

TABLE 4-1

RAINFALL DEPTHS FOR PROVO AREA (Inches)

AREAS ABOVE 5000 FEET ELEVATION

Time	2-Year	5-Year	10-Year	25-Year	50-Year	100-Year
5 min	0.17	0.23	0.28	0.34	0.38	0.43
10 min	0.26	0.36	0.43	0.53	0.59	0.67
15 min	0.32	0.46	0.55	0.67	0.75	0.84
30 min	0.45	0.63	0.76	0.92	1.04	1.17
60 min	0.57	0.80	0.96	1.17	1.32	1.48
2 hours	0.74	1.00	1.18	1.42	1.58	1.76
3 hours	0.86	1.17	1.35	1.60	1.78	1.96
6 hours	1.13	1.50	1.70	1.99	2.20	2.40
12 hours	1.56	2.00	2.28	2.64	2.92	3.16
24 hours	1.94	2.50	2.84	3.31	3.63	3.94

AREAS BELOW 5000 FEET ELEVATION

Time	2-Year	5-Year	10-Year	25-Year	50-Year	100-Year
5 min	0.15	0.21	0.26	0.32	0.35	0.39
10 min	0.23	0.33	0.40	0.49	0.55	0.61
15 min	0.30	0.42	0.51	0.62	0.70	0.78
30 min	0.41	0.58	0.70	0.86	0.96	1.07
60 min	0.52	0.74	0.89	1.09	1.22	1.36
2 hours	0.62	0.86	1.03	1.24	1.39	1.54
3 hours	0.69	0.96	1.20	1.35	1.51	1.67
6 hours	0.85	1.15	1.35	1.58	1.78	1.95
12 hours	1.04	1.40	1.66	1.96	2.16	2.44
24 hours	1.20	1.66	1.97	2.34	2.60	2.90

TABLE 4-2

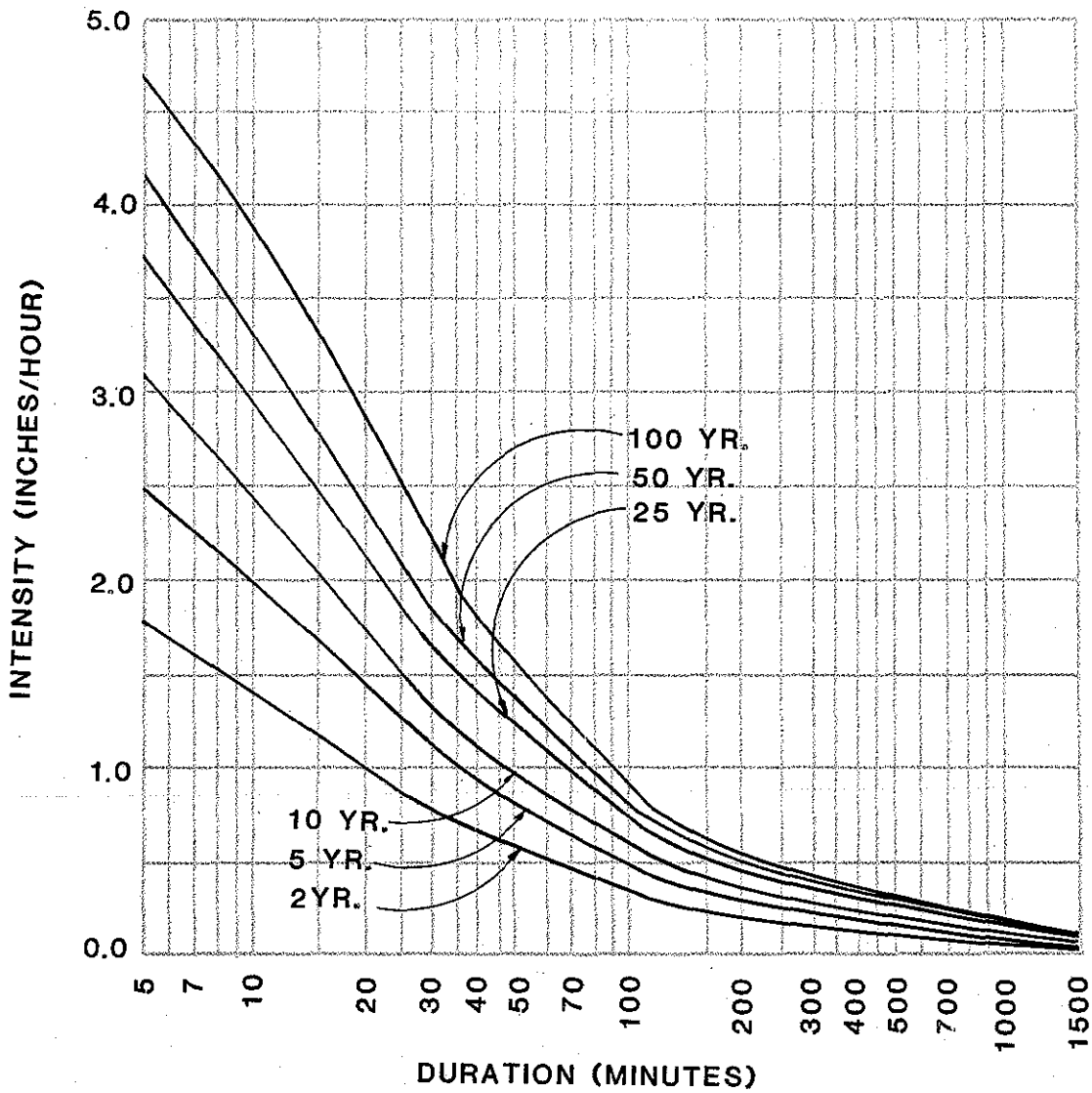
RAINFALL INTENSITIES FOR PROVO AREA (Inches/Hour)

AREAS ABOVE 5000 FEET ELEVATION

Time	2-Year	5-Year	10-Year	25-Year	50-Year	100-Year
5 min	2.04	2.76	3.36	4.08	4.56	5.16
10 min	1.56	2.16	2.58	3.18	3.54	4.02
15 min	1.28	1.84	2.20	2.68	3.00	3.36
30 min	0.90	1.26	1.52	1.84	2.08	2.34
60 min	0.57	0.80	0.96	1.17	1.32	1.48
2 hours	0.37	0.50	0.59	0.71	0.79	0.88
3 hours	0.29	0.39	0.45	0.53	0.59	0.65
6 hours	0.19	0.25	0.28	0.33	0.37	0.40
12 hours	0.13	0.17	0.19	0.22	0.24	0.26
24 hours	0.081	1.10	0.12	0.14	0.15	0.16

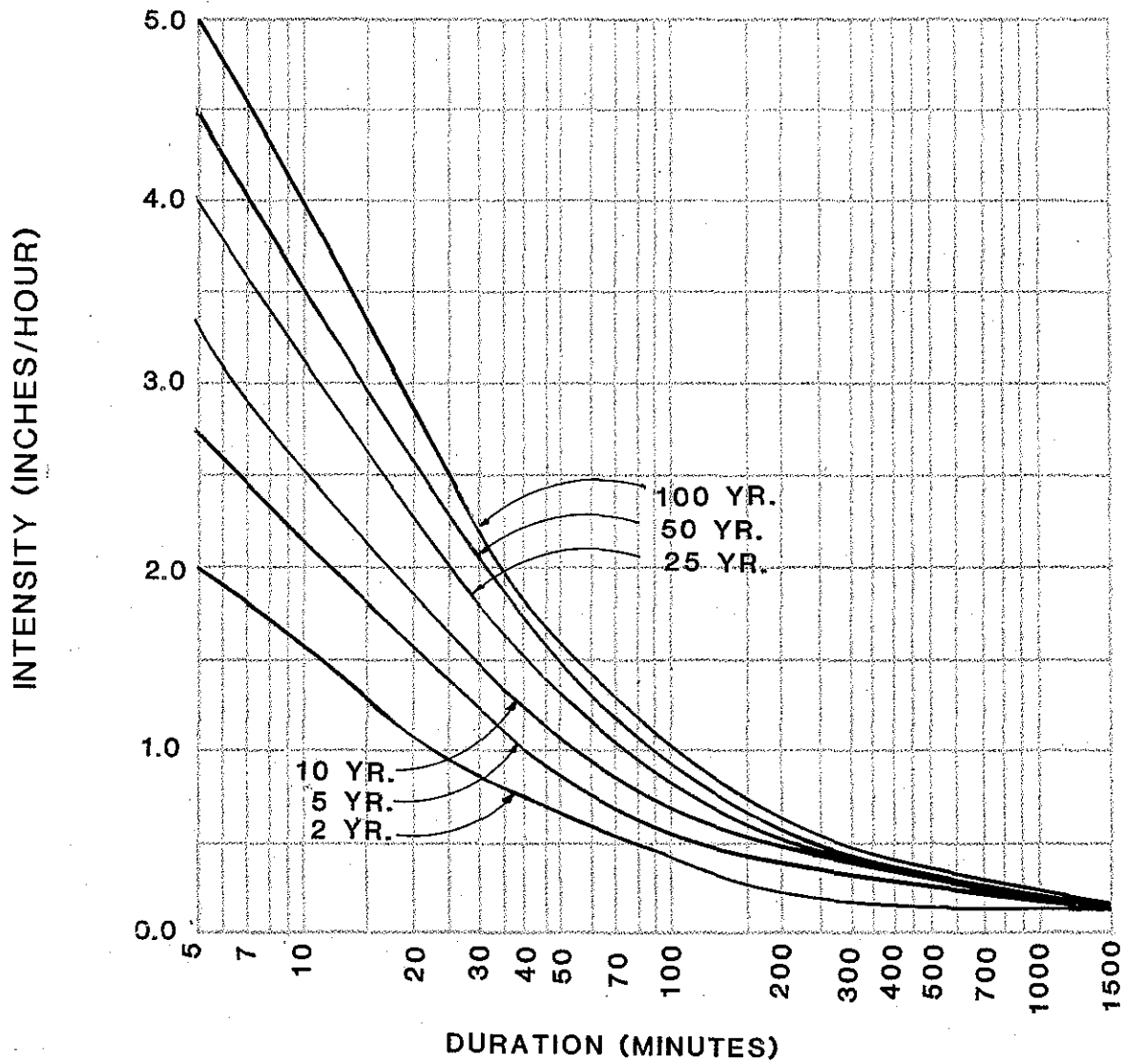
AREAS BELOW 5000 FEET ELEVATION

Time	2-Year	5-Year	10-Year	25-Year	50-Year	100-Year
5 min	1.80	2.52	3.12	3.84	4.20	4.68
10 min	1.38	1.98	2.40	2.94	3.30	3.66
15 min	1.20	1.68	2.04	2.48	2.80	3.12
30 min	0.82	1.16	1.40	1.72	1.92	2.14
60 min	0.52	0.74	0.89	1.09	1.22	1.36
2 hours	0.31	0.43	0.52	0.62	0.70	0.77
3 hours	0.23	0.32	0.40	0.45	0.50	0.56
6 hours	0.14	0.19	0.23	0.26	0.30	0.33
12 hours	0.09	0.12	0.14	0.16	0.18	0.20
24 hours	0.05	0.069	0.082	0.098	0.11	0.12



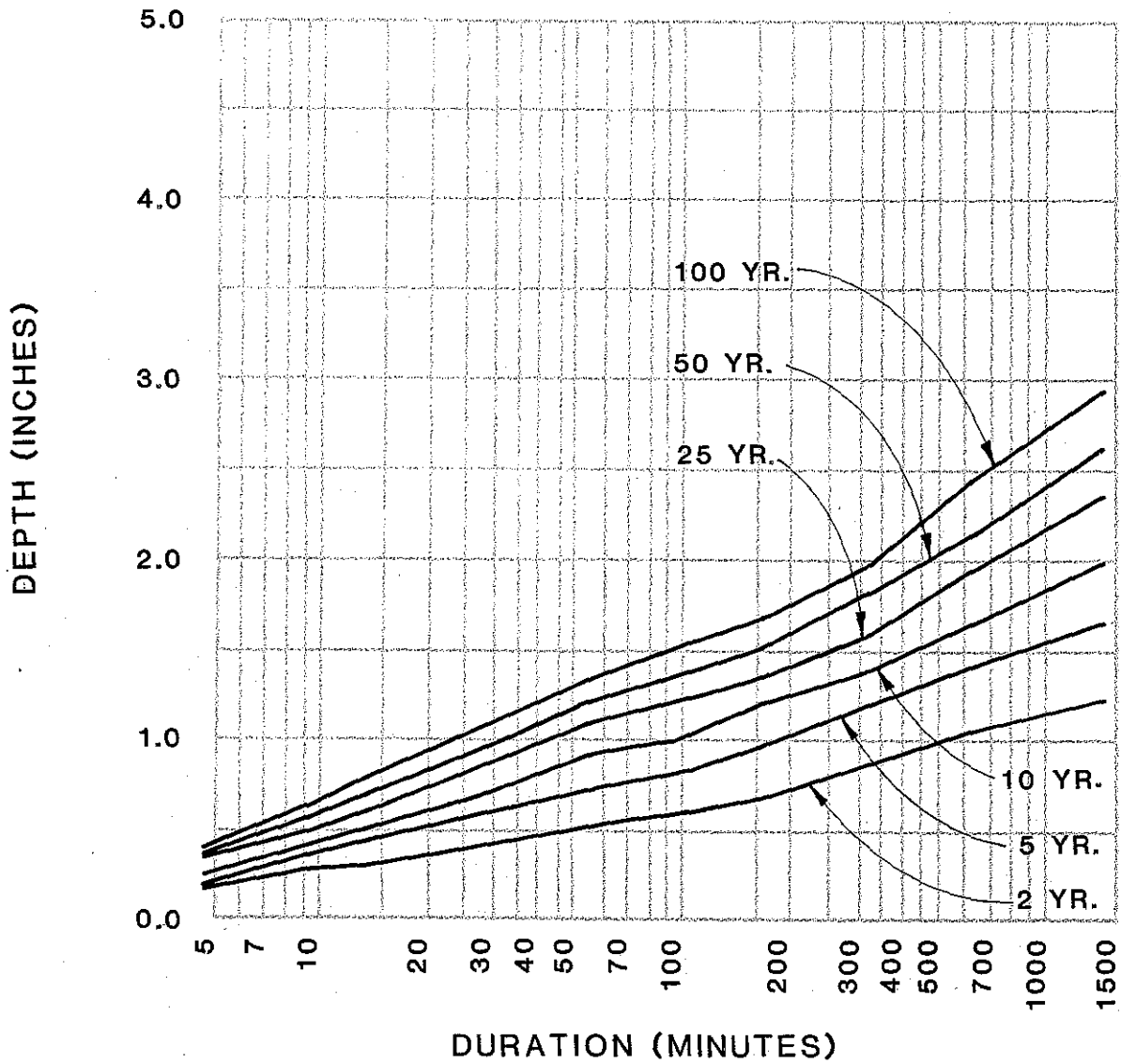
PROVO CITY
 STORM DRAINAGE MASTER PLAN
 RAINFALL INTENSITY-DURATION-FREQUENCY CURVES
 FOR AREAS LESS THAN 5000'

FIGURE NO. 4-1



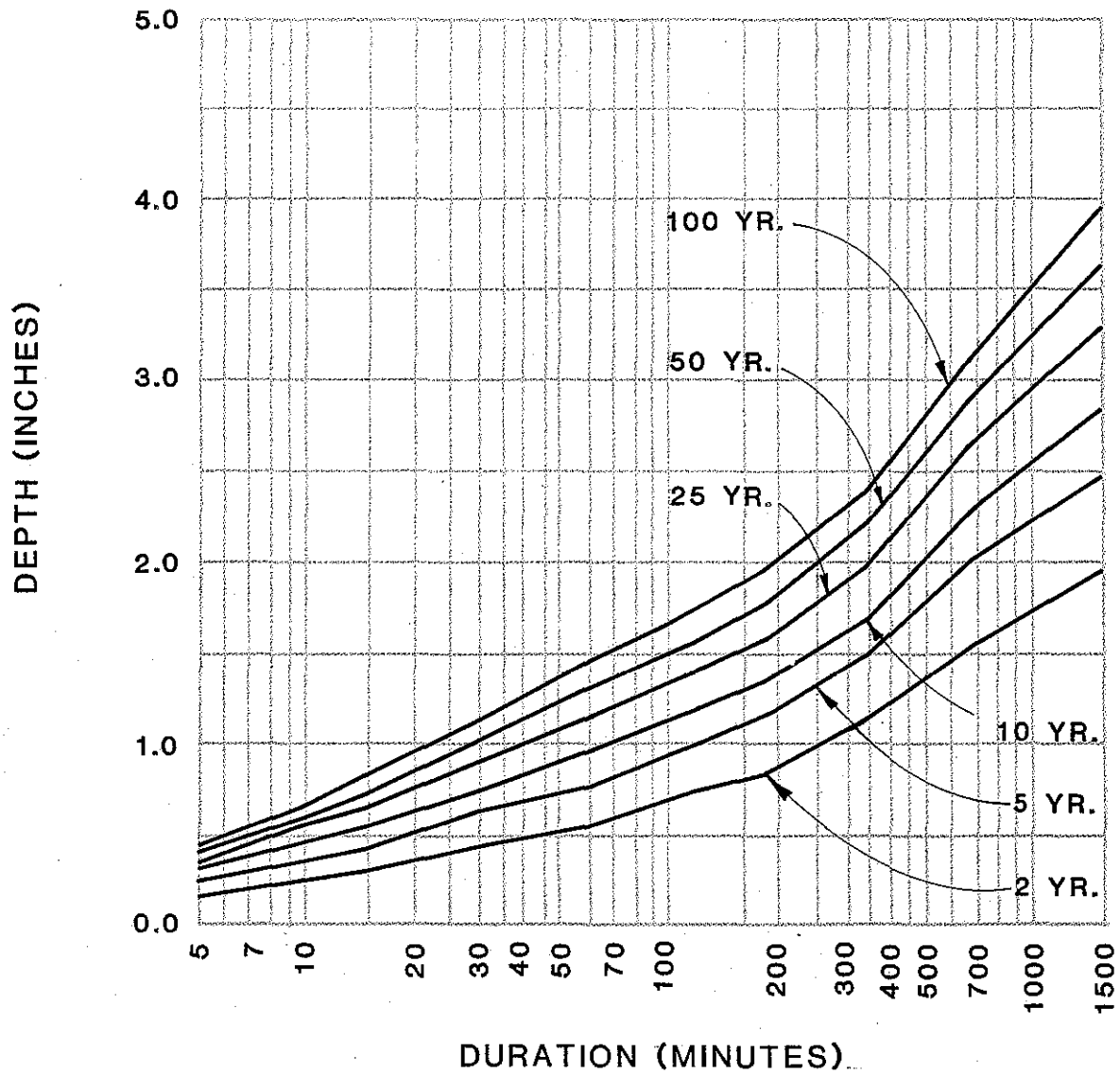
PROVO CITY
 STORM DRAINAGE MASTER PLAN
 RAINFALL INTENSITY-DURATION-FREQUENCY CURVES
 FOR AREAS GREATER THAN 5000'

FIGURE NO. 4-2



PROVO CITY
 STORM DRAINAGE MASTER PLAN
 RAINFALL DEPTH -DURATION- FREQUENCY CURVES
 FOR AREAS LESS THAN 5000'

FIGURE 4-3



PROVO CITY
 STORM DRAINAGE MASTER PLAN
 RAINFALL DEPTH - DURATION - FREQUENCY CURVES
 FOR AREAS GREATER THAN 5000'

FIGURE 4-4