TABLE 3.1

LAKEWOOD TEMPERATURE SUMMARY (1962-1990)

Month	Mean Monthly Maximum	Mean Monthly Minimum	Monthly Mean	Record Daily Maximum	Record Daily Minimum	Mean Number of Day Temperatures	
						Rise to 90°F or above	Fall to 32°F or below
January	44.9	17.8	31.4	72	-26	0.0	28.0
February	48.4	20.8	34.6	76	-23	0.0	24.8
March	53.3	25.5	39.4	84	-11	0.0	24.2
April	63.6	34.4	49.0	86	-1	0.0	13.2
May	73	43.1	58.1	92	12	0.1	2.6
June	84.6	51.7	68.2	99	27	4.4	0.0
July	90.8	57.6	74.2	101	37	9.9	0.0
August	88.7	56.2	72.5	98	41	5	0.0
September	80.3	47.8	63.6	96	16	1	1.3
October	68.7	36.6	52.6	89	7	0.0	8.9
November	54.7	25.7	40.2	88	-5	0.0	22.0
December	47.8	20.8	34.3	74	-25	0.0	27.3
Annual	66.2	36.5	51.4	101	-26	19.7	150.7

Source: Colorado Climate Center
Department of Atmospheric Science
Colorado State University (1991)

Note: Temperatures in °F

Ft. Collins, Colorado

TABLE 3.2
MONTHLY AND ANNUAL PRECIPITATION DATA (1962-1990)
LAKEWOOD, COLORADO

	RAINFALL					SNOW	
Month	**Monthly Mean (inches)**	**Monthly Maximum (inches)**	**Monthly Minimum (inches)**	**Maximum 24-Hour (inches)**	**Mean Number of Days with Precipitation ≥0.10 inches**	**Monthly Mean (inches)**	**Monthly Maximum (inches)**
January	0.45	1.35	0.00	1.04	1.5	7.2	16
February	0.51	1.09	0.04	0.62	1.8	8.2	22
March	1.31	4.05	0.14	2.00	3.8	11.3	38.7
April	1.62	3.64	0.00	2.33	3.8	9.2	27.7
May	2.55	6.77	0.20	2.70	5.2	1.2	12
June	2.19	5.51	0.22	2.77	4.1	0.0	0
July	1.82	5.17	0.03	1.91	4.3	0.0	0
August	1.45	4.20	0.23	2.10	3.4	0.0	0
September	1.40	6.87	0.05	2.21	3.4	0.9	8
October	1.07	5.75	0.05	2.93	2.6	4.2	33
November	0.97	2.97	0.00	1.36	2.8	9.8	36
December	0.60	1.95	0.04	0.98	2.0	9.2	29
Annual	16.07	25.64	7.40		39.2	65.8	109

Source: Colorado Climate Center
Department of Atmospheric Science
Colorado State University (1991)
Ft. Collins, Colorado

TABLE 3.3
EXISTING RUNOFF RATES AND VOLUMES

	2-Year Frequency		100-Year Frequency	
Sub-Basin	**Discharge (cfs)**	**3-Hour Runoff Volume (AF)**	**Discharge (cfs)**	**3-Hour Runoff Volume (AF)**
F_1	25	2.1	95	6.7
F_2	11	1.0	35	3.2
Combined F_1, F_2	30	3.1	110	9.9
G_1	25	1.6	85	4.9
G_2	16	2.4	50	7.5
Combined G_1, G_2	30	4.0	90	12.4

Source: Environmental Assessment Report for SERI Site, 1980 (Ref. No. 3)

Note: AF = acre-feet
cfs = cubic feet per second
F, G = sub-basin identifiers