

National Park Service  
U.S. Department of the Interior

Fire Island National Seashore  
Long Island, New York



# 2009 Tide Tables

## *Fire Island National Seashore*



*Fire Island National Seashore was established in September 1964 "for the purpose of conserving and preserving for the use of future generations certain relatively unspoiled and undeveloped beaches, dunes, and other natural features within Suffolk County, New York, which possess high values to the Nation."*



## *Welcome to Fire Island National Seashore*

*The dynamic beaches here are constantly changing, providing a new scenic landscape with every tide. To maintain Fire Island's remote character and natural resources, beach driving is limited.*

Driving on the beach is for some recreational uses and to a limited number of residents, contractors, essential service providers, public utilities and official vehicles to gain access to communities within the park's boundary. Permits must be obtained for all off-road driving on Fire Island. Unpermitted vehicles are restricted to roads and parking lots near the bridges connecting Fire Island to Long Island.

The dunes are the backbone of this barrier island that buffers Long Island from the forces of the Atlantic Ocean. Naturally formed dunes consist of multilayered roots and rhizomes of beach grass (*Ammophila breviligulata*) that hold together many layers of sand. Beach grass is easily damaged by foot or vehicle traffic. To protect the dunes, never drive within twenty feet of the base of the dune or the vegetation line.

**Thank you for your efforts to help preserve and protect Fire Island.**



**Beneath its visible leaves, beach grass rhizomes and rootlets secure grains of sand that form the protective primary dune.**



**Mycorrhizal fungi bind sand grains to rootlets, enhancing resistance to erosion.**

## Dynamic Barrier Islands

From Long Island, New York to Brownsville, Texas, a string of barrier islands adorns the United States' coastline. Fire Island is one of Long Island's five South Shore barriers.

Barrier islands are large dynamic sandbars, which are constantly moving and changing. They are shaped by the local tide ranges and wave climates, availability and sources of sediment, and the influence of sea-level rise and human manipulations. Fire Island—32 miles long and oriented on an east-west axis with a south-facing shoreline—normally migrates from the east to the west with its prevailing alongshore current.

In 1826, the first Fire Island Lighthouse was built on the western end of the island. Today, Fire Island Inlet is more than 5 miles west of the lighthouse's foundation. The beach is constantly changing due to the cyclic erosion and accretion of sand. Inlets historically change due to washovers and erosion on a larger scale.

The Fire Island to Montauk Point (FIMP) Reformulation Study is a comprehensive collaborative effort among federal, state and local agencies to identify storm damage reduction measures along the south shore of Long Island. Respecting the primary dune line is perhaps the best protection against catastrophic change on Fire Island that we can make as responsible beach users.

Even though Fire Island is the only developed barrier island in the nation without a road running through it, breaching of the island would change existing human activities such as access for maintenance, construction, power and telephone utilities, and public safety patrols. However, breaches and overwash expand the width of the barrier, nourish bayside marshes, provide the foundation for newly developing dunes, and create wildlife habitat.



**Overwashes are a cyclical part of the changing form of barrier islands.**



Off-road driving regulations help protect natural beaches and primary dunes at Fire Island National Seashore, while providing a reasonable amount of access to island developments.

## Beach Driving Permits

*A valid permit is required for every vehicle driven on Fire Island beaches. Each Fire Island National Seashore permit has its own stipulations and requirements. Vehicles may not cross dunes, damage or drive within 20 feet of vegetation, or enter the designated wilderness area. Smith Point County Park and Robert Moses State Park have separate recreational use permits.*

### Sportsman's Vehicle Permits (Recreational)

Recreational vehicles are permitted to drive on designated portions of Fire Island National Seashore beach (see map, page 14) as a means of access for fishing or hunting. Permits may be purchased at the Otis Pike Wilderness Visitor Center at Smith Point on or after September 1, for use between September 15 and December 31, unless beach conditions prevent or restrict driving activities. Call 631-281-3010 for hours of operation.

### Non-Recreational Vehicle Permits

A limited number of resident, contractor, public utility and essential service vehicles may be allowed access, subject to conditions established for each individual permit. (Alternative means of transportation are used whenever possible.) Applications for non-recreational vehicle permits are made through the Chief Ranger's Office at Fire Island National Seashore, 120 Laurel Street, Patchogue, NY 11772. Call 631-687-4758 for more information.



## Access to Fire Island Communities

When Fire Island National Seashore was established in 1964, its enabling legislation stated that seventeen communities and preexisting commercial uses would be allowed to remain, as long as construction was consistent with zoning ordinances established by the Secretary of the Interior.



**At certain times of the year, beach traffic may need to be diverted through some of the Fire Island communities.**

**While roads through these communities do not easily accommodate the 4-wheel drive vehicles needed for driving on the beach, this is a sacrifice most people are willing to make in order to retain the character of Fire Island's communities.**

Many people in the Fire Island communities supported the establishment of the National Seashore in order to protect themselves from a parkway proposed to run down the middle of Fire Island, connecting Robert Moses Causeway with Smith Point bridge. The protection afforded by the National Seashore helped stop the development of the parkway and has allowed Fire Island's historic communities to remain intact.

Today, these communities thrive within the boundaries of Fire Island National Seashore and contribute to the island's unique qualities. Each community has its own character, providing a great diversity of experiences for visitors and residents.

A limited number of resident, contractor, public utility and essential service vehicles may be allowed to drive on the beach and over National Park Service land to access private properties or provide services for the homes and businesses on Fire Island. *Home ownership does not automatically entitle one to a vehicle permit.*

If you have one of the limited driving permits, please remember to be respectful of the park's and communities' resources and infrastructure. Whenever driving on the beach or through the communities, always be alert for and considerate of the people who share the road, and always be respectful of private property rights.



**Limited driving helps retain the character of Fire Island and has led to alternate means of transportation; the "little red wagon" is a common sight on Fire Island.**



**Living on Fire Island means learning to co-exist with wildlife.**



Never underestimate the power of the ocean.

Normally, vehicle travelling east—on the ocean side—has the right-of-way.



National Park Service rangers and Suffolk County Police Marine Bureau patrol Fire Island National Seashore, enforcing driving regulations on the beach and on other park lands.

# Off-Road Vehicle Rules and Regulations

## Designated Use Only

Recreational vehicles are permitted on Fire Island beaches as a means of access for fishing and hunting activities only. Non-recreational vehicles are permitted access only under the conditions stipulated in each permit.

## Check In

All drivers must stop at a check station when entering or leaving the beach. After a full stop, proceed at 5 m.p.h. until reaching the beach.

## Speed Limits

Speed limit is 5 m.p.h. within 100 feet of pedestrians, near a beach entrance, or near posted endangered species habitat or stopped vehicles. Maximum speed on beach is 20 m.p.h..

## Prohibited Activities

Riding on tailgates or bumpers, building fires, camping on the beach, and letting dogs off leash are not allowed. Feeding wildlife and possessing metal detectors are prohibited.

## Stay 20 Feet Away from Dune Vegetation

To protect the fragile primary dunes, these rules are strictly enforced: drive at least 20 feet from the base of dune or vegetation line to protect the fragile root system (rhizomes). If surf approaches the 20 foot boundary, the beach will be closed to driving. Always stay to the seaward side of any posts. **Never drive on, through or behind the dunes.**

## Beach Closures

- Fire Island beaches may be closed to driving at any time due to storms, extremely high tides, or other hazardous conditions.
- Summer vehicle access is restricted to special or essential services and law enforcement.
- The beach from the Wilderness Visitor Center at Smith Point to Long Cove will be closed to driving from March 16 through Labor Day (later if required), in compliance with the park's endangered species habitat protection plan.
- Recreational drivers may not enter the beach through the open emergency vehicle entrance when the recreational driving gate is closed.
- If the west end beach is closed, non-recreational permittees must use the inside route (Burma Trail).

## Weekend Restrictions

From September 15 through October 31, no entry is allowed on the beach between 9 a.m. and 6 p.m. on Saturdays, Sundays, and holidays. Recreational vehicles (from Long Cove to Smith Point) that enter before 9 a.m. may remain on the beach, but upon departure, may not re-enter until 6 p.m. Contractors, residents, municipal and essential service drivers have additional weekend restrictions.



The ocean tide on Fire Island is semi-diurnal (twice a day). Its average tidal range (amplitude) is about 4 feet (1.25 meters).



**Time beach driving carefully.** As a rule of thumb, Fire Island beaches are generally passable from 3 hours before to 3 hours after low tide.



**Never drive on beach grass.** The 20-foot "Rhizome Rule" was established to help protect and encourage the growth of dunes.

A weakened dune line leaves homes and habitats behind it more vulnerable to storm damage, and increases the island's susceptibility to a breach.

## Understanding Tides

Approximately 70 percent of the Earth's surface is covered by a relatively thin layer of water, which responds to the gravitational attraction of the sun and moon with a daily cycle of high and low tides. Times can be predictable and vary by location. This booklet contains the Moriches Inlet tides for 2008.

Tide changes occur from east to west. Correlations between tides at two different points are neither exact nor consistent, but the map in this booklet will help you estimate the tide for your location. Keep in mind that storms or high winds may cause more extreme tides. The "feet" columns list how many feet above or below mean low water each tide is expected to be.

## Tide Adjustments

### Ocean Side, Fire Island:

Talisman/Barrett Beach: + 10 minutes  
Fire Island Lighthouse Beach: + 15 minutes  
Fire Island Breakwater: + 18 minutes

### on Great South Bay:

Point O'Woods: + 3 1/2 hours  
Sayville (Browns River): + 4 1/2 hours  
Patchogue River: +5 hours

## Driving Safety

For your safety, carry a jack and jack board, spare tire, shovel, tow line with chain or hook, tire pressure gauge, first aid kit, and fire extinguisher. Always lower tire pressure to 15-20 psi (pounds per square inch) to prevent washboard tracks. On the beach, stay in established tracks and at least 20 feet seaward of the beach grass.

## If You Become Stuck in the Sand...

- Do not spin your tires. Spinning will dig the vehicle in deeper.
- Check to make sure you are in four-wheel drive.
- Lower tire pressure to **15-18 psi**. (Use caution below 15 psi.)
- Dig a small amount of sand away from the front and rear of all four tires.
- If you are really buried, jack up all four wheels in turn and shovel sand underneath.
- Slowly attempt to drive backwards into your tire tracks where the sand is compacted.
- Keep front tires straight while trying to free your vehicle.
- Proceed evenly, keeping up your momentum and speed without spinning your tires.

**Tow Service is not readily available on Fire Island**

# January 2009

Date	High		Low		High		Low		High	
	time	feet	time	feet	time	feet	time	feet	time	feet
Thursday Jan. 1			3:12 a.m.	0.3	9:31 a.m.	2.8	3:43 p.m.	0.1	10:07 p.m.	2.5
Friday Jan. 2			3:52 a.m.	0.4	10:15 a.m.	2.7	4:19 p.m.	0.1	10:51 p.m.	2.5
Saturday Jan. 3			4:42 a.m.	0.4	11:04 a.m.	2.6	5:03 p.m.	0.1	11:40 p.m.	2.7

Sunrise: 7:16 am Sunset: 4:38 pm

<b>Sunday Jan. 4</b> 			<b>5:52 a.m.</b>	<b>0.5</b>	<b>11:58 a.m.</b>	<b>2.5</b>	<b>6:01 p.m.</b>	<b>0.1</b>		
Monday Jan. 5	12:32 a.m.	2.8	7:11 a.m.	0.4	12:57 p.m.	2.4	7:09 p.m.	0.1		
Tuesday Jan. 6	1:31 a.m.	3.0	8:20 a.m.	0.2	2:04 p.m.	2.4	8:15 p.m.	0.0		
Wednesday Jan. 7	2:36 a.m.	3.1	9:22 a.m.	0.0	3:13 p.m.	2.5	9:16 p.m.	-0.1		
Thursday Jan. 8	3:42 a.m.	3.3	10:19 a.m.	-0.2	4:19 p.m.	2.7	10:15 p.m.	-0.3		
Friday Jan. 9	4:43 a.m.	3.5	11:15 a.m.	-0.4	5:18 p.m.	2.9	11:13 p.m.	-0.4		
Saturday Jan. 10	5:39 a.m.	3.7	12:10 p.m.	-0.5	6:13 p.m.	3.0				

Sunrise: 7:15 am Sunset: 4:45 pm

<b>Sunday Jan. 11</b> 			<b>12:09 a.m.</b>	<b>-0.5</b>	<b>6:32 a.m.</b>	<b>3.7</b>	<b>1:01 p.m.</b>	<b>-0.7</b>	<b>7:05 p.m.</b>	<b>3.1</b>
Monday Jan. 12			1:03 a.m.	-0.6	7:23 a.m.	3.7	1:50 p.m.	-0.7	7:58 p.m.	3.2
Tuesday Jan. 13			1:55 a.m.	-0.5	8:14 a.m.	3.6	2:36 p.m.	-0.7	8:51 p.m.	3.2
Wednesday Jan. 14			2:45 a.m.	-0.4	9:05 a.m.	3.3	3:21 p.m.	-0.5	9:44 p.m.	3.1
Thursday Jan. 15			3:35 a.m.	-0.2	9:57 a.m.	3.1	4:06 p.m.	-0.4	10:37 p.m.	3.0
Friday Jan. 16			4:27 a.m.	0.0	10:48 a.m.	2.9	4:53 p.m.	-0.1	11:27 p.m.	3.0
Saturday Jan. 17			5:24 a.m.	0.2	11:39 a.m.	2.6	5:44 p.m.	0.1		

Sunrise: 7:13 am Sunset: 4:53 pm

<b>Sunday Jan. 18</b> 	<b>12:17 a.m.</b>	<b>2.9</b>	<b>6:28 a.m.</b>	<b>0.4</b>	<b>12:30 p.m.</b>	<b>2.4</b>	<b>6:40 p.m.</b>	<b>0.2</b>		
Monday Jan. 19	1:07 a.m.	2.8	7:33 a.m.	0.4	1:24 p.m.	2.2	7:38 p.m.	0.3		
Tuesday Jan. 20	2:00 a.m.	2.7	8:31 a.m.	0.4	2:22 p.m.	2.2	8:32 p.m.	0.4		
Wednesday Jan. 21	2:56 a.m.	2.7	9:23 a.m.	0.3	3:23 p.m.	2.2	9:22 p.m.	0.3		
Thursday Jan. 22	3:52 a.m.	2.7	10:11 a.m.	0.2	4:19 p.m.	2.2	10:10 p.m.	0.2		
Friday Jan. 23	4:42 a.m.	2.9	10:56 a.m.	0.1	5:08 p.m.	2.4	10:55 p.m.	0.2		
Saturday Jan. 24	5:26 a.m.	3.0	11:39 a.m.	0.0	5:51 p.m.	2.5	11:40 p.m.	0.1		

Sunrise: 7:08 am Sunset: 5:01 pm

<b>Sunday Jan. 25</b>	<b>6:06 a.m.</b>	<b>3.0</b>	<b>12:21 p.m.</b>	<b>-0.1</b>	<b>6:30 p.m.</b>	<b>2.5</b>				
Monday Jan. 26			12:23 a.m.	0.0	6:43 a.m.	3.1	12:59 p.m.	-0.1	7:06 p.m.	2.6
Tuesday Jan. 27			1:03 a.m.	0.0	7:17 a.m.	3.0	1:35 p.m.	-0.2	7:41 p.m.	2.7
Wednesday Jan. 28			1:41 a.m.	0.0	7:51 a.m.	3.0	2:09 p.m.	-0.2	8:15 p.m.	2.7
Thursday Jan. 29			2:18 a.m.	0.0	8:26 a.m.	2.9	2:40 p.m.	-0.2	8:50 p.m.	2.7
Friday Jan. 30			2:55 a.m.	0.1	9:04 a.m.	2.9	3:12 p.m.	-0.1	9:30 p.m.	2.8
Saturday Jan. 31			3:34 a.m.	0.1	9:48 a.m.	2.7	3:45 p.m.	-0.1	10:15 p.m.	2.9

# February 2009

Date	High		Low		High		Low		High	
	time	feet								

Sunrise: 7:02 am Sunset: 5:10 pm

<b>Sunday</b>	<b>Feb. 1</b>			<b>4:20 a.m.</b>	<b>0.2</b>	<b>10:38 a.m.</b>	<b>2.6</b>	<b>4:26 p.m.</b>	<b>0.0</b>	<b>11:06 p.m.</b>	<b>2.9</b>
Monday	Feb. 2			5:23 a.m.	0.4	11:34 a.m.	2.5	5:21 p.m.	0.1		
Tuesday	Feb. 3		12:02 a.m.	2.9	6:44 a.m.	0.4	12:36 p.m.	2.4	6:38 p.m.	0.2	
Wednesday	Feb. 4		1:05 a.m.	3.0	8:00 a.m.	0.2	1:45 p.m.	2.4	7:55 p.m.	0.1	
Thursday	Feb. 5		2:15 a.m.	3.0	9:05 a.m.	0.1	2:58 p.m.	2.5	9:02 p.m.	-0.1	
Friday	Feb. 6		3:26 a.m.	3.2	10:04 a.m.	-0.1	4:06 p.m.	2.7	10:03 p.m.	-0.2	
Saturday	Feb. 7		4:30 a.m.	3.3	10:59 a.m.	-0.4	5:05 p.m.	2.9	11:01 p.m.	-0.4	

Sunrise: 6:54 am Sunset: 5:19 pm

<b>Sunday</b>	<b>Feb. 8</b>		<b>5:27 a.m.</b>	<b>3.5</b>	<b>11:51 a.m.</b>	<b>-0.5</b>	<b>5:59 p.m.</b>	<b>3.1</b>	<b>11:56 p.m.</b>	<b>-0.5</b>	
Monday	Feb. 9		6:17 a.m.	3.7	12:40 p.m.	-0.7	6:48 p.m.	3.3			
Tuesday	Feb. 10				12:48 a.m.	-0.6	7:05 a.m.	3.6	1:26 p.m.	-0.7	7:36 p.m. 3.3
Wednesday	Feb. 11				1:38 a.m.	-0.5	7:52 a.m.	3.5	2:08 p.m.	-0.6	8:24 p.m. 3.3
Thursday	Feb. 12				2:25 a.m.	-0.4	8:39 a.m.	3.3	2:49 p.m.	-0.5	9:13 p.m. 3.3
Friday	Feb. 13				3:10 a.m.	-0.2	9:27 a.m.	3.0	3:29 p.m.	-0.3	10:01 p.m. 3.2
Saturday	Feb. 14				3:57 a.m.	-0.1	10:16 a.m.	2.8	4:09 p.m.	0.0	10:49 p.m. 3.0

Sunrise: 6:46 am Sunset: 5:27 pm

<b>Sunday</b>	<b>Feb. 15</b>			<b>4:46 a.m.</b>	<b>0.2</b>	<b>11:05 a.m.</b>	<b>2.5</b>	<b>4:53 p.m.</b>	<b>0.2</b>	<b>11:36 p.m.</b>	<b>2.9</b>
Monday	Feb. 16			5:44 a.m.	0.4	11:56 a.m.	2.4	5:47 p.m.	0.4		
Tuesday	Feb. 17		12:26 a.m.	2.7	6:50 a.m.	0.5	12:49 p.m.	2.2	6:52 p.m.	0.5	
Wednesday	Feb. 18		1:19 a.m.	2.6	7:54 a.m.	0.5	1:47 p.m.	2.1	7:57 p.m.	0.6	
Thursday	Feb. 19		2:17 a.m.	2.5	8:50 a.m.	0.5	2:49 p.m.	2.2	8:53 p.m.	0.5	
Friday	Feb. 20		3:17 a.m.	2.6	9:40 a.m.	0.4	3:49 p.m.	2.2	9:44 p.m.	0.4	
Saturday	Feb. 21		4:12 a.m.	2.7	10:25 a.m.	0.2	4:40 p.m.	2.4	10:31 p.m.	0.2	

Sunrise: 6:36 am Sunset: 5:35 pm

<b>Sunday</b>	<b>Feb. 22</b>		<b>4:59 a.m.</b>	<b>2.9</b>	<b>11:08 a.m.</b>	<b>0.1</b>	<b>5:24 p.m.</b>	<b>2.6</b>	<b>11:16 p.m.</b>	<b>0.1</b>	
Monday	Feb. 23		5:39 a.m.	3.0	11:49 a.m.	-0.1	6:02 p.m.	2.7	11:59 p.m.	0.0	
Tuesday	Feb. 24		6:16 a.m.	3.1	12:27 p.m.	-0.1	6:37 p.m.	2.9			
Wednesday	Feb. 25				12:41 a.m.	-0.1	6:51 a.m.	3.1	1:03 p.m.	-0.2	7:10 p.m. 3.0
Thursday	Feb. 26				1:21 a.m.	-0.1	7:26 a.m.	3.1	1:37 p.m.	-0.2	7:44 p.m. 3.0
Friday	Feb. 27				2:00 a.m.	-0.1	8:02 a.m.	3.0	2:11 p.m.	-0.2	8:19 p.m. 3.1
Saturday	Feb. 28				2:39 a.m.	-0.1	8:42 a.m.	2.9	2:44 p.m.	-0.1	9:00 p.m. 3.1

# March 2009

Date	High		Low		High		Low		High	
	time	feet								

Sunrise: 6:26 am Sunset: 5:44 pm

<b>Sunday Mar. 1</b>			<b>3:20 a.m.</b>	<b>0.0</b>	<b>9:29 a.m.</b>	<b>2.7</b>	<b>3:21 p.m.</b>	<b>-0.1</b>	<b>9:48 p.m.</b>	<b>3.1</b>
Monday Mar. 2			4:08 a.m.	0.1	10:23 a.m.	2.6	4:04 p.m.	0.1	10:43 p.m.	3.1
Tuesday Mar. 3			5:09 a.m.	0.3	11:23 a.m.	2.5	5:02 p.m.	0.2	11:44 p.m.	3.0
Wednesday Mar. 4 			6:28 a.m.	0.4	12:27 p.m.	2.5	6:23 p.m.	0.3		
Thursday Mar. 5	12:50 a.m.	3.0	7:45 a.m.	0.3	1:35 p.m.	2.5	7:44 p.m.	0.2		
Friday Mar. 6	2:01 a.m.	3.0	8:50 a.m.	0.1	2:46 p.m.	2.6	8:53 p.m.	0.1		
Saturday Mar. 7	3:11 a.m.	3.2	9:46 a.m.	-0.1	3:52 p.m.	2.9	9:53 p.m.	-0.1		

Sunrise: 6:15 am Sunset: 5:51 pm

<b>Sunday* Mar. 8</b>	<b>5:15 a.m.</b>	<b>3.3</b>	<b>11:39 a.m.</b>	<b>-0.2</b>	<b>5:50 p.m.</b>	<b>3.1</b>	<b>11:49 p.m.</b>	<b>-0.3</b>		
Monday Mar. 9	6:10 a.m.	3.4	12:27 p.m.	-0.4	6:41 p.m.	3.3				
Tuesday Mar. 10			12:41 a.m.	-0.4	6:59 a.m.	3.5	1:14 p.m.	-0.5	7:27 p.m.	3.5
Wednesday Mar. 11 			1:31 a.m.	-0.5	7:44 a.m.	3.5	1:57 p.m.	-0.5	8:12 p.m.	3.5
Thursday Mar. 12			2:18 a.m.	-0.4	8:28 a.m.	3.3	2:38 p.m.	-0.4	8:55 p.m.	3.5
Friday Mar. 13			3:03 a.m.	-0.4	9:12 a.m.	3.2	3:16 p.m.	-0.2	9:39 p.m.	3.4
Saturday Mar. 14			3:46 a.m.	-0.2	9:57 a.m.	2.9	3:53 p.m.	-0.1	10:23 p.m.	3.2

Sunrise: 7:03 am Sunset: 6:59 pm

<b>Sunday Mar. 15</b>			<b>4:27 a.m.</b>	<b>0.0</b>	<b>10:45 a.m.</b>	<b>2.7</b>	<b>4:30 p.m.</b>	<b>0.2</b>	<b>11:08 p.m.</b>	<b>3.0</b>
Monday Mar. 16			5:11 a.m.	0.2	11:34 a.m.	2.5	5:09 p.m.	0.4	11:56 p.m.	2.9
Tuesday Mar. 17			6:01 a.m.	0.4	12:25 p.m.	2.4	5:56 p.m.	0.6		
Wednesday Mar. 18 	12:45 a.m.	2.7	7:02 a.m.	0.6	1:17 p.m.	2.2	7:03 p.m.	0.8		
Thursday Mar. 19	1:38 a.m.	2.6	8:10 a.m.	0.7	2:13 p.m.	2.2	8:17 p.m.	0.8		
Friday Mar. 20	2:35 a.m.	2.5	9:11 a.m.	0.6	3:12 p.m.	2.2	9:20 p.m.	0.7		
Saturday Mar. 21	3:34 a.m.	2.6	10:02 a.m.	0.5	4:11 p.m.	2.4	10:14 p.m.	0.5		

Sunrise: 6:52 am Sunset: 7:057 pm

<b>Sunday Mar. 22</b>	<b>4:32 a.m.</b>	<b>2.7</b>	<b>10:47 a.m.</b>	<b>0.4</b>	<b>5:04 p.m.</b>	<b>2.5</b>	<b>11:02 p.m.</b>	<b>0.4</b>		
Monday Mar. 23	5:21 a.m.	2.9	11:29 a.m.	0.2	5:48 p.m.	2.8	11:48 p.m.	0.2		
Tuesday Mar. 24	6:05 a.m.	3.0	12:09 p.m.	0.1	6:28 p.m.	3.0				
Wednesday Mar. 25			12:33 a.m.	0.1	6:45 a.m.	3.1	12:48 p.m.	-0.1	7:04 p.m.	3.2
Thursday Mar. 26 			1:17 a.m.	-0.1	7:23 a.m.	3.1	1:27 p.m.	-0.1	7:39 p.m.	3.3
Friday Mar. 27			2:00 a.m.	-0.1	8:01 a.m.	3.1	2:05 p.m.	-0.2	8:15 p.m.	3.4
Saturday Mar. 28			2:42 a.m.	-0.2	8:41 a.m.	3.0	2:44 p.m.	-0.2	8:54 p.m.	3.5

Sunrise: 6:40 am Sunset: 7:14 pm

<b>Sunday Mar. 29</b>			<b>3:25 a.m.</b>	<b>-0.1</b>	<b>9:27 a.m.</b>	<b>2.9</b>	<b>3:23 p.m.</b>	<b>-0.1</b>	<b>9:39 p.m.</b>	<b>3.4</b>
Monday Mar. 30			4:11 a.m.	-0.1	10:18 a.m.	2.9	4:06 p.m.	0.0	10:31 p.m.	3.3
Tuesday Mar. 31			5:01 a.m.	0.1	11:17 a.m.	2.7	4:55 p.m.	0.2	11:31 p.m.	3.2

\* Daylight Saving Time begins

# April 2009

Date	High		Low		High		Low		High	
	time	feet	time	feet	time	feet	time	feet	time	feet
Wednesday Apr. 1			6:02 a.m.	0.2	12:19 p.m.	2.7	5:58 p.m.	0.3		
Thursday Apr. 2 	12:35 a.m.	3.2	7:15 a.m.	0.3	1:22 p.m.	2.7	7:18 p.m.	0.4		
Friday Apr. 3	1:40 a.m.	3.1	8:28 a.m.	0.2	2:27 p.m.	2.7	8:35 p.m.	0.4		
Saturday Apr. 4	2:47 a.m.	3.1	9:30 a.m.	0.1	3:32 p.m.	2.9	9:42 p.m.	0.2		

Sunrise: 6:29 am Sunset: 7:21 pm

<b>Sunday Apr. 5</b>	<b>3:53 a.m.</b>	<b>3.1</b>	<b>10:24 a.m.</b>	<b>-0.1</b>	<b>4:35 p.m.</b>	<b>3.0</b>	<b>10:40 p.m.</b>	<b>0.0</b>		
Monday Apr. 6	4:54 a.m.	3.2	11:13 a.m.	-0.2	5:30 p.m.	3.3	11:33 p.m.	-0.1		
Tuesday Apr. 7	5:48 a.m.	3.2	11:59 a.m.	-0.2	6:19 p.m.	3.5				
Wednesday Apr. 8			12:24 a.m.	-0.2	6:36 a.m.	3.3	12:43 p.m.	-0.2	7:03 p.m.	3.6
Thursday Apr. 9 			1:12 a.m.	-0.2	7:21 a.m.	3.2	1:26 p.m.	-0.2	7:45 p.m.	3.7
Friday Apr. 10			1:58 a.m.	-0.2	8:04 a.m.	3.2	2:06 p.m.	-0.1	8:25 p.m.	3.6
Saturday Apr. 11			2:41 a.m.	-0.2	8:46 a.m.	3.0	2:45 p.m.	0.0	9:06 p.m.	3.5

Sunrise: 6:18 am Sunset: 7:29 pm

<b>Sunday Apr. 12</b>			<b>3:21 a.m.</b>	<b>-0.1</b>	<b>9:30 a.m.</b>	<b>2.9</b>	<b>3:22 p.m.</b>	<b>0.2</b>	<b>9:47 p.m.</b>	<b>3.3</b>
Monday Apr. 13			4:01 a.m.	0.1	10:17 a.m.	2.7	3:58 p.m.	0.4	10:31 p.m.	3.1
Tuesday Apr. 14			4:42 a.m.	0.3	11:06 a.m.	2.5	4:35 p.m.	0.5	11:18 p.m.	2.9
Wednesday Apr. 15			5:26 a.m.	0.5	11:56 a.m.	2.4	5:18 p.m.	0.7		
Thursday Apr. 16	12:07 a.m.	2.8	6:18 a.m.	0.6	12:47 p.m.	2.4	6:16 p.m.	0.8		
Friday Apr. 17 	12:58 a.m.	2.7	7:21 a.m.	0.7	1:38 p.m.	2.4	7:31 p.m.	0.9		
Saturday Apr. 18	1:50 a.m.	2.6	8:23 a.m.	0.7	2:31 p.m.	2.4	8:41 p.m.	0.8		

Sunrise: 6:07 am Sunset: 7:36 pm

<b>Sunday Apr. 19</b>	<b>2:45 a.m.</b>	<b>2.7</b>	<b>9:15 a.m.</b>	<b>0.5</b>	<b>3:25 p.m.</b>	<b>2.5</b>	<b>9:38 p.m.</b>	<b>0.7</b>		
Monday Apr. 20	3:41 a.m.	2.7	10:01 a.m.	0.4	4:17 p.m.	2.7	10:29 p.m.	0.5		
Tuesday Apr. 21	4:35 a.m.	2.8	10:44 a.m.	0.2	5:05 p.m.	3.0	11:17 p.m.	0.3		
Wednesday Apr. 22	5:24 a.m.	2.9	11:26 a.m.	0.1	5:48 p.m.	3.2				
Thursday Apr. 23			12:04 a.m.	0.1	6:10 a.m.	3.0	12:08 p.m.	0.0	6:29 p.m.	3.5
Friday Apr. 24			12:51 a.m.	-0.1	6:54 a.m.	3.0	12:51 p.m.	-0.1	7:09 p.m.	3.6
Saturday Apr. 25 			1:39 a.m.	-0.2	7:38 a.m.	3.1	1:36 p.m.	-0.1	7:50 p.m.	3.7

Sunrise: 5:57 am Sunset: 7:43 pm

<b>Sunday Apr. 26</b>			<b>2:26 a.m.</b>	<b>-0.2</b>	<b>8:24 a.m.</b>	<b>3.0</b>	<b>2:21 p.m.</b>	<b>-0.1</b>	<b>8:35 p.m.</b>	<b>3.7</b>
Monday Apr. 27			3:13 a.m.	-0.2	9:15 a.m.	3.0	3:08 p.m.	-0.1	9:25 p.m.	3.7
Tuesday Apr. 28			4:02 a.m.	-0.2	10:11 a.m.	2.9	3:57 p.m.	0.1	10:22 p.m.	3.5
Wednesday Apr. 29			4:54 a.m.	-0.1	11:12 a.m.	2.9	4:52 p.m.	0.2	11:24 p.m.	3.4
Thursday Apr. 30			5:53 a.m.	0.1	12:13 p.m.	2.9	5:55 p.m.	0.3		

# May 2009

Date	High		Low		High		Low		High	
	time	feet	time	feet	time	feet	time	feet	time	feet
Friday May 1	12:26 a.m.	3.3	6:59 a.m.	0.2	1:14 p.m.	2.9	7:09 p.m.	0.4		
Saturday May 2	1:27 a.m.	3.2	8:05 a.m.	0.2	2:14 p.m.	3.0	8:22 p.m.	0.4		

Sunrise: 5:48 am Sunset: 7:51 pm

<b>Sunday May 3</b>	<b>2:28 a.m.</b>	<b>3.1</b>	<b>9:04 a.m.</b>	<b>0.1</b>	<b>3:14 p.m.</b>	<b>3.1</b>	<b>9:26 p.m.</b>	<b>0.3</b>		
Monday May 4	3:29 a.m.	3.0	9:56 a.m.	0.0	4:12 p.m.	3.2	10:23 p.m.	0.2		
Tuesday May 5	4:28 a.m.	3.0	10:43 a.m.	-0.1	5:06 p.m.	3.4	11:15 p.m.	0.1		
Wednesday May 6	5:23 a.m.	3.0	11:28 a.m.	-0.1	5:54 p.m.	3.5				
Thursday May 7			12:04 a.m.	0.0	6:12 a.m.	3.0	12:12 p.m.	0.0	6:38 p.m.	3.6
Friday May 8			12:51 a.m.	-0.1	6:58 a.m.	3.0	12:54 p.m.	0.1	7:18 p.m.	3.6
Saturday May 9			1:36 a.m.	-0.1	7:41 a.m.	2.9	1:36 p.m.	0.1	7:58 p.m.	3.5

Sunrise: 5:40 am Sunset: 7:58 pm

<b>Sunday May 10</b>			<b>2:19 a.m.</b>	<b>0.0</b>	<b>8:23 a.m.</b>	<b>2.9</b>	<b>2:16 p.m.</b>	<b>0.2</b>	<b>8:37 p.m.</b>	<b>3.4</b>
Monday May 11			2:59 a.m.	0.1	9:07 a.m.	2.7	2:55 p.m.	0.4	9:17 p.m.	3.3
Tuesday May 12			3:38 a.m.	0.1	9:52 a.m.	2.6	3:33 p.m.	0.5	9:59 p.m.	3.1
Wednesday May 13			4:17 a.m.	0.2	10:39 a.m.	2.5	4:10 p.m.	0.6	10:44 p.m.	3.0
Thursday May 14			4:57 a.m.	0.4	11:27 a.m.	2.5	4:50 p.m.	0.7	11:31 p.m.	2.9
Friday May 15			5:40 a.m.	0.5	12:15 p.m.	2.4	5:39 p.m.	0.8		
Saturday May 16	12:18 a.m.	2.8	6:30 a.m.	0.5	1:01 p.m.	2.5	6:42 p.m.	0.9		

Sunrise: 5:33 am Sunset: 8:05 pm

<b>Sunday May 17</b>	<b>1:05 a.m.</b>	<b>2.7</b>	<b>7:26 a.m.</b>	<b>0.5</b>	<b>1:47 p.m.</b>	<b>2.5</b>	<b>7:54 p.m.</b>	<b>0.8</b>		
Monday May 18	1:54 a.m.	2.7	8:21 a.m.	0.5	2:35 p.m.	2.7	8:58 p.m.	0.7		
Tuesday May 19	2:47 a.m.	2.7	9:10 a.m.	0.4	3:25 p.m.	2.9	9:53 p.m.	0.5		
Wednesday May 20	3:44 a.m.	2.7	9:57 a.m.	0.3	4:17 p.m.	3.1	10:45 p.m.	0.4		
Thursday May 21	4:42 a.m.	2.8	10:43 a.m.	0.1	5:07 p.m.	3.3	11:36 p.m.	0.1		
Friday May 22	5:36 a.m.	2.9	11:31 a.m.	0.1	5:56 p.m.	3.6				
Saturday May 23			12:27 a.m.	-0.1	6:28 a.m.	3.0	12:20 p.m.	-0.1	6:43 p.m.	3.8

Sunrise: 5:27 am Sunset: 8:11 pm

<b>Sunday May 24</b>			<b>1:19 a.m.</b>	<b>-0.2</b>	<b>7:18 a.m.</b>	<b>3.0</b>	<b>1:12 p.m.</b>	<b>-0.1</b>	<b>7:31 p.m.</b>	<b>3.8</b>
Monday May 25			2:10 a.m.	-0.3	8:09 a.m.	3.1	2:04 p.m.	-0.1	8:21 p.m.	3.8
Tuesday May 26			3:00 a.m.	-0.3	9:03 a.m.	3.0	2:56 p.m.	-0.1	9:15 p.m.	3.8
Wednesday May 27			3:51 a.m.	-0.3	10:01 a.m.	3.0	3:49 p.m.	-0.1	10:14 p.m.	3.7
Thursday May 28			4:42 a.m.	-0.2	11:02 a.m.	3.0	4:45 p.m.	0.1	11:14 p.m.	3.5
Friday May 29			5:36 a.m.	-0.1	12:01 p.m.	3.1	5:45 p.m.	0.2		
Saturday May 30	12:12 a.m.	3.3	6:35 a.m.	0.0	12:58 p.m.	3.1	6:53 p.m.	0.4		

Sunrise: 5:23 am Sunset: 8:17 pm

<b>Sunday May 31</b>	<b>1:08 a.m.</b>	<b>3.2</b>	<b>7:35 a.m.</b>	<b>0.1</b>	<b>1:53 p.m.</b>	<b>3.2</b>	<b>8:02 p.m.</b>	<b>0.4</b>		
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# June 2009

Date	High		Low		High		Low		High	
	time	feet	time	feet	time	feet	time	feet	time	feet
Monday June 1	2:04 a.m.	3.0	8:32 a.m.	0.1	2:49 p.m.	3.2	9:06 p.m.	0.4		
Tuesday June 2	3:01 a.m.	2.9	9:24 a.m.	0.1	3:44 p.m.	3.3	10:03 p.m.	0.3		
Wednesday June 3	3:59 a.m.	2.8	10:12 a.m.	0.1	4:37 p.m.	3.3	10:54 p.m.	0.2		
Thursday June 4	4:56 a.m.	2.7	10:57 a.m.	0.2	5:27 p.m.	3.4	11:43 p.m.	0.2		
Friday June 5	5:48 a.m.	2.7	11:42 a.m.	0.2	6:12 p.m.	3.5				
Saturday June 6			12:29 a.m.	0.1	6:36 a.m.	2.7	12:26 p.m.	0.2	6:54 p.m.	3.5

Sunrise: 5:21 am Sunset: 8:21 pm

<b>Sunday June 7</b> ☉			<b>1:14 a.m.</b>	<b>0.1</b>	<b>7:20 a.m.</b>	<b>2.7</b>	<b>1:10 p.m.</b>	<b>0.3</b>	<b>7:34 p.m.</b>	<b>3.4</b>
Monday June 8			1:57 a.m.	0.1	8:02 a.m.	2.7	1:52 p.m.	0.4	8:13 p.m.	3.3
Tuesday June 9			2:37 a.m.	0.1	8:44 a.m.	2.7	2:33 p.m.	0.4	8:53 p.m.	3.3
Wednesday June 10			3:16 a.m.	0.1	9:27 a.m.	2.6	3:12 p.m.	0.5	9:33 p.m.	3.2
Thursday June 11			3:53 a.m.	0.2	10:11 a.m.	2.6	3:49 p.m.	0.5	10:14 p.m.	3.0
Friday June 12			4:29 a.m.	0.3	10:55 a.m.	2.5	4:27 p.m.	0.7	10:55 p.m.	2.9
Saturday June 13			5:05 a.m.	0.4	11:38 a.m.	2.6	5:08 p.m.	0.7	11:38 p.m.	2.9

Sunrise: 5:20 am Sunset: 8:25 pm

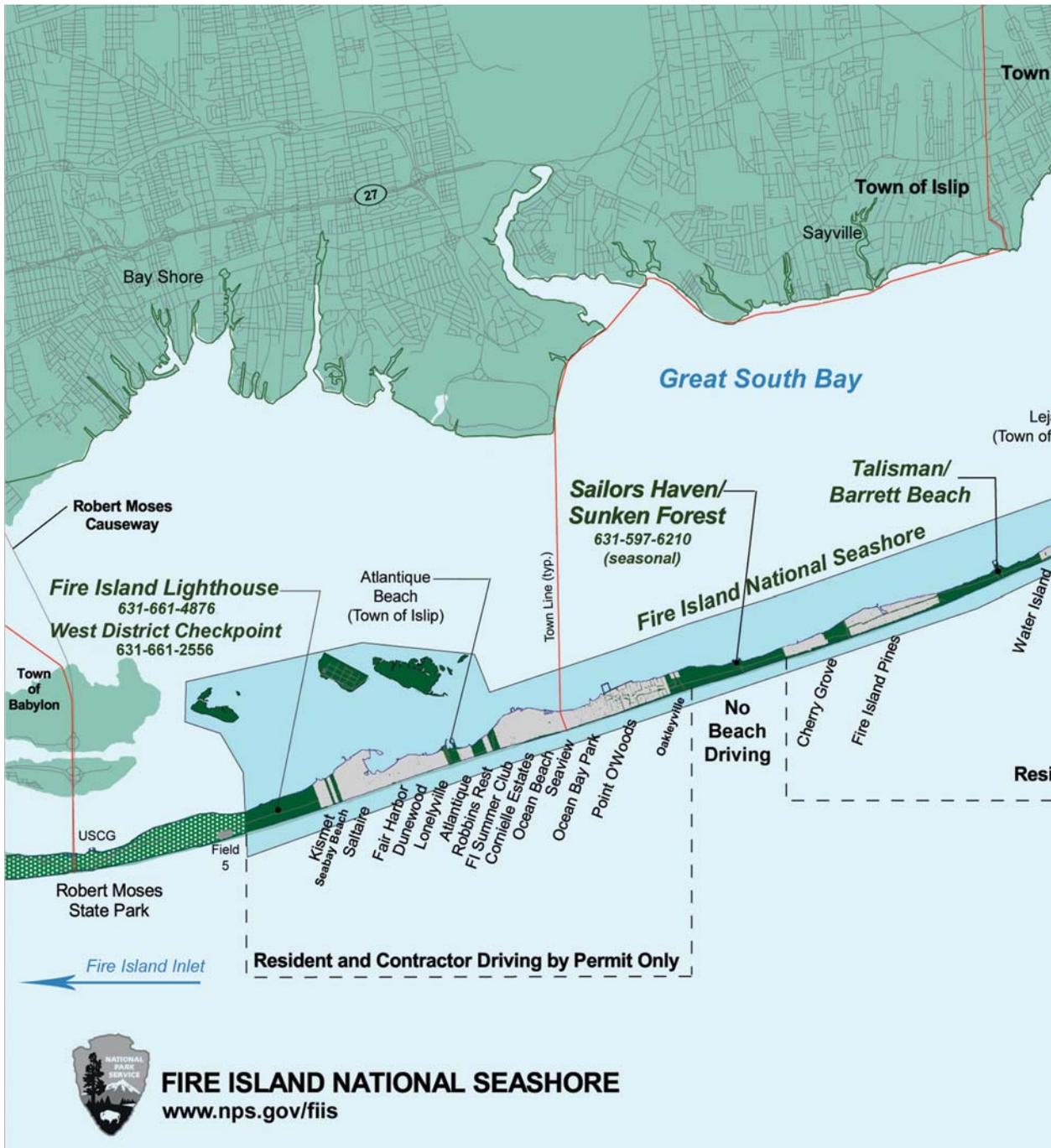
<b>Sunday June 14</b>			<b>5:43 a.m.</b>	<b>0.4</b>	<b>12:20 p.m.</b>	<b>2.7</b>	<b>5:59 p.m.</b>	<b>0.8</b>		
Monday June 15	☾	12:22 a.m.	2.8	6:27 a.m.	0.4	1:02 p.m.	2.7	7:05 p.m.	0.8	
Tuesday June 16		1:08 a.m.	2.7	7:19 a.m.	0.4	1:47 p.m.	2.9	8:15 p.m.	0.7	
Wednesday June 17		2:00 a.m.	2.7	8:16 a.m.	0.4	2:37 p.m.	3.0	9:18 p.m.	0.6	
Thursday June 18		2:59 a.m.	2.6	9:12 a.m.	0.3	3:32 p.m.	3.2	10:16 p.m.	0.4	
Friday June 19		4:03 a.m.	2.7	10:06 a.m.	0.2	4:31 p.m.	3.4	11:11 p.m.	0.2	
Saturday June 20		5:07 a.m.	2.8	11:01 a.m.	0.1	5:29 p.m.	3.7			

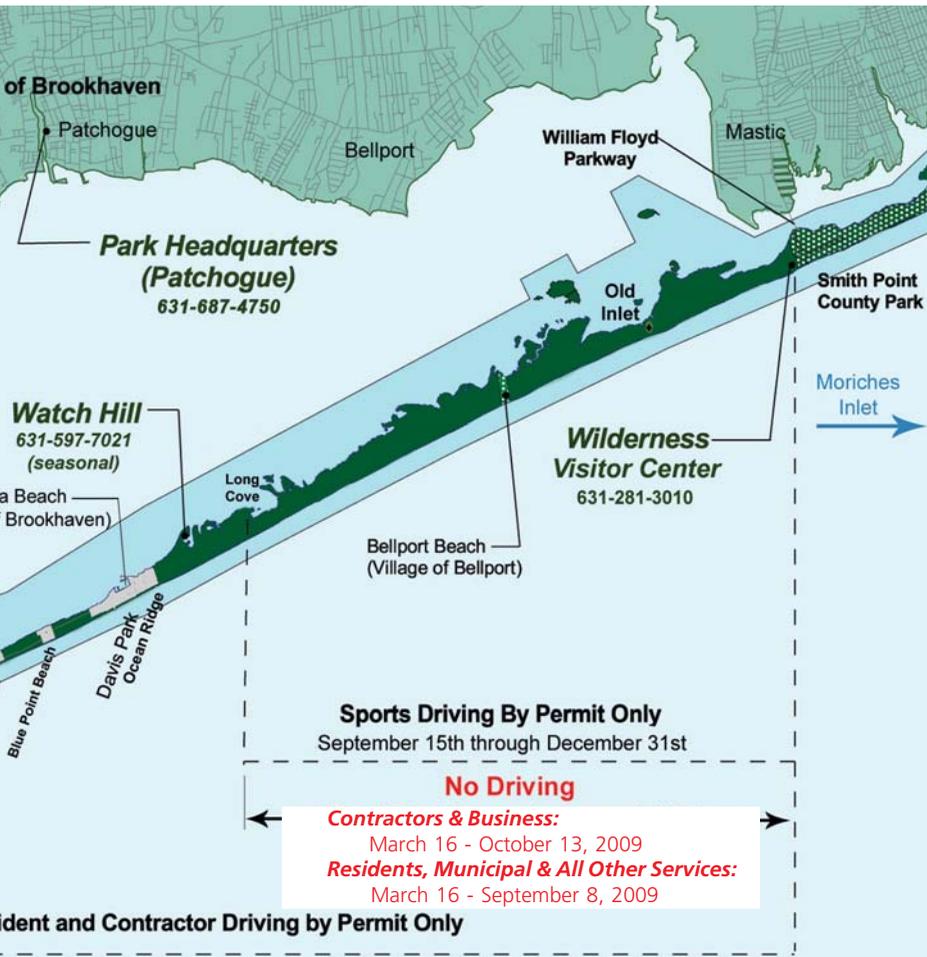
Sunrise: 5:21 am Sunset: 8:27 pm

<b>Sunday June 21</b>			<b>12:06 a.m.</b>	<b>0.0</b>	<b>6:06 a.m.</b>	<b>2.9</b>	<b>11:57 a.m.</b>	<b>-0.1</b>	<b>6:24 p.m.</b>	<b>3.8</b>
Monday June 22	☀		1:00 a.m.	-0.2	7:01 a.m.	3.0	12:54 p.m.	-0.1	7:17 p.m.	3.9
Tuesday June 23			1:53 a.m.	-0.3	7:55 a.m.	3.2	1:50 p.m.	-0.2	8:09 p.m.	4.0
Wednesday June 24			2:45 a.m.	-0.4	8:49 a.m.	3.2	2:45 p.m.	-0.2	9:03 p.m.	3.8
Thursday June 25			3:34 a.m.	-0.4	9:46 a.m.	3.2	3:38 p.m.	-0.2	9:59 p.m.	3.7
Friday June 26			4:23 a.m.	-0.4	10:44 a.m.	3.3	4:32 p.m.	0.0	10:56 p.m.	3.5
Saturday June 27			5:12 a.m.	-0.2	11:40 a.m.	3.3	5:28 p.m.	0.1	11:51 p.m.	3.3

Sunrise: 5:23 am Sunset: 8:27 pm

<b>Sunday June 28</b>			<b>6:04 a.m.</b>	<b>-0.1</b>	<b>12:35 p.m.</b>	<b>3.3</b>	<b>6:30 p.m.</b>	<b>0.3</b>		
Monday June 29	☾	12:44 a.m.	3.1	6:59 a.m.	0.1	1:27 p.m.	3.3	7:37 p.m.	0.4	
Tuesday June 30		1:37 a.m.	2.9	7:55 a.m.	0.2	2:19 p.m.	3.3	8:41 p.m.	0.5	





Atlantic Ocean



December 2003

## 2009 Ferry Service

**Fire Island Ferries**  
631-665-3600 or 666-3600  
[www.fireislandferries.com](http://www.fireislandferries.com)

Bayshore to:

- Kismet \*
- Saltire
- Fair Harbor
- Dunewood \*
- Atlantique \*
- Ocean Beach
- Seaview \*
- Ocean Bay Park\*

*\*seasonal only*

Cross-bay and lateral water taxi

**Fire Island Water Taxi**  
631-665-8885  
[www.fireislandwatertaxi.com](http://www.fireislandwatertaxi.com)  
*seasonal only*

**Sayville Ferry Service**  
631-589-0810  
[www.sayvilleferry.com](http://www.sayvilleferry.com)  
Sayville to

- Sailors Haven \*
- Cherry Grove
- Fire Island Pines
- Water Island \*

*\*seasonal only*

Cross-bay water taxi  
by special arrangement

**Davis Park Ferry Service**  
631-475-1665  
[www.davisparkferry.com](http://www.davisparkferry.com)

Patchogue (Sandspit Park) to  
Davis Park \*

Patchogue (West Avenue) to  
Watch Hill \*

*\*seasonal only*

Cross-bay water taxi  
by special arrangement

**National Park Service**  
**Fire Island National Seashore**  
631-687-4750  
[www.nps.gov/fiis](http://www.nps.gov/fiis)  
[fiis\\_information@nps.gov](mailto:fiis_information@nps.gov)  
[fiis\\_superintendent@nps.gov](mailto:fiis_superintendent@nps.gov)

**In An Emergency:**  
**Call 911**

# July 2009

Date	High		Low		High		Low		High	
	time	feet	time	feet	time	feet	time	feet	time	feet
Wednesday Jul. 1	2:31 a.m.	2.7	8:50 a.m.	0.3	3:12 p.m.	3.2	9:39 p.m.	0.4		
Thursday Jul. 2	3:29 a.m.	2.6	9:41 a.m.	0.4	4:06 p.m.	3.2	10:31 p.m.	0.4		
Friday Jul. 3	4:28 a.m.	2.5	10:29 a.m.	0.4	4:59 p.m.	3.2	11:19 p.m.	0.3		
Saturday Jul. 4	5:24 a.m.	2.5	11:15 a.m.	0.4	5:47 p.m.	3.3				

Sunrise: 5:27 am Sunset: 8:26 pm

<b>Sunday Jul. 5</b>			<b>12:06 a.m.</b>	<b>0.2</b>	<b>6:14 a.m.</b>	<b>2.6</b>	<b>12:01 p.m.</b>	<b>0.4</b>	<b>6:32 p.m.</b>	<b>3.3</b>
Monday Jul. 6			12:50 a.m.	0.2	6:59 a.m.	2.7	12:46 p.m.	0.4	7:13 p.m.	3.3
Tuesday Jul. 7 			1:33 a.m.	0.2	7:41 a.m.	2.7	1:30 p.m.	0.4	7:52 p.m.	3.3
Wednesday Jul. 8			2:13 a.m.	0.1	8:21 a.m.	2.7	2:11 p.m.	0.4	8:29 p.m.	3.3
Thursday Jul. 9			2:51 a.m.	0.1	9:00 a.m.	2.7	2:51 p.m.	0.4	9:06 p.m.	3.2
Friday Jul. 10			3:25 a.m.	0.1	9:39 a.m.	2.7	3:28 p.m.	0.5	9:42 p.m.	3.1
Saturday Jul. 11			3:58 a.m.	0.2	10:18 a.m.	2.7	4:04 p.m.	0.5	10:19 p.m.	3.0

Sunrise: 5:31 am Sunset: 8:24 pm

<b>Sunday Jul. 12</b>			<b>4:29 a.m.</b>	<b>0.2</b>	<b>10:56 a.m.</b>	<b>2.8</b>	<b>4:41 p.m.</b>	<b>0.6</b>	<b>10:59 p.m.</b>	<b>2.9</b>
Monday Jul. 13			5:01 a.m.	0.3	11:35 a.m.	2.9	5:25 p.m.	0.7	11:43 p.m.	2.8
Tuesday Jul. 14			5:37 a.m.	0.3	12:18 p.m.	2.9	6:22 p.m.	0.7		
Wednesday Jul. 15 	12:31 a.m.	2.7	6:24 a.m.	0.4	1:04 p.m.	3.0	7:36 p.m.	0.7		
Thursday Jul. 16	1:26 a.m.	2.6	7:26 a.m.	0.4	1:57 p.m.	3.2	8:48 p.m.	0.6		
Friday Jul. 17	2:28 a.m.	2.6	8:35 a.m.	0.4	2:58 p.m.	3.3	9:52 p.m.	0.4		
Saturday Jul. 18	3:36 a.m.	2.6	9:40 a.m.	0.2	4:04 p.m.	3.4	10:50 p.m.	0.2		

Sunrise: 5:37 am Sunset: 8:19 pm

<b>Sunday Jul. 19</b>			<b>4:45 a.m.</b>	<b>2.7</b>	<b>10:42 a.m.</b>	<b>0.1</b>	<b>5:09 p.m.</b>	<b>3.6</b>	<b>11:47 p.m.</b>	<b>0.0</b>
Monday Jul. 20			5:48 a.m.	2.9	11:41 a.m.	-0.1	6:08 p.m.	3.8		
Tuesday Jul. 21			12:42 a.m.	-0.2	6:45 a.m.	3.2	12:40 p.m.	-0.2	7:03 p.m.	3.9
Wednesday Jul. 22 			1:34 a.m.	-0.4	7:39 a.m.	3.3	1:36 p.m.	-0.2	7:55 p.m.	4.0
Thursday Jul. 23			2:24 a.m.	-0.5	8:32 a.m.	3.4	2:30 p.m.	-0.3	8:46 p.m.	3.9
Friday Jul. 24			3:11 a.m.	-0.5	9:25 a.m.	3.5	3:22 p.m.	-0.2	9:38 p.m.	3.7
Saturday Jul. 25			3:57 a.m.	-0.4	10:19 a.m.	3.5	4:13 p.m.	-0.1	10:31 p.m.	3.5

Sunrise: 5:43 am Sunset: 8:13 pm

<b>Sunday Jul. 26</b>			<b>4:42 a.m.</b>	<b>-0.2</b>	<b>11:13 a.m.</b>	<b>3.5</b>	<b>5:06 p.m.</b>	<b>0.1</b>	<b>11:24 p.m.</b>	<b>3.2</b>
Monday Jul. 27			5:29 a.m.	-0.1	12:05 p.m.	3.4	6:02 p.m.	0.3		
Tuesday Jul. 28 	12:17 a.m.	3.0	6:19 a.m.	0.2	12:55 p.m.	3.3	7:05 p.m.	0.5		
Wednesday Jul. 29	1:09 a.m.	2.8	7:14 a.m.	0.4	1:46 p.m.	3.2	8:10 p.m.	0.6		
Thursday Jul. 30	2:03 a.m.	2.6	8:14 a.m.	0.5	2:38 p.m.	3.1	9:11 p.m.	0.6		
Friday Jul. 31	3:00 a.m.	2.5	9:10 a.m.	0.6	3:33 p.m.	3.0	10:05 p.m.	0.5		

# August 2009

Date	High		Low		High		Low		High	
	time	feet	time	feet	time	feet	time	feet	time	feet
Saturday Aug. 1	4:01 a.m.	2.4	10:03 a.m.	0.6	4:30 p.m.	3.1	10:54 p.m.	0.5		

Sunrise: 5:50 am Sunset: 8:06 pm

<b>Sunday Aug. 2</b>	<b>4:59 a.m.</b>	<b>2.5</b>	<b>10:51 a.m.</b>	<b>0.5</b>	<b>5:22 p.m.</b>	<b>3.2</b>	<b>11:39 p.m.</b>	<b>0.4</b>		
Monday Aug. 3	5:51 a.m.	2.6	11:38 a.m.	0.5	6:08 p.m.	3.2				
Tuesday Aug. 4			12:23 a.m.	0.3	6:36 a.m.	2.7	12:23 p.m.	0.4	6:50 p.m.	3.3
Wednesday Aug. 5			1:04 a.m.	0.2	7:16 a.m.	2.8	1:07 p.m.	0.4	7:28 p.m.	3.3
Thursday Aug. 6 			1:43 a.m.	0.1	7:54 a.m.	2.9	1:49 p.m.	0.3	8:03 p.m.	3.3
Friday Aug. 7			2:20 a.m.	0.1	8:29 a.m.	2.9	2:28 p.m.	0.3	8:37 p.m.	3.2
Saturday Aug. 8			2:53 a.m.	0.1	9:03 a.m.	3.0	3:05 p.m.	0.4	9:11 p.m.	3.2

Sunrise: 5:57 am Sunset: 7:58 pm

<b>Sunday Aug. 9</b>			<b>3:25 a.m.</b>	<b>0.1</b>	<b>9:37 a.m.</b>	<b>3.0</b>	<b>3:42 p.m.</b>	<b>0.4</b>	<b>9:46 p.m.</b>	<b>3.0</b>
Monday Aug. 10			3:54 a.m.	0.2	10:12 a.m.	3.0	4:19 p.m.	0.5	10:26 p.m.	2.9
Tuesday Aug. 11			4:25 a.m.	0.2	10:52 a.m.	3.1	5:00 p.m.	0.5	11:12 p.m.	2.8
Wednesday Aug. 12			5:00 a.m.	0.3	11:39 a.m.	3.1	5:53 p.m.	0.7		
Thursday Aug. 13 	12:06 a.m.	2.7	5:46 a.m.	0.4	12:32 p.m.	3.2	7:07 p.m.	0.7		
Friday Aug. 14	1:05 a.m.	2.6	6:52 a.m.	0.5	1:31 p.m.	3.2	8:26 p.m.	0.6		
Saturday Aug. 15	2:10 a.m.	2.6	8:14 a.m.	0.5	2:36 p.m.	3.3	9:34 p.m.	0.4		

Sunrise: 6:03 am Sunset: 7:48 pm

<b>Sunday Aug. 16</b>	<b>3:20 a.m.</b>	<b>2.7</b>	<b>9:26 a.m.</b>	<b>0.3</b>	<b>3:47 p.m.</b>	<b>3.4</b>	<b>10:33 p.m.</b>	<b>0.2</b>		
Monday Aug. 17	4:30 a.m.	2.9	10:30 a.m.	0.1	4:54 p.m.	3.6	11:28 p.m.	0.0		
Tuesday Aug. 18	5:33 a.m.	3.1	11:29 a.m.	-0.1	5:54 p.m.	3.8				
Wednesday Aug. 19			12:21 a.m.	-0.2	6:29 a.m.	3.3	12:26 p.m.	-0.2	6:47 p.m.	3.9
Thursday Aug. 20 			1:11 a.m.	-0.4	7:21 a.m.	3.5	1:21 p.m.	-0.3	7:37 p.m.	3.9
Friday Aug. 21			1:59 a.m.	-0.4	8:10 a.m.	3.7	2:13 p.m.	-0.3	8:25 p.m.	3.8
Saturday Aug. 22			2:44 a.m.	-0.4	8:59 a.m.	3.7	3:03 p.m.	-0.2	9:14 p.m.	3.6

Sunrise: 6:10 am Sunset: 7:38 pm

<b>Sunday Aug. 23</b>			<b>3:27 a.m.</b>	<b>-0.4</b>	<b>9:49 a.m.</b>	<b>3.7</b>	<b>3:51 p.m.</b>	<b>-0.1</b>	<b>10:04 p.m.</b>	<b>3.3</b>
Monday Aug. 24			4:09 a.m.	-0.1	10:39 a.m.	3.5	4:40 p.m.	0.1	10:55 p.m.	3.1
Tuesday Aug. 25			4:52 a.m.	0.1	11:30 a.m.	3.4	5:31 p.m.	0.4	11:48 p.m.	2.9
Wednesday Aug. 26			5:37 a.m.	0.4	12:20 p.m.	3.2	6:29 p.m.	0.5		
Thursday Aug. 27 	12:41 a.m.	2.7	6:31 a.m.	0.6	1:11 p.m.	3.1	7:34 p.m.	0.7		
Friday Aug. 28	1:35 a.m.	2.5	7:35 a.m.	0.7	2:04 p.m.	3.0	8:39 p.m.	0.7		
Saturday Aug. 29	2:32 a.m.	2.4	8:40 a.m.	0.8	3:00 p.m.	2.9	9:35 p.m.	0.7		

Sunrise: 6:17 am Sunset: 7:27 pm

<b>Sunday Aug. 30</b>	<b>3:32 a.m.</b>	<b>2.4</b>	<b>9:37 a.m.</b>	<b>0.7</b>	<b>3:58 p.m.</b>	<b>3.0</b>	<b>10:24 p.m.</b>	<b>0.5</b>		
Monday Aug. 31	4:31 a.m.	2.5	10:27 a.m.	0.7	4:52 p.m.	3.0	11:08 p.m.	0.4		

# September 2009

Date	High		Low		High		Low		High	
	time	feet	time	feet	time	feet	time	feet	time	feet
Tuesday Sept. 1	5:23 a.m.	2.7	11:13 a.m.	0.5	5:40 p.m.	3.2	11:50 p.m.	0.3		
Wednesday Sept. 2	6:07 a.m.	2.9	11:58 a.m.	0.4	6:21 p.m.	3.2				
Thursday Sept. 3			12:29 a.m.	0.2	6:46 a.m.	3.0	12:41 p.m.	0.3	6:59 p.m.	3.3
Friday Sept. 4 			1:07 a.m.	0.1	7:22 a.m.	3.1	1:23 p.m.	0.2	7:34 p.m.	3.3
Saturday Sept. 5			1:43 a.m.	0.1	7:55 a.m.	3.2	2:04 p.m.	0.2	8:08 p.m.	3.2

Sunrise: 6:24 am Sunset: 7:16 pm

<b>Sunday Sept. 6</b>			<b>2:18 a.m.</b>	<b>0.1</b>	<b>8:27 a.m.</b>	<b>3.2</b>	<b>2:43 p.m.</b>	<b>0.2</b>	<b>8:42 p.m.</b>	<b>3.2</b>
Monday Sept. 7			2:50 a.m.	0.1	8:59 a.m.	3.3	3:21 p.m.	0.3	9:19 p.m.	3.0
Tuesday Sept. 8			3:23 a.m.	0.2	9:35 a.m.	3.3	4:00 p.m.	0.4	10:01 p.m.	2.9
Wednesday Sept. 9			3:57 a.m.	0.2	10:19 a.m.	3.3	4:44 p.m.	0.4	10:53 p.m.	2.8
Thursday Sept. 10			4:36 a.m.	0.4	11:11 a.m.	3.3	5:38 p.m.	0.5	11:52 p.m.	2.7
Friday Sept. 11			5:26 a.m.	0.5	12:12 p.m.	3.2	6:51 p.m.	0.6		
Saturday Sept. 12 	12:56 a.m.	2.6	6:39 a.m.	0.5	1:16 p.m.	3.2	8:10 p.m.	0.5		

Sunrise: 6:31 am Sunset: 7:04 pm

<b>Sunday Sept. 13</b>	<b>2:02 a.m.</b>	<b>2.7</b>	<b>8:05 a.m.</b>	<b>0.5</b>	<b>2:24 p.m.</b>	<b>3.3</b>	<b>9:18 p.m.</b>	<b>0.4</b>		
Monday Sept. 14	3:10 a.m.	2.8	9:18 a.m.	0.4	3:33 p.m.	3.3	10:15 p.m.	0.2		
Tuesday Sept. 15	4:17 a.m.	3.0	10:20 a.m.	0.2	4:39 p.m.	3.5	11:08 p.m.	-0.1		
Wednesday Sept. 16	5:18 a.m.	3.3	11:17 a.m.	-0.1	5:37 p.m.	3.7	11:57 p.m.	-0.2		
Thursday Sept. 17	6:11 a.m.	3.5	12:12 p.m.	-0.2	6:28 p.m.	3.7				
Friday Sept. 18 			12:44 a.m.	-0.4	7:00 a.m.	3.7	1:04 p.m.	-0.2	7:16 p.m.	3.7
Saturday Sept. 19			1:30 a.m.	-0.4	7:46 a.m.	3.8	1:54 p.m.	-0.2	8:02 p.m.	3.6

Sunrise: 6:38 am Sunset: 6:52 pm

<b>Sunday Sept. 20</b>			<b>2:13 a.m.</b>	<b>-0.3</b>	<b>8:31 a.m.</b>	<b>3.8</b>	<b>2:42 p.m.</b>	<b>-0.2</b>	<b>8:48 p.m.</b>	<b>3.4</b>
Monday Sept. 21			2:55 a.m.	-0.2	9:17 a.m.	3.7	3:28 p.m.	-0.1	9:36 p.m.	3.2
Tuesday Sept. 22			3:36 a.m.	0.0	10:04 a.m.	3.5	4:13 p.m.	0.1	10:26 p.m.	2.9
Wednesday Sept. 23			4:16 a.m.	0.3	10:53 a.m.	3.3	5:00 p.m.	0.4	11:19 p.m.	2.7
Thursday Sept. 24			4:58 a.m.	0.5	11:44 a.m.	3.2	5:52 p.m.	0.5		
Friday Sept. 25	12:13 a.m.	2.5	5:48 a.m.	0.7	12:35 p.m.	3.0	6:53 p.m.	0.7		
Saturday Sept. 26 	1:07 a.m.	2.5	6:53 a.m.	0.9	1:28 p.m.	2.9	7:59 p.m.	0.8		

Sunrise: 6:45 am Sunset: 6:40 pm

<b>Sunday Sept. 27</b>	<b>2:03 a.m.</b>	<b>2.4</b>	<b>8:04 a.m.</b>	<b>0.9</b>	<b>2:23 p.m.</b>	<b>2.9</b>	<b>8:58 p.m.</b>	<b>0.7</b>		
Monday Sept. 28	2:59 a.m.	2.5	9:06 a.m.	0.8	3:19 p.m.	2.9	9:47 p.m.	0.6		
Tuesday Sept. 29	3:56 a.m.	2.5	9:58 a.m.	0.7	4:13 p.m.	2.9	10:31 p.m.	0.4		
Wednesday Sept. 30	4:47 a.m.	2.7	10:45 a.m.	0.5	5:03 p.m.	3.0	11:11 p.m.	0.3		

# October 2009

Date	High		Low		High		Low		High	
	time	feet	time	feet	time	feet	time	feet	time	feet
Thursday Oct. 1	5:32 a.m.	2.9	11:30 a.m.	0.4	5:46 p.m.	3.1	11:50 p.m.	0.2		
Friday Oct. 2	6:11 a.m.	3.1	12:13 p.m.	0.3	6:26 p.m.	3.2				
Saturday Oct. 3			12:28 a.m.	0.1	6:47 a.m.	3.3	12:57 p.m.	0.2	7:03 p.m.	3.2
<i>Sunrise: 6:52 am Sunset: 6:29 pm</i>										
<b>Sunday Oct. 4</b> ☉			<b>1:05 a.m.</b>	<b>0.1</b>	<b>7:20 a.m.</b>	<b>3.4</b>	<b>1:39 p.m.</b>	<b>0.1</b>	<b>7:39 p.m.</b>	<b>3.2</b>
Monday Oct. 5			1:42 a.m.	0.1	7:54 a.m.	3.5	2:21 p.m.	0.1	8:17 p.m.	3.1
Tuesday Oct. 6			2:19 a.m.	0.1	8:29 a.m.	3.5	3:03 p.m.	0.1	8:58 p.m.	3.0
Wednesday Oct. 7			2:58 a.m.	0.1	9:10 a.m.	3.5	3:46 p.m.	0.2	9:46 p.m.	2.9
Thursday Oct. 8			3:38 a.m.	0.2	9:58 a.m.	3.4	4:34 p.m.	0.2	10:43 p.m.	2.7
Friday Oct. 9			4:24 a.m.	0.3	10:57 a.m.	3.3	5:30 p.m.	0.4	11:47 p.m.	2.7
Saturday Oct. 10			5:21 a.m.	0.4	12:02 p.m.	3.3	6:40 p.m.	0.4		
<i>Sunrise: 6:59 am Sunset: 6:18 pm</i>										
<b>Sunday Oct. 11</b> ☾	<b>12:51 a.m.</b>	<b>2.7</b>	<b>6:36 a.m.</b>	<b>0.5</b>	<b>1:07 p.m.</b>	<b>3.2</b>	<b>7:54 p.m.</b>	<b>0.4</b>		
Monday Oct. 12	1:55 a.m.	2.7	7:58 a.m.	0.5	2:12 p.m.	3.2	8:58 p.m.	0.2		
Tuesday Oct. 13	2:59 a.m.	2.9	9:08 a.m.	0.4	3:17 p.m.	3.2	9:54 p.m.	0.1		
Wednesday Oct. 14	4:02 a.m.	3.1	10:09 a.m.	0.1	4:19 p.m.	3.3	10:44 p.m.	-0.1		
Thursday Oct. 15	4:59 a.m.	3.3	11:04 a.m.	0.0	5:16 p.m.	3.3	11:30 p.m.	-0.2		
Friday Oct. 16	5:51 a.m.	3.6	11:56 a.m.	-0.1	6:07 p.m.	3.4				
Saturday Oct. 17			12:16 a.m.	-0.3	6:38 a.m.	3.8	12:46 p.m.	-0.2	6:54 p.m.	3.3
<i>Sunrise: 7:07 am Sunset: 6:07 pm</i>										
<b>Sunday Oct. 18</b> ●			<b>1:00 a.m.</b>	<b>-0.2</b>	<b>7:22 a.m.</b>	<b>3.8</b>	<b>1:35 p.m.</b>	<b>-0.2</b>	<b>7:39 p.m.</b>	<b>3.3</b>
Monday Oct. 19			1:43 a.m.	-0.2	8:04 a.m.	3.8	2:21 p.m.	-0.2	8:24 p.m.	3.1
Tuesday Oct. 20			2:25 a.m.	0.0	8:46 a.m.	3.7	3:05 p.m.	-0.1	9:10 p.m.	2.9
Wednesday Oct. 21			3:05 a.m.	0.2	9:30 a.m.	3.4	3:47 p.m.	0.1	9:58 p.m.	2.7
Thursday Oct. 22			3:45 a.m.	0.4	10:17 a.m.	3.2	4:30 p.m.	0.3	10:50 p.m.	2.6
Friday Oct. 23			4:25 a.m.	0.5	11:07 a.m.	3.0	5:16 p.m.	0.5	11:44 p.m.	2.5
Saturday Oct. 24			5:11 a.m.	0.7	11:59 a.m.	2.9	6:09 p.m.	0.6		
<i>Sunrise: 7:15 am Sunset: 5:57 pm</i>										
<b>Sunday Oct. 25</b>	<b>12:37 a.m.</b>	<b>2.4</b>	<b>6:08 a.m.</b>	<b>0.8</b>	<b>12:50 p.m.</b>	<b>2.8</b>	<b>7:10 p.m.</b>	<b>0.7</b>		
Monday Oct. 26	1:29 a.m.	2.4	7:19 a.m.	0.9	1:42 p.m.	2.7	8:10 p.m.	0.7		
Tuesday Oct. 27	2:21 a.m.	2.4	8:27 a.m.	0.8	2:34 p.m.	2.7	9:02 p.m.	0.5		
Wednesday Oct. 28	3:13 a.m.	2.5	9:23 a.m.	0.7	3:26 p.m.	2.7	9:46 p.m.	0.4		
Thursday Oct. 29	4:03 a.m.	2.7	10:13 a.m.	0.5	4:18 p.m.	2.8	10:27 p.m.	0.2		
Friday Oct. 30	4:49 a.m.	2.9	10:59 a.m.	0.4	5:06 p.m.	2.9	11:07 p.m.	0.1		
Saturday Oct. 31	5:32 a.m.	3.2	11:45 a.m.	0.2	5:51 p.m.	2.9	11:47 p.m.	0.1		

# November 2009

Date	High		Low		High		Low		High	
	time	feet								

Sunrise: 6:23 am Sunset: 4:48 pm

<b>Sunday</b> * <b>Nov. 1</b>	<b>5:11 a.m.</b>	<b>3.3</b>	<b>11:30 a.m.</b>	<b>0.1</b>	<b>5:33 p.m.</b>	<b>3.0</b>	<b>11:28 p.m.</b>	<b>0.0</b>		
Monday Nov. 2 	5:48 a.m.	3.5	12:16 p.m.	-0.1	6:14 p.m.	3.0				
Tuesday Nov. 3			12:11 a.m.	-0.1	6:27 a.m.	3.6	1:02 p.m.	-0.1	6:57 p.m.	3.0
Wednesday Nov. 4			12:55 a.m.	-0.1	7:08 a.m.	3.7	1:48 p.m.	-0.1	7:44 p.m.	2.9
Thursday Nov. 5			1:40 a.m.	0.0	7:55 a.m.	3.6	2:35 p.m.	-0.1	8:37 p.m.	2.8
Friday Nov. 6			2:28 a.m.	0.1	8:48 a.m.	3.5	3:25 p.m.	0.0	9:37 p.m.	2.7
Saturday Nov. 7			3:19 a.m.	0.1	9:49 a.m.	3.3	4:21 p.m.	0.1	10:40 p.m.	2.7

Sunrise: 6:31 am Sunset: 4:40 pm

<b>Sunday</b> <b>Nov. 8</b>			<b>4:19 a.m.</b>	<b>0.2</b>	<b>10:53 a.m.</b>	<b>3.3</b>	<b>5:24 p.m.</b>	<b>0.2</b>	<b>11:42 p.m.</b>	<b>2.8</b>
Monday Nov. 9 			5:30 a.m.	0.4	11:55 a.m.	3.2	6:31 p.m.	0.1		
Tuesday Nov. 10	12:42 a.m.	2.9	6:46 a.m.	0.4	12:56 p.m.	3.1	7:33 p.m.	0.1		
Wednesday Nov. 11	1:42 a.m.	3.0	7:55 a.m.	0.2	1:56 p.m.	3.0	8:28 p.m.	-0.1		
Thursday Nov. 12	2:41 a.m.	3.2	8:54 a.m.	0.1	2:56 p.m.	3.0	9:17 p.m.	-0.1		
Friday Nov. 13	3:37 a.m.	3.3	9:49 a.m.	0.0	3:54 p.m.	3.0	10:03 p.m.	-0.2		
Saturday Nov. 14	4:29 a.m.	3.5	10:40 a.m.	-0.1	4:46 p.m.	3.0	10:48 p.m.	-0.2		

Sunrise: 6:39 am Sunset: 4:34 pm

<b>Sunday</b> <b>Nov. 15</b>	<b>5:15 a.m.</b>	<b>3.6</b>	<b>11:28 a.m.</b>	<b>-0.2</b>	<b>5:34 p.m.</b>	<b>3.0</b>	<b>11:33 p.m.</b>	<b>-0.1</b>		
Monday Nov. 16 	5:58 a.m.	3.6	12:15 p.m.	-0.2	6:19 p.m.	2.9				
Tuesday Nov. 17			12:16 a.m.	-0.1	6:40 a.m.	3.5	1:00 p.m.	-0.1	7:03 p.m.	2.9
Wednesday Nov. 18			12:59 a.m.	0.1	7:21 a.m.	3.4	1:43 p.m.	-0.1	7:47 p.m.	2.7
Thursday Nov. 19			1:40 a.m.	0.2	8:02 a.m.	3.3	2:24 p.m.	0.0	8:33 p.m.	2.6
Friday Nov. 20			2:20 a.m.	0.3	8:46 a.m.	3.1	3:04 p.m.	0.1	9:21 p.m.	2.5
Saturday Nov. 21			2:59 a.m.	0.4	9:33 a.m.	2.9	3:44 p.m.	0.3	10:12 p.m.	2.4

Sunrise: 6:47 am Sunset: 4:29 pm

<b>Sunday</b> <b>Nov. 22</b>			<b>3:40 a.m.</b>	<b>0.5</b>	<b>10:21 a.m.</b>	<b>2.8</b>	<b>4:28 p.m.</b>	<b>0.4</b>	<b>11:01 p.m.</b>	<b>2.4</b>
Monday Nov. 23			4:26 a.m.	0.7	11:08 a.m.	2.7	5:16 p.m.	0.5	11:49 p.m.	2.4
Tuesday Nov. 24 			5:26 a.m.	0.8	11:55 a.m.	2.6	6:10 p.m.	0.5		
Wednesday Nov. 25	12:35 a.m.	2.4	6:36 a.m.	0.8	12:43 p.m.	2.5	7:05 p.m.	0.4		
Thursday Nov. 26	1:22 a.m.	2.5	7:41 a.m.	0.7	1:33 p.m.	2.5	7:54 p.m.	0.4		
Friday Nov. 27	2:11 a.m.	2.7	8:36 a.m.	0.5	2:27 p.m.	2.5	8:40 p.m.	0.2		
Saturday Nov. 28	3:00 a.m.	2.9	9:27 a.m.	0.3	3:22 p.m.	2.5	9:25 p.m.	0.1		

Sunrise: 6:55 am Sunset: 4:26 pm

<b>Sunday</b> <b>Nov. 29</b>	<b>3:49 a.m.</b>	<b>3.1</b>	<b>10:16 a.m.</b>	<b>0.1</b>	<b>4:15 p.m.</b>	<b>2.7</b>	<b>10:10 p.m.</b>	<b>0.0</b>		
Monday Nov. 30	4:36 a.m.	3.3	11:05 a.m.	-0.1	5:05 p.m.	2.7	10:57 p.m.	-0.1		

\* Daylight Saving Time ends

# December 2009

Date	High		Low		High		Low		High	
	time	feet	time	feet	time	feet	time	feet	time	feet
Tuesday Dec. 1	5:22 a.m.	3.5	11:55 a.m.	-0.2	5:53 p.m.	2.9	11:47 p.m.	-0.2		
Wednesday Dec. 2	6:07 a.m.	3.6	12:45 p.m.	-0.3	6:42 p.m.	2.9				
Thursday Dec. 3			12:37 a.m.	-0.2	6:55 a.m.	3.7	1:34 p.m.	-0.4	7:32 p.m.	2.9
Friday Dec. 4			1:28 a.m.	-0.2	7:45 a.m.	3.6	2:23 p.m.	-0.4	8:27 p.m.	2.9
Saturday Dec. 5			2:20 a.m.	-0.2	8:40 a.m.	3.5	3:13 p.m.	-0.3	9:26 p.m.	2.9

Sunrise: 7:02 am Sunset: 4:24 pm

<b>Sunday Dec. 6</b>			<b>3:13 a.m.</b>	<b>-0.1</b>	<b>9:39 a.m.</b>	<b>3.4</b>	<b>4:04 p.m.</b>	<b>-0.2</b>	<b>10:26 p.m.</b>	<b>2.9</b>
Monday Dec. 7			4:10 a.m.	0.0	10:39 a.m.	3.2	5:00 p.m.	-0.2	11:25 p.m.	2.9
Tuesday Dec. 8			5:15 a.m.	0.1	11:37 a.m.	3.1	6:01 p.m.	-0.1		
Wednesday Dec. 9	12:22 a.m.	3.0	6:26 a.m.	0.2	12:34 p.m.	2.9	7:01 p.m.	-0.1		
Thursday Dec. 10	1:19 a.m.	3.0	7:35 a.m.	0.2	1:31 p.m.	2.7	7:57 p.m.	-0.1		
Friday Dec. 11	2:15 a.m.	3.1	8:36 a.m.	0.1	2:31 p.m.	2.7	8:49 p.m.	-0.1		
Saturday Dec. 12	3:12 a.m.	3.2	9:31 a.m.	0.1	3:30 p.m.	2.6	9:37 p.m.	-0.1		

Sunrise: 7:08 am Sunset: 4:25 pm

<b>Sunday Dec. 13</b>	<b>4:05 a.m.</b>	<b>3.3</b>	<b>10:22 a.m.</b>	<b>-0.1</b>	<b>4:26 p.m.</b>	<b>2.6</b>	<b>10:24 p.m.</b>	<b>-0.1</b>		
Monday Dec. 14	4:54 a.m.	3.3	11:10 a.m.	-0.1	5:16 p.m.	2.6	11:09 p.m.	-0.1		
Tuesday Dec. 15	5:38 a.m.	3.3	11:56 a.m.	-0.1	6:02 p.m.	2.7	11:54 p.m.	0.0		
Wednesday Dec. 16	6:20 a.m.	3.3	12:40 p.m.	-0.1	6:45 p.m.	2.6				
Thursday Dec. 17			12:38 a.m.	0.1	7:00 a.m.	3.2	1:21 p.m.	-0.1	7:27 p.m.	2.6
Friday Dec. 18			1:19 a.m.	0.1	7:40 a.m.	3.2	2:01 p.m.	-0.1	8:09 p.m.	2.5
Saturday Dec. 19			1:58 a.m.	0.2	8:20 a.m.	3.0	2:38 p.m.	0.0	8:52 p.m.	2.4

Sunrise: 7:12 am Sunset: 4:27 pm

<b>Sunday Dec. 20</b>			<b>2:36 a.m.</b>	<b>0.2</b>	<b>9:01 a.m.</b>	<b>2.9</b>	<b>3:14 p.m.</b>	<b>0.1</b>	<b>9:36 p.m.</b>	<b>2.4</b>
Monday Dec. 21			3:13 a.m.	0.4	9:42 a.m.	2.8	3:49 p.m.	0.1	10:20 p.m.	2.4
Tuesday Dec. 22			3:52 a.m.	0.5	10:24 a.m.	2.7	4:25 p.m.	0.2	11:02 p.m.	2.4
Wednesday Dec. 23			4:38 a.m.	0.5	11:07 a.m.	2.5	5:06 p.m.	0.3	11:44 p.m.	2.5
Thursday Dec. 24			5:38 a.m.	0.6	11:52 a.m.	2.4	5:55 p.m.	0.3		
Friday Dec. 25	12:27 a.m.	2.5	6:50 a.m.	0.6	12:41 p.m.	2.4	6:52 p.m.	0.3		
Saturday Dec. 26	1:15 a.m.	2.7	7:56 a.m.	0.5	1:37 p.m.	2.3	7:50 p.m.	0.2		

Sunrise: 7:15 am Sunset: 4:31 pm

<b>Sunday Dec. 27</b>	<b>2:09 a.m.</b>	<b>2.8</b>	<b>8:55 a.m.</b>	<b>0.3</b>	<b>2:40 p.m.</b>	<b>2.4</b>	<b>8:46 p.m.</b>	<b>0.1</b>		
Monday Dec. 28	3:07 a.m.	3.0	9:49 a.m.	0.1	3:43 p.m.	2.4	9:40 p.m.	-0.1		
Tuesday Dec. 29	4:06 a.m.	3.2	10:42 a.m.	-0.1	4:42 p.m.	2.6	10:34 p.m.	-0.2		
Wednesday Dec. 30	5:01 a.m.	3.4	11:35 a.m.	-0.3	5:36 p.m.	2.7	11:29 p.m.	-0.3		
Thursday Dec. 31	5:53 a.m.	3.6	12:27 p.m.	-0.4	6:27 p.m.	2.9				

*Fire Island National Seashore has been monitoring the status of the following species that depend on coastal habitats since 1986:*

## Threatened and Endangered Species Protection Measures on Fire Island

The National Park Service's requirement to protect endangered and threatened species and their habitats has seasonal impacts on driving, beach users and the communities within park boundaries.



**Seabeach Amaranth**  
Federally threatened



**Seabeach Knotweed**  
NY State listed rare

### Spring

In early spring, piping plovers begin to arrive on Fire Island. By April, suitable piping plover habitat is marked and protected with symbolic fencing. Piping plovers are monitored daily beginning in early spring, while breeding and nesting take place from April through June. Nest monitoring occurs once a full nest clutch of 4 eggs is observed. As nests are established, NPS staff construct predator exclosures around the nest to protect both nest and eggs.



Plover nesting area at Fire Island Lighthouse beach.

### Summer

Piping plover nests begin to hatch in early summer once eggs have reached the 27 day incubation period. In accordance with recovery effort guidelines, off-road vehicle restrictions are implemented once this occurs to ensure the safety of the newborn chicks. This typically lasts until the end of the piping plover season. The piping plover season culminates in August. This is the period when most chicks have reached 25 days of age, have begun to fly and are considered fledged.

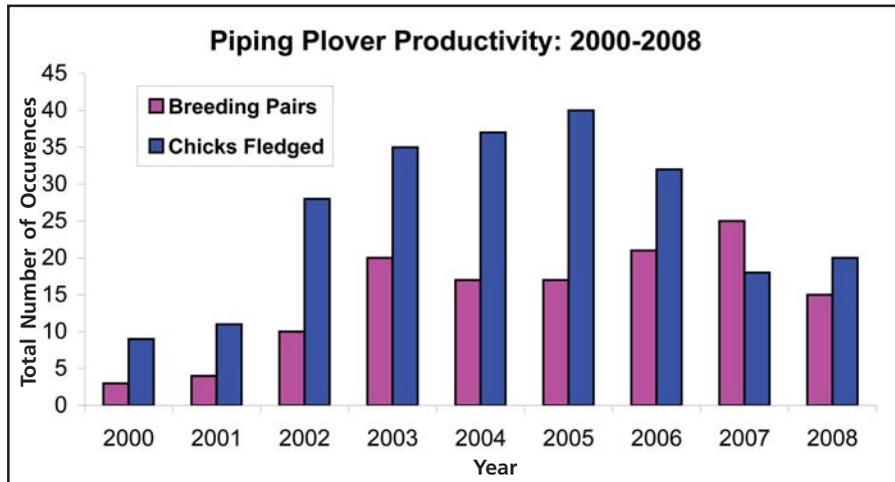
### Fall

Symbolic fencing remains in place through the fall to protect threatened and endangered vegetative species. Seabeach amaranth and seabeach knotweed, two protected species, occur along the shoreline of Fire Island and are inventoried by resource management personnel.



**Piping Plover**  
Federally threatened,  
NY State endangered

*Other T&E protection measures include population counts for waterbird species such as least tern, common tern, roseate tern, and black skimmer.*



# Fire Island Driving Distances

(in miles)

	Robert Moses State Park Bridge	Fire Island Lighthouse	Kismet	Saltaire	Fair Harbor	Atlantique	Robbins Rest	Ocean Beach	Seaview	Ocean Bay Park	Point O'Woods	Sunken Forest	Sailors Haven	Cherry Grove	Fire Island Pines	Barrett Beach/Talisman	Water Island	Davis Park	Watch Hill	Long Cove	Bellport Beach	Old Inlet	Wilderness VC	Moriches Inlet
Fire Island Inlet	2.4	4.7	5.6	5.9	6.7	7.3	7.8	8.2	8.6	9.1	9.5	10.4	10.9	11.8	12.9	14.3	15.1	16.6	17.5	18.3	21.2	22.9	24.6	30.7
Robert Moses State Park Bridge		2.3	3.2	3.5	4.3	4.9	5.4	5.8	6.2	6.7	7.1	8.0	8.5	9.4	10.5	11.9	12.7	14.2	15.1	15.9	18.8	20.5	22.2	28.3
Fire Island Lighthouse			0.9	1.2	2.0	2.6	3.1	3.5	3.9	4.4	4.8	5.7	6.2	7.1	8.2	9.6	10.4	11.9	12.8	13.6	16.5	18.2	19.9	26.0
Kismet				0.3	1.1	1.7	2.2	2.6	3.0	3.5	3.9	4.8	5.3	6.2	7.3	8.7	9.5	11.0	11.9	12.7	15.6	17.3	19.0	25.1
Saltaire					0.8	1.4	1.9	2.3	2.7	3.2	3.6	4.5	5.0	5.9	7.0	8.4	9.2	10.7	11.6	12.4	15.3	17.0	18.7	24.8
Fair Harbor						0.6	1.1	1.5	1.9	2.4	2.8	3.7	4.2	5.1	6.2	7.6	8.4	9.9	10.8	11.6	14.5	16.2	17.9	24.0
Atlantique							0.5	0.9	1.3	1.8	2.2	3.1	3.6	4.5	5.6	7.0	7.8	9.3	10.2	11.0	13.9	15.6	17.3	23.4
Robbins Rest								0.4	0.8	1.3	1.7	2.6	3.1	4.0	5.1	6.5	7.3	8.8	9.7	10.5	13.4	15.1	16.8	22.9
Ocean Beach									0.4	0.9	1.3	2.2	2.7	3.6	4.7	6.1	6.9	8.4	9.3	10.1	13.0	14.7	16.4	22.5
Seaview										0.5	0.9	1.8	2.3	3.2	4.3	5.7	6.5	8.0	8.9	9.7	12.6	14.3	16.0	22.1
Ocean Bay Park											0.4	1.3	1.8	2.7	3.8	5.2	6.0	7.5	8.4	9.2	12.1	13.8	15.5	21.6
Point O'Woods												0.9	1.4	2.3	3.4	4.8	5.6	7.1	8.0	8.8	11.7	13.4	15.1	21.2
Sunken Forest													0.5	1.4	2.5	3.9	4.7	6.2	7.1	7.9	10.8	12.5	14.2	20.3
Sailors Haven														0.9	2.0	3.4	4.2	5.7	6.6	7.4	10.3	12.0	13.7	19.8
Cherry Grove															1.1	2.5	3.3	4.8	5.7	6.5	9.4	11.1	12.8	18.9
Fire Island Pines																1.4	2.2	3.7	4.6	5.4	8.3	10.0	11.7	17.8
Barrett Beach/Talisman																	0.8	2.3	3.2	4.0	6.9	8.6	10.3	16.4
Water Island																		1.5	2.4	3.2	6.1	7.8	9.5	15.6
Davis Park																			0.9	1.7	4.6	6.3	8.0	14.1
Watch Hill																				0.8	3.7	5.4	7.1	13.2
Long Cove																					2.9	4.6	6.3	12.4
Bellport Beach																						1.7	3.4	9.5
Old Inlet																							1.7	7.8
Wilderness Visitor Center/Smith Point Bridge																								6.1



National Park Service  
U.S. Department of the Interior

Fire Island National Seashore  
120 Laurel Street  
Patchogue, New York 11772  
phone: 631-687-4750  
[www.nps.gov/fiis](http://www.nps.gov/fiis)



Poison ivy can cause an irritating rash even before its distinctive "leaves of three" emerge.



A "questing" tick waits for a host near the end of a blade of grass.



Help keep wildlife wild.  
Use a camera or binoculars from a distance for a close-up view of animals.  
Never feed deer or other wild animals.

## Enjoy Fire Island Safely

Please follow these safety guidelines for an enjoyable visit:

- Stay on the boardwalk to avoid poison ivy.
- Wear shoes on boardwalks to avoid splinters.
- Avoid grassy areas and check yourself frequently for ticks.
- Use sunscreen and insect repellent as needed.
- Follow safe boating procedures and etiquette, and wear life jackets.
- Swim in life-guarded areas.
- Watch for rapid changes in weather conditions and lightning when on or near the water.

## Adhere to all Park Rules

All natural and cultural features within Fire Island National Seashore are protected by law. Thank you for respecting regulations.

- Stay off the dunes and do not damage plants.
- Do not feed, touch, or harass wildlife; animals can be unpredictable and dangerous.
- When and where permitted, pets must be on a 6-foot leash and under physical control.
- Pets, kites, and glass containers are not permitted on life-guarded beaches.
- Stay out of all areas fenced for wildlife and plant protection.
- Metal detectors may not be possessed on park lands.
- Dispose of trash properly. Day use visitors are asked to participate in the park's Carry-In, Carry-Out program to reduce garbage on the island.
- Fire Island personal watercraft (PWC) use is only permitted in the marked channels into some communities. PWCs must remain at least 1,000 feet away from shore in the Atlantic Ocean; in the bay, PWCs must be 1,000 feet away from shore on the western end of Fire Island, and 4,000 feet away from the shore east of the western boundary of Sunken Forest. PWCs are not permitted into Sailors Haven, Barrett Beach/Talisman, Watch Hill or Old Inlet.
- Additional regulations are enforced.

