b>Project</b>	WETDET	wet detention

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## Program Summary

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### 21FLGCWW      **Gilchrist County Well Watch (Florida)**

**Organizational Program**      Wells and Springs

Wells and springs sampled by GES

**Project**      WR00      Miscellaneous private wells and springs

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## Program Summary

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### 21FLHILL Hillsborough County Environmental (Florida)

**Organizational Program** Monitoring and Analysis Section  
Ambient surface water monitoring for Hillsborough County, compliance monitoring,  
miscellaneous pollution investigations

<b>Project</b>	RUN 1	WQM Run 1- Old Tampa Bay
<b>Project</b>	SWQ	Ambient Surface Water Monitoring

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## Program Summary

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**21FLKWAT**

**Florida LAKEWATCH**

**Organizational Program** Volunteer Water Quality Monitoring Program

**Project** LW\_V Volunteer Water Quality Monitoring Program

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## Program Summary

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### 21FLLOX      Loxahatchee River District (Florida)

**Organizational Program**    Loxahatchee River Watershed  
Stormwater monitoring

**Project**    SW      Loxahatchee River Watershed Stormwater Project

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**Organizational Program**    RiverKeeper

**Project**    RK      RiverKeeper Water Quality Monitoring

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## Program Summary

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### 21FLLOXB Loxahatchee River District (Florida)

**Organizational Program** RiverKeeper Macroinvertebrates

Profile of Benthic Macroinvertebrates in the Loxahatchee River Estuary and fresh water profile from HD.

**Project** ESTU-MAC RiverKeeper Estuary Macroinvertebrates

**Project** FRES-MAC RiverKeeper Fresh Water Macroinvertebrates

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# Program Summary

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## 21FLMANA Manatee County Environmental Management Dept (Florida)

### Organizational Program Regional Ambient Water Quality Monitoring Program

The Environmental Management Department's ambient water quality monitoring program for Manatee County's estuarine waters is the Regional Ambient Monitoring Program (RAMP). It uses EPA's EMAP stratified random sampling design to infer water quality trends on an areal basis.

Manatee County RAMP divides the County's lower estuarine area into 2 segments of 24, 3.56km<sup>2</sup> hexagonal sampling areas each. The north segment encompasses lower Tampa Bay north of the Manatee River mouth and south of the County line, Terra Ceia Bay, and the lower Manatee River below the Braden River confluence. The south segment includes Anna Maria Sound and adjoining parts of lower Tampa Bay, Palma Sola Bay, and Sarasota Bay north of the county line.

Sampling points were randomly located within each hexagon at the start of the program. A hexagonal sampling area was included in the program if the sampling point was at least 4ft deep by the nautical chart and verified during program reconnaissance. One-third of the sampling points in each segment, eight points, are sampled monthly. All sampling points in a segment are visited within each calendar quarter. Inferences on ambient water quality trends for each segment are made on quarterly time scales.

**Project** RAMP RAMP

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### Organizational Program Special Water Quality Monitoring Programs

A variety of special water quality studies have been conducted on an 'as-needed' basis. These programs are generally of short duration and/or of limited geographical scope.

**Project** BISHOP Bishop Harbor Water Quality Monitoring Program

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### Organizational Program Surface Water Ambient Monitoring Program

The Environmental Management Department's Surface Water Ambient Monitoring Program (SWAMP) is the ambient water quality monitoring program for the County's watersheds, rivers, and tidal creeks. The program uses a conventional, fixed-station design where all stations are sampled monthly.

Stations in the Evers Reservoir watershed are from a cooperative water quality study involving the County, the City of Bradenton, and the USGS. Prior data commitments in the this watershed and physical constraints at many stations cause the variable set for this program to vary considerably between watersheds.

The Manatee County Public Works Department's operates its own extensive monitoring network in the Lake Manatee Watershed. Discussions have been underway with the Public Works as to how EMD Lake Manatee Watershed stations may be relocated to complement the Public Works program.

**Project** EVERS Evers  
**Project** MYAKKA Myakka TMDL  
**Project** SWAMP SWAMP

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## Program Summary

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**21FLMCGL**      **McGlynn Laboratories, Inc**  
**Organizational Program**    McGlynn Laboratories, Inc  
**Project**      None

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# Program Summary

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## 21FLNWF North Florida Water District

**Organizational Program** SWIM (Surface Water Improvement and Management)

The SWIM programs should involve three major phases: (1) development of a priority list of waterbodies of regional or statewide significance, (2) development of management plans for the waterbodies in priority order, and (3) implementation of the management plans.

<b>Project</b>	NWF01	St. Marks River Watershed Baseline Bio. & W.Q. Assessment
<b>Project</b>	NWF02	Pensacola Tributary Monitoring WQ Sampling
<b>Project</b>	NWF03	Econfina Creek Tracts-Land Management Program
<b>Project</b>	NWF04	Habitat Restoration & Best Manag. Practices-Sand Hill Lakes
<b>Project</b>	NWF09	Megginnis Arm Basin Diagnosis Project

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## Program Summary

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**21FLORAN**      **Orange County Environmental Protection (Florida)**

**Organizational Program**    AMB  
   Ambient Monitoring Program

**Project**            None

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## Program Summary

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**21FLPBCH**

### **Palm Beach County Environmental Resources Managemnt(Florida)**

**Organizational Program**

Palm Beach County Ambient Water Quality Monitoring Program

Ambient water quality monitoring conducted by Palm Beach County Environmental Resources Management Department within canals, lakes and the Lake Worth Lagoon. The ambient water quality monitoring program consists of historical data of monitoring sites since 1975 and sites currently required by NPDES Permit FLS000018. The original monitoring site locations were selected by the Palm Beach County Health Department and later redesigned by Palm Beach County Department of Environmental Resources Manegment.

**Project** None

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## Program Summary

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### 21FLPCSW      **PROJECT COAST - Southwest Florida Water Management District**

**Organizational Program**    Project COAST Water Quality Monitoring

**Project**    PRJCOAST    Project COAST Water Quality Monitoring

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## Program Summary

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### 21FLPDEM Pinellas County Dept. of Environmental Management (Florida)

**Organizational Program** Ambient NPDES

**Project** None

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**Organizational Program** EMAP Environmental Monitoring Assessment Program

**Project** EMAP Environmental Monitoring Assessment Program

---

**Organizational Program** Lake Seminole Stormwater Pond

Pond system designed to test the efficiency of pollutant removal.

**Project** LSSWP Lake Seminole Stormwater Pond

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**Organizational Program** Randomized Surface Water Monitoring Program

The goals for the water quality sampling program are stated as follows:

Support the efforts to maintain or improve water quality in the open-water receiving water bodies of the County.

Determine the status and trends of water quality in the County receiving waters.

**Project** AMB 002 Randomized Station Ambient Program

---

**Organizational Program** Surface Water Ambient Monitoring Program

In accordance with the Pinellas County Comprehensive Plan, this program was designed to conserve, protect and restore the quality of county waters through monthly screening of each watershed in the county.

**Project** AMB 001 Pinellas County Surface Water Ambient Monitoring Program

**Project** AMB 002 Randomized Station Ambient Program

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**Organizational Program** Tampa Bay National Estuary Program

**Project** EMAP Environmental Monitoring Assessment Program

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## Program Summary

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### 21FLPNS

### Florida Department of Environmental Protection

**Organizational Program** Submerged Land Environmental Resource Permitting (SLERP)  
Sampling related to D&F (dredge and fill ) permitting

**Project** None

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**Organizational Program** Water Facilities  
Sample events associated with point sources

**Project** TMDL (TMDL) Total Maximun Daily Load

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**Organizational Program** Watershed Management  
Surface watershed management for water quality and biological integrity of area surface waters

**Project** APALACHA Apalachicola River and Bay Bacteria Monitoring

**Project** BIOREF Panhandle Bioregion Reference Streams

**Project** OUTLOOK Water Quality Outlook

**Project** PERDGRNT Perdido Bay Grant Project

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## Program Summary

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### 21FLPOLK Polk County Water Resources (Florida)

#### Organizational Program Ambient Lake and Stream Monitoring Program

This program is to monitor public access lakes in Polk County. Streams were later added to the program to get a base line of the water quality.

<b>Project</b>	B	Banana Lake System
<b>Project</b>	BQ	Banana Quarterly Sampling
<b>Project</b>	CA	Lake Cannon Project
<b>Project</b>	DPF	Drainage Project - Frostproof area
<b>Project</b>	HA	Lake Hancock Monitoring
<b>Project</b>	HA	Hancock
<b>Project</b>	IW	Impaired Waters
<b>Project</b>	IWS	Impaired Waters Streams
<b>Project</b>	L	Lake Monitoring
<b>Project</b>	L1	Lake Group 1
<b>Project</b>	L105	Quarterly Lake Group 1
<b>Project</b>	L2	Lake Group 2
<b>Project</b>	L205	Quarterly Lake Group 2
<b>Project</b>	L3	Lake Group 3
<b>Project</b>	L305	Quarterly Lake Group 3
<b>Project</b>	L4	Lake Group 4
<b>Project</b>	LRL1	Lake Region Lakes Group 1
<b>Project</b>	LRL2	Lake Region Lakes Group 2
<b>Project</b>	LRL3	Lake Region Lakes Group 3
<b>Project</b>	PCR	Peace Creek & River Quarterly
<b>Project</b>	SG1	Stream Group 1
<b>Project</b>	SG105	Stream Quarterly Group 1
<b>Project</b>	SG2	Stream Group 2
<b>Project</b>	SG205	Stream Quarterly Group 2
<b>Project</b>	SG3	Stream Group 3
<b>Project</b>	SG305	Stream Quarterly Group 3
<b>Project</b>	SG4	Stream Group 4
<b>Project</b>	SR	Stream/Rivers
<b>Project</b>	SWFL	SWFWMD Sampling Group
<b>Project</b>	TMDL	TMDL monitoring

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## Program Summary

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**21FLSARA**      **Sarasota County Environmental Services (Florida)**

**Organizational Program**      Surface Water Ambient Monitoring

Contractor samples random locations monthly for standard parameters in coastal bays and the tidal portion of the Myakka River.

**Project**      None

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## Program Summary

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**21FLSEM**

### **Seminole County (Florida)**

**Organizational Program** Water Quality Monitoring Program

**Project** AUTO-YSI Automated YSI Water Quality Data Collection

**Project** WQ Quarterly Water Quality Monitoring

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## Program Summary

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### 21FLSWFD

### Southwest Florida Water Management District

**Organizational Program** SWFWMD Water Quality Monitoring Networks

Descriptions for each monitoring network are given in each respective project description.

<b>Project</b>	FSWQMN	Flatford Swamp Water Quality Monitoring Network
<b>Project</b>	P108	Stream Water Quality Monitoring
<b>Project</b>	P248	Freshwater Streams - Minimum Flows and Levels
<b>Project</b>	W481	Lake Panasoffkee Restoration Council Implementation
<b>Project</b>	W527	Peace River Water Quality Monitoring
<b>Project</b>	W528	Myakka River Water Quality Monitoring

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## Program Summary

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**21FLTBW Tampa Bay Water**

**Organizational Program** Hydrobiological Monitoring Programs

**Project** None

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## Program Summary

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**21FLTPA**                      **Florida Department of Environmental Protection**

**Organizational Program**    Watershed Management Program  
Laboratories, surface and groundwater quality monitoring, team permitting, pollution prevention, DRI reviews, restoration and technical assistance functions.

**Project**                      None

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## Program Summary

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### 21FLVEMD Volusia County Environmental Health Lab (Florida)

**Organizational Program** Halifax River Environmental Assessment

**Project** None

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**Organizational Program** Mosquito Lagoon

This project is a combination of ambient water sampling conducted on the third Monday and Tuesday of every month. The first day consists of 10 stations; collection and analyses are conducted by Volusia County Environmental Health Laboratory. The second day involves a special study performed under contract from St. Johns River Water Management District. Sample collection is performed by VCEHL and analyses are contracted by SJRWMD to a contract laboratory of their choice.

**Project** None

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**Organizational Program** St. Johns River Environmental Monitoring

This project consists of three days of surface water monitoring.

**Project** None

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## Program Summary

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**21FLWPB**                      **Florida Department of Environmental Protection**

**Organizational Program**    Southeast District FDEP

**Project**                      None

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## Program Summary

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### 21FLWQA Florida Department of Environmental Protection

**Organizational Program** Total Maximum Daily Load (TMDL) Program  
Responsible for TMDLs, watershed assessment, and watershed water quality monitoring.

<b>Project</b>	APABAY	Apalachicola Bay TMDL
<b>Project</b>	APALACH	Apalachicola River TMDL
<b>Project</b>	AUCILLA	Aucilla River TMDL
<b>Project</b>	CHIPOLA	Chipola River TMDL
<b>Project</b>	ECONFEN	Econfina-Fenholloway TMDL
<b>Project</b>	HILLSBOR	Hillsborough River TMDL
<b>Project</b>	LOWSUW	Lower Suwannee TMDL
<b>Project</b>	MIDSJR	Middle St. Johns River TMDL
<b>Project</b>	MYAKKA	Myakka River TMDL
<b>Project</b>	NAS/MARY	Nassau/St. Marys River TMDL
<b>Project</b>	OCHLOCK	Ochlockonee River TMDL
<b>Project</b>	OKEE	Lake Okeechobee TMDL
<b>Project</b>	SANTAFE	Santa Fe River TMDL
<b>Project</b>	STMARKS	St. Marks River TMDL
<b>Project</b>	TAMPABAY	Tampa Bay TMDL
<b>Project</b>	TAYLORCK	Taylor Creek TMDL
<b>Project</b>	UPSUW	Upper Suwannee TMDL

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## Program Summary

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**21HI**

### Hawaii Dept. of Health

**Organizational Program** Microbiological Monitoring Program  
Monitoring by Island

**Project** OAHU01 Kuhio run  
**Project** OAHU09 remaining stations

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# Program Summary

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21IOWA

## Iowa Dept. of Natural Resources

### Organizational Program

Agricultural Drainage Well Closure: Floyd County

This program will monitor and document groundwater quality improvements resulting from the closure of three agricultural drainage wells (ADWs) in central Floyd County. These ADWs discharge nonpoint source pollutants from agricultural tile drainage and some runoff into the three-part (upper, middle and lower) Devonian carbonate aquifer system. Two of the ADWs proposed for closure are 65 feet deep and are injecting water into the upper Devonian aquifer while the third ADW is over 300 feet deep and is injecting water into all three of the aquifers. As of August 1994, closure plans for two additional ADWs near the proposed area of study have been reviewed and approved. One of these wells is over 300 feet deep and is relatively near the other deep well. This affords an opportunity to monitor the effects of five ADW closures: two deep (>300 feet) ADWs as well as three shallower ADWs in the Devonian aquifer system. In this area the Devonian aquifers are covered with over 50 feet of low permeability materials and past investigations have shown that groundwaters in such areas are naturally protected from agricultural contaminants.

<b>Project</b>	ADW1995	Ag Drainage Well Closure Project (Floyd Co.) WY1995
<b>Project</b>	ADW1996	Ag Drainage Well Closure Project (Floyd Co.) WY1996
<b>Project</b>	ADW1997	Ag Drainage Well Closure Project (Floyd Co.) WY1997
<b>Project</b>	ADW1998	Ag Drainage Well Closure Project (Floyd Co.) WY1998

### Organizational Program

Cedar Rapids Intensive Urban Water Quality Study

The purpose of this program is to measure the daily variability of water quality through time in two urban streams in the Cedar Rapids area - McCloud Run and Indian Creek. Both streams are monitored by the City of Cedar Rapids Water Pollution Control as part of their storm water monitoring program. The daily monitoring will supplement the storm water monitoring being conducted on these two streams by the City of Cedar Rapids. Variability of pesticides, nitrogen, phosphorus and bacteria will be evaluated through a 96-day period including part or all of May, June, July, and August.

<b>Project</b>	URB2002	Cedar Rapids Intensive Urban Water Quality Study 2002
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### Organizational Program

Floyd and Mitchell Counties Water Quality Program

The hydrogeology and groundwater quality of Floyd and Mitchell counties, Iowa, has been studied by the Department of Natural Resources, Geological Survey Bureau since 1982. Initially, these studies were part of a series of hydrogeologic studies on karst-carbonate aquifers of northeast Iowa. They have concentrated on the occurrence of nitrates and pesticides in groundwater supplies in Floyd and Mitchell counties. This research assessed the groundwater quality in different hydrogeologic settings and the impact of agricultural drainage wells on the groundwater quality of Devonian carbonate aquifers in the area.

<b>Project</b>	FM1993	Floyd Mitchell Groundwater Project WY1993
<b>Project</b>	FM1994	Floyd Mitchell Groundwater Project WY1994
<b>Project</b>	FM1999	Floyd Mitchell Groundwater Project WY1999
<b>Project</b>	FM2000	Floyd Mitchell Groundwater Project WY2000
<b>Project</b>	FM2001	Floyd Mitchell Groundwater Project WY2001
<b>Project</b>	FM2002	Floyd Mitchell Groundwater Project WY2002
<b>Project</b>	FM2003	Floyd Mitchell Groundwater Project WY2003

### Organizational Program

Iowa's Ambient Water Monitoring Program

This program is the state-wide ambient monitoring program for Iowa's surface, groundwater, lake, and wetland resources. It is administered by the Geological Survey Bureau of the Iowa Department of Natural Resources. Funding is provided by the Rebuild Iowa Infrastructure Fund.

<b>Project</b>	AMB1999	Ambient Surface Water Monitoring FY99
<b>Project</b>	AMB2000	Enhanced Ambient Surface Water Monitoring FY00
<b>Project</b>	AMB2001	Enhanced Ambient Surface Water Monitoring FY01
<b>Project</b>	AMB2002	Enhanced Ambient Surface Water Monitoring FY02

## Program Summary

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21IOWA

### Iowa Dept. of Natural Resources

<b>Project</b>	AMB2003	Enhanced Ambient Surface Water Monitoring FY03
<b>Project</b>	AMB2004	Enhanced Ambient Surface Water Monitoring FY04
<b>Project</b>	AMB2005	Enhanced Ambient Surface Water Monitoring FY05
<b>Project</b>	AMB2006	Enhanced Ambient Surface Water Monitoring FY06
<b>Project</b>	BEA1999	Beach Monitoring at 12 State-Owned Beaches during 1999
<b>Project</b>	BEA2000	Beach Monitoring at 31 State-Owned Beaches during 2000
<b>Project</b>	BEA2001	Beach Monitoring at 35 State-Owned Beaches during 2001
<b>Project</b>	BEA2002	Beach Monitoring at 36 State-Owned Beaches during 2002
<b>Project</b>	BEA2003	Beach Monitoring at 34 State-Owned Beaches during 2003
<b>Project</b>	BEA2006	Beach Monitoring at 34 State-Owned Beaches during 2006
<b>Project</b>	CITY2000	Upstream and Downstream Assessment of Interior Cities FY00
<b>Project</b>	CITY2001	Upstream and Downstream Assessment of Interior Cities FY01
<b>Project</b>	CITY2002	Upstream and Downstream Assessment of Interior Cities FY02
<b>Project</b>	CITY2003	Upstream and Downstream Assessment of Interior Cities FY03
<b>Project</b>	CITY2004	Upstream and Downstream Assessment of Interior Cities FY04
<b>Project</b>	CITY2005	Upstream and Downstream Assessment of Interior Cities FY05
<b>Project</b>	EVE2001	Event Monitoring - Enhanced Ambient Monitoring Program FY01
<b>Project</b>	EVE2002	Event Monitoring - Enhanced Ambient Monitoring Program FY02
<b>Project</b>	EVE2003	Event Monitoring - Enhanced Ambient Monitoring Program FY03
<b>Project</b>	EVE2004	Event Monitoring - Enhanced Ambient Monitoring Program FY04
<b>Project</b>	EVE2005	Event Monitoring - Enhanced Ambient Monitoring Program FY05
<b>Project</b>	EVE2006	Event Monitoring - Enhanced Ambient Monitoring Program FY06
<b>Project</b>	IDNR-001	Historical Ambient Surface Water Monitoring 1986-1999
<b>Project</b>	TEVE2004	Event Monitoring for Total Maximum Daily Load Program FY2004

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#### Organizational Program   Sny Magill Nonpoint Source Pollution Monitoring Program

Since October 1991, a consortium of local, state, and federal agencies has been monitoring the water quality of Sny Magill and Bloody Run creeks in Clayton County, Iowa, as part of the Sny Magill Watershed Nonpoint Source Pollution Monitoring Project. The objective of this project is to monitor and assess improvements in water quality resulting from the implementation of two special water-quality projects designed to improve farm management practices in the Sny Magill watershed: the Sny Magill Hydrologic Unit Area project and the North Cedar Creek Agricultural Conservation Program-Special Water Quality Project. North Cedar Creek is a tributary to Sny Magill Creek. The Sny Magill Nonpoint Source Pollution Monitoring Project is part of the EPA's National Monitoring Program, designed to document the measureable water-quality improvements resulting from nonpoint source control. Twenty to thirty watersheds nationwide will be monitored over a 10-year period.

## Program Summary

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### 21IOWA

#### Iowa Dept. of Natural Resources

<b>Project</b>	SNY1992	Sny Magill Section 319 Monitoring Project WY1992
<b>Project</b>	SNY1993	Sny Magill Section 319 Monitoring Project WY1993
<b>Project</b>	SNY1994	Sny Magill Section 319 Monitoring Project WY1994
<b>Project</b>	SNY1995	Sny Magill Section 319 Monitoring Project WY1995
<b>Project</b>	SNY1996	Sny Magill Section 319 Monitoring Project WY1996
<b>Project</b>	SNY1997	Sny Magill Section 319 Monitoring Project WY1997
<b>Project</b>	SNY1998	Sny Magill Section 319 Monitoring Project WY1998
<b>Project</b>	SNY1999	Sny Magill Section 319 Monitoring Project WY1999
<b>Project</b>	SNY2000	Sny Magill Section 319 Monitoring Project WY2000
<b>Project</b>	SNY2001	Sny Magill Section 319 Monitoring Project WY2001

#### Organizational Program Total Maximum Daily Load Monitoring

This program encompasses the monitoring conducted as part of the state's Total Maximum Daily Load (TMDL) activities. It includes data on all water resources defined as impaired by the 303d list including surface water, lakes, and wetlands. It is administered by the Environmental Protection Division of the Iowa Department of Natural Resources. Funding for monitoring is provided through the U.S. Environmental Protection Agency.

<b>Project</b>	TEVE2001	Event Monitoring for Total Maximum Daily Load Program
<b>Project</b>	TMDL2001	Total Maximum Daily Load Monitoring for Fiscal Year 2001
<b>Project</b>	TMDL2002	Total Maximum Daily Load Monitoring for Fiscal Year 2002
<b>Project</b>	TMDL2003	Total Maximum Daily Load Monitoring for Fiscal Year 2003
<b>Project</b>	TMDL2004	Total Maximum Daily Load Monitoring for Fiscal Year 2004
<b>Project</b>	TMDL2005	Total Maximum Daily Load Monitoring for Fiscal Year 2005

## Program Summary

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**21KAN001**

### **Kansas Dept. of Health & Environment**

<b>Organizational Program</b>	Bureau of Environmental Field Services Monitoring Program	
<b>Project</b>	GW	Kansas State Ambient Groundwater Water Quality Monitoring
<b>Project</b>	LM	Kansas State Ambient Lake Water Quality Monitoring
<b>Project</b>	SB	Kansas State Biological Monitoring Program
<b>Project</b>	SC	Kansas State Ambient Surface Water Quality Monitoring

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## Program Summary

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**21NC01WQ**

**NCDENR-DWQ**

**Organizational Program**

NCAMS

NC Division of Water Quality Ambient Monitoring System

**Project**

NCAMS

NC DWQ Ambient Monitoring System

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## Program Summary

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**21NC02WQ**      **NCDENR-DWQ (2nd)**

**Organizational Program**    NCAMS

North Carolina Division Of Water Quality- Ambient Monitoring System

**Project**    NCAMBNT      NC Ambient Monitoring System- MODERN

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## Program Summary

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### 21NEB001                      Nebraska Dept. of Environmental Quality

<b>Organizational Program</b>	AMBIENT BIOLOGICAL NETWORK		
	FISH AND MACROINVERTEBRATE SAMPLING DONE FROM 1985 TO PRESENT ON STREAMS STATEWIDE		
<b>Project</b>	01092002	STATION LOCATIONS TRANSFERRED FROM EXISTING STORET INFO.	
<b>Project</b>	205(J)	BIOLOGICAL STREAM CHARACTERIZATION	
<hr/>			
<b>Organizational Program</b>	AMBIENT CHEMICAL STREAM MONITORING NETWORK		
	ONGOING STREAM MONITORING NETWORK		
<b>Project</b>	01092002	STATION LOCATIONS TRANSFERRED FROM EXISTING STORET INFO.	
<b>Project</b>	03291999	AMBIENT PESTICIDE/BACTERIA/NUTRIENT STUDIES	
<b>Project</b>	AMBPEST	AMBIENT PESTICIDE, BACTERIA AND NUTRIENT PROJECT	
<b>Project</b>	STREAMS	Ambient Chemical Stream Monitoring Network	Document/Graphic
<hr/>			
<b>Organizational Program</b>	AMBIENT PESTICIDE, BACTERIA AND NUTRIENT MONITORING STATEWIDE MONITORING		
<b>Project</b>	01092002	STATION LOCATIONS TRANSFERRED FROM EXISTING STORET INFO.	
<b>Project</b>	03291999	AMBIENT PESTICIDE/BACTERIA/NUTRIENT STUDIES	
<b>Project</b>	STREAMS	Ambient Chemical Stream Monitoring Network	Document/Graphic
<hr/>			
<b>Organizational Program</b>	LAKES PROGRAM		
	ALL LAKE MONITORING ACTIVITY IN STATE		
<b>Project</b>	0069	GLEN CUNNINGHAM & STANDING BEAR LAKE WATERSHED MONITORING	
<b>Project</b>	01092002	STATION LOCATIONS TRANSFERRED FROM EXISTING STORET INFO.	
<b>Project</b>	19-026-0	Pauls Lake Project	
<b>Project</b>	19260074	Zorinsky Lake NPS Monitoring	
<b>Project</b>	19260075	Pre-Project NPS Lake Monitoring	
<b>Project</b>	19260076	Basin NPS Lake Monitoring	
<b>Project</b>	19260077	Post-Project NPS Lake Monitoring	
<b>Project</b>	19260916	Wildwood Lake NPS Monitoring	
<b>Project</b>	75260036	Clean Lakes Water Quality Assessment	
<b>Project</b>	7526036A	Clean Lakes Classification and Water Quality Assessment	
<b>Project</b>	LAKES	Lakes monitored during 1999 and later	
<hr/>			
<b>Organizational Program</b>	NONPOINT SOURCE MONITORING PROGRAM		
	STATEWIDE NONPOINT SOURCE WATER QUALITY MONITORING AND ASSESSMENT		
<b>Project</b>	0069	GLEN CUNNINGHAM & STANDING BEAR LAKE WATERSHED MONITORING	
<b>Project</b>	01092002	STATION LOCATIONS TRANSFERRED FROM EXISTING STORET INFO.	
<b>Project</b>	19-026-0	Pauls Lake Project	
<b>Project</b>	19260069	NPS Watershed Assessment	
<b>Project</b>	19260074	Zorinsky Lake NPS Monitoring	
<b>Project</b>	19260075	Pre-Project NPS Lake Monitoring	
<b>Project</b>	19260916	Wildwood Lake NPS Monitoring	

## Program Summary

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21NEB001

### Nebraska Dept. of Environmental Quality

<b>Project</b>	75260036	Clean Lakes Water Quality Assessment
<b>Project</b>	BIOLOGIC	BIOLOGIC MONITORING/Rapid Bioassessment
<b>Project</b>	STREAMS	Ambient Chemical Stream Monitoring Network

Document/Graphic

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**Organizational Program** REMAP

EPA BIOLOGICAL STREAM STUDY

<b>Project</b>	BIOLOGIC	BIOLOGIC MONITORING/Rapid Bioassessment
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**Organizational Program** WETLANDS MONITORING PROGRAM

WETLANDS MONITORING IN STATE

<b>Project</b>	01092002	STATION LOCATIONS TRANSFERRED FROM EXISTING STORET INFO.
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<b>Project</b>	WETLAND	WETLANDS MONITORING PROJECT
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# Program Summary

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**21NJDEP1**

## NJ Department of Environmental Protection

<b>Organizational Program</b>	BFBM 303(d) Elevated Flow Metals Monitoring	
<b>Project</b>	None	
<hr/>		
<b>Organizational Program</b>	BFBM Ambient Biomonitoring Network (AMNET)	
<b>Project</b>	AMNETAC1 AMNET Atlantic Coastal - Round 1	
<b>Project</b>	AMNETAC2 AMNET Atlantic Coastal - Round 2	
<b>Project</b>	AMNETLD1 AMNET Lower Delaware - Round 1	
<b>Project</b>	AMNETLD2 AMNET Lower Delaware Round 2	
<b>Project</b>	AMNETNE1 AMNET Northeast Basin Round 1	
<b>Project</b>	AMNETNE2 AMNET Northeast Basin Round 2	
<b>Project</b>	AMNETNE3 AMNET Northeast Basin Round 3	
<b>Project</b>	AMNETR1 AMNET Raritan Basin Round 1	
<b>Project</b>	AMNETR2 AMNET Raritan Basin Round 2	
<b>Project</b>	AMNETR3 AMNET Raritan Basin Round 3	
<b>Project</b>	AMNETUD1 AMNET Upper Delaware Round 1	
<b>Project</b>	AMNETUD2 AMNET Upper Delaware Round 2	
<b>Project</b>	AMNETUD3 AMNET Upper Delaware Round 3	
<hr/>		
<b>Organizational Program</b>	BFBM Ambient Lake Water Quality Monitoring Network	
<b>Project</b>	LAKE2004 Lakes Monitoring Project	Document/Graphic
<b>Project</b>	LAKE2005 Ambient Lake Monitoring Network 2005	Document/Graphic
<hr/>		
<b>Organizational Program</b>	BFBM Ambient Stream Water Temperature Monitoring Program	
	Through continuous warm weather monitoring develop a water temperature database that will define critical high summer water temperatures is a variety of New Jersey streams.	
<b>Project</b>	TEMP2005 Ambient Stream Water Temperature Monitoring FY2005/FY2006	Document/Graphic
<hr/>		
<b>Organizational Program</b>	BFBM Ambient Surface Water Monitoring Network (ASMN)	
<b>Project</b>	DEP-USGS DEP-USGS Ambient Stream Water Quality Monitoring Network	Document/Graphic
<b>Project</b>	SUMBACT Summer Bacteria Monitoring	
<hr/>		
<b>Organizational Program</b>	BFBM Drought Water Quality Monitoring	
<b>Project</b>	DROUGHT Drought Chemical Water Quality Monitoring Program FY02 & 03	Document/Graphic
<hr/>		
<b>Organizational Program</b>	BFBM Existing Water Quality Network (EWQ)	
<b>Project</b>	EWQ Existing Water Quality (EWQ)	Document/Graphic
<hr/>		
<b>Organizational Program</b>	BFBM Fish Index of Biotic Integrity Network (FIBI)	
<b>Project</b>	FIBI2000 Fish IBI 2000	
<b>Project</b>	FIBI2001 Fish IBI 2001	
<b>Project</b>	FIBI2002 Fish IBI 2002	Document/Graphic
<b>Project</b>	FIBI2003 Fish IBI 2003	Document/Graphic
<hr/>		
<b>Organizational Program</b>	BFBM Round Valley and Spruce Run Reservoir Monitoring	
<b>Project</b>	RV/SR Round Valley/Spruce Run Reservoir Monitoring Project	Document/Graphic

## Program Summary

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### 21NJDEP1 NJ Department of Environmental Protection

<b>Organizational Program</b>	BFBM Special Monitoring Projects		
<b>Project</b>	None		
<hr/>			
<b>Organizational Program</b>	BFBM Supplemental Ambient Surface Water Monitoring (SASMN)		
<b>Project</b>	SASMN	Supplemental Ambient Surfacewater Monitoring Network (SASMN)	
<hr/>			
<b>Organizational Program</b>	BFBM Total Maximum Daily Load Monitoring (TMDL)		
<b>Project</b>	TMDL-02	Papakating Creek TMDL	<a href="#">Document/Graphic</a>
<b>Project</b>	TMDL-18	Cooper River / Pennsauken Creek TMDL Monitoring	<a href="#">Document/Graphic</a>
<b>Project</b>	TMDL-19	North Branch Rancocas Creek Nutrient Study	
<b>Project</b>	TMDLBACT	Bacteria TMDL Sampling	<a href="#">Document/Graphic</a>
<hr/>			
<b>Organizational Program</b>	BFBM Watershed Reconnaissance / 303(d) Monitoring		
<b>Project</b>	303D-01	303(d) Reconnaissance Monitoring - Watershed Mgt Area 1	<a href="#">Document/Graphic</a>
<b>Project</b>	303D-02	303(d) Reconnaissance Monitoring - Watershed Mgt Area 2	<a href="#">Document/Graphic</a>
<b>Project</b>	303D-05	303(d) Reconnaissance Monitoring - Watershed Mgt Area 5	<a href="#">Document/Graphic</a>
<b>Project</b>	303D-07	303(d) Reconnaissance Monitoring - Watershed Mgt Area 7	<a href="#">Document/Graphic</a>
<b>Project</b>	303D-08	303(d) Reconnaissance Monitoring - Watershed Mgt Area 8	<a href="#">Document/Graphic</a>
<b>Project</b>	303D-09	303(d) Reconnaissance Monitoring - Watershed Mgt Area 9	<a href="#">Document/Graphic</a>
<b>Project</b>	303D-10	303(d) Reconnaissance Monitoring - Watershed Mgt Area 10	<a href="#">Document/Graphic</a>
<b>Project</b>	303D-11	303(d) Reconnaissance Monitoring - Watershed Mgt Area 11	<a href="#">Document/Graphic</a>
<b>Project</b>	303D-12	303(d) Reconnaissance Monitoring - Watershed Mgt. Area 12	<a href="#">Document/Graphic</a>
<b>Project</b>	303D-14	303(d) Reconnaissance Monitoring - Watershed Mgt. Area 14	<a href="#">Document/Graphic</a>
<b>Project</b>	303D-19	303(d) Reconnaissance Monitoring - Watershed Mgt. Area 19	<a href="#">Document/Graphic</a>
<b>Project</b>	303D-20	303(d) Reconnaissance Monitoring - Watershed Mgt. Area 20	<a href="#">Document/Graphic</a>
<b>Project</b>	303D-346	303(d) Reconnaissance Monitoring - Watershed Mgt Area 3&4&6	<a href="#">Document/Graphic</a>
<b>Project</b>	303D-HF3	303(d) Evaluation of Metals in NJ at Elevated Flow Conditions	<a href="#">Document/Graphic</a>
<b>Project</b>	303D-HIQ	303(d) Evaluation of Metals in NJ at Elevated Flow Condition	<a href="#">Document/Graphic</a>
<b>Project</b>	303D1315	303(d) Reconnaissance Monitoring - Watershed Mgt Area 13&15	<a href="#">Document/Graphic</a>
<b>Project</b>	303D1718	303(d) Reconnaissance Monitoring - Watershed Mgt Area 17&18	<a href="#">Document/Graphic</a>
<hr/>			
<b>Organizational Program</b>	EMPACT		
	<p>The EMPACT (Environmental Monitoring for Public Access and Community Tracking) Project is designed to provide the public with access to current information on the condition of their coastal waters. Users could include fishermen, bathers, researchers, school's, and the public in general. It is intended to enhance the connection of the public with their bays and coastal</p>		

# Program Summary

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21NJDEP1

## NJ Department of Environmental Protection

waters and to provide a better understanding of this valuable resource. New Jersey's EMPACT Project has three components that are described below. A link to each of these components is provided.

**Project** EMPACT03 EMPACT for 2003

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**Organizational Program** EPA Metals Analysis  
Metals analysis on shellfish tissue along New Jersey's coastal waters.

**Project** MW-METLS Marine Water Monitoring's EPA Metals Analysis

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**Organizational Program** EPA Telemetry Buoys  
Buoys are placed in preselected locations in marine waters along NJ to collect continuous data. Data are collected every 15 minutes for multiple parameters.

**Project** TELBUOY Telemetry Buoys

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**Organizational Program** Estuarine Monitoring Program  
Measure the ecological health of New Jersey's coastal waters.

**Project** EST-00 Estuarine Monitoring Program 2000

**Project** EST-01 Estuarine Monitoring Program 2001

**Project** EST-02 Estuarine Monitoring Program 2002

**Project** EST-03 Estuarine Monitoring Program 2003

**Project** EST-04 Estuarine Monitoring Program 2004

**Project** EST-05 Estuarine Monitoring Program 2005

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**Organizational Program** National Shellfish Sanitation Program  
Monitoring data collected as part of New Jersey's compliance with the National Shellfish Sanitation Program. This program is designed to monitor the sanitary quality of the State's coastal waters to ensure that harvesting is only permitted in waters that meet national standards for safe shellfish harvest and consumption.

**Project** NSSP1996 National Shellfish Sanitation Program 1996

**Project** NSSP1997 National Shellfish Sanitation Program 1997

**Project** NSSP1998 National Shellfish Sanitation Program 1998

**Project** NSSP1999 National Shellfish Sanitation Program 1999

**Project** NSSP2000 National Shellfish Sanitation Program 2000

**Project** NSSP2001 National Shellfish Sanitation Program 2001

**Project** NSSP2002 National Shellfish Sanitation Program 2002

**Project** NSSP2003 National Shellfish Sanitation Program 2003

**Project** NSSP2004 National Shellfish Sanitation Program 2004

**Project** NSSP2005 National Shellfish Sanitation Program 2005

**Project** NSSPTRAN Transition to different TripID and sample years for NSSP

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## Program Summary

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**21NYDECA**

**NYS Dept. of EnCon, Division of Water**

**Organizational Program** NEW YORK CITY WATERSHED

**Project** NYC NEW YORK CITY WATERSHED

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**Organizational Program** SWMP/Lake Classification and Inventory

The Lake Classification and Inventory (LCI) component of the Statewide Waters Monitoring Program primarily focuses on physical/chemical monitoring in lakes.

**Project** RIBS ROTATING INTENSIVE BASIN STUDIES

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**Organizational Program** SWMP/Rotating Intensive Basin Studies

The Rotating Intensive Basin Studies (RIBS) component of the Statewide Waters Monitoring Program primarily focuses on physical/chemical monitoring in river systems. RIBS sampling is conducted in the second year of two-year basin studies.

**Project** RIBS ROTATING INTENSIVE BASIN STUDIES

**Project** RIBSROUT RIBS - Routine Trend Network

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**Organizational Program** SWMP/Stream Biomonitoring

The Stream Biomonitoring component of the Statewide Waters Monitoring Program uses biological monitoring to evaluate water quality.

**Project** RIBS ROTATING INTENSIVE BASIN STUDIES

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## Program Summary

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**21OHDGW**

### **Division of Drinking and Ground Water (Ohio)**

**Organizational Program** Ground Water Quality Characterization Program

**Project** AGWMP Ambient Ground Water Monitoring Program

**Project** CATALINA Catalina MHP

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## Program Summary

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### 21OHIO Division of Surface water (Ohio)

**Organizational Program** Ohio EPA Division of Surface Water

This is a program that is associated with all Ohio EPA Division of Surface Water STORET projects.

<b>Project</b>	1005	Salt Creek TMDL
<b>Project</b>	1006	Indian Creek TMDL
<b>Project</b>	1007	Yellow Creek TMDL
<b>Project</b>	1008	Walnut Creek TMDL
<b>Project</b>	1009	Twin Creek TMDL
<b>Project</b>	1010	Blanchard River TMDL
<b>Project</b>	1011	Fourmile Creek TMDL
<b>Project</b>	1012	Kent/Munroe Falls Dam Removals
<b>Project</b>	1013	Tuscarawas River TMDL
<b>Project</b>	1014	Olentangy River Dam Removals
<b>Project</b>	1015	DERR Dry Fork Whitewater River
<b>Project</b>	1016	DERR Tuscarawas River
<b>Project</b>	1017	DERR Lower Scioto River
<b>Project</b>	1018	DERR East Fork Vermilion River
<b>Project</b>	1019	Powderlick Run Restoration
<b>Project</b>	1020	Captina Creek Coal Slurry Spill
<b>Project</b>	1021	Little Raccoon Creek
<b>Project</b>	1022	Miscellaneous ODNR Data Supplied to Ohio EPA
<b>Project</b>	1023	Nutrient Study
<b>Project</b>	1024	Miscellaneous ODOT Data Supplied to Ohio EPA

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# Program Summary

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21PA

## Pennsylvania Department of Environmental Protection

**Organizational Program** PA Fish Tissue

The Pennsylvania Fish Tissue Sampling and Fish Advisories Program was started in 1976 to determine the levels of polychlorinated biphenyls (PCB's) and organochlorine pesticides in fish. Today, samples are collected at several Water Quality Network (WQN) sites as well as non WQN sites. The samples are collected by electrofishing (shocking), but other methods such as various nets, trotlines or angling may be used.

The target species is a representative, recreationally important species for the waterbody being sampled, unless otherwise indicated. It should be a species commonly taken by anglers for consumption and be of legal size. In trout streams, fish should be wild or holdovers of seven inches or more. A suggested ranking of warm water fish, in descending order of desirability, is bass, crappie, rock bass, redbreast sunfish, bluegill or pumpkinseed. If recreationally important, channel catfish can be collected from warm water locations. Samples of bottom feeders may be collected when advisories are in place for such species.

A normal sample consists of 10 scaled, skin-on filets from a composite of five fish. Channel catfish or bullhead samples consist of 10 skinless fillets. American eel samples consist of five 1-inch sections from each skinned and gutted eel. All fish in the composite should be of the same species and size, if possible (the smallest should be at least 75% of the length of the largest). Each fish in the composite is measured (total length) to the nearest tenth of an inch and weighed to the nearest ounce. In addition, any notes on general condition, tumors, lesions, collection problems, weather conditions, etc. are noted.

**Project** FISH Pennsylvania's Fish Tissue Program

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**Organizational Program** PA's Groundwater Network (GWN)

PA's Groundwater Network (GWN) looks at private wells across the state and tests for chemicals commonly found in groundwater.

**Project** GWN Groundwater Quality Network (GWN)

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**Organizational Program** PA's Surface Water Quality Network (WQN)

Pennsylvania's Surface Water Quality Monitoring Network (WQN) is a statewide, fixed station water quality sampling system operated by the Department of Environmental Protection's (DEP), Bureau of Water Supply and Wastewater Management. It is designed to assess both the quality of Pennsylvania's surface waters and the effectiveness of the water quality management program by accomplishing three basic objectives:

1. Monitor temporal water quality trends in major surface streams throughout the Commonwealth of Pennsylvania.
2. Monitor temporal water quality trends in selected reference waters.
3. Monitor temporal water quality trends in selected Pennsylvania lakes.

**Project** LAKE WQN Lake Sample Results 1998-Present  
**Project** WQN WQN Chemistry Results 1998-Present

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## Program Summary

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### 21SC60WQ SC Dept. of Health & Environmental Control

**Organizational Program** NUTZ Monitoring  
Test Program to test data entry procedures

**Project** NUTZ NUTZ Monitoring

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**Organizational Program** Shellfish Sanitation Program  
Annually updates (classify) acreage throughout the state of South Carolina that's potentially available for molluscan bivalve shellfish harvesting by performing routine, followup, and special sampling from shellfish management areas on a monthly basis (selected prohibited areas excluded).

**Project** None

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**Organizational Program** Surface Water Quality Monitoring  
Routine, Followup, and Special sampling conducted for the surface water programs.

**Project** SED1999 Ambient surface water sediment sampling 1999  
**Project** SED2000 Ambient surface water sediment sampling 2000  
**Project** SED2003 Ambient surface water sediment sampling 2003  
**Project** SWS1999 Ambient Surface Water Quality Routine Sampling 1999  
**Project** SWS2000 Ambient Surface Water Quality Routine Sampling 2000  
**Project** SWS2001 Ambient Surface Water Quality Routine Sampling 2001  
**Project** SWS2003 Ambient Surface Water Quality Routine Sampling 2003

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## Program Summary

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### 21SCESOP

### SC Dept. of Health & Environmental Control

**Organizational Program** Environmental Surveillance and Oversight Program

The South Carolina Department of Health and Environmental Control (SCDHEC) Environmental Surveillance and Oversight Program (ESOP) independently evaluates the Savannah River Site (SRS) non-regulatory environmental monitoring programs through an established multi-media network on and around the site.

**Project** 97RW002 Radiological Surface Water and Sediment Project

**Project** 98GA001 Game Animal Monitoring Project Adjacent to the SRS

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# Program Summary

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21SCGW

## SC Dept. of Health & Environmental Control

**Organizational Program** Ambient Groundwater Network

An ambient groundwater quality monitoring network has been established in South Carolina for the purpose of providing statewide and aquifer-specific baseline values of selected chemical constituents. Groundwater sampling is conducted annually from this network of selected public and private wells across the state.

<b>Project</b>	BLKCRK	Black Creek
<b>Project</b>	BLKMINGO	Black Mingo
<b>Project</b>	MIDDEN	Middendorf
<b>Project</b>	PEEDEE	Pee Dee
<b>Project</b>	PIEDBR	Piedmont Bedrock
<b>Project</b>	SALUEDI	Saluda Edisto
<b>Project</b>	SAPROL	Piedmont Saprolite
<b>Project</b>	SAVSALK	Savannah Salkihatchie
<b>Project</b>	SURFSND	Surficial Sands
<b>Project</b>	TERTLMS	Tertiary Limestone
<b>Project</b>	TERTSND	Tertiary Sand

## Program Summary

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### 21SCSANT

### Santee Cooper - South Carolina Public Service Authority

**Organizational Program**

Santee Cooper Analytical and Biological Services Laboratory

The samples in the database are collected and analyzed by the Analytical and Biological Services laboratory for the Santee Cooper ambient monitoring program. Samples are collected at 50 stations on the Santee Cooper lake system and major tributaries entering and exiting the system. Samples are collected on a monthly basis unless otherwise noted.

**Project**

ABS AMB Santee Cooper Lakes Ambient Monitoring Program

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## Program Summary

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**21SCSHL**

### **SC Dept of Health and Environmental Control**

**Organizational Program** SOUTH CAROLINA SHELLFISH SANITATION PROGRAM  
WATER MONITORING PROGRAM FOR SHELLFISH

**Project** SFPRLOW LOW COUNTRY EQC DISTRICT SHELLFISH PROJECT  
**Project** SFPRTRI TRIDENT EQC DISTRICT SHELLFISH PROJECT  
**Project** SFPRWAC WACCAMAW EQC DISTRICT SHELLFISH PROJECT

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## Program Summary

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### 21SDAK01 SD Dept of Environmental & Natural Resources

**Organizational Program** Surface Water Quality Program

The primary responsibilities of the Surface Water Program are to:

- Regulation of municipal and industrial wastewater discharge;
- Regulation of confined animal feeding unit discharge;
- Establish ambient surface water quality standards;
- Monitor surface water; and
- Investigation of activities that potentially impact surface water.

**Project** AMBIENT Ambient Surface Water Quality Monitoring

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## Program Summary

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### 31DRBCSP

#### Delaware River Basin Commission

**Organizational Program** Delaware Water Gap Scenic and Rec. River Monitoring Program

**Project** SRMPDEWA Delaware Water Gap Scenic and Rec. River Monitoring Program

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**Organizational Program** Lower Delaware Water Quality Monitoring

**Project** LOWDEL Lower Non-Tidal Delaware River Monitoring Program

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**Organizational Program** Tri-State Water Quality Monitoring

Water Quality Monitoring for the development of a Water Quality Model for the 8 mile stretch of Delaware River between the Upper Delaware National Recreational River and Delaware Water Gap National Recreational River

**Project** None

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**Organizational Program** Upper Delaware Scenic and Recreational River Monitoring Prog

**Project** SRMPUPDE Upper Delaware Scenic and Recreational River Monitoring

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# Program Summary

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## 31ISC2RS Interstate Sanitation Commission

### Organizational Program Ambient Water Quality Program

There is an ongoing need to document the hypoxic conditions in Long Island Sound. To address that need, at the request of the US EPA - Region II the Commission conducts an intensive ambient water quality survey in support of the Long Island Sound Study. The ISC participates in a cooperative sampling effort with other government agencies during the critical summer season. Data is collected by ISC in western Long Island Sound and the upper East River. The information can be used to measure the effectiveness of management activities and programs implemented under the Comprehensive Conservation and Management Plan.

The survey is performed aboard the ISC's research vessel, the R/V Natale Colosi. This monitoring project is conducted from June through mid-September in cooperation with several other agencies. During the weekly cruises, temperature, salinity and dissolved oxygen are determined in situ. Samples are collected and analyses are performed for phytoplankton and pfiesteria piscicidia identification by cooperating agencies.

<b>Project</b>	LIS1999	LONG ISLAND SOUND AMBIENT WATER QUALITY MONITORING FOR 1999
<b>Project</b>	LIS2000	LONG ISLAND SOUND AMBIENT WATER QUALITY MONITORING FOR 2000
<b>Project</b>	LIS2001	LONG ISLAND SOUND AMBIENT WATER QUALITY MONITORING FOR 2001

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### Organizational Program Effluent Water Quality Program

Investigations of private and municipal facilities involve a six-hour period of sampling and an inspection of processes, equipment, and plant records. Investigations of industrial facilities generally involve a 24-hour period or a full day's production. Analyses are performed by ISC's laboratory for the parameters specified in the facilities' discharge permits. The data generated from these investigations are used to determine compliance with ISC's Water Quality Regulations and with each facility's N/SPDES discharge permit.

**Project** None

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## Program Summary

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### 42SRBCWQ

### Susquehanna River Basin Commission

**National Program** Chesapeake Bay Nutrient Clean-up

This multi-org program includes Projects from all the Commission Cooperating Organizations which deal with the nutrient control in the Chesapeake Bay.

<b>Project</b>	BASIN	WATERSHED RESTORATION ACTION PLAN : QAPP 319(h) MONITORING
<b>Project</b>	BC1994	Bear Creek Watershed Association Water Quality Monitoring Pr
<b>Project</b>	CBCP-001	Water Quality and Biological Health of the Chesapeake Bay
<b>Project</b>	ISWQN	Interstate Stream Water Quality Network
<b>Project</b>	PRJ-001	Sediment Chemistry
<b>Project</b>	WW2003	Wastewater Treatment Plants 2003

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**Organizational Program** Water Resources Management

**Project** None

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**Organizational Program** Watershed Assessment and Protection Program

<b>Project</b>	ISWQN	Interstate Stream Water Quality Network
<b>Project</b>	TEST-01	Test Project

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**ALO**

**Alliance For A Living Ocean**

**Organizational Program** Barnegat Bay Watch

The Barnegat Bay Watch Program of the Alliance for a Living Ocean (ALO) is dedicated to maintaining good water quality in the ocean and Barnegat Bay, preserving the Barnegat Bay Estuary and the unique barrier island environment of Long Beach Island. A major part of the program is the Barnegat Bay Watch Water Monitoring Project that provides ongoing monitoring of ecological conditions in the bay. Another part of the program involves the continuing education of visitors, and property owners who use the ocean and bay as a garbage dump, and who contribute to nonpoint source pollution in Barnegat Bay.

**Project** BBWMP Barnegat Bay Watch Monitoring Program

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# Program Summary

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## AQUINNAH Wampanoag Tribe of Gay Head (Aquinnah) - Massachusetts

**Organizational Program** Martha's Vineyard Marine + Fresh Water Beach 2004 Program  
Weekly Testing of 40+ sites across the island of Martha's Vineyard. To provide compliance in Enterococcus Bacteria testing for all public and semi-private beaches during the 10 week sampling season of 2004.

**Project** None

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**Organizational Program** Menemsha Pond and Squibnocket Pond Surface Water Monitoring  
To weekly monitor the quality of water in these two major estuaries because of the direct impact these waters have on the Tribal Community at large. To assure that possible contamination will not impact the Wampanoag Shellfish Hatchery Program adversely.

<b>Project</b>	CHEM AN	Chemical Analysis of Menemsha pond + associated water	<a href="#">Document/Graphic</a>
<b>Project</b>	CHL-A	Chlorophyll-A	
<b>Project</b>	MICROBIO	Microbiological testing	
<b>Project</b>	SQIB & M	Ambiant Monitoring of Squibnocket and Menemsha Pond	
<b>Project</b>	YSI	Utilize on site meters for data collection	

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## Program Summary

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**AWQDECJN      Alaska Dept. of Environmental Conservation**

<b>Organizational Program</b>	Contaminated Sites Program (CST)	
	All other contaminated sites that are not associated with regulated USTs.	
<b>Project</b>	10038148	Bentley Trust Monitoring Project
<b>Project</b>	10223015	Letter Shop/Graphics North Monitoring Project
<b>Project</b>	10223053	College Cleaners Monitoring Project
<b>Project</b>	10226001	Lucky Sourdough Monitoring Project
<b>Project</b>	10226003	Mapco Express 5018 Monitoring Well Project
<b>Project</b>	10226007	Tesoro - Northstore #103
<b>Project</b>	10226008	Kellys Firestone Monitoring Well Project
<b>Project</b>	10226009	O.K. Lumber Monitoring Project
<b>Project</b>	10226010	Tesoro - Northstore #105 Monitoring Project
<b>Project</b>	10226020	Tesoro - Northstore #104 Monitoring Project
<b>Project</b>	10226029	Northside Gas & Grocery Property Monitoring Well Project
<b>Project</b>	10226034	Rons Service & Towing Monitoring Project
<b>Project</b>	10226035	Mat-Su Monitoring Project
<b>Project</b>	10226042	Adak Avenue Residence Monitoring Project
<b>Project</b>	10226043	Sourdough Express Monitoring Project
<b>Project</b>	10226046	US Travel Systems Monitoring Project
<b>Project</b>	10226050	FMUS - Fuel Island and Warehouse/Garage
<b>Project</b>	10226052	Chevron - Hutchisons Monitoring Project
<b>Project</b>	10226055	NC Machinery Company
<b>Project</b>	10226063	Chevron- Goldpanner Service Station Monitoring Project
<b>Project</b>	10226066	FMUS - Public Safety Building
<b>Project</b>	10226080	Samson Hardware Monitoring Project
<b>Project</b>	10226084	Federal Bldg. Moto Pool Equipment Bldg.
<b>Project</b>	10226085	ADKO Cleaner Monitoring Project
<b>Project</b>	10226089	FNSB - Old Main School
<b>Project</b>	10226095	Former Hamilton Gas Station Monitoring Project
<b>Project</b>	10226114	A&W Wholesale Company, Inc. Monitoring Well Project
<b>Project</b>	10226119	Texaco - Gas N Go - Airport Way Monitoring Project
<b>Project</b>	10226132	Tesoro - Northstore #115 Monitoring Well Project
<b>Project</b>	10226146	Chandler Plumbing & Heating Monitoring Project
<b>Project</b>	10226147	ACME Electronic Monitoring Project
<b>Project</b>	10226150	Wilbur Bros. Mechanical
<b>Project</b>	10226153	Former Gold Exchange PIC Building Monitoring Project
<b>Project</b>	10238024	Westmark Fairbanks Hotel Monitoring Project
<b>Project</b>	10238027	Carrs Foodland Monitoring Project
<b>Project</b>	10238040	Fairview Manor Monitoring Project
<b>Project</b>	10238072	Aurora Motors Monitoring Project
<b>Project</b>	10238086	MSLUG Fairbanks area Project
<b>Project</b>	10238101	PTI Well St. Warehouse Monitoring Project

**Organizational Program**    Industry Preparedness and Pipeline Program (IPP)  
    Industry Preparedness and Pipeline Program (IPP)

**Project**    None

**Organizational Program**    Non Point Source Water Pollution Control Program  
    Program Mission: To protect water resources and public health from non point sources of pollution.

## Program Summary

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AWQDECJN

### Alaska Dept. of Environmental Conservation

**Project** None

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**Organizational Program** Pollution Environmental Response Program (PRP)  
Pollution Environmental Response Program (PRP).

**Project** None

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**Organizational Program** Spill Prevention and Response Storage Tank Program  
Downtown Fairbanks Areawide Risk Assessment

**Project** None

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**Organizational Program** State Water Discharge Permits and Certification Program  
Program Mission: To protect water resources and public health by regulating wastewater discharges.

**Project** None

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**Organizational Program** Storage Tank Program (STP)  
Storage tank program will describe all leaking underground storage tank sites.

**Project** None

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## Program Summary

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### BEAR\_CRK

### Bear Creek Reservoir (Colorado)

**National Program** Chesapeake Bay Nutrient Clean-up  
This multi-org program includes Projects from all the Commission Cooperating Organizations which deal with the nutrient control in the Chesapeake Bay.

<b>Project</b>	BASIN	WATERSHED RESTORATION ACTION PLAN : QAPP 319(h) MONITORING
<b>Project</b>	BC1994	Bear Creek Watershed Association Water Quality Monitoring Pr
<b>Project</b>	CBCP-001	Water Quality and Biological Health of the Chesapeake Bay
<b>Project</b>	ISWQN	Interstate Stream Water Quality Network
<b>Project</b>	PRJ-001	Sediment Chemistry
<b>Project</b>	WW2003	Wastewater Treatment Plants 2003

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**Organizational Program** Bear Creek Watershed Association Water Quality Monitoring Pr

<b>Project</b>	BC1994	Bear Creek Watershed Association Water Quality Monitoring Pr
<b>Project</b>	BC1995	Bear Creek Watershed Association Water Quality Monitoring Pr
<b>Project</b>	BC1996	Bear Creek Watershed Association Water Quality Monitoring Pr
<b>Project</b>	BC1997	Bear Creek Watershed Association Water Quality Monitoring Pr
<b>Project</b>	BC1998	Bear Creek Watershed Association Water Quality Monitoring Pr
<b>Project</b>	BC1999	Bear Creek Watershed Association Water Quality Monitoring Pr
<b>Project</b>	BC2000	Bear Creek Watershed Association Water Quality Monitoring Pr

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## Program Summary

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### **CCAMP Central Coast Ambient Monitoring Program (California)**

**Organizational Program** Central Coast Ambient Monitoring Program

This is an ambient water quality monitoring program for the Central Coast Regional Water Quality Control Board in central California. We are monitoring a wide variety of parameters in watersheds, coastal confluences, and nearshore waters.

**Project** None

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**Organizational Program** Morro Bay National Monitoring Program

This is a 319(h) funded program to quantify water quality improvements associated with Best Management Practice implementation. It is a ten year program which was initiated in 1993. It focuses on rangeland management practices in the Morro Bay watershed, San Luis Obispo County, California.

**Project** None

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## Program Summary

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### **CENWWEDH U.S. Army Corps of Engineers Walla Walla District**

**Organizational Program** District Water Quality Sampling Program

See ER1110-2-8154 and ETL1110-2-362. Summarized, they state that water quality data collection activities will be carried out to support one or more of the following objectives:

- establish baseline conditions and identify trends, opportunities, and problems
- assess compliance with applicable water quality standards
- provide an adequate database for understanding project conditions and coordinating activities that influence water quality
- investigate special problems and improve water management procedures
- provide data to support reservoir regulation elements for effective management of water quality
- provide water quality data required for real-time project regulation
- evaluate water/sediment interactions and their effects on overall water quality
- engineer aquatic environments and ecosystems
- develop and maintain environmental awareness essential for sound stewardship
- meet other objectives and special needs as they occur

**Project** None

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## Program Summary

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### **CHATFLD      Chatfield Reservoir (Colorado)**

**Organizational Program**    Chatfield Basin and Reservoir Water Quality Monitoring

**Project**    CH2000      Chatfield Water Quality Monitoring Program

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## Program Summary

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### **CIKEEPAK      Cook Inlet Keeper (Alaska)**

**Organizational Program**      Citizens' Environmental Monitoring Program

Beginning in 1997, organizations throughout Cook Inlet began forging partnerships to ensure that data collected is credible and effective for resource protection. This partnership has grown in to the Citizens' Environmental Monitoring Program Partnership of the Cook Inlet Watershed (CEMP Partnership), which currently consists of nine organizations: Anchorage Waterways Council, Cook Inlet Keeper, Environment and Natural Resources Institute-University of Alaska Anchorage, Homer Soil and Water Conservation District, Kenai Watershet Forum, Matanuska-Susitna Borough, Palmer Soil and Water Conservation District, Uper Susitna Soil and Water Conservation District, and Wasilla Soil and Water Conservation District.

**Project**      None

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## Program Summary

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**CITYFTCO**

**City of Fort Collins (Colorado)**

**Organizational Program**

City of Fort Collins Drinking Water Policy

Resolution 93-144 of the Council of the City of Fort Collins Adopting a Drinking Water Quality Policy for the City

**Project**

WQ-RIV01

River Monitoring

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## Program Summary

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**CITYOFPG**

**City of Punta Gorda (Florida)**

**Organizational Program** Shell Creek HBMP Data  
City of Punta Gorda Hydrobiological Monitoring Data

**Project** None

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## Program Summary

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### COE/ISU Des Moines River - Corp of Engineers (IOWA)

**Organizational Program** Des Moines River Water Quality Network

The Des Moines River Water Quality Network (DMRWQN) is a surface water quality project sponsored by the US Army Corps of Engineers that collects water samples year-round at locations along the Des Moines and Raccoon Rivers and Saylorville and Red Rock Reservoirs. The purpose of the project is to evaluate the affects of Saylorville and Red Rock Dam on downstream river quality and to characterize upstream water quality. The project was initiated in 1967 as a preimpoundment study of the Saylorville Reservoir reach and has evolved over its 33 year history to include Red Rock Reservoir.

**Project** None

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## Program Summary

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### CT\_DEP01 Connecticut Dept. of Environmental Protection

**Organizational Program** CTDEPABM  
Ambient Biological Monitoring. Primarily use macroinvertebrate community but can use fish community.

**Project** MACROS Ambient biological monitoring using macroinvertebrates

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**Organizational Program** CTDEPBCH  
Weekly monitoring of state owned and managed bathing areas for indicator bacteria. Samples are collected by CTDEP staff and analyzed by CT Dept of Health Microbiological Laboratory.

**Project** CTDEPBCH Monitoring of State owned and managed designated beaches

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**Organizational Program** CTDEPPHYSICHEM  
Physical and chemical monitoring surface waters in CT

**Project** None

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## Program Summary

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### DEMOTEST      The Commission for a Good Clean Chesapeake Bay

**National Program**      Chesapeake Bay Nutrient Clean-up  
This multi-org program includes Projects from all the Commission Cooperating Organizations which deal with the nutrient control in the Chesapeake Bay.

<b>Project</b>	BASIN	WATERSHED RESTORATION ACTION PLAN : QAPP 319(h) MONITORING
<b>Project</b>	BC1994	Bear Creek Watershed Association Water Quality Monitoring Pr
<b>Project</b>	CBCP-001	Water Quality and Biological Health of the Chesapeake Bay
<b>Project</b>	ISWQN	Interstate Stream Water Quality Network
<b>Project</b>	PRJ-001	Sediment Chemistry
<b>Project</b>	WW2003	Wastewater Treatment Plants 2003

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**Organizational Program**      Patuxent River Sediment Clean-up Program  
Enter a detailed description of the "Patuxent River Sediment Clean-up Program".

**Project**      None

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**Organizational Program**      Pfiesteria Study of the Pocomoke and Wicomico River System  
Enter a detailed description of the "Pfiesteria Study of the Pocomoke and Wicomico River System".

<b>Project</b>	CBCP-001	Water Quality and Biological Health of the Chesapeake Bay
<b>Project</b>	CBCP-002	Sediment Toxicity Study of the Wicomico River
<b>Project</b>	CBCP-004	Survey of the Wicomoco River, Probability Based

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Document/Graphic



## Program Summary

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### EMAP-CS Environmental Monitoring and Assessment Program

**Organizational Program** EPA EMAP-National Coastal Assessment 1990-2004

**Project** NCA EMAP-National Coastal Assessment 2000-04

**Project** WCOAST EMAP-West Coastal Monitoring (E-WCM)

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**Organizational Program** EPA Environmental Monitoring & Assessment Program-Estuaries

**Project** VA\_PROV EMAP 1990-93 Virginian Province (VP)

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## Program Summary

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EPA\_R7

### US EPA Region 7

**Organizational Program** Region 7 Ambient Fish Tissue (RAFT) Monitoring Program

**Project** None

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**Organizational Program** Regional Environmental Monitoring & Assessment Prog (R-EMAP)

R-EMAP is the Region 7 component of the National EMAP program for monitoring the status and trends in the trends of our Nation's ecological resources. Using a probability based monitoring design, water, sediment, fish tissue and habitat data has been collected since 1994 through state projects in Kansas, Missouri and Nebraska and beginning in 2001 in Iowa. The probability-based monitoring design draws random samples from a population to develop estimates of the condition of that population with a known degree of statistical confidence. The purposes of this R-EMAP project were to determine the status of the health, or quality, of the stream fisheries within the EPA, Region 7 area (IA, KS, MO & NE) and to establish baseline data and methods which could be used to assess long-term trends in the health of stream fisheries throughout the Region.

**Project** ECF03 Nebraska 1999 REMAP

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## Program Summary

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**FWC-WQMP**      **Florida Keys NMS - Water Quality Monitoring Program**

**Organizational Program**      Water Quality Montiroing Program

**Project**      WQMP      Water Quality Monitoring Program

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## Program Summary

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**FWC/FWRI**      **Fish Wildlife Conservation / Wildlife Research Institute(FL)**

**Organizational Program**      FKNMS Water Quality Data Management

**Project**      CREMP      Coral Reef Evaluation and Monitoring Project

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## Program Summary

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### HI301H

#### City and county of Honolulu

**Organizational Program** Honouliuli 301(h) NPDES Program

<b>Project</b>	HO BENTH	Honouliuli Sediment and Benthic Monitoring
<b>Project</b>	HO BIOAC	Honouliuli Outfall Bioaccumulation Monitoring
<b>Project</b>	HO PLANT	Honouliuli WWTP Plant Monitoring
<b>Project</b>	HO WQMP	Honouliuli Outfall Water Quality Monitoring

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**Organizational Program** Sand Island 301 (h) NPDES Permit

<b>Project</b>	SI BENTH	Sand Island Sediment and Benthic monitoring
<b>Project</b>	SI BIOAC	Sand Island Bioaccumulation Monitoring
<b>Project</b>	SI PLANT	Sand Island Influent Effluent Monitoring
<b>Project</b>	SI WQMP	Sand Island Outfall Water Quality Monitoring

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## Program Summary

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### LAKELAND

#### City of Lakeland (Florida)

<b>Organizational Program</b>	Benthic Macroinvertebrate sampling Sampling of macroinvertebrates from Lake Hollingsworth	
<b>Project</b>	HWD	Lake Hollingsworth Restoration project
<b>Project</b>	HWMI	Lake Hollingsworth Benthic Macroinvertebrate sampling
<hr/>		
<b>Organizational Program</b>	Lake Hollingsworth Bacteria sampling monthly sampling of bacteria samples on 7 stations on Lake Hollingsworth	
<b>Project</b>	HWBACTI	Bacteria sampling for Lake Hollingsworth
<b>Project</b>	HWD	Lake Hollingsworth Restoration project
<hr/>		
<b>Organizational Program</b>	Lake Hollingsworth Restoration Project The restoration project is the removal of sediment on Lake Hollingsworth so as to improve water quality, fish and wildlife habitat, and increase recreational opportunities. Lake Hollingsworth is a shallow cone-shaped solution basin with ~ 75% of the bottom covered with varying thicknesses of flocculent, organic sediment.	
<b>Project</b>	HWBACTI	Bacteria sampling for Lake Hollingsworth
<b>Project</b>	HWD	Lake Hollingsworth Restoration project
<hr/>		
<b>Organizational Program</b>	Water Quality Sampling Monthly and quarterly sampling for water quality in 17 City lakes.	
<b>Project</b>	17LKHIST	17 Lake Quarterly Water Quality Monitoring
<b>Project</b>	HWBACTI	Bacteria sampling for Lake Hollingsworth
<b>Project</b>	HWD	Lake Hollingsworth Restoration project
<hr/>		

# Program Summary

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## MDEDAT04 MD Dept. Environment In House Water Data

**National Program** Chesapeake Bay Nutrient Clean-up  
This multi-org program includes Projects from all the Commission Cooperating Organizations which deal with the nutrient control in the Chesapeake Bay.

<b>Project</b>	BASIN	WATERSHED RESTORATION ACTION PLAN : QAPP 319(h) MONITORING
<b>Project</b>	BC1994	Bear Creek Watershed Association Water Quality Monitoring Pr
<b>Project</b>	CBCP-001	Water Quality and Biological Health of the Chesapeake Bay
<b>Project</b>	ISWQN	Interstate Stream Water Quality Network
<b>Project</b>	PRJ-001	Sediment Chemistry
<b>Project</b>	WW2003	Wastewater Treatment Plants 2003

**Organizational Program** Eastern Shore Pfiesteria Network (ESPN)  
The Eastern Shore Pfiesteria Network (ESPN) is a four tier monitoring program focused on the lower Delmarva peninsula intended to characterize multiple sources of nutrient loading to potential Pfiesteria episode zones in that area. Twenty non-point source watershed stations and about forty point sources were sampled at various times over a three-year period.

<b>Project</b>	ESPNPS	ESPN - Point Source 1998-2001
<b>Project</b>	ESPNWQ	ESPN - Non Point Source 1998-2002

**Organizational Program** Potomac Water Quality Monitoring Program  
The monitoring program proposed here is designed to support development and calibration of a Hydrologic Simulation Program-FORTRAN (HSPF) watershed model of the basin that may be used to assess the effects of point and nonpoint nutrient and suspended sediment sources on water quality in the Potomac River.

<b>Project</b>	CB2001	Lower Potomac Boundary Stations 2001-2002
<b>Project</b>	CW2000	Western MD, Potomac River Boundary Stations 2000-2002
<b>Project</b>	MP2001	Mattawoman Creek & Piscataway Creek TMDL Strategy 2001-2002
<b>Project</b>	RE2000	USGS Rain Event 2000
<b>Project</b>	SB2001	St Clements Bay & Breton Bay TMDL Strategy 2001-2002
<b>Project</b>	WG2001	Wicomico River & Gilbert Swamp TMDL Strategy 2001-2002

**Organizational Program** Total Maximum Daily Load (TMDL) Cycling Strategy  
The water quality monitoring efforts, designed to support TMDL development, is being conducted by MDE within Maryland's watershed cycling framework. According to this framework, the State of MD is divided into 5 regions so that intensified water quality management resources can be targeted to the regions in a systematic manner. Monitoring activities are being cycled through these regions over a five-year period. In each region, MDE collects water quality data for three wet periods (March, April, May) and three dry periods (July, August, September) for use in estimating watershed model loading rates, and for water quality model calibration and validation. The plan also is to collect monthly water quality boundary condition data to support model development for the water bodies identified on Maryland's 303(d) list.

<b>Project</b>	AC2002	Anacostia River Bacteria Study 2002 - 2003
<b>Project</b>	AN1996	Antietam Water Quality Study 1996-1997
<b>Project</b>	AN2002	Antietam Creek TMDL Strategy 2002
<b>Project</b>	AN2003	Antietam Creek Bacteria Study 2002 - 2003
<b>Project</b>	BC2002	Bush Creek Water Quality Study 2002



## Program Summary

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MDEDAT04

### MD Dept. Environment In House Water Data

<b>Project</b>	BD1999	Bodkin Creek Water Quality Study 1999
<b>Project</b>	BG2000	Back River & Gunpowder River TMDL Strategy 2000
<b>Project</b>	BR1999	Bush River TMDL Strategy 1999
<b>Project</b>	BT2002	Coastal Bay Tributaries TMDL Strategy 2002
<b>Project</b>	CA2002	Catoctin Creek TMDL Strategy 2002
<b>Project</b>	CB1999	Upper Eastern Shore Boundary Stations 1999
<b>Project</b>	CB2000	Upper Western Shore Boundary Stations 2000
<b>Project</b>	CB2001	Lower Potomac Boundary Stations 2001-2002
<b>Project</b>	CH1998	Choptank River TMDL Strategy 1998
<b>Project</b>	CJ2002	Rock Creek & Cabin John Creek Bacteria Study 2002 - 2003
<b>Project</b>	CM1997	Casselman River Water Quality Study 1997
<b>Project</b>	CO2002	Conococheague Creek TMDL Strategy 2002
<b>Project</b>	CP2000	St Marys Lake TMDL Strategy 2000-2002
<b>Project</b>	CV1997	Centreville Water Quality Study 1997
<b>Project</b>	CW1999	Lake Habeeb, Broadford Lake, Georges Crk Boundary Stns 1999
<b>Project</b>	CW2000	Western MD, Potomac River Boundary Stations 2000-2002
<b>Project</b>	DE1999	Deep Creek Lake TMDL Strategy 1999-2000
<b>Project</b>	DP2002	Double Pipe Creek TMDL Strategy 2002
<b>Project</b>	EB1999	Eastern Bay TMDL Strategy 1999
<b>Project</b>	ED2002	Edgewater Village Lake TMDL Strategy 2002
<b>Project</b>	EK1999	Elk River & Bohemia River Boat Stations TMDL Strategy 1999
<b>Project</b>	EL1999	Elk River & Bohemia River Land Stations TMDL Strategy 1999
<b>Project</b>	ESPNPS	ESPN - Point Source 1998-2001
<b>Project</b>	ESPNWQ	ESPN - Non Point Source 1998-2002
<b>Project</b>	EV2001	Evitts Creek TMDL Strategy 2001
<b>Project</b>	FB1999	North East River & Furnace Bay TMDL Strategy 1999
<b>Project</b>	FL1995	Fairlee Creek Water Quality Study 1995
<b>Project</b>	FP1999	Funks Pond Water Quality Study 1999
<b>Project</b>	FW1999	Fairlee, Worton & Still Pond Creeks TMDL Strategy 1999
<b>Project</b>	GC1999	Georges Creek TMDL Strategy 1999
<b>Project</b>	GC2001	Georges Creek TMDL Strategy 2001
<b>Project</b>	GF2000	Gwynns Falls & Jones Falls TMDL Strategy 2000
<b>Project</b>	GW2002	Gwynns Falls Bacteria Study 2002 - 2003
<b>Project</b>	HL2000	Hurlock TMDL Strategy 2000
<b>Project</b>	JF2002	Jones Falls Bacteria Study 2002 - 2003
<b>Project</b>	LB1998	Lower Coastal Bays TMDL Strategy 1998
<b>Project</b>	LC1999	Lower Chester River TMDL Strategy 1999
<b>Project</b>	LI2000	Liberty Reservoir TMDL Strategy 2000
<b>Project</b>	LL2002	Linganore Lake TMDL Strategy 2002
<b>Project</b>	LM2002	Lower Monocacy River TMDL Strategy 2002
<b>Project</b>	LP2002	Lower Patapsco River Bacteria Study 2002 - 2003
<b>Project</b>	LT1998	La Trappe Creek Water Quality Study 1998
<b>Project</b>	LY1994	Little Youghiogheny River Water Quality Study 1994
<b>Project</b>	LY1997	Little Youghiogheny River Water Quality Study 1997
<b>Project</b>	MB2000	Gunpowder, Middle, Bird Rivers TMDL Strategy 2000
<b>Project</b>	MC1999	Middle Chester River TMDL Strategy 1999
<b>Project</b>	MH1998	Marshyhope Creek TMDL Strategy 1998
<b>Project</b>	ML2000	Montgomery/Washington/Howard Co. Lakes TMDL

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### MD Dept. Environment In House Water Data

Strategy 2000

<b>Project</b>	MN1998	Manokin River TMDL Strategy 1998
<b>Project</b>	MP2001	Mattawoman Creek & Piscataway Creek TMDL Strategy 2001-2002
<b>Project</b>	MR1999	Miles River TMDL Strategy 1999
<b>Project</b>	MU2002	Upper Monocacy River TMDL Strategy 2002
<b>Project</b>	NB2000	North Branch Patapsco River Bodkin Creek TMDL Strategy 2000
<b>Project</b>	PC1997	Pocomoke River TMDL Strategy 1997-1998
<b>Project</b>	PM2001	Lower Potomac River & St Marys River TMDL Strategy 2001-2002
<b>Project</b>	PR2000	Piney Run Reservoir TMDL Strategy 2000
<b>Project</b>	PS2000	Patuxent, South, West & Rhode Rivers TMDL Strategy 2000
<b>Project</b>	PW2002	Piscataway Creek Bacteria Study 2002 - 2003
<b>Project</b>	QT1998	Queenstown Water Quality Study 1998
<b>Project</b>	RM2000	Middle Patuxent River & Reservoirs TMDL Strategy 2000
<b>Project</b>	SB2001	St Clements Bay & Breton Bay TMDL Strategy 2001-2002
<b>Project</b>	SE2003	Sediment Study 2003
<b>Project</b>	SL2000	Adkins Pond & Big Mill Pond TMDL Strategy 2000-2001
<b>Project</b>	SM2000	Severn River & Magothy River TMDL Strategy 2000
<b>Project</b>	SR1999	Sassafras River TMDL Strategy 1999
<b>Project</b>	SU1999	Lower Susquehanna River TMDL Strategy 1999
<b>Project</b>	SV1997	Savage River TMDL Strategy 1997-1998
<b>Project</b>	SW1999	Swan Creek Water Quality Study 1999
<b>Project</b>	TC2002	Town Creek TMDL Strategy 2002
<b>Project</b>	TH1998	Tuckahoe Creek TMDL Strategy 1998
<b>Project</b>	TM2002	Toms Creek Water Quality Study 2002
<b>Project</b>	TN2001	Port Tobacco River & Nanjemoy Creek TMDL Strategy 2001-2002
<b>Project</b>	TR1998	Transquaking & Chicamacomico Rivers TMDL Strategy 1998
<b>Project</b>	UB1998	Upper Coastal Bays TMDL Strategy 1998
<b>Project</b>	UC1999	Upper Chester River TMDL Strategy 1999
<b>Project</b>	US1999	Upper Susquehanna River TMDL Strategy 1999
<b>Project</b>	WB1997	Western Branch TMDL Strategy 1997
<b>Project</b>	WC2001	Wills Creek TMDL Strategy 2001
<b>Project</b>	WG2001	Wicomico River & Gilbert Swamp TMDL Strategy 2001-2002
<b>Project</b>	WI1998	Wicomico River (Eastern Shore) TMDL Strategy 1998
<b>Project</b>	WY1999	Wye River TMDL Strategy 1999
<b>Project</b>	YG1998	Youghiogheny River TMDL Strategy 1998

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## MEDEP

### Maine Department of Environmental Protection

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<b>Organizational Program</b>	Biomonitoring Program Division of Environmental Assessment, Biomonitoring Unit	
<b>Project</b>	BIO_MAC	ME DEP Macroinvertebrate database
<b>Project</b>	BIO_PER	ME DEP Periphyton database

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<b>Organizational Program</b>	Estuary/Marine Program Division of Environmental Assessment Estuary Program, Marine Unit	
<b>Project</b>	MAR_ALL	ME DEP Marine Database

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<b>Organizational Program</b>	Fish Consumption Program Division of Environmental Assessment, Rivers & Streams Unit	
<b>Project</b>	None	

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<b>Organizational Program</b>	Invasives Program Division of Environmental Assessment, Lakes Unit	
<b>Project</b>	None	

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<b>Organizational Program</b>	Lakes Program Division of Environmental Assessment Lakes Program, Lakes Unit	
<b>Project</b>	LAKE_ALL	ME DEP Lakes database

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<b>Organizational Program</b>	Streams & Rivers Program Division of Environmental Assessment Streams and Rivers Program	
<b>Project</b>	RIV_ALL	ME DEP Rivers data
<b>Project</b>	SWAT	Surface Water Ambient Toxics Program

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<b>Organizational Program</b>	Wetlands Program Division of Environmental Assessment Wetlands Program, Biomonitoring Unit	
<b>Project</b>	WET_ALL	ME DEP Wetland database

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# Program Summary

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## MNPCA1 Minnesota Pollution Control Agency

<b>Organizational Program</b>	Brown-Nicollet-Cottonwood WQ Board	
	As of April 2004, Brown-Nicollet-Cottonwood Water Quality Board oversees several projects including Seven Mile Creek CWP (CWPSEVEN), and Little Cottonwood CWP (CWPLCOTT).	
<b>Project</b>	CWPSEVEN	Seven Mile Creek Watershed Project
<hr/>		
<b>Organizational Program</b>	Carver County	
	As of January 2006, this program (see owner in next sentence) also includes Carver County Lake TMDLs (CARVERLK), and Carver and Bevens Creek projects became a TMDL (CARVBEV). As of April 2004, Carver County Environmental Services and Carver County SWCD monitor water quality under a variety of projects, including Carver County Watershed Outlet Monitoring Program (CCWOMP), West Chaska Creek Memorandum of Agreement (CCWCHASC), East Chaska Creek Memorandum of Agreement (CCECHASC), Carver Creek Water Quality Improvement Project (CARVERCK), and Bevens Creek Grant Project (CCBEVENS). The precursor "CC" was added to reflect "Carver County." Staff overlap within the projects.	
<b>Project</b>	CARVERCK	Carver Creek Water Quality Improvement Project
<b>Project</b>	CCBEVENS	Bevens Creek Grant Project
<b>Project</b>	CCECHASC	East Chaska Creek Memorandum of Agreement
<b>Project</b>	CCWCHASC	West Chaska Creek Memorandum of Agreement
<b>Project</b>	CCWOMP	Carver Co./MCES Watershed Outlet Monitoring Program
<b>Project</b>	LEGCFC	Carver County Fecal Coliform Study
<hr/>		
<b>Organizational Program</b>	Citizen Monitoring	
	This is not a formal agency program but an umbrella classification for projects for which citizens, students, or other volunteers perform all, or a significant component, of the monitoring.	
<b>Project</b>	BECKCOLA	Becker Coalition of Lake Association (COLA) Monitoring
<b>Project</b>	BFRB	Big Fork River Board River Watch Stream Monitoring Program
<b>Project</b>	CLMP	Citizen Lake-Monitoring Program
<b>Project</b>	CROWLMP	Crow Wing County Citizen Lake Monitoring Program
<b>Project</b>	CSMP	Citizen Stream-Monitoring Program
<b>Project</b>	DOUGCOLA	Douglas Coalition of Lake Association (COLA) Monitoring
<b>Project</b>	HUBBCOLA	Hubbard Coalition of Lake Association (COLA) Monitoring
<b>Project</b>	LEGGRE	GREEN LAKE ASSOCIATION PROJECT
<b>Project</b>	LEGMHB	MISSISSIPPI HEADWATERS RIVERWATCH PROGRAM
<b>Project</b>	LEGMHBBG	Bagley School District UMHB Riverwatch
<b>Project</b>	LEGMHBBR	Brainerd School District UMHB Riverwatch
<b>Project</b>	LEGMHBGC	Greenway-Coleraine High School UMHB Riverwatch
<b>Project</b>	LEGMHBGR	Grand Rapids School District UMHB Riverwatch
<b>Project</b>	LEGMHBNS	Neilson-Spearhead Center UMHB Riverwatch
<b>Project</b>	LEGMHBRM	Remer School District UMHB Riverwatch
<b>Project</b>	MCESCAMP	MCES Citizen-Assisted Lake Monitoring Program
<b>Project</b>	MSPI_COR	Mississippi Corridor Neighborhood Coalition (MCNC)
<b>Project</b>	ORONO_VM	Lake Orono Volunteer Monitoring <span style="float: right;">Document/Graphic</span>
<b>Project</b>	OTCOLA	OtterTail Coalition of Lake Association (COLA) Monitoring
<b>Project</b>	OUTDRCRP	Outdoor Corps
<b>Project</b>	PLATTE_L	Platte Lake Water Monitoring by Platte Lake Association
<b>Project</b>	POPECOLA	Pope Coalition of Lake Association (COLA) Monitoring
<b>Project</b>	RAINYLK	Rainy Lake Water Quality Project <span style="float: right;">Document/Graphic</span>
<b>Project</b>	REDRWTCH	Red River Basin River Watch Project

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**MNPCA1**

**Minnesota Pollution Control Agency**

<b>Project</b>	WAPOA	Whitefish Chain and Surrounding Lakes WAPOA
<b>Project</b>	WRGTCOLA	Wright Coalition of Lake Association (COLA) Monitoring

**Organizational Program** Clean Water Partnership (CWP)

The Clean Water Partnership (CWP) program provides local governments with resources to protect and improve lakes, streams and ground water. The first of two phases, resource investigation, involves conducting a diagnostic study and producing an implementation plan. The second phase, project implementation, involves putting in place the best management practices (BMPs) identified in the first phase.

<b>Project</b>	COTTONWD	Cottonwood River Restoration CWP Project
<b>Project</b>	CWPLKHER	Heron Lake CWP Watershed Restoration/Continuation Project
<b>Project</b>	CWPLKSHE	Lake Shetek Area CWP Watershed Improvement Project
<b>Project</b>	CWPRICE	Rice Lake/Lake Koronis Restoration Proj, Phase II, Part II
<b>Project</b>	CWPSQRLK	Square Lake Clean Water Partnership Project

**Organizational Program** MCES Ambient Surface Water Monitoring

<b>Project</b>	MCESCAMP	MCES Citizen-Assisted Lake Monitoring Program
<b>Project</b>	MCES_L	Metropolitan Council Environmental Services Lake Monitoring

**Organizational Program** MPCA Ambient Surface Water Monitoring

<b>Project</b>	BECKCOLA	Becker Coalition of Lake Association (COLA) Monitoring
<b>Project</b>	CARVERLK	Carver County Lakes TMDLs (Excess Nutrients)
<b>Project</b>	CASSWINI	Cass Lake/Lake Winnibigoshish CWP
<b>Project</b>	CD319	319 Project for CD7 and CD32
<b>Project</b>	CHIPTMDL	Chippewa River TMDL Ammonia Sampling
<b>Project</b>	CHUBCK	Chub Creek Watershed Assessment
<b>Project</b>	CLMP	Citizen Lake-Monitoring Program
<b>Project</b>	CLRWATER	Clearwater River and Walker Brook Fecal TMDL
<b>Project</b>	CNTRELM	Center and Elm Watershed Project
<b>Project</b>	CRYSKELL	Crystal Lake/Keller Lake Phase II Improvement Project
<b>Project</b>	CSMP	Citizen Stream-Monitoring Program
<b>Project</b>	CWPCROW R	Crow River CWP Diagnostic Study
<b>Project</b>	CWPFRCRCH	French Lake Clean Water Partnership
<b>Project</b>	CWPGROVE	Grove Lake Restoration Project CWP Phase II
<b>Project</b>	CWPHAWK	Hawk Creek Watershed Project
<b>Project</b>	CWPHIGH	High Island Creek Watershed Assessment Project
<b>Project</b>	CWPJEFF	Jefferson-German Clean Water Partnership
<b>Project</b>	CWPLCOTT	Little Cottonwood River CWP
<b>Project</b>	CWPLONGP	CWP Phase I & II Long Prairie River Management Project
<b>Project</b>	CWPMFCRG	Green Lake Middle Fork Crow River CWP
<b>Project</b>	CWPREDLK	Red Lake Watershed District CWP Monitoring
<b>Project</b>	CWPRUSH	Rush River Assessment Project
<b>Project</b>	CWPSBRT	South Branch Root River CWP
<b>Project</b>	CWPSHKPE	Shakopee Creek CWP Headwaters Project
<b>Project</b>	CWP_CHIP	Chippewa River CWP Watershed Project
<b>Project</b>	CWP_RWR	Redwood River Clean Water Project
<b>Project</b>	CWP_SHAOR	Lake Shaokatan Clean Water Partnership Restoration Project
<b>Project</b>	CWP_YM	Greater Yellow Medicine River Clean Water Partnership

Document/Graphic

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### Minnesota Pollution Control Agency

		Pha II	
<b>Project</b>	DIAMOND	Diamond Lake	
<b>Project</b>	DOUGCOLA	Douglas Coalition of Lake Association (COLA) Monitoring	
<b>Project</b>	ELK_PHOS	Elk River Watershed Phosphorus Reduction 319 Project	Document/Graphic
<b>Project</b>	FARGOMOR	FM River (Fargo ND-Moorhead MN EPA Region 8 EMPACT Project)	
<b>Project</b>	FISHKILL	Fish Kill Investigation	
<b>Project</b>	HUBBCOLA	Hubbard Coalition of Lake Association (COLA) Monitoring	
<b>Project</b>	ITA_SWCD	Itasca County Lake Assessment (includes Jessie L CWP)	
<b>Project</b>	KAWISHIW	Kawishiwi Watershed Monitoring Project	
<b>Project</b>	LAKE	Lake Monitoring Program	
<b>Project</b>	LAKETRND	Lake Trend Monitoring	
<b>Project</b>	LAKE_LAP	Lake Assessment Projects	
<b>Project</b>	LCTMDL	Lower Cannon TMDL Study	
<b>Project</b>	LF_TURB	Little Fork River Turbidity and Sediment Study	
<b>Project</b>	LMISS_FC	Lower Miss Reg Fecal Coliform TMDL-So. Zumbro Bacteria Monit	
<b>Project</b>	LOGANCK	Logan Creek Subwatershed Project	
<b>Project</b>	LONGSPRG	Long and Spring Lakes Restoration Project (Phase I)	
<b>Project</b>	LONGVOC	VOCs in Long Lake, Ramsey County	
<b>Project</b>	MANG_LK	MANGANIKA LAKE	
<b>Project</b>	MERCLKS	Mercury Lakes	
<b>Project</b>	MILE	Minnesota Milestone Site River Monitoring Program	
<b>Project</b>	MINNBELL	Lake Minnie Belle Project	
<b>Project</b>	MISS_INI	Upper Mississippi Information Access Initiative	
<b>Project</b>	MULTI-CO	Multi-County River Monitoring	
<b>Project</b>	NS_LOAD	North Shore Load Project	
<b>Project</b>	OGECHIE	Ogechie-Wetland Sampling Project (319-funded)	
<b>Project</b>	OTCOLA	OtterTail Coalition of Lake Association (COLA) Monitoring	
<b>Project</b>	OTTERTAI	Upper Ottertail River Impaired Waters Project	
<b>Project</b>	PCA-USGS	PCA-USGS Split Study	
<b>Project</b>	PDT_TMDL	Pomme de Terre TMDL Dissolved Oxygen	
<b>Project</b>	PIPE_CR	Pipestone Creek TMDL Project	
<b>Project</b>	POPECOLA	Pope Coalition of Lake Association (COLA) Monitoring	
<b>Project</b>	RAINYLK	Rainy Lake Water Quality Project	Document/Graphic
<b>Project</b>	REDRIVER	Red River Basin Condition Monitoring Network	
<b>Project</b>	REDRTURB	Red River Basin Turbidity TMDL Project	
<b>Project</b>	REDRWTCH	Red River Basin River Watch Project	
<b>Project</b>	REGCOM	Regulatory Compliance	
<b>Project</b>	RNC	River Nutrient Criteria Project	
<b>Project</b>	RWMWD	Ramsey-Washington Metro Watershed District	
<b>Project</b>	RWRTMDL	Redwood River Ammonia TMDL	
<b>Project</b>	SANDLK	Sand Lake Watershed Project	
<b>Project</b>	SARAH_27	Lake Sarah, Hennepin County	
<b>Project</b>	SE_LOW	Southeast Lake of the Woods (Williams Creek) TMDL Project	
<b>Project</b>	SHAOKATN	Lake Shaokatan TMDL (Yellow Medicine R Watershed District)	
<b>Project</b>	SPEC	Special Studies	
<b>Project</b>	SPLTRKCK	Split Rock Creek Low Oxygen TMDL Project	
<b>Project</b>	STCROIX	St. Croix River Basin Nutrient Monitoring	
<b>Project</b>	STEARNS	Stearns County Lake Assessment Project	
<b>Project</b>	SUNR_NBR	North Branch of the Sunrise River TMDL	

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### Minnesota Pollution Control Agency

<b>Project</b>	SWANTMDL	Swan River TMDL
<b>Project</b>	T-TUBE	100 centimeter T-tube study
<b>Project</b>	TRACEMTL	Ambient Trace Metals
<b>Project</b>	TWORWD	Two River Watershed District Water Quality Monitoring
<b>Project</b>	UPPERRED	Upper Red River Basin TMDL
<b>Project</b>	UP_MISS	Upper Mississippi River TMDL Project
<b>Project</b>	VERMFECFL	Vermillion River Watershed Fecal Coliform Bacteria TMDL Study
<b>Project</b>	VRWAS	Vermillion River Load Allocation Project
<b>Project</b>	WF_DES_M	West Fork Des Moines River CWP & TMDL
<b>Project</b>	WHTW_CRW	Whitewater River Middle Fork/Crow Spring Project
<b>Project</b>	WINOSPEC	Winona County Special Study
<b>Project</b>	WWNMP	Whitewater River Watershed National Monitoring Program
<b>Project</b>	YM_FECAL	South Branch Yellow Medicine River Fecal Coliform TMDL Study
<b>Project</b>	YM_TMDL	South Branch Yellow Medicine River TMDL Project
<b>Project</b>	ZUMTMDL	Lake Zumbro TMDL

#### Organizational Program NFCRWD

As of April 2004, North Fork Crow River Watershed District Projects include CD7 and CD32 319 Project (CD319), Grove Lake Restoration Project CWP Phase II (CWPGROVE), Rice Lake/Lake Koronis Restoration Project Phase II, Part II (CWPRICE), and the Crow River CWP Diagnostic Study (CWPCROWR).

<b>Project</b>	CD319	319 Project for CD7 and CD32
<b>Project</b>	CWPCROWR	Crow River CWP Diagnostic Study
<b>Project</b>	CWPGROVE	Grove Lake Restoration Project CWP Phase II
<b>Project</b>	CWPRICE	Rice Lake/Lake Koronis Restoration Proj, Phase II, Part II

#### Organizational Program RCRCA

As of December 2004, Redwood River CWP (CWP\_RWR) and Cottonwood River (COTTONWD)

**Project** None

#### Organizational Program RMB Lake Program

**Project** None

#### Organizational Program SRWD

As of January 2006, Sauk River Watershed District includes six projects: SRWD (Sauk River Watershed District Monitoring), BIGBIRCH (Big Birch Lake grant), BFISHLON (Big Fish Long Lake grant), SRCL (Horseshoe/Sauk River Chain of Lakes grant), CWPOSAKI (Osakis Lake grant), and BIGSAUKL (Big Sauk Lake grant). December 2005, LWRSOUK (Lower Sauk Diagnostic Study Project) was added by the watershed district.

**Project** CWPOSAKI Osakis Lake Watershed Management Project

## Program Summary

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### MONT-DEQ Montana Department of Environmental Quality

<b>Organizational Program</b>	21MTENFR	
		ENFORCEMENT DIVISION; MONITORING BY DEQ STAFF Contact: JOE MEEK Address: 1520 EAST 6TH AVENUE, PO BOX 200901, LEE METCALF BUILDING HELENA MT 59620 Phone: (406) 444-4806
<b>Project</b>	158	WELL INSPECTIONS, PUBLIC WATER SUPPLY SYSTEMS
<b>Project</b>	3	COMPLAINT INVESTIGATION(S), "ENFORCEMENT"
<hr/>		
<b>Organizational Program</b>	21MTGNDW	
		GROUNDWATER; MONITORING BY DEQ STAFF Contact: TIM BYRON Address: 1520 EAST 6TH AVENUE, PO BOX 200901, LEE METCALF BUILDING HELENA MT 596200901 Phone: (406) 444-1454
<b>Project</b>	None	
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<b>Organizational Program</b>	21MTHDWQ	
		SURFACE WATER; MONITORING BY DEQ STAFF Contact: DON MITTELSTAEDT Address: 2209 PHOENIX AVENUE, PO BOX 200901, PHOENIX BUILDING HELENA MT 596200901 Phone: (406) 444-2407
<b>Project</b>	10	REFERENCE STREAM STUDY
<b>Project</b>	100	BEAVER CREEK MONITORING PROGRAM
<b>Project</b>	101	MILLTOWN DAM PROJECT
<b>Project</b>	102	CHAMPION INTERNATIONAL PAPER COMPANY BASELINE DETERMINATION
<b>Project</b>	103	BLACKFOOT RIVER WATER QUALITY MANAGEMENT STUDY
<b>Project</b>	104	TENDERFOOT EXPERIMENTAL FOREST STUDY PROGRAM
<b>Project</b>	108	MIKE HORSE MINE RESERVOIR DAM
<b>Project</b>	109	WOLF CREEK WATER QUALITY INVESTIGATION
<b>Project</b>	110	MISSOURI RIVER MONITORING PROGRAM
<b>Project</b>	111	HUGHEVILLE, MT., ABANDONED MINES STUDY
<b>Project</b>	113	FLATHEAD BASIN, 208 PROGRAM (APO)
<b>Project</b>	118	LAKE EUTROPHICATION STUDY
<b>Project</b>	12	ECO-REGION REFERENCE STREAM MONITORING PROGRAM
<b>Project</b>	121	SUN RIVER PRODUCTIVITY STUDY
<b>Project</b>	122	HOT SPRINGS CREEK RECOVERY PROGRAM
<b>Project</b>	123	JIM CREEK AREA LOGGING STUDY
<b>Project</b>	124	VAUGHN, MT., 'SLOUGH' STUDY
<b>Project</b>	126	MUDDY CREEK MONITORING PROGRAM
<b>Project</b>	127	CHARLES M. RUSSELL NATIONAL WILDLIFE REFUGE
<b>Project</b>	128	WETLANDS BIOCRITERIA DEVELOPMENT, 1993-1994
<b>Project</b>	129	LAKES INVENTORY
<b>Project</b>	13	TONGUE RIVER RESERVOIR STUDY
<b>Project</b>	130	SWAN LAKE MONITORING PROGRAM
<b>Project</b>	136	ASHLEY CREEK MONITORING PROGRAM
<b>Project</b>	139	DRY FORK MARIAS RIVER STUDY
<b>Project</b>	141	FORT PECK LAKE, 208 PROGRAM (APO)
<b>Project</b>	142	ASARCO TROY MINING PROJECT (EIS)
<b>Project</b>	147	LAKE CREEK MONITORING PROGRAM
<b>Project</b>	149	W.R. GRACE ZONOLITE MINE MONITORING PROGRAM



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### MONT-DEQ

### Montana Department of Environmental Quality

Project	150	LAKES BIO-ASSESSMENT STUDY PROGRAM
Project	151	COMINCO, SANTE FE MINE, EXPLORATION PROJECT MONITORING PROGR
Project	16	YELLOWSTONE RIVER STUDY
Project	163	FREEZEOUT LAKE MANAGEMENT PROJECT
Project	169	WARD MOUNTAIN FIRE STREAM RESEARCH
Project	17	ROCK CREEK METALS SURVEY
Project	170	CLARKES FORK OF THE YELLOWSTONE GROUNDWATER PROJECT
Project	171	COLONY MONITORING WELL STUDY
Project	172	UPPER/LOWER RIVER ROAD GW ASSESSMENT, GREAT FALLS
Project	173	MONTANA WELLHEAD PROTECTION PROGRAM
Project	174	SWAN LAKE OXYGEN DEPLETION STUDY
Project	18	AMMONIA TOXICITY STUDY
Project	193	TMDL MONITORING PROGRAM
Project	195	DOG CREEK - TMDL PRORAM
Project	2	HEBGEN LAKE STUDY
Project	201	DATABASE TESTING & EVALUATIONS @ DEQ
Project	22	AMBIENT MONITORING, GENERAL USAGE
Project	23	305(B) MONITORING PROGRAM
Project	25	AGRICULTURAL STUDY, 208 PROGRAM (APO)
Project	27	YELLOWSTONE RIVER, MIDDLE, 208 PROGRAM (APO)
Project	28	YELLOWSTONE RIVER, TONGUE RIVER, 208 PROGRAM (APO)
Project	30	HAMBY LAKE MONITORING PROGRAM
Project	31	WATER BODY SYSTEM (WBS), STREAM ASSESSMENT
Project	32	BIG SKY SKI RESORT, SPECIAL BENTHIC STUDY
Project	33	BIG SKY SKI RESORT, WATER QUALITY STUDY PROGRAM
Project	34	BIOLOGICAL MONITORING, 208 PROGRAM (APO)
Project	37	LAKES, WATER QUALITY ASSESSMENT STUDY
Project	4	SALINE SEEP STUDY, STATE-WIDE
Project	42	LAKE RESTORATION STUDY
Project	43	CERIODAPHNIA BIOASSAY STUDY
Project	45	EAST GALLATIN RIVER RECOVERY PROGRAM
Project	46	BRIDGER CREEK BASELINE PROGRAM
Project	47	CANYON CREEK MONITORING, 208 PROGRAM (APO)
Project	49	CLARK FORK RIVER ASSESSMENT, 1988
Project	51	PIPESTONE CREEK, WATER QUALITY INVESTIGATION
Project	52	COLSTRIP, MONTANA: WATER QUALITY INVESTIGATION
Project	55	FIVE VALLEYS MONITORING PROGRAM, 208 PROGRAM (APO)
Project	56	RESOURCE CONSERVATION RECOVERY ACT (RCRA)
Project	57	WATER POLLUTION CONTROL MONITORING PROGRAM
Project	58	BEAL MOUNTAIN MINING COMPANY INSPECTION
Project	59	ANACONDA-CLARK FORK RIVER STUDY
Project	60	BASIN 076G STUDY

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### MONT-DEQ

#### Montana Department of Environmental Quality

Project	61	CLARK FORK BASIN MONITORING PROJECT
Project	62	BOULDER RIVER STUDY
Project	63	WARM SPRINGS PONDS STUDY
Project	65	FLINT CREEK STUDY PROGRAM
Project	66	CLARK FORK RIVER ASSESSMENT, 1989
Project	67	ELKHORN MOUNTAINS MINING DISTRICT MONITORING PROGRAM
Project	68	CROW CREEK NUTRIENT LEVEL STUDY PROGRAM
Project	69	BITTERROOT RIVER RECOVERY PROGRAM
Project	71	CUMBERLAND MINING COMPANY MONITORING PROGRAM
Project	72	CYANIDE POLLUTION MONITORING PROGRAM
Project	73	DEEP CREEK WATERSHED PROJECT
Project	74	MUSSELSHELL RIVER BASIN WATER QUALITY MANAGEMENT PLAN
Project	76	DEER LODGE, MONTANA, BEAUTIFICATION PROGRAM
Project	78	CRYSTAL MINE MONITORING PROGRAM
Project	79	SPRING CREEK SURVEY PROGRAM
Project	80	PRICKLY PEAR CREEK STUDY
Project	82	INDIAN CREEK WATER QUALITY MONITORING PROGRAM
Project	83	MISSOURI RIVER, UPPER, NUTRIENT LEVEL STUDY
Project	84	CLARK FORK RIVER FLOW RESERVATION (EIS)
Project	87	DIATOM PROJECT
Project	89	TENMILE CREEK, MINING ACTIVITY DRAINAGE STUDY
Project	9	COOKE CITY PROJECT
Project	90	BITTERROOT RIVER STUDY PROGRAM
Project	91	1988, POST-FIRE MONITORING PROGRAM
Project	93	DRINKING WATER MONITORING PROGRAM
Project	94	TENMILE CREEK DRAINAGE, MINING ACTIVITY STUDY
Project	95	PERIPHYTON STUDY
Project	96	CANYON FERRY LAKE WATER QUALITY ASSESSMENT STUDY
Project	98	PRICKLY PEAR CREEK INVERTEBRATE STUDY

#### Organizational Program 21MTPERM

PERMITTED FACILITIES; MONITORING BY DEQ STAFF Contact: SAM MARTINEZ  
Address: 1520 EAST 6TH AVENUE, PO BOX 200901, LEE METCALF BUILDING HELENA  
MT 596200901 Phone: (406) 444-0917

Project	106	MIKE HORSE MINE SURVEILLANCE PROJECT
Project	11	COMPLIANCE MONITORING
Project	119	OIL WELL SITE INSPECTION
Project	131	ZORTMAN-LANDUSKY MINE MONITORING PROGRAM
Project	132	ASARCO ROCK CREEK MINING PROJECT BASELINE
Project	133	U.S. BORAX MINING COMPANY EXPLORATION MONITORING PROGRAM
Project	134	NORANDA MINING COMPANY, MONTANORE PROJECT, EXPLORATION MONIT
Project	14	WATER POLLUTION CONTROL PROGRAM
Project	143	SNOWSHOE MINE MONITORING PROGRAM
Project	144	U.S. HIGHWAY 2 MONITORING PROGRAM

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### MONT-DEQ

### Montana Department of Environmental Quality

<b>Project</b>	194	HOT MIX ASPHALT PLANT PROJECT
<b>Project</b>	21	BASELINE STUDIES (MPDES)
<b>Project</b>	36	STILLWATER RIVER, JOHNS MANSVILLE COMPANY MONITORING
<b>Project</b>	50	CALVERT MINE MONITORING PROGRAM
<b>Project</b>	53	WESTERN ENERGY COAL COMPANY MONITORING
<b>Project</b>	6	SURVEILLANCE MONITORING
<b>Project</b>	85	EMERY RIDGE BASELINE STUDY

### Organizational Program 22MTHDWQ

SURFACE WATER; MONITORING BY FACILITY OR CONTRACTOR Contact: DON MITTELSTAEDT Address: 2209 PHOENIX AVENUE, PO BOX 200901, PHOENIX BUILDING HELENA MT 596200901 Phone: (406) 444-2407

<b>Project</b>	1	FOREST STUDY, 208 PROGRAM (APO)
<b>Project</b>	105	CUSTER NATIONAL FOREST WATER QUALITY (USFS)
<b>Project</b>	107	BELT CREEK RS SPRAY IRRIGATION PROJECT
<b>Project</b>	112	BIG SPRING CREEK RECOVERY MONITORING PROGRAM
<b>Project</b>	114	LINCOLN COUNTY LAKES STUDY
<b>Project</b>	115	LEWISTOWN, MT. MINING ACTIVITY STUDY (BLM)
<b>Project</b>	116	FLATHEAD BASIN IRRIGATION SYSTEMS STUDY
<b>Project</b>	117	U.S. FOREST SERVICE MONITORING PROGRAM
<b>Project</b>	120	FORT SHAW IRRIGATION SYSTEM STUDY
<b>Project</b>	125	THOMPSON RIVER FISH PRODUCTIVITY STUDY (F&G)
<b>Project</b>	135	BIOLOGICAL STATION (U OF M)
<b>Project</b>	137	HARD-ROCK, ACID-MINE, MONITORING PROGRAM (FW&P)
<b>Project</b>	138	BLACKFOOT RIVER BASIN, 208 PROGRAM (APO)
<b>Project</b>	140	BIRCH CREEK STUDY (SCS)
<b>Project</b>	145	BLACKFEET INDIAN NATION, 208 PROGRAM (APO)
<b>Project</b>	146	POPLAR RIVER STUDY (F&G)
<b>Project</b>	148	TALLY LAKE DISTRICT MONITORING PROGRAM (USFS)
<b>Project</b>	15	PLACER MINING MONITORING PROGRAM (FW&P)
<b>Project</b>	152	MACROPHYTE STUDY (F&G)
<b>Project</b>	153	FISHERIES PRODUCTIVITY STUDY
<b>Project</b>	154	NON-POINT SOURCE (NPS), GODFREY CREEK
<b>Project</b>	155	NON-POINT SOURCE (NPS), OTTER CREEK
<b>Project</b>	156	NON-POINT SOURCE (NPS), BIG OTTER CREEK
<b>Project</b>	157	NEVADA CREEK WATER QUALITY IMPROVEMENT PROJECT
<b>Project</b>	159	MCDONALD GOLD PROJECT, SEVEN-UP PETE JOINT VENTURE
<b>Project</b>	161	NON-POINT SOURCE (NPS), EAST SPRING CREEK
<b>Project</b>	162	NON-POINT SOURCE (NPS), DEEP CREEK
<b>Project</b>	164	NON-POINT SOURCE (NPS), NEVADA CREEK DEMONSTRATION PROJECT
<b>Project</b>	165	NON-POINT SOURCE (NPS), THREEMILE CREEK PROJECT
<b>Project</b>	166	NON-POINT SOURCE (NPS), NINEMILE CREEK
<b>Project</b>	167	DISSOLVED OXYGEN (LAKE PROFILES)
<b>Project</b>	168	KOOTENAI AND FLATHEAD NAT'L FOREST RNA

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## MONT-DEQ

### Montana Department of Environmental Quality

		STUDY
<b>Project</b>	184	LOREN BAHLS'S DIATOM SAMPLING
<b>Project</b>	185	NON-POINT SOURCE (NPS), BUTCHER CREEK
<b>Project</b>	187	SILVERBOW CREEK DISSOLVED OXYGEN STUDY
<b>Project</b>	188	SEPTIC TANK PUMPERS DISCHARGE FACILITIES
<b>Project</b>	189	WETLANDS BIOCRITERIA DEVELOPMENT, 1997-1998
<b>Project</b>	191	MONTANA POWER COMPANY (MPC)
<b>Project</b>	192	FLATWILLOW CREEK
<b>Project</b>	20	CROW INDIAN NATION, 208 PROGRAM (APO)
<b>Project</b>	203	FLATHEAD LAKE BIOLOGICAL STATION
<b>Project</b>	24	DEPARTMENT OF STATE LANDS (DSL), MONITORING PROGRAM
<b>Project</b>	26	ABANDONED MINE LANDS (DSL)
<b>Project</b>	29	TONGUE RIVER DRAINAGE STUDY (BLM)
<b>Project</b>	35	ACID RAIN STUDY (USFS)
<b>Project</b>	38	ACID RAIN STUDY (FW&P)
<b>Project</b>	39	PRIVATE SAMPLE
<b>Project</b>	40	ARSENIC LEVEL STUDY (WQB-TECH)
<b>Project</b>	41	NON-POINT SOURCE (NPS), DEMONSTRATION PROJECT
<b>Project</b>	48	MADISON RIVER, ARSENIC LEVEL STUDY
<b>Project</b>	5	BUREAU OF LAND MANAGEMENT (BLM) STUDY
<b>Project</b>	54	COAL MINING DEVELOPMENT STUDY (FW&P)
<b>Project</b>	64	GEORGETOWN LAKE PROJECT (F&G)
<b>Project</b>	7	PLUM CREEK TIMBER COMPANY (PCTC), MONITORING PROGRAM
<b>Project</b>	70	WESTERN VERMICULITE MINING COMPANY (DSL)
<b>Project</b>	75	CLARK FORK RIVER STUDY (F&G)
<b>Project</b>	77	BASIN CREEK STUDY (FW&P)
<b>Project</b>	8	YELLOWSTONE RIVER PROJECT (F&G)
<b>Project</b>	81	PRICKLY PEAR CREEK BIOASSAY STUDY (FW&P)
<b>Project</b>	86	DEER LODGE, MT. WWT LAGOON STUDY (FW&P)
<b>Project</b>	88	PARK LAKE, FISH PRODUCTIVITY STUDY (F&G)
<b>Project</b>	92	CLARK FORK RIVER, LOWER, FISHERIES STUDY (FW&P)
<b>Project</b>	97	POST-FLOOD SAMPLING (FW&P)
<b>Project</b>	99	BUFFALO RAPIDS IRRIGATION SYSTEM MONITORING PROGRAM

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#### Organizational Program 22MTLAND

LANDFILL FACILITIES; MONITORING BY FACILITY OR CONTRACTOR Contact: PAT CROWLEY Address: WASTE MANAGEMENT DIVISION, 1520 EAST 6TH AVENUE, PO BOX 200901, LEE METCALF BUILDING HELENA MT 596200901 Phone: (406) 444-5294

<b>Project</b>	160	LANDFILL FACILITIES, LICENSED, CLASS II
<b>Project</b>	186	LANDFILL FACILITIES, LICENSED, CLASS III
<b>Project</b>	190	SOLID WASTE FACILITIES, PERMITTED, MISCELLANEOUS

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#### Organizational Program 22MTMINE

HARD ROCK MINING; MONITORING BY FACILITY OR CONTRACTOR Contact: SHELLIE HAALAND Address: 1520 EAST 6TH AVENUE, PO BOX 200901, LEE METCALF BUILDING HELENA MT 59620 Phone: (406) 444-5310

## Program Summary

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**MONT-DEQ**

### Montana Department of Environmental Quality

<b>Project</b>	200	STILLWATER MINE
<b>Project</b>	202	BEAL MOUNTAIN MINE
<b>Project</b>	204	MONTANORE MINE
<b>Project</b>	205	HISTORIC MINE
<b>Project</b>	44	HARD ROCK MINING PROJECT

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**Organizational Program** 22MTPERM

PERMITTED FACILITIES; MONITORING BY FACILITY OR CONTRACTOR Contact: SAM MARTINEZ Address: 1520 EAST 6TH AVENUE, PO BOX 200901, LEE METCALF BUILDING HELENA MT 596200901 Phone: (406) 444-0917

<b>Project</b>	19	PERMITTED FACILITIES MONITORING, (MPDES)
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## Program Summary

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### MRSENVMB

### Marine Research

#### Organizational Program

Morro Bay/Cayucos Sanitary District NPDES Monitoring Program  
Currently a 301(h) waiver

<b>Project</b>	EC032H	MBCSD 301(h) Effluent Chemistry 2nd Half-Year 2003	<a href="#">Document/Graphic</a>
<b>Project</b>	EC041H	MBCSD 301(h) Effluent Chemistry 1st Half-Year 2004	<a href="#">Document/Graphic</a>
<b>Project</b>	EC042H	MBCSD 301(h) Effluent Chemistry 2nd Half-Year 2004	<a href="#">Document/Graphic</a>
<b>Project</b>	EC051H	MBCSD 301(h) Effluent Chemistry 1st Half-Year 2005	<a href="#">Document/Graphic</a>
<b>Project</b>	EP2003	Effluent Sampling for Wastewater Properties 2003	
<b>Project</b>	EP2004	Effluent Sampling for Wastewater Properties 2004	
<b>Project</b>	EP2005	Effluent Sampling for Wastewater Properties 2005	
<b>Project</b>	IP2003	Influent Sampling for Wastewater Properties 2003	
<b>Project</b>	IP2004	Influent Sampling for Wastewater Properties 2001	
<b>Project</b>	IP2005	Influent Sampling for Wastewater Properties 2005	
<b>Project</b>	WQ03_3Q	MBCSD 301(h) Water Quality Monitoring 3rd Quarter 2003	<a href="#">Document/Graphic</a>
<b>Project</b>	WQ03_4Q	MBCSD 301(h) Water Quality Monitoring 4th Quarter 2003	<a href="#">Document/Graphic</a>
<b>Project</b>	WQ04_1Q	MBCSD 301(h) Water Quality Monitoring 1st Quarter 2004	<a href="#">Document/Graphic</a>
<b>Project</b>	WQ04_2Q	MBCSD 301(h) Water Quality Monitoring 2nd Quarter 2004	<a href="#">Document/Graphic</a>
<b>Project</b>	WQ04_3Q	MBCSD 301(h) Water Quality Monitoring 3rd Quarter 2004	<a href="#">Document/Graphic</a>
<b>Project</b>	WQ04_4Q	MBCSD 301(h) Water Quality Monitoring 4th Quarter 2004	<a href="#">Document/Graphic</a>
<b>Project</b>	WQ05_1Q	MBCSD 301(h) Water Quality Monitoring 1st Quarter 2005	<a href="#">Document/Graphic</a>
<b>Project</b>	WQ05_2Q	MBCSD 301(h) Water Quality Monitoring 2nd Quarter 2005	<a href="#">Document/Graphic</a>

## Program Summary

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**MWRDSTOR**      **Metropolitan Water Reclamation District of Greater Chicago**

**Organizational Program**    Ambient Water Quality Monitoring Monitoring Network

**Project**    AWQMN      AMBIENT WATER QUALITY MONITORING NETWORK

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## Program Summary

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### **OKCONCOM Oklahoma Conservation Commission**

**Organizational Program** Non Point Source Monitoring

The current NPS Working Group is made up of 39 members from a variety of backgrounds, collected to include a broad representation of State, federal, and local agencies as well as special interest entities, environmental groups, and Native American representatives in the process of directing NPS pollution management. The NPS Working Group acts in a peer-review manner by providing input, opinions, and constructive criticism regarding the development and implementation of NPS policy and programs. The specific function of the group is divided into five purposes:

- Assist in the revision of the NPS Management Plan;
- Confirm the process of selecting priority watersheds;
- Provide consensus in the planning of work in priority watersheds;
- Develop in-state leadership regarding NPS issues; and
- Promote consistency between State-State and Federal-State NPS policies

**Project** None

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## Program Summary

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**PREQB-GW**

**Puerto Rico**

**Organizational Program** Well monitoring program

Routine well monitoring network sampling

**Project** WELL PERMANENT WELL MONITORING NETWORK

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## Program Summary

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### SRMTAKNY St. Regis Mohawk Tribe (New York)

**Organizational Program** EPA Wetland Protection

<b>Project</b>	WLWQ -00	Wetland Water Quality 2000
<b>Project</b>	WLWQ-01	Wetland Water Quality 2001
<b>Project</b>	WLWQ-98	Wetland Water Quality 1998

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**Organizational Program** Wetland Water Quality Monitoring Program

This monitoring project will look for any changes in the water quality of wetlands in Akwesasne. Wetland monitoring will be using a YSI data logger 6000 series and sonde. The instrument will collect a number of water quality parameters to be measured such as ph, conductivity, dissolved oxygen, temperature, turbidity and depth. A reading above or below basic water standards indicates a problem.

<b>Project</b>	WLWQ-01	Wetland Water Quality 2001
<b>Project</b>	WLWQ-98	Wetland Water Quality 1998

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## Program Summary

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### TDECDOE Tennessee Department of Environment and Conservation

**Organizational Program** Environmental Monitoring Program

Provides both confirmatory and non-routine monitoring of the Oak Ridge Reservation (ORR).  
Monitoring activities include surface water, groundwater, safe drinking water, and biological.

<b>Project</b>	SEDIMENT	Clinch River Ambient Sediment Monitoring Program
<b>Project</b>	SW_BIO	Surface Water Monitoring at Biological Sites
<b>Project</b>	WATER	Clinch River Ambient Surface Water Monitoring Program

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## Program Summary

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### TDECWPC Tennessee Department of Environment and Conservation

**Organizational Program** WATER POLLUTION CONTROL

The purpose of the Division of Water Pollution Control's water quality monitoring program is to provide a measure of Tennessee's progress towards meeting the goals established in the Federal Clean Water Act and the Tennessee Water Quality Control Act.

<b>Project</b>	21TNECO	Tennessee Ecoregion Project
<b>Project</b>	21TNWQ	Surface Water Monitoring Program
<b>Project</b>	21TNWSM	WATERSHED MANAGEMENT PROJECT

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## Program Summary

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**UAAENRI1**

**UAA ENRI (Alaska)**

**Organizational Program** Biological Monitoring and Assessment Program (BMAP)

**Project** None

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## Program Summary

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**UDWC**                      **Upper Deschutes Watershed Council (Oregon)**

**Organizational Program**    Water Quality Monitoring Program

**Project**    WQMP                      Water Quality Monitoring Program

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## Program Summary

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**U\_NH01**

**University of N H Center for Freshwater Biology (New Hampsh)**

**Organizational Program** UNIVERSITY OF NEW HAMPSHIRE LAY LAKES MONITORING PROGRAM

**Project** UNHLLMP UNH LAY LAKES MONITORING PROGRAM

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## Program Summary

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### **WASISWCD      Wasilla SWCD (Alaska)**

**Organizational Program**    Matanuska-Susitna Watershed Conservation Project

Biological and chemical water quality monitoring at selected creek sites. Wetland weed survey at selected creek sites and at mouth of Cottonwood and Wasilla Creek in Palmer Hay Flats Game Refuge. Project also includes stewardship education at a community level, volunteer level, and school level.

**Project**    None

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## Program Summary

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### WSSC Water Sentinels Sierra Club (Epa Region 7)

**Organizational Program** KY Water Sentinels-West  
WQ monitoring in W KY

**Project** None

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**Organizational Program** Michigan water sentinels  
Mi water qulaity monitoring

**Project** None

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**Organizational Program** Missouri water sentinels  
Missouri water qualtiy monitoring

**Project** WSSC-MO Missouri water sentinels

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**Organizational Program** Ohio water sentinels  
WQ monitoring in Ohio

**Project** None

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**Organizational Program** TX Water Sentinels  
WQ monitoring in TX

**Project** None

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# Program Summary

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**WY-DEQ**

## Wyoming Dept. of Environmental Quality

**Organizational Program** Watershed Monitoring

The Watershed Program of the Water Quality Division works to control and prevent water pollution through the use of both numeric and narrative stream water quality standards. The Watershed Program is also responsible for the preparation and triennial review of the water quality standards and for the facilitation of watershed plans on impaired waterbodies of the state. This work is conducted through the monitoring and analyses of biologic, chemical and physical data, in collaboration with various entities.

<b>Project</b>	BURP	Beneficial Use Reconnaissance Project
<b>Project</b>	REF	Reference Stream Project

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## Program Summary

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### STORET-X Dummy Org Code. Owns National Tables. Invisible

<b>National Program</b>	Chesapeake Bay Nutrient Clean-up
	This multi-org program includes Projects from all the Commission Cooperating Organizations which deal with the nutrient control in the Chesapeake Bay.
<b>Project</b>	BASIN WATERSHED RESTORATION ACTION PLAN : QAPP 319(h) MONITORING
<b>Project</b>	BC1994 Bear Creek Watershed Association Water Quality Monitoring Pr
<b>Project</b>	CBCP-001 Water Quality and Biological Health of the Chesapeake Bay
<b>Project</b>	ISWQN Interstate Stream Water Quality Network
<b>Project</b>	PRJ-001 Sediment Chemistry
<b>Project</b>	WW2003 Wastewater Treatment Plants 2003

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