

## Your Guide to Isle Royale National Park

www.nps.gov/isro

National Park Service U.S. Department of the Interior

# **Storied Science**

On an early July morning in 1905, a team of six University of Michigan scientists and a "camp hand" disembarked at the abandoned Rock Harbor Lighthouse and began setting up the camp that would be their base of operations for the next month. Led by Dr. Charles Adams, the research team consisted of experts in everything from birds to mollusks to beetles.

At the time, ecology was practically a brand-new science, and Adams, one of its founders and strongest proponents. His project and final report, *An Ecological Survey of Isle Royale*, became a model for how to collect and analyze field data.

Among their many observations, expedition members noted unusually colored garter snakes, riotous life in shoreline pools, and arctic species of dragonflies. These and other features generated a surge of research in the coming decades.

In 1929 and 1930, separate teams of botanists, zoologists, geologists, geographers, and archeologists crisscrossed the island. Park advocate Albert Stoll publicized the expeditions' stories in the *Detroit News*. His tantalizing headlines (*Thirteen thrilling minutes in a storm cloud!*) fueled public interest in this mysterious northern isle, paving the way for national park status.

The park's scientific legacy continues. Each season, dozens of university researchers explore questions from diverse scientific fields, and National Park Service-led monitoring projects deepen understanding of park ecosystems.

A hundred years have come and gone since Adams' crew explored the archipelago's shorelines and forests, its high ridges and "impenetrable swamps." Today, the allure of the island remains, and research stories of Isle Royale continue to unfold.

## Welcome to Isle Royale National Park

Isle Royale has a reputation for challenge. For thousands of years, its isolation and wildness have tested humans. The island's untamed systems also face challenges. When they do, park managers must respond.

Natural resource stewardship decisions are difficult for park managers for many reasons. The combined philosophy, policy, and culture of the NPS emphasizes avoiding or minimizing interventions that affect biological resources in parks except when needed to restore "natural conditions." --<u>Natural Resource Report 2011/444</u> In making choices, park managers are required to use the best available science and follow law, regulation, and policy with an eye for the longterm good of the American public and park resources. The recent decision on restoration of the predator-prey relationship on Isle Royale embodies this idea. Though wolves are being restored to the landscape, the island remains an isolated and unpredictable wilderness

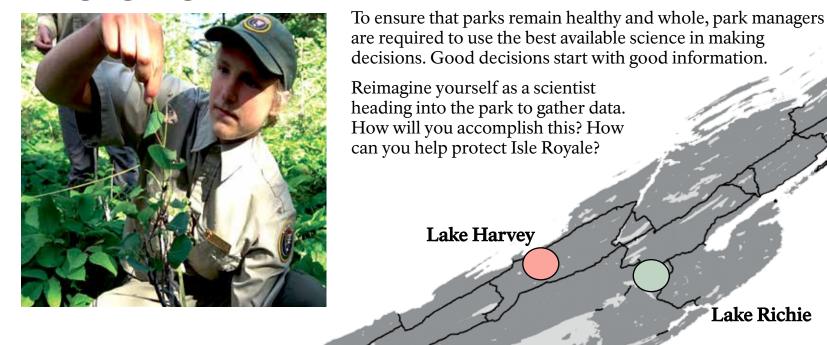
The future of this wild archipelago depends on all of us. With continued scientific study and visitor engagement, Isle Royale National Park will be ready to face challenges to come. Phyllis Green, Superintedent

Printing of The Greenstone courtesy of the Isle Royale and Keweenaw Parks Association



EngagingScience2-3	Group Camping9
Visiting4	Programs, Lodge10
Protecting Your Park5	Transportation, Fees11
Map, Campgrounds, Trails6-7	Contacts, Park Store12
Things To Do8	

# **Engaging Science**



Scoville Point

Lake Richie

## **Pose Questions**

Windigo

Hiking out from Windigo, you spy a small misshapen balsam fir. What has happened to this tree? You tally the number of twigs bitten off and the number of undisturbed twigs. Much of this fir has become a moose meal! You record your data and move on. By examining plants at designated sites spanning the island's trail system, you hope to help answer the question: How do hungry moose change the forest?

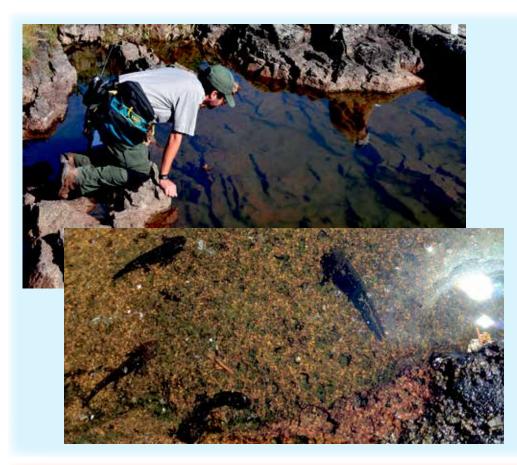
You are not the first to investigate this question. As early as 1940, researchers built four moose exclosures in different habitats around the island to help find the answer. These fenced areas have now been moose-free for almost eighty years; they are likely the oldest animal exclosures in North America, and perhaps the world. Over many generations of moose (and of researchers), a forest enclave near Windigo has remained protected from moose munching and now appears completely unlike the surrounding landscape. Easily visible differences include tree size and species composition, but researchers have also noted stunning changes in soil fertility, fire ecology, and the recycling of nutrients.

Your work on exclosures and moose browse will deepen our understanding of not only Isle Royale, but also of forests throughout the region. Science from Isle

Royale has relevance beyond the borders of the park.



Right: Moose exclosure near Windigo today.



## Take Inventory

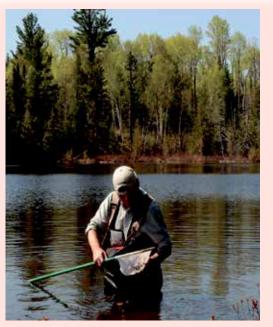
Along the trail to Scoville Point, many small pools dot the shoreline. Nestled in rock cracks and depressions, these splash pools at first seem stagnant and lifeless. You peer into the water and wonder... *Can species survive (and thrive) here?* 

Movement catches your eye, and you spot young salamanders swimming for cover. Looking closer, you observe water striders skating on the surface while backswimmers row in the depths. It turns out this pool is not so quiet after all.

In 2009 and 2010, an inventory of splash pools on the northeast end of the park revealed an astonishing diversity of life. Over 200 insect species were documented, including some previously unrecorded on this continent. Each of the several hundred pools inventoried was a complex system, often distinct from surrounding pools. Along the thirty miles of shoreline surveyed, a whopping 72,000 pools were counted!

Their location along Isle Royale's shoreline makes these pools vulnerable. Oil spills or changes in precipitation patterns or lake levels could have drastic consequences for these tiny habitats.

Taking a detailed inventory of park resources (such as splash pools) is the critical first step in protecting them.



## Monitor Change

At Lake Harvey, you wade into waist-deep water, net in hand. Your goal: capture a well-camouflaged predator that can provide insight into the lake's health.

The dragonfly larvae you collect are indicators. This is because the old adage is true—"you are what you eat"—and predators near the top of the food chain tend to accumulate contaminants, such as methylmercury.

Analysis showed that contaminant levels in larger predatory fish in Lake Harvey mimicked those of larval dragonflies. By monitoring methylmercury loads in dragonfly larvae, you are able to keep watch on mercury levels in specific inland lakes.

Contaminants are only one of the many *vital signs* that are monitored across Isle Royale. Like an annual physical exam, "taking the pulse" of the park aims to detect if park resources (such as inland lakes) are stable or if they are changing over time.





## **Investigate Issues**

As you approach Lake Richie, a foul odor assails your nose. You arrive at the shore to a vista of eye-shockingly bright green water...*What's going on here?* 

Cyanobacteria, commonly called blue-green algae, inhabit this ecosystem. Sometimes when algae receive excessive nutrients or something else changes their environment, they multiply rapidly to dense concentrations. This is an algal bloom.

In 2007, a thick bloom on Lake Richie filled the lake. With the possibility of toxins in the water, the park advised against human consumption or activities. No fishing, no swimming, no drinking water, and that terrible smell. *What happened to my night on the lake?* 

This algal bloom in a wilderness setting caught scientists completely by surprise. It affected both the water chemistry and light's ability to penetrate the water. Lack of oxygen (due to decomposition of dead and decaying algae) created inhospitable conditions for aquatic life. Since that time, blooms seem to be more frequent on Isle Royale (and other lakes in the region). How might you investigate this unprecedented change?



• Analyze history. Sediment cores taken from lake bottoms track over 100 years of conditions, including algal blooms, in a particular lake.

• Monitor conditions. An array of sensors in Lake Richie records hourly temperature and oxygen data at various depths.

It's not yet clear why algal blooms are increasing, although climateinduced change with shifting weather patterns and longer ice-free seasons is likely a driving factor.

Your research is ongoing.



## Can You Do All This By Yourself? Isle Royale Needs Help, Too.

The Great Lakes Inventory and Monitoring Network was established in 2000 to gather and analyze information on specific park natural resources (plants, animals, and ecosystems) that help indicate the overall health of Great Lakes parks.

The Inventory and Monitoring Division is comprised of 32 such networks across the country, assisting park managers in making sound, science-based decisions that preserve America's parks. Investigate <a href="https://www.nps.gov/im/glkn">www.nps.gov/im/glkn</a> to research how other scientists are protecting parks.

# Visiting Isle Royale

Isle Royale National Park is a remote wilderness area, and visits to the island require thoughtful planning and preparation.

## Park Entrance Fees

There is a daily entrance fee of \$7 per person per calendar day. This applies to all park visitors, including those visiting the park or park waters for one day. The Isle Royale Season Pass and National Parks and Federal Recreation Lands Passes (Annual, Senior, Military, and Access) all cover this fee for the pass holder and up to three accompanying adults. Children aged 15 years and younger are exempt (see page 11).

## **Drinking Water**

Potable water is only available in Rock Harbor and Windigo. Early- and lateseason visitors should plan for no potable water anywhere on-island.

## Leave No Trace

Adventure, simple living, and solitude are important components of an Isle Royale visit. In order to ensure these experiences, visitors should be familiar with skills and habits that foster an ethic of Leave No Trace. For guidance visit www.lnt.org.

## Insects

Expect mosquitoes and black flies to peak in June or July. During wet summers, mosquito populations can continue well into August. Bring insect repellent, netting, or other skin barriers. Dry summers often result in an abundance of wasps. Bring an epinephrine kit if you or a member of your party is allergic to bee stings.

## Wheeled Transportation

Wheeled vehicles (except for non-motorized wheelchairs) or other mechanical forms of transportation are not allowed outside developed areas at Rock Harbor and Windigo. This includes bicycles and portaging devices.

## Pets

Dogs, cats, and other mammals are not allowed. This includes pets on boats within the park boundaries, which extend 4.5 miles into Lake Superior from the outermost land areas of the park. Visitors bringing pets to Isle Royale will be required to leave immediately. Pets disturb wildlife and can transmit diseases, particularly to wolves. Special conditions apply to service dogs. For details visit www.nps.gov/isro/planyourvisit/service-dogs.htm

## Customs

All vessels arriving from Canada (US or Canadian) must clear US Customs at the Windigo or Rock Harbor Visitor Center during regular business hours. A valid passport, US Passport card, enhanced driver's license, or Trusted Traveler Program card is required. Visitors from Canada can be cleared for Isle Royale only. For additional information visit www.cbp.gov.

## **Commercial Groups and Special Use Permits**

For-profit groups providing goods, activities, or service to the general public within the park must obtain a Commercial Use Authorization – CUA (\$200 application fee). These groups include camps, outfitters, tour groups, or any other operation that provides compensation, monetary gain, benefit, or profit to an individual, organization, or corporation for the authorized use. Applications for CUAs are accepted between January 2 and May 15.

Commercial filming and still photography, and special events (e.g., weddings) require a Special Use Permit. Fee depends on type of activity and number of people.

For application forms visit www.nps.gov/isro/planyourvisit/special-permitfees.htm

# Caution – Wilderness Ahead!

The island's wilderness and Lake Superior present challenges and hazards to the inexperienced or ill-prepared. Bring a first aid kit, a sufficient supply of any needed medications, and clothing appropriate for the time of year and planned activities.

## Emergencies

Basic emergency services are available on the island, but contacting rangers for assistance can be difficult. Cell phone service is unreliable; do not depend on it. Emergency response and evacuation take time, requiring you to rely on your own skills and equipment. Most private boaters on Lake Superior have radios and may be able to contact park rangers in an emergency.

To contact the park in an emergency: 1-800-433-1986

Via satellite phone or from Canada: 440-546-5945

## Watch the Weather

Weather and lake conditions can deteriorate quickly and unexpectedly. Fog and waves can quickly create dangerous conditions for boaters and paddlers.

Hypothermia can occur any time, especially near Lake Superior, where water and air temperatures are cool to cold year-round. The best defense is to stay warm and dry. Dress in layers and don raingear before you get wet. Mild symptoms of hypothermia include shivering, apathy, and coordination loss. If

## **Drinking Water**

Potable water is only available in Rock Harbor and Windigo. All surface lake and stream water should be considered contaminated with pathogens.

Drinking contaminated water can make you very sick. Pass water through a 0.4 micron or finer filter, or bring to a roiling boil for at least one minute. By itself, chemical treatment is not an effective method of water purification. SteriPENs and other UV purifiers have not been manufacturer-tested for an Isle Royale parasite and cannot be considered effective.

## Dehydration

Drink plenty of water. When dehydrated, you tire more quickly, do not think clearly, and are more prone to fall. Dehydration is a factor in most medical problems experienced in the park.

Water can be scarce between campgrounds, especially along ridges. Carry a minimum of two quarts of water per person; drink and refill whenever near water sources. In hot weather, start hiking early, travel at a slower pace, and rest in shady spots. Dehydration also occurs in cold weather as most people do not feel thirsty and tend to drink less.

Watch for mild signs of dehydration: thirst, fatigue, headache, and dizziness. Signs of severe dehydration include: nausea, reduced or no sweating, and long stretches without urinating.

someone in your party shows these signs, stop and get the person warm and dry. Add more layers, climb in a sleeping bag, and sip warm liquids.

## **On the Trail**

Watch Your Step! The footing is often uneven. Roots and rocks can trip the unwary hiker. When wet, trails are muddy; roots, rocks, and boardwalks are extremely slippery.

Stay on the Path: As you travel, you may encounter obstructions. Go over or under downed trees and through puddles and mud. Skirting obstructions widens or creates new trails, impacting habitat.

Plan Conservatively: Many people underestimate hiking travel times and overestimate their abilities. Plan shorter, realistic travel days; don't turn your wilderness trek into a forced march.

Be Kind to Your Feet: Wear sturdy, well-broken-in boots. Address hot spots and small blisters right away, before they become real problems. Give your feet spa treatment after hiking by soaking them in a lake and wearing comfy shoes in camp.

## **Toxic Water Alert**

In recent years, blue-green algal blooms have occurred in inland lakes. Bluegreen algae can be toxic and filtering does not remove toxins from the water. Avoid swimming, fishing, or filtering water if it has a cloudy-blue cast or looks like "pea soup." If algal blooms occur, advisories will be posted at park visitor centers, affected lakes and campgrounds, and through website alerts.



# **Protecting Your Park**

Please do your part to preserve and protect the park's wilderness character for use and enjoyment by present and future generations.

## Leave What You Find

Objects of interest such as antlers, plants, driftwood, cultural or archeological resources, rocks and minerals including those found in Lake Superior, must be left where they are. Removing, possessing, or disturbing park resources is prohibited. Fishing and picking small quantities of berries and mushrooms for consumption are allowed.

**Graffiti and the building of cairns (rock piles)** mars the park for other visitors. Leave the park as you find it.

## Quiet, Please

Most visitors come to Isle Royale to hear the sounds of nature in a wild setting. Soundscapes, or sound environments, are an important feature of the park. Be aware of the noise that you make so others may enjoy the peace and solitude.

Quiet Hours are between 10:00 pm and 6:00 am eastern time. If people in adjacent campsites can hear your activities, you are being too loud.

**Operation of electronic and motorized devices** such as stereos, television, radios, and portable generators is not permitted except in the developed areas of Rock Harbor and Windigo, and in Lake Superior waters outside of designated quiet/no wake zones.

## Keep the Island Clean

**Trash:** All trash and leftover food (including peels, cores, and nutshells) must be packed out. Trash and food scraps must not be burned, buried, or placed in outhouses. Be thoughtful about micro-litter (small pieces of waste, wrapper corners). Carrying a zip-lock bag for securing small trash helps prevent inadvertent littering.

Human Waste Disposal: Use outhouses. Never defecate within 100' (at least 50 steps) of lakes, streams, trails, or campsites. In areas without outhouses, dig a cathole 6" to 8" deep; after use, cover with soil. Urinate on durable surfaces, like rocks or bare soil, away from campsites and water sources.

**Cookware Cleaning:** Use hot water and elbow grease. Soap is unnecessary for most dishwashing; even biodegradable soaps take a long time to degrade. Wash dishes at least 100' from water sources and campsites. Use a strainer to remove food bits and pack them out with your trash. The remaining water should be dispersed away from water sources and campsites.

**Bathing:** Use soap sparingly, if necessary. Get wet, then move at least 100' away from all water sources and campsites to lather and rinse.

## **Minimize Use of Fires**

Campfires are permitted at a handful of campgrounds. A backpacking stove is highly recommended. A metal fire ring or grate is provided where campfires are allowed; never build your own ring.

Use Dead and Down Wood no bigger around than your wrist. Do not break branches or strip bark from standing trees, live or dead. Trash has no place in a backcountry fire. Do not import firewood; insects and pathogens from infected wood could devastate Isle Royale's forests.

**Be Safe With Fire:** Keep your fire small and burn down to ash; be sure the fire is completely out before leaving it.

## Invader Alert

Invasive species are considered to be one of the top threats to the ecological integrity of national parks. You are responsible for taking time before and during your trip to prevent the transport of invasives to and around Isle Royale.

## Before Traveling to Isle Royale

Campers: Clean your tent, backpack, camping gear, clothing, and boots.

Anglers: Clean fishing gear and change line spools

**Boaters, Canoeists, and Kayakers:** Vessel owners are legally responsible for aquatic invasive species decontamination prior to entering park waters (extending 4.5 miles from Isle Royale and the outer islands). This applies to all vessels (power and sailboats, canoes, kayaks, etc.).

- Remove weeds, algae, and other plant and animal materials from your boat. Drain live wells and bilge on land.
- For smaller boats: Either clean and dry your boat and equipment in the sun for five days, or wash boat, including bilge and equipment with greater than 104° F water, high pressure water, or disinfectant.
- For large boats: Inspect for and remove zebra mussels and other aquatic invasives attached to your trim tabs, swim platform, motor mounts, hull, and equipment.

**Divers:** Wash all dive gear in warm, chlorinated tap water. Dry all dive gear and wetsuits for seven days before entering park waters.

## While on Isle Royale

Water Filtering: After filtering Lake Superior water, change or clean your filter before using it inland.

Anglers: When moving from Lake Superior to inland waters, clean gear and change line spools.

**Canoes, Kayaks, and Other Non-motorized Vessels:** Before moving from Lake Superior to inland waters, wipe down your boat and associated gear.

## Park Regulations

The regulations of Isle Royale National Park are intended to protect park resources and appropriate visitor experiences. Regulations place strong emphasis on preserving wilderness character and values. Visitors are responsible for adhering to park regulations.

For detailed information on park regulations visit www.nps.gov/isro/learn/management/lawsandpolicies.htm

Marijuana Prohibited: While recreational and medical marijuana have recently become legal in many states, marijuana remains illegal on federal lands including Isle Royale National Park.

No Drone Zone: Launching, landing, or operating unmanned aircraft on lands and water of the park is prohibited.

Weapons, Traps, & Nets: The use or possession of weapons, traps, and nets is prohibited. Weapons include any implements designed to discharge a projectile or missile in the air or water and include slingshots, blowguns, and bows and arrows. Fireworks are prohibited.

• Exception: Possession of firearms within the park is regulated by Michigan law. The discharge of firearms within park boundaries is prohibited.

# Wildlife

Isle Royale is home to an abundance of animals, but common species from the surrounding mainland are missing. Island isolation has created a simple, yet spectacular ecosystem.

**Show Respect.** Observe, photograph, and enjoy park wildlife from a safe and respectful distance. If an animal changes its behavior, you are too close. It is illegal to feed, touch, tease, or intentionally disturb wildlife, their homes, nests, or activities.

Wolf reintroduction began in the fall of 2018. Respect these new residents by keeping your distance and ending any encounters quickly. Report wolf sightings to a ranger. Follow wolf reintroduction updates at <u>https://www.nps.gov/isro/learn/news/presskit.htm.</u>

Loons are especially susceptible to disturbance, and may abandon their shoreline nests when approached too closely. From mid-May through July 15 (loon nesting season) visitors must stay at least 150' away from small islands and from nests along the shore. If a loon calls out, you're too close.

Moose are large and potentially dangerous animals. Always give them wide berth. If you encounter a moose, step behind a tree and wait for the moose to move on. Throughout the spring and summer, female moose are rearing young and are very protective. Never get between a cow and her calf. During fall rut, bull moose are often aggressive.

Keep Wildlife Wild. Discourage animals from approaching humans. Practice proper food storage and keep a clean camp. To protect your food make sure it is sealed in scent-proof containers and secured. Hard-sided containers are preferred, but using doubled zip-lock bags for your food and scented items is also appropriate. Animals will steal unattended food and other items.



Campgrounds	Consection of the section of the sec					Destinational Contraction	S
Cey: CR-Fires in community ring only	Consective Links	A tool				Dediat Dott	on-board 15°
S - Self-contained stoves only	Dect Start	Hadou Hadin Bush	6	~	A itof	at Pont	on board Use
W - Treated water supply	Corteger Mar Boo	ativites tes	1 ters	Group Stes	Special mation	equinal.	OTTOTOTOT
F - Campfire rings or standing grills provided	onective interior	the trainidual sizes	Shelters	Group Stes	Special Information	N <sup>4</sup> or.	On boundary
Beaver Island	3	0	3	0	S	2' – 5'	yes
Belle Isle	5	1	6	0	F	13'	yes
Birch Island	3	1	1	0	S	5'	no
Caribou Island	3	1	2	0	CR	10'	yes
Chickenbone E	2	3	0	1	S	_	_
Chickenbone W	2	6	0	3	S	_	_
Chippewa Harbor	3	2	4	1	F	7'	no
Daisy Farm	3	6	16	3	S	9'	no
Desor N	2	3	0	0	S	_	-
Desor S	2	7	0	3	S	_	_
Duncan Bay	3	1	2	0	F	6'	no
Duncan Narrows	3	1	2	0	F	6'	no
Feldtmann Lake	2	5	0	2	S	_	_
Grace Island	3	0	2	0	S	2'-4'	yes
Hatchet Lake	2	5	0	3	S	_	_
Hay Bay	3	1	0	0	S	3' – 7'	yes
Huginnin Cove	3	5	0	0	S	_	_
Intermediate Lake	2	3	0	0	S	_	-
Island Mine	3	4	0	2	F	-	-
Lake Richie	2	4	0	2	S	_	-
Lake Richie/Canoe	2	3	0	0	S	-	-
Lake Whittlesey	2	3	0	0	S	_	_
Lane Cove	3	5	0	0	S	_	_
Little Todd	2	4	0	0	F	_	-
Malone Bay	3	0	5	2	F	3'-6'	yes
McCargoe Cove	3	3	6	3	CR	7'	no
Merritt Lane	3	1	1	0	S	8'	no
Moskey Basin	3	2	6	2	S	8'	no
Pickerel Cove	2	1	0	0	S	-	-
Rock Harbor	1*	11	9	3	S-W	-	-
Rock Harbor Marina	Unlimited	0	0	0	F-W	3' – 12'	yes
Siskiwit Bay	3	4	2	3	CR	2'-6'	no
Three Mile	1	4	8	3	S	9'	no
Tobin Harbor Dock	5	0	0	0	S	3' - 8'	yes
Todd Harbor	3	5	1	3	CR	2'	no
Tookers Island	3	0	2	0	S	7'	no
Washington Creek	3	5	10	4	S-W	-	-
Windigo Dock	5	0	0	0	S	4' - 20'	yes
Wood Lake	2	3	0	0	S	_	_

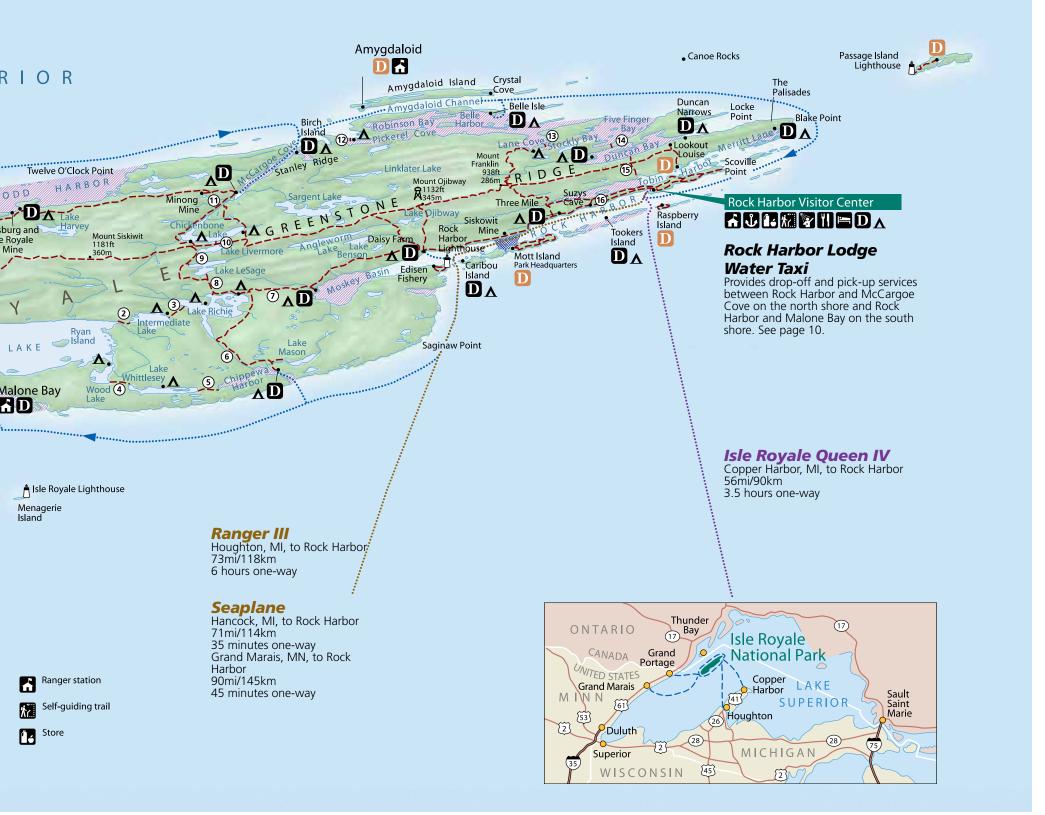
## **Canoe Portages**

#### Distance•Elevation Change•Comment

- Malone Bay Siskiwit Lake 0.3 mile, 40' Gradual Slope
- Siskiwit Lake Intermediate Lake 0.4 mile, 40' Gradual
- ③ Intermediate Lake Lake Richie 0.6 mile, 120' Hilly and wooded
- Wood Lake Lake Whittlesey 0.6 mile, 80' Rolling
- Lake Whittlesey Chippewa Harbor 0.6 mile, 140' Steep grades and rocky
- Chippewa Harbor Lake Richie 1.2 miles, 160' Hilly
- Moskey Basin Lake Richie

\*Rock Harbor one night stay limit in effect 6/1 - 9/15.

- 2.0 miles, 120' Gradual but long
  8 Lake Richie Lake LeSage 0.6 mile, 100' Steep grades, wet
- (9) Lake LeSage Lake Livermore 0.4 mile, 80' Steep grades, wet
- Lake Livermore Chickenbone Lake 0.2 mile, 40' Steep but short
- ① Chickenbone Lake -McCargoe Cove 1.2 miles, 80' Hilly
- 2 Pickerel Cove
  - 0.1 mile, 10' Short and sweet
- Lane Cove Stockly Bay 0.1 mile, 8' Short and sweet
- Five Finger Bay Duncan Bay 0.2 mile, 8' Short and sweet
- Duncan Bay Tobin Harbor 0.8 mile, 175' Extremely steep
- Tobin Harbor Rock Harbor 0.2 mile, 40' Gradual up and down



Chickenbone E	Chickenbone W	Chippewa Harbor	Daisy Farm	Desor N	Desor S	Feldtmann Lake	Hatchet Lake	Huginnin Cove	Island Mine	Lake Richie	Lane Cove	Little Todd	Malone Bay	McCargoe Cove	Moskey Basin	Rock Harbor	Siskiwit Bay	Three Mile	Todd Harbor	Washington Creek	
-	1.8	9.3	6.1	19.6	16.4	35.8	9.3	30.3	21.3	5.0	10.9	15.6	19.6	2.1	7.3	13.3	25.7	10.5	8.7	27.1	Chickenbone E
1.8	-	7.9	7.9	19.8	15.0	34.4	7.9	29.1	19.9	3.6	12.7	16.2	18.2	2.7	5.9	14.8	24.3	12.5	9.3	25.7	Chickenbone W
9.3	7.9	-	9.7	27.3	22.5	42.0	15.2	36.4	27.2	4.3	16.6	22.6	25.7	10.6	6.2	16.8	31.6	14.1	17.3	33.0	Chippewa Harbor
6.1	7.9	9.7	-	26.0	22.5	41.9	15.4	37.3	27.4	5.8	6.9	21.5	27.2	8.2	3.9	7.1	31.8	4.4	14.9	33.2	Daisy Farm
19.6	19.8	27.3	26.0	-	20.0	21.4	12.3	14.4	18.6	23.0	30.8	5.7	23.2	18.0	25.3	33.1	23.0	30.4	11.4	12.6	Desor N
16.4	15.0	22.5	22.5	20.0	-	20.1	8.1	14.7	5.5	18.2	27.3	15.5	10.8	17.7	20.5	29.4	9.9	26.7	11.8	11.3	Desor S
35.8	34.4	42.0	41.9	21.4	20.1	-	27.6	12.8	14.6	37.8	46.7	26.1	30.3	37.1	40.1	49.0	10.3	46.3	31.8	8.8	Feldtmann Lake
9.3	7.9	15.2	15.4	12.3	8.1	27.6	-	25.7	13.0	11.1	20.2	7.8	11.3	10.7	13.4	22.3	17.4	19.8	4.1	18.8	Hatchet Lake
30.3	29.1	36.4	37.3	14.4	14.7	12.8	25.7	-	10.0	32.3	41.2	19.1	24.9	31.8	34.6	44.4	14.4	41.7	24.8	4.0	Huginnin Cove
21.3	19.9	27.2	27.4	18.6	5.5	14.6	13.0	10.0	-	23.1	32.2	20.4	15.7	22.6	25.4	34.3	4.4	31.6	16.7	6.6	Island Mine
5.0	3.6	4.3	5.8	23.0	18.2	37.8	11.1	32.3	23.1	-	12.7	18.5	21.4	6.3	2.3	12.9	27.5	10.2	13.0	28.9	Lake Richie
10.9	12.7	16.6	6.9	30.8	27.3	46.7	20.2	41.2	32.2	12.7	-	26.5	30.5	13.0	10.8	6.9	36.6	4.6	19.5	38.3	Lane Cove
15.6	16.2	22.6	21.5	5.7	15.5	26.1	7.8	19.1	20.4	18.5	26.5	-	18.7	13.5	22.1	28.6	24.8	25.9	7.0	17.3	Little Todd
19.6	18.2	25.7	27.2	23.2	10.8	30.3	11.3	24.9	15.7	21.4	30.5	18.7	-	20.9	23.7	34.3	20.1	31.6	15.0	21.5	Malone Bay
2.1	2.7	10.6	8.2	18.0	17.7	37.1	10.7	31.8	22.6	6.3	13.0	13.5	20.9	-	8.4	15.3	27.0	12.6	6.7	28.4	McCargoe Cove
7.3	5.9	6.2	3.9	25.3	20.5	40.1	13.4	34.6	25.4	2.3	10.8	22.1	23.7	8.4	-	11.0	29.8	8.3	15.1	31.0	Moskey Basin
13.3	14.8	16.8	7.1	33.1	29.4	49.0	22.3	44.4	34.3	12.9	6.9	28.6	34.3	15.3	11.0	-	38.7	2.7	22.2	40.1	Rock Harbor
25.7	24.3	31.6	31.8	23.0	9.9	10.3	17.4	14.4	4.4	27.5	36.6	24.8	20.1	27.0	29.8	38.7	-	36.0	21.1	11.0	Siskiwit Bay
10.5	12.5	14.1	4.4	30.4	26.7	46.3	19.8	41.7	31.6	10.2	4.6	25.9	31.6	12.6	8.3	2.7	36.0	-	19.5	37.8	Three Mile
8.7	9.3	17.3	14.9	11.4	11.8	31.8	4.1	24.8	16.7	13.0	19.5	7.0	15.0	6.7	15.1	22.2	21.1	19.5	-	23.0	Todd Harbor
27.1	25.7	33.0	33.2	12.6	11.3	8.8	18.8	4.0	6.6	28.9	38.3	17.3	21.5	28.4	31.0	40.1	11.0	37.8	23.0	-	Washington Creek

# Things to Do

## Hiking

Over a hundred miles of trail wind through forests and hug the shoreline, climb steeply to ridgetop views, and descend into wetlands. Ninety-nine percent of the park's land base is federally designated wilderness that beckons you to explore.

## Camping

Thirty-six campgrounds are scattered throughout the park. Campsites are accessible only by foot or watercraft. All campgrounds have tent sites, outhouses, and are sited near a water source. Many of the campgrounds located on the Lake Superior shoreline offer docks, shelters, and picnic tables.

**Camping Permits** are required for all overnight stays at campgrounds, cross-country sites, docks, or at anchor, regardless of party size or method of travel.

## Group Camping (parties of seven or more)

Advance reservations are required for any group or organization, including families and friends traveling together, bringing seven or more people to the island (see page 9).

## Small-party Camping (parties of six or fewer)

All small-party campsites contain either tent sites or a three-sided shelter. Shelters and tent sites for individual small parties are available first come, first served. Expect crowded campsites from late July through August. When sites are full, campers should double up and share empty tent pad space.

**Shelters:** Shelters may not be reserved and may not be used solely for cooking or gear storage. To minimize damage to vegetation, tents and hammocks may not be erected outside shelters; tents may be used inside shelters. Using nails, staples, tacks, and/or tape to attach items to shelters is prohibited.

Hammocks: In campgrounds, hammocks may only be used within the existing impacted area of designated campsites and not in the surrounding trees or vegetation. Hammocks may not be erected at shelter sites or inside shelters. Appropriate hammock locations may not be available; plan on bringing a tent. Choose trees with care; many cannot support a hammock. Hammock use must not damage trees.

**Off-trail Camping:** Campers must stay in established campsites unless off-trail (cross-country) arrangements are made when permitting. Terrain and vegetation make off-trail hiking and camping difficult.

## Canoeing/Kayaking

With numerous lakes, bays, and islands, the park provides miles of waterways for the experienced canoeist and kayaker.

Route Considerations: Lake Superior is well-known for its cold temperatures, fog, and sudden squalls that can generate large waves. Small, open vessels are encouraged to use the numerous miles of inland lake waterways instead.

**Requirements:** Every canoeist and kayaker must have a U.S. Coast Guardapproved personal flotation device. Wear it; your life may depend on it.

Weather: Canoeists and kayakers should consult the marine forecast at visitor centers before embarking. Be prepared to adjust your schedule. A portable marine radio is recommended for overnight trips.

**Inland Lake Canoe Routes and Portages** are on the northeast half of the island. Portages are marked with a letter "P" on a post (see page 6).

**Boat Rentals** are available at Windigo and Rock Harbor. Contact Rock Harbor Lodge for more information (see page 10).

## Fishing

With its multitude of reefs and bays on Lake Superior and its numerous interior lakes and streams, Isle Royale provides varied opportunities for recreational fishing.

### Lake Superior Waters

- A Michigan fishing license is required for fishing in Lake Superior, including narrow bays and harbors, and when transporting fish from the island to the mainland. Youth age 17 years or younger may fish without a license.
- Possession or use of bait for fishing within Lake Superior park waters is limited to those fish and/or fish parts caught within park waters. Transporting fish or fish parts for use as bait to the park is prohibited.

### Inland Lakes and Streams

- Licenses are not required to fish on the inland waters of Isle Royale.
- Barbless hooks and artificial lures only in all inland lakes, streams, and creeks.

Possession Limits are usually the same as those set by the State of Michigan.

Anglers should refer to the Michigan fishing regulations for possession limits and detailed license requirements for Lake Superior (see chart for a brief overview of regulations.)

**Fishing Licenses:** Only 24-hour licenses are available on the island, and only when concession services are open. Purchase a Michigan fishing license in advance, and download a copy of the Michigan Fishing Guide at www.michigan.gov/dnr.

**Disposal of Fish Remains**: Eliminate potential for attracting and feeding wildlife by reducing unsightly fish remains and odors. Clean fish away from docks and campgrounds. Do not throw remains into shallow water, to gulls, or to other wildlife. To dispose of remains:

- At Rock Harbor and Windigo, use the fish cleaning station.
- At other Lake Superior locations, deposit chopped remains (pieces 4" or less) into water at least 50' in depth.
- At inland lake sites, deposit chopped remains (pieces 4" or less) into deep water via canoe or move at least 200' (75 steps) from the campground and throw chopped remains as far as possible into deep water.

**Fish Consumption Advisory:** Contaminants in the park ecosystem remind us that although Isle Royale is remote, it is part of a global system. Research in six inland lakes (Sargent, Siskiwit, Eva, Shesheeb, Wagejo, and Angleworm) shows fish with mercury levels exceeding state fish consumption advisories. <u>Review safe fish consumption guidelines</u>.

Fishing I	Regula	tions		
Species	Season	Minimum Size	Daily Possesion Limit	Comment
Lake Trout, Rainbow Trout, and Salmon in Lake Superior	All Year	10"except 15"for lake trout	5 in any combination, but no more than 3 Lake Trout - only one Lake Trout over 34"	*1, *2
Lake Trout in Siskiwit Lake	April 16 to Oct 31			*2, *3, *4
Coaster Brook Trout in Lake Superior	Last Saturday in April to Labor Day	N/A	Catch and release only in park waters	*1
Brook Trout in Streams and Hidden Lake	Last Saturday in April to	N/A	Catch and release only - No possession allowed.	*3, *4
Rainbow Trout in Streams	Labor Day	7"	5 fish with no more than 3 fish over 15"	



Lake Herring April 16 N/A Catch and release only \*3, \*4 (Cisco) and Lake to Oct 31 Whitefish in Inland Lakes Yellow Perch in No minimum size 50 Lake Superior **Recommend Daily Limit** and Inland Lakes of 10 May 15 to Oct 31 Northern Pike in Lake Superior 24' 5 in any combination, \*3, \*4 Lake Superior Inland Lakes - No but no more than 2 and Inland Lakes min size, 30" max Northern Pike Walleye in Lake Superior 15" and Inland Lakes Review the Michigan Fishing Guide for additional fish species, seasons, creel limits, and 2019 regulation updates and changes. \*1 Park boundaries extend 4.5 miles into Lake Superior from the outermost land areas. \*2 For additional trout/salmon fishing information, review the Michigan Fishing Guide. \*3 Artificial lure means any lure or fly manufactured in imitation of, or as a substitute for, natural bait. It is unlawful to use or possess live bait, dead or preserved bait, organic or processed food, or scented material on interior lakes or streams. \*4 Only barbless hooks may be used for fishing the park's rivers, creeks, streams, and all inland lakes. Barbed hooks are only allowed in Lake Superior waters.

8 Your Guide To Isle Royale National Park – 2019

# Things to Do

## **Boating**

Hundreds of islands and surrounding Lake Superior waters are within the boundaries of the park. Numerous docks and countless anchorages provide access for power and sailboats.

Plan Ahead: All boaters should make themselves familiar with information in the Isle Royale Boating Guide. Visit www.nps.gov/isro/planyourvisit/ boating-guide.htm

Lake Superior offers challenging and often dangerous weather in the form of dense fog, high winds, waves, and thunderstorms. Combine rocky reefs and limited safe harbors with Isle Royale's remoteness, and it pays for you, your crew, and your boat to be shipshape.

Day Use: Boaters visiting the park or park waters for the day are required to pay entrance fees (see page 11) and are encouraged to fill out a day permit at Windigo, Rock Harbor, or Houghton. Call (906) 482-0984.

Overnight Stays: All boaters staying overnight at anchor, at docks, or in campgrounds must obtain a camping permit at Houghton, Rock Harbor, or Windigo. Boaters are encouraged to permit ahead of their trip. Call (906) 482-0984.

Restricted Water Activities: Water skiing and personal watercraft including vessels referred to as Jet Skis, Waverunners, or Sea-doos are prohibited.

All of the park's inland lakes are located within designated wilderness, and may only be explored by paddling. Vessels with motors (even if not in use) are prohibited on inland lakes and streams.

Quiet/No Wake Zones: These zones promote quality visitor experience by providing relatively tranquil, natural marine surroundings. Within the zone, vessels must not exceed 5 mph or create a wake in excess of surrounding seas. See map on pages 6 and 7 and consult www.nps.gov/isro/planyourvisit/ Quiet-No-Wake.htm.

On-Board Generators: The operation or use of permanently installed (by the boat manufacturer) on-board vessel generators is limited to specific times and locations. Visit www.nps.gov/isro/planyourvisit/boating-guide.htm

Fuel: Vessels carrying spare fuel in portable containers must use legally approved containers. Fuel may not be stored on docks.

Gasoline and diesel fuel are sold at Rock Harbor and Windigo when concession services are open (see page 10). Early and late season fuel may be obtained at Windigo and Mott Island if personnel are available.

## Diving

Experienced divers can explore the National Park Service's most intact collection of shipwrecks.

Dive Permits are required. Each diver must register at a visitor center before diving.

To learn more visit: www.nps.gov/isro/planyourvisit/scuba-diving.htm.

## **Deeper Connections** Join a Workshop Sponsored by IRKPA

The Isle Royale & Keweenaw Parks Association (IRKPA), in partnership with the National Park Service, promotes the public's understanding and appreciation of Isle Royale National Park and Keweenaw National Historical Park through education and research.

Isle Royale Botany.....June 3 - 8, 2019 Participants explore early season plants in the Rock Harbor Area.

Keweenaw Botany......July 9 - 11, 2019 Explore the Keweenaw Peninsula's shorelines, ridges, forests, and wetlands. Identify plants in habitats including boreal species and rare arctic disjuncts.

Isle Royale Night Sky Photography ......September 3 - 7, 2019 Beginning and intermediate photographers are invited to join Lake Superior Photo's Shawn Malone for this nature photography workshop with particular emphasis on capturing images of the night sky over Isle Royale.

## More Workshop Information: http://irkpa.org/get-involved/workshops



# Group Camping

Want to bring a party of seven or more to the island? Advance reservations are required for any group or organization, including families and friends traveling together, bringing seven or more people to the island.

If your group exceeds ten people, you must split into two parties, each independent and traveling on completely separate itineraries. This means that groups with small parties cannot camp in the same campground at the same time.

Organizations may not have more than twenty people camping on the island at any one time and are limited to eighty people a year.

Group leaders should carry medical information for each group member including known allergies, medical conditions, and medications currently taken.

## How to Make A Group Camping Reservation Request All group camping reservations must be made in advance.

- Check out the group camping website:
- www.nps.gov/isro/planyourvisit/group-camping-parties-of-seven-to-ten.htm.
- Access the Isle Royale NP Group Fee on www.pay.gov. Search Isle Royale.
- Click "Continue to Form" (blue button in lower right corner).
- Fill out the information in the online form: purchaser information, permit fee, and requested itinerary for each permit.
- Submit payment.

1.

2.

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- After January 2, most likely in March, the park will contact you to confirm your requested itinerary or discuss any necessary changes. If your requested itinerary needs to be modified for any reason, staff will work with you directly to find an itinerary that works for your group.
- Once an itinerary is approved, you will receive a permit confirmation email.

8.

If You Have	You Will Camp At	Type of Permit	Obtain Your Permit At	Special Recreation Permit Fee
6 people or fewer	Individual Campsites, first-come, first-served	Small-party Backcountry Camping Permit	Rock Harbor or Windigo Visitor Center upon arrival to island, or onboard <i>Ranger III</i> ferry.	\$0
Two or more parties of 6 people or fewer (not to exceed 20)	Individual Campsites, first-come, first-served	Small-party Backcountry Camping Permit for each party of campers with completely separate itineraries**	Access the Isle Royale NP Group Fee form on <u>www.pay.gov</u> . The online form is available from January 2 through	\$25 per pemit
One group of 7 – 10 people	Reserved Group Campsites	Group Camping Permit	October 15 each year.	\$25
Two groups of 7 – 10 people	Reserved Group Campsites	Two Group Camping Permits with completely separate itineraries**	After January 2, most likely in March, the park will contact you via email or phone to confirm	\$50
One group of 7-10 people and one or two parties of 6 people or fewer (not to exceed 20)	Reserved Group Campsites and Individual Campsites first-come, first-served	Group Camping Permit and Small-party Backcountry Camping Permit(s) with completely separate itineraries**	your requested itinerary or discuss any necessary changes.	\$25 per permit
**Separate itineraries mean	s that small parties/groups ca	nnot camp in the same campgroun	d at the same time.	

# Visitor Centers and Programs

Educational programs are offered at Rock Harbor, Windigo, Houghton, and aboard *Ranger III*. The tour boat *The Sandy* offers guided excursions.

- All times are eastern time
  - \$ = transportation cost

ROCK HARBOR	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<b>Rock Harbor Visitor Center</b> Information, books, maps, camping permits, dive permits, passes, ranger program schedules			9/3 – 9/1	3: Daily 8:00 am 4: Daily 8:00 am nd after 9/14: Op	to 4:00 pm	y	
THE SANDY TOURS FROM ROCK HARBOR	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
The trails on tours are rocky and uneven with some steep climbs and descents; trails may be slippery. Be prepared for cold temperatures and rain.		rs operate 6/4 throi ge and visitor cente				the lodge.	
<b>Hidden Lake/Lookout Louise (\$)</b> A 4-mile boat trip with trip hike up to Lookout Louise for views of Canada. Return hike 9.4 miles back to Rock Harbor.		9:00 am to 12:30 pm (Water Bus)		9:00 am to 12:30 pm (Water Bus)			
<b>Passage Island (\$)</b> An 8-mile boat tour crosses a popular The 2-mile round trip hike leads to Passage Island Lightho	1:30 pm to 6:00 pm		9:00 am to 1:30 pm		1:30 pm to 6:00 pm		
<b>Edisen Fishery and Rock Harbor Light (\$)</b> A 6-mile boat historic commercial fishery and a quarter-mile hike to enjoc Harbor Lighthouse exhibits.		2:00 pm to 6:00 pm (Water Bus)		2:00 pm to 6:00 pm (Water Bus)		9:00 am to 1:30 pm (Water Bus)	
<b>Raspberry Island/Sunset Cruise (\$)</b> A 1-mile hike arour Island for scenic views of shoreline, forest, and bog. Then Blake Point to view Canada and enjoy a Lake Superior sun (after Aug. 15, cruise only).	cruise around		8:00 pm to sunset in June - July, 7:30 pm in Aug-September	2:30 pm to 5:30 pm Raspberry Island only		8:00 pm to sunset in June - July, 7:30 pm in Aug-September	
WINDIGO	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Windigo Visitor Center Information, books, maps, camping permits, dive permits, passes, ranger program schedules.			9/4 – 9/1	3: Daily 8:00 am 4: Daily 8:00 am nd after 9/14: Op	to 4:00 pm	ý	
HOUGHTON	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Houghton Visitor Center Information, planning, books, maps, <i>Ranger III</i> and g reservations, dive permits, boater camping permits,	roup camping and passes.		4: Monday throu n 5/22/2020: Mor				
<b>Keweenaw Waterway Cruises (\$)</b> Enjoy a three hour afternoon Keweenaw Waterway Cruise <i>Ranger III</i> . Explore waterway landmarks with a ranger. For reservations call 906-482-0984.				7/11, 7/18, 8/8, 8/29 12:30 pm			
<b>Ranger III Tour:</b> Join a free, one hour ranger-led tour of t Ranger III. Limited to 20 participants. For reservations call,				7/4 - 7/29 4:00 pm			
<b>Ranger at the Beach:</b> Join a ranger at a local beach to w <i>Ranger III</i> return from Isle Royale and to explore shorelines program. For more information call, 906-482-0984. Houghton: Chutes & Ladders: Wednesdays 7/3 - 8/21 Hancock Beach: Saturdays: 7/6 - 8/24 (no 7/13 or 8/17)			Houghton Chutes & Ladders 2:00 pm 7/3 - 8/21			Hancock Beach 2:00 pm, 7/6 - 8/24 (No 7/13 or 8/17	

# Forever Resorts: Rock Harbor and Windigo

## Lakeside Lodge Rooms

Sixty rooms available; each accommodates four and offers private bath. Open 6/4 through night of 9/13.

## Housekeeping Cabins

Twenty duplex cottages accommodate six and are furnished with kitchenettes, utensils, dishware, private bath, double bed and one bunk bed. Open 5/24 through night of 9/13

## Gift Shop and Dockside Store

Gift Shop offers handcrafted gifts, apparel, postcards, souvenirs, daily fishing licenses, and tackle. The store offers camping, hiking, and boating accessories, groceries, freeze-dried foods, fishing tackle, stove fuel, showers, laundry facilities,

## Lighthouse Restaurant and Greenstone Grill

Hearty meals, including fresh lake trout. Visitors welcome for breakfast, lunch, and dinner. Food service open 6/4 through breakfast on 9/14.

## Marina

Offers 450 feet of dock space in Rock Harbor, accommodating boats up to 65 feet. Electrical, fresh water hook-up, sewage pump-out, gasoline, and diesel fuel, motorboat, canoe, and kayak rental available. Services open 5/24 through 9/13.

## Fishing Charters and Sightseeing

Charters are fully equipped for catching lake trout and salmon. For details on sightseeing tours aboard *The* 

## Windigo Store and Marina

Offers groceries, cold sandwiches, camping supplies, stove fuel, daily fishing licenses, tackle, gifts, and sundries. The marina offers gasoline, diesel, pump-out service, and motorboat, canoe and kayak rental. Shower and laundry facilities available. Open 6/4 through 9/11

## Windigo Camper Cabins

Two rustic cabins; each accommodates up to six and is furnished with table, chairs, full size futon, bunk beds with mattresses, electrical outlets and lighting. Each has a picnic table and propane grill. Water spigot and privy are nearby. Open 6/4 through 9/13. **Contact Rock Harbor Lodge** www.rockharborlodge.com Summer Phone: 906-337-4993 Winter Phone: 866-644-2003 Email: info@isleroyaleresorts.com

and sundries. Gift Shop open 6/4 through 9/13; Dockside store open 5/24 through 9/13.

Sandy, see above. Open 6/4 through 9/13.



The cost for utilities on Isle Royale is much higher than on the mainland. A utility surcharge will be added to the cost of some goods and services.

# **Transportation Services**

### From Houghton, Michigan



#### **Ranger III** NPS owned and operated. 6 hours one-way to Rock Harbor.

Schedule (eastern time)

5/28 – 9/14
<ul> <li>Houghton to Rock Harbor</li> </ul>
Tues and Fri 9:00 am
<ul> <li>Rock Harbor to Houghton</li> </ul>
Wed and Sat at 9:00 am
Fares One-Way
Low Season (Before 7/9, after 8/24)
Adult\$55.00
High Season (7/9 – 8/24)
Adult\$70.00
All Season
Child(1-15)\$35.00
Infant (under 1)Free
Boat (less than 18'01")\$100.00
Boat (18'01" to 20'00")\$150.00
Disabled Boat (Captain's Discretion)
(20'01" to 24'00")\$350.00
Canoes/Kayaks: hand-loaded\$30.00
Canoes/Kayaks: oversized\$60.00
Outboard Motor\$15.00
100 lbs. gear per passengerFree
Freight after 100 lbs\$9.50/100wt.

#### Special Rates

<i>Ranger III</i> Inauguration Special Round trip between 6/11 – 6/22				
Adult	\$70.00			
Child (1–15)	\$35.00			
Keweenaw Waterway Cruises				
7/11, 7/18, 8/8, 8/29				
Depart Houghton 12:30 pr	m (3 hours)			
Adult	\$30.00			
Child(1-15)	\$15.00			
Infant (under 1)	Free			

#### Reservations

Payment required for confirmed reservation. Reservations accepted on or after January 2.

#### Cancellations

Refunds, minus a 15% processing fee, if cancellation is received 3 days prior to sailing and tickets are returned. No refund within 3 days of sailing.

#### Amenities

Free parking • Two decks for passenger use • *Ranger III* Grill • Interpretive programs • Backcountry orientation and permits issued onboard • Accessible bathroom

#### **Contact Information**

Fees & Passes

**Daily Entrance Fee** 

Phone: (906) 482-0984 E-mail: ISRO\_Ranger3Reserve@nps.gov Website: www.nps.gov/isro

### From Copper Harbor, Michigan



#### **Isle Royale Queen IV** 3.5 hours one-way to Rock Harbor, concession operated.

Schedule (eastern time)

•Copper Harbor 8:00 am
<ul> <li>Rock Harbor 2:45 pm</li> </ul>
5/13 – 6/7

6/10-6/29	M, T, Th, F, Sat
7/1-7/23	M, T, Th, F, Sat, Sun
7/25-8/27	Every Day
8/29 – 9/2	M, T, Th, F, Sat, Sun
9/4 – 9/13	M, W, F, Sun
9/16 - 9/30	M, F

Fares	One-Way
Low Season (5/14 - 7/19	9, 8/21 – 9/28)
•Adult	\$62.00
•Child (1 – 15)	\$47.00
High Season (7/20 – 8/2	0)
•Adult	\$68.00
•Child (1 – 15)	\$50.00
All Season	
Infant (under 1)	Free
Canoes/Kayaks	\$30.00
Double Kayaks	\$40.00
Motors (under 5 hp)	\$5.00
Motors (5 hp and over)	\$15.00

#### Reservations

Online reservations available at <u>www.</u>
isleroyale.com. Phone reservations
also taken. Full-fare deposit
required. Canoes and kayaks require
reservations.

70lbs.gearperperson.....Free

#### Cancellations

Refund is 85% if received prior to 1 week before sailing. No refund within 1 week of sailing. If canceling a group of 10 or more, 2 weeks notice is required.

#### Miscellaneous

Parking fee • Limited snacks • Freight, canoes, etc. carried for passengers only • Baggage limited to 70 lbs. per passenger

#### **Contact Information**

The Isle Royale Line, Inc. **Phone:** (906) 289-4437 **E-mail:** isleroyalequeen@gmail.com **Website:** www.isleroyale.com

## From Grand Portage, Minnesota



#### Voyageur II

Grand Portage to Windigo - 2 hours one-way, Windigo to Rock Harbor - 5 hours one-way, concession operated.

#### Schedule (central time)

..M, F

Fares	One-Way
	(2:00 pm EDT)
Windigo to Grand Porta	
Grand Portage to Wind	5
9/21-9/29	Sat, Sun
•Windigo Round Trip	
9/19 – 10/3	Th
5/28 – 9/15	T, Th, Sun
5/12-5/26	
Bay/Windigo 8:00 an	n (9:00 am EDT)
Daisy Farm/Chippewa	a Harbor/Malone
• Rock Harbor to Gran	
9/18 – 10/2	
5/27 – 9/14	
5/11 – 5/25	W. Sat
7:30 am	
Windigo/McCargoe (	
• Grand Portage to Roo	•

Fares	One-way
Grand Portage to Win	digo
•Adult	\$72.00
•Child (4 – 15)	\$65.00
•Child (3 and under)	Free
Grand Portage to any	same-day
stop beyond Windigo or any	
same-day stop beyond	d Windigo to
Grand Portage	-
•Adult	\$86.00
•Child (4 – 15)	\$78.00
Inter-island travel betw	ween various
same-day island stops	
•Adult\$	54.00 - 67.00
•Child (4 – 15)\$	49.00 - 60.00
All Season	
Canoe, Kayak	\$40.00
40 lbs. gear per passenge	

Reservations
Air Tanks, Add. freight\$40.00/100 lbs
ro ibs. gear per passeriger

Payment required for confirmed reservations.

#### Cancellations

Refund is 85% of fare, provided cancellation is received at least 2 full weeks prior to departure.

#### Miscellaneous

Parking fee • Hot coffee • Fishing poles must be in protective cases • Hard gear must be in securely closed packs • Fuel surcharge • Arrange freight shipments in advance

#### **Contact Information**

Grand Portage-Isle Royale Transportation Line, Inc. Phone: May - Oct: (218) 600-0765 E-mail: reservations@isleroyaleboats.com Website: www.isleroyaleboats.com

### From Grand Portage, Minnesota



## Sea Hunter III

1.5 hours one-way to Windigo, concession operated.

#### Schedule (central time)

<ul> <li>Grand Portage to Windigo 8:30 am</li> </ul>
6/5 – 7/6W, F, Sat
7/10-8/11W, Th, F, Sat, Sun
8/14-8/31W, F, Sat
<ul> <li>Windigo to Grand Portage</li> </ul>
2:00 pm (3:00 pm EDT)
6/5 – 7/6W, F, Sat
7/10-8/11W, Th, F, Sat, Sun
8/14-8/31W, F, Sat

#### Fares

raies	One-way
Adult	\$72.00
Child(4 – 15)	\$65.00
Child (3 and under)	Free
Canoe, Kayak	\$40.00
40 lbs. gear per passenger.	Free
Additional freight\$4	0.00/100 lbs.

One-Way

#### Same-Day Round Trip

Adult	\$68.00
Child (4-15)	\$61.00
Child (3 and under)	Free

#### Reservations

Payment required for confirmed reservations.

#### Cancellations

Refund is 85% of fare, provided cancellation is received at least 2 full weeks prior to departure.

#### Miscellaneous

Parking fee • Hot coffee • Fishing poles must be in protective cases • Hard gear must be in securely closed packs • Fuel surcharge • Sightseeing en route

#### **Contact Information**

Grand Portage-Isle Royale Transportation Line, Inc. Phone: May - Oct: (218) 600-0765 E-mail: reservations@isleroyaleboats.com Website: www.isleroyaleboats.com

## From Hancock, Michigan



#### Seaplane

30 - 40 minutes to Windigo or Rock Harbor each way, concession-operated Cessna 206 and DeHavilland Beaver.

#### Schedule

5/20 – 9/20	Daily
Fares (per person)	

i ares (per person)	
Low Season (Before 6/22, after 9/7)	
Round trip	\$320.00
One-way	\$220.00
High Season (6/22 – 9/7)	
Round trip	\$330.00
One-way	\$230.00
All Season	
Inter-island	\$130.00
Infant (under 2)	Free

#### From Grand Marais, Minnesota

#### Seaplane

30 minutes to Windigo, 45 minutes to Rock Harbor each way, concessionoperated Cessna 206 and DeHavilland Beaver.

.....Dailv

## **Schedule** 5/20 – 9/20.....

Fares (per person)

#### All Season

Grand Marais to Windigo	
•Round trip	.\$290.00
•One-way	\$200.00
Grand Marais to Rock Harbor	
•Round trip	.\$380.00
•One-way	\$260.00
Arrive Rock Harbor, Depart	Windigo
	\$335.00
Arrive Windigo, Depart Roc	k Harbor
	\$335.00
Inter-island	\$130.00
Infant (under 2)	Free

#### Reservations

Payment required for confirmed reservation.

#### Cancellations

Full refund of fare, provided cancellation received at least two full weeks prior to departure.

#### Miscellaneous

Parking fee • Planes accommodate up to six passengers • Baggage is limited to 50 lbs. per person • Planes cannot carry stove fuel; selected fuels are available upon park arrival

Contact Information Isle Royale Seaplanes Phone: (906) 483-4991 E-mail: info@isleroyaleseaplanes.com Website: www.isleroyaleseaplanes.com

## Pay Entrance Fees in Advance

*Isle Royale Queen IV, Voyageur II, Sea Hunter III,* and Isle Royale Seaplanes no longer collect park fees. Visitors using these services should pay fees or purchase passes in advance to avoid congestion and long waits upon arrival.

Isle Royale Season Pass	\$60, valid from April 16 through October 31 of the year indicated. Pass covers fees for the pass holder and up to three adults traveling with the pass holder (four total).
Federal Lands Passes	Access, Annual, Military, and Senior Passes are honored. Pass covers fees for the pass holder and up to three adults traveling with the pass holder (four total).
4th Grade Pass	Through August 31, 2019, entrance fees will be waived for US students in 4th grade (and up to three accompanying adults). Student must present paper voucher or 4th grade pass upon arrival. Go to <u>www.everykidinapark.gov</u> to receive a voucher.

Rates & Explanation

Children 15 and younger are exempt.

\$7 per person per day to enter or remain in the park.

## Your Fees at Work

Fees you pay while visiting remain in the park and are primarily used for trail and dock maintenance.

## **Projects Completed in 2018**

- Rehabilitated Greenstone Ridge Trail from Island Mine to South Lake Desor.
- Maintained Greenstone Ridge Trail from Mount Franklin to Lookout Louise.
- Rehabilitated the Windigo Comfort Station.

## Pay Online: <u>www.pay.gov</u> (search Isle Royale)

Purchase Daily Entrance Fees or the Isle Royale Season Pass online. Find the Isle Royale NP Individual Daily Pass or Isle Royale NP Season Pass Fees. Select "Continue."

If your party's daily entrance fee charge will be greater than \$60, consider purchasing an Isle Royale Season Pass.

You will receive an email receipt. Bring your receipt as proof of payment to show upon arrival in the park.

## Pay in Person

You may purchase fees and federal lands passes when you arrive at Houghton, Rock Harbor, or Windigo Visitor Centers.

## **Fee Questions**

Contact: 906-482-0984 or isro\_parkinfo@nps.gov



# Contacts

## Isle Royale National Park

www.nps.gov/isro 800 E. Lakeshore Drive Houghton, MI 49931-1869 Phone: 906-482-0984 Fax: 906-482-8753

Facebook search "Isle Royale National Park"

Instagram

www.instagram.com/isleroyalenps/

E-mail for General Information

ISRO\_ParkInfo@nps.gov

**Emergency use only** (440) 546-5945 or Toll free 1-800-433-1986

## Isle Royale and Keweenaw Parks Association

www.irkpa.org 800 East Lakeshore Drive Houghton, MI 49931-1869 Phone: 906-482-3627 E-mail: irkpa@irkpa.org

## Rock Harbor Lodge

www.RockHarborLodge.com Summer Phone: 906-337-4993 Winter Phone: 866-644-2003 E-mail: info@isleroyaleresorts.com

## Weather Forecast

for Isle Royale

www.weather.gov/mqt

### Weather Radio Forecasts

•162.400 MHz from

Houghton, Michigan.162.475 MHz from

Thunder Bay, Ontario, Canada.

## Keweenaw Convention and

**Visitors Bureau** 

www.keweenaw.info
Phone: 888-766-0325

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## BOOKS, MAPS & MORE

Your purchases help support Isle Royale National Park!

Available in military green or royal blue, this quality long-sleeved t-shirt features George Desort's clever snowflake graphic of moose and wolf paw prints. S-XL \$21.95, 2XL \$23.95 Other t-shirts, hoodies, and sweatshirts are available at irkpa.org and in visitor centers.

Show support for your national park with this vinyl 3-sticker set featuring the NPS abbreviation for Isle Royale National Park and two smaller stickers with iconic island images.

**Isle Royale National Park Topographic Map......\$11.95** This 12" by 36" waterproof map shows the entirety of Isle Royale on one side, making it perfect for either backpacking (folded version) or hanging on your wall (rolled version). The back side includes a close-up map of Rock Harbor and Windigo, as well as information on campgrounds and trail mileage.

Isle Royale National Park: Foot Trails and Water Routes......\$16.95 The park's authoritative trip-planning guide. Complete descriptions for trails and waterways including mileage, difficulty, and amenities. More than 60 photos and 35 detailed maps. 4th edition.

Island Life: An Isle Royale Nature Guide......\$15.95 A guide to the common flora and fauna of Isle Royale in one easy-to-use volume. Over 350 species of mammals, birds, fish, reptiles, trees, and flowers, each illustrated with a color photograph or drawing.

The Wolves of Isle Royale: A Broken Balance......\$29.95 This classic first-hand account of the Isle Royale predator/prey study is illustrated with more than 100 photographs. The book reveals the true nature of the little-understood wolf and some of the secrets of this one-of-a-kind research project, now in its 61st year.

**Moose Sunset Magnet and Print**.....\$4.50, \$6.95 A great small gift item (2.5" x 3.5"), this magnet features a beautiful island sunset that can add a bit of island magic to your fridge or filing cabinet! \$4.50 Also available as a 9" x 12" art print, \$6.95.

**Stuffed Superior Moose and Kids Tee**.....**\$12.95, \$19.95** This plush moose wears a blue or green "Isle Royale National Park: Home of Superior Moose!" t-shirt—a perfect keepsake or gift! Also available with matching youth tee, sizes XS (2-4), S (6-8) or M (10-12) \$19.95.

Water Walkers.....\$14.95 Winner of the Moonbeam Children's Book Award, this lushly illustrated book tells the story of a young Ojibway girl as she walks with her grandmother and learns the importance of protecting our Great Lakes.

## Join the Isle Royale & Keweenaw Parks Association

The Isle Royale & Keweenaw Parks Association (IRKPA), in partnership with the National Park Service, promotes the public's understanding and appreciation of Isle Royale National Park and Keweenaw National Historical Park through education and research. Every year IRKPA contributes approximately \$25,000 in cash and in-kind aid to Isle Royale National Park.

## Make your purchase today!

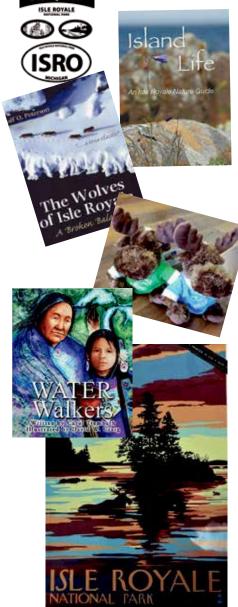
Visit <u>www.irkpa.org</u> Call 906-482-3627 or 800-678-6925

IRKPA members receive a 10% discount on purchases!









#### Minnesota's Grand Marais Visitor Information Center

www.visitcookcounty.com

Phone: 888-922-5000

#### **Michigan DNR**

Fishing License Purchase

www.michigan.gov/dnr

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Please recycle.

### You Can Help....

Support the work of IRKPA and our partner parks by becoming a member. Your taxdeductible contribution will help share the stories of Isle Royale National Park and Keweenaw National Historical Park with people of all ages, around the world. Join online at https://irkpa.org/support/join or at a visitor center.

#### Member Benefits

- A 10% discount on all purchases from IRKPA outlets and many other public lands visitor centers
- \$25 discount on IRKPA workshops
- Three issues of *Wolf's Eye* newsletter
- Copies of park newspapers, *The Greenstone* and the *Keweenaw Guide*
- Invitations to programs, trips, and events

## **Membership Levels**

- Individual.....\$25
- Household.....\$35
- Supporting.....\$50
- Sustaining......\$100
- Patron.....\$250
- Life.....\$1,200 (payable in four installments)

#### Become a member today!