

Oakland, California

37-44 N, 122-12 W.

6 meters MSL

Data: Radiosonde.

0300 and 1500Z (1900 and 0700 LST)

8/52 - 8/54

0300, 0900, 1500, 2100Z

11/54 - 5/57

Temperature (°F):

January 55/41; July 73/56

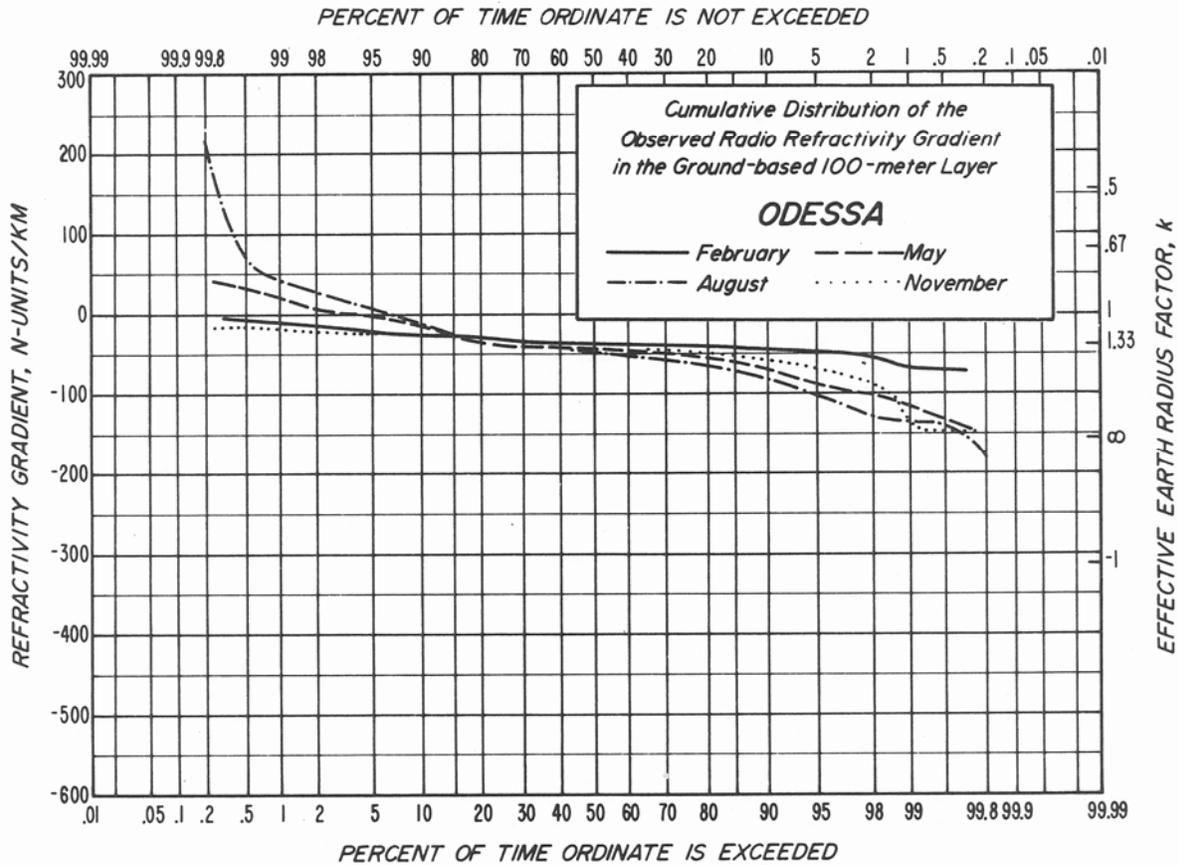
Mean Dewpoint (°F):

January 41; July 53

Precipitation (inches):

Annual 17.9; January 3.83; July (Trace)

Located on the east side of San Francisco Bay, with prevailing westerly winds off the Pacific Ocean. A mild maritime climate, with rainy winters and cool and dry summers. Often cloudy in the mornings during the summer.



Odessa, Ukraine, U.S.S.R.

46-29 N, 30-38 E.

64 meters MSL

Data: Radiosonde.

0000Z (0200 LST)

5/53 - 2/57 and 2/60 - 11/60

0000 and 1200Z (0200 and 1400 LST)

8/57 - 11/59

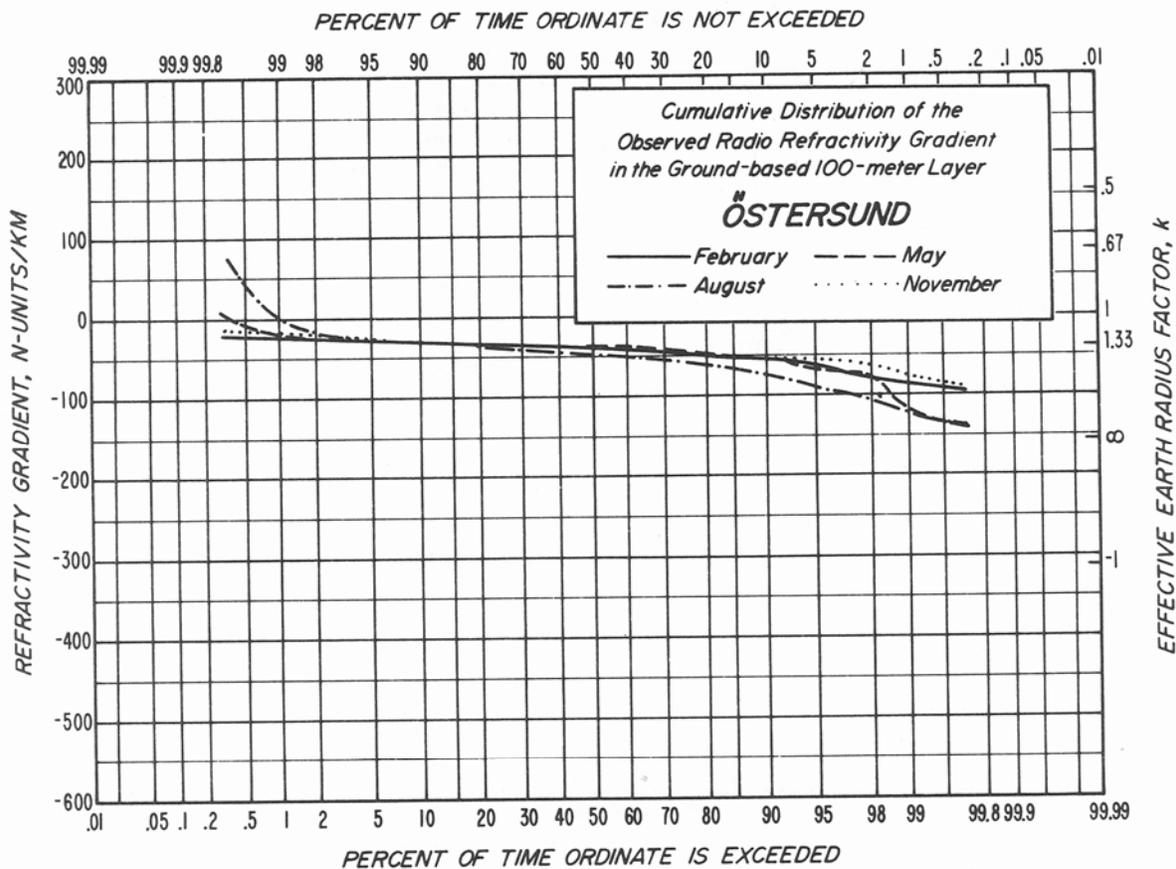
Temperature (°F):

January 28/22; July 79/65

Precipitation (inches): Annual 14.3; June 1.9; Feb., March 0.7

Located near the mouth of the Dneister River on Odessa Bay of the northwest shore of the Black Sea. Steppe area. Moderate continental climate; semi-arid.





Östersund, Sweden

63-11 N, 14-37 E.

309 meters MSL

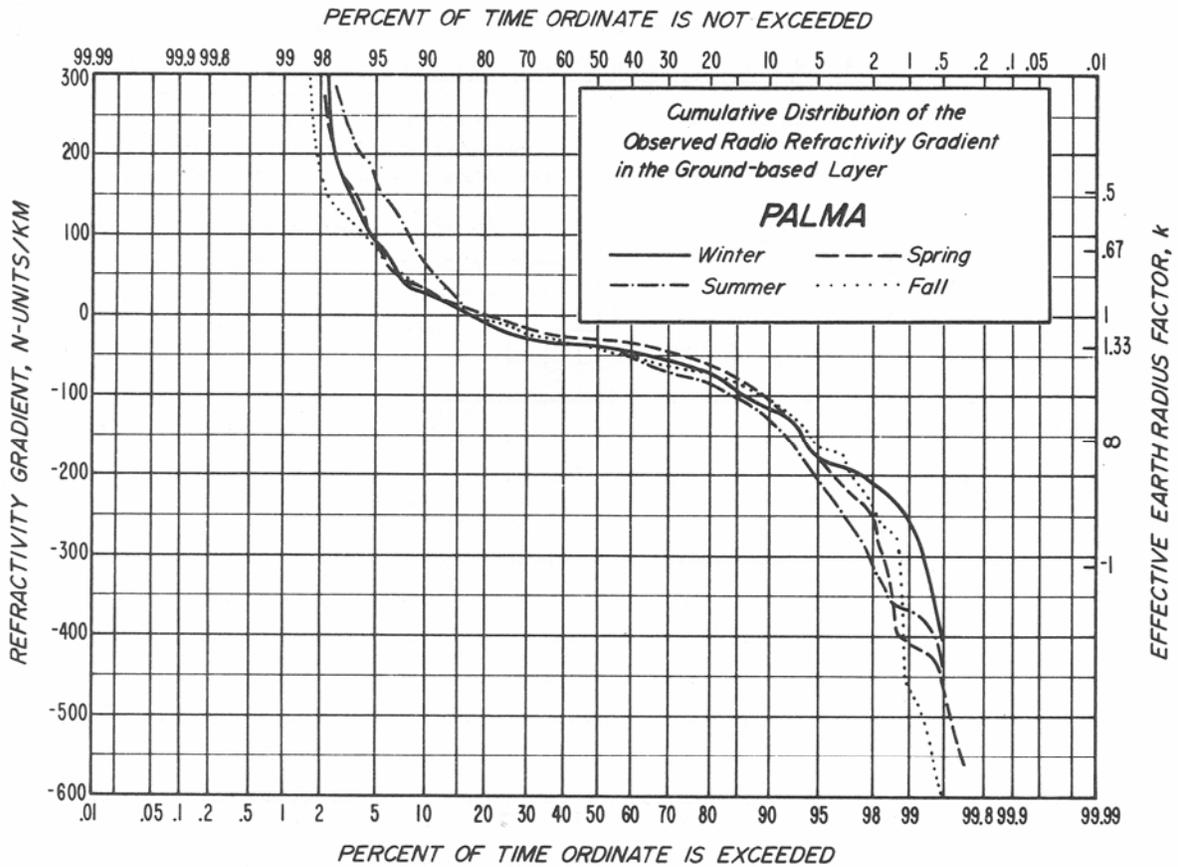
Data: Radiosonde.      0200Z (0300 LST)  
                                  2/57  
                                  0000Z (0100 LST)  
                                  5/57 - 5/62

Temperature (°F):      January 26/15; July 67/50

Mean Dewpoint (°F):    January 18; July 50

Precipitation (inches): Annual 20.6; August 3.0; February 0.8

Located on Lake Storsjon in north-central Sweden. A cool, primarily maritime climate.



Palma, Majorca

39-36 N, 02-42 E.

54 meters MSL

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

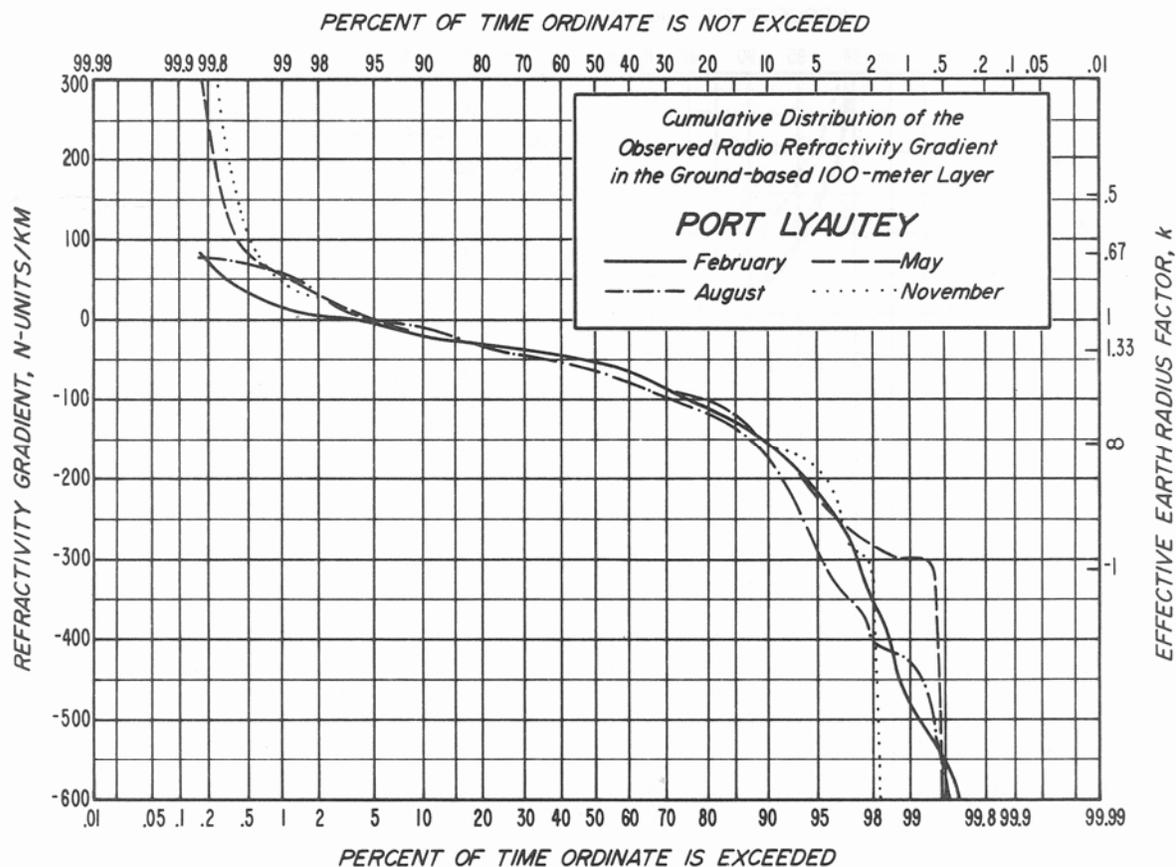
Note: Calculated refractivity gradient between surface and next higher level. See text.

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

Temperature (°F): January 57/42; July 84/66

Precipitation (inches): Annual 19.4; October, November 2.8; July 0.2

Located on southwest side of a large mountainous island (1405 sq. miles) in the Mediterranean Sea; 145 miles east of the Spanish coast. A maritime climate with mild winters and hot, dry summers.



Port Lyautey (Kenitra), Morocco

34-18 N, 06-36 W.

12 meters MSL

Data: Radiosonde.

0300 and 1500 LST  
8/52 - 5/57

Temperature (°F):

January 63/47; July 80/66

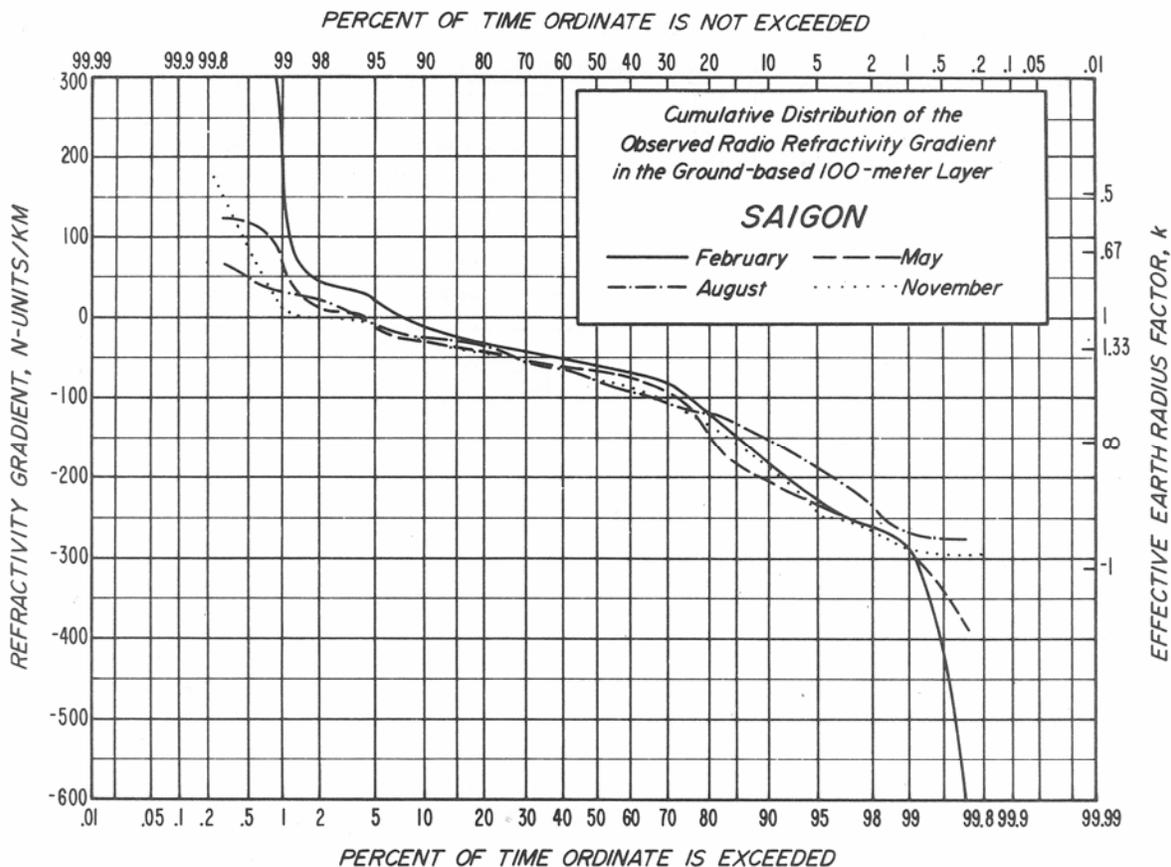
Mean Dewpoint (°F):

January 50; July 65

Precipitation (inches):

Annual 23.9; December 5.53; July 0.00

Located about 10 miles from the Atlantic Ocean on a river in northwest Morocco. A maritime temperature climate with warm, dry summers and mild, wet winters.



Saigon, Viet Nam

10-49 N, 106-40 E.

10 meters MSL

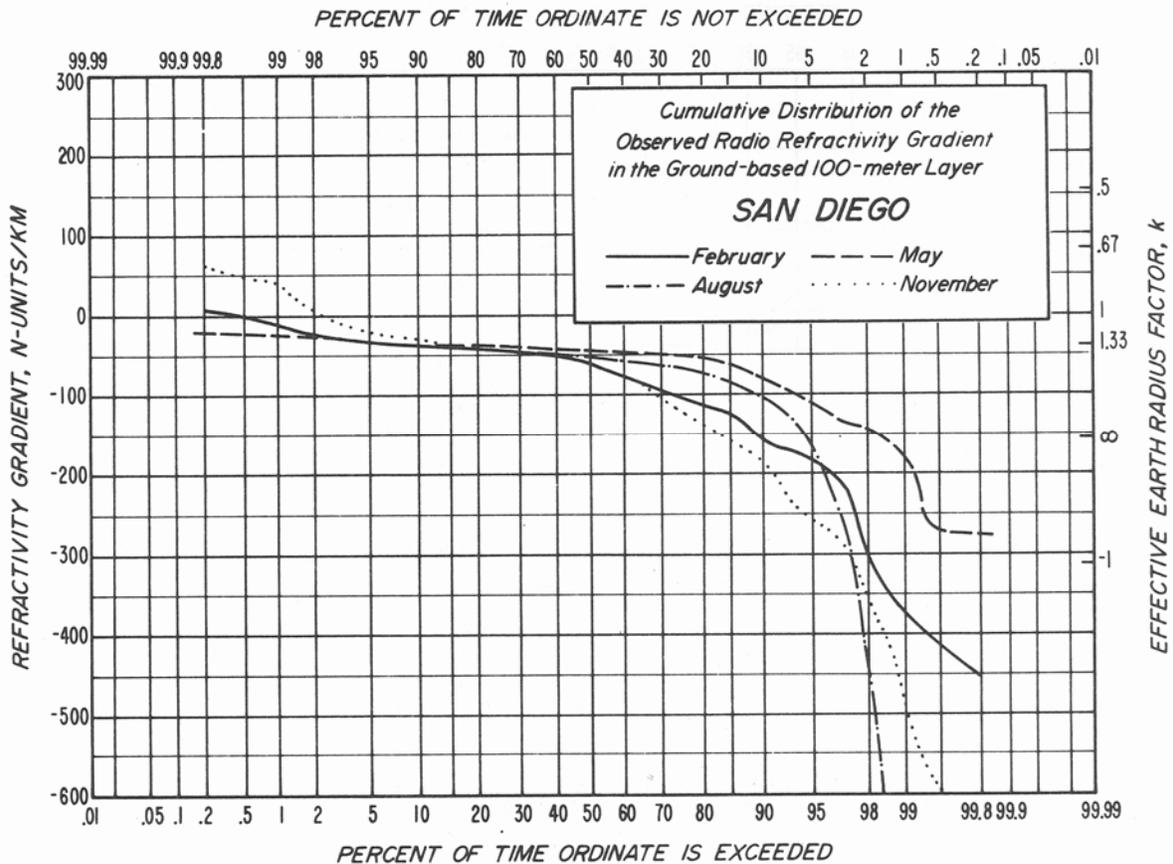
Data: Radiosonde.            0200Z (0900 LST): 8/52 - 8/53; 0100Z (0800 LST):  
    11/53 - 2/54; 0000Z (0700 LST): 5/54 - 11/54;  
    0300Z (1000 LST): 8/55 - 2/57

Temperature (°F):            January 89/70; July 88/75

Mean Dewpoint (°F):        January 68; July 75

Precipitation (inches):    Annual 78.1; September 13.2; February 0.1

Located on the Saigon River; a port city about 60 miles from the South China Sea. A humid, tropical monsoon climate.



San Diego, California

32-44 N, 117-10 W.

9 meters MSL

Data: Radiosonde.

0300 and 1500Z (1900 and 0700 LST)  
8/52 - 5/57

Temperature (°F):

January 65/45; July 77/63

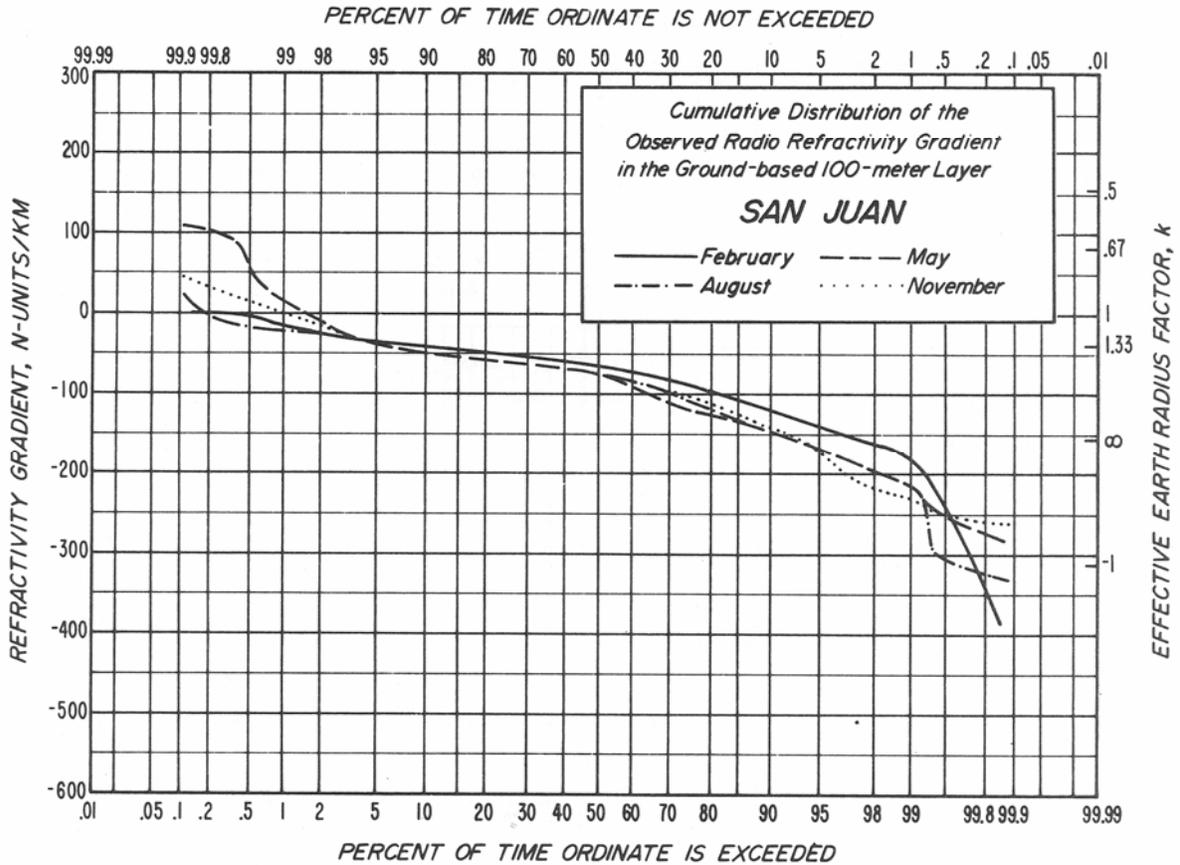
Mean Dewpoint (°F):

January 45; July 61

Precipitation (inches):

Annual 10.4; February 2.15; July 0.01

Located near San Diego Bay, with prevailing winds off the Pacific Ocean. A mild maritime climate, with cool dry summers and relatively mild winters. Night and early morning low cloudiness is common in spring and summer, and there is considerable fog in winter.



San Juan, Puerto Rico

18-26 N, 66-00 W.

19 meters MSL

Data: Radiosonde.

0300 and 1500Z (2300 and 1100 LST)

1/51 - 5/57

0000 and 1200Z (2000 and 0800 LST)

6/57 - 12/57

Temperature (°F):

January 81/70; July 86/76

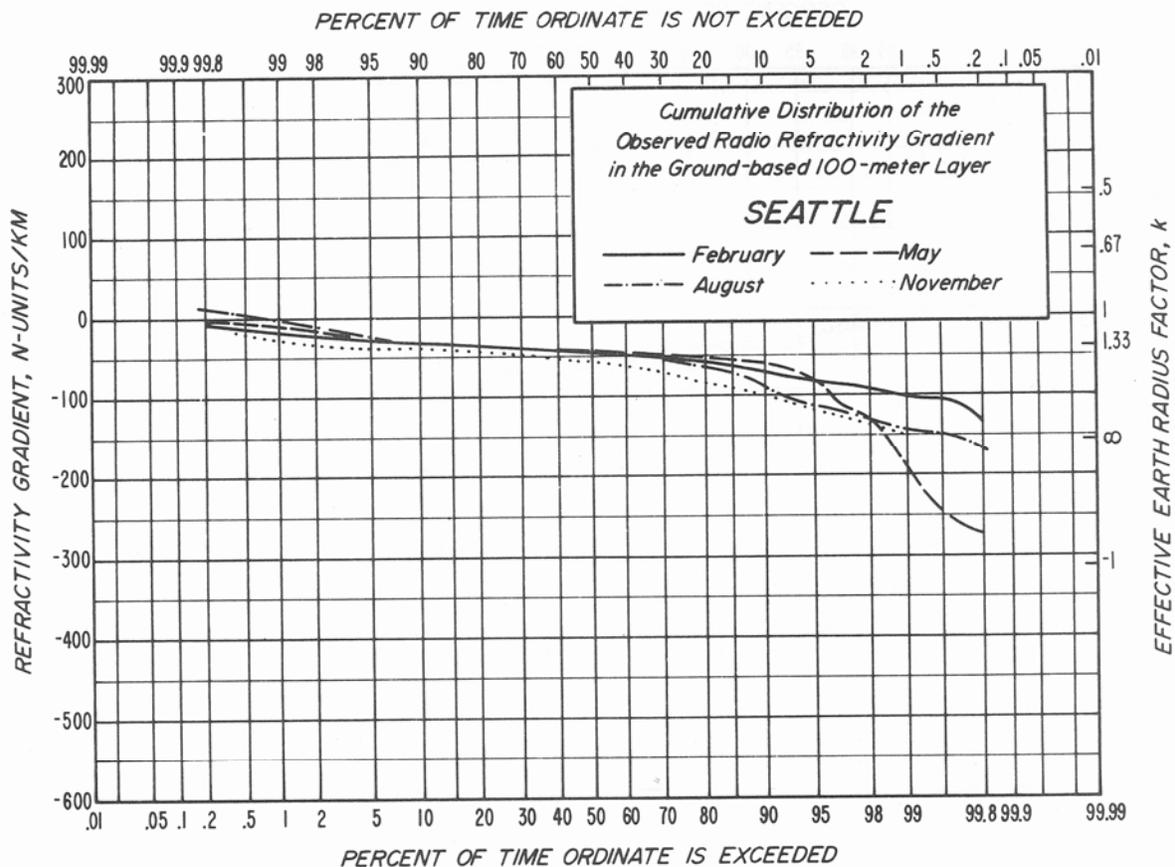
Mean Dewpoint (°F):

January 68; July 74

Precipitation (inches):

Annual 68.0; August 7.42; March 2.23

Located on the northeast coast of a large island (3423 sq. miles) and surrounded by the Atlantic Ocean and San Juan Bay. A tropical marine climate in the easterly trade wind belt.



Seattle, Washington

47-27 N, 122-18 W.

130 meters

Data: Radiosonde.

0300 and 1500Z (1900 and 0700 LST)  
8/52 - 5/57

Temperature (°F):

January 44/33; July 76/54

Mean Dewpoint (°F):

January 33; July 52

Precipitation (inches):

Annual 38.9; December 6.29; July 0.81

The station is located on a low north-south ridge between Puget Sound and the Green River-White River valleys. Puget Sound is about 2 miles to the west, the Olympic Mountains about 50 miles west, and the Cascade Mountains about 40 - 50 miles east. The maritime coastal climate is modified by the nearby mountain ranges; there is considerable cloudiness and rain in winter but summers are relatively dry and mild with light winds.