

Storms Which Should Be Exceeded Only Once in 10 Years

	Intensity lasting 5 minutes			Intensity lasting 5 minutes	
	in./hr.	mm/hr.		in./hr.	mm/hr.
ALABAMA: Birmingham	7.5	191	NEBRASKA: Omaha	7.4	188
Mobile	8.2	208	NEVADA: Reno	2.3	58
ALASKA: Fairbanks	2.1	53	Las Vegas	2.1	53
Juneau	1.7	43	NEW JERSEY: Trenton	6.7	170
ARIZONA: Phoenix	5.6	142	NEW MEXICO: Albuquerque	4.0	102
Tucson	6.1	155	Santa Fe	4.5	114
ARKANSAS: Bentonville	7.4	188	NEW YORK: Albany	6.5	165
Little Rock	7.4	188	Buffalo	6.0	152
CALIFORNIA: Los Angeles	4.9	124	New York City	6.7	170
Sacramento	2.5	64	NORTH CAROLINA: Raleigh	7.3	185
San Francisco	2.7	69	NORTH DAKOTA: Bismark	6.6	168
San Diego	2.2	56	OHIO: Cincinnati	6.8	173
COLORADO: Denver	5.7	145	Cleveland	6.3	160
Boulder	6.4	163	OKLAHOMA: Oklahoma City	7.6	193
CONNECTICUT: Hartford	6.2	157	OREGON: Baker	2.2	56
DISTRICT OF COLUMBIA	7.1	180	Portland	2.1	53
FLORIDA: Jacksonville	7.9	201	PENNSYLVANIA: Philadelphia	6.8	173
Miami	7.7	196	Pittsburgh	6.4	163
Tampa	8.3	211	RHODE ISLAND: Providence	5.6	142
GEORGIA: Atlanta	7.3	185	SOUTH CAROLINA: Charleston	7.2	183
HAWAII: Honolulu	8.7	221	TENNESSEE: Memphis	7.4	188
Kahului	7.0	178	Knoxville	6.7	170
Hilo	17.4	442	TEXAS: Fort Worth	7.6	193
Lihue	10.4	264	Dallas	7.6	193
IDAHO: Boise	1.8	46	Houston	8.2	208
ILLINOIS: Chicago	6.8	173	San Antonio	7.6	193
INDIANA: Indianapolis	6.8	173	UTAH: Provo	3.0	75
IOWA: Des Moines	7.3	185	Salt Lake City	2.8	71
KANSAS: Wichita	7.5	191	VIRGINIA: Norfolk	7.1	180
KENTUCKY: Louisville	6.9	175	WASHINGTON: Seattle	2.1	53
LOUISIANA: New Orleans	8.3	211	Spokane	2.1	53
MAINE: Portland	5.4	137	WEST VIRGINIA: Parkersburg	6.6	168
MARYLAND: Baltimore	7.1	180	WISCONSIN: Madison	6.8	173
MASSACHUSETTS: Boston	5.3	135	Milwaukee	6.6	168
MICHIGAN: Detroit	6.4	163	WYOMING: Cheyenne	5.7	145
MINNESOTA: Minneapolis	7.0	178			
MISSOURI: Kansas City	7.4	188			
Saint Louis	7.1	180			
MONTANA: Helena	1.8	46			
Missoula	1.8	46			

Table 1-2 Rainfall Data and Drainage Factors

NOTE: These intensities are based on records and statistical projections. They may occasionally be exceeded either in the general area or at small areas within the designated city.