

**FLOODS ON SCHUYLKILL RIVER FROM CONSHOHOCKEN TO PHILADELPHIA, PENNSYLVANIA**

*Introduction.*—The flood-frequency relation curve defines the recurrence interval and flood elevation on the Schuylkill River at Conshohocken, Pennsylvania, corresponding to the flood recurrence intervals are also shown.

**Recurrence Interval.**—As applied to flood events, recurrence interval is the average number of years between successive floods of a given magnitude. For floods having recurrence intervals of 100 years or more, the recurrence interval is a virtuality intended to indicate the chance of a given flood being equaled or exceeded in any one year. Thus, the 25-year flood has a 4 percent (1 in 25) chance of being equaled or exceeded in any one year. The general relation between recurrence interval and flood elevation on the Schuylkill River at Conshohocken, Pennsylvania, is shown in figure 2.

**Flowage.**—The flood-frequency relation curve defines the recurrence interval and flood elevation on the Schuylkill River at Conshohocken, Pennsylvania, corresponding to the flood recurrence intervals are also shown.

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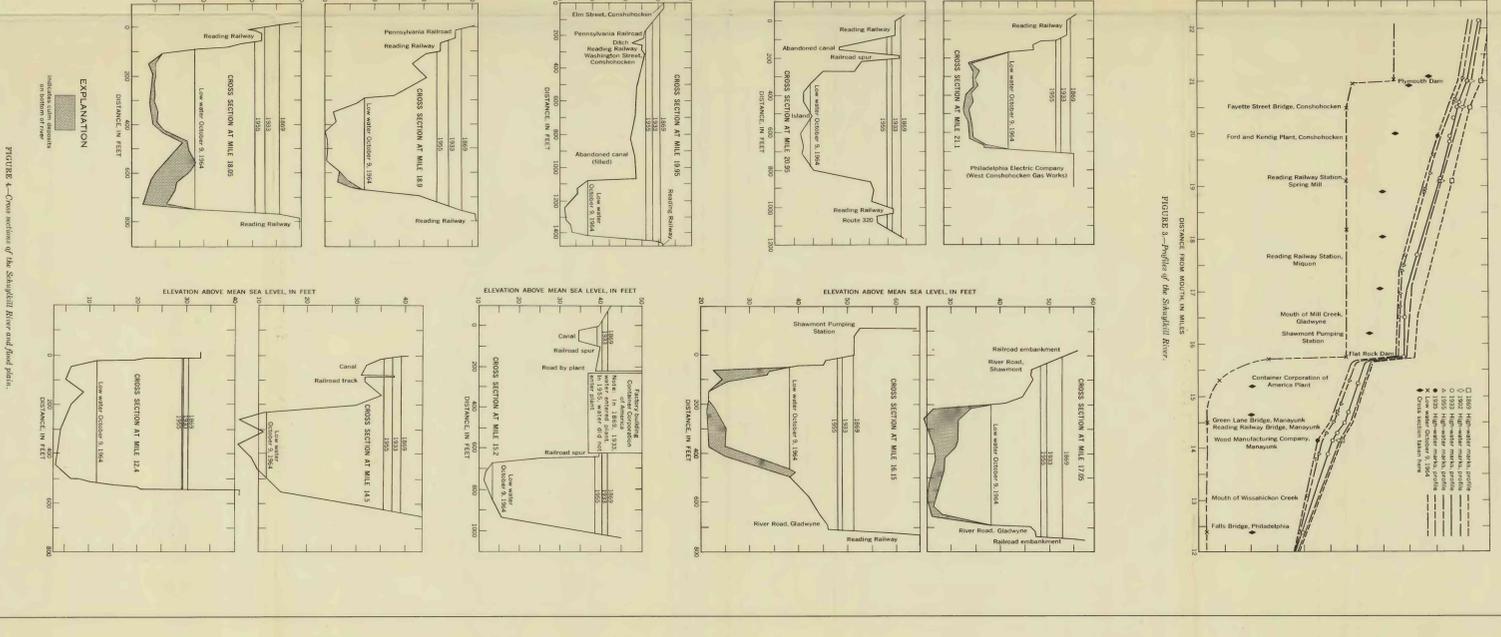


FIGURE 3.—Profiles of the Schuylkill River and flood plain.

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