

Surface Water Supply of the United States 1961-65

Part 10. The Great Basin

GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1927

*Prepared in cooperation with the States
of California, Idaho, Nevada, Oregon,
Utah, and Wyoming, and with other
agencies*



Information of a more detailed nature than that published for most of the gaging stations is on file in the district offices, such as discharge measurements, gage-height records, and rating tables. Many gaging-station records have been analyzed to give several statistical summaries, mainly: (1) the number of days in each year that the daily discharge was between selected limits (duration tables); (2) the lowest mean discharge for selected numbers of consecutive days in each year; and (3) the highest mean discharge for selected numbers of consecutive days in each year.

At or near some gaging stations, water-quality records also are collected. Data are obtained on the chemical quality of the stream water, on water temperature, on suspended-sediment concentration, and on the particle-size distribution of suspended sediment and bed material. Under "Remarks" of the station description, reference is made to water-quality records collected on a regular basis for that station. Results of the data collected are published in water-supply papers entitled "Quality of Surface Waters of the United States," and in annual reports issued by States beginning with the 1961 water year. These annual reports are entitled, "Water Resources Data for (state). Part 2, Water Quality Records." Information on the availability of electronic computer analyses, unpublished data, or quality of water records may be obtained from the district offices listed on page 2.

PUBLICATIONS

Through September 30, 1960, the records of discharge and stage of streams and contents and stage of lakes or reservoirs were published in an annual series of U.S. Geological Survey water-supply papers entitled "Surface Water Supply of the United States." Prior to 1951, there were 14 volumes in the series; one for each of the 14 parts whose boundaries coincided with certain natural drainage lines within the conterminous United States. From 1951 to 1960, there were 20 volumes in the series, including one each for the States of Alaska and Hawaii.

This report marks the beginning of a new series of water-supply papers to be published on a 5-year basis. This series covers the 5-year period October 1, 1960, to September 30, 1965. To meet interim requirements, streamflow and related data have been released by the Geological Survey in annual reports, beginning with the 1961 water year, by State. These reports are entitled, "Water Resources Data for (state), Part 1. Surface Water Records." Distribution of these reports is limited and primarily for local needs. Any revision or corrections found necessary to the records published in these annual State reports have been made and published herein without reference.

This series of 5-year water supply papers consists of 37 volumes. The boundaries of the various parts and volumes within the parts are indicated in the following list and on the map in figure 1.

- Part 1. North Atlantic slope basins, in three volumes:
 - Volume 1: Basins from Maine to Connecticut
 - Volume 2: Basins from New York to Delaware
 - Volume 3: Basins from Maryland to York River
- Part 2. South Atlantic slope and eastern Gulf of Mexico basins, in three volumes:
 - Volume 1: Basins from James River to Savannah River
 - Volume 2: Basins from Ogeechee River to Carrabelle River
 - Volume 3: Basins from Apalachicola River to Pearl River
- Part 3. Ohio River basin, in four volumes:
 - Volume 1: Ohio River basin above Kanawha River
 - Volume 2: Ohio River basin from Kanawha River to Louisville, Kentucky
 - Volume 3: Ohio River basin from Louisville, Kentucky, to Wabash River
 - Volume 4: Ohio River basin below Wabash River
- Part 4. St. Lawrence River basin, in two volumes:
 - Volume 1: Basins of streams tributary to Lakes Superior, Michigan, and Huron
 - Volume 2: St. Lawrence River basin below Lake Huron
- Part 5. Hudson Bay and Upper Mississippi River basins, in three volumes:
 - Volume 1: Hudson Bay Basin
 - Volume 2: Upper Mississippi River basin above Keokuk, Iowa
 - Volume 3: Upper Mississippi River Basin below Keokuk, Iowa
- Part 6. Missouri River basin, in four volumes:
 - Volume 1: Missouri River basin above Williston, North Dakota
 - Volume 2: Missouri River basin from Williston, North Dakota, to Sioux City, Iowa
 - Volume 3: Missouri River basin from Sioux City, Iowa, to Nebraska City, Nebraska
 - Volume 4: Missouri River basin below Nebraska City, Nebraska

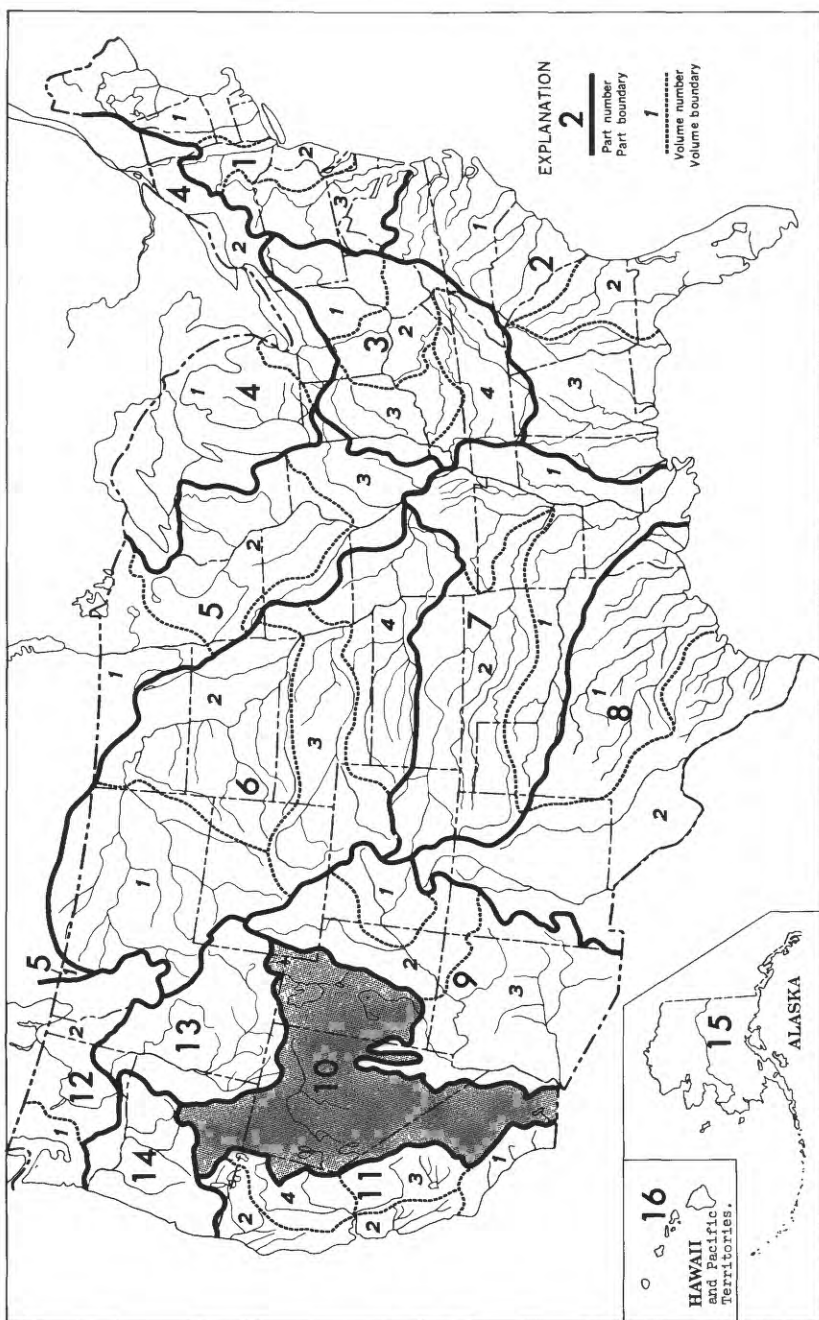


Figure 1.--Map of the United States showing area covered by the volumes in the series on surface-water supply. The area covered by this report is shaded.

