










# For safe boating:

-  Wear a life jacket or personal flotation device on boats longer than 26 feet whenever the weather is rough, and on small boats at all times, regardless of weather.
-  If your boat has lifelines, stay inside them.
-  Keep an eye open for other boats at all times, especially after dark, and for flotsam big enough to damage your hull.
-  Carry a good flashlight with strong, fresh batteries.
-  Be alert for changes in weather, especially wind direction.
-  Carry a life ring or floating cushion that you can throw to someone in the water. A long, heavy-duty heaving line for hauling people aboard is also a good idea.
-  Keep all lines coiled and shipshape at all times. Sloppy piles of line can trip people and send them overboard.

 Make sure your boat meets all legal requirements. Call your local Coast Guard auxiliary office or a local marina to arrange a safety inspection. The Coast Guard and the Michigan Department of Natural Resources can also tell you of any laws that affect boating, including licensing, required safety equipment, hours of operation and other regulations.

 Be alert to others in trouble — capsized boats, tired swimmers or even someone who needs a bilge pump or bailing can in a hurry. Be careful, though. Don't come on so strong that you get your own boat in trouble.

Coast Guard publications carry diagrams of uniform state waterway markers likely to be encountered by boaters. One type of Coast Guard marker is a cylindrical white-and-orange buoy. A set of 64 of these navigational buoys warns boaters away from a 2 1/2-mile-long fish barrier net that extends around Consumers Energy and Detroit Edison's Ludington Pumped Storage Power Plant. The net is designed to reduce fish loss associated with plant operations when fish are most abundant near the plant.

**Safety tips provided by the Boy Scouts of America.**

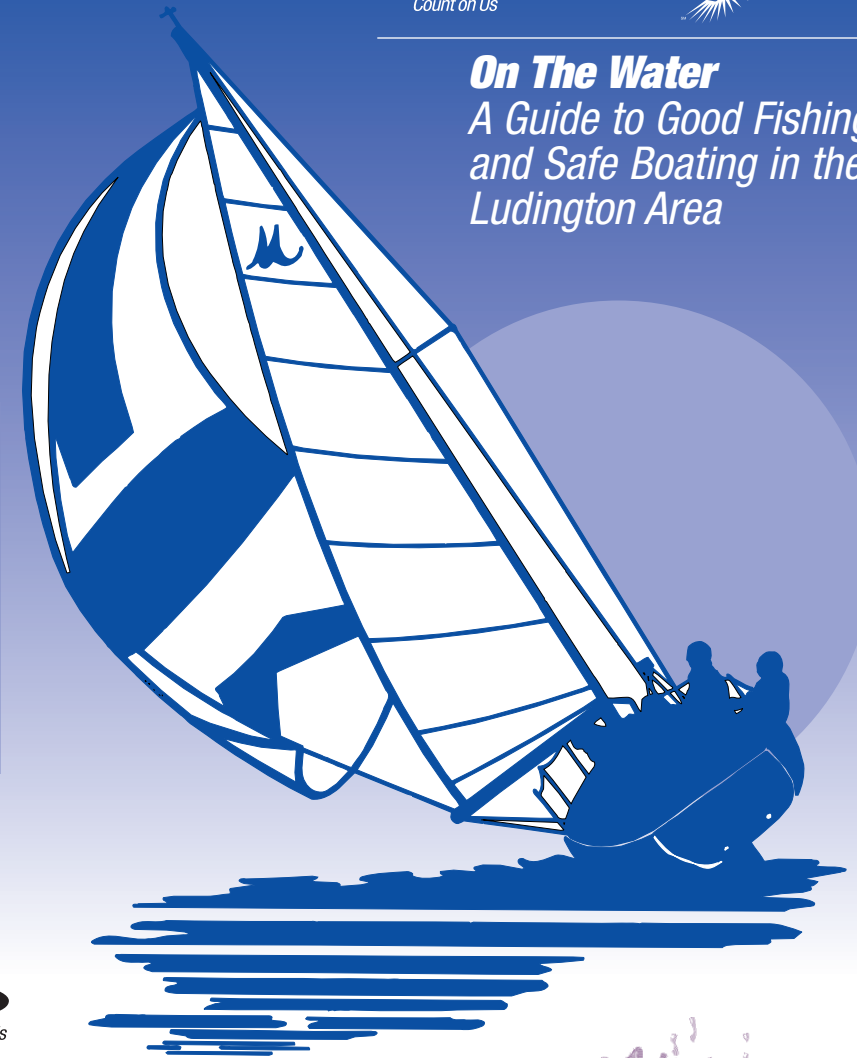
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## On The Water A Guide to Good Fishing and Safe Boating in the Ludington Area

*Lighted and navigational buoys warn boaters away from a fish barrier net at Consumers Energy and Detroit Edison's Ludington Pumped Storage Power Plant, south of Ludington.*

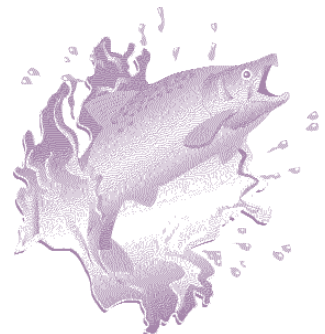


Consumers Energy  
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Ludington Pumped Storage Plant  
3525 South Lakeshore Drive  
Ludington, MI 49431

Owned by Consumers Energy  
and Detroit Edison.  
Operated by Consumers Energy.



The Ludington Pumped Storage Plant's operations vary, depending on weather and electric system conditions. Turbines at the plant may be started or stopped at any time, influencing local Lake Michigan currents and/or conditions. A warning horn sounds when a unit at the plant begins operating whenever the fish barrier net is in the lake.

Boaters and anglers should maintain a safe distance outside the fish barrier net and buoys, and should not attach their boats to the net at any time. The net's position can, without warning, shift dramatically due to turbulent water. Its top skirt is designed to float at times and be submerged at times and therefore may be damaged by or entangle watercraft.

Consumers Energy and Detroit Edison ask for your cooperation in making your fishing or boating experience safe and happy.

# Tips for a good catch

## Spring fishing

The best baits for trolling for browns and steelhead have been small spoons and body baits. Body baits are black with a red stripe and brown with silver sides. Small spoons that work well are silver plated with blue or hot pink stripes. Most fishing is done close to shore near the mouths of rivers, where the water is warmer and small schools of bait and smelt are found.

## Summer fishing

Fishing near Ludington is primarily at three areas.

At Big Point Sable on Lake Michigan, north of Ludington, fishing for all species of fish is good because of wide variations in water depth and temperature. In one mile of fishing, depths could change from 35 feet to 400 feet.

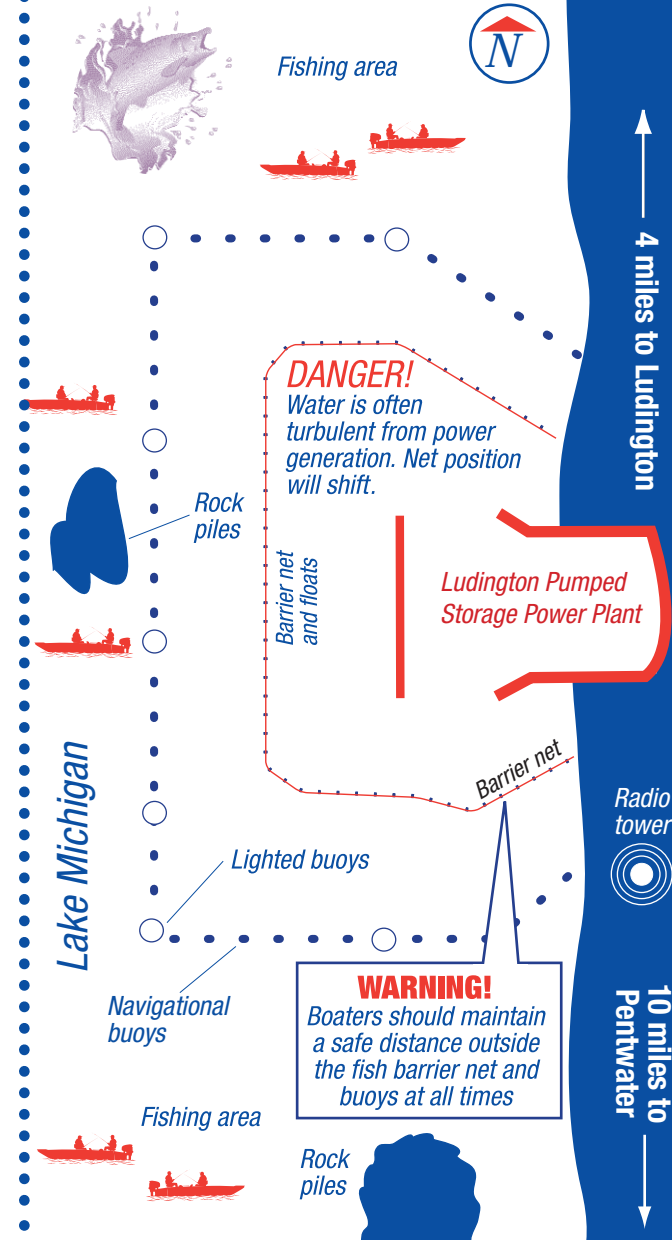
Straight west of Dow Chemical Co.'s Ludington stacks, on Lake Michigan, is another favorite, usually offering steelhead, salmon and lake trout. Here, a depth of 60 to 120 feet is usually best. Good baits here are black/raspberry, char-trueuse/bluish green stripe (M&M), silver and green glow and the glow frog spoon.

Fishing is generally good near the Ludington Pumped Storage Plant. Water there holds bait fish, which keeps large predators near.

There, spoons work well on salmon, steelhead, coho and lake trout. Perch fishing near the plant seems to pick up when the water gets up to about 55 degrees. Small spoons tipped with wigglers and crab claws work well but experimenting with other baits and spoons sometimes pays off. Perch fishing is good on rock formations north and south of the plant, and straight west of the plant's fish barrier net in about 60 feet of water.



# Ludington Pumped Storage Power Plant Fishing Guide



### Approximate Loran coordinates for corner lighted buoys outside net

Southwest buoy:	Lat.	43°-53'-14"
	Long.	86°-27'-32"
Northwest buoy:	Lat.	43°-54'-28"
	Long.	86°-27'-38"

These lighted buoys are located in about 50 feet of water.

### Preferred water temperatures for fish species

Lake trout	40°-55°
Steelhead	50°-68°
Brown trout	50°-65°
Salmon	52°-54°
Lake perch	53°-58°