

Hydraflow IDF Report

| Return Period (Yrs) | Equation Coefficients (FHA) | | | |
|---------------------|-----------------------------|---------|--------|-------|
| | B | D | E | (N/A) |
| 1 | 62.9479 | 13.1000 | 0.9022 | ----- |
| 2 | 72.0401 | 13.2000 | 0.8883 | ----- |
| 3 | 0.0000 | 0.0000 | 0.0000 | ----- |
| 5 | 72.5421 | 13.0000 | 0.8417 | ----- |
| 10 | 65.3483 | 12.0000 | 0.7909 | ----- |
| 25 | 58.6655 | 11.0000 | 0.7384 | ----- |
| 50 | 52.8628 | 10.1000 | 0.6973 | ----- |
| 100 | 46.2960 | 9.0000 | 0.6519 | ----- |

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Intensity = B / (Tc + D)^E

| Return Period (Yrs) | Intensity Values (in/hr) | | | | | | | | | | | |
|---------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|
| | 5 min | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
| 1 | 4.62 | 3.70 | 3.10 | 2.68 | 2.36 | 2.11 | 1.91 | 1.75 | 1.61 | 1.50 | 1.40 | 1.31 |
| 2 | 5.47 | 4.41 | 3.71 | 3.21 | 2.83 | 2.54 | 2.30 | 2.11 | 1.95 | 1.81 | 1.69 | 1.59 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 6.37 | 5.18 | 4.39 | 3.82 | 3.40 | 3.06 | 2.79 | 2.57 | 2.38 | 2.22 | 2.08 | 1.96 |
| 10 | 6.95 | 5.67 | 4.82 | 4.22 | 3.76 | 3.40 | 3.11 | 2.87 | 2.67 | 2.50 | 2.35 | 2.22 |
| 25 | 7.57 | 6.20 | 5.29 | 4.65 | 4.16 | 3.78 | 3.47 | 3.22 | 3.00 | 2.82 | 2.66 | 2.52 |
| 50 | 7.96 | 6.52 | 5.59 | 4.92 | 4.42 | 4.03 | 3.71 | 3.45 | 3.23 | 3.04 | 2.87 | 2.73 |
| 100 | 8.29 | 6.79 | 5.83 | 5.16 | 4.65 | 4.25 | 3.93 | 3.66 | 3.44 | 3.24 | 3.08 | 2.93 |

Tc = time in minutes. Min Tc = 5