

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. 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). Telephone telemetry at station.

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 Hartford, Conn.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 73,300 ft³/s, Sep. 19, elevation, 8.76 ft.; minimum tidal elevation, -0.30 ft, Dec. 23, Jan. 1, 2.

ELEVATIONS, IN FEET, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
Maximum	Elevation	3.59	3.51	3.95	5.72	5.00	8.72	7.60	4.27	3.14	2.92	2.64	8.76
	Date	14	26	30	27	3	25	4	22	9	6	5	19
	Time	2145	1900	1015	1015	0215	0645	0400	0800	2245	2030	2045	0945
Minimum	Elevation	-0.25	-0.19	-0.30	-0.30	1.05	1.37	1.03	0.36	-0.03	0.09	0.00	0.28
	Date	3	25	23	1 2	27	16	29	17	7	17	30	1
	Time	1830	0030	1100	2130 0630	1915	2015	0900	2215	1445	1215	1045	1200

NOTE.--Time shown is Eastern standard.

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