TRAILS ILLUSTRATED Map™

NATIONAL GEOGRAPHIC

Apostle Islands

National Lakeshore

Wisconsin, USA

235

• Hiking • Canoeing • Kayaking • Camping • Fishing
• Water Mileage Chart • Gaylord Nelson Wilderness Area

• Waterproof • Tear-resistant
• Revised Regularly

Outdoor Recreation Map

www.nationalgeographic.com/maps

Photo: © National Park Service, David Shoecher

REGIONAL TRAILS ILLUSTRATED TITLES

LEGEND

- Visitor Center
- Ranger Station
- Campground (Individual and Group Sites)
- Group Campsite (8 - 20 people)
- Individual Campsite (up to 7 people)
- Picnic Area
- Lighthouse
- Point of Interest
- Marina
- Boat Launch
- Kayak Launch
- Chalet
- Downhill Ski Area
- Cross-Country Ski Area
- Snowmobile Area
- State Highway, County Road
- Forest Service: Road, Trail
- Soundings (in Feet)
- Secondary Highway
- Select-Paved Highway
- Improved Road
- Improved Light Duty
- Trail
- National Lakeshore Bdry
- National Forest Boundary
- State Park Boundary
- Reservation Boundary
- Non-Wilderness Area (within Gaylord Nelson Wilderness)
- State Land
- County Forest
- Fish Refuge
- Sea Cave

Approximate Scale 1:50,000
1 inch = 0.8 mile
1 centimeter = 0.5 kilometer
0 1/2 1 Mile
0 1/2 1 Kilometer
Contour Interval = 25 feet

NATIONAL GEOGRAPHIC TRAILS ILLUSTRATED maps are based on USGS information, modified and revised by NATIONAL GEOGRAPHIC MAPS in cooperation with the National Park Service, USDA Forest Service, Wisconsin Department of Natural Resources, and Bayfield County Land Records Department. Additions or deletions are made to the USGS base to reflect current recreational information and to comply with the land management agency's resource protection policy. This map is revised regularly. However, changes do occur between map revisions. Check with the local agency for information before your visit. We welcome your input if you discover conditions other than as shown on the map. Send us a copy of the area in question noting your suggestion and it will be reviewed for the next revision.

NATIONAL GEOGRAPHIC maps are printed on a 100% plastic material which is waterproof and tear-resistant with normal use. If the map gets wet and the pages freeze together, thaw the frozen map before opening. Keep your plastic map away from petroleum products, such as solvents, stove fuel and sunscreens, which can potentially smear the map's ink.

No part of this map may be reproduced without the written permission of the publisher. NATIONAL GEOGRAPHIC MAPS and the NATIONAL GEOGRAPHIC SOCIETY are in no way responsible for personal injury, damage to property, or violation of the law in connection with the use of their maps.

Your support is a vital part of NATIONAL GEOGRAPHIC's ongoing mission to increase global understanding and promote conservation of our planet through exploration, research and education. For information about the NATIONAL GEOGRAPHIC SOCIETY and its programs and publications, or to become a member, please call 800-NGS-LINE (647-5463).

NATIONAL GEOGRAPHIC MAPS publishes more than 60 maps of areas within the national park system and more than 100 maps covering national forests and recreation areas across the United States. For additional information, or for a free catalog, contact:

National Geographic Maps
P.O. Box 4357
Evergreen, Colorado
80437-4357
(800) 962-1643 • (303) 670-3457
www.nationalgeographic.com/maps

ISBN 1-566-95-006-2
ISBN 978-1-566-95006-4
EAN 9 781566 950084

© 1993 by NATIONAL GEOGRAPHIC SOCIETY. All rights reserved.
Revised 2007

GPS WAYPOINTS

N46° 25.23′ W109° 32.74′ 614979mE 5202087mN

Selected waypoints are located on this map. Latitude/longitude and UTM coordinates are located along the map border. In addition to the border coordinates, 5000 meter UTM grid ticks, Zone 15T, (shown in blue) are located throughout the map. When used with map datum NAD 27, these coordinates provide an approximate location fix.

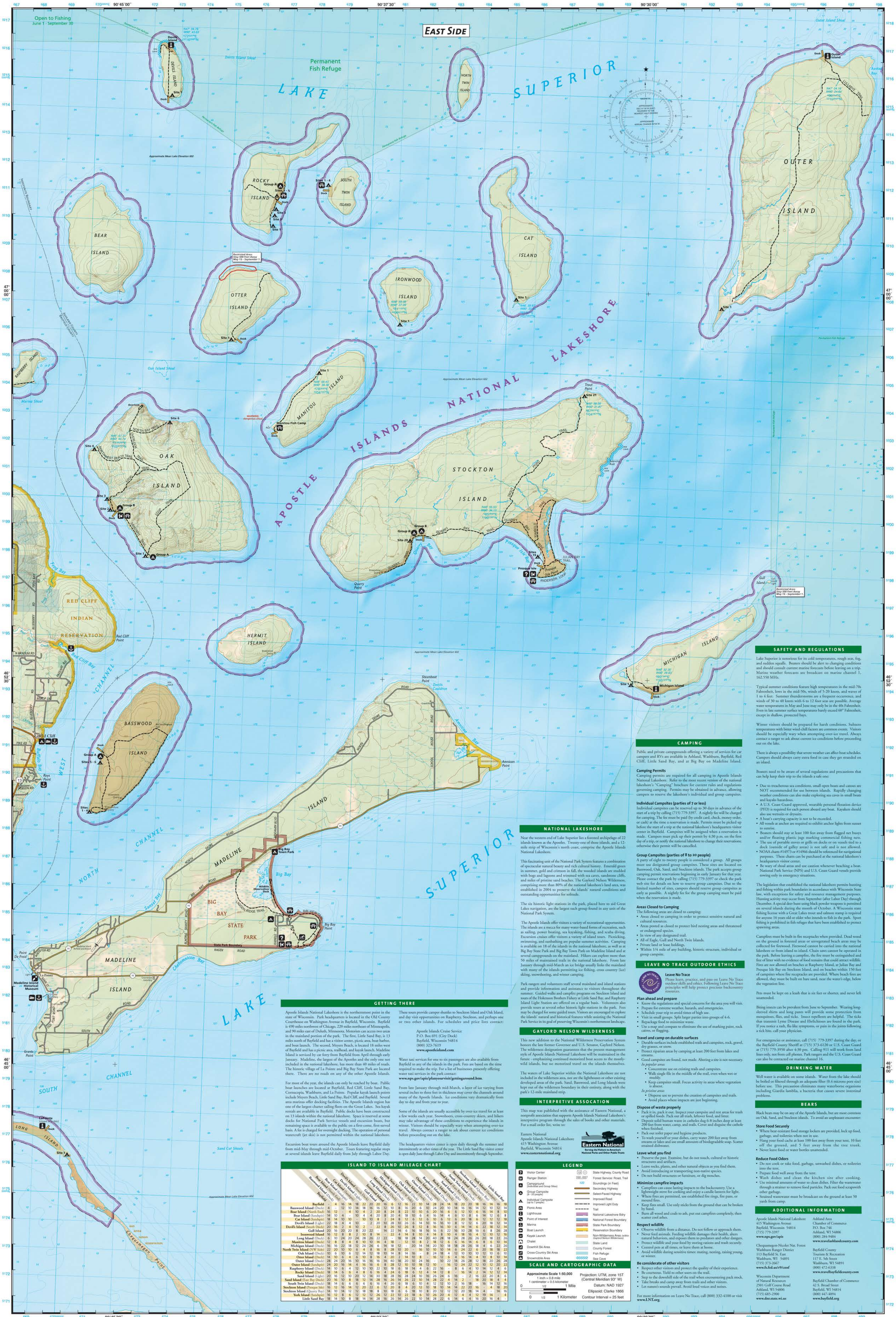
ISLAND TO ISLAND MILEAGE CHART

	Bayfield	Basswood Island (Dock)	Bear Island (North End)	Bear Island (Sandspit)	Cat Island (Sandspit)	Devil's Island (Light)	Devil's Island (South Dock)	Gull Island	Ironwood Island	Long Island (Dock)	Manitou Island (Dock)	Michigan Island (Dock)	North Twin Island (NW Side)	Oak Island (Dock)	Otter Island (Dock)	Outer Island (Dock)	Outer Island (Sandspit)	Raspberry Island (Dock)	Rocky Island (Dock)	Sand Island (Light)	Sand Island (East Bay Dock)	South Twin Island (Dock)	Stockton Island (Presque Isle)	Stockton Island (Quarry Bay)	York Island (Sandspit)	Little Sand Bay
Bayfield	-	4	16	14	18	22	20	20	16	6	12	16	22	10	14	28	24	14	18	20	20	18	16	14	16	18
Basswood Island (Dock)	4	-	12	10	14	18	16	16	12	10	8	16	20	6	10	24	20	10	14	16	16	14	12	10	12	14
Bear Island (North End)	16	12	-	4	10	4	2	20	8	24	8	22	10	10	6	20	16	6	6	12	10	6	16	14	8	10
Bear Island (Sandspit)	14	10	4	-	10	4	4	20	8	20	4	18	10	6	4	16	14	4	6	10	8	6	14	12	6	8
Cat Island (Sandspit)	18	14	10	10	-	10	10	8	2	24	8	12	6	12	6	10	6	12	6	20	18	6	12	12	12	18
Devil's Island (Light)	22	18	4	4	10	-	2	20	10	28	10	26	6	14	10	16	16	10	8	12	12	6	20	18	12	14
Devil's Island (South Dock)	20	16	2	4	10	2	-	22	8	26	10	26	8	12	8	16	16	10	6	14	14	6	22	18	12	14
Gull Island	20	16	20	20	8	20	22	-	14	22	14	6	16	18	16	16	6	22	16	30	28	16	6	8	26	28
Ironwood Island	16	12	8	8	2	10	8	14	-	22	4	14	8	10	4	14	8	10	4	18	16	4	12	10	12	16
Long Island (Dock)	6	10	24	20	24	28	26	22	22	-	18	18	28	14	20	40	28	18	24	28	26	26	20	18	22	26
Manitou Island (Dock)	12	8	8	4	8	10	10	14	4	18	-	12	10	8	2	18	12	6	6	16	14	6	8	6	10	14
Michigan Island (Dock)	16	16	22	18	12	26	26	6	14	18	12	-	20	14	14	20	10	18	18	28	26	18	4	6	22	26
North Twin Island (NW Side)	22	20	10	10	6	4	8	16	8	28	10	20	-	16	10	10	10	14	6	24	22	6	20	18	18	22
Oak Island (Dock)	10	6	10	6	12	14	12	18	10	14	8	14	16	-	8	24	18	4	12	10	10	10	12	10	6	10
Otter Island (Dock)	14	10	6	4	6	10	8	16	4	20	2	14	10	8	-	16	12	6	4	16	14	4	10	8	10	14
Outer Island (Dock)	28	24	20	16	10	16	16	16	14	40	18	20	10	24	16	-	10	22	14	26	28	12	18	20	26	28
Outer Island (Sandspit)	24	20	16	14	4	16	16	6	8	28	12	10	10	18	12	10	-	16	12	24	22	12	10	12	20	22
Raspberry Island (Dock)	14	10	6	4	12	10	10	22	10	18	6	18	14	4	6	22	16	-	8	6	4	10	14	12	4	6
Rocky Island (Dock)	18	14	6	6	4	8	6	16	4	24	6	18	6	12	4	14	12	8	-	16	14	2	14	12	12	14
Sand Island (Light)	20	16	12	10	20	12	14	30	18	28	16	28	24	10	16	26	24	6	16	-	2	16	22	20	4	6
Sand Island (East Bay Dock)	20	16	10	8	18	12	14	28	16	26	14	26	22	10	14	28	22	4	14	2	-	18	20	18	4	4
South Twin Island (Dock)	18	14	6	6	6	6	6	16	4	26	6	18	6	10	4	12	12	10	2	16	18	-	16	14	12	16
Stockton Island (Presque Isle)	16	12	16	14	12	20	22	6	12	20	8	4	20	12	10	18	10	14	14	22	20	16	-	4	18	20
Stockton Island (Quarry Bay)	14	10	14	12	12	18	18	8	10	18	6	6	18	10	8	20	12	12	12	20	18	14	4	-	14	16
York Island (Sandspit)	16	12	8	6	12	12	12	26	12	22	10	22	18	6	10	26	20	4	12	4	4	12	19	14	-	4
Little Sand Bay	18	14	10	8	18	14	14	28	16	26	14	26	22	10	14	28	22	6	14	6	4	16	20	16	4	-

GAYLORD NELSON WILDERNESS

This new addition to the National Wilderness Preservation System honors the late former Governor and U.S. Senator, Gaylord Nelson. The wilderness designation guarantees that the present management style of Apostle Islands National Lakeshore will be maintained in the future - emphasizing continued motorized boat access to the mostly-wild islands, but no motorized travel on the islands themselves.

The waters of Lake Superior within the National Lakeshore are not included in the wilderness area, nor are the lighthouses or other existing developed areas of the park. Sand, Basswood, and Long Islands were kept out of the wilderness boundary in their entirety, along with the park's 12-mile mainland strip.



NATIONAL LAKESHORE

Near the western end of Lake Superior lies a forested archipelago of 22 islands known as the Apostles. Twenty-one of those islands, and a 12-mile strip of Wisconsin's north coast, comprise the Apostle Islands National Lakeshore.

This fascinating unit of the National Park System features a combination of spectacular natural beauty and rich cultural history. Emerald green in summer, gold and crimson in fall, the wooded islands are studded with bogs and lagoons and trimmed with sea caves, sandstone cliffs, and miles of pristine sand beaches. The Gaylord Nelson Wilderness, comprising more than 80% of the national lakeshore's land area, was established in 2004 to preserve the islands' natural conditions and outstanding opportunities for solitude.

The six historic light stations in the park, placed here to aid Great Lakes navigation, are the largest such group found in any unit of the National Park System.

The Apostle Islands offer visitors a variety of recreational opportunities. The islands are a mecca for many water-based forms of recreation, such as sailing, power boating, sea kayaking, fishing, and scuba diving. Excursion cruises offer visitors a variety of island tours. Picnicking, swimming, and sunbathing are popular summer activities. Camping is available on 18 of the islands in the national lakeshore, as well as at Big Bay State Park and Big Bay Town Park on Madeline Island and at several campgrounds on the mainland. Hikers can explore more than 50 miles of maintained trails in the national lakeshore. From late January through mid-March an ice bridge usually links the mainland with many of the islands permitting ice fishing, cross country (ice) skiing, snowshoeing, and winter camping.

Park rangers and volunteers staff several mainland and island stations and provide information and assistance to visitors throughout the summer. Guided walks and campfire programs on Stockton Island and tours of the Hokenson Brothers Fishery at Little Sand Bay, and Raspberry Island Light Station are offered on a regular basis. Volunteers also provide tours at several other historic light stations in the park. Fees may be charged for some guided tours. Visitors are encouraged to explore the islands' natural and historical features while assisting the National Park Service in its goal of preserving Wisconsin's northernmost landscape.

GAYLORD NELSON WILDERNESS

This new addition to the National Wilderness Preservation System honors the late former Governor and U.S. Senator, Gaylord Nelson. The wilderness designation guarantees that the present management style of Apostle Islands National Lakeshore will be maintained in the future - emphasizing continued motorized boat access to the mostly-wild islands, but no motorized travel on the islands themselves.

The waters of Lake Superior within the National Lakeshore are not included in the wilderness area, nor are the lighthouses or other existing developed areas of the park. Sand, Basswood, and Long Islands were kept out of the wilderness boundary in their entirety, along with the park's 12-mile mainland strip.

INTERPRETIVE ASSOCATION

This map was published with the assistance of Eastern National, a nonprofit association that supports Apostle Islands National Lakeshore's interpretive program through the sales of books and other materials. For a mail order list, write to:

Eastern National
Apostle Islands National Lakeshore
415 Washington Avenue
Bayfield, Wisconsin 54814
www.easternnational.org

Eastern National
Serving the Visitors to America's National Parks and Other Public Trusts

GETTING THERE

Apostle Islands National Lakeshore is the northernmost point in the state of Wisconsin. Park headquarters is located in the Old County Courthouse on Washington Avenue in Bayfield, Wisconsin. Bayfield is 490 miles northwest of Chicago, 220 miles northeast of Minneapolis, and 90 miles east of Duluth, Minnesota. Motorists can access two areas in the mainland portion of the park. The first, Little Sand Bay, is 13 miles north of Bayfield and has a visitor center, picnic area, boat harbor, and boat launch. The second, Meyers Beach, is located 18 miles west of Bayfield and has a picnic area, trailhead, and kayak launch. Madeline Island is serviced by car ferry from Bayfield from April through early January. Madeline, the largest of the Apostles and the only one not included in the national lakeshore, has more than 40 miles of roads. The historic village of La Pointe and Big Bay State Park are located there. There are no roads on any of the other Apostle Islands.

For most of the year, the islands can only be reached by boat. Public boat launches are located at Bayfield, Red Cliff, Little Sand Bay, Cornucopia, Washburn, and La Pointe. Popular kayak launch points include Meyers Beach, Little Sand Bay, Red Cliff, and Bayfield. Several area marinas offer docking facilities. The Apostle Islands region has one of the largest charter sailing fleets on the Great Lakes. Sea kayak rentals are available in Bayfield. Public docks have been constructed on 13 islands within the national lakeshore. Space is reserved at some docks for National Park Service vessels and excursion boats, but remaining space is available to the public on a first-come, first-served basis. A fee is charged for overnight docking. The operation of personal watercraft (jet skis) is not permitted within the national lakeshore.

Excursion boat tours around the Apostle Islands leave Bayfield daily from mid-May through mid-October. Tours featuring regular stops at several islands leave Bayfield daily from July through Labor Day. These tours provide camper shuttles to Stockton Island and Oak Island, and day visit opportunities on Raspberry, Stockton, and perhaps one or two other islands. For schedules and price lists contact:

Apostle Islands Cruise Service
P.O. Box 691 (City Dock)
Bayfield, Wisconsin 54814
(800) 323-7619
www.apostleisland.com

Water taxi services for one to six passengers are also available from Bayfield to any of the islands in the park. Fees are based on the time required to make the trip. For a list of businesses presently offering water taxi services in the park contact:
www.nps.gov/apis/planyourvisit/gettingaround.htm.

From late January through mid-March, a layer of ice varying from several inches to three feet in thickness may cover the channels around many of the Apostle Islands. Ice conditions vary dramatically from day to day and from year to year.

Some of the islands are usually accessible by over-ice travel for at least a few weeks each year. Snowshoers, cross-country skiers, and hikers may take advantage of these conditions to experience the islands in winter. Visitors should be especially wary when attempting over-ice travel. Always contact a ranger to ask about current ice conditions before proceeding out on the lake.

The headquarters visitor center is open daily through the summer and intermittently at other times of the year. The Little Sand Bay visitor center is open daily June through Labor Day and intermittently through September.

ISLAND TO ISLAND MILEAGE CHART

	Bayfield	Basswood Island (Dock)	Bear Island (North End)	Bear Island (Sandspit)	Cat Island (Sandspit)	Devil's Island (Sandspit)	Devil's Island (Light)	Devil's Island (South Dock)	Gull Island	Ironwood Island	Long Island (Dock)	Manitou Island (Dock)	Michigan Island (Dock)	North Twin Island (NW Side)	Oak Island (Dock)	Otter Island (Dock)	Outer Island (Dock)	Oak Island (SW Side)	Other Island (Dock)	Outer Island (Dock)	Raspberry Island (Dock)	Rocky Island (Dock)	Sand Island (Dock)	Sand Island (Light)	Sand Island (East Bay Dock)	Stockton Island (Dock)	Stockton Island (Presque Isle)	South Twin Island (Dock)	York Island (Quarry Bay)	Little Sand Bay
Bayfield	-	4	16	14	18	22	20	20	16	6	12	16	22	10	14	28	24	14	18	20	20	18	16	14	16	18
Basswood Island (Dock)	4	-	12	10	14	18	16	16	12	10	8	16	20	6	10	24	20	10	14	16	16	14	12	10	12	14
Bear Island (North End)	16	12	-	4	10	4	2	20	8	24	8	22	10	6	20	16	6	6	12	10	6	16	14	8	10	10
Bear Island (Sandspit)	14	10	4	-	10	4	4	20	8	20	4	18	10	6	4	16	14	4	6	10	8	6	14	12	6	8
Cat Island (Sandspit)	18	14	10	10	-	10	10	8	2	24	8	12	6	12	6	10	6	12	6	20	18	6	12	12	12	18
Devil's Island (Light)	22	18	4	4	10	-	2	20	10	28	10	26	6	14	10	16	16	10	8	12	12	6	20	18	12	14
Devil's Island (South Dock)	20	16	2	4	10	2	-	22	8	26	10	26	8	12	8	16	16	10	6	14	14	6	22	18	12	14
Gull Island	20	16	20	20	8	20	22	-	14	22	14	6	16	18	16	16	6	22	16	30	28	16	6	8	26	28
Ironwood Island	16	12	8	8	2	10	8	14	-	22	4	14	8	10	4	14	8	10	4	18	16	4	12	10	12	16
Long Island (Dock)	6	10	24	20	24	28	26	22	22	-	18	18	28	14	20	40	28	18	24	28	26	26	20	18	22	26
Manitou Island (Dock)	12	8	8	4	8	10	10	14	4	18	-	12	10	8	2	18	12	6	6	16	14	6	8	6	14	10
Michigan Island (Dock)	16	16	22	18	12	26	26	6	14	18	12	-	20	14	14	20	10	18	18	28	26	18	4	6	22	26
North Twin Island (NW Side)	22	20	10	10	6	4	8	16	8	28	10	20	-	16	10	10	10	14	6	24	22	6	20	18	18	22
Oak Island (Dock)	10	6	10	6	12	14	12	18	10	14	8	14	16	-	8	24	18	4	12	10	10	10	12	10	6	10
Otter Island (Dock)	14	10	6	4	6	10	8	16	4	20	2	14	10	8	-	16	12	6	4	16	14	4	10	8	10	14
Outer Island (Dock)	28	24	20	16	10	16	16	16	14	40	18	20	10	24	16	-	10	22	14	26	28	12	18	20	26	28
Outer Island (Sandspit)	24	20	16	14	4	16	16	6	8	28	12	10	10	18	12	10	-	16	12	24	22	12	10	12	20	22
Raspberry Island (Dock)	14	10	6	4	12	10	10	22	10	18	6	18	14	4	6	22	16	-	8	6	4	10	14	12	4	6
Rocky Island (Dock)	18	14	6	6	4	8	6	16	4	24	6	18	6	12	4	14	12	8	-	16	14	2	14	12	12	14
Sand Island (Light)	20	16	12	10	20	12	14	30	18	28	16	28	24	10	16	26	24	6	16	-	2	16	22	20	4	6
Sand Island (East Bay Dock)	20	16	10	8	18	12	14	28	16	26	14	26	22	10	14	28	22	4	14	2	-	18	20	18	4	4
South Twin Island (Dock)	18	14	6	6	6	6	6	16	4	26	6	18	6	10	4	12	12	10	2	16	18	-	16	14	12	16
Stockton Island (Presque Isle)	16	12	16	14	12	20	22	6	12	20	8	4	20	12	10	18	10	14	14	22	20	16	-	4	18	20
Stockton Island (Quarry Bay)	14	10	14	12	12	18	18	8	10	18	6	6	18	10	8	20	12	12	12	20	18	14	4	-	14	16
York Island (Sandspit)	16	12	8	6	12	12	12	26	12	22	10	22	18	6	10	26	20	4	12	4	4	12	19	14	-	4
Little Sand Bay	18	14	10	8	18	14	14	28	16	26	14	26	22	10	14	28	22	6	14	6	4	16	20	16	4	-

LEGEND

- Visitor Center
- Ranger Station
- Campground (Individual and Group Sites)
- Group Campsite (8 - 20 people)
- Individual Campsite (up to 7 people)
- Picnic Area
- Lighthouse
- Point of Interest
- Marina
- Boat Launch
- Kayak Launch
- Chalet
- Downhill Ski Area
- Cross-Country Ski Area
- Snowmobile Area
- State Highway, County Road
- Forest Service: Road, Trail
- 122 Soundings (in Feet)
- Secondary Highway
- Select-Paved Highway
- Improved Road
- Improved Light Duty
- Trail
- National Lakeshore Bdry
- National Forest Boundary
- State Park Boundary
- Reservation Boundary
- Non-Wilderness Area (within Gaylord Nelson Wilderness)
- State Land
- County Forest
- Fish Refuge
- Sea Cave

SCALE AND CARTOGRAPHIC DATA

Approximate Scale 1:50,000
1 inch = 0.8 mile
1 centimeter = 0.5 kilometer

0 1/2 1 Mile
0 1/2 1 Kilometer

Projection: UTM, zone 15T (Central Meridian 93° W)
Datum: NAD 1927
Ellipsoid: Clarke 1866
Contour Interval = 25 feet

CAMPING

Public and private campgrounds offering a variety of services for car campers and RVs are available in Ashland, Washburn, Bayfield, Red Cliff, Little Sand Bay, and at Big Bay on Madeline Island.

Camping Permits

Camping permits are required for all camping in Apostle Islands National Lakeshore. Refer to the most recent version of the national lakeshore's "Camping" brochure for current rules and regulations governing camping. Permits may be obtained in advance, allowing campers to reserve the lakeshore's individual and group campsites.

Individual Campsites (parties of 7 or less)

Individual campsites can be reserved up to 30 days in advance of the start of a trip by calling (715) 779-3397. A nightly fee will be charged for camping. The fee must be paid (by credit card, check, money order, or cash) at the time a reservation is made. Permits must be picked up before the start of a trip at the national lakeshore's headquarters visitor center in Bayfield. Campsites will be assigned when a reservation is made. Campers must pick up their permit by 4:30 p.m. on the first day of a trip, or notify the national lakeshore to change their reservations; otherwise their permit will be cancelled.

Group Campsites (parties of 8 to 20 people)

A party of eight to twenty people is considered a group. All groups must use designated group campsites. These sites are located on Basswood, Oak, Sand, and Stockton islands. The park accepts group camping permit reservations beginning in early January for that year. Please contact the park by calling (715) 779-3397 or check the park web site for details on how to reserve group campsites. Due to the limited number of sites, campers should reserve group campsites as early as possible. A nightly fee for the group camping must be paid when the reservation is made.

Areas Closed to Camping

The following areas are closed to camping:

- Areas closed to camping in order to protect sensitive natural and cultural resources.
- Areas posted as closed to protect bird nesting areas and threatened or endangered species.
- In view of any designated trail.
- All of Eagle, Gull and North Twin Islands.
- Private land or lease holdings.
- Within 1/4 mile of any building, historic structure, individual or group campsite.

LEAVE NO TRACE OUTDOOR ETHICS

Leave No Trace

Please learn, practice, and pass on Leave No Trace outdoor skills and ethics. Following Leave No Trace principles will help protect precious backcountry resources.

Plan ahead and prepare

- Know the regulations and special concerns for the area you will visit.
- Prepare for extreme weather, hazards, and emergencies.
- Schedule your trip to avoid times of high use.
- Visit in small groups. Split larger parties into groups of 4-6.
- Repackage food to minimize waste.
- Use a map and compass to eliminate the use of marking paint, rock cairns, or flagging.

Travel and camp on durable surfaces

- Durable surfaces include established trails and campsites, rock, gravel, dry grasses, or snow.
- Protect riparian areas by camping at least 200 feet from lakes and streams.
- Good campsites are found, not made. Altering a site is not necessary.

In popular areas

- Concentrate use on existing trails and campsites.
- Walk single file in the middle of the trail, even when wet or muddy.
- Keep campsites small. Focus activity in areas where vegetation is absent.

In pristine areas

- Disperse use to prevent the creation of campsites and trails.
- Avoid places where impacts are just beginning.

Dispose of waste properly

- Pack it in, pack it out. Inspect your campsite and rest areas for trash or spilled foods. Pack out all trash, leftover food, and litter.
- Deposit solid human waste in catholes dug 6-8 inches deep at least 200 feet from water, camp, and trails. Cover and disguise the cathole when finished.
- Pack out toilet paper and hygiene products.
- To wash yourself or your dishes, carry water 200 feet away from streams or lakes and use small amounts of biodegradable soap. Scatter strained dishwater.

Leave what you find

- Preserve the past. Examine, but do not touch, cultural or historic structures and artifacts.
- Leave rocks, plants, and other natural objects as you find them.
- Avoid introducing or transporting non-native species.
- Do not build structures or furniture, or dig trenches.

Minimize campfire impacts

- Campfires can cause lasting impacts to the backcountry. Use a lightweight stove for cooking and enjoy a candle lantern for light.
- Where fires are permitted, use established fire rings, fire pans, or mound fires.
- Keep fires small. Use only sticks from the ground that can be broken by hand.
- Burn all wood and coals to ash, put out campfires completely, then scatter cool ashes.

Respect wildlife

- Observe wildlife from a distance. Do not follow or approach them.
- Never feed animals. Feeding wildlife damages their health, alters natural behaviors, and exposes them to predators and other dangers.
- Protect wildlife and your food by storing rations and trash securely.
- Control pets at all times, or leave them at home.
- Avoid wildlife during sensitive times: mating, nesting, raising young, or winter.

Be considerate of other visitors

- Respect other visitors and protect the quality of their experience.
- Be courteous. Yield to other users on the trail.
- Step to the downhill side of the trail when encountering pack stock.
- Take breaks and camp away from trails and other visitors.
- Let nature's sounds prevail. Avoid loud voices and noises.

For more information on Leave No Trace, call (800) 332-4100 or visit www.LNT.org.

SAFETY AND REGULATIONS

Lake Superior is notorious for its cold temperatures, rough seas, fog, and sudden squalls. Boaters should be alert to changing conditions and should consult current marine forecasts before leaving on a trip. Marine weather forecasts are broadcast on marine channel 1, 162.550 MHz.

Typical summer conditions feature high temperatures in the mid-70s Fahrenheit, lows in the mid-50s, winds of 5-20 knots, and waves of 1 to 4 feet. Summer thunderstorms are a frequent occurrence, and winds of 30 to 40 knots with 6 to 12 foot seas are possible. Average water temperatures in May and June may only be in the 40s Fahrenheit. Even in late summer surface temperatures barely exceed 60° Fahrenheit, except in shallow, protected bays.

Winter visitors should be prepared for harsh conditions. Subzero temperatures with bitter wind-chill factors are common events. Visitors should be especially wary when attempting over-ice travel. Always contact a ranger to ask about current ice conditions before proceeding out on the lake.

There is always a possibility that severe weather can affect boat schedules. Campers should always carry extra food in case they get stranded on an island.

Boaters need to be aware of several regulations and precautions that can help keep their trip to the islands a safe one:

- Due to treacherous sea conditions, small open boats and canoes are NOT recommended for use between islands. Rapidly changing weather conditions can also make exploring sea caves in small boats and kayaks hazardous.
- A U.S. Coast Guard approved, wearable personal flotation device (PFD) is required for each person aboard any boat. Kayakers should also use wetsuits or drysuits.
- A boat's carrying capacity is not to be exceeded.
- All vessels at anchor are required to exhibit anchor lights from sunset to sunrise.
- Boaters should stay at least 100 feet away from flagged net buoys and/or floating plastic jugs marking commercial fishing nets.
- The use of portable stoves or grills on docks or on vessels tied to a dock (outside of galley areas) is not safe and is not allowed.
- NOAA charts #14973 or #14966 should be referenced for navigational purposes. These charts can be purchased at the national lakeshore's headquarters visitor center.
- Be wary of shoal areas and use caution whenever beaching a boat. National Park Service (NPS) and U.S. Coast Guard vessels provide towing only in emergency situations.

The legislation that established the national lakeshore permits hunting and fishing within park boundaries in accordance with Wisconsin State law, with exceptions for safety and resource management purposes. Hunting activity may occur from September (after Labor Day) through December. A special deer hunt using black powder weapons is permitted on several islands during the month of October. A Wisconsin state fishing license with a Great Lakes trout and salmon stamp is required for anyone 16 years old or older who intends to fish in the park. Sport fishing is prohibited in fish refuges that have been established to protect spawning areas.

Campfires must be built in fire receptacles when provided. Dead wood on the ground in forested areas or unvegetated beach areas may be collected for firewood. Firewood cannot be carried into the national lakeshore or from island to island. Chain saws cannot be operated in the park. Before leaving a campfire, the fire must be extinguished and free of liner with no evidence of food remains that could attract wildlife. Fires are not allowed on beaches at Raspberry Island, at Julian Bay and Presque Isle Bay on Stockton Island, and on beaches within 150 feet of campsites where fire receptacles are provided. Where beach fires are allowed, they must be built on bare sand, near the water's edge, below the vegetation line.

Pets must be kept on a leash that is six feet or shorter, and never left unattended.

Biting insects can be prevalent from June to September. Wearing long-sleeved shirts and long pants will provide some protection from mosquitoes, flies, and ticks. Insect repellents are helpful. The ticks that transmit Lyme Disease and Ehrlichioses are found in the park. If you notice a rash, flu-like symptoms, or pain in the joints following a tick bite, call your physician.

For emergencies or assistance, call (715) 779-3397 during the day, or the Bayfield County Sheriff at (715) 373-6120 or U.S. Coast Guard at (715) 779-3950 after 4:30 pm. Calling 911 will work from land lines only, not from cell phones. Park rangers and the U.S. Coast Guard can also be contacted on marine channel 16.

DRINKING WATER

Well water is available on some islands. Water from the lake should be boiled or filtered through an adequate filter (0.4 microns pore size) before use. This precaution eliminates many waterborne organisms including Giardia lamblia, a bacteria that causes severe intestinal problems.

BEARS

Black bears may be on any of the Apostle Islands, but are most common on Oak, Sand, and Stockton islands. To avoid an unpleasant encounter:

Store Food Securely

- Where bear-resistant food storage lockers are provided, lock up food, garbage, and toiletries when not in use.
- Hang your food cache at least 100 feet away from your tent, 10 feet off the ground, and 5 feet away from the tree trunk.
- Never leave food or water bottles unattended.

Reduce Food Odors

- Do not cook or take food, garbage, unwashed dishes, or toiletries into the tent.
- Prepare food well away from the tent.
- Wash dishes and clean the kitchen site after cooking.
- Use minimal amounts of water to clean dishes. Filter the wastewater through a strainer to remove food particles. Pack out food scrapswith other garbage.
- Strained wastewater must be broadcast on the ground at least 50 yards from camp.

ADDITIONAL INFORMATION

Apostle Islands National Lakeshore
415 Washington Avenue
Bayfield, Wisconsin 54814
(715) 779-3397
www.nps.gov/apis

Ashland Area
Chamber of Commerce
P.O. Box 746
Ashland, WI 54806
(800) 284-9484
www.travelashlandcounty.com

Chequamegon-Nicolet Nat. Forest
Washburn Ranger District
113 Bayfield St. East
Washburn, WI 54891
(715) 373-2667
www.fs.fed.us/r9/cnnf

Bayfield County
Tourism & Recreation
117 E. 5th Street
Washburn, WI 54891
(800) 472-6338
www.travelbayfieldcounty.com

Wisconsin Department
of Natural Resources
2501 Golf Course Road
Ashland, WI 54806
(715) 685-2900
www.dnr.state.wi.us

Bayfield Chamber of Commerce
42 S. Broad Street
Bayfield, WI 54814
(800) 447-4094
www.bayfield.org

© 1993 by NATIONAL GEOGRAPHIC SOCIETY. All rights reserved. Revised 2007