

Canaveral and Merritt Island

National Seashore
National Park Service
Florida

National Wildlife Refuge
U.S. Fish and Wildlife Service
Florida



Sheltering Spaces

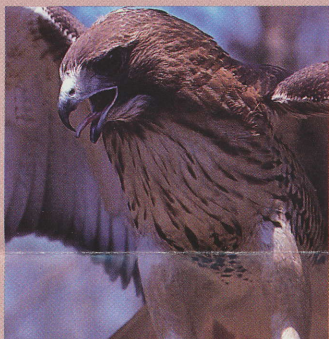
No buildings or seawalls disturb this wilderness beach on Florida's east coast. Here, at the Seashore and Refuge, nature affirms her spirit and lives in harmony with human technology.



Frank Moster

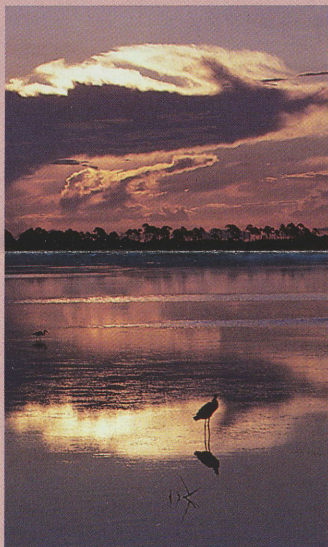


Frank Moster



Anne Heilmann

Don't be surprised; you may see a red-tailed hawk (above) or a bald eagle (above right) taking in the view.



Anne Heilmann

Water everywhere—from isolated beaches and inland channels to life-filled marshes and lagoons, water takes command here.



Anne Heilmann

Guided by instinct, loggerhead sea turtles struggle onto the protected beach to deposit eggs into nest cavities dug with their flippers.

Preserving Species

For many plants and animals found here, living at the Seashore and Refuge means more than life as usual—it means life over extinction.

Mention Canaveral and Merritt Island and many people imagine space exploration—the excitement of countdown and the thrill of liftoff. But there is another kind of space here, one that is almost a secret from outsiders. This space can be secluded, where gentle breezes caress miles of primitive beach and endangered sea turtles struggle from their leathery eggs. Or the space can be boisterous, as humid air releases the aroma of tropical blossoms and insects noisily voice their approval.

This space in Florida, so different and so unexpected, has been preserved through the teamwork of 3 federal agencies. It was set aside in the late 1950s as a buffer zone for nearby National Aeronautics and Space Administration (NASA) activities. When the space race launched the John F. Kennedy Space Center into world prominence, preservation of this barrier island was ensured. In cooperation with NASA, the U.S. Fish and Wildlife Service has managed Merritt Island National Wildlife Refuge since 1963, and the National Park Service has operated Canaveral National Seashore since 1975. These agencies are caretakers of this special area, where species as diverse as bald eagles and alligators, bromeliads and mangroves are nourished by the warm waters and temperate climate.

Winds blow and Atlantic waters splash against the beach, together massaging grains of sand into dunes that parallel the shore as far as you can see. Hidden in this graceful image is the buttress of a barrier island—a low-lying ribbon of land braced with a spine of sand dunes. Behind this protec-

tive island, salty Atlantic water flowing through inlets combines with seasonal rains to form the Indian River and Mosquito Lagoon estuaries. Fish, oysters, clams, and shrimp begin life in these fertile nurseries, which, in turn, attract an abundance of waterfowl. Until the late 1950s the marshes also nurtured saltmarsh mosquitoes, which at times could produce a million mosquitoes per square yard in one day. Because saltmarsh mosquitoes do not lay eggs in freshwater, engineers divided 69,000 acres of marsh into walled impoundments to control water levels, salinity, and saltmarsh mosquitos. The new environment attracted new residents, and today it is common to see waterfowl, alligators, otters, and wading birds, such as snowy egrets, white ibises, and great blue herons.

The barrier island and its waterways offer sanctuary for an abundant blend of plants and animals. Recorded here are 1,045 species of plants and 310 species of birds. Hammocks of ancient oaks draped with Spanish moss grow near sand dunes covered with palmetto and sea oats. Thousands of migratory birds stop over during their journeys north and south. This haven supports 14 wildlife species federally listed as endangered or threatened, including sea turtles, West Indian manatees, southern bald eagles, wood storks, peregrine falcons, eastern indigo snakes, and Florida scrub jays. Together, Canaveral and Merritt Island form a sheltered space, where the countdown is not of spaceships but of endangered animals ensuring life for future generations.

Inviting Spaces

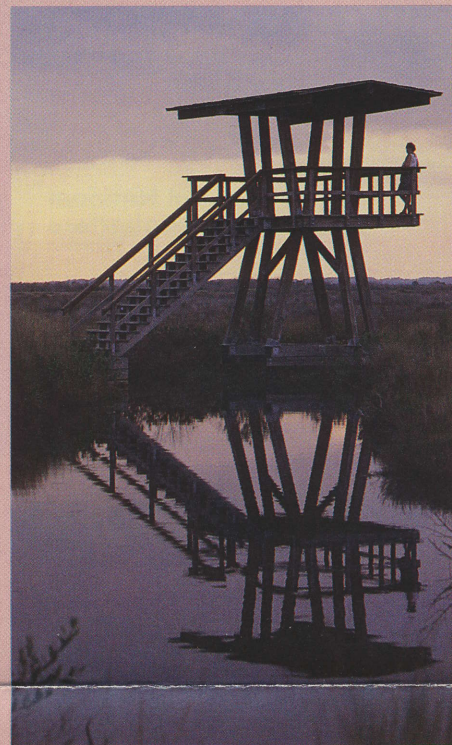
You may not see anyone else, but you won't be alone. Come, share the warm sand with shore birds and watch for wildlife and beautiful flowers along quiet trails.



Ken Laffal

An early morning angler casts a line in the surf. Near-tropical water temperatures attract scrappy bluefish, whiting, and pompano, making sport fishing a popular pastime.

A highlight of the Refuge's wildlife drive is the Cruickshank observation tower. Bring your binoculars to see some of the 310 species of birds recorded here, including wood storks and reddish egrets.



Ken Laffal

Canaveral, from a word given by Spanish explorers meaning "place of canes," is one of the oldest recorded geographical names in North America. Merritt Island is thought to have been named by Pedro Marratt, a surveyor who charted the island in the early 1800s. But humans left their imprint here long before European explorers ventured ashore. American Indians, attracted by the fertile estuaries and temperate climate, harvested oysters and clams and discarded the shells in heaps that archeologists study today as middens. In April 1513, Ponce de Leon's sailors claimed the land for Spain, and in 1763 the British gained control of Florida's east coast. But the extensive wetlands, clashes with Seminole Indians, and clouds of salt marsh mosquitoes delayed development until 1830, when Douglas Dummett planted an orange grove that began the Indian River citrus industry.

During the next century villages near citrus groves or water passageways took hold for a while, then lost out to storms, isolation, or occasional killing frosts. One town was Eldora, a late 19th-century community built near Mosquito Lagoon. A lone house, Eldora State House, is open to the public.

Today this inviting space is yours to enjoy. Relax on a deserted beach or hike through tropical forests of live oaks draped with Spanish moss. If you love being on the water, scout Indian River by pleasure boat, sail, or canoe, and explore Mosquito Lagoon for oysters, clams, pink shrimp, and blue crabs. Not to be missed is the 6-mile Black Point Wildlife Drive, which can take an hour or all day, depending on how many stops you make to view wildlife. Whether you seek solace or adventure, the Seashore and the Refuge welcome you.

Canaveral and Merritt Island

National Park Service
U.S. Fish and Wildlife Service
U.S. Department of the Interior

Getting Here Canaveral National Seashore and Merritt Island National Wildlife Refuge, located midway on Florida's east coast between Daytona Beach and Melbourne, are accessible via U.S. 1, I-95, and Route 528 (Bee Line Expressway). The northern access, New Smyrna Beach, is on Route A1A. The southern access, Titusville, is on Route 406/402. Playalinda Beach is reached via Route 402.

Information Centers The Seashore Visitor Information Center, seven miles south of New Smyrna Beach on Route A1A, has exhibits, schedules, publications, and an orientation program. Call 904-428-3384.

The Refuge Information Center, four miles east of Titusville on Route 402, has exhibits, publications, and information. Call 321-861-0667.

Beaches The seashore has undeveloped beaches and limited services. There are no designated picnic areas, telephones, food services, beach showers, or drinking water. Lifeguards are on duty from May 30 to September 1 at Playalinda Beach Parking Area No. 8 and at Apollo Beach Parking Area No. 1. Playalinda Beach and Apollo Beach have restrooms and boardwalk access to the beach. Beach access points for visitors with disabilities are at Playalinda Beach: Eddy Creek and Parking Area No. 8; and at Apollo Beach: Areas No. 1 and No. 5. First aid and drinking water are available at information centers. Surfing is permitted in the park. You may reach Klondike Beach only by foot, bicycle, and horseback. To protect nesting sea turtles, horses are allowed only from November 1 through April 30, permit required. Seashore areas may be closed when parking lots are filled or during shuttle launch activities at Kennedy Space Center. For recorded information on launch closures at Playalinda Beach, call 321-867-0677.



Scenic Drive The 6-mile self-guiding Black Point Wildlife Drive in the refuge meanders through pine flatwoods and impounded marsh and provides excellent views of many species of wildlife.

Hiking The Seashore and Refuge offer short self-guiding trails. The Castle Windy and Turtle Mound trails have shell middens left by Timucuan Indians. Turtle Mound Trail boasts a panoramic view of the ocean and Mosquito Lagoon. Eldora Hammock, Oak Hammock, and Palm Hammock trails wind through densely vegetated hammocks. Cruickshank Trail has an observation tower and views of the marshes.

Camping Limited backcountry camping in the seashore is permitted on the beach November 1 through April 30 and on designated islands all year, by permit only. Camping is not allowed in the refuge. Private campgrounds are in nearby communities.

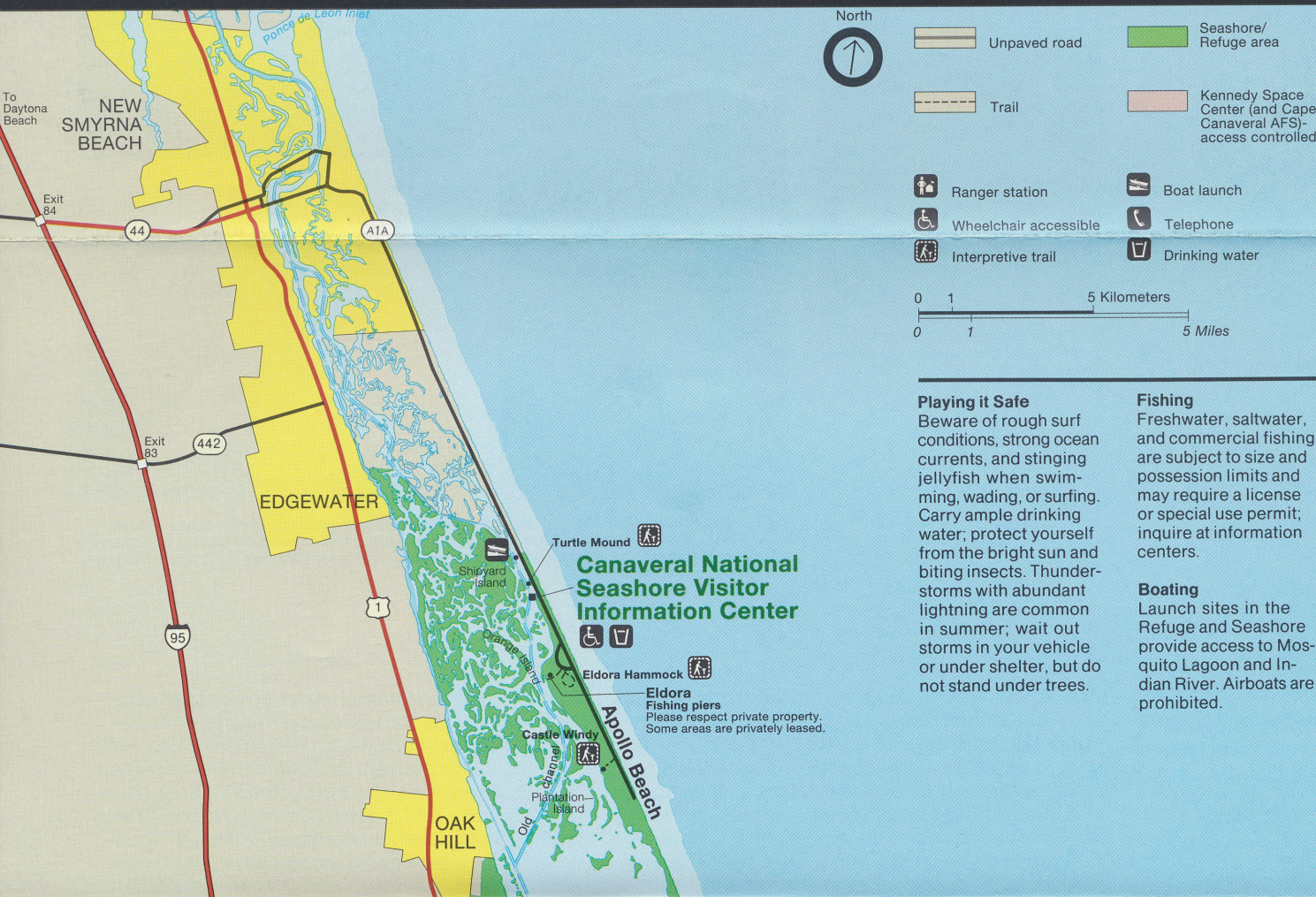
Hunting Seasonal hunting of migratory waterfowl is allowed in the seashore and refuge and is part of the refuge's waterfowl management. Display or use of firearms, other than for authorized hunting activities, is prohibited.

Regulations Vehicles must stay on the roads and park only in designated spaces. Thefts occur often in parking areas; do not leave valuables in your vehicle. Pets are not allowed on the beach or in public buildings and must be on a leash at all times. Picnicking is permitted on the beach, but no open fires may be built. Use portable grills, and remove coals from beach. Vehicles, glass containers, and metal detectors are not allowed on the beach. Roller skating, in-line skating, and skateboarding are prohibited. Do not feed or harm wildlife, remove vegetation, or disturb archeological sites; all are protected by federal law.

Fees There is a daily use fee to enter the park. Golden Eagle, Golden Age, or Golden Access (available at the entrance station) are accepted.

More Information Seashore information or permits: Canaveral National Seashore, 308 Julia Street, Titusville, FL 32796. Call: 321-267-1110. Internet: www.nbbd.com/godo/cns. Refuge information or hunting permits: Merritt Island National Wildlife Refuge, P.O. Box 6504, Titusville, FL 32782. Call: 321-861-0667. Internet: www.nbbd.com/godo/minwr.

Visiting the Seashore and the Refuge



Playing it Safe

Beware of rough surf conditions, strong ocean currents, and stinging jellyfish when swimming, wading, or surfing. Carry ample drinking water; protect yourself from the bright sun and biting insects. Thunderstorms with abundant lightning are common in summer; wait out storms in your vehicle or under shelter, but do not stand under trees.

Fishing

Freshwater, saltwater, and commercial fishing are subject to size and possession limits and may require a license or special use permit; inquire at information centers.

Boating

Launch sites in the Refuge and Seashore provide access to Mosquito Lagoon and Indian River. Airboats are prohibited.

