**Description of the Digital Maps of the Wet Term of Surface Refractivity Included in Rec. ITU-R P.453-14:**

The monthly and the annual wet term of the surface refractivity maps have been derived from 36 years (1979-2014) of European Centre of Medium-range Weather Forecast (ECMWF) ERA Interim data.

XX= Month of the Year (e.g., 01 = Jan, 12 = Dec)

|  |  |  |
| --- | --- | --- |
| **Probability of Exceedance** | **Annual Wet Term of the Surface Refractivity** | **Monthly Wet Term of the Surface Refractivity** |
| 0.1% | NWET\_Annual\_01.TXT | NWET\_ MonthXX \_01.TXT |
| 0.2% | NWET \_Annual\_02.TXT | NWET \_ MonthXX \_02.TXT |
| 0.3% | NWET \_Annual\_03.TXT | NWET \_ MonthXX \_03.TXT |
| 0.5% | NWET \_Annual\_05.TXT | NWET \_ MonthXX \_05.TXT |
| 1.0% | NWET \_Annual\_1.TXT | NWET \_ MonthXX \_1.TXT |
| 2.0% | NWET \_Annual\_2.TXT | NWET \_ MonthXX \_2.TXT |
| 3.0% | NWET \_Annual\_3.TXT | NWET \_ MonthXX \_3.TXT |
| 5.0% | NWET \_Annual\_5.TXT | NWET \_ MonthXX \_5.TXT |
| 10.0% | NWET \_Annual\_10.TXT | NWET \_ MonthXX \_10.TXT |
| 20.0% | NWET \_Annual\_20.TXT | NWET \_ MonthXX \_20.TXT |
| 30.0% | NWET \_Annual\_30.TXT | NWET \_ MonthXX \_30.TXT |
| 50.0% | NWET \_Annual\_50.TXT | NWET \_ MonthXX \_50.TXT |
| 60.0% | NWET \_Annual\_60.TXT | NWET \_ MonthXX \_60.TXT |
| 70.0% | NWET \_Annual\_70.TXT | NWET \_ MonthXX \_70.TXT |
| 80.0% | NWET \_Annual\_80.TXT | NWET \_ MonthXX \_80.TXT |
| 90.0% | NWET \_Annual\_90.TXT | NWET \_ MonthXX \_90.TXT |
| 95.0% | NWET \_Annual\_95.TXT | NWET \_ MonthXX \_95.TXT |
| 99.0% | NWET \_Annual\_99.TXT | NWET \_ MonthXX \_99.TXT |

Coordinates of the grid points in the above .TXT files:

Latitudes: LAT.TXT

Longitudes: LON.TXT