

TABLE 2-1
RAINFALL INTENSITY-DURATION TABLES
LYONS, COLORADO

RETURN PERIOD = 2 YEARS

RETURN PERIOD=100 YEARS

Duration (min)	Total Depth (in)	Incremental Depth (in)	Design Rain (in)	Intensity (in/hr)	Duration (min)	Total Depth (in)	Incremental Depth (in)	Design Rain (in)	Intensity (in/hr)
10	0.47	0.47	0.06	2.82	10	1.21	1.21	0.18	7.26
20	.68	.21	.09	2.05	20	1.78	0.57	.19	5.34
30	.82	.14	.21	1.64	30	2.12	.34	.57	4.24
40	.91	.09	.47	1.37	40	2.31	.19	1.21	3.47
50	.98	.07	.14	1.18	50	2.50	.19	.034	3.01
60	1.04	.06	.07	1.04	60	2.68	.18	.19	2.68
70	1.08	.04	.04	.093	70	2.81	.13	.13	2.41
80	1.12	.04	.04	.84	80	2.88	.07	.07	2.16
90	1.16	.04	.04	.77	90	2.93	.05	.05	1.96
100	1.20	.04	.04	.72	100	2.98	.05	.05	1.79
110	1.23	.03	.03	.67	110	3.03	.05	.05	1.65
120	1.26	.03	.03	.63	120	3.08	.05	.05	1.54
130	1.29	.03	.03	.59	130	3.13	.05	.05	1.44
140	1.32	.03	.03	.56	140	3.18	.05	.05	1.36
150	1.35	.03	.03	.54	150	3.23	.05	.05	1.29
160	1.37	.02	.02	.51	160	3.28	.05	.05	1.23
170	1.39	.02	.02	.49	170	3.32	.04	.04	1.17
180	1.41	.02	.02	.47	180	3.36	.04	.04	1.12
TOTAL		1.41	1.41		TOTAL		3.36	3.36	

From NOAA Atlas, volume III, Colorado 1973.