
For the amateur operator interested in working DX, knowledge of the location of distant stations is essential to permit setting of the antenna to the proper direction. In the past it has been the practice to use regular maps or special great circle maps for this purpose. In some cases, grammar school geographies have had to be depended upon for this important function.

This booklet has eliminated all guesswork by giving the setting in degrees from true north for all the prefixes used by amateurs. A separate table is provided for all the major U.S. cities as well as tables for Buenos Aires, London, and Mexico City. Each prefix is followed by a reading in clockwise degrees from true north. In addition, a table of magnetic compass deviation from true north is given for all major cities.


Like previous books in the RCA Technical Book Series, this newest volume is a compilation of technical papers written by RCA engineers on the subject of frequency modulation.

This first volume covers the period 1936 to 1947 and is divided into four major sections dealing with general papers. Two appendices, one including a FM bibliography and the other listing papers dealing with FM station placement and field survey techniques, are additions to the text material.

The material presented has been written for the engineer and covers such topics as FM noise characteristics, bandwidth and readability in FM, variation of bandwidth and modulation index in FM, FM propagation characteristics, generation and detection of FM waves, characteristics of the Pylon FM antenna, the service range of FM, impulse noise in FM reception, intermediate frequency values for FM receivers, duplex transmission of FM sound and facsimile, etc.

Engineers will find this new book a valuable addition to their technical libraries both as a reference and as a springboard for further research on frequency modulation.