

AMERICAN FORK CITY

RAINFALL DATA

| R E T U R N P E R I O D | Precipitation Frequency (inches) | | | | | | | | | | |
|--|----------------------------------|-------|--------|--------|--------|--------|------|------|------|-------|-------|
| | YEAR | 5 min | 10 min | 15 min | 30 min | 60 min | 2 hr | 3 hr | 6 hr | 12 hr | 24 hr |
| | 1 | 0.14 | 0.21 | 0.26 | 0.35 | 0.43 | 0.55 | 0.65 | 0.89 | 1.17 | 1.43 |
| | 2 | 0.17 | 0.27 | 0.33 | 0.45 | 0.55 | 0.69 | 0.80 | 1.09 | 1.43 | 1.75 |
| | 5 | 0.24 | 0.36 | 0.45 | 0.61 | 0.75 | 0.90 | 1.01 | 1.32 | 1.72 | 2.10 |
| | 10 | 0.26 | 0.40 | 0.51 | 0.70 | 0.89 | 1.04 | 1.20 | 1.38 | 1.56 | 1.92 |
| | 25 | 0.32 | 0.49 | 0.62 | 0.86 | 1.09 | 1.24 | 1.35 | 1.56 | 1.84 | 2.40 |
| | 50 | 0.47 | 0.72 | 0.90 | 1.21 | 1.50 | 1.69 | 1.78 | 2.09 | 2.65 | 3.09 |
| | 100 | 0.60 | 0.93 | 1.15 | 1.52 | 1.83 | 2.05 | 2.21 | 2.53 | 2.85 | 3.48 |

| R E T U R N P E R I O D | Precipitation Intensity Estimates (in/hr) | | | | | | | | | | |
|--|---|-------|--------|--------|--------|--------|------|------|------|-------|-------|
| | YEAR | 5 min | 10 min | 15 min | 30 min | 60 min | 2 hr | 3 hr | 6 hr | 12 hr | 24 hr |
| | 1 | 1.66 | 1.26 | 1.04 | 0.70 | 0.43 | 0.28 | 0.22 | 0.15 | 0.10 | 0.06 |
| | 2 | 2.10 | 1.60 | 1.32 | 0.89 | 0.55 | 0.34 | 0.27 | 0.18 | 0.12 | 0.07 |
| | 5 | 2.88 | 2.19 | 1.81 | 1.22 | 0.75 | 0.45 | 0.34 | 0.22 | 0.14 | 0.09 |
| | 10 | 3.12 | 2.40 | 2.04 | 1.40 | 0.89 | 0.52 | 0.40 | 0.23 | 0.16 | 0.08 |
| | 25 | 3.84 | 2.94 | 2.48 | 1.72 | 1.09 | 0.62 | 0.45 | 0.26 | 0.18 | 0.10 |
| | 50 | 5.70 | 4.34 | 3.59 | 2.42 | 1.50 | 0.85 | 0.59 | 0.35 | 0.22 | 0.13 |
| | 100 | 7.24 | 5.60 | 4.61 | 3.04 | 1.83 | 1.03 | 0.74 | 0.42 | 0.25 | 0.15 |