

Table 1 Physical properties of nine climatic regimes

No.	Annual rainfall (P) (mm/yr)	Annual potential evaporatio n (E_p) (mm/yr)	Dryness Index $\frac{E_p}{P}$	Number of storms per year (N)	Mean duration (t_r) (hr)	Mean inter- storm period (t_b) (hr)	Average rainfall intensity (i) (mm/hr)	Average potential evaporation rate (e_p) (mm/hr)
1	1,000	500	0.5	90	16.5	81.0	0.673	0.0570
2	1,000	625	0.625	88	14.5	85.5	0.784	0.0710
3	1,000	750	0.75	85	11.0	92.0	1.070	0.0857
4	1,000	875	0.875	82	8.5	98.5	1.435	0.0997
5	1,000	1000	1	80	6.0	103.5	2.083	0.1142
6	1,000	1250	1.25	68	7.0	122.0	2.101	0.1425
7	1,000	1500	1.50	55	8.0	151.5	2.273	0.1710
8	1,000	1750	1.75	43	10.0	194.0	2.326	0.1995
9	1,000	2000	2	30	12.5	279.5	2.667	0.2283

After Hawk and Engleson (1992) and Salvucci and Entekhabi (1994)