

TABLE 9.3 Rain Climatic Zones—Rainfall Intensity Exceeded (mm/h)
(See Figures 9.4, 9.5, and 9.6 for Rain Regions)

Percentage of Time (%)	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
1.0	< 0.1	0.5	0.7	2.1	0.6	1.7	3	2	8	1.5	2	4	5	12	24
0.3	0.8	2	2.8	4.5	2.4	4.5	7	4	13	4.2	7	11	15	34	49
0.1	2	3	5	8	6	8	12	10	20	12	15	22	35	65	72
0.03	5	6	9	13	12	15	20	18	28	23	33	40	65	105	96
0.01	8	12	15	19	22	28	30	32	35	42	60	63	95	145	115
0.003	14	21	26	29	41	54	45	55	45	70	105	95	140	200	142
0.001	22	32	42	42	70	78	65	83	55	100	150	120	180	250	170

Source: Table 1, ITU-R Rec. PN.837-1 (Ref. 11).

480 RADIO SYSTEM DESIGN ABOVE 10 GHz

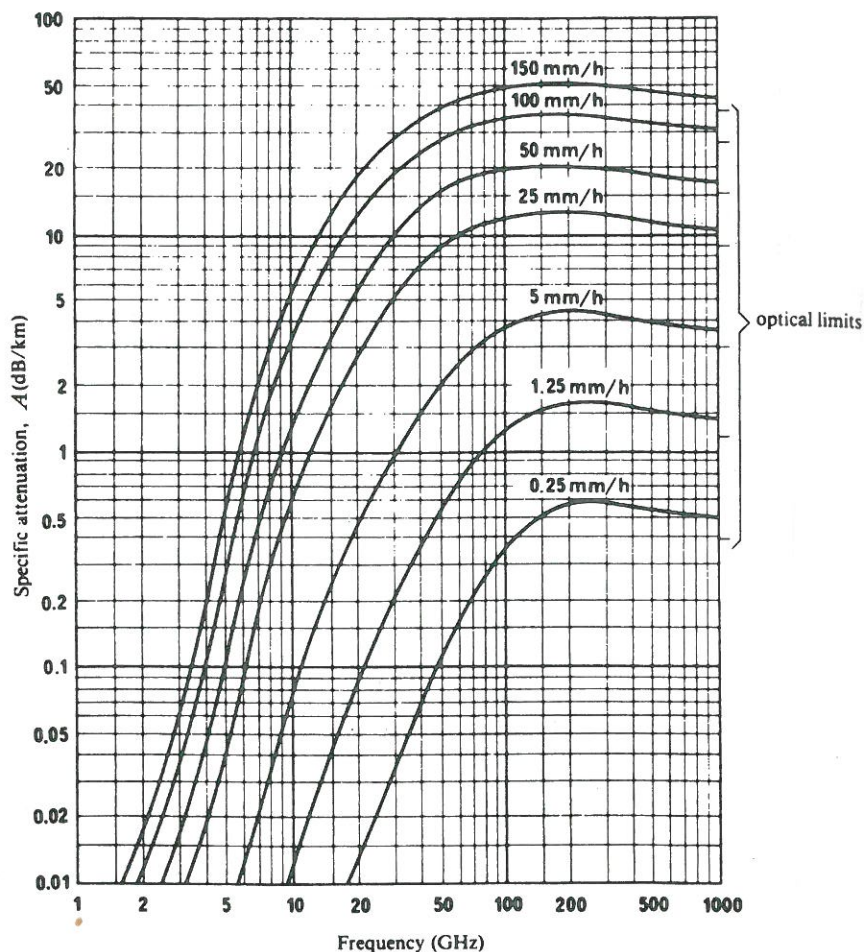


Figure 9.7. Specific attenuation A due to rain: raindrop-size distribution (Laws and Parsons); index of refraction of water at 20°C; spherical drops. (From CCIR Rep. 721-3, ITU-CCIR, Geneva; Ref. 12.)