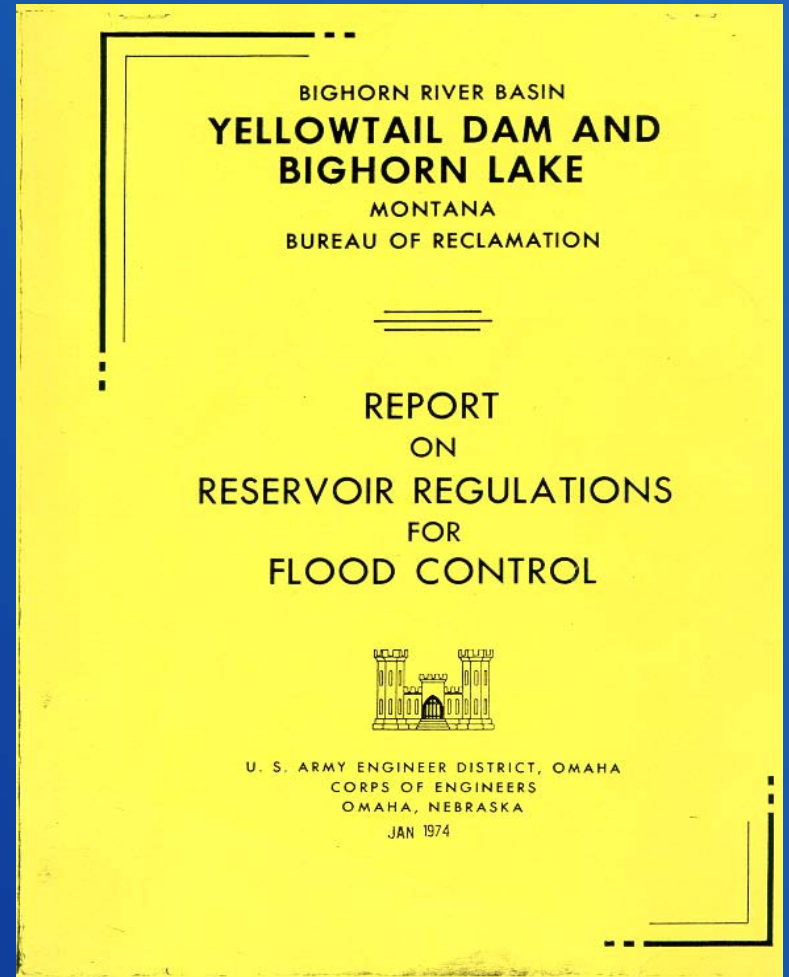


# Operating Considerations for Flood Control

Flood control operations are closely coordinated with the Army Corps of Engineers in Omaha.



RECLAMATION

# Operating Considerations for Flood Control

## Joint-Use Storage Regulation (3614-3640).

Reclamation and the Corps are jointly responsible for the regulation of the storage space between elevation 3614-3640, the joint-use storage zone. Reclamation is responsible for the regulation of the storage below elevation 3614.

## Exclusive Flood Control Regulation (3640-3657).

The Corps is responsible for the regulation of the storage space between elevation 3640-3657, the exclusive flood control zone.

## Surcharge Flood Regulation (3657-3660).

Reclamation is solely responsible for the regulation of the storage space between elevation 3657-3660, the surcharge storage zone.

## Operating Considerations for Flood Control

For flood control purposes, open water flows of 20,000 cfs and 25,000 cfs, respectively, at St. Xavier and Bighorn on the Bighorn River and 65,000 cfs on the Yellowstone River at Miles City are considered bankfull. In many areas the river consists of multiple channels, some of which are normally dry during periods of low flows. As a result during periods of flood stage or near bankfull flow, temporary forming of islands and minor flooding may occur.

# Operating Considerations for Flood Control

Desired Control. Project releases will be made as necessary to prevent the discharge and/or stage from exceeding:

20,000 cfs	14.2 feet	@ St. Xavier
25,000 cfs	10.2 feet	@ Bighorn
65,000 cfs	13.0 feet	@ Miles City
100,000 cfs	19.0 feet	@ Sidney

Exception to this would be in the event of occurrence of high inflows in combination with pool elevations above elevation 3649. Releases greater than 20,000 cfs may be required.