KEUFFEL & ESSER CO. NEW YORK
TRADE STANDARD MARK REG. U.S. PAT. OFF. CROSS SECTION 10 X 10 100% RAG PAPER MADE IN U.S.A.
KEUFFEL & ESSER CO. NEW YORK

00 CITY DATUM = El. 34.52 Mean Sea Level

Sept. 22 NOON To Sept. 25 MONT

1938

FLOOD CURVE

from Measurments taken at

HARTFORD AVE. R R UNDERPASS

Middletown, Conn.

Taken in Conjunction with
STATE of Conn. WATER COMM.
& W.P.A. Projects —
for CONN. GROUND WATER SURVEY

City of Middletown, Conn.
Dept. Public Works
S.C. Cannon Supt.
Plotted by — C.W.J. Kieft. Engr. Sept. 26. 1938

Scale — Hor. 1 in = 1.0 foot.
Ver. 1 in. = 2.0 hours TIME

NOTE: ALL TIME Eastern Daylight Saving
Subtract ONE HOUR for
STANDARD TIME

42.900 42.875 42.850 42.825 42.800 42.775 42.750 42.700 42.650 42.625 42.550 42.575 42.525 42.500 42.425 42.400 42.300 42.275 42.225 42.200 42.125 42.100 42.050 42.00 41.900 41.850 41.800 41.750 41.675 41.650 41.550 41.500 41.400 41.325 41.275 41.200 41.100 41.025 40.950 40.875 40.800 40.700 40.625 40.600 40.475 40.400 40.250 40.200 40.150 40.000 39.850 39.775 39.700 39.675 39.600 39.550 39.400 39.325 39.225 39.100 39.000 38.900 38.800 38.700 38.625 38.550 38.450 38.350 38.250 38.175 38.100 37.975 37.875 37.750 37.700 37.620 37.590 37.350 37.320 37.230 37.110 37.000 36.900 36.820 36.780 36.600 36.520 36.450 36.360

NOTE: ELEVATIONS AT CITY DATUM
which is 15.503 ft. Higher
than U.S. Coast & Geodetic Elevs.
Namely - Subtract 15.503' from the Elevs
shown to get Flood Hgt above M.L. Water.

43.00
36.60
-6.40 feet DROP in 46.0 hrs

Rate = 0.139 feet per Hour
= Approx 1 3/8 inches per Hour

River El. 18.20 considered as NORMAL
- 15.50
Approx. 2.70 Water @ Middletown
- 1.70 Tide
1.00 = M.L.W. @ Middletown
these Figures are APPROXIMATE Only.

27.50
- 2.70
24.80' Flood DEPTH ?
+ 1.70
26.50 Flood DEPTH

50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32

FINIS

Saturday Sept 24 — Sunday Sept. 25 — Monday Sept. 26

6:00 A.M. 8:00 A.M. 10:00 A.M. Sept 24 12:00 Noon 2:00 P.M. 4:00 P.M. 6:00 P.M. 8:00 P.M. 10:00 P.M. Sept 24 12:00 M. Sept 25 2:00 A.M. 4:00 A.M. 6:00 A.M. 8:20 A.M. 10:00 A.M. 12:00 Noon 2:00 P.M. 4:00 P.M. 6:00 P.M. 8:00 P.M. 10:00 P.M. Sept 25 12:00 M. Sept 26 2:00 A.M. 4:00 P.M.

SWS-3

C. of M. D.P.W. FILE