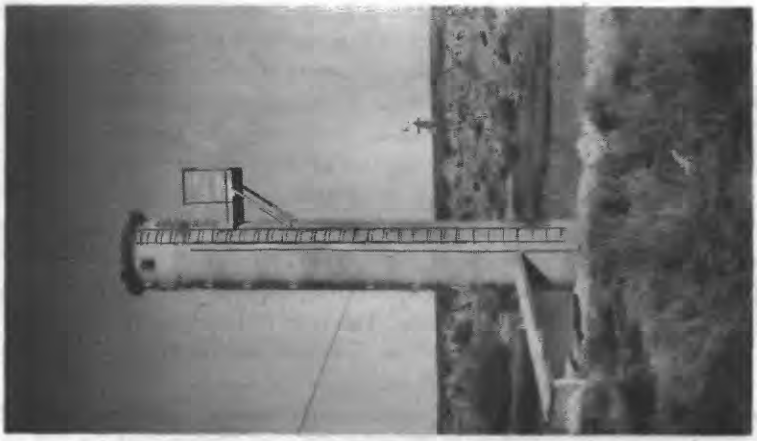
A. SABINE RIVER NEAR GLADEWATER, TEX.



B. PECOS RIVER AT RED BLUFF, N. MEX.

C. COLORADO RIVER NEAR SAN SABA, TEX.

FIGURE 1.—GAGING-STATION STRUCTURES.

the stream, and a table of monthly and yearly discharge and runoff. Skeleton ratingg tables are published for all stations except those at which the daily discharge for greater part of the year was determined by the shifting-control method, the slope me or other special methods.

The description of the station gives the type of gage, location, drainage area, r available, average discharge, extremes of discharge, general remarks, and notations visions of previously published record. The location of the gaging station and the age area are obtained from the most accurate maps available. Under "Average dischar given the average discharge for the number of years indicated. It is not given for tions having less than 10 complete years of record or for stations where changes in development during the period of record cause the figure to have little significance Under "Extremes" are given the maximum discharge and gage height; the minimum discha there is little or no regulation; the minimum daily discharge if there is extensive lation (also the minimum discharge if useful); and the minimum gage height (unless i of no importance). Unless otherwise qualified, the maximum discharge corresponds to crest stage, obtained by use of a water-stage recorder or a nonrecording gage read a time of the crest. Information pertaining to the accuracy of the records and condit which affect the natural flow at the gaging station is given under "Remarks."

For some stations previously published records have been found to be in error on basis of data or information obtained subsequently. Revisions of such records are u published along with the current records in one of the annual reports. In order to it easier to find such revised records, a paragraph headed "Revisions (water years)" been added to the station description of all stations for which revised records have published. Listed therein are all the reports in which revisions appear, each follo the water years for which figures are revised in that report. In listing the report number, W. means Water-Supply Paper. In listing the years, water years are indicate only 1 year, for instance, 1933 stands for the water year October 1, 1932, to Septemb 1933. If there were no daily, monthly, or annual figures of discharge involved in th revision, that fact is brought out by notations after the year dates as follows: (M) that only the instantaneous maximum discharge was revised; (m) that only the instanta minimum was revised; and (P) that only peak discharges were revised. If the drainage has been revised, the report in which the revised figure was first published is given should be noted that for all stations for which second-feet per square mile and runof inches are published, a revision of the drainage area necessitates corresponding revi of all figures based on the drainage area. Revised figures of second-feet per square and runoff in inches resulting from a revision of the drainage area only are usually published in the annual series of reports.

For stations equipped with water-stage recorders, except those on streams subject sudden or rapid fluctuation, the table gives the discharge corresponding to the daily gage height. For stations subject to such fluctuation the daily mean gage height ma indicate the true daily mean discharge, which must be obtained by averaging the disch for parts of the day or by using the discharge integrator, an instrument for obtaini daily mean discharge from a continuous gage-height graph and containing as an essenti element a curve representing the stage-discharge relation at the station. For static equipped with nonrecording gages, the table of daily discharge gives the discharge