

Lower Black Bear Creek Watershed Dam No. 19M

Lake Lone Chimney

Payne and Pawnee Counties, Oklahoma



Protecting Our People - Protecting Our Natural Resources

This is one of 2,107 examples of how local, state and federal government agencies have worked together to utilize the Natural Resources Conservation Service Watershed Program to address natural resource needs and improve the quality of life for thousands of Oklahomans.*

Lower Black Bear Creek Watershed Dam No. 19M

Lower Black Bear Creek Watershed Dam No. 19M, also known as Lake Lone Chimney, is located in southern Pawnee County. Lake water from the dam extends into northeast Payne County.

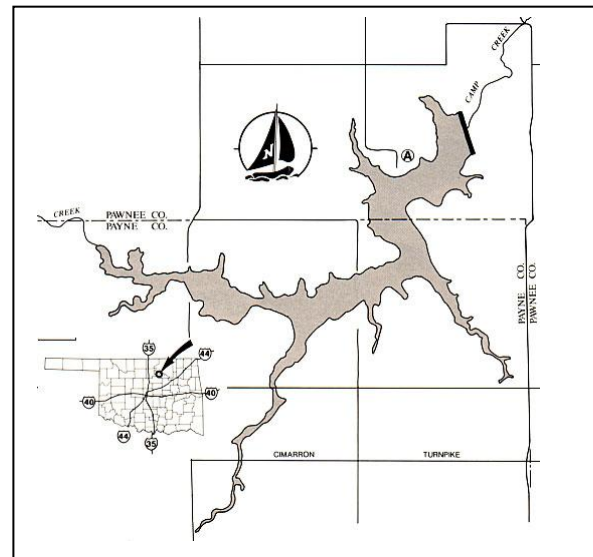
The dam was constructed in 1980 by the Tri-County Development Authority, Pawnee County Conservation District and the Black Bear Conservancy District with the assistance of the Oklahoma Conservation Commission and the USDA Natural Resources Conservation Service (NRCS) Watershed Protection and Flood Prevention Program.

While the primary purpose of the dam is to provide flood control the 66-foot high dam has created a 550 surface acre lake that is the sole or primary water source for the towns of Glencoe, Morrison, Yale, Blackburn, Skedee, Maramec and Terlton. It also provides 40 percent of the municipal water used by the larger towns of Cleveland and Pawnee. When constructed an additional 4,212 acre feet of water storage was added to the dam for use as municipal water.

The lake also serves as a major recreational area with seventeen miles of shoreline and facilities including boat ramps, fishing docks and picnic areas.

The dam is one of nineteen constructed flood control dams in the Lower Black Bear Watershed Project (16 in Pawnee County and 3 in Noble County). Together these dams provide \$1.9 million in average annual benefits. The dams provide flood protection for over 280 farms and ranches, bridges, roads and homes.

Flooding was a major problem in the watershed before the dams were constructed. Between 1935 and 1954 there were seven major floods (those where floodwater covered over 50 percent of the floodplain) and 73 smaller floods in the watershed. Floodwaters destroyed crops, down livestock, caused soil erosion and damaged roads and bridges.



Lake Lone Chimney provides flood control, water supplies and a recreational area for boating, fishing and picnicking.

The Lower Black Creek Watershed Project is one of 129 projects in Oklahoma that have been planned and implemented by local people with assistance from the USDA Natural Resources Conservation Service and the Oklahoma Conservation Commission.

*2,107 NRCS-assisted flood control dams have been constructed in 61 Oklahoma counties. These watershed projects, that also include thousands of conservation practices, provide over \$81 million in average annual benefits.

For additional information about watershed projects in the state visit the Oklahoma Conservation Commission website at: <http://conservation.ok.gov> or visit your local conservation district and NRCS office.



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