

National Park Service  
U.S. Department of the Interior

Fire Island National Seashore  
Long Island, New York



# 2010 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 annual Tide Tables booklet is a tradition at Fire Island National Seashore. It is provided as a benefit to all park users but is prepared primarily for individuals who have obtained permits to drive off-road vehicles on Fire Island's beach. The beach is a dynamic system that is constantly changing. Every tide provides a new scenic landscape. To protect that landscape and maintain Fire Island's remote character and natural resources, beach driving is limited.

From Long Island, New York to Brownsville, Texas, a string of barrier islands are located along the United States coastline. Barrier islands are large dynamic sandbars, which are constantly moving and changing. They are shaped by tides, wave action, off-shore sand movement, and human manipulation. Fire Island is one of five barrier islands along the south shore of Long 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.

Fire Island is 32 miles long with a south-facing shoreline and has been migrating from the east to the west. In 1826, the first Fire Island Lighthouse was built on the western end of the island. Today, the Fire Island Inlet is more than 5 miles west of the Lighthouse. The beach is constantly changing due to cyclic erosion and accretion of sand.

The dunes are the backbone of this dynamic barrier island that buffers Long Island from the forces of the Atlantic Ocean. Naturally formed dunes consist of multiple layers of sand held together by the roots and rhizomes of beach grass. Foot and/or vehicle traffic easily damages beach grass and its roots. To protect Fire Island's dunes always use designated dune crossings and never drive within twenty feet of the base of the dunes or the vegetation line.

Driving permits are required 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. Beach driving is permitted 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 with the park's boundaries.

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



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 12) as a means of access for fishing or hunting. Permits are issued 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. The cost of these permits is \$50.00. 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. 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 information.



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.

## 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.

Today 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 homes 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.



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



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.



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 Stations

All vehicles must access Fire Island National Seashore through check stations only.

## 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

Access other than through the check station, riding on tailgates or bumpers, and building fires are prohibited. Letting dogs off leash is not allowed. Feeding wildlife and use of 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 15 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 2010.

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 2010

Date	High		Low		High		Low		High	
	time	feet	time	feet	time	feet	time	feet	time	feet
Friday Jan. 1			12:24 a.m.	-0.5	6:43 a.m.	3.7	1:16 p.m.	-0.6	7:19 p.m.	3.0
Saturday Jan. 2			1:17 a.m.	-0.5	7:34 a.m.	3.7	2:05 p.m.	-0.7	8:12 p.m.	3.1

Sunrise: 7:15 am Sunset: 4:36 pm

<b>Sunday Jan. 3</b>			<b>2:09 a.m.</b>	<b>-0.5</b>	<b>8:27 a.m.</b>	<b>3.6</b>	<b>2:52 p.m.</b>	<b>-0.7</b>	<b>9:07 p.m.</b>	<b>3.1</b>
Monday Jan. 4			3:01 a.m.	-0.4	9:21 a.m.	3.4	3:39 p.m.	-0.5	10:04 p.m.	3.1
Tuesday Jan. 5			3:55 a.m.	-0.2	10:17 a.m.	3.2	4:29 p.m.	-0.4	10:59 p.m.	3.1
Wednesday Jan. 6			4:53 a.m.	-0.1	11:12 a.m.	3.0	5:23 p.m.	-0.2	11:54 p.m.	3.0
Thursday Jan. 7 			5:59 a.m.	0.1	12:07 p.m.	2.7	6:22 p.m.	-0.1		
Friday Jan. 8	12:48 a.m.	3.0	7:08 a.m.	0.2	1:03 p.m.	2.5	7:23 p.m.	0.0		
Saturday Jan. 9	1:44 a.m.	3.0	8:12 a.m.	0.2	2:03 p.m.	2.4	8:20 p.m.	0.1		

Sunrise: 7:15 am Sunset: 4:43 pm

<b>Sunday Jan. 10</b>	<b>2:42 a.m.</b>	<b>2.9</b>	<b>9:09 a.m.</b>	<b>0.1</b>	<b>3:05 p.m.</b>	<b>2.4</b>	<b>9:13 p.m.</b>	<b>0.1</b>		
Monday Jan. 11	3:39 a.m.	3.0	10:01 a.m.	0.1	4:05 p.m.	2.4	10:02 p.m.	0.1		
Tuesday Jan. 12	4:32 a.m.	3.0	10:49 a.m.	0.0	4:57 p.m.	2.4	10:50 p.m.	0.1		
Wednesday Jan. 13	5:19 a.m.	3.0	11:34 a.m.	-0.1	5:44 p.m.	2.5	11:35 p.m.	0.1		
Thursday Jan. 14	6:01 a.m.	3.1	12:17 p.m.	-0.1	6:26 p.m.	2.6				
Friday Jan. 15 			12:18 a.m.	0.0	6:41 a.m.	3.1	12:57 p.m.	-0.2	7:05 p.m.	2.6
Saturday Jan. 16			1:00 a.m.	0.0	7:18 a.m.	3.1	1:34 p.m.	-0.2	7:44 p.m.	2.6

Sunrise: 7:12 am Sunset: 4:50 pm

<b>Sunday Jan. 17</b>			<b>1:38 a.m.</b>	<b>0.1</b>	<b>7:55 a.m.</b>	<b>3.0</b>	<b>2:09 p.m.</b>	<b>-0.1</b>	<b>8:21 p.m.</b>	<b>2.6</b>
Monday Jan. 18			2:15 a.m.	0.1	8:31 a.m.	2.9	2:41 p.m.	-0.1	8:58 p.m.	2.5
Tuesday Jan. 19			2:51 a.m.	0.2	9:07 a.m.	2.7	3:12 p.m.	0.0	9:35 p.m.	2.5
Wednesday Jan. 20			3:26 a.m.	0.2	9:44 a.m.	2.6	3:42 p.m.	0.1	10:12 p.m.	2.5
Thursday Jan. 21			4:04 a.m.	0.4	10:25 a.m.	2.5	4:14 p.m.	0.1	10:51 p.m.	2.6
Friday Jan. 22			4:52 a.m.	0.5	11:10 a.m.	2.4	4:54 p.m.	0.2	11:37 p.m.	2.7
Saturday Jan. 23 			6:00 a.m.	0.5	12:02 p.m.	2.3	5:53 p.m.	0.2		

Sunrise: 7:08 am Sunset: 4:59 pm

<b>Sunday Jan. 24</b>	<b>12:29 a.m.</b>	<b>2.7</b>	<b>7:19 a.m.</b>	<b>0.5</b>	<b>1:02 p.m.</b>	<b>2.2</b>	<b>7:08 p.m.</b>	<b>0.2</b>		
Monday Jan. 25	1:29 a.m.	2.9	8:26 a.m.	0.3	2:09 p.m.	2.3	8:17 p.m.	0.1		
Tuesday Jan. 26	2:36 a.m.	3.0	9:25 a.m.	0.1	3:18 p.m.	2.4	9:19 p.m.	-0.1		
Wednesday Jan. 27	3:43 a.m.	3.2	10:21 a.m.	-0.1	4:22 p.m.	2.6	10:18 p.m.	-0.2		
Thursday Jan. 28	4:44 a.m.	3.4	11:14 a.m.	-0.4	5:19 p.m.	2.9	11:15 p.m.	-0.4		
Friday Jan. 29	5:38 a.m.	3.6	12:06 p.m.	-0.5	6:11 p.m.	3.1				
Saturday Jan. 30 			12:10 a.m.	-0.6	6:29 a.m.	3.7	12:55 p.m.	-0.7	7:02 p.m.	3.3

Sunrise: 7:02 am Sunset: 5:07 pm

<b>Sunday Jan. 31</b>			<b>1:03 a.m.</b>	<b>-0.7</b>	<b>7:18 a.m.</b>	<b>3.7</b>	<b>1:42 p.m.</b>	<b>-0.8</b>	<b>7:52 p.m.</b>	<b>3.3</b>
-----------------------	--	--	------------------	-------------	------------------	------------	------------------	-------------	------------------	------------

# February 2010

Date	High		Low		High		Low		High	
	time	feet	time	feet	time	feet	time	feet	time	feet
Monday Feb. 1			1:55 a.m.	-0.7	8:09 a.m.	3.6	2:28 p.m.	-0.7	8:44 p.m.	3.4
Tuesday Feb. 2			2:45 a.m.	-0.5	9:00 a.m.	3.4	3:12 p.m.	-0.6	9:38 p.m.	3.3
Wednesday Feb. 3			3:36 a.m.	-0.4	9:54 a.m.	3.2	3:58 p.m.	-0.4	10:31 p.m.	3.2
Thursday Feb. 4			4:30 a.m.	-0.1	10:48 a.m.	2.9	4:48 p.m.	-0.2	11:24 p.m.	3.1
Friday Feb. 5 			5:30 a.m.	0.1	11:42 a.m.	2.6	5:44 p.m.	0.1		
Saturday Feb. 6	12:18 a.m.	3.0	6:38 a.m.	0.2	12:38 p.m.	2.4	6:48 p.m.	0.2		

Sunrise: 6:55 am Sunset: 5:16 pm

<b>Sunday Feb. 7</b>	<b>1:13 a.m.</b>	<b>2.9</b>	<b>7:45 a.m.</b>	<b>0.3</b>	<b>1:37 p.m.</b>	<b>2.3</b>	<b>7:52 p.m.</b>	<b>0.4</b>		
Monday Feb. 8	2:11 a.m.	2.7	8:45 a.m.	0.3	2:40 p.m.	2.2	8:50 p.m.	0.3		
Tuesday Feb. 9	3:12 a.m.	2.7	9:37 a.m.	0.2	3:42 p.m.	2.3	9:41 p.m.	0.2		
Wednesday Feb. 10	4:08 a.m.	2.8	10:24 a.m.	0.1	4:36 p.m.	2.4	10:29 p.m.	0.2		
Thursday Feb. 11	4:57 a.m.	2.9	11:08 a.m.	0.1	5:22 p.m.	2.5	11:14 p.m.	0.1		
Friday Feb. 12	5:39 a.m.	3.0	11:49 a.m.	-0.1	6:03 p.m.	2.7	11:57 p.m.	0.1		
Saturday Feb. 13 	6:18 a.m.	3.0	12:27 p.m.	-0.1	6:40 p.m.	2.7				

Sunrise: 6:46 am Sunset: 5:24 pm

<b>Sunday Feb. 14</b>			<b>12:38 a.m.</b>	<b>0.0</b>	<b>6:54 a.m.</b>	<b>3.0</b>	<b>1:04 p.m.</b>	<b>-0.1</b>	<b>7:15 p.m.</b>	<b>2.8</b>
Monday Feb. 15			1:17 a.m.	0.0	7:28 a.m.	3.0	1:37 p.m.	-0.1	7:49 p.m.	2.8
Tuesday Feb. 16			1:54 a.m.	0.0	8:02 a.m.	2.9	2:09 p.m.	-0.1	8:20 p.m.	2.8
Wednesday Feb. 17			2:29 a.m.	0.1	8:25 a.m.	2.8	2:38 p.m.	-0.1	8:51 p.m.	2.8
Thursday Feb. 18			3:03 a.m.	0.1	9:11 a.m.	2.7	3:06 p.m.	0.1	9:25 p.m.	2.8
Friday Feb. 19			3:39 a.m.	0.2	9:51 a.m.	2.5	3:37 p.m.	0.1	10:07 p.m.	2.9
Saturday Feb. 20			4:21 a.m.	0.4	10:40 a.m.	2.4	4:16 p.m.	0.2	10:57 p.m.	2.9

Sunrise: 6:37 am Sunset: 5:33 pm

<b>Sunday Feb. 21</b> 			<b>5:22 a.m.</b>	<b>0.4</b>	<b>11:35 a.m.</b>	<b>2.4</b>	<b>5:12 p.m.</b>	<b>0.3</b>	<b>11:55 p.m.</b>	<b>2.9</b>
Monday Feb. 22			6:45 a.m.	0.5	12:38 p.m.	2.4	6:35 p.m.	0.4		
Tuesday Feb. 23	1:00 a.m.	2.9	8:00 a.m.	0.4	1:47 p.m.	2.4	7:56 p.m.	0.2		
Wednesday Feb. 24	2:11 a.m.	3.0	9:03 a.m.	0.1	2:58 p.m.	2.5	9:03 p.m.	0.0		
Thursday Feb. 25	3:22 a.m.	3.2	9:59 a.m.	-0.1	4:03 p.m.	2.8	10:03 p.m.	-0.2		
Friday Feb. 26	4:25 a.m.	3.4	10:51 a.m.	-0.4	5:01 p.m.	3.1	11:00 p.m.	-0.4		
Saturday Feb. 27	5:20 a.m.	3.6	11:42 a.m.	-0.5	5:53 p.m.	3.3	11:55 p.m.	-0.6		

Sunrise: 6:26 am Sunset: 5:41 pm

<b>Sunday Feb. 28</b> 	<b>6:11 a.m.</b>	<b>3.7</b>	<b>12:30 p.m.</b>	<b>-0.7</b>	<b>6:42 p.m.</b>	<b>3.6</b>				
---	------------------	------------	-------------------	-------------	------------------	------------	--	--	--	--

# March 2010

Date	High		Low		High		Low		High	
	time	feet	time	feet	time	feet	time	feet	time	feet
Monday Mar. 1			12:48 a.m.	-0.7	7:00 a.m.	3.7	1:16 p.m.	-0.7	7:30 p.m.	3.7
Tuesday Mar. 2			1:38 a.m.	-0.7	7:48 a.m.	3.5	2:01 p.m.	-0.7	8:19 p.m.	3.7
Wednesday Mar. 3			2:27 a.m.	-0.5	8:38 a.m.	3.3	2:44 p.m.	-0.5	9:09 p.m.	3.5
Thursday Mar. 4			3:15 a.m.	-0.4	9:30 a.m.	3.0	3:28 p.m.	-0.2	10:00 p.m.	3.3
Friday Mar. 5			4:05 a.m.	-0.1	10:23 a.m.	2.8	4:14 p.m.	0.1	10:53 p.m.	3.2
Saturday Mar. 6			5:00 a.m.	0.2	11:18 a.m.	2.6	5:07 p.m.	0.3	11:46 p.m.	2.9

Sunrise: 6:16 am Sunset: 5:49 pm

<b>Sunday Mar. 7</b> ☾			<b>6:03 a.m.</b>	<b>0.4</b>	<b>12:13 p.m.</b>	<b>2.4</b>	<b>6:12 p.m.</b>	<b>0.5</b>		
Monday Mar. 8	12:40 a.m.	2.8	8:11 a.m.	0.5	2:11 p.m.	2.3	8:21 p.m.	0.6		
Tuesday Mar. 9	2:38 a.m.	2.7	9:13 a.m.	0.5	3:11 p.m.	2.3	9:23 p.m.	0.5		
Wednesday Mar. 10	3:38 a.m.	2.7	10:06 a.m.	0.4	4:12 p.m.	2.4	10:16 p.m.	0.5		
Thursday Mar. 11	4:36 a.m.	2.7	10:52 a.m.	0.3	5:07 p.m.	2.5	11:04 p.m.	0.4		
Friday Mar. 12	5:27 a.m.	2.9	11:34 a.m.	0.2	5:54 p.m.	2.7	11:49 p.m.	0.2		
Saturday Mar. 13	6:11 a.m.	2.9	12:14 p.m.	0.1	6:34 p.m.	2.9				

Sunrise: 7:04 am Sunset: 6:56 pm

<b>Sunday * Mar. 14</b>			<b>12:32 a.m.</b>	<b>0.1</b>	<b>6:50 a.m.</b>	<b>3.0</b>	<b>12:52 p.m.</b>	<b>0.0</b>	<b>7:10 p.m.</b>	<b>3.0</b>
Monday Mar. 15			1:13 a.m.	0.1	7:26 a.m.	3.0	1:28 p.m.	-0.1	7:44 p.m.	3.0
Tuesday Mar. 16			1:53 a.m.	0.0	8:01 a.m.	3.0	2:03 p.m.	-0.1	8:15 p.m.	3.1
Wednesday Mar. 17			2:32 a.m.	0.0	8:34 a.m.	2.9	2:36 p.m.	0.0	8:45 p.m.	3.2
Thursday Mar. 18			3:08 a.m.	0.0	9:09 a.m.	2.8	3:08 p.m.	0.0	9:16 p.m.	3.1
Friday Mar. 19			3:45 a.m.	0.1	9:47 a.m.	2.7	3:39 p.m.	0.1	9:52 p.m.	3.1
Saturday Mar. 20			4:22 a.m.	0.2	10:31 a.m.	2.6	4:14 p.m.	0.2	10:38 p.m.	3.1

Sunrise: 6:53 am Sunset: 7:04 pm

<b>Sunday Mar. 21</b>			<b>5:06 a.m.</b>	<b>0.3</b>	<b>11:24 a.m.</b>	<b>2.5</b>	<b>4:57 p.m.</b>	<b>0.3</b>	<b>11:33 p.m.</b>	<b>3.0</b>
Monday Mar. 22			6:05 a.m.	0.4	12:23 p.m.	2.5	5:56 p.m.	0.4		
Tuesday Mar. 23	12:36 a.m.	3.0	7:22 a.m.	0.4	1:26 p.m.	2.5	7:20 p.m.	0.4		
Wednesday Mar. 24	1:42 a.m.	3.0	8:37 a.m.	0.3	2:32 p.m.	2.6	8:42 p.m.	0.3		
Thursday Mar. 25	2:52 a.m.	3.0	9:39 a.m.	0.1	3:40 p.m.	2.8	9:49 p.m.	0.1		
Friday Mar. 26	4:01 a.m.	3.2	10:34 a.m.	-0.1	4:43 p.m.	3.0	10:49 p.m.	-0.1		
Saturday Mar. 27	5:04 a.m.	3.3	11:25 a.m.	-0.3	5:41 p.m.	3.3	11:45 p.m.	-0.3		

Sunrise: 6:41 am Sunset: 7:11 pm

<b>Sunday Mar. 28</b>	<b>6:00 a.m.</b>	<b>3.5</b>	<b>12:14 p.m.</b>	<b>-0.4</b>	<b>6:32 p.m.</b>	<b>3.6</b>				
Monday Mar. 29			12:39 a.m.	-0.5	6:51 a.m.	3.5	1:02 p.m.	-0.5	7:20 p.m.	3.8
Tuesday Mar. 30			1:31 a.m.	-0.5	7:39 a.m.	3.5	1:48 p.m.	-0.5	8:06 p.m.	3.8
Wednesday Mar. 31			2:20 a.m.	-0.5	8:27 a.m.	3.3	2:33 p.m.	-0.4	8:52 p.m.	3.8

\* Daylight Saving Time begins

# April 2010

Date	High		Low		High		Low		High	
	time	feet	time	feet	time	feet	time	feet	time	feet
Thursday Apr. 1			3:08 a.m.	-0.4	9:15 a.m.	3.2	3:17 p.m.	-0.2	9:40 p.m.	3.6
Friday Apr. 2			3:54 a.m.	-0.2	10:06 a.m.	3.0	3:59 p.m.	0.0	10:30 p.m.	3.4
Saturday Apr. 3			4:41 a.m.	0.0	11:00 a.m.	2.8	4:44 p.m.	0.2	11:21 p.m.	3.2

Sunrise: 6:30 am Sunset: 7:19 pm

<b>Sunday Apr. 4</b>			<b>5:30 a.m.</b>	<b>0.2</b>	<b>11:54 a.m.</b>	<b>2.6</b>	<b>5:33 p.m.</b>	<b>0.5</b>		
Monday Apr. 5	12:14 a.m.	3.0	6:26 a.m.	0.4	12:48 p.m.	2.5	6:33 p.m.	0.7		
Tuesday Apr. 6 	1:07 a.m.	2.8	7:30 a.m.	0.5	1:42 p.m.	2.4	7:44 p.m.	0.8		
Wednesday Apr. 7	2:01 a.m.	2.7	8:32 a.m.	0.5	2:38 p.m.	2.4	8:49 p.m.	0.7		
Thursday Apr. 8	2:57 a.m.	2.7	9:25 a.m.	0.5	3:35 p.m.	2.5	9:45 p.m.	0.7		
Friday Apr. 9	3:53 a.m.	2.7	10:11 a.m.	0.4	4:29 p.m.	2.7	10:33 p.m.	0.5		
Saturday Apr. 10	4:46 a.m.	2.7	10:53 a.m.	0.3	5:17 p.m.	2.9	11:19 p.m.	0.4		

Sunrise: 6:18 am Sunset: 7:26 pm

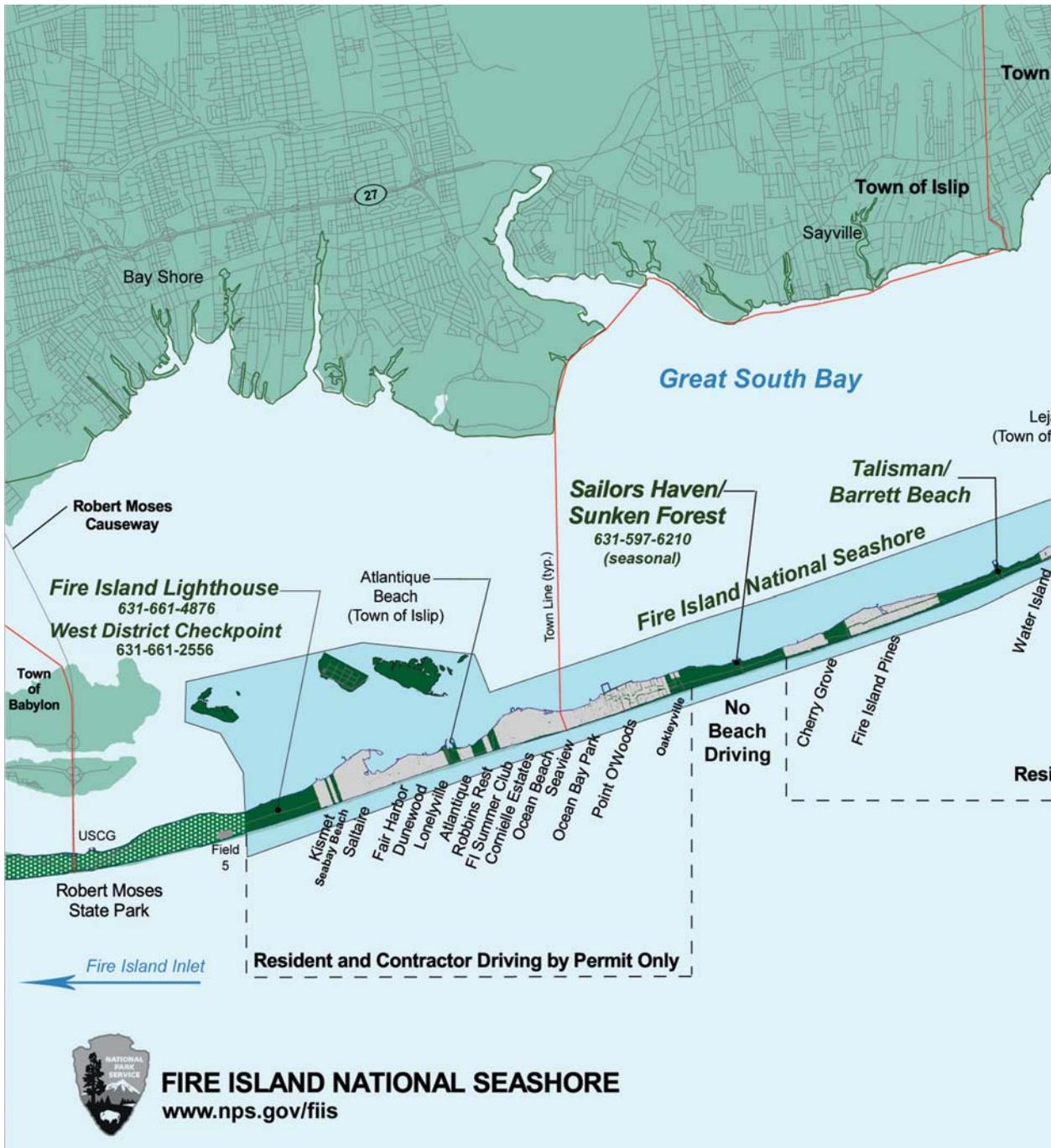
<b>Sunday Apr. 11</b>			<b>5:34 a.m.</b>	<b>2.9</b>	<b>11:32 a.m.</b>	<b>0.2</b>	<b>5:58 p.m.</b>	<b>3.0</b>		
Monday Apr. 12			12:03 a.m.	0.2	6:16 a.m.	2.9	12:11 p.m.	0.1	6:35 p.m.	3.2
Tuesday Apr. 13			12:46 a.m.	0.1	6:55 a.m.	2.9	12:50 p.m.	0.1	7:09 p.m.	3.3
Wednesday Apr. 14 			1:29 a.m.	0.0	7:32 a.m.	2.9	1:28 p.m.	0.1	7:42 p.m.	3.3
Thursday Apr. 15			2:10 a.m.	0.0	8:09 a.m.	2.9	2:05 p.m.	0.1	8:15 p.m.	3.4
Friday Apr. 16			2:50 a.m.	0.0	8:48 a.m.	2.9	2:43 p.m.	0.1	8:51 p.m.	3.4
Saturday Apr. 17			3:30 a.m.	0.0	9:31 a.m.	2.8	3:21 p.m.	0.2	9:33 p.m.	3.3

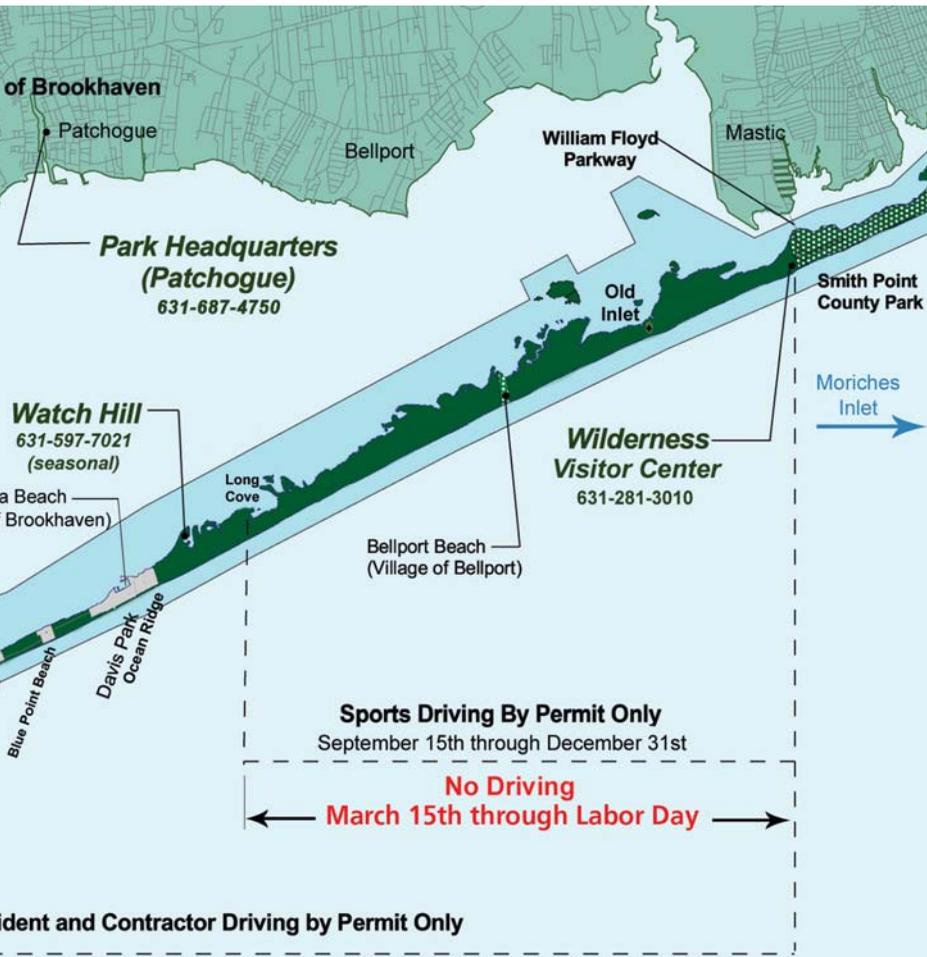
Sunrise: 6:08 am Sunset: 7:33 pm

<b>Sunday Apr. 18</b>			<b>4:12 a.m.</b>	<b>0.1</b>	<b>10:21 a.m.</b>	<b>2.7</b>	<b>4:03 p.m.</b>	<b>0.2</b>	<b>10:24 p.m.</b>	<b>3.3</b>
Monday Apr. 19			4:59 a.m.	0.2	11:17 a.m.	2.7	4:52 p.m.	0.3	11:23 p.m.	3.2
Tuesday Apr. 20			5:56 a.m.	0.3	12:17 p.m.	2.7	5:54 p.m.	0.4		
Wednesday Apr. 21 	12:26 a.m.	3.2	7:05 a.m.	0.3	1:17 p.m.	2.7	7:12 p.m.	0.5		
Thursday Apr. 22	1:29 a.m.	3.1	8:13 a.m.	0.2	2:19 p.m.	2.9	8:29 p.m.	0.4		
Friday Apr. 23	2:33 a.m.	3.1	9:14 a.m.	0.1	3:21 p.m.	3.0	9:35 p.m.	0.2		
Saturday Apr. 24	3:38 a.m.	3.2	10:08 a.m.	-0.1	4:22 p.m.	3.3	10:34 p.m.	0.0		

Sunrise: 5:57 am Sunset: 7:41 pm

<b>Sunday Apr. 25</b>			<b>4:40 a.m.</b>	<b>3.2</b>	<b>10:58 a.m.</b>	<b>-0.2</b>	<b>5:18 p.m.</b>	<b>3.5</b>	<b>11:29 p.m.</b>	<b>-0.2</b>
Monday Apr. 26	5:38 a.m.	3.2	11:46 a.m.	-0.2	6:10 p.m.	3.7				
Tuesday Apr. 27			12:22 a.m.	-0.3	6:30 a.m.	3.3	12:34 p.m.	-0.3	6:57 p.m.	3.8
Wednesday Apr. 28 			1:13 a.m.	-0.4	7:19 a.m.	3.2	1:21 p.m.	-0.2	7:42 p.m.	3.8
Thursday Apr. 29			2:02 a.m.	-0.3	8:06 a.m.	3.2	2:07 p.m.	-0.1	8:27 p.m.	3.7
Friday Apr. 30			2:49 a.m.	-0.2	8:54 a.m.	3.0	2:51 p.m.	0.0	9:13 p.m.	3.6





## 2010 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**

# May 2010

Date	High		Low		High		Low		High	
	time	feet	time	feet	time	feet	time	feet	time	feet
Saturday May 1			3:33 a.m.	-0.1	9:44 a.m.	2.9	3:34 p.m.	0.2	10:01 p.m.	3.3

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

<b>Sunday May 2</b>			<b>4:17 a.m.</b>	<b>0.1</b>	<b>10:36 a.m.</b>	<b>2.7</b>	<b>4:17 p.m.</b>	<b>0.4</b>	<b>10:51 p.m.</b>	<b>3.2</b>
Monday May 3			5:02 a.m.	0.2	11:29 a.m.	2.6	15:03 p.m.	0.6	11:41 p.m.	3.0
Tuesday May 4			5:50 a.m.	0.4	12:21 p.m.	2.5	5:56 p.m.	0.8		
Wednesday May 5 	12:32 a.m.	2.9	6:44 a.m.	0.5	1:11 p.m.	2.5	7:00 p.m.	0.8		
Thursday May 6	1:21 a.m.	2.7	7:41 a.m.	0.6	2:01 p.m.	2.5	8:07 p.m.	0.8		
Friday May 7	2:12 a.m.	2.7	8:35 a.m.	0.5	2:51 p.m.	2.6	9:06 p.m.	0.8		
Saturday May 8	3:04 a.m.	2.6	9:23 a.m.	0.5	3:42 p.m.	2.7	9:58 p.m.	0.6		

Sunrise: 5:40 am Sunset: 7:55 pm

<b>Sunday May 9</b>	<b>3:58 a.m.</b>	<b>2.6</b>	<b>10:06 a.m.</b>	<b>0.4</b>	<b>4:31 p.m.</b>	<b>2.9</b>	<b>10:46 p.m.</b>	<b>0.5</b>		
Monday May 10	4:50 a.m.	2.7	10:48 a.m.	0.3	5:15 p.m.	3.1	11:32 p.m.	0.3		
Tuesday May 11	5:38 a.m.	2.7	11:29 a.m.	0.2	5:56 p.m.	3.3				
Wednesday May 12			12:17 a.m.	0.2	6:22 a.m.	2.8	12:11 p.m.	0.2	6:35 p.m.	3.4
Thursday May 13 			1:03 a.m.	0.1	7:04 a.m.	2.9	12:54 p.m.	0.1	7:13 p.m.	3.5
Friday May 14			1:48 a.m.	0.0	7:46 a.m.	2.9	1:39 p.m.	0.1	7:52 p.m.	3.6
Saturday May 15			2:32 a.m.	-0.1	8:30 a.m.	2.9	2:23 p.m.	0.1	8:34 p.m.	3.6

Sunrise: 5:33 am Sunset: 8:02 pm

<b>Sunday May 16</b>			<b>3:17 a.m.</b>	<b>-0.1</b>	<b>9:18 a.m.</b>	<b>2.9</b>	<b>3:09 p.m.</b>	<b>0.1</b>	<b>9:22 p.m.</b>	<b>3.5</b>
Monday May 17			4:02 a.m.	-0.1	10:12 a.m.	2.9	3:57 p.m.	0.2	10:17 p.m.	3.5
Tuesday May 18			4:50 a.m.	0.0	11:10 a.m.	2.9	4:49 p.m.	0.2	11:16 p.m.	3.3
Wednesday May 19			5:44 a.m.	0.1	12:08 p.m.	2.9	5:50 p.m.	0.4		
Thursday May 20 	12:16 a.m.	3.3	6:44 a.m.	0.1	1:05 p.m.	3.0	7:02 p.m.	0.4		
Friday May 21	1:14 a.m.	3.2	7:47 a.m.	0.1	2:03 p.m.	3.2	8:14 p.m.	0.4		
Saturday May 22	2:13 a.m.	3.1	8:46 a.m.	0.1	3:01 p.m.	3.3	9:19 p.m.	0.2		

Sunrise: 5:27 am Sunset: 8:09 pm

<b>Sunday May 23</b>	<b>3:15 a.m.</b>	<b>3.0</b>	<b>9:40 a.m.</b>	<b>0.0</b>	<b>3:59 p.m.</b>	<b>3.4</b>	<b>10:18 p.m.</b>	<b>0.1</b>		
Monday May 24	4:16 a.m.	3.0	10:30 a.m.	-0.1	4:55 p.m.	3.6	11:12 p.m.	0.0		
Tuesday May 25	5:16 a.m.	3.0	11:20 a.m.	-0.1	5:47 p.m.	3.7				
Wednesday May 26			12:05 a.m.	-0.1	6:10 a.m.	3.0	12:08 p.m.	-0.1	6:35 p.m.	3.7
Thursday May 27 			12:55 a.m.	-0.1	7:00 a.m.	3.0	12:57 p.m.	0.0	7:21 p.m.	3.7
Friday May 28			1:43 a.m.	-0.1	7:48 a.m.	3.0	1:44 p.m.	0.1	8:05 p.m.	3.7
Saturday May 29			2:29 a.m.	-0.1	8:35 a.m.	2.9	2:29 p.m.	0.2	8:49 p.m.	3.5

Sunrise: 5:23 am Sunset: 8:15 pm

<b>Sunday May 30</b>			<b>3:12 a.m.</b>	<b>0.0</b>	<b>9:22 a.m.</b>	<b>2.8</b>	<b>3:12 p.m.</b>	<b>0.3</b>	<b>9:34 p.m.</b>	<b>3.3</b>
Monday May 31			3:53 a.m.	0.1	10:11 a.m.	2.7	3:53 p.m.	0.4	10:21 p.m.	3.2

# June 2010

Date	High		Low		High		Low		High	
	time	feet	time	feet	time	feet	time	feet	time	feet
Tuesday June 1			4:33 a.m.	0.2	11:01 a.m.	2.7	4:35 p.m.	0.6	11:08 p.m.	3.0
Wednesday June 2			5:14 a.m.	0.3	11:49 a.m.	2.6	5:20 p.m.	0.7	11:54 p.m.	2.9
Thursday June 3			5:57 a.m.	0.4	12:35 p.m.	2.6	6:14 p.m.	0.8		
Friday June 4 	12:40 a.m.	2.7	6:45 a.m.	0.5	1:19 p.m.	2.7	7:17 p.m.	0.8		
Saturday June 5	1:25 a.m.	2.7	7:36 a.m.	0.5	2:03 p.m.	2.7	8:21 p.m.	0.8		

Sunrise: 5:20 am Sunset: 8:19 pm

<b>Sunday June 6</b>	<b>2:13 a.m.</b>	<b>2.5</b>	<b>8:27 a.m.</b>	<b>0.5</b>	<b>2:49 p.m.</b>	<b>2.9</b>	<b>9:19 p.m.</b>	<b>0.7</b>		
Monday June 7	3:05 a.m.	2.5	9:16 a.m.	0.4	3:38 p.m.	3.0	10:10 p.m.	0.5		
Tuesday June 8	4:02 a.m.	2.5	10:02 a.m.	0.4	4:28 p.m.	3.1	11:00 p.m.	0.4		
Wednesday June 9	4:57 a.m.	2.6	10:49 a.m.	0.3	5:16 p.m.	3.3	11:48 p.m.	0.2		
Thursday June 10	5:49 a.m.	2.7	11:37 a.m.	0.2	6:03 p.m.	3.5				
Friday June 11			12:37 a.m.	0.1	6:38 a.m.	2.8	12:26 p.m.	0.1	6:48 p.m.	3.6
Saturday June 12 			1:26 a.m.	-0.1	7:25 a.m.	2.9	1:17 p.m.	0.1	7:34 p.m.	3.7

Sunrise: 5:19 am Sunset: 8:23 pm

<b>Sunday June 13</b>			<b>2:14 a.m.</b>	<b>-0.2</b>	<b>8:13 a.m.</b>	<b>3.0</b>	<b>2:08 p.m.</b>	<b>0.0</b>	<b>8:22 p.m.</b>	<b>3.7</b>
Monday June 14			3:01 a.m.	-0.2	9:04 a.m.	3.0	2:58 p.m.	-0.1	9:13 p.m.	3.7
Tuesday June 15			3:47 a.m.	-0.2	9:59 a.m.	3.1	3:48 p.m.	0.0	10:07 p.m.	3.6
Wednesday June 16			4:35 a.m.	-0.2	10:56 a.m.	3.1	4:42 p.m.	0.1	11:04 p.m.	3.5
Thursday June 17			5:25 a.m.	-0.1	11:53 a.m.	3.2	5:40 p.m.	0.2		
Friday June 18 	12:01 a.m.	3.3	6:19 a.m.	-0.1	12:48 p.m.	3.3	6:46 p.m.	0.3		
Saturday June 19	12:57 a.m.	3.2	7:17 a.m.	0.0	1:42 p.m.	3.3	7:56 p.m.	0.4		

Sunrise: 5:20 am Sunset: 8:26 pm

<b>Sunday June 20</b>	<b>1:53 a.m.</b>	<b>3.0</b>	<b>8:17 a.m.</b>	<b>0.1</b>	<b>2:38 p.m.</b>	<b>3.4</b>	<b>9:02 p.m.</b>	<b>0.3</b>		
Monday June 21	2:52 a.m.	2.9	9:13 a.m.	0.1	3:35 p.m.	3.4	10:01 p.m.	0.2		
Tuesday June 22	3:54 a.m.	2.7	10:06 a.m.	0.1	4:32 p.m.	3.5	10:55 p.m.	0.1		
Wednesday June 23	4:56 a.m.	2.7	10:57 a.m.	0.1	5:26 p.m.	3.5	11:47 p.m.	0.1		
Thursday June 24	5:52 a.m.	2.8	11:47 a.m.	0.2	6:16 p.m.	3.5				
Friday June 25			12:36 a.m.	0.1	6:43 a.m.	2.8	12:35 p.m.	0.2	7:02 p.m.	3.5
Saturday June 26 			1:23 a.m.	0.0	7:29 a.m.	2.9	1:23 p.m.	0.2	7:45 p.m.	3.5

Sunrise: 5:22 am Sunset: 8:26 pm

<b>Sunday June 27</b>			<b>2:07 a.m.</b>	<b>0.0</b>	<b>8:14 a.m.</b>	<b>2.9</b>	<b>2:07 p.m.</b>	<b>0.3</b>	<b>8:27 p.m.</b>	<b>3.4</b>
Monday June 28			2:48 a.m.	0.0	8:58 a.m.	2.8	2:49 p.m.	0.4	9:08 p.m.	3.3
Tuesday June 29			3:26 a.m.	0.1	9:43 a.m.	2.8	3:29 p.m.	0.4	9:50 p.m.	3.2
Wednesday June 30			4:02 a.m.	0.1	10:27 a.m.	2.7	4:08 p.m.	0.5	10:32 p.m.	3.0

# July 2010

Date	High		Low		High		Low		High	
	time	feet	time	feet	time	feet	time	feet	time	feet
Thursday Jul. 1			4:37 a.m.	0.2	11:11 a.m.	2.7	4:48 p.m.	0.6	11:14 p.m.	2.9
Friday Jul. 2			5:12 a.m.	0.3	11:52 a.m.	2.7	5:32 p.m.	0.7	11:57 p.m.	2.7
Saturday Jul. 3			5:48 a.m.	0.4	12:32 p.m.	2.8	6:26 p.m.	0.8		

Sunrise: 5:25 am Sunset: 8:26 pm

<b>Sunday Jul. 4</b> ☾	<b>12:40 a.m.</b>	<b>2.6</b>	<b>6:32 a.m.</b>	<b>0.5</b>	<b>1:13 p.m.</b>	<b>2.8</b>	<b>7:31 p.m.</b>	<b>0.8</b>		
Monday Jul. 5	1:25 a.m.	2.5	7:25 a.m.	0.5	1:56 p.m.	2.9	8:36 p.m.	0.8		
Tuesday Jul. 6	2:17 a.m.	2.5	8:23 a.m.	0.5	2:46 p.m.	3.0	9:35 p.m.	0.6		
Wednesday Jul. 7	3:16 a.m.	2.5	9:20 a.m.	0.4	3:41 p.m.	3.2	10:29 p.m.	0.4		
Thursday Jul. 8	4:19 a.m.	2.5	10:15 a.m.	0.3	4:40 p.m.	3.3	11:21 p.m.	0.2		
Friday Jul. 9	5:19 a.m.	2.7	11:09 a.m.	0.2	5:36 p.m.	3.5				
Saturday Jul. 10			12:12 a.m.	0.1	6:14 a.m.	2.9	12:04 p.m.	0.1	6:28 p.m.	3.7

Sunrise: 5:30 am Sunset: 8:23 pm

<b>Sunday Jul. 11</b> ☀			<b>1:03 a.m.</b>	<b>-0.1</b>	<b>7:05 a.m.</b>	<b>3.0</b>	<b>12:59 p.m.</b>	<b>-0.1</b>	<b>7:18 p.m.</b>	<b>3.8</b>
Monday Jul. 12			1:53 a.m.	-0.2	7:55 a.m.	3.2	1:52 p.m.	-0.2	8:07 p.m.	3.8
Tuesday Jul. 13			2:41 a.m.	-0.4	8:47 a.m.	3.3	2:45 p.m.	-0.2	8:58 p.m.	3.8
Wednesday Jul. 14			3:27 a.m.	-0.4	9:40 a.m.	3.3	3:36 p.m.	-0.2	9:51 p.m.	3.7
Thursday Jul. 15			4:13 a.m.	-0.4	10:35 a.m.	3.4	4:29 p.m.	-0.1	10:46 p.m.	3.5
Friday Jul. 16			5:00 a.m.	-0.3	11:31 a.m.	3.5	5:25 p.m.	0.1	11:42 p.m.	3.3
Saturday Jul. 17			5:50 a.m.	-0.1	12:25 p.m.	3.5	6:27 p.m.	0.2		

Sunrise: 5:35 am Sunset: 8:19 pm

<b>Sunday Jul. 18</b> ☾	<b>12:37 a.m.</b>	<b>3.1</b>	<b>6:46 a.m.</b>	<b>0.1</b>	<b>1:19 p.m.</b>	<b>3.4</b>	<b>7:35 p.m.</b>	<b>0.4</b>		
Monday Jul. 19	1:33 a.m.	2.9	7:48 a.m.	0.2	2:14 p.m.	3.3	8:42 p.m.	0.4		
Tuesday Jul. 20	2:32 a.m.	2.7	8:48 a.m.	0.3	3:11 p.m.	3.3	9:43 p.m.	0.4		
Wednesday Jul. 21	3:34 a.m.	2.6	9:45 a.m.	0.3	4:10 p.m.	3.3	10:37 p.m.	0.3		
Thursday Jul. 22	4:37 a.m.	2.6	10:38 a.m.	0.4	5:06 p.m.	3.3	11:28 p.m.	0.2		
Friday Jul. 23	5:35 a.m.	2.7	11:28 a.m.	0.3	5:57 p.m.	3.3				
Saturday Jul. 24			12:15 a.m.	0.2	6:25 a.m.	2.8	12:16 p.m.	0.3	6:42 p.m.	3.4

Sunrise: 5:41 am Sunset: 8:14 pm

<b>Sunday Jul. 25</b> ☀			<b>1:00 a.m.</b>	<b>0.1</b>	<b>7:10 a.m.</b>	<b>2.9</b>	<b>1:02 p.m.</b>	<b>0.3</b>	<b>7:24 p.m.</b>	<b>3.4</b>
Monday Jul. 26			1:41 a.m.	0.1	7:51 a.m.	2.9	1:45 p.m.	0.3	8:03 p.m.	3.3
Tuesday Jul. 27			2:19 a.m.	0.1	8:31 a.m.	2.9	2:26 p.m.	0.3	8:41 p.m.	3.3
Wednesday Jul. 28			2:55 a.m.	0.1	9:10 a.m.	2.9	3:05 p.m.	0.4	9:18 p.m.	3.2
Thursday Jul. 29			3:28 a.m.	0.1	9:48 a.m.	2.9	3:42 p.m.	0.4	9:56 p.m.	3.0
Friday Jul. 30			4:00 a.m.	0.2	10:26 a.m.	2.9	4:18 p.m.	0.5	10:34 p.m.	2.9
Saturday Jul. 31			4:29 a.m.	0.3	11:03 a.m.	2.9	4:56 p.m.	0.7	11:14 p.m.	2.7

# August 2010

Date	High		Low		High		Low		High	
	time	feet								

Sunrise: 5:48 am Sunset: 8:07 pm

<b>Sunday</b>	<b>Aug. 1</b>			<b>5:00 a.m.</b>	<b>0.4</b>	<b>11:41 a.m.</b>	<b>2.9</b>	<b>5:40 p.m.</b>	<b>0.7</b>	<b>11:57 p.m.</b>	<b>2.6</b>
Monday	Aug. 2			5:35 a.m.	0.5	12:22 p.m.	2.9	6:39 p.m.	0.8		
Tuesday	Aug. 3			12:45 a.m.	2.5	6:24 a.m.	0.5	1:08 p.m.	3.0	7:53 p.m.	0.8
Wednesday	Aug. 4			1:39 a.m.	2.5	7:33 a.m.	0.6	2:02 p.m.	3.0	9:01 p.m.	0.7
Thursday	Aug. 5			2:41 a.m.	2.5	8:46 a.m.	0.5	3:04 p.m.	3.2	10:01 p.m.	0.5
Friday	Aug. 6			3:48 a.m.	2.5	9:50 a.m.	0.4	4:11 p.m.	3.3	10:55 p.m.	0.2
Saturday	Aug. 7			4:54 a.m.	2.7	10:49 a.m.	0.2	5:13 p.m.	3.5	11:48 p.m.	0.1

Sunrise: 5:54 am Sunset: 7:58 pm

<b>Sunday</b>	<b>Aug. 8</b>			<b>5:52 a.m.</b>	<b>3.0</b>	<b>11:46 a.m.</b>	<b>0.0</b>	<b>6:09 p.m.</b>	<b>3.7</b>		
Monday	Aug. 9			12:39 a.m.	-0.2	6:45 a.m.	3.3	12:42 p.m.	-0.2	7:00 p.m.	3.9
Tuesday	Aug. 10			1:28 a.m.	-0.4	7:35 a.m.	3.5	1:36 p.m.	-0.3	7:50 p.m.	3.9
Wednesday	Aug. 11			2:15 a.m.	-0.5	8:25 a.m.	3.7	2:29 p.m.	-0.4	8:40 p.m.	3.8
Thursday	Aug. 12			3:01 a.m.	-0.5	9:16 a.m.	3.7	3:20 p.m.	-0.3	9:31 p.m.	3.7
Friday	Aug. 13			3:46 a.m.	-0.4	10:10 a.m.	3.7	4:12 p.m.	-0.2	10:25 p.m.	3.5
Saturday	Aug. 14			4:32 a.m.	-0.2	11:04 a.m.	3.7	5:05 p.m.	0.1	11:21 p.m.	3.2

Sunrise: 6:01 am Sunset: 7:49 pm

<b>Sunday</b>	<b>Aug. 15</b>			<b>5:21 a.m.</b>	<b>-0.1</b>	<b>11:59 a.m.</b>	<b>3.5</b>	<b>6:04 p.m.</b>	<b>0.2</b>		
Monday	Aug. 16			12:17 a.m.	3.0	6:16 a.m.	0.2	12:53 p.m.	3.4	7:11 p.m.	0.4
Tuesday	Aug. 17			1:14 a.m.	2.8	7:19 a.m.	0.4	1:49 p.m.	3.3	8:19 p.m.	0.5
Wednesday	Aug. 18			2:13 a.m.	2.7	8:25 a.m.	0.5	2:46 p.m.	3.2	9:22 p.m.	0.5
Thursday	Aug. 19			3:15 a.m.	2.6	9:26 a.m.	0.5	3:46 p.m.	3.2	10:16 p.m.	0.4
Friday	Aug. 20			4:17 a.m.	2.6	10:20 a.m.	0.5	4:44 p.m.	3.2	11:04 p.m.	0.4
Saturday	Aug. 21			5:14 a.m.	2.7	11:09 a.m.	0.4	5:35 p.m.	3.2	11:49 p.m.	0.2

Sunrise: 6:08 am Sunset: 7:39 pm

<b>Sunday</b>	<b>Aug. 22</b>			<b>6:03 a.m.</b>	<b>2.9</b>	<b>11:55 a.m.</b>	<b>0.4</b>	<b>6:19 p.m.</b>	<b>3.3</b>		
Monday	Aug. 23			12:30 a.m.	0.2	6:45 a.m.	3.0	12:39 p.m.	0.3	6:59 p.m.	3.3
Tuesday	Aug. 24			1:09 a.m.	0.1	7:27 a.m.	3.0	1:21 p.m.	0.3	7:36 p.m.	3.3
Wednesday	Aug. 25			1:46 a.m.	0.1	8:00 a.m.	3.1	2:01 p.m.	0.3	8:12 p.m.	3.3
Thursday	Aug. 26			2:20 a.m.	0.1	8:35 a.m.	3.1	2:40 p.m.	0.3	8:47 p.m.	3.2
Friday	Aug. 27			2:53 a.m.	0.2	9:08 a.m.	3.1	3:16 p.m.	0.4	9:21 p.m.	3.0
Saturday	Aug. 28			3:23 a.m.	0.2	9:39 a.m.	3.1	3:52 p.m.	0.4	9:57 p.m.	2.9

Sunrise: 6:15 am Sunset: 7:28 pm

<b>Sunday</b>	<b>Aug. 29</b>			<b>3:52 a.m.</b>	<b>0.3</b>	<b>10:12 a.m.</b>	<b>3.0</b>	<b>4:27 p.m.</b>	<b>0.5</b>	<b>10:36 p.m.</b>	<b>2.7</b>
Monday	Aug. 30			4:21 a.m.	0.4	10:50 a.m.	3.0	5:07 p.m.	0.7	11:22 p.m.	2.6
Tuesday	Aug. 31			4:56 a.m.	0.5	11:37 a.m.	3.0	6:00 p.m.	0.7		

# September 2010

Date	High		Low		High		Low		High	
	time	feet	time	feet	time	feet	time	feet	time	feet
Wednesday Sept. 1 	12:15 a.m.	2.5	5:44 a.m.	0.6	12:31 p.m.	3.0	7:17 p.m.	0.8		
Thursday Sept. 2	1:14 a.m.	2.5	6:58 a.m.	0.7	1:32 p.m.	3.1	8:33 p.m.	0.7		
Friday Sept. 3	2:18 a.m.	2.5	8:22 a.m.	0.6	2:38 p.m.	3.2	9:35 p.m.	0.5		
Saturday Sept. 4	3:26 a.m.	2.7	9:32 a.m.	0.4	3:47 p.m.	3.3	10:30 p.m.	0.2		

Sunrise: 6:22 am Sunset: 7:17 pm

<b>Sunday Sept. 5</b>	<b>4:32 a.m.</b>	<b>2.9</b>	<b>10:33 a.m.</b>	<b>0.2</b>	<b>4:51 p.m.</b>	<b>3.5</b>	<b>11:22 p.m.</b>	<b>0.0</b>		
Monday Sept. 6	5:31 a.m.	3.2	11:30 a.m.	-0.1	5:48 p.m.	3.7				
Tuesday Sept. 7			12:12 a.m.	-0.2	6:24 a.m.	3.5	12:25 p.m.	-0.2	6:40 p.m.	3.8
Wednesday Sept. 8 			1:00 a.m.	-0.4	7:13 a.m.	3.8	1:19 p.m.	-0.4	7:30 p.m.	3.8
Thursday Sept. 9			1:47 a.m.	-0.5	8:02 a.m.	3.9	2:11 p.m.	-0.4	8:19 p.m.	3.8
Friday Sept. 10			2:33 a.m.	-0.5	8:51 a.m.	4.0	3:02 p.m.	-0.4	9:09 p.m.	3.6
Saturday Sept. 11			3:19 a.m.	-0.4	9:42 a.m.	3.8	3:53 p.m.	-0.2	10:02 p.m.	3.3

Sunrise: 6:29 am Sunset: 7:05 pm

<b>Sunday Sept. 12</b>			<b>4:04 a.m.</b>	<b>-0.1</b>	<b>10:35 a.m.</b>	<b>3.7</b>	<b>4:44 p.m.</b>	<b>0.0</b>	<b>10:59 p.m.</b>	<b>3.1</b>
Monday Sept. 13			4:52 a.m.	0.1	11:30 a.m.	3.5	5:40 p.m.	0.2	11:56 p.m.	2.9
Tuesday Sept. 14			5:46 a.m.	0.4	12:26 p.m.	3.3	6:43 p.m.	0.5		
Wednesday Sept. 15 	12:54 a.m.	2.7	6:50 a.m.	0.6	1:22 p.m.	3.2	7:51 p.m.	0.6		
Thursday Sept. 16	1:52 a.m.	2.6	8:00 a.m.	0.7	2:19 p.m.	3.0	8:55 p.m.	0.6		
Friday Sept. 17	2:52 a.m.	2.6	9:04 a.m.	0.7	3:17 p.m.	3.0	9:48 p.m.	0.5		
Saturday Sept. 18	3:52 a.m.	2.7	9:58 a.m.	0.6	4:14 p.m.	3.0	10:34 p.m.	0.4		

Sunrise: 6:36 am Sunset: 6:54 pm

<b>Sunday Sept. 19</b>	<b>4:47 a.m.</b>	<b>2.7</b>	<b>10:46 a.m.</b>	<b>0.5</b>	<b>5:05 p.m.</b>	<b>3.1</b>	<b>11:15 p.m.</b>	<b>0.3</b>		
Monday Sept. 20	5:35 a.m.	2.9	11:30 a.m.	0.4	5:50 p.m.	3.2	11:54 p.m.	0.2		
Tuesday Sept. 21	6:16 a.m.	3.0	12:13 p.m.	0.3	6:30 p.m.	3.2				
Wednesday Sept. 22			12:32 a.m.	0.2	6:53 a.m.	3.2	12:55 p.m.	0.2	7:07 p.m.	3.2
Thursday Sept. 23 			1:09 a.m.	0.1	7:28 a.m.	3.3	1:36 p.m.	0.2	7:43 p.m.	3.2
Friday Sept. 24			1:44 a.m.	0.1	7:59 a.m.	3.3	2:15 p.m.	0.2	8:17 p.m.	3.0
Saturday Sept. 25			2:17 a.m.	0.2	8:29 a.m.	3.3	2:53 p.m.	0.2	8:51 p.m.	2.9

Sunrise: 6:43 am Sunset: 6:42 pm

<b>Sunday Sept. 26</b>			<b>2:50 a.m.</b>	<b>0.2</b>	<b>8:59 a.m.</b>	<b>3.2</b>	<b>3:29 p.m.</b>	<b>0.4</b>	<b>9:27 p.m.</b>	<b>2.8</b>
Monday Sept. 27			3:21 a.m.	0.4	9:32 a.m.	3.2	4:06 p.m.	0.4	10:09 p.m.	2.7
Tuesday Sept. 28			3:54 a.m.	0.4	10:14 a.m.	3.2	4:47 p.m.	0.5	10:59 p.m.	2.6
Wednesday Sept. 29			4:33 a.m.	0.5	11:06 a.m.	3.1	5:40 p.m.	0.6	11:58 p.m.	2.5
Thursday Sept. 30 			5:25 a.m.	0.6	12:08 p.m.	3.1	6:51 p.m.	0.7		

# October 2010

Date	High		Low		High		Low		High	
	time	feet	time	feet	time	feet	time	feet	time	feet
Friday Oct. 1	1:00 a.m.	2.5	6:41 a.m.	0.7	1:12 p.m.	3.1	8:07 p.m.	0.5		
Saturday Oct. 2	2:03 a.m.	2.7	8:07 a.m.	0.5	2:18 p.m.	3.2	9:10 p.m.	0.4		

Sunrise: 6:50 am Sunset: 6:30 pm

<b>Sunday Oct. 3</b>	<b>3:08 a.m.</b>	<b>2.9</b>	<b>9:17 a.m.</b>	<b>0.4</b>	<b>3:25 p.m.</b>	<b>3.3</b>	<b>10:05 p.m.</b>	<b>0.1</b>		
Monday Oct. 4	4:11 a.m.	3.1	10:18 a.m.	0.1	4:29 p.m.	3.4	10:55 p.m.	-0.1		
Tuesday Oct. 5	5:09 a.m.	3.4	11:14 a.m.	-0.1	5:27 p.m.	3.5	11:44 p.m.	-0.3		
Wednesday Oct. 6	6:02 a.m.	3.7	12:09 p.m.	-0.3	6:19 p.m.	3.7				
Thursday Oct. 7			12:32 a.m.	-0.4	6:51 a.m.	4.0	1:02 p.m.	-0.4	7:09 p.m.	3.7
Friday Oct. 8			1:19 a.m.	-0.4	7:38 a.m.	4.0	1:54 p.m.	-0.4	7:58 p.m.	3.5
Saturday Oct. 9			2:06 a.m.	-0.4	8:26 a.m.	4.0	2:44 p.m.	-0.4	8:48 p.m.	3.3

Sunrise: 6:57 am Sunset: 6:19 pm

<b>Sunday Oct. 10</b>			<b>2:52 a.m.</b>	<b>-0.2</b>	<b>9:15 a.m.</b>	<b>3.8</b>	<b>3:33 p.m.</b>	<b>-0.2</b>	<b>9:40 p.m.</b>	<b>3.2</b>
Monday Oct. 11			3:38 a.m.	0.0	10:07 a.m.	3.7	4:22 p.m.	0.0	10:36 p.m.	2.9
Tuesday Oct. 12			4:25 a.m.	0.2	11:01 a.m.	3.4	5:13 p.m.	0.2	11:34 p.m.	2.7
Wednesday Oct. 13			5:17 a.m.	0.5	11:57 a.m.	3.2	6:11 p.m.	0.4		
Thursday Oct. 14	12:32 a.m.	2.6	6:17 a.m.	0.7	12:52 p.m.	3.0	7:15 p.m.	0.5		
Friday Oct. 15	1:28 a.m.	2.5	7:26 a.m.	0.8	1:47 p.m.	2.9	8:17 p.m.	0.6		
Saturday Oct. 16	2:23 a.m.	2.5	8:33 a.m.	0.8	2:41 p.m.	2.9	9:10 p.m.	0.5		

Sunrise: 7:05 am Sunset: 6:08 pm

<b>Sunday Oct. 17</b>	<b>3:19 a.m.</b>	<b>2.6</b>	<b>9:29 a.m.</b>	<b>0.7</b>	<b>3:35 p.m.</b>	<b>2.9</b>	<b>9:56 p.m.</b>	<b>0.4</b>		
Monday Oct. 18	4:11 a.m.	2.7	10:17 a.m.	0.5	4:27 p.m.	2.9	10:36 p.m.	0.3		
Tuesday Oct. 19	4:59 a.m.	2.9	11:02 a.m.	0.4	5:14 p.m.	2.9	11:15 p.m.	0.2		
Wednesday Oct. 20	5:42 a.m.	3.1	11:45 a.m.	0.3	5:57 p.m.	3.0	11:53 p.m.	0.2		
Thursday Oct. 21	6:19 a.m.	3.2	12:28 p.m.	0.2	6:37 p.m.	3.0				
Friday Oct. 22			12:30 a.m.	0.1	6:54 a.m.	3.3	1:10 p.m.	0.2	7:14 p.m.	3.0
Saturday Oct. 23			1:08 a.m.	0.1	7:26 a.m.	3.3	1:51 p.m.	0.1	7:51 p.m.	2.9

Sunrise: 7:12 am Sunset: 5:58 pm

<b>Sunday Oct. 24</b>			<b>1:45 a.m.</b>	<b>0.2</b>	<b>7:58 a.m.</b>	<b>3.4</b>	<b>2:31 p.m.</b>	<b>0.1</b>	<b>8:27 p.m.</b>	<b>2.8</b>
Monday Oct. 25			2:22 a.m.	0.2	8:31 a.m.	3.3	3:11 p.m.	0.2	9:07 p.m.	2.7
Tuesday Oct. 26			3:00 a.m.	0.2	9:08 a.m.	3.3	3:52 p.m.	0.2	9:53 p.m.	2.7
Wednesday Oct. 27			3:39 a.m.	0.3	9:55 a.m.	3.2	4:35 p.m.	0.3	10:47 p.m.	2.6
Thursday Oct. 28			4:23 a.m.	0.4	10:51 a.m.	3.2	5:27 p.m.	0.4	11:48 p.m.	2.6
Friday Oct. 29			5:19 a.m.	0.5	11:54 a.m.	3.1	6:31 p.m.	0.4		
Saturday Oct. 30	12:48 a.m.	2.7	6:32 a.m.	0.5	12:57 p.m.	3.1	7:40 p.m.	0.3		

Sunrise: 7:20 am Sunset: 5:49 pm

<b>Sunday Oct. 31</b>	<b>1:48 a.m.</b>	<b>2.8</b>	<b>7:52 a.m.</b>	<b>0.5</b>	<b>2:00 p.m.</b>	<b>3.1</b>	<b>8:43 p.m.</b>	<b>0.2</b>		
-----------------------	------------------	------------	------------------	------------	------------------	------------	------------------	------------	--	--

# November 2010

Date	High		Low		High		Low		High	
	time	feet	time	feet	time	feet	time	feet	time	feet
Monday Nov. 1	2:49 a.m.	3.0	9:02 a.m.	0.3	3:03 p.m.	3.2	9:37 p.m.	0.0		
Tuesday Nov. 2	3:49 a.m.	3.2	10:03 a.m.	0.1	4:05 p.m.	3.2	10:28 p.m.	-0.2		
Wednesday Nov. 3	4:47 a.m.	3.5	10:59 a.m.	-0.1	5:05 p.m.	3.2	11:17 p.m.	-0.3		
Thursday Nov. 4	5:40 a.m.	3.7	11:53 a.m.	-0.3	5:59 p.m.	3.3				
Friday Nov. 5			12:05 a.m.	-0.4	6:30 a.m.	3.9	12:45 p.m.	-0.4	6:50 p.m.	3.3
Saturday Nov. 6			12:54 a.m.	-0.4	7:17 a.m.	3.9	1:36 p.m.	-0.4	7:40 p.m.	3.2

Sunrise: 6:28 am Sunset: 4:42 pm

<b>Sunday * Nov. 7</b>			<b>1:42 a.m.</b>	<b>-0.3</b>	<b>7:04 a.m.</b>	<b>3.8</b>	<b>1:26 p.m.</b>	<b>-0.4</b>	<b>7:29 p.m.</b>	<b>3.1</b>
Monday Nov. 8			1:29 a.m.	-0.1	7:51 a.m.	3.7	2:13 p.m.	-0.2	8:20 p.m.	2.9
Tuesday Nov. 9			2:15 a.m.	0.0	8:40 a.m.	3.5	2:59 p.m.	-0.1	9:13 p.m.	2.8
Wednesday Nov. 10			3:01 a.m.	0.2	9:32 a.m.	3.2	3:46 p.m.	0.1	10:09 p.m.	2.7
Thursday Nov. 11			3:48 a.m.	0.4	10:26 a.m.	3.0	4:35 p.m.	0.3	11:03 p.m.	2.5
Friday Nov. 12			4:41 a.m.	0.6	11:18 a.m.	2.9	5:29 p.m.	0.4	11:56 p.m.	2.5
Saturday Nov. 13			5:43 a.m.	0.7	12:08 p.m.	2.7	6:27 p.m.	0.5		

Sunrise: 6:37 am Sunset: 4:35 pm

<b>Sunday Nov. 14</b>			<b>12:47 a.m.</b>	<b>2.5</b>	<b>6:50 a.m.</b>	<b>0.8</b>	<b>12:58 p.m.</b>	<b>2.7</b>	<b>7:21 p.m.</b>	<b>0.5</b>
Monday Nov. 15			1:37 a.m.	2.6	7:51 a.m.	0.7	1:49 p.m.	2.6	8:09 p.m.	0.4
Tuesday Nov. 16			2:27 a.m.	2.7	8:43 a.m.	0.5	2:42 p.m.	2.6	8:52 p.m.	0.3
Wednesday Nov. 17			3:16 a.m.	2.8	9:30 a.m.	0.4	3:33 p.m.	2.6	9:33 p.m.	0.2
Thursday Nov. 18			4:01 a.m.	3.0	10:16 a.m.	0.3	4:22 p.m.	2.7	10:13 p.m.	0.2
Friday Nov. 19			4:43 a.m.	3.1	11:00 a.m.	0.2	5:06 p.m.	2.7	10:54 p.m.	0.1
Saturday Nov. 20			5:21 a.m.	3.2	11:45 a.m.	0.1	5:47 p.m.	2.7	11:36 p.m.	0.1

Sunrise: 6:45 am Sunset: 4:30 pm

<b>Sunday Nov. 21</b>			<b>5:58 a.m.</b>	<b>3.3</b>	<b>12:29 p.m.</b>	<b>0.0</b>	<b>6:27 p.m.</b>	<b>2.7</b>		
Monday Nov. 22					12:18 a.m.	0.1	6:34 a.m.	3.4	1:12 p.m.	-0.1
Tuesday Nov. 23					1:02 a.m.	0.1	7:13 a.m.	3.4	1:55 p.m.	-0.1
Wednesday Nov. 24					1:45 a.m.	0.1	7:56 a.m.	3.3	2:38 p.m.	-0.1
Thursday Nov. 25					2:30 a.m.	0.1	8:46 a.m.	3.3	3:23 p.m.	0.0
Friday Nov. 26					3:18 a.m.	0.1	9:42 a.m.	3.2	4:12 p.m.	0.0
Saturday Nov. 27					4:14 a.m.	0.2	10:42 a.m.	3.1	5:08 p.m.	0.1

Sunrise: 6:53 am Sunset: 4:26 pm

<b>Sunday Nov. 28</b>			<b>5:21 a.m.</b>	<b>0.3</b>	<b>11:41 a.m.</b>	<b>3.0</b>	<b>6:10 p.m.</b>	<b>0.1</b>		
Monday Nov. 29			12:30 a.m.	2.9	6:36 a.m.	0.3	12:40 p.m.	3.0	7:12 p.m.	0.0
Tuesday Nov. 30			1:28 a.m.	3.0	7:46 a.m.	0.2	1:41 p.m.	2.9	8:10 p.m.	-0.1

**\* Daylight Saving Time ends**

# December 2010

Date	High		Low		High		Low		High	
	time	feet	time	feet	time	feet	time	feet	time	feet
Wednesday Dec. 1	2:27 a.m.	3.2	8:48 a.m.	0.0	2:43 p.m.	2.9	9:02 p.m.	-0.2		
Thursday Dec. 2	3:25 a.m.	3.4	9:44 a.m.	-0.1	3:45 p.m.	2.9	9:53 p.m.	-0.2		
Friday Dec. 3	4:20 a.m.	3.5	10:38 a.m.	-0.2	4:42 p.m.	2.9	10:43 p.m.	-0.3		
Saturday Dec. 4	5:11 a.m.	3.7	11:30 a.m.	-0.3	5:35 p.m.	2.9	11:33 p.m.	-0.2		

Sunrise: 7:00 am Sunset: 4:24 pm

<b>Sunday Dec. 5</b> ●	<b>5:59 a.m.</b>	<b>3.7</b>	<b>12:20 p.m.</b>	<b>-0.4</b>	<b>6:24 p.m.</b>	<b>2.9</b>				
Monday Dec. 6			12:22 a.m.	-0.2	6:45 a.m.	3.6	1:08 p.m.	-0.4	7:12 p.m.	2.9
Tuesday Dec. 7			1:09 a.m.	-0.1	7:30 a.m.	3.5	1:53 p.m.	-0.2	7:59 p.m.	2.8
Wednesday Dec. 8			1:54 a.m.	0.0	8:16 a.m.	3.3	2:36 p.m.	-0.2	8:49 p.m.	2.7
Thursday Dec. 9			2:37 a.m.	0.1	9:03 a.m.	3.1	3:17 p.m.	-0.1	9:39 p.m.	2.5
Friday Dec. 10			3:20 a.m.	0.3	9:51 a.m.	2.9	3:58 p.m.	0.1	10:29 p.m.	2.5
Saturday Dec. 11			4:05 a.m.	0.4	10:39 a.m.	2.8	4:41 p.m.	0.2	11:17 p.m.	2.5

Sunrise: 7:06 am Sunset: 4:24 pm

<b>Sunday Dec. 12</b> ●			<b>4:56 a.m.</b>	<b>0.6</b>	<b>11:26 a.m.</b>	<b>2.6</b>	<b>5:27 p.m.</b>	<b>0.3</b>		
Monday Dec. 13	12:03 a.m.	2.5	5:57 a.m.	0.7	12:12 p.m.	2.5	6:19 p.m.	0.4		
Tuesday Dec. 14	12:49 a.m.	2.5	7:03 a.m.	0.7	1:00 p.m.	2.4	7:12 p.m.	0.4		
Wednesday Dec. 15	1:36 a.m.	2.5	8:03 a.m.	0.6	1:52 p.m.	2.3	8:02 p.m.	0.3		
Thursday Dec. 16	2:25 a.m.	2.7	8:55 a.m.	0.4	2:47 p.m.	2.3	8:49 p.m.	0.2		
Friday Dec. 17	3:15 a.m.	2.8	9:44 a.m.	0.3	3:43 p.m.	2.4	9:35 p.m.	0.2		
Saturday Dec. 18	4:04 a.m.	3.0	10:32 a.m.	0.1	4:34 p.m.	2.4	10:22 p.m.	0.1		

Sunrise: 7:11 am Sunset: 4:26 pm

<b>Sunday Dec. 19</b> ●	<b>4:50 a.m.</b>	<b>3.1</b>	<b>11:19 a.m.</b>	<b>0.0</b>	<b>5:22 p.m.</b>	<b>2.5</b>	<b>11:09 p.m.</b>	<b>0.0</b>		
Monday Dec. 20	5:33 a.m.	3.3	12:06 a.m.	-0.1	6:06 p.m.	2.7	11:57 p.m.	-0.1		
Tuesday Dec. 21	6:16 a.m.	3.4	12:52 p.m.	-0.2	6:51 p.m.	2.7				
Wednesday Dec. 22			12:45 a.m.	-0.2	7:00 a.m.	3.5	1:37 p.m.	-0.4	7:37 p.m.	2.8
Thursday Dec. 23			1:33 a.m.	-0.2	7:46 a.m.	3.5	2:22 p.m.	-0.4	8:27 p.m.	2.9
Friday Dec. 24			2:21 a.m.	-0.2	8:36 a.m.	3.3	3:06 p.m.	-0.4	9:21 p.m.	2.9
Saturday Dec. 25			3:10 a.m.	-0.2	9:30 a.m.	3.3	3:52 p.m.	-0.3	10:17 p.m.	2.9

Sunrise: 7:14 am Sunset: 4:29 pm

<b>Sunday Dec. 26</b> ●			<b>4:04 a.m.</b>	<b>-0.1</b>	<b>10:26 a.m.</b>	<b>3.1</b>	<b>4:43 p.m.</b>	<b>-0.2</b>	<b>11:13 p.m.</b>	<b>3.0</b>
Monday Dec. 27			5:06 a.m.	0.1	11:23 a.m.	3.0	5:39 p.m.	-0.2		
Tuesday Dec. 28	12:08 a.m.	3.0	6:17 a.m.	0.1	12:20 p.m.	2.8	6:41 p.m.	-0.1		
Wednesday Dec. 29	1:05 a.m.	3.1	7:27 a.m.	0.1	1:20 p.m.	2.7	7:42 p.m.	-0.1		
Thursday Dec. 30	2:03 a.m.	3.2	8:31 a.m.	0.1	2:23 p.m.	2.5	8:40 p.m.	-0.1		
Friday Dec. 31	3:03 a.m.	3.2	9:29 a.m.	-0.1	3:27 p.m.	2.5	9:34 p.m.	-0.1		

*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



**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.*

### 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.

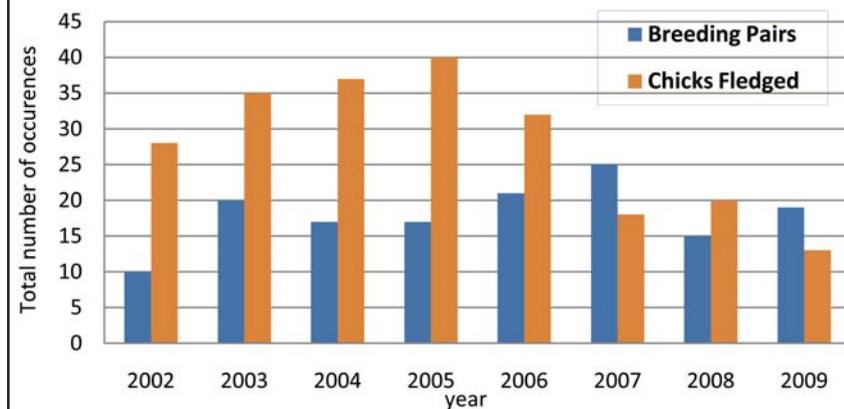
### Summer

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 Productivity: 2002-2009



## 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.

