

**United States Department of Agriculture
Natural Resources Conservation Service
(NRCS)**

Watershed Protection and Flood Prevention Act
PL-566 Flood Control Structures in Kentucky
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What is PL-566?

- Congressionally authorized program to help rural communities with flood prevention and watershed protection
- Administered by the Natural Resources Conservation Service as directed by the Secretary of Agriculture.
- Implemented locally by project sponsors

PL-566 dam locations across Kentucky

Over 11,000 flood control dams have been built across the county in 2000 watersheds in 47 states since 1948.

NRCS-KY has constructed 202 dams under PL-566 and PL-534

PL-566 Location Map

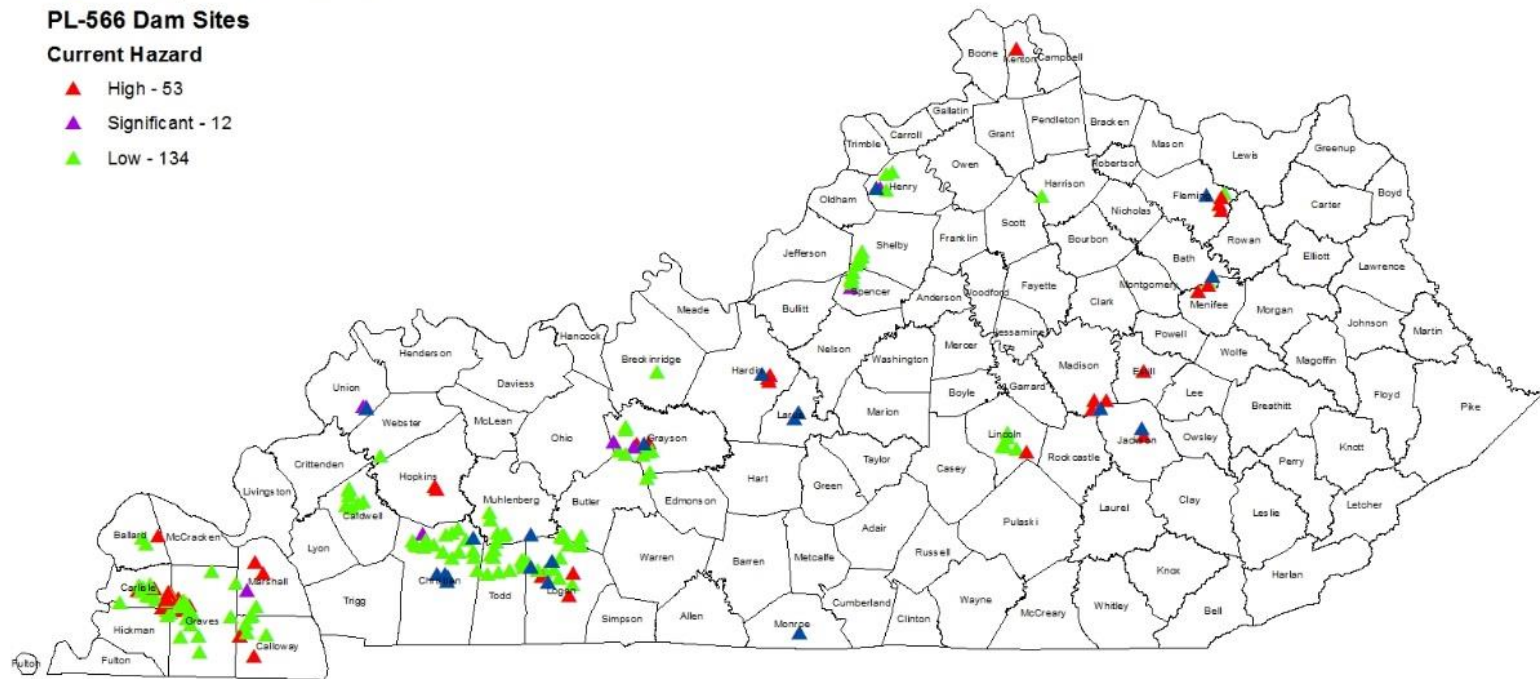
Legend

- ▲ Multi-Purpose Structure Locations

PL-566 Dam Sites

Current Hazard

- ▲ High - 53
- ▲ Significant - 12
- ▲ Low - 134



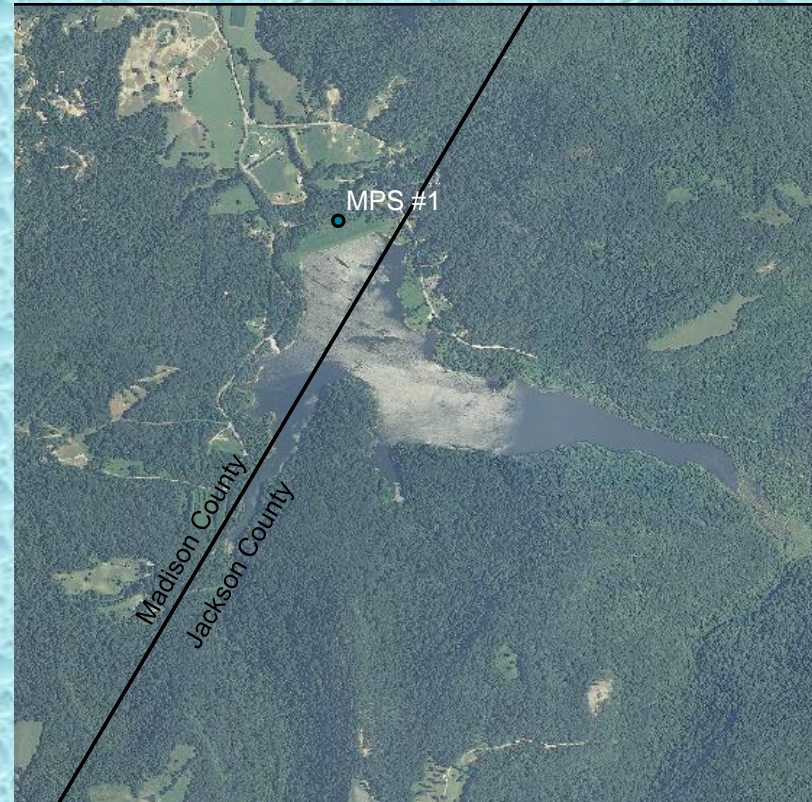
Some as small as 3 acres



Some as large as 150 acres or more

Red Lick Creek #1, Madison County

- Constructed in 1975, as a significant hazard dam
- 4500 acre drainage area
- 55 feet tall, 151 acre pool area
- Designed to provide flood control and municipal water supply



Most are in rural settings, but several serve as water supply for local communities



Dams with surface area greater than 74 acres

<u>DAM NAME</u>	<u>COUNTY</u>	<u>SURF AREA (acres)</u>
RED LICK CREEK FRS #2	MADISON	74
BIG MUDDY CREEK FRS # 2	BUTLER	106
UPPER TRADEWATER RIVER FRS # 5	CHRISTIAN	109
MILL CREEK MPS # 4	MONROE	109
LITTLE KENTUCKY RIVER MPS # 1	HENRY	137
FOX CREEK MPS #4	FLEMING	80
MUD RIVER MPS # 2A	LOGAN	147
RED LICK CREEK MPS # 1	MADISON	151
NORTH FORK LITTLE RIVER MPS # 3	CHRISTIAN	166
NORTH FORK LITTLE RIVER MPS # 4A	CHRISTIAN	170
VALLEY CREEK MPS # 4	HARDIN	179
MUD RIVER MPS # 6A	LOGAN	240
CANEY CREEK MPS # 2	GRAYSON	77
NORTH FORK LITTLE RIVER MPS # 4B	CHRISTIAN	78
MUD RIVER MPS # 51	MUHLENBERG	826
NORTH FORK LITTLE RIVER MPS # 5	CHRISTIAN	89
NORTH FORK NOLIN RIVER MPS # 15	LARUE	91
EAST FORK CLARKS RIVER FRS # 28A	MARSHALL	96
OBION CREEK FRS # 2	GRAVES	97
EAST FORK POND RIVER FRS # 5A	CHRISTIAN	99
NORTH FORK NOLIN RIVER MPS # 3	LARUE	99

List of Multi-purpose structures

PL-566 Multipurpose Dams Kentucky - NRCS							
<u>DAM NAME</u>	<u>COUNTY</u>	<u>PURPOSE</u>	<u>YEAR BUILT</u>	<u>SERVICE LIFE (YEARS)</u>	<u>POOL AREA (AC)</u>	<u>CURRENT HAZARD</u>	<u>DESIGN HAZARD</u>
CANEY CREEK MPS # 2	GRAYSON	Flood Control and Storm Water Management, Water Supply, Recreation	1965	50	77	S	S
CYPRESS CREEK MPS # 3	UNION	Flood Control and Storm Water Management, Recreation	1965	50	49	S	S
EAST FORK POND RIVER MPS # 7B*	CHRISTIAN	Flood Control and Storm Water Management, Industrial	1964	50	34	L	L
FOX CREEK MPS # 4	FLEMING	Flood Control and Storm Water Management, Recreation	1968	100	74	H	S
LITTLE KENTUCKY RIVER MPS # 1	HENRY	Flood Control and Storm Water Management, Recreation	1967	50	137	H	H
MILL CREEK MPS # 4	MONROE	Flood Control and Storm Water Management, Water Supply, Recreation	1972	100	109	H	S
MUD RIVER MPS # 2A	LOGAN	Flood Control and Storm Water Management, Water Supply	1968	50	147	S	S
MUD RIVER MPS # 33	LOGAN	Flood Control and Storm Water Management, Water Supply	1963	50	51	L	L
MUD RIVER MPS # 51	MUHLENBERG	Flood Control and Storm Water Management, Fish and Wildlife	1961	50	826	S	S
MUD RIVER MPS # 6A	LOGAN	Flood Control and Storm Water Management, Water Supply	1975	50	240	H	H
NORTH FORK LITTLE RIVER MPS # 3	CHRISTIAN	Flood Control and Storm Water Management, Water Supply	1964	50	166	H	H
NORTH FORK LITTLE RIVER MPS # 4A	CHRISTIAN	Flood Control and Storm Water Management, Water Supply	1966	50	170	H	H
NORTH FORK LITTLE RIVER MPS # 4B	CHRISTIAN	Flood Control and Storm Water Management, Water Supply	1965	50	78	H	H
NORTH FORK LITTLE RIVER MPS # 5	CHRISTIAN	Flood Control and Storm Water Management, Fish and Wildlife	1962	50	89	H	H
NORTH FORK NOLIN RIVER MPS # 15	LARUE	Flood Control and Storm Water Management, Recreation	1983	100	91	H	H
NORTH FORK NOLIN RIVER MPS # 3	LARUE	Flood Control and Storm Water Management, Water Supply	1977	100	99	H	H
PIGEON ROOST MPS # 1	JACKSON	Flood Control and Storm Water Management, Water Supply	1999	100	19	H	H
RED LICK CREEK MPS # 1	MADISON	Flood Control and Storm Water Management, Water Supply	1975	100	151	H	S
SALT LICK CREEK MPS # 3	BATH	Flood Control and Storm Water Management, Fish and Wildlife	1982	100	40	H	S
VALLEY CREEK MPS # 4	HARDIN	Flood Control and Storm Water Management, Water Supply, Recreation	1966	100	179	H	H
*Additional storage added after design and construction							
20 MPS							

Under-valued resource across the state

- **Several require upgrades**
- **Opportunities to increase water storage**
- **No protection from downstream development**



Roller Compacted Concrete Spillway Over the Center of an Existing Dam



*Finished Rehabilitation Project Downstream View
Fleming County, Kentucky*

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