



US Army Corps of Engineers

KINZUA DAM & ALLEGHENY RESERVOIR

PITTSBURGH DISTRICT

Kinzua Dam and Allegheny Reservoir, authorized by the Flood Control Acts of 1936 and 1938, is one of 16 flood damage reduction projects in the Pittsburgh District. Kinzua Dam provides protection from Allegheny River flooding for Warren, Pa. In conjunction with other Pittsburgh District projects, Kinzua also helps to substantially reduce flooding along the Allegheny and upper Ohio River valleys. Kinzua Dam's flood control capabilities were dramatically demonstrated during the June 1972 flood resulting from Tropical Storm Agnes, when an estimated \$247 million in flood damages were prevented. Since its completion in 1965, Kinzua has prevented flood damages estimated at more than \$360 million.

The reservoir also provides water during dry periods, which have the effect of reducing pollution and improving water quality and quantity for domestic, industrial, and recreational uses. This flow regulation also helps maintain navigable depths for commercial and recreational vessels on the Allegheny and upper Ohio Rivers.

Another benefit provided by Kinzua is hydroelectric power generation. Seneca Power Station, provides 400,000 kilowatts per hour at peak capacity. This is enough power to service approximately 266,400 homes per year at full capacity.

Entirely surrounded by forest, the Kinzua Dam



and Allegheny Reservoir are at the heart of one of the largest and most popular outdoor recreation areas in the northeastern United States. The U.S. Army Corps of Engineers invites you to visit the reservoir and discover year-round recreational opportunities. The Big Bend Visitor Center, located just downstream of Kinzua Dam, contains exhibits about the Corps' mission and notable floods. Educational information, which explains and illustrates the purposes of the dam, and Seneca Power Station, as well as the industry, transportation, and rich history of the Allegheny Valley, is also available. The center is open from Memorial Day weekend through Labor Day, and weekends in September and October.

The boat launch at the Big Bend Outflow Area provides access to the Allegheny River, a popular choice for outdoor adventure. A popular float is the four-hour trip from Kinzua Dam to Warren. Allegheny Reservoir's 91 miles of shoreline and deep waters have made it a popular site for power boaters and water skiers. The irregular shoreline provides many inlets and backwater areas for canoes and small fishing boats to explore. Anglers on the Allegheny Reservoir and River have an excellent opportunity to land walleye, smallmouth bass, trout, panfish, and an occasional musky or northern pike.

Allegheny National Forest

The U.S. Forest Service manages thousands of acres of developed recreation areas and rustic backwoods sites. Ten campgrounds of varying sizes and facilities are available. Kinzua-Wolf Run Marina and six boat launches located within the National Forest provide access to the reservoir. Two swim beaches and several scenic picnic areas are also available.

Allegheny State Park

In New York, Allegheny State Park's 65,000 acres contains two major recreation areas and many opportunities for outdoor recreation. Cabins can be rented year-round and campgrounds are equipped with electric hookups. Recreation areas also provide hiking, biking, and cross-country ski trails, picnic areas and swim beaches.

Onoville Marina Park



Located along Allegheny Reservoir's western shoreline in New York, Onoville Marina Park is leased to Cattaraugus County by the Corps of Engineers. Park facilities include more than 400 dock spaces, six launch lanes, two campgrounds, and picnic facilities.

Seneca Nation of Indians

Nearly the entire portion of Allegheny Reservoir's New York shoreline is bounded by the Allegheny Indian Reservation, managed by the Seneca Nation of Indians. Highbanks Campground provides facilities for both tent and RV camping, as well as cabin rentals. A boat launch, swimming pool and camp store are located within the campground. The Seneca Indians have a long and rich history in the area. The Seneca-Iroquois Museum, located in the city of Salamanca, contains exhibits about their history, culture and folklore.



Kinzua Dam
1205 Kinzua Road
Warren, PA 16365
(814) 726-0661
Lake & Recreation Information:
(814) 726-0164
www.lrp.usace.army.mil/rec/rec.htm

Allegheny National Forest
4 Farm Colony Drive
Warren, PA 16365
(814) 723-5150
<http://www.fs.fed.us/r9/forests/allegheny>

Allegheny State Park
2373 ASP Route 1, Suite 3
Salamanca, NY 14779
(716) 354-9121

<http://www.nysparks.state.ny.us/parks/info.asp?parkID=91>

Seneca Nation of Indians Administration Building
P.O. Box 231
Salamanca, NY 14779
(716) 945-1790
<http://www.sni.org>

Onoville Marina Park
704 West Perimeter Road
P.O. Box B
Steamburg, NY 14783
(716) 354-2615
<http://www.onoville.org>



Dam and Lake Statistics

Location: On the Allegheny River in Warren County, Pa, approximately 198 miles above the river mouth at Pittsburgh, PA The reservoir is located in Warren and McKean Counties, PA and Cattaraugus County, New York.

Purposes: Flood control, navigation, power generation, pollution abatement, and recreation.

Total Area: 26,541 acres
Drainage area above dam: 2,180 sq. mi.
Construction costs: \$108,000,000

Dam

Type of structure:
Concrete dam and earthen embankment

Volume of concrete and earthfill:
. 3,500,000 cu yd
Maximum height above streambed:
. 179 ft.
Total length: 1,877 ft.

Maximum width at base:
Concrete 195 ft.
Earthen embankment 1,050 ft.

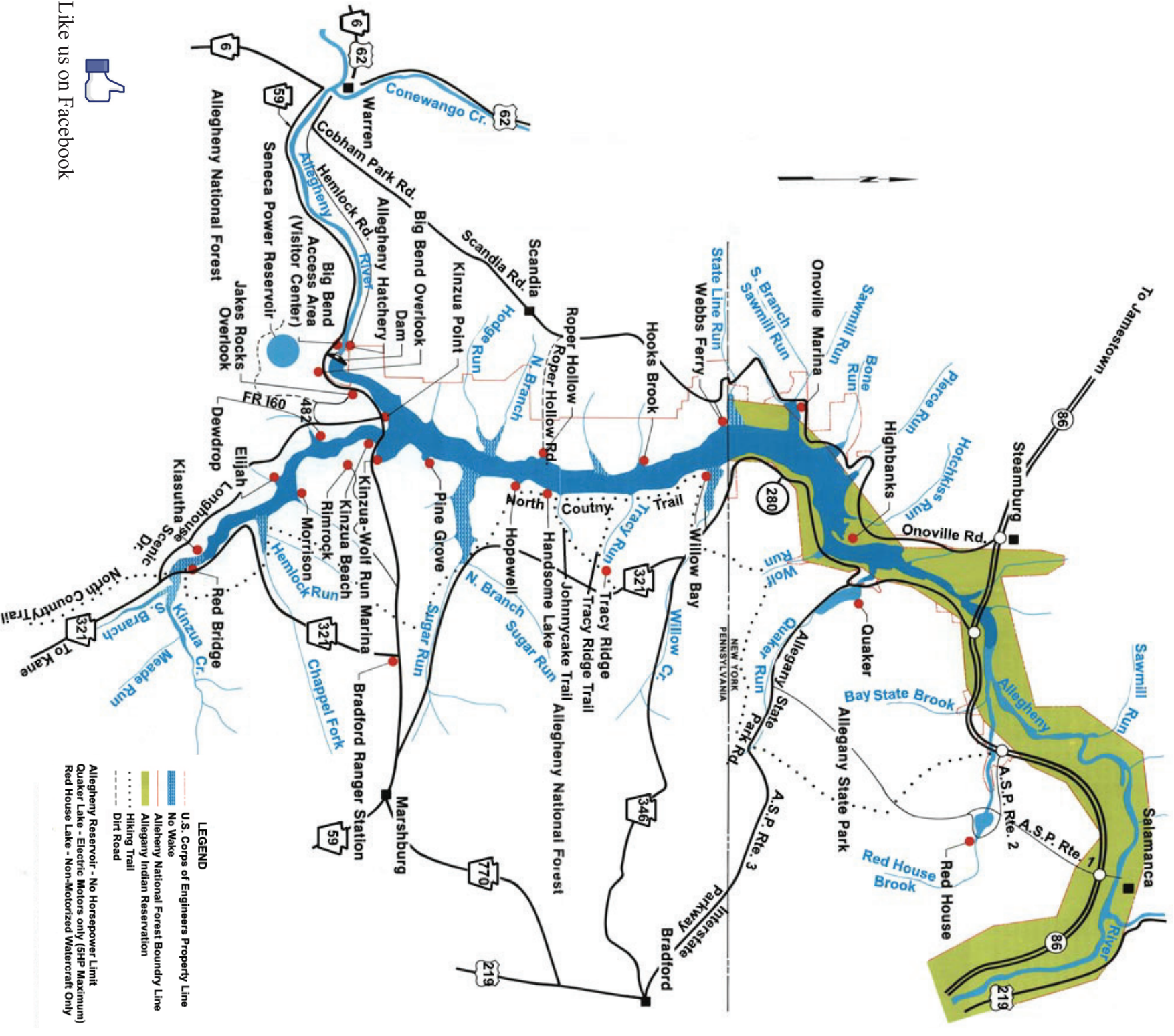
Outlet works:
. Four 24' x 45' crest gates
. Eight 5'8" x 10' discharge sluices

Two 15' diameter hydroelectric penstocks

Lake

Length at normal pool: 24.2 mi.
Summer Area: 12,080 acres
Maximum Area: 21,180 acres

Elevation above sea level:
Streambed at dam: 1,198 ft.
Summer Pool: 1,328 ft.
Maximum Pool: 1,365 ft.



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Kinzua Dam and Allegheny Reservoir

	CE	CE	CC	SNI
Big Bend Access Area				
Big Bend Overlooks	●	●		
Bradford Ranger Station		●		
Dewdrop	●	●		
Elijah Boat Launch				
Handsome Lake				●
Highbanks				●
Hooks Brook				●
Hopewell				●
Jakes Rocks				●
Kiasutha				●
Kinzua Beach				●
Kinzua Point				●
Kinzua- Wolf Run Marina				●
Morrison Run				●
Onoville				●
Pine Grove				●
Quaker				●
Red Bridge				●
Red House				●
Rimrock				●
Roper Hollow Boat Launch				●
Tracy Ridge				●
Webbs Ferry Boat Launch				●
Willow Bay				●

CE - Corps of Engineers CC - Cattaraugus County, NY SNI - Seneca Nation of Indians
 SP - Allegheny State Park If not marked it is part of the Allegheny National Forest

Enjoy a safe outing. Observe these safety tips!

Water Hazards
 Boat with caution! Be especially aware of the existence of underwater obstructions, which include stumps, logs, and rocks. Selected bays at Allegheny Reservoir have shallow water fish attractors in place, which are marked with round orange buoys. Floating debris may also be at or near the lake surface as a result of fluctuating lake levels. Boaters, skiers, and swimmers should be watchful for these hazards. Diving into any area of the lake is hazardous and strongly discouraged.

Life Jackets
 When boating, the best protection against drowning is to wear your life jacket. U.S. Coast Guard approved life jackets are required if you are less than 13 years of age, a non-swimmer, are on a boat less than 16 feet in length, or are in a canoe or kayak. Know the rules before you go out on the water.

Cold Weather Activities
 Stay dry, dress in several layers of clothing, and wear a hat to conserve body heat. Severe shivering, lack of coordination and confusion are symptoms of hypothermia, a critical condition due to subnormal body temperatures.

Hunters
 Hunting is permitted on Corps and adjoining National Forest lands except in developed recreation areas and posted areas. Exercise extreme caution with firearms at all times. The area is used by others throughout the hunting season.

Play It Safe
 Swimmers should swim only at designated areas. NEVER SWIM ALONE! Children should remain under close supervision at all times, especially when playing in or around the water.

Tailwaters
 Do not wade into Kinzua's tailwaters; the bottom is unstable and the currents are unpredictable and treacherous. WADING IN THE TAILWATERS AREA IS STRICTLY PROHIBITED!

Think Before Wading
 Kinzua's shorelines tend to be steep with sudden dropoffs into deep water. Don't put yourself in a "no escape" situation.

Remember ...
 The major causes of drowning are insufficient swimming skills, use of alcohol, failure to wear a PFD, and hypothermia associated with cold water.

Alcohol and Boating Don't Mix
 Don't drink while operating a boat. Alcohol consumption is a contributing factor in at least 50 percent of all drownings and is a major cause of death in recreational boating accidents.

Alcoholic beverages are prohibited on all Corps of Engineers lands and waters!

Be alert to changing weather and lake conditions
 Storms can come on very quickly. If lightning is spotted, head for the shore immediately and seek out a safe location.

Firearms and ammunition
 The US Army Corps of Engineers does not honor State-issued concealed weapon permits, prohibits loaded concealed weapons, the possession of loaded firearms or ammunition on lands and waters administered by the US Army Corps of Engineers per 36 C.F.R. § 327.13(a).

Federal rules and regulations concerning the use of this lake are set forth in Title 36, Chapter III of the Code of Federal Regulations and are on display in the areas of this lake most frequently used by the public.