



In The Park

CAPE HATTERAS NATIONAL SEASHORE

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Cape Hatteras National
Seashore Facebook page



@CapeHatterasNPS



@CapeHatterasNPS



Cape Hatteras National
Seashore Flickr page



Welcome To The Park

We want your visit to the seashore to be safe and enjoyable. By following these guidelines, we can all protect and maintain this spectacular area.



Camping

Camping is permitted on the seashore only in designated campgrounds. Oregon Inlet, Cape Point & Frisco campgrounds are on a first-come, first-served basis at \$20 per site. Ocracoke Campground reservations can be made at www.recreation.gov or (877) 444-6777 at \$23 per site. Cape Point Campground closes on September 1; Oregon Inlet & Frisco on October 13 & Ocracoke on October 27.

Alcoholic Beverages

NC law does not permit spirituous liquors—distilled liquors, whiskey, vodka, etc—or fortified wines to be consumed in public. The legal NC drinking age is 21. Open containers of alcohol are not permitted in any motor vehicle.



Fishing

NC Coastal Recreational Fishing License is required & is available at local tackle shops.

Personal Watercraft

The trailering, launching, or landing of personal watercraft (Jet Ski, Waverunner, etc) is not allowed in the seashore.



Beach Campfires

A Beach Fire Permit is required. This permit is free & available at ORV permit offices, campgrounds, or visitor centers. Beach fires are not allowed from 10 pm to 6 am. From May 1–November 15, beach fires are only allowed on ocean beaches at Coquina Beach, Ocracoke Day Use Area & the villages of Rodanthe, Waves, Salvo, Avon, Buxton, Frisco & Hatteras.

Special Access for Persons With Disabilities

Beach-capable wheelchairs are available on a first-come, first-served basis at the Coquina Beach ORV Permit Office, the Hatteras Island Visitor Center & the Ocracoke ORV Permit Office. Special Park Use Permits may be issued to visitors with disabilities to provide vehicular access to vehicle-free areas—the vehicle used will require an ORV Permit as well.

Fireworks

Fireworks are not allowed in any National Park Service area.



Pets

Pets must be on a 6' leash at all times & are prohibited within any resource closure. Pets are not allowed in buildings.

Metal Detectors

Use of metal detectors is prohibited.

Kites

Kite-flying or Frisbee- & ball-throwing is allowed on beaches, except within or over any nesting shorebird closure.

Remember:
Call 911 to report emergencies.



Beach Closures

Some parts of the beach may be closed for resource protection or safety reasons. Resource closures are areas that may be temporarily closed to pedestrian & ORV use to protect nesting shorebirds & sea turtles. Those closures may shrink or expand given the behavior & protection requirements of these wildlife species. Safety closures are areas closed to ORV use where the beach is extremely narrow.

NC Ferries

To check on the latest ferry schedule, or to make reservations, go to www.ncdot.gov/ferry/.

Off-Road Vehicle Use

An ORV Permit is required—annual permits (calendar year) are \$120; 7-day permits are \$50. Vehicles must be licensed, insured & registered; you must present your driver's license & vehicle registration. Permit offices, open 8 am to 4:30 pm daily (closed Christmas), are located at: Bodie Island at the north end of the Coquina Beach parking lot (8101 NC12 Highway, Nags Head, NC); Hatteras Island by the Cape Hatteras Lighthouse (46368 Lighthouse Road, Buxton, NC) & Ocracoke Island by the NPS visitor center (40 Irvin Garrish Hwy, Ocracoke, NC).



Swimming Safety

The ocean is a wonderful place to swim—if you are careful. Strong wave energy, rough surf, and rip currents can turn a quick dip into a problem.

Clues for Spotting a Rip Current:

- a channel of churning, choppy water
- an area having a notable difference in water color
- a line of foam, seaweed, or debris moving steadily seaward
- a break in the incoming wave pattern



BE SAFE...BE SEEN! Swim near a Lifeguard!

Lifeguarded beaches will be staffed May 24 through Labor Day, 9 am to 5 pm daily, at the following locations (See map pages 4 & 5):

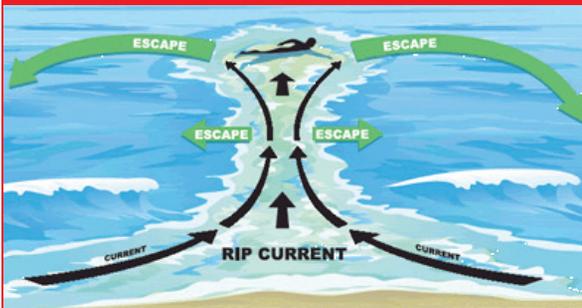
- Hatteras Island, Cape Hatteras Lighthouse Beach
- Ocracoke Island, Ocracoke Day Use Beach
- Bodie Island, Coquina Beach

Lifeguards can answer questions on swimming safety and weather conditions.



During the winter of 2013-2014, at a time when federal budget restraints forced tough decisions regarding basic park operations, cooperative efforts and partnerships led to a compromised resolution. Following discussions between the park superintendent, Hyde County Government and Outer Banks Visitors Bureau, the two local entities agreed to provide stop-gap funding for this summer, which enabled the longstanding lifeguard operation for the seashore to return to a seven day a week reality during the busy summer season.

IF CAUGHT IN A RIP CURRENT...



- **Don't fight the current.**
- **Swim parallel to the shore to get out of the current.**
- **If you can't escape, you should float or tread water.**
- **If you need help, call or wave for assistance.**

Photo and graphic credit: NOAA and U.S. Lifesaving Association

MORE SAFETY TIPS

- Due to dangerous currents, never swim in inlets.
- Do not swim alone, at night, or near fishing piers. Children should swim only with adult supervision.
- Know the various types of ocean currents and how to get out of them.
- Watch the weather. Storms and squalls come up quickly.
- Don't swim during thunderstorms. Lightning is extremely dangerous and does strike the beach. For more information visit www.lightningsafety.noaa.gov.
- Non-swimmers should use US Coast Guard-approved flotation vests, even while wading.
- Be careful at the shore's edge. The force of crashing waves can pick you up and throw you

into the sandy bottom, which may result in fractures, dislocations, or possibly fatal neck injuries.

- Watch for jellyfish. If stung, seek first aid if needed. Pour on vinegar to stop the stinging, but don't rub.
- Do not swim near surfers. The surfboard's fin can cut you.
- Always use sunscreen.

Keep updated on
RIP CURRENTS & WEATHER:

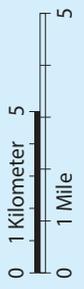
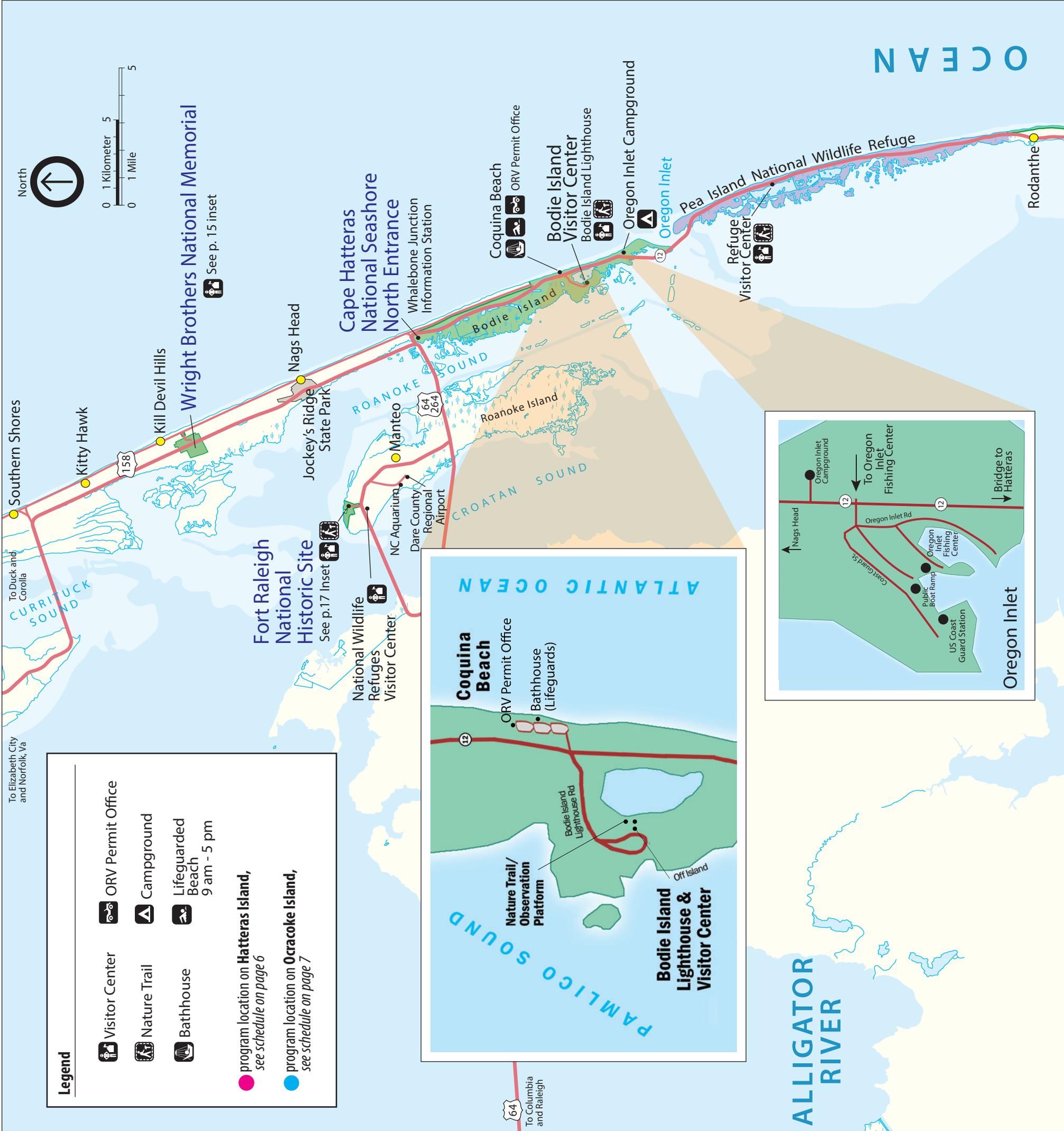
- twitter.com/NWSMoreheadCity
- www.weather.gov/mhx



The Outer Banks[®]
VISITORS BUREAU

HOT The Dangers of Heat & Humidity

A combination of high temperature and high humidity creates an even higher and possibly dangerous apparent temperature. With an air temperature of 90°F and a humidity of 80%, the apparent temperature is 113°F. Heat cramps, heat exhaustion, and heatstroke are possible during elevated apparent temperatures. Enjoy the beach, but limit your physical activity and exposure during days of high heat and humidity. Drink water often.



Legend

	Visitor Center		ORV Permit Office
	Nature Trail		Campground
	Bathhouse		Lifeguarded Beach 9 am - 5 pm

program location on **Hatteras Island**, see schedule on page 6
 program location on **Ocracoke Island**, see schedule on page 7

Coquina Beach

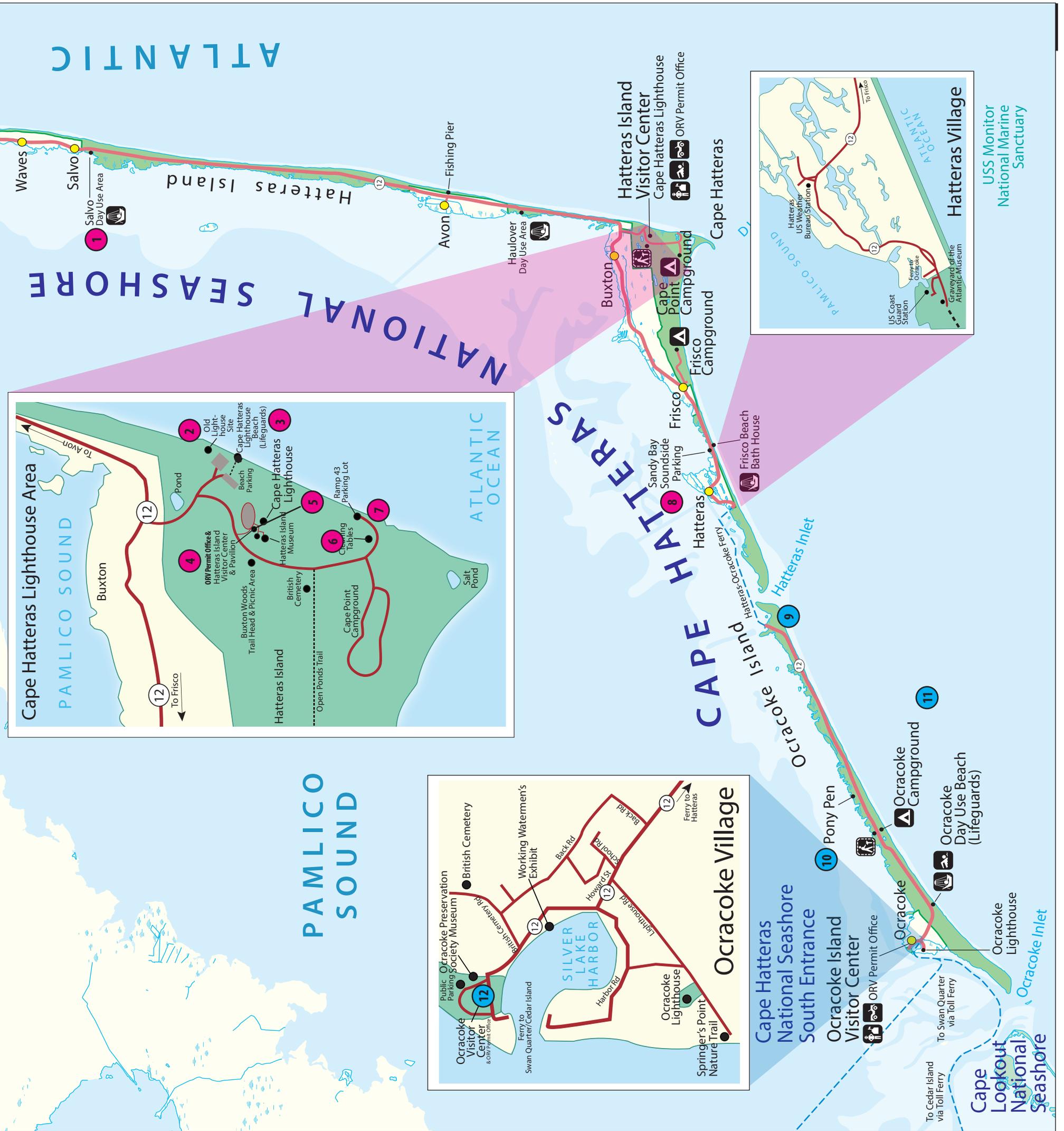
ORV Permit Office
Bathhouse (Lifeguards)

Bodie Island Lighthouse & Visitor Center

Nature Trail/Observation Platform
Bodie Island Lighthouse Rd
Off Island

Oregon Inlet

Oregon Inlet Campground
To Oregon Inlet Fishing Center
Oregon Inlet Rd
Oregon Inlet Fishing Center
Public Boat Ramp
US Coast Guard Station



ATLANTIC

NATIONAL SEASHORE

CAPE HATTERAS

PAMLICO SOUND

Cape Hatteras Lighthouse Area

Cape Hatteras National Seashore South Entrance

Cape Lookout National Seashore

USS Monitor National Marine Sanctuary

Waves Salvo Hatteras Island

Ocracoke Village

Ocracoke Visitor Center & ORV Permit Office

Public Parking

Ocracoke Preservation Society Museum

British Cemetery

Swan Quarter/Cedar Island

Ferry to Cedar Island via Toll Ferry

Silver Lake Harbor

Working Watermen's Exhibit

Back Rd

School Rd

Howard St

Lighthouse Rd

Ocracoke Lighthouse

Springer's Point Nature Trail

Ferry to Hatteras

Cape Hatteras Lighthouse Area

Buxton

PAMLICO SOUND

Atlantic Ocean

12

12

To Frisco

To Avon

1

2

3

4

5

6

7

8

9

10

11

ORV Permit Office & Hatteras Island Visitor Center & Pavilion

Buxton Woods Trail Head & Picnic Area

British Cemetery

Hatteras Island Museum

Cape Hatteras Lighthouse (Lifeguards)

Beach Parking

Old Light-house Site

Ramp 43 Parking Lot

Cape Point Campground

Open Ponds Trail

Salt Pond

Hatteras Village

Hatteras US Weather Bureau Station

Hatteras US Coast Station

Gravyard of the Atlantic Museum

Ferry to Ocracoke

Atlantic Ocean

PAMLICO SOUND

12

To Hatteras

HATTERAS ISLAND PROGRAMS May 23-September 1, 2014

See Description for Location Code

(#) Program is Accessible	Sun	Mon	Tue	Wed	Thurs	Fri	Sat
Morning Bird Walk (#) <i>Fish cleaning tables near ORV Ramp 44</i>			8:00				
Fish with a Ranger <i>Pre-register - see description</i>		8:00			8:00		
Soundside Seining (#) <i>Sandy Bay soundside parking lot</i>						8:30	
Cast Netting <i>Pre-register - see description</i>				9:30			
For Kids: Ocean Beach Explorers (#) <i>Cape Hatteras Lighthouse Beach</i>			10:00				
Barrier Island Dynamics (#) <i>Hatteras Island Visitor Center Pavilion</i>	10:00 & 4:00	10:00 & 4:00	10:00 & 4:00	10:00 & 4:00	10:00 & 4:00	10:00 & 4:00	10:00 & 4:00
Moving History (#) <i>Hatteras Island Visitor Center Pavilion</i>		10:45			10:45		
The World at War on Hatteras (#) <i>Hatteras Island Visitor Center Pavilion</i>			10:45			10:45	
Seashore Arts (#) <i>Pre-register - see description</i>				11:00			
Surviving the Storm (#) <i>Hatteras Island Visitor Center Pavilion</i>	11:30	11:30	11:30		11:30	11:30	11:30
Soundside Snorkel <i>Pre-register - see description</i>			2:30		2:30		
Light Station Discovery Walk (#) <i>Cape Hatteras Light Station Lawn</i>	3:15	3:15	3:15	3:15	3:15	3:15	3:15
US Coast Guard Station Hatteras Inlet Tour <i>Pre-registration, see description</i>						3:30	
For Kids: Pamlico Sound Explorers (#) <i>Salvo Day Use Area</i>				3:30			
Night Climb <i>Pre-registration, see description</i>					8 pm & 9 pm		
Night Life (#) <i>Old Lighthouse site parking lot</i>				8:45 pm			
Night Sky Over Hatteras (#) <i>Parking lot near ORV Ramp 43</i>			9 pm				

The schedule may change without notice. Programs are subject to weather. Sunscreen and bug repellent are recommended for all outdoor programs. Additional programs may be offered at the Hatteras Island Visitor Center Pavilion—please see the daily schedule posted on site.

Hatteras Island Program Description

Circled Number is Location Code—See Map Page 5

* = Pre-registration required

Barrier Island Dynamics (15 minutes) 4

Join a ranger for a look at the wild side of the Outer Banks. Learn how the flora and fauna of this island community adapts to the natural processes of island migration, barrier island roll-over, and erosion. Explore how we are impacting these natural processes and how we can adapt.

Cast Netting (90 minutes) *

Casting a net from shore is one of the oldest methods of fishing still practiced around the world today. Give it a try or just come to observe the action. You're welcome to bring your own cast net or use one of ours. Limited to 25 participants; pre-register at the Hatteras Island Museum beginning the Saturday prior to the program.



Fish With a Ranger (90 minutes to 2 hours) *

Learn the sport of surf casting and fishing. We have poles, but you MUST bring the bait!

Limited to 15 participants; pre-register in person at the Hatteras Island Museum beginning the Saturday prior to the program.

For Kids: Ocean Beach Explorers (90 minutes) 3

Join a ranger for a hands-on, activity-based exploration of the natural environments of the ocean-side of the island. All those under the age of 13 must be accompanied by an adult. All participants should come prepared to get wet. Wearing water shoes that stay on your feet in the water is required; no flip-flops or Crocs. Without proper footwear, you may not be able to participate in the activities. Bug spray and sunscreen are recommended.



For Kids: Pamlico Sound Explorers (90 minutes) 1

Let's investigate and get active along the natural environments of the Pamlico Sound-side of the island. All those under the age of 13 must be accompanied by an adult. All participants should come prepared to get wet. Wearing water shoes that stay on your feet in the water is required; no flip-flops or Crocs. Without proper footwear, you may not be able to participate in the activities. Bug spray and sunscreen are recommended.

Light Station Discovery Walk (20 Minutes) 5

How tall is it? Why was it built here? When and how was it built? Who moved it? What is a Fresnel lens? Answer these and many more questions about the Cape Hatteras Light Station when you join a ranger for this short walk.

Morning Bird Walk (1 to 2 hours) 6

The Outer Banks is well-known for its abundant bird life. Come explore their beach and salt marsh habitats. Beginner and experienced birders are welcomed. Binoculars are available. Sunscreen and bug spray are recommended.

Moving History (20 minutes) 4

How would you move a 4,800 ton, 198.5-foot tall brick and stone building 2,900 feet down the beach? Join a ranger for a short stroll along the move path and around the Cape Hatteras Lighthouse to discover how and why we did just that in 1999.

Night Climb (1 hour) *

Join us for a guided tour of the Cape Hatteras Lighthouse...at NIGHT! You will need to pre-purchase Night Climb tickets in person between 8:15 am and 5:30 pm at the lighthouse ticket booth Tues, Wed, and Thurs on the week you intend to climb. Each program is limited to 30 participants, and tickets are sold on a first-come, first-served basis. Tickets are nonrefundable and children must be at least 42" tall. Bring a flashlight. For prices and climbing tips, see page 10.

Night Life (1 hour) 2

Leave your flashlights in your pocket and welcome back the night. Join a ranger for a short walk to search the tide line and the beach for glowing marine plankton and other signs of night life. Find out why protecting the dark of night is valuable to both people and wildlife. This program meets under the street light in the parking lot at the Old Lighthouse Site. Bring bug spray.

Night Sky Over Hatteras (1 hour) 7

Before GPS and radar, mariners used the stars to navigate. Join us for an exploration of one of the

darkest sky east of the Mississippi River. Night-time navigation, constellations, and a look at the significance of this dark sky will be the focus of this ranger-led program. Bring your blankets, chairs, bug spray, and telescopes for this evening on the beach.

Seashore Arts (45 minutes) ✱

Get in touch with your artistic side and create a lasting memory of the seashore. Bring a cotton t-shirt or pillow case to create a seashore-inspired masterpiece. Limited to 16 participants; pre-register in person at the Hatteras Island Museum beginning the Saturday prior to the program.



Soundside Seining (1 to 1½ hours) 8

Interested in learning about the Pamlico Sound and the creatures living there? Join a ranger and discover the wonders of the sound. We use seining nets to scoop aquatic wildlife from the water. All participants should come prepared to get wet. Wearing water shoes that stay on your feet in the water is required; no flip-flops or Crocs. Without proper footwear, you may not be able to participate in the activities. Bug spray and sunscreen are recommended.

Soundside Snorkel (90 minutes) ✱

It's not the Caribbean, but the shallow waters of the Pamlico Sound are home to an array of small fish, shrimp, and crabs. Limited to 20 participants; pre-register in person at the Hatteras Island Museum beginning the Saturday prior to the program.

Surviving the Storm (15 minutes) 4

Hurricanes, nor'easters, and other weather events have shaped these barrier islands for thousands of years. Even today the human experience is shaped by the ever-changing weather. Lighthouse keepers and mariners along with modern-day home owners and vacationers, must adapt, overcome, and survive the winds and water that pummel this narrow barrier island from all sides. Join a ranger to examine the history and future of the storms that continue to shape the Outer Banks.

US Coast Guard Station Hatteras Inlet Tour (1 hour) ✱

The US Coast Guard, and its predecessor, the US Life-Saving Service, have a long and heroic history on the Outer Banks. Join us to tour an active US Coast Guard Station. Limited to 20 participants; pre-register in person at the Hatteras Island Museum beginning the Saturday prior to the program.

The World at War on Hatteras (15 minutes) 4

Throughout history the waters around Cape Hatteras have provided important shipping lane and travel routes. The First World War saw German mines and the sinking of an important light ship. During WWII, German submarines working off the coast of Cape Hatteras sunk hundreds of American, Canadian, and British vessels throughout 1941 and 1942. Discover the Battle of the Atlantic and other little-known pieces of World War history on the Outer Banks.

OCRACOKE ISLAND PROGRAM May 23 through September 1, 2014

See Description for Location Code

(#) Program is Accessible	Sun	Mon	Tue	Wed	Thurs	Fri	Sat
Morning Bird Walk <i>Hatteras Ferry parking lot on North end of the island</i>						9:30	
Cast Netting <i>Pre-registration, see description</i>				9:30			
Explore the Shore <i>Ocracoke Campground parking lot</i>			9:30				
Crabbing with a Ranger <i>Pre-registration, see description</i>		9:30			9:30		
Especially For Kids (#) <i>Ocracoke Visitor Center</i>			2:00		2:00		
Banker Ponies (#) <i>Pony Pen</i>	11:00		3:00		3:00		11:00
Ocracoke History (#) <i>Ocracoke Visitor Center</i>	3:00	3:00		11:00		11:00	2:00
Pirates! (#) <i>Ocracoke Visitor Center</i>		2:00				2:00	
Barrier Island Nature (#) <i>Ocracoke Visitor Center</i>	2:00		11:00	2:00	11:00	3:00	3:00
Village Walking Tour <i>Ocracoke Visitor Center</i>				3:00			

The schedule may change without notice. Programs are subject to weather. Sunscreen and bug repellent are recommended for all outdoor programs.

Ocracoke Island Program Description

Circled Number is Location Code—See Map Page 5

✱ = Pre-registration required

Banker Ponies (30 minutes) 10

The Banker Ponies are definitely an Ocracoke must-see! Learn more about their mysterious origins, unique physical attributes and survival skills. Sunscreen is recommended.

Barrier Island Nature (30 minutes) 12

Sea turtles, shorebirds, seashells, and shoreline migration. Join a ranger for a talk about the wild side of the seashore. Topics will vary daily.

Cast Netting (90 minutes) ✱

Come and try your hand at using a cast net, one of the oldest forms of fishing. You're welcome to bring your own cast net or use one of ours. Limited to 25 participants; pre-register at the Ocracoke Visitor Center beginning the Saturday prior to the program.

Crabbing With a Ranger (90 minutes) ✱

Learn more about blue crabs and practice the art of catching them. You will need to bring the bait—

raw chicken or fish parts work best. Limited to 25 participants; pre-register in person at the Ocracoke Visitor Center beginning the Saturday prior to the program.

Especially for Kids (30-45 minutes) 12

Hands-on activities developed specifically for children that combine education and entertainment. A perfect way to work towards your Junior Ranger badge!

Explore the Shore (1 hour) 11

The seashore is constantly changing, making beach exploration new every day. Join a ranger and learn more about this special place. All participants should come prepared to get wet. Wear water shoes that stay on your feet in the water; no flip-flops or Crocs. Bug spray and sunscreen are recommended.

Morning Bird Walk (2 hours) 9

Cape Hatteras is well known for its abundant bird life. Come explore

their beach and salt marsh haunts. We have binoculars if you don't have your own. Sunscreen and bug spray is recommended.

Ocracoke History (30 minutes) 12

Ocracoke Island has an incredibly rich cultural history. Algonquian, pilots, fishermen, pirates, lifesavers, and soldiers all play a part in this fascinating story. Come find out more about the island and its people.

Pirates! (30 minutes) 12

Ocracoke was a popular place for Blackbeard and other pirates during the early 1700s. Find out why the island was so attractive to pirates and how the golden age of piracy dramatically ended here.

Village Walking Tour (90 minutes) 12

Stroll through the streets of Ocracoke and discover the history of the village. This ranger-led walk will cover approximately one mile and many of Ocracoke's historic sites. Wear comfortable shoes; bring water and bug spray.

Things to Do on **Bodie Island**

- **Spend a Day at the Beach**

The Coquina Beach Day Use Area is the perfect place to spend the day. This area offers showers, changing rooms, restrooms, parking, and a boardwalk for accessibility.

- **Bodie Island Visitor Center/Bookstore**

The Bodie Island Visitor Center is located in the historic double keepers' quarters at the Bodie Island Light Station. While there, learn some history about the lighthouse and visit the Eastern National bookstore. Pick up Junior Ranger booklets for ages 5-13 and return the completed booklet to receive a badge. Open 8:30 am-6 pm, April 18-Oct 13; and 9 am-5 pm the rest of the year.

- **Bodie Island Lighthouse**

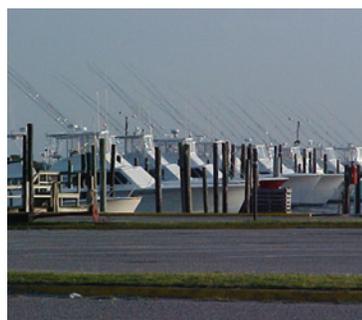
The Bodie Island Lighthouse is open for tours from April 18-Oct 13—see page 10 for details. Lighthouse grounds are open 24 hrs, year-round.

- **Go Birding**

See a variety of bird species on the Bodie Island Light Station Nature Trail, located behind the lighthouse. Follow the boardwalk to an observation deck overlooking the marshes and pond.

- **Oregon Inlet Fishing Center**

Tuna? Wahoo? Want to see what's biting? Charter fishing boats return to the marina from 3pm-5pm and display their catch of the day. Or, book an off-shore or in-shore fishing trip for yourself—call (800) 272-5199.



Things to Do on **Hatteras Island**

- **Hatteras Island Visitor Center/Bookstore**

Located near the lighthouse, this is your stop for orientation and take-home items. Open 9 am-6 pm May 23-Sept 1; and 9 am-5 pm the rest of the year.

- **Hatteras Island Museum**

Located at the Cape Hatteras Lighthouse Double Keepers' Quarters, you can see exhibits that tell the stories of shipwrecks, U-boats, the US Life-Saving Service and more. Pick up Junior Ranger booklets for ages 5-13 and return the completed booklet to receive a badge. Open 9 am-6 pm, May 23-Sept 1; 9 am-5 pm, Feb 24-May 22 & Sept 2-Nov 1; and intermittently Nov 2-Feb 23.

- **Cape Hatteras Lighthouse**

Climbing the tallest brick lighthouse in the country is a unique experience, open April 18-October 13, 2014—see page 10 for details. Lighthouse grounds are open 24 hrs, year-round.

- **Buxton Woods Trail**

Take a break from your normal beach day by exploring the Buxton Woods Trail, a 3/4-mile loop located just past the Cape Hatteras Lighthouse parking lot road. Experience a maritime forest with its variety of birds, dragonflies, and other animals. Picnic tables are available. Bring bug spray.

- **Go Birding**

A great place for migrant species throughout most of the year. Start at the ponds along the road entering the lighthouse area, then continue to the ponds located near the fish cleaning tables. And, join a ranger for the Morning Bird Walk program.

- **Explore the Sound**

The Pamlico Sound is a great place to take small children and for those interested in water sports. The Salvo Day Use Area and Haulover Day Use Area offer parking, restrooms, and access to the gentle

sound waters for swimming, kayaking, watching kiteboarders, and more. Join a ranger to learn about soundside biology on the snorkel, seining, and cast netting programs.

- **Hatteras US Weather Bureau Station**

Located in the heart of Hatteras Village, the US Weather Bureau built this station in 1901. Now staffed by the Outer Banks Visitors Bureau as a welcome center, 9 am-5 pm daily, you can view exhibits about the station.

- **Civil War Markers**

This barrier island has a rich and unique Civil War history. Visit various markers on Hatteras Island, including those located in the parking area of the Graveyard of the Atlantic Museum and across from the Hatteras US Weather Bureau Station.



Hatteras US Weather Bureau Station

Things to Do on Ocracoke Island

- **Ocracoke Visitor Center/Bookstore**

Located in Ocracoke Village by the ferry docks, the visitor center has exhibits on key moments in island history and an excellent selection of bookstore items. Pick up Junior Ranger booklets for ages 5-13 and return the completed booklet to receive a badge. Open 9 am-5 pm daily.

- **Ocracoke Lighthouse**

This oldest (1823) operating lighthouse in North Carolina has very limited parking, so try walking or biking there. This lighthouse is not open for climbing.

- **Ocracoke Ponies**

The Banker ponies are an important part of island history. The pony pen is seven miles north of the village. Picnic tables are available.

- **Hammock Hills Nature Trail**

From the maritime forest to the salt marsh, this ¾-mile, signed loop identifies unique plants and animals. The trailhead is across from the NPS campground. Bring bug spray.

- **Go Birding**

Ocracoke is a great place to enjoy birding. Try the ponds at the north end of the island near the ferry docks to Hatteras Island.



Adopt-a-Pony

The Ocracoke ponies are some of the island's most beloved residents. The National Park Service has cared for the herd since the early 1960s. Taking care of the Ocracoke herd takes both time and money. An illness to just one of the ponies can cost hundreds of dollars in veterinarian fees. The fences in the pasture, hay, grain, and customary care from the veterinarian and blacksmith are funded in large part by donations from the donation box at the viewing platform.

You can help the Ocracoke ponies by adopting the pony of your choice through the Adopt-a-Pony donation program. Your donation is used exclusively to help defray the costs of the veterinary care, feed and hay, and the repair of the pony pasture and facilities. In return, you receive a photo and certificate of adoption with the pony's name, age, and description in a presentation folder.

To adopt a pony, go to www.nps.gov/caha/supportyourpark, complete the "Adopt-a-Pony" form (pdf), and send it, along with \$27, to the park. Or you can save \$2 and stop at the Ocracoke Visitor Center between 9 am and 5 pm daily and adopt a pony in person for \$25.



Portsmouth Village, Cape Lookout National Seashore



Cape Lookout National Seashore

Just south of Ocracoke Island lies Portsmouth Island, part of Cape Lookout National Seashore. Portsmouth Island is known for its pristine natural beaches and for Portsmouth Village, a community where buildings still stand, but only memories remain.

Established in 1753, Portsmouth Village was once the largest settlement on the Outer Banks. A depressed economy and damage from hurricanes were largely responsible for a gradual decline, and eventual depletion, of village inhabitants. Although there has been no one living in this tiny coastal village since the 1970s, many of the buildings still stand tall. Once a bustling sea community, the village is now a 250-acre historic district listed on the National Register of Historic Places.

For a boat shuttle to Portsmouth Island and village, call the park's boat shuttle concession, Austin Boat Tours, at (252) 928-4361. For more information on Cape Lookout National Seashore go to www.nps.gov/caloc. Also, follow Cape Lookout on Twitter @CapeLookoutNPS.



THE CAPE HATTERAS LIGHTHOUSE

The Cape Hatteras Lighthouse is the tallest brick lighthouse in North America. Constructed in 1870, it stands 198.5 feet tall. It was built to help ships navigate around Diamond Shoals off Cape Hatteras, one of the most dangerous sites on the Atlantic Coast. Ships caught in heavy seas and wind would be washed upon the shoals. Waves breaking on the shoals would rip the ships apart. Hundreds and possibly thousands of shipwrecks in this area have given it the reputation as the “Graveyard of the Atlantic.” The lighthouse was moved in 1999 when threatened by the encroaching sea.

Climbing the Lighthouse-What You Need to Know

- At the Cape Hatteras Lighthouse, you climb up and down at your own pace; there is no guided tour.
- Children **MUST** be at least 42” tall to climb.
- Bring bottled water.
- Climbing to the top is equal to a 12-story building. There is no air conditioning or electricity in the lighthouse. It may be humid, warm, and dim inside. Visitors with heart and other medical conditions are strongly discouraged from climbing!
- Children 11 years of age and under must be accompanied by an adult (16 years of age or older).

TICKETS

\$8 - adults

\$4 - children under 12 (must be at least 42” tall); seniors 62 and older; disabled

HOURS:

9 am to 5:30 pm May 23 - Sept 1, 2014

9 am to 4:30 pm Sept 2 - Oct 13, 2014

Tips From a Lighthouse Ranger

1 Check Before You Come -

The lighthouses can close due to extreme heat, thunder and/or lightning, high winds, heavy rain, and medical emergencies. If inclement weather is forecast, you may want to reschedule your visit.

2 Have a Backup Plan -

If the lighthouse is closed when you arrive, it's helpful to have a backup plan. Check page 8 for things to do in the area.

3 The Climb is Difficult -

Please bring water to stay hydrated and eat beforehand—those who did not eat breakfast often become faint. Know your physical limit; if you don't feel able, please refrain from climbing.

4 Be Flexible and Allot More Time -

The lighthouses tend to be busiest from 10 am to 3 pm. There can be up to an hour wait for your climb time. Also, heavy traffic and long lines at the Ocracoke ferry can slow travel, so allow for extra time.



THE BODIE ISLAND LIGHTHOUSE

With a full restoration completed in 2013, the Bodie Island Lighthouse is now open for public tours. Built in 1872, the lighthouse offers a beautiful view of the surrounding lands and waters.

Touring the Lighthouse-What You Need to Know

- At the Bodie Island Lighthouse, groups of visitors are escorted up and down the tower by a ranger and you must remain with the ranger for the entire 45-minute tour.
- Each tour is limited to 22 people.
- Children must be at least 42” tall.
- Bring bottled water.
- There is no air conditioning in the lighthouse. It may be humid and warm inside. Visitors with heart and other medical conditions are strongly discouraged from climbing!
- Children 11 years of age and under must be accompanied by an adult (16 years of age or older).

TICKETS

\$8 - adults

\$4 - children under 12 (must be at least 42” tall); seniors 62 and older; disabled

Day of Tour Tickets: Day of tour tickets are available on a first-come, first-served basis and can only be purchased in-person at the site the day of the tour from 8:30 am-5:45 pm.

Reserved Tickets: Reservations for a tour can only be made between one to seven days in advance of the tour date; call (252) 475-9417. The reservation office is open from 11 am-4 pm daily. Reservations cannot be made the same day as the tour date.

HOURS (April 18-Oct 13, 2014)

Tours are given seven days a week and start at the following times:

Day of Tour Tickets: 9 am, 10:10 am, 11:20 am, 12:30 pm, 1:40 pm, 2:50 pm, 4 pm, 5:10 pm

Reserved Tickets: 9:35 am, 10:45 am, 11:55 am, 1:05 pm, 2:15 pm, 3:25 pm, 4:35 pm, 5:45 pm

Attend a Sea Turtle Nest Excavation!



Each spring and summer female sea turtles make a brief trip to the shores of Cape Hatteras, crawling onto the beach and laying up to 100 eggs. About two months later, under the cover of darkness, the eggs hatch and the baby sea turtles make a mad dash across the sand to reach the safety of the ocean. National Park Service biologists visit the nest sites after the initial hatching in order to ensure that as many as possible of these protected sea turtles make it to the water. The biologists excavate (dig up) the nest looking for remaining stranded hatchlings and un-hatched eggs. Once found, all the baby sea turtles are gathered up and later, at night, released into the Atlantic Ocean.

The National Park Service invites the public to attend these sea turtle nest excavations during the months of July, August, and September. Each excavation will include narration by a ranger, giving everyone a chance to ask questions and learn more about these protected animals.

To find out when and where a sea turtle nest excavation will take place call (252) 475-9629. Notice of these excavations usually occurs only a day in advance, so PLEASE be sure to check this number often.

THINGS TO KNOW

- The program is free, lasts between 30-60 minutes.
- There is no signup required; everyone is welcome.
- Summer temperatures are HOT, so be sure everyone has plenty of water, sunscreen, shoes, and a hat. Mosquito repellent is advised.
- When you arrive at the excavation site, a ranger will be available to narrate and answer questions while biologists will be working on the nest. PLEASE do not disturb the biologists excavating the nest.

Change Your Visit to Help Decelerate Changing Climate

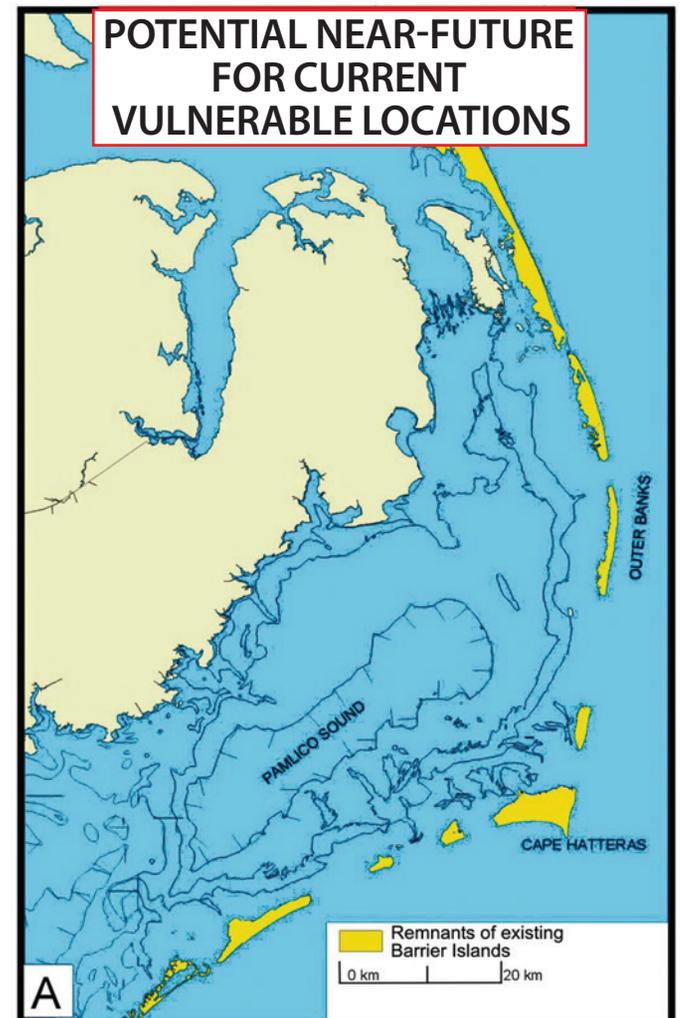
There is no doubt that climate change is a complex subject. Scientists who study the Earth's climate consider many factors: atmospheric conditions, sea level, ocean temperature and evaporation rates, amount of water frozen in glaciers and icecaps, and rates of melting. They examine how climate has changed by measuring relative amounts of atmospheric gasses trapped in ice cores for tens of thousands of years.

Our planet has seen many climate shifts over time. The biggest difference being that, based on what scientists understand about past trends, the changes we are seeing today are far more rapid than any that occurred in our planet's history. Projections indicate these increases will continue, causing further changes in global climate, with negative implications for vegetation, wildlife, oceans, water resources, and human populations.

Our national parks contain the most treasured landscapes and important historical sites in this country. Responding to climate change is the greatest challenge facing the National Park Service today. Rising sea level and shoreline change is a most significant situation facing the national park sites on the Outer Banks.

Emissions reduction—the limiting of CO₂ and other greenhouse gas production from human activity—is an important step in slowing the accelerated climate change rate. There are many simple actions you can take to reduce daily carbon emissions while on your visit here (and at home!)

- **Run an energy efficient rental home** by adjusting the thermostat to minimal use and turning lights off when not in use. Keeping outside lights off at night is also sea turtle-friendly!
- **Take with you, and use, refillable travel mugs and water bottles**



instead of paying for containers that will be discarded. We have refillable water stations at the Fort Raleigh Visitor Center, Wright Brothers Visitor Center, and the comfort stations at the Bodie Island Lighthouse, Cape Hatteras Lighthouse, and Ocracoke Visitor Center. If you don't have a refillable bottle, we have park-specific designed bottles at our bookstores for use here and at home.

- **Use an alternative form of travel** to get around in the parks—leave your vehicle and walk, or ride your bike, to reduce fuel use and keep the air cleaner. If you do drive in the park, **do not idle your vehicle**. Letting a car idle for just 20 seconds burns more gasoline than turning it off and on again
- **Recycle!** Recycling bins are available at all of our sites and throughout the Outer Banks—in

2013, Dare County led the State of North Carolina in household recycling! Recycling aluminum cans is especially efficient. You can save hundreds of pounds of carbon dioxide by recycling half of the waste your vacation generates.

- **Give us your feedback!** Your input is valuable to us. We are taking steps to mitigate our greenhouse gas emissions, and are looking for inventive ideas and different approaches. Leave a comment form at one of our visitor centers.
- **Calculate your carbon footprint.** Once you know your carbon footprint you can track your savings and get involved in programs that allow you to buy carbon credits to offset the carbon emissions from your visit. For more information, go to <http://www.epa.gov/climatechange/ghgemissions/ind-calculator.html>.

Protecting Beach Nesting Shorebirds



These least tern chicks huddle in their nest—barely a scrape in the sand.

Visitors flock to the Outer Banks every summer for the beaches, excellent cuisine, and family time. Nesting shorebirds come to the seashore every year for the same reasons. Park beaches provide the nesting habitat, food, and open space needed by these species for their very mobile chicks.

Colonial Nesters

Some feathered families nest in colonies on the open beach. Safety comes in numbers, providing protection from potential predators. Colonial nesting shorebirds at Cape Hatteras include the least tern, common tern, gull-billed tern, and black skimmer. Terns can be identified by pale gray or white feathering, forked tails, and black caps. Black skimmers stand out with black

plumage and large orange and black beaks.

Terns and skimmers nest on the upper beach, out of reach of most tidal waters. Their nests are merely scrapes in the sand where two or three pale, speckled eggs are laid, blending perfectly with the surroundings. Chicks are born fully feathered and begin walking after two days. Parents bring meals of small fish to their chicks. After 3-4 weeks the young begin to fly.

Terns are extremely agile flyers with keen sight, catching fish near the water's surface. Black skimmers fly low over the water, day or night, and catch fish by skimming their long lower bill just below the water surface.



The nine pairs of plovers nesting in the park last year resulted in 36 eggs laid. Only seven chicks made it to fledging.

Solitary Nesters

Other shorebirds, such as the American oystercatcher and the threatened piping plover, are solitary nesters. These birds will actively chase away those of their own species that enter their breeding territories. The American oystercatcher is a large, prominent shorebird with dark brown and white plumage, orange chisel-like bill, and loud call. The small, pale, buff-colored piping plover is more inconspicuous, blending perfectly with the sandy habitat. Its soft, plaintive “peep-lo” call is often heard before the bird is seen.

Both species need large, undisturbed beaches to be successful. They lay a clutch of camouflaged eggs in the sand. The chicks are born fully feathered and can run short distances within hours of hatching. Parents may move the young over long distances for food and protection. Plover chicks feed on insects and small marine invertebrates, and they can fly at four to five weeks. Oystercatcher chicks usually begin to fly at five weeks, but remain dependent on adults for their shellfish diet during their first two months.

Population Threats

In the 1800s, populations of beach-nesting birds were decimated due to unregulated market hunting. These birds were prized for their eggs, meat, and ornamental feathers.

Today these birds are protected by state and federal law. They face many threats on their nesting, migrating, and wintering grounds such as habitat loss, human disturbance, predation, and storms. At Cape Hatteras National Seashore, beach closures are established to provide undisturbed habitat needed by breeding birds to successfully nest and raise their young.

WHAT YOU CAN DO TO HELP

• **Resource Closures:** Please respect any resource closures—areas that may be temporarily closed to ORV and pedestrian use to protect nesting shorebirds and sea turtles, and their young. Resource closure boundaries for shorebirds may shrink or expand given the specific behavior and protection requirements of the breeding birds, nest, or young.

- **Stay Back:** Observe birds from a safe distance. If they take flight or act agitated, you are too close.
- **Keep Pets Back Too:** Pets can kill chicks, crush eggs, or scare adults off nests. Keep pets on a leash and away from nesting sites. Keep cats indoors.
- **Kibosh Kites:** Do not fly a kite near a nesting area. Kites scare birds off nests, leaving eggs and chicks exposed to deadly heat and predators.
- **Natural Beaches are Healthy Bird Beaches:** Trash left on the beach will attract predators, such as gulls, raccoon, fox, and feral cats, that can devastate eggs, chicks, and incubating adults. Take your litter home with you!
- **Keep Your Food to Yourself:** By feeding wildlife, people can unnaturally, and unintentionally, increase the population of animals that prey on nesting shorebirds, their eggs, and young.



The chisel-like beak of this oystercatcher and her chicks is adept in opening bivalves—oysters, clams, and mussels—for food.



Black skimmers, like other nesting shorebirds, will “flush” off the nest when disturbed, leaving their eggs vulnerable and exposed. Unleashed dogs entering closure areas are a continual threat.

This loggerhead female is laying a clutch of eggs. Last year, 229 loggerhead nests were documented in the park.



Sea Turtles: Visitors from the Ocean

Sea turtles are one of the most fascinating animals found at the seashore. Of the seven species of sea turtles world-wide, five can be found in the waters off Cape Hatteras; the loggerhead, green, leatherback, Kemp's ridley, and hawksbill. Unfortunately, all species of sea turtles are at risk and in need of special protection.

Adult female sea turtles visit park beaches to lay their eggs. These large, lumbering reptiles crawl out of the ocean high onto the beach, dig a deep hole using their back flippers, and lay their eggs there. They carefully cover the eggs, and fill the hole, with sand and then return to the sea.

The 100 or so eggs in the nest incubate for about two months. During this time, the leathery ping pong ball-sized eggs are susceptible to predators, beach erosion, and flooding from ocean waters.

When the little turtles hatch and start the long climb through the sand to the surface, they wait until it is dark and quiet, and then pop up out of the sand. Using natural light cues reflecting off the ocean water, they rapidly crawl to the surf—their destination: the Gulf Stream and its protecting floats of seaweed.

Newly mature female sea turtles will return to the beach they hatched from to lay their own nests—but that beach may no longer be a good nesting site. Development of beaches and addition of artificial light can change where and when turtles lay their nests, sometimes making the nests unsuccessful.

All sea turtle nests on the seashore are protected from the impacts of pedestrians and off-road vehicles by closing off the nest site with posts and string. On day 40 of incubation, the nest's closure is extended to the surf to protect the hatchlings in their journey to the ocean's edge. After the hatchlings have emerged, the closure is removed.



Tracks left after a female has attempted, but failed, to nest are called "false crawls". Last year, biologists documented 231 false crawls or aborted nesting attempts in the park.

WHAT IF I SEE A TURTLE?

- 1 Stay Back** at least 100 feet from a nesting turtle and 30 feet from hatchlings.
- 2 Turn Off Lights** including flashlights and vehicle headlights as these will disturb any turtle. Don't use flash photography. Hatchlings are especially susceptible to light confusion.
- 3 Call a Ranger** to report any sea turtle sighting. For nesting or hatchling sea turtles call (252) 216-6892, for dead turtles call (252) 995-6968 (leave message). A dead turtle with orange spray paint on it has already been reported.

What Can I Do to Help?

- 1. Resource Closures:** Please respect any resource closures—areas that may be temporarily closed to ORV and pedestrian use to protect nesting shorebirds and sea turtles, and their young. Sea turtle resource closure boundaries will expand to the surf near hatching time.
- 2. Beach Lighting:** Avoid confusing nesting turtles and hatchlings by turning off all outdoor lights in beachfront houses from dusk to dawn and all interior lights when you go to bed.
- 3. Natural Beaches are Healthy Turtle Beaches:** Take everything inside at the end of each day—adult and baby turtles can become entangled by chairs, tents, and umbrellas left on the beach. Deep holes in the sand or tall sand castles can be hazards to nesting sea turtles and hatchlings crawling on the beach—at the end of each day, fill in your holes and jump on your sand castles. Trash left on the beach will attract predators—take your litter home with you too!
- 4. Don't Feed the Wildlife:** Feeding wildlife, including gulls and feral cats, can unnaturally increase the population of animals that prey on sea turtle eggs and hatchlings.
- 5. Beach Fires:** To protect nesting turtles and their young, beach fires are only permitted in certain areas from May 1-Nov 15. A free Beach Fire Permit is required (see p 2). Beach fires are prohibited from 10 pm-6 am year-round.



Park biologists will dig up (excavate) turtle nests after hatching to determine the success of the hatch. They most often find empty shells, but sometimes may even find unhatched eggs or even hatchlings.

Things to Do at Wright Brothers National Memorial

• Visitor Center

Park staff and volunteers welcome you to the park!

Learn about the Wright brothers, the 1903 Wright Flyer, and one of the greatest scientific achievements of the 20th century. On display are reproductions of the 1902 Glider, 1903 Flyer, and the Wrights' first wind tunnel. Don't miss seeing part of the original engine block from the 1903 Flyer, Orville's engineering tools and the original propeller. Pick up a Junior Ranger booklet (ages 5-13) and receive information on how to earn a badge!

• Reconstructed Buildings

A sense of time and place.

Stroll down a walking path next to the visitor center leading to the first flight area. Stop at the reconstructions of the 1903 wooden living quarters and hangar where the Wright brothers conducted their experiments. The living quarters are furnished with items like those the Wrights would have used and the hangar replicates the building where the Wrights stored their 1903 Flyer.

• First Flight Boulder & Markers

The site of the historic first flight!

Stand on the same spot where the Wright brothers lifted off in the world's first airplane, marked today by the six-ton First Flight Boulder. Journey along the flight path to the numbered markers that indicate where the world's first airplane landed after each of its four flights on December 17, 1903.

• Wright Brothers Monument and Big Kill Devil Hill

Our nation acknowledges the Wrights.

Big Kill Devil Hill offers a magnificent view of the Atlantic Ocean, Albemarle Sound, and surrounding scenery. From this old

sand dune, the Wrights conducted more than 1,000 glider flights. Climb the paths to the top of the hill and visit the 60-foot Wright Monument, which commemorates the Wrights and their achievements in aviation. Please walk on the paved walkways—there are lots of spiny cacti on the hill!

• Airstrip and Pilot's Booth

Flight today.

Love to watch airplanes take off and land? Then, visit the Pilot's Booth adjacent to the 3,000-foot First Flight Airstrip. The facility provides pilots with a computerized weather briefing system, route planning software, and navigational charts. Picnic tables and restrooms are available here, too, for everyone.

• December 17, 1903 Sculpture

The first flight replicated in life-sized art.

Recreating the first flight scene, a 10,000-pound bronze and stainless steel sculpture is located south of Big Kill Devil Hill. It offers an artistic perspective on the famous photograph of the first flight. The sculpture is designed to be hands on, so feel free to explore and climb on the world's first airplane. Just use caution as you climb aboard!

• July 20th & 21st

Annual Wright Kite Festival

It all started here with the Wrights and a kite. Join the National Park Service and Kitty Hawk Kites as we create a feast for the eyes. You'll find enjoyment for all ages with a spectacular kite show put on by larger-than-life kites. There will also be stunt kite demonstrations, games, kids' kite-making, and contests. Hours are 10 am-4 pm.





Visitor Center
Open 9 am to 5 pm Daily

Program Descriptions

Flight Room Talk
(25 minutes)

Learn about the Wrights and how they developed the first successful airplane. See a demonstration of their control system on a reproduction of the 1903 Flyer. Be inspired by two men who changed the world through tenacity and science.

Snapshot in Time
(15 minutes)

The First Flight Boulder marks the takeoff point of the first controlled, heavier-than-air, powered flight in the history of the world. It literally marks the exact spot where the Wright brothers changed the course of human history. Join us as we explore the profound power of this place.

For Kids: Wright Kite
(25 minutes)

Join a ranger for a demonstration how to build and fly a homemade kite. Audiences will learn the role of kites in the Wright brothers' story and find the inspiration to fly a kite themselves. All attendees will be given instructions on how to build their own kite.

For Kids: Faster Than a Flyer?
(available from 9-10 am)

The first flight on December 17th, 1903 lasted for only 12 seconds and traveled a very modest 120 feet. Come and work with a ranger to figure out just how fast the Wright Flyer was flying on that day, and then test yourself and see if you are faster than the Flyer!

Did You Know?

Did the Wrights fly at Kitty Hawk or Kill Devil Hills? The answer is: both! Wilbur and Orville flew on the Outer Banks at an area known then as the Kill Devil Hills, comprised of four sand dunes: Big Kill Devil Hill, West Hill, and two Little Hills. The nearest town was the Town of Kitty Hawk—so, in 1903, the Kill Devil Hills were part of the Town of Kitty Hawk. The Town of Kill Devil Hills, which now contains the historic location of those four sand dunes, was not incorporated until 1953.



The Wright Brothers Monument is the iconic image on the official seal of the Town of Kill Devil Hills.

WRIGHT BROTHERS NATIONAL MEMORIAL PROGRAM SCHEDULE
May 23 through September 1, 2014

Program is Accessible (#)	Sun	Mon	Tue	Wed	Thurs	Fri	Sat
For Kids: Faster Than a Flyer? (#) <i>First Flight Boulder</i>	9:00	9:00	9:00	9:00	9:00	9:00	9:00
Flight Room Talk (#) <i>Visitor Center Auditorium</i>	10:00 12:00 2:00 4:00						
For Kids: Wright Kite (#) <i>Visitor Center Patio</i>			10:30		10:30		
Snapshot In Time (#) <i>First Flight Boulder</i>	11:30 1:30						

Schedule may change without notice. Sunscreen and bug repellent are recommended for outdoor programs.

We were lucky enough to grow up in an environment where there was always much encouragement to children to pursue intellectual interests; to investigate what ever aroused curiosity. — Orville Wright

For some years I have been afflicted with the belief that flight is possible to man. My disease has increased in severity and I feel that it will soon cost me an increased amount of money if not my life. — Wilbur Wright



The Lost Colony

The Best Family Entertainment on the Outer Banks



Bursting with action and excitement, *The Lost Colony* is the epic story of America's first English colony. Performed at Fort Raleigh National Historic Site, Paul Green's symphonic outdoor drama combines a strong sense of history with music, dance, romance, comedy, and drama to create a magical evening for the entire family. See epic battles and Carolina Algonquian-interpreted dances. Experience the sorrow and heartbreak of tragedy and loss. Witness the pageantry of the Queen and her court. Celebrate the birth of Virginia Dare, the first English child born in this country. *The Lost Colony* enriches, educates, and entertains. Learn more about *The Lost Colony* at www.thelostcolony.org. *The Lost Colony* is produced by the Roanoke Island Historical Association.



The Lost Colony runs from May 30-Aug 22. Show time is 8 pm Tues-Sun; 7:30 pm on Mon for Kids' Night Performance. For tickets go to www.thelostcolony.org or call (252)473-6000.

Program is Accessible (#)	Description	Day/Time	Age/Price
Children's Show: How I Became a Pirate (#)	Join young Jeremy Jacob at the beach as he discovers a band of pirates who take him on an exciting musical adventure on the open seas. Adapted by the popular book by Melinda Long, <i>How I Became a Pirate</i> is performed by members of <i>The Lost Colony</i> company in the air conditioned comfort of the Sound Stage Theatre.	June 17 – Aug 13 Tues & Wed 2 pm	All ages \$10
Theatre Arts Camp	A great opportunity for children to work with <i>The Lost Colony</i> company as they explore imagination, learn the importance of team work, and create a musical performance for family & friends. Go to www.thelostcolony.org for more information & to register.	Session I June 23-27 Session II July 7-11 Session III July 21-25	Session I & II Rising 1st graders to 9 years old Session III Ages 10 to 16
Virginia Dare Faire	Celebrate the birth of the first English child born in America with games, food, and a giant birthday cake on the grounds of <i>The Lost Colony</i> & Fort Raleigh National Historic Site.	Aug 18 10 am-1 pm	All ages (FREE admission)
Character Dinners (#)	Treat family & friends to a buffet dinner, play dress up with show costumes, mingle with the cast, & hear songs by the chorus; all while enjoying panoramic views of an Outer Banks sunset. After dinner, go on a special backstage tour & then enjoy an evening of theatre under the stars.	Tues & Wed evenings, June 3 - Aug 20. Doors open at 6 pm	\$50 adults \$28 children

Things to Do at Fort Raleigh National Historic Site

- **Visitor Center**

Your home base at the Fort!
At the Lindsay Warren Visitor Center, you can acquaint yourself with the stories of Roanoke Island through exhibits, artifacts, and a 17-minute video. Pick up a Junior Ranger booklet here for ages 5-13 and return the completed booklet to receive a badge!

- **Earthen Fort -**

Reflect on 429 years of a changed America.
A silent witness of time, the small restored fortification is associated with England's first New World settlement that was sponsored by Sir Walter Raleigh. The trench of the earthen fort is a tangible trace of part of the infrastructure that was built during the 1585-1586 time period. Near this fort, archeologists have found evidence of metallurgical activity from the 1585 exploration.

- **Thomas Hariot Trail**

Take a walk!
This 20-minute hike through the island's natural setting offers a glimpse of what Thomas Hariot and the explorers witnessed during their time here. Wayside exhibits relate what the English observed of the New World's natural resources and the commodities that could be made from them.

- **Freedom Trail**

Take a hike!
The Freedom Trail (1¼ miles one-way) leads from the nearby Elizabethan Gardens through park land to the island's western edge, offering a viewshed that the Carolina Algonquian enjoyed from their island home. At the trail's west end, signs discuss the Civil War Battle of Roanoke Island.

- **Picnic tables**

Bring something to eat!
The scenic park grounds are excellent for a family picnic! Tables and trash receptacles are located near the visitor center. Whether having a mid-day snack or early evening meal, the facilities are available on a first-come, first-served basis.

- **Ranger Programs and Family Activities**

Let's talk story!
A wide scope of subjects are offered throughout the week that address the myriad of Roanoke Island stories. Please check the program descriptions and schedule on the opposite page for more information.

- **August 18**

Virginia Dare's Birthday
Celebrate Virginia Dare's 427th birthday as *The Lost Colony* and Fort Raleigh National Historic Site join together to present the Virginia Dare Faire—a full-day of activities your family is sure to enjoy. No birthday is complete without cake and ice cream!

- **Waterside Theatre/ The Lost Colony Outdoor Symphonic Drama**

Home to the annual production of *The Lost Colony* outdoor symphonic drama, the Waterside Theatre is a spectacular place to see the play. It is also a great place to tour during the day and has one of the best views on the Outer Banks.



Visitor Center

Open 9 am to 5 pm Daily



Program Descriptions

One Island, Many Stories!

(25 minutes)

Since before the English first set foot on Roanoke Island in 1584, the island has seen many people come and go. Some of those who came died here, while others found things only possible in their dreams. Join us as we explore the complex human history of this place from the Carolina Algonquian... to the Freedmen...to visitors today.

The Lost Colony?

(25 minutes)

The colonial ambitions of the English in the late 16th century and their explorations of the New World forever changed the history of Roanoke Island. Join us as we explore the history and mystery surrounding England's first attempt to colonize this place.

Insights and Images

(25 minutes)

Are pictures worth a thousand words? If so, what do those words tell us? Come join us inside the visitor center auditorium and explore what the images of history can tell us about the people and the stories of Roanoke Island.

For Kids: Life in a Roanoke Tribe

(20 minutes)

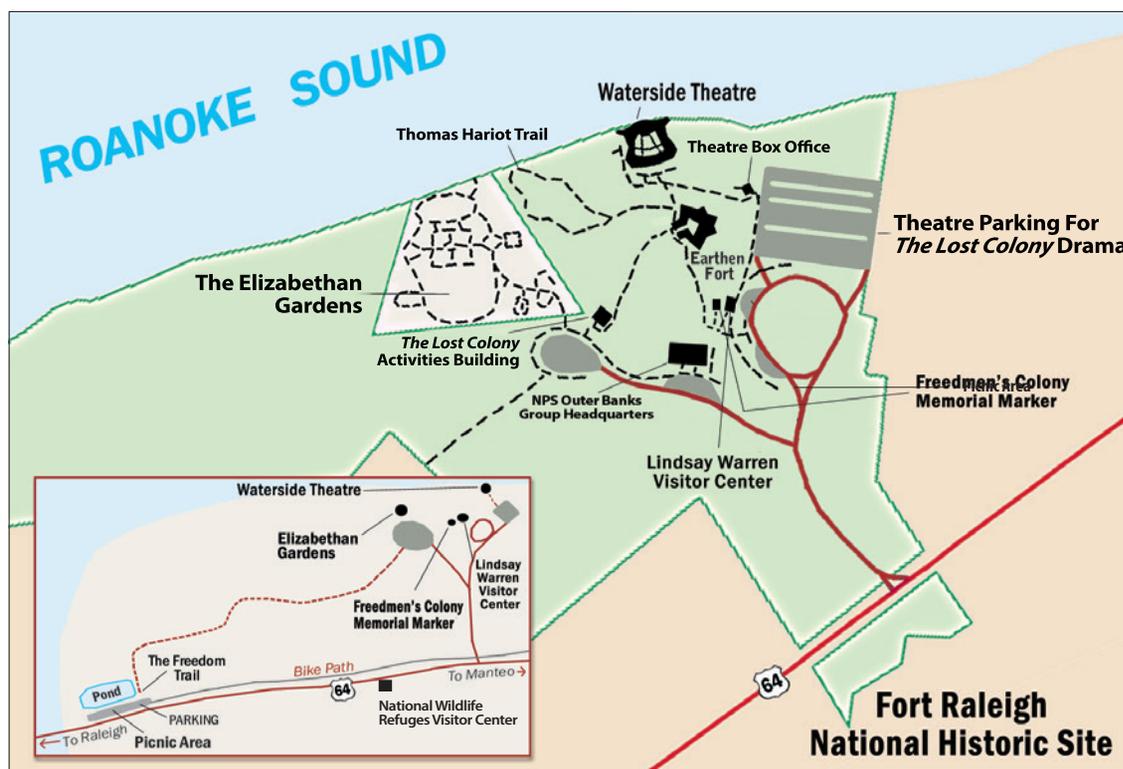
This activity offers a remembrance of the Carolina Algonquian of Roanoke Island. Through the viewing of some John White watercolors that depict the Carolina Algonquian, kids of all ages will learn about the meaning behind some of Algonquian body markings and be invited to create their own with body paint. Attending this program helps fulfill one of the requirements needed to earn a Junior Ranger badge.

Fort Raleigh National Historic Site Program Schedule

May 23 through September 1, 2014

Program is Accessible (#)	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
One Island, Many Stories! (#) <i>Earthen Fort</i>	2:00	2:00	12:00 2:00	12:00 2:00	12:00 2:00	2:00	2:00
The Lost Colony? (#) <i>Earthen Fort</i>	11:00	11:00	11:00 1:00	11:00 1:00	11:00 1:00	11:00	11:00
Insight and Images (#) <i>Visitor Center Theater</i>	3:00	3:00	3:00	3:00	3:00	3:00	3:00
For Kids: Life in a Roanoke Tribe (#) <i>Earthen Fort</i>	10:00	10:00	10:00	10:00	10:00	10:00	10:00
Park Movie (#) <i>Visitor Center Theater</i>	Plays every half hour from 9 am to 4:30 pm, except 3 pm.						

Schedule may change without notice. Sunscreen and bug repellent are recommended for outdoor programs.



Did You Know?

Roanoke Island became a safe haven of freedom for escaped slaves when the Union seized the island during the Civil War. As a result, the first and largest Freedmen's Colony in North Carolina was established in May 1863 to prepare these African Americans for a new life after the war.

The Freedmen's Colony of Roanoke Island is highlighted on one of Fort Raleigh's Civil War to Civil Rights Trading Cards, available at the visitor center.



Superintendent Barclay Trimble

Superintendent's Message

Hello! And welcome to the National Park Service Outer Banks Group! There is much going on in our parks, especially in preparing for the National Park Service 2016 Centennial, the 100th anniversary of the establishment of the National Park Service in 1916.

As my staff and I prepare for the 2016 Centennial, we are reminded of the need to connect and make relevant to all Americans the value of these treasured landscapes. John Muir, famed conservationist, once wrote, "Everybody needs beauty as well as bread, places to play in and pray in, where nature may heal and give strength to body and soul."

This centennial will challenge the National Park Service and the American people to work together to strengthen national parks and to prepare them for another century of conservation, preservation, and public enjoyment.

Here are some things we are doing this year to improve your visit, better protect park resources, and prepare for the next hundred years:

Digitize Heritage

Through an agreement with Clemson University, the park is scanning the Group's collection of over 10,000 historic photos. The earliest known photographs in the collection are of the park's various light stations taken in the 1890s.



An 1860 image of the Cape Hatteras Lighthouse

Improve Infrastructure

There are multiple projects planned this year to improve visitor facilities, including: repairing the Ocracoke and Oregon Inlet Boat Ramps, renovating the Ocracoke Silver Lake Boat Docks, repairing the Ocracoke Pony Pen, installing an accessible route (ramp) at the Hatteras US Weather Bureau Station, painting the Cape Hatteras Lighthouse, repairing the Haulover Day Use Area parking lot, and repairing the walkways and picnic area at the Salvo Day Use Area.

Under the implementation of the Cape Hatteras National Seashore Off-Road Vehicle Management Plan, we will be installing a new access ramp, boardwalk, and parking lot at mile marker 25.5. Additionally, contracting is moving forward to raise the road from the Cape Point Campground entrance to Ramp 43 and to install a new access ramp at mile marker 35.5.



Go Green

We have been working since last year to install water bottle fill stations at various locations: Fort Raleigh Visitor Center, Wright Brothers Visitor Center, and the comfort stations at the Bodie Island Lighthouse, Cape Hatteras Lighthouse, and Ocracoke Visitor Center. Grab a reusable container and try it out! These stations replace bottled water vending machines and help reduce plastic waste. A project to replace pathway lights at Fort Raleigh NHS with energy-efficient lighting will help us reduce energy costs.

Sea Level Mitigation

In partnership with East Carolina University, sea level rise will be modeled to evaluate the risk for the 44 historic structures within the park. This data will provide an estimated timeline for predicted sea level rise impact, which can be used by park managers in making determinations for historic structure preservation and priority setting.

Value Volunteers

A dedicated Volunteer Coordinator position will be filled this year to enhance the Group's volunteer efforts. There will be special emphasis on developing volunteer youth work teams, such as alternative spring break groups, to help us in completing projects for our parks while providing resource experiences and skill-building for youth.

Turtle Technology

The seashore is collaborating with a team of experts to construct a sensor to be placed in sea turtle nests that will detect the motion of pending hatchling activity. Successful completion of this project will allow the park to better predict the timing of a hatch, allowing us to reduce the amount of time sections of beach are closed to protect hatchlings making their way from the nest to the ocean.



One of four prototypes tested last year to monitor turtle nest hatching project.

Go Digital

All three of our parks are now well represented on social media, including: Twitter, Facebook, Flickr, and Instagram (see cover page for details). We are beginning development of a Cape Hatteras National Seashore mobile app that can provide location-specific orientation and information to visitors while they are in the park. Check for availability of this app in a future visit.

Live and Learn

Developing programming with our local schools is a priority. We are working with curriculum coordinators in Dare and Hyde Counties to engage students in our parks. Our work in initiating a Young Naturalist Club for the Cape Hatteras Middle School and a new distance learning program at Wright Brothers National Memorial have both been very successful.

Out With the Old

Over the past three years we have worked hard to complete wayside exhibit projects for all three parks to enhance your experience on the park grounds. Look for new wayside exhibits this year on the seashore and at Fort Raleigh National Historic Site.

The knowledge you and your children will absorb at our parks will strengthen your ties to the national parks, and the American idea and values that they represent. Many dedicated National Park Service staff are here to assist you in having a memorable and safe experience. During your visit please help us protect these national treasures for current and future generations.

