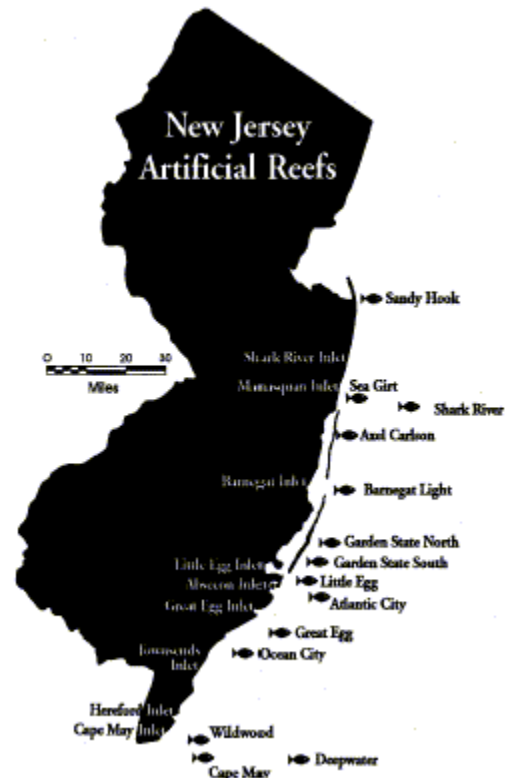


NEW JERSEY ARTIFICIAL REEF LOCATIONS

Since 1984, the bureau has been involved in an intensive program of artificial reef construction and biological monitoring. The purpose is to create a network of artificial reefs in the ocean waters along the New Jersey coast to provide a hard substrate for fish, shellfish and crustaceans, fishing grounds for anglers, and underwater structures for scuba divers.

The Division of Fish and Wildlife is currently maintaining [14 reef sites](#) in the ocean along the New Jersey coast as part of the Artificial Reef Program. These sites are located between 2 and 25 nautical miles offshore from Sandy Hook to Cape May.

Reefs are constructed by intentionally placing very heavy structures, such as old ships, concrete debris, rock, obsolete army tanks and prefabricated concrete artificial reef units on the sea floor. Within each reef site, which range in size from one-half to over four square miles, numerous "patch reefs" have been constructed. A patch reef is a one-half to 5-acre area where one barge load of material has been deployed. In total, over 1200 patch reefs have been constructed on the state's [14 reef sites](#) since the program began. Reefs are now being used extensively by anglers and divers who catch sea bass, blackfish, porgy and lobster. The structures are placed within areas designated as reef sites by the [U.S. Army Corps of Engineers](#).



Research projects designed to investigate the biology and ecology of ocean reefs completed during the past year included the food habits of black sea bass and the colonization of reef structures by blue mussels, barnacles and other marine invertebrates. Such studies help assess the effectiveness of reef construction efforts in providing habitat for New Jersey's marine life.

New Jersey's Artificial Reef Site Locations

This notice provides the boundaries, in both LORAN C and latitude and longitude, of New Jersey's 14 reef sites. All of the reef sites have been plotted as "Fish Havens" on current NOAA nautical charts. Fish havens (reef sites) are delineated as blue-shaded areas on NOAA nautical charts. Please retain this notice on your vessel and refer to appropriate nautical charts to identify the location of reefs in the area of ocean you are working.

SANDY HOOK REEF SITE-1.4 Nautical Miles off Sea Bright

	Latitude	Longitude	LORAN C	
NE Corner	40°23'18"	73°55'53"	26945.2x	43663.6y
NW Corner	40°23'18"	73°56'36"	26950.5x	43664.3y
SE Corner	40°20'53"	73°55'53"	26938.1x	43638.3y
SW Corner	40°20'18"	73°56'36"	26943.6x	43639.0y

SEA GIRT REEF SITE-3.6 Nautical Miles off Sea Girt

	Latitude	Longitude	LORAN C	
NE Corner	40°08'22"	73°55'52"	26902.7x	43510.0y
NW Corner	40°08'63"	73°55'73"	26905.5x	43514.6y
SE Corner	40°06'13"	73°57'12"	26909.3x	43490.0y
SW Corner	40°06'17"	73°57'57"	26912.7x	43490.6y

GARDEN STATE NORTH REEF SITE-6.5 Nautical Miles off Harvey Cedars

	Latitude	Longitude	LORAN C	
NE Corner	39°38'03"	74°00'42"	26870x	43200y
NW Corner	39°37'59"	74°02'12"	26880x	43200y
SE Corner	39°37'03"	74°01'00"	26870x	43190y
SW Corner	39°37'00"	74°02'30"	26880x	43190y

GARDEN STATE SOUTH REEF SITE-5.1 Nautical Miles off Spray Beach

	Latitude	Longitude	LORAN C	
NE Corner	39°33'49"	74°05'45"	26895x	43157y
NW Corner	39°33'48"	74°07'12"	26905x	43157y
SE Corner	39°33'32"	74°05'51"	26895x	43152y
SW Corner	39°33'31"	74°07'21"	26905x	43152y

LITTLE EGG REEF SITE-4.0 Nautical Miles off Holgate

	Latitude	Longitude	LORAN C	
NE Corner	39°29'00"	74°10'00"	26912.9x	43106.5y
NW Corner	39°29'00"	74°12'00"	26926.1x	43106.6y
SE Corner	39°28'00"	74°10'00"	26910.8x	43095.9y
SW Corner	39°28'00"	74°12'00"	26924.1x	43096.0y

ATLANTIC CITY REEF SITE-12.2 Nautical Miles off Atlantic City

	Latitude	Longitude	LORAN C	
NE Corner	39°16'54"	74°15'17"	26892x	42946y
NW Corner	39°16'13"	74°16'11"	26897x	42950y
SE Corner	39°13'56"	74°11'48"	26897x	42938y
SW Corner	39°13'18"	74°12'42"	26901x	42942y

GREAT EGG REEF SITE-7.2 Nautical Miles off Atlantic City

	Latitude	Longitude	LORAN C	
NE Corner	39°15'00"	74°21'00"	26953.3x	42955.5y
NW Corner	39°15'00"	74°22'00"	26959.6x	42955.5y
SE Corner	39°14'00"	74°21'00"	26951.2x	42944.8y
SW Corner	39°14'00"	74°22'00"	26957.5x	42944.6y

OCEAN CITY REEF SITE-4.5 Nautical Miles off Ocean City

	Latitude	Longitude	LORAN C	
NE Corner	39°10'45"	74°32'27"	27014.5x	42906.5y
NW Corner	39°11'06"	74°32'51"	27017.5x	42910.5y
SE Corner	39°09'24"	74°34'37"	27025.5x	42892.5y
SW Corner	39°09'49"	74°34'58"	27027.5x	42896.5y

SHARK RIVER REEF SITE-15.6 Nautical Miles off Manasquan

	Latitude	Longitude	LORAN C	
NE Corner	40°07'20"	73°41'05"	26793x	43490y
NW Corner	40°07'20"	73°41'48"	26799x	43491y
SE Corner	40°06'12"	73°41'05"	26790x	43479y
SW Corner	40°06'12"	73°41'48"	26796x	43480y

AXEL CARLSON REEF SITE-2.0 Nautical Miles off Mantoloking

	Latitude	Longitude	LORAN C	
NE Corner	40°03'43"	73°58'34"	26914.2x	43465.9y
NW Corner	40°04'11"	73°59'45"	26924.1x	43471.5y
SE Corner	40°59'50"	73°59'24"	26910.8x	43426.5y
SW Corner	40°00'21"	74°00'39"	26921.1x	43432.6y

BARNEGAT LIGHT REEF SITE-3.1 Nautical Miles off Barnegat

WILDWOOD REEF SITE-4.5 Nautical Miles off Wildwood

	Latitude	Longitude	LORAN C	
NE Corner	39°45'52"	74°01'06"	26890.0x	43282.5y
NW Corner	39°45'52"	74°01'57"	26895.9x	43282.7y
SE Corner	39°44'37"	74°01'06"	26887.2x	43269.4y
SW Corner	39°44'37"	74°01'57"	26893.1x	43269.7y

	Latitude	Longitude	LORAN C	
NE Corner	38°58'42"	74°39'49"	27029.9x	42761.1y
NW Corner	38°57'48"	74°41'00"	27038.8x	42770.5y
SE Corner	38°56'35"	74°41'24"	27036.4x	42746.8y
SW Corner	38°57'33"	74°42'36"	27045.6x	42757.0y

DEEPWATER REEF SITE-23.6 Nautical Miles off Ocean City

	Latitude	Longitude	LORAN C	
NE Corner	38°59'00"	74°10'30"	26856.5x	42786.5y
NW Corner	38°59'00"	74°11'30"	26862.6x	42786.1y
SE Corner	38°58'00"	74°10'30"	26854.7x	42775.8y
SW Corner	38°58'00"	74°11'30"	26860.8x	42775.4y

CAPE MAY REEF SITE-8.5 Nautical Miles off Cape May

	Latitude	Longitude	LORAN C	
NE Corner	38°53'27"	74°39'26"	27018x	42713y
NW Corner	38°53'58"	74°40'37"	27026x	42719y
SE Corner	38°50'04"	74°42'15"	27027x	42674y
SW Corner	38°50'40"	74°43'15"	27034x	42679y
