

CONNECTICUT RIVER BASIN

01193000 CONNECTICUT RIVER NEAR MIDDLETOWN, CT

LOCATION.--Lat 41°33'40", long 72°36'43", Middlesex County, Hydrologic Unit 01080205, on right bank 0.5 mi upstream from Bodkin Rock, 2 mi downstream from Middletown, and 29.5 mi upstream from mouth.

DRAINAGE AREA.--10,887 mi².

PERIOD OF RECORD.--October 1965 to current year. Jan. 1, 1947 to Sept. 30, 1948, twice daily readings on outside staff gage, and Sept. 8, 1948 to Oct. 14, 1965, infrequent discharge measurements at high stages and continuous graphic record of stage.

REVISED RECORDS.-- WDR CT-83-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is sea level. Telephone telemetry at station. Auxiliary digital water-stage recorder at same datum on right bank 3.8 mi downstream, 120 ft downstream from pier of United Aircraft Corporation (formerly Connecticut Advanced Nuclear Engineering Laboratory, CANEL).

REMARKS.--Prior to 1994 water year, volume discharge records are available.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 186,000 ft³/s June 2, 1984, gage height, 31.27 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 267,000 ft³/s Mar. 21, 1936, gage height, 38.2 ft, from rating curve extended above 125,000 ft³/s on basis of stage and discharge determinations of 1927, 1936, and 1938 floods. Peak discharges for floods dating back to 1814 are available in the office at East Hartford, Conn.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 74,300 ft³/s, Apr. 7, elevation, 8.81 ft.; minimum tidal elevation, -0.25 ft, Oct. 14.

ELEVATIONS, IN FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
Maximum	Elevation	4.42	4.22	4.17	3.94	4.28	7.63	8.81	7.11	6.54	4.14	4.11	3.27
	Date	26	29	2	25	29	31	7	14	8	18	14	26
	Time	1330	1915	0930	1730	2400	2315	1615	2300	1915	1545	0030	1245
Minimum	Elevation	-0.25	0.29	-0.13	0.37	-0.14	2.03	3.25	1.65	0.60	0.36	0.31	0.11
	Date	14	15	11 12	3	7	8	21	31	26	8	21	18
	Time	2345	1315	2345 0000	1945	2300	1030	1130	1845	1545	1415	1230	1100

NOTE.--Time shown is Eastern standard.