

Snake River overflowing into Idaho Falls, Idaho, about 11 a.m., June 6, 1976. Photograph courtesy of U.S. Bureau of Reclamation.

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.

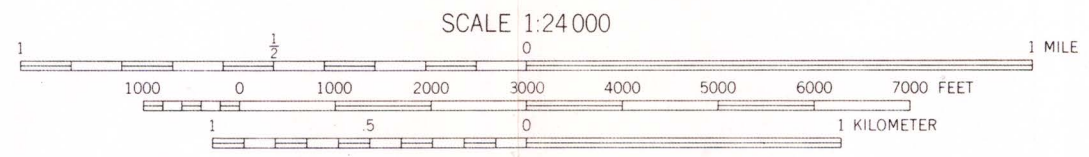
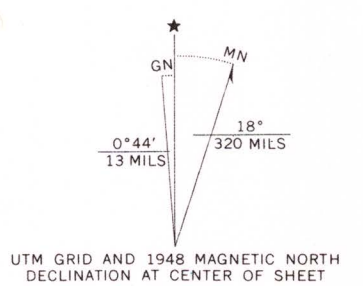
Additional information on the magnitude of flood discharges, changes in ground-water levels, water quality, and other hydrologic effects resulting from the flood are available from the office of the U.S. Geological Survey in Boise, Idaho.

EXPLANATION

Area inundated by floodwater from Teton Dam

4640.7 High-water mark in feet above mean sea level

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Culture and drainage by multiplex methods from aerial photographs taken 1946
Topography by plane-table methods 1948
Polyconic projection. 1927 North American datum
10,000-foot grid based on Idaho coordinate system, east zone
Red tint indicates area in which only landmark buildings are shown
1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue



CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS DRY WEATHER ROADS
Heavy-duty 4 LANE 18 LANE Improved dirt
Medium-duty 4 LANE 18 LANE Unimproved dirt
Loose-surface, graded, or narrow hard-surface
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

TETON DAM FLOOD OF JUNE 1976, IDAHO FALLS SOUTH QUADRANGLE, IDAHO

By Herman A. Ray and Howard F. Matthai