Photograph courtesy of U.S. Army Corps of Engineers.

Extensive flooding in Riverside, Idaho, June 7, 1976. Interstate highway 15 at Blackfoot, Idaho, in foreground.

TETON DAM FLOOD, SOUTHEASTERN IDAHO, JUNE 1976

The failure of the Teton Dam caused extreme flooding along the Teton River, Henrys Fork, and Snake River in southeastern Idaho on June 5–8, 1976. No flooding occurred downstream from American Falls Reservoir.

The inundated areas and maximum water-surface elevations are shown in a series of 17 hydrologic atlases. The area covered by the atlases extends from Teton Dam downstream to American Falls Reservoir, a distance of 100 miles.

The extent of flooding shown on the maps was obtained by field inspections and aerial photographs made during and immediately after the flood. There may be small isolated areas within the boundaries shown that were not flooded, but the identification of these sites was beyond the scope of the study. The elevation data shown are mean-sea-level elevations of high-water marks identified in the field.

Additional information on the magnitude of flood discharges, changes in ground-water levels, water quality, and other hydrologic effects resulting from the flood are available from the office of the U.S. Geological Survey in Boise, Idaho.

EXPLANATION

Area inundated by floodwater from Teton Dam

4469.6 High-water mark in feet above mean sea level

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1969. Field checked 1971

Projection and 10,000-foot grid ticks: Idaho coordinate system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue. 1927 North American datum

Fine red dashed lines indicate selected fence lines

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface — Light-duty road, hard or improved surface
Secondary highway, hard surface — Unimproved road
Interstate Route — U. S. Route — State Route

For sale by Branch of Distribution, U.S. Geological Survey, 1200 South Eads Street, Arlington, VA 22202 and Branch of Distribution, U.S. Geological Survey, Box 25286, Federal Center, Denver, CO 80225

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TETON DAM FLOOD OF JUNE 1976, MORELAND QUADRANGLE, IDAHO

By Larry L. Hubbard and John H. Bartells