

Coral Harbor, Northwest Territories, Canada

64-12 N, 83-22 W.

59 meters MSL

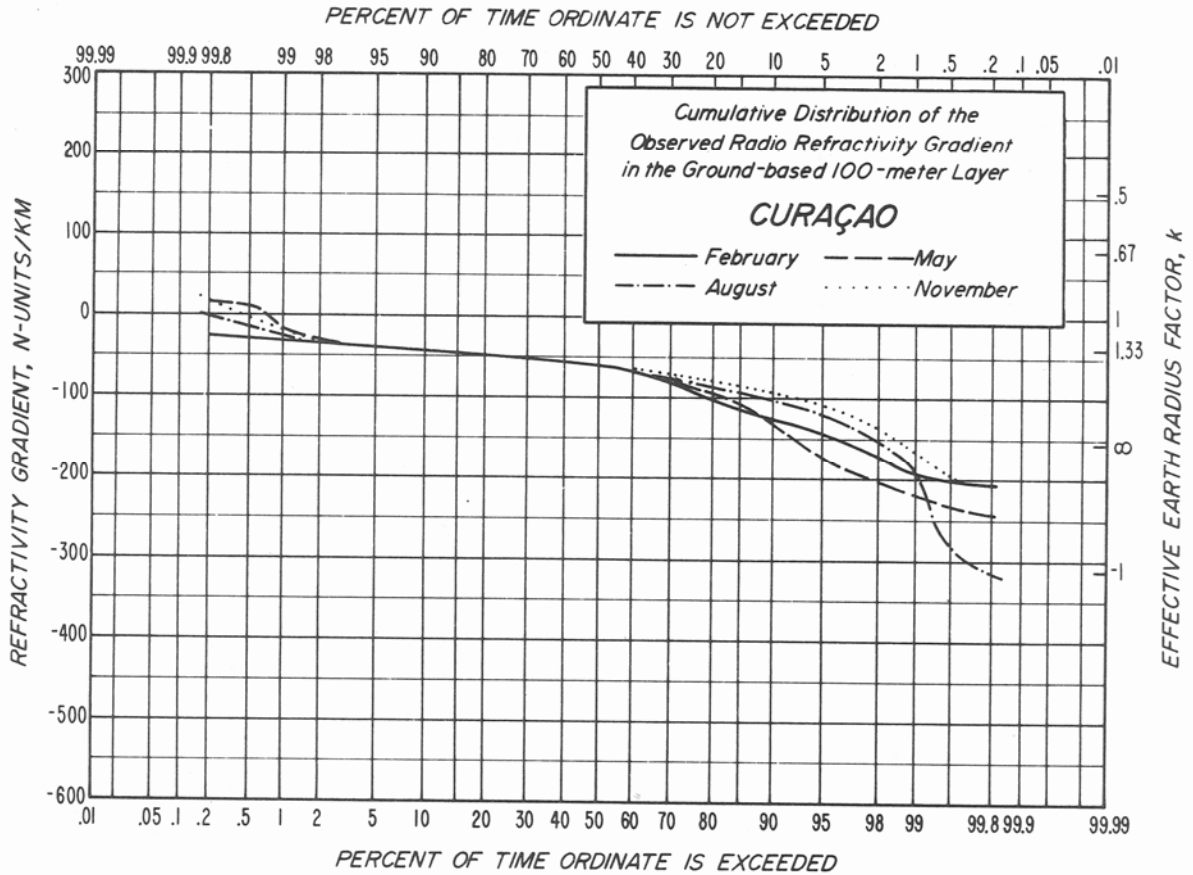
Data: Radiosonde. 0400 and 1600Z (2200 and 1000 LST)
 8/45 - 11/46
 0300 and 1500Z (2100 and 0900 LST)
 1/47 - 8/47, 11/47 - 12/47, 4/48 - 12/48
 0300Z (2100 LST)
 9/47 - 10/47, 1/48 - 3/48

Temperature (°F): January -12/-27; July 54/39

Mean Dewpoint (°F): January (M); July 39

Precipitation (inches): Annual 9.9; July 1.58; March 0.27

The station is on an inlet on the south coast of Southhampton Island in the northern part of Hudson Bay. Severe continental climate.



Curaçao, Netherlands West Indies

12-11 N, 68-59 W.

16 meters MSL

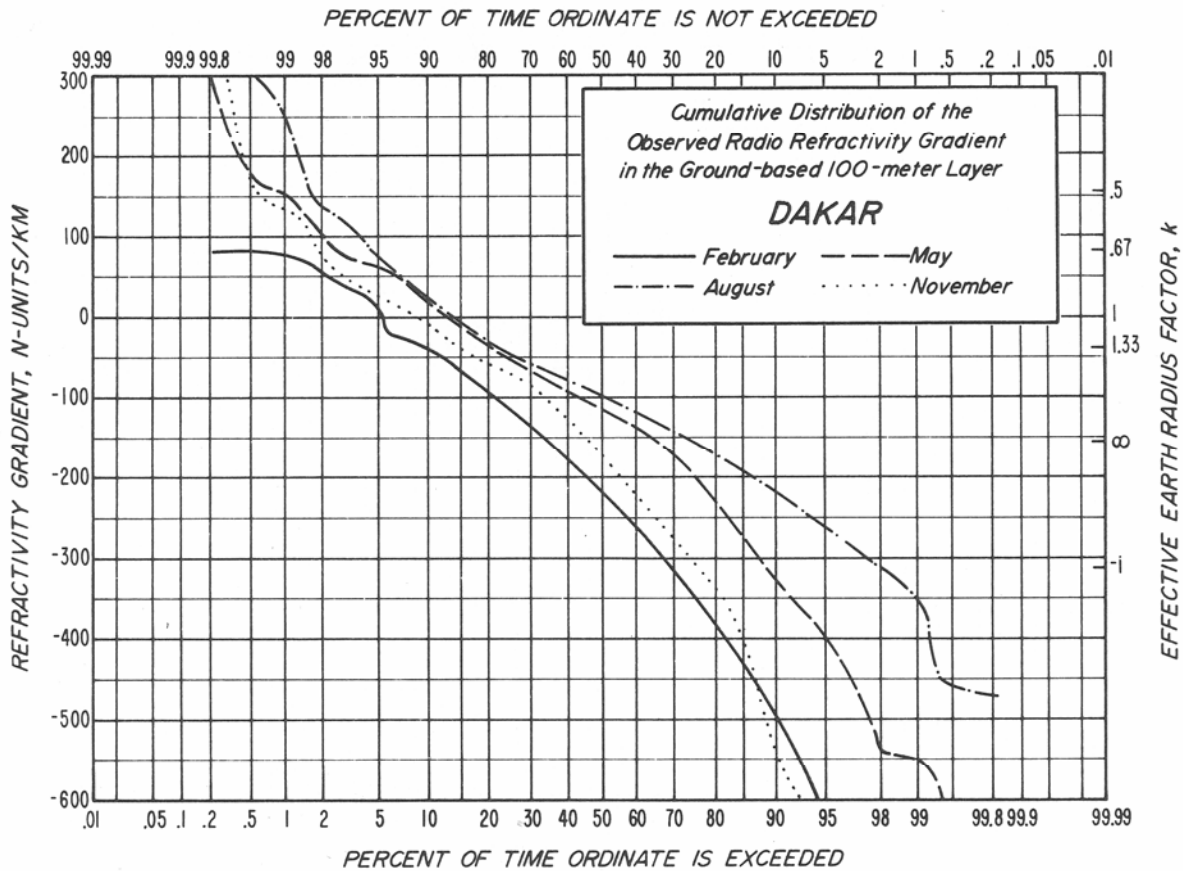
Data: Radiosonde. 1500Z (1000 LST)
 2/57 - 5/57
 0000 and 1200Z (1900 and 0700 LST)
 8/57 - 2/58; 8/58 - 11/61
 0000Z (1900 LST)
 5/58

Temperature (°F): January 84/75; July 88/79

Mean Dewpoint (°F): January 71; July 75

Precipitation (inches): Annual 21.3; November 4.18; February 0.44

Located on a large, generally flat island (36 miles by 8 miles) 60 miles off the coast of northwest Venezuela. Sparse vegetation. A humid tropical climate.



Dakar, Senegal

14-44 N, 17-30 W.

22 meters MSL

Data: Radiosonde. 0600Z (0500 LST)
 11/52 - 8/60

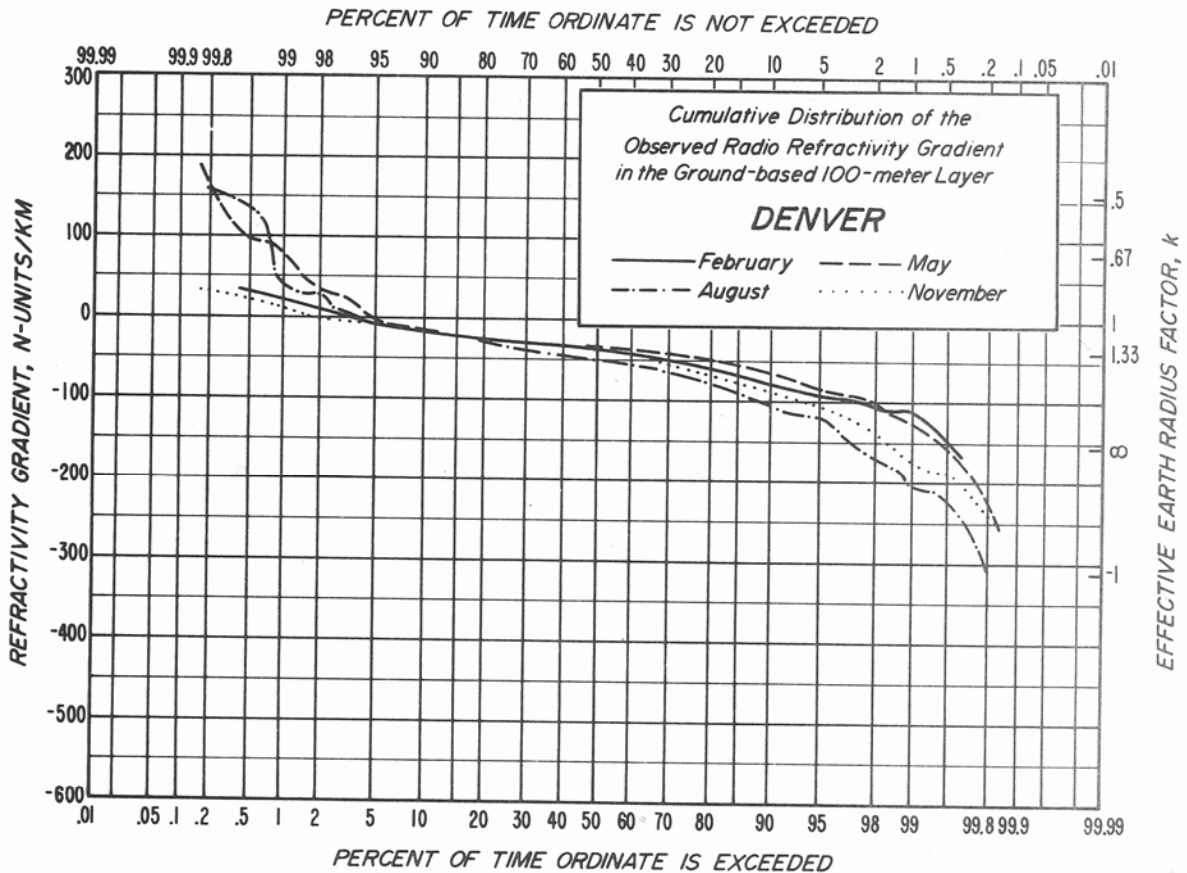
Note: Observations predominantly at 0600Z, but some other times included (February, 0600 and 1200Z; May, 0600 and 1200Z; August, 0000, 0600, and 1400Z; November, 0600, 0700, 1200, and 1400Z)

Temperature (°F): January 79/64; July 88/76

Mean Dewpoint (°F): January 55; July 71

Precipitation (inches): Annual 22.8; August 9.80; Jan., Mar., Apr. 0.00

Located on the west coast of Africa; tropical maritime climate with marked wet and dry seasons. Temperatures moderated by winds off the Atlantic Ocean.



Denver, Colorado

39-46 N, 104-53 W.

1625 meters MSL

Data: Radiosonde.

0300 and 1500Z (2000 and 0800 LST)
8/51 - 5/56

Temperature (°F):

January 42/15; July 88/57

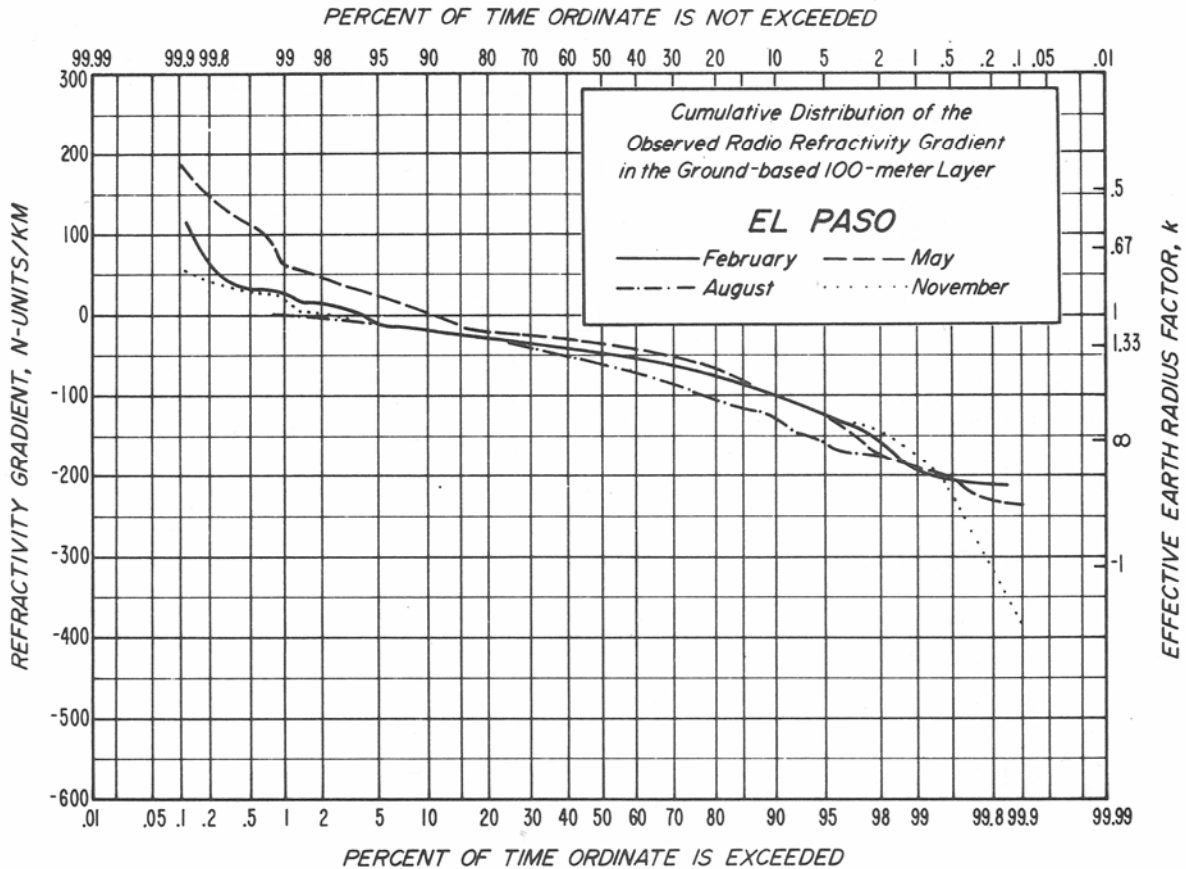
Mean Dewpoint (°F):

January 12; July 46

Precipitation (inches):

Annual 14.8; May 2.70; December 0.47

Located in gently rolling terrain about 25 miles east of the foothills and 45 miles east of the 13000 to 14000 ft peaks of the Continental Divide of the Rocky Mountains. A semi-arid continental interior climate.



El Paso, Texas

31-48 N, 106-24 W.

1194 meters MSL

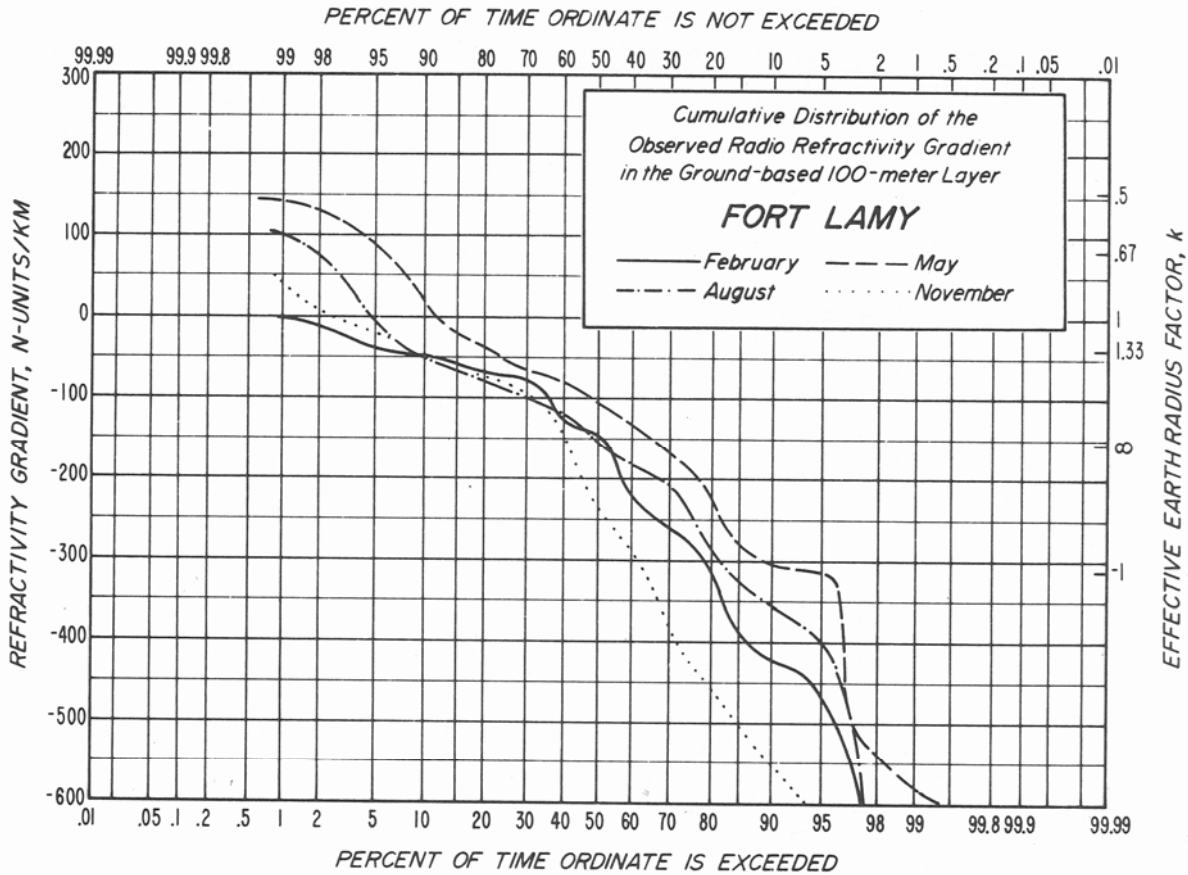
Data: Radiosonde. 0300 and 1500Z (2000 and 0800 LST)
 1/51 - 5/57
 0000 and 1200Z (1700 and 0500 LST)
 6/57 - 12/57

Temperature (°F): January 56/30; July 95/69

Mean Dewpoint (°F): January 24; July 54

Precipitation (inches): Annual 7.9; July 1.29; April 0.29

This station is on a mesa about 200 ft above the flat, irrigated land in the Rio Grande valley; a relatively low range of mountains lies to the north. The prevailing winds are from the north in winter and from the south in summer. Arid climate with mild winters and hot summers.



Ft. Lamy, Chad

12-08 N, 15-02 E.

300 meters MSL

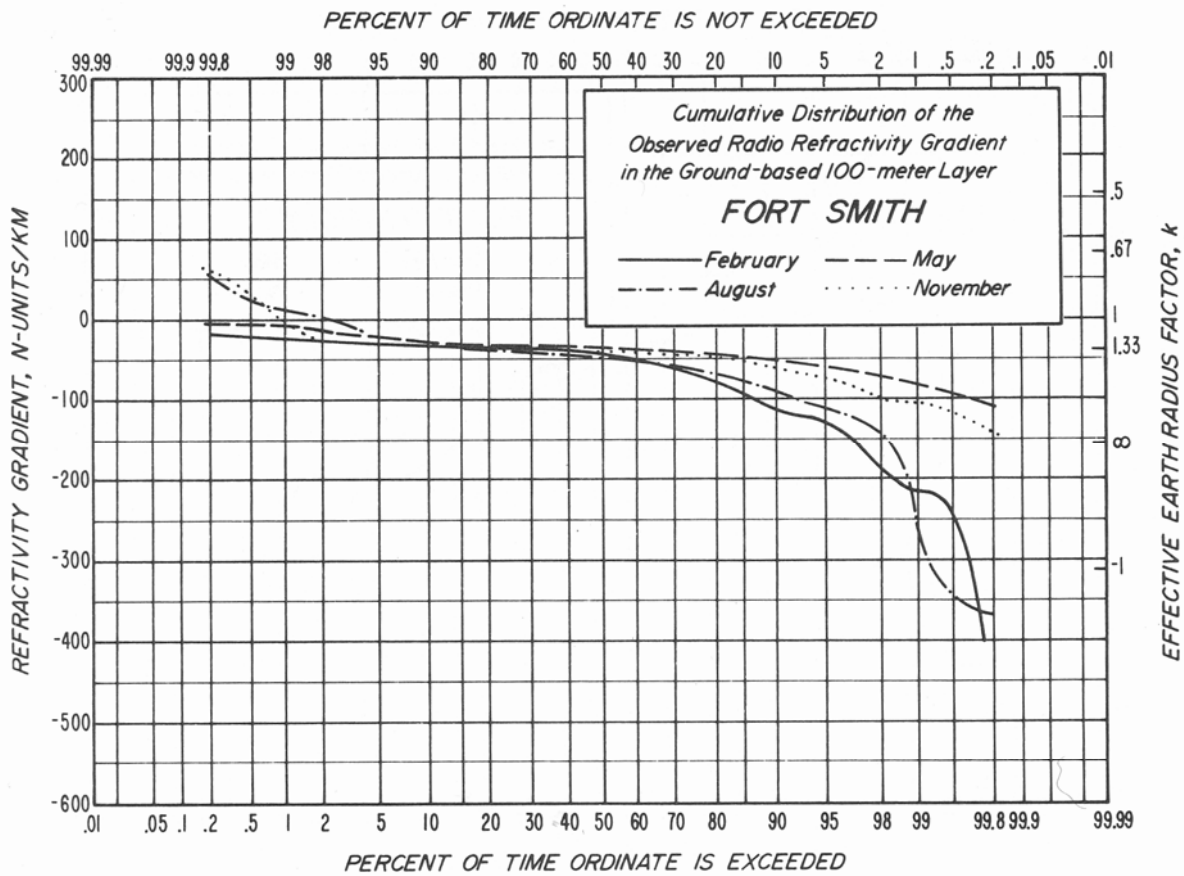
Data: Radiosonde. 0300Z (0400 LST)
5/59 - 5/63

Temperature (°F): January 93/57; July 93/73

Mean Dewpoint (°F): January 46; July 73

Precipitation (inches): Annual 25.5; August 10.12; Jan., Feb., Mar.,
Dec. 0.00

Located on the Shari River in southwest Chad; alluvial plain in vicinity is flooded in rainy season. Tropical continental climate with hot, dry winters and hot, humid, rainy summers.



Fort Smith, Northwest Territories, Canada

60-01 N, 111-58 W

203 meters MSL

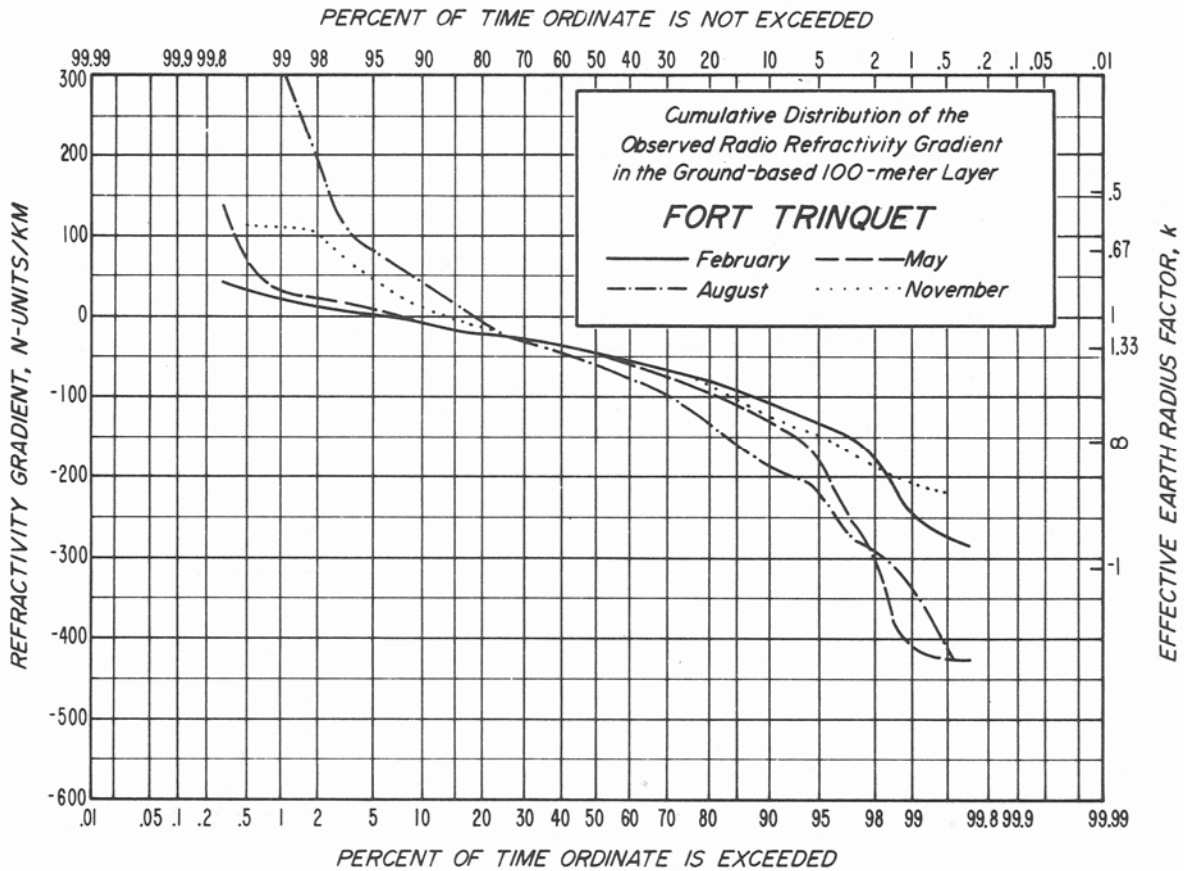
Data: Radiosonde. 0300 and 1500Z (2000 and 0800 LST)
 1/45 - 8/46, 10/46 - 3/47, 10/48 - 12/49
 0300Z (2000 LST)
 9/46, 4/47 - 9/48

Temperature (°F): January -5/-22; July 74/48

Mean Dewpoint (°F): January (M); July 51

Precipitation (inches): Annual 12.6; July 1.99; April 0.52

Located on the Slave River. A severe continental climate.



Ft. Trinquet (Bir Mogreïn), Mauritania

25-14 N, 11-37 W.

359 meters MSL

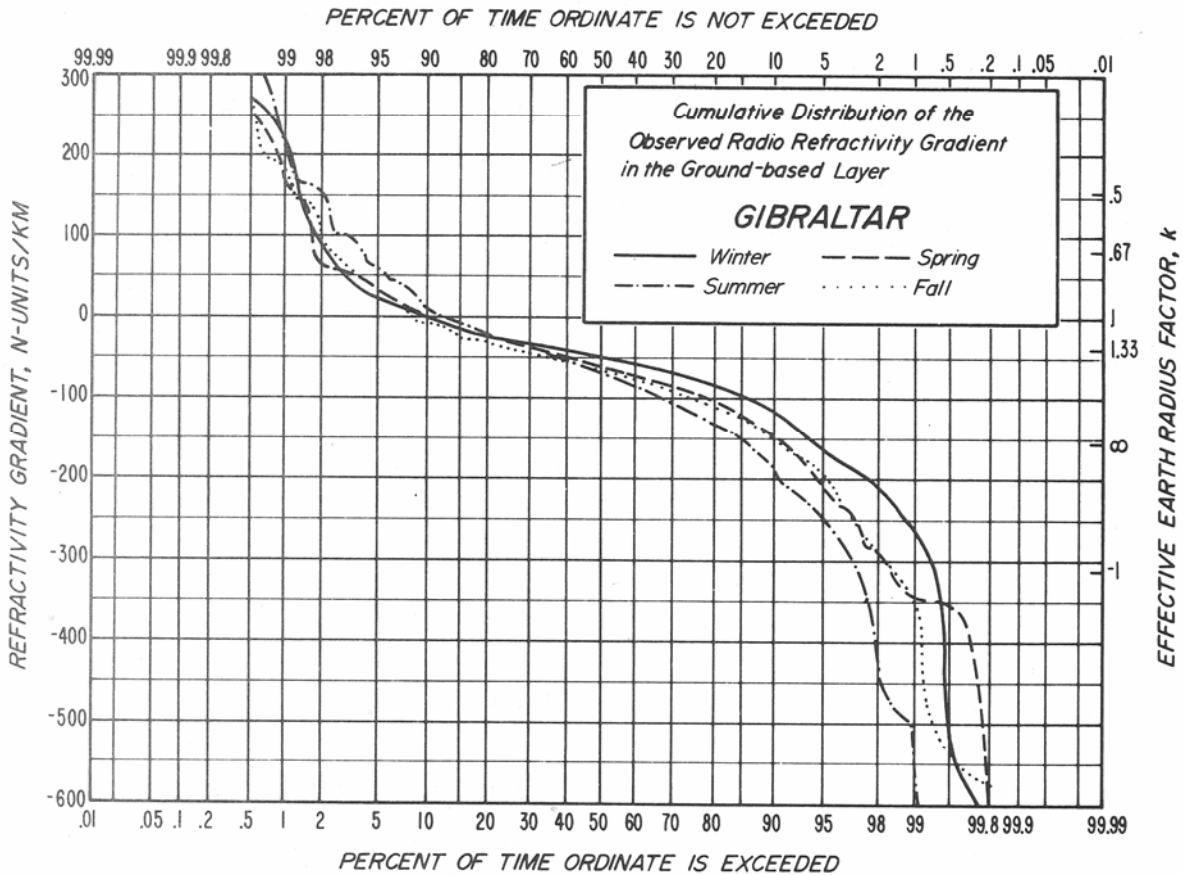
Data: Radiosonde. 1100Z (1000 LST)
 2/58 - 11/59
 1200Z (1100 LST)
 2/60 - 5/63

Temperature (°F): January 79/M; July 111/M

Mean Dewpoint (°F): January 32; July 51

Precipitation: Less than 4 in/yr.

In the Sahara region; very hot, dry, desert climate.



Gibraltar (British Colony)

36-09 N, 05-21 W.

3 meters MSL

Data: Radiosonde. 0000 and 1200Z (0000 and 1200 LST)
1/68 - 12/70

Note: Calculated refractivity gradient between surface and next higher level. See text.

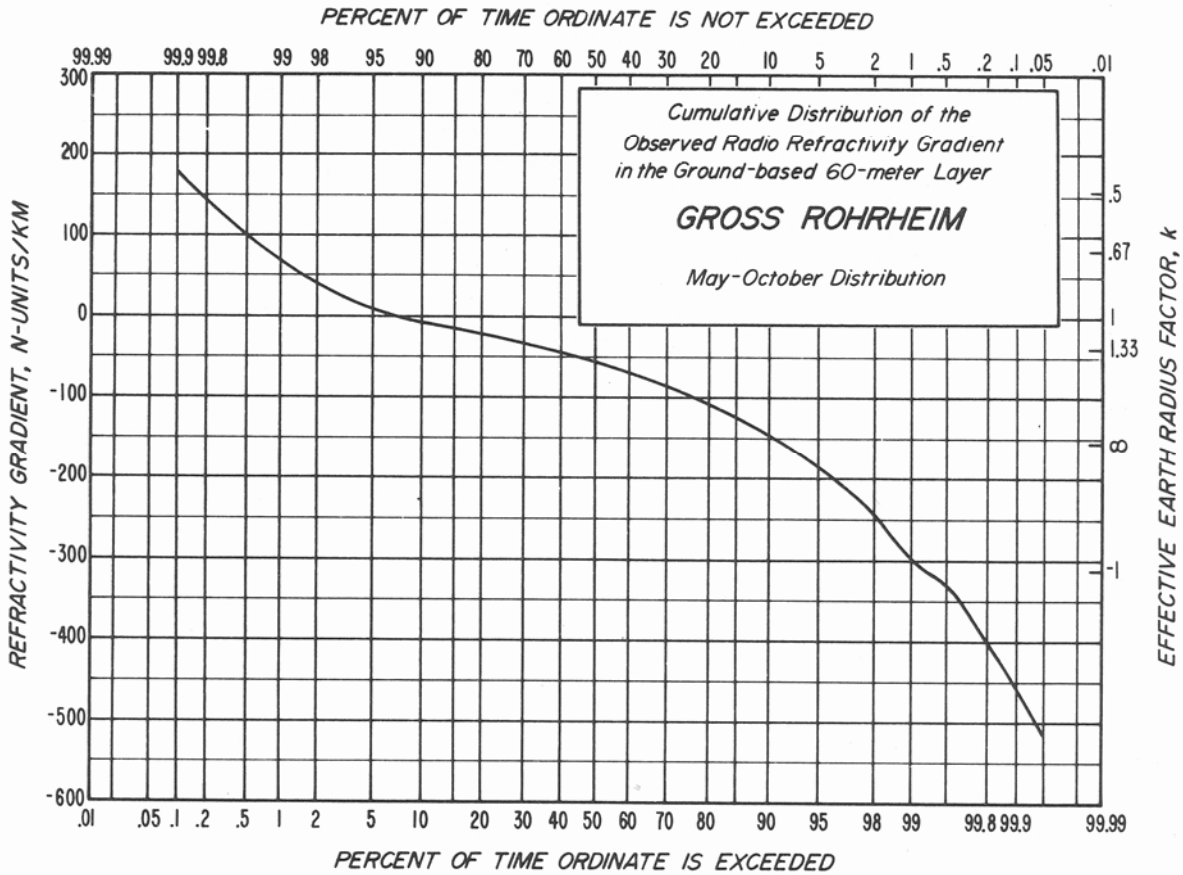
Analyzed by: Davis and Wagner, Environmental Technical Applications Center, U.S. Air Force, Washington, D.C.

Temperature (°F): January 60/50; July 83/68

Mean Dewpoint (°F): January 48; July 63

Precipitation (inches): Annual 32.1; January 6.06; July 0.04

Located on a 2.25 sq. mile peninsula on the southern tip of Spain. Maritime climate with hot and nearly rainless summers and warm, rainy winters.



Gross Rohrheim, Germany (Federal Republic)

49-43 N, 08-28 E.

90 meters MSL

Data: 60-meter gradients based on 3-hrly dry- and wet-bulb temperature measurements on a 65-meter tower 20 km southwest of Darmstadt. June - October 1966; May - October 1967

Analyzed by: Dr. L. Fehlhaber, Fernmeldetechnisches Zentralamt, Darmstadt

Temperature (°F): January 38/29; July 75/56

Mean Dewpoint (°F): January 29; July 54

Precipitation (inches): Annual 25.0; July 2.80; February 1.58

Located in the Rhine Valley. A continental climate modified by exposure to maritime air masses.