

4. REFERENCES

- Barsis, A.P., and C.A. Samson (1976), Performance estimation for 15-GHz microwave links as a function of rain attenuation, IEEE Trans. on Comm., COM-24, No. 4, 462-470.
- Bean, B.R., B.A. Cahoon, C.A. Samson, and G.D. Thayer (1966), A World Atlas of Atmospheric Radio Refractivity, ESSA Monograph 1 (NTIS, Springfield, Va. 22151; AD 648805).
- Bean, B.R., and E.J. Dutton (1968), Radio Meteorology, (Dover Publications, Inc., New York, N.Y.).
- Burrows, C.R., and S.S. Attwood (1949), Radio Wave Propagation, (Academic Press Inc., New York, N.Y.).
- Deacon, E.L. (1969), Physical processes near the surface of the earth, Chapt. 2 of Vol. 2, World Survey of Climatology, H. Flohn, ed. (Elsevier Publishing Co., New York).
- Dougherty, H.T. (1968), A survey of microwave fading mechanisms, remedies, and applications, ESSA Tech. Rept. ERL-69-WPL-4 (NTIS, COM-71-50288).
- Hart, B.A., G.D. Thayer, and H.T. Dougherty (1971), Local and diurnal variations in ground-based radio refractivity gradients at tropical locations, OT/TRER 23, Office of Telecommunications (Supt. of Documents, U.S. Govt. Printing Office, Washington, D.C. 20402).
- Medhurst, R.G. (1965), Rainfall attenuation of centimeter waves: comparison of theory and measurement, IEEE Trans. Antennas and Prop., AP-13, No. 4, 550-564.
- Panaccio, L.A., R.L. Laborero, F.P. Rizzo, F.S. Vinacur, and R.C. Door (1970), Estudio del indice de refraccion en la Republica Argentina, Entel Argentina, Buenos Aires.
- Rutllant, J., G. Sippa, and R. Hoffmann (1970), Radioclimatologia de Chile, Publicacion No. 124, Departamento de Geofisica y Geodesia, Universidad de Chile, Santiago.
- Samson, C.A. (1975a), Refractivity gradients in the northern hemisphere, OT Report 75-59, Office of Telecommunications, (Supt. of Doc., U.S. Govt. Printing Office, Washington, D.C. 20402).
- Samson, C.A. (1975b), Atmospheric considerations in radio system engineering at 10 to 30 GHz, OT Report 75-66, Office of Telecommunications (Supt. of Documents, U.S. Govt. Printing Office, Washington, D.C. 20402).

Sims, A.L., and D.M.A. Jones (1973), Climatology of instantaneous precipitation rates, AFCRL-TR-73-0171 (Prepared by Ill. St. Water Survey, Urbana, Ill. for Air Force Cambridge Res. Labs., Bedford, Mass. 01730).

Smith, E.K., and S. Weintraub (1953), The constants in the equation for atmospheric refractive index at radio frequencies, Proc. IRE 41, No. 8, 1035-1037.

Sutanto, B. (1969), The radio refractive index of the atmosphere in Indonesia, Telecommunication J., 36, No. 11, 542-546.

Climatic and Geographic Data Sources

- Boughner, C.C., and M.K. Thomas (1960), The climate of Canada (Meteorological Branch, Air Services, Dept. of Transport, Toronto).
- EDS (1972), Local Climatological Data-Annual Summary with Comparative Data (for U.S. Weather Stations), Environmental Data Service, NOAA (National Climatic Center, Asheville, N.C. 28801).
- Merriam (1972), Webster's New Geographical Dictionary (G. & C. Merriam Co., Springfield, Mass. 01001).
- Met. O. (1958), Tables of Temperature, Relative Humidity, and Precipitation for the World, M. O. 617, British Meteorological Office (HMS Stationery Office, London).
- Searby, H.W. (1969), Coastal weather and marine data summary for Gulf of Alaska, Cape Spencer westward to Kodiak Island, ESSA Tech. Memo. EDSTM 8 (NTIS, Springfield, Va. 22151).
- Seltzer, L.E., ed. (1952), The Columbia Lippincott Gazetteer of the World (Columbia U. Press, Morningside, Hts., N.Y.).
- USN (1967), Worldwide Airfield Summaries, Vols. I-X (NTIS, Springfield, Va. 22151).
- USWB (1956), A climatic summary of the U.S., 1931-52, Louisiana, Climatology of the U.S. No. 11-14, U.S. Weather Bureau.
- WMO (1971), Climatological Normals (CLINO) for Climat and Climat Ship Stations for the period 1931-1960, WMO/OMM-No. 117.TP.52 (World Meteorological Organization, Geneva).