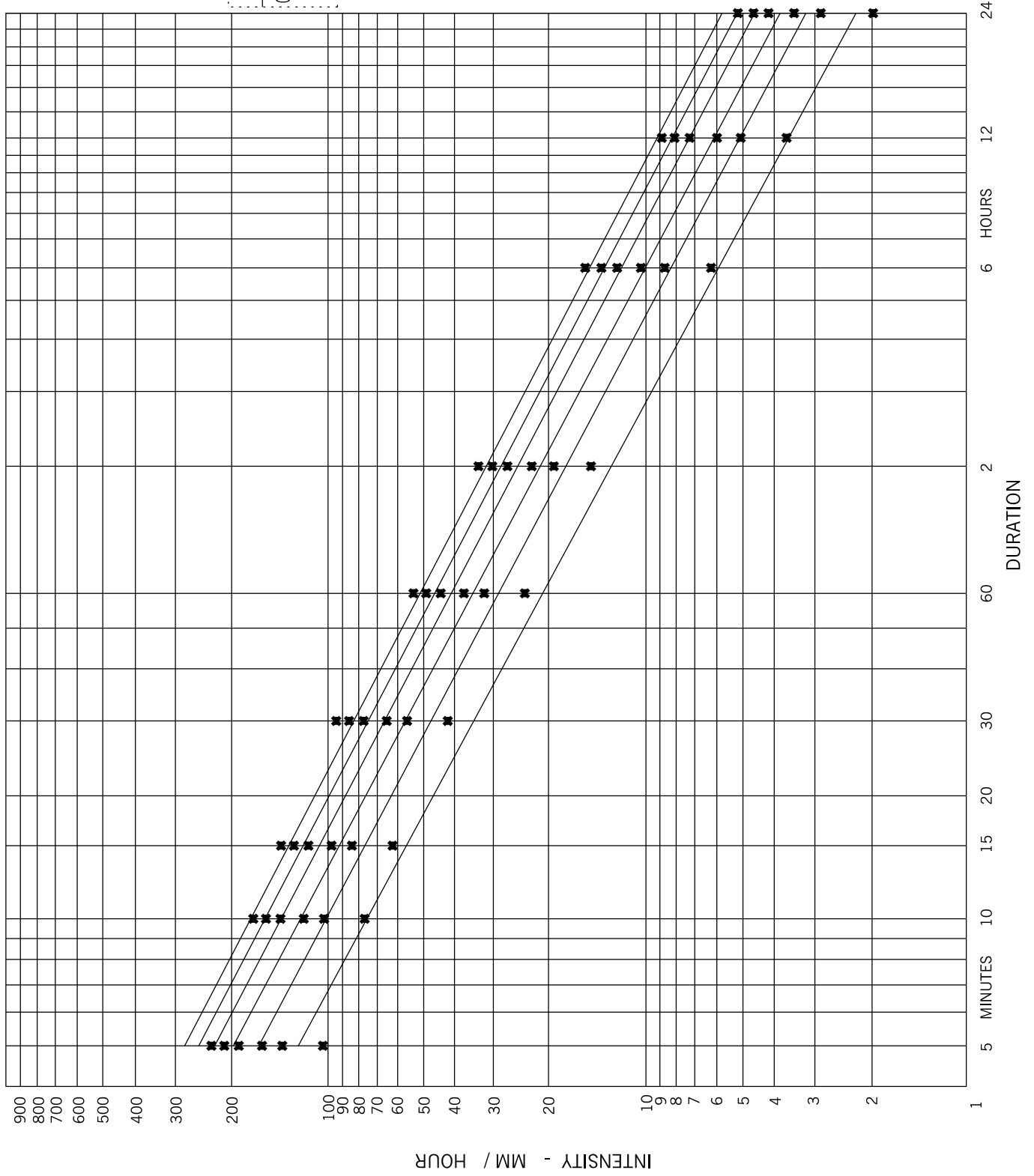


SHORT DURATION RAINFALL INTENSITY
 BASED ON RECORDING RAIN GAUGE DATA FOR THE PERIOD- 1950 - 1986



INTERPOLATION EQUATION
 $R = A (T)^B$

R = RAINFALL RATE (mm/hr)
 T = TIME IN HOURS

STATISTICS	2 YR	5 YR	10 YR	25 YR	50 YR	100 YR
COEFFICIENT (A)	22.1	29.9	35.1	41.6	46.5	51.3
EXPONENT (B)	-0.714	-0.701	-0.695	-0.691	-0.688	-0.686

RETURN PERIODS
 YEARS

100
 50
 25
 10
 5
 2



BRAMPTON
 Flower City

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RAINFALL INTENSITIES

APPROVED:
 1992/04/24

ORIGINAL:
 1992/04/24

REV. 0

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N.T.S