Press Release by Palestinian Central Bureau of Statistics (PCBS) and the Palestinian Meteorological Directorate (PMD) on the Occasion of World Meteorological Day (WMD), March 23, 2017.

This Year's Theme: "Understanding Clouds"

Every year on the 23rd March, the World Meteorological Organization (WMO), consisted of 189 members, and the global meteorological community celebrate the World Meteorological Day around a chosen theme. This year's theme is "Understanding Clouds".

In Palestine, this day is celebrated by Meteorological specialists, mainly (PMD).

The PMD conducts optimal observations of climatic conditions in the direct or indirect service of different forms of life to contribute effectively to the development of the national economy. Palestine is an observer in the WMO and a member of the Arab Organization of Meteorology in the League of Arab States.

The following are the most prominent features of the weather in Palestine during the 2016 (1/1/2016 - 31/12/2016)

Amount of Rainfall in 2016 around the Mean Average

The amount of rainfall in 2016 was 681 mm in Nablus Station, and 107 mm in Jericho station. The mean average rainfall in Nablus station is 660 mm and 166 mm in Jericho, and the distribution of rainfall level was concentrated in most of the governorates in December and January during the year 2016.

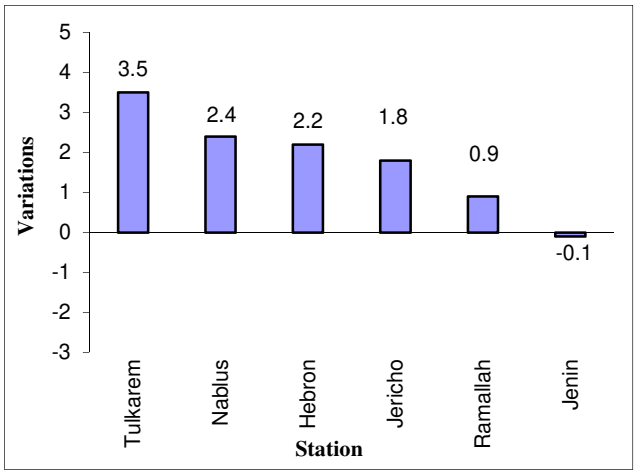
Cumulative Amount of Rainfall for 2016
Compared with the Mean Average Figures in Some West Bank Stations

Station	Quantity of Rainfall (mm) (1/1-31/12/2016)	Mean Average	From Mean Average%
Nablus	681	660	103
Hebron	606	596	102
Ramallah	568	615	92
Jenin	548	602	91
Tulkarem	439	486	90
Jericho	107	166	65

High Temperatures in 2016 Compared with Mean Average

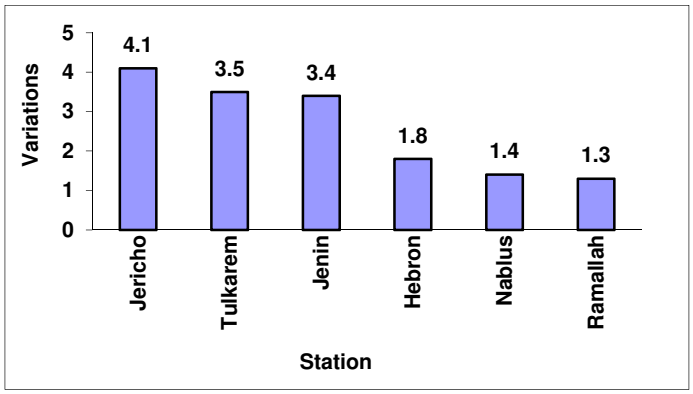
Maximum air temperatures during 2016 were higher than the mean average by (3.5°C) in Tulkarem station; the smallest variation was decreased by (0.1°C) in Jenin station.

Variations in Maximum Air Temperature in 2016 (°C) From Mean Average in Some West Bank Stations



Minimum temperatures in 2016 were also higher than the mean average by around 1.3 °C in Ramallah station and 4.1 °C in Jericho station.

Variations in Minimum Air Temperature (°C) from Mean Average in Some West Bank Stations, 2016



Higher Total Evaporation in 2016

The total evaporation in 2016 was ranged between 2,449 mm in Jericho station and 1,791 mm in Hebron Station during 2016.

Total Evaporation in 2016 and Mean Average in Some West Bank Stations

Station	Total Evaporation (MM), 2016	Mean Average	From Mean Average %
Jericho	2,449	2,101	117
Jenin	2,120	..	..
Nablus	2,047	1,682	122
Ramallah	1,864	1,889	99
Hebron	1,791	1,608	111

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Highest Annual Humidity in Nablus, Lowest in Jericho

Data showed that annual relative humidity in 2016 ranged between 42% in Jericho station and 71% in Nablus station.

Mean Relative Humidity (%) in 2016 and Mean Average in Some West Bank Stations

Station	Relative Humidity (%), 2016	Mean Average	From Mean Average %
Nablus	71	61	116
Ramallah	67	57	118
Jenin	64	69	93
Hebron	64	62	103
Tulkarem	58	70	83
Bethlehem	56	60	93
Jericho	42	52	81

..: Data not Available

Average Hours of Sunlight in 2016 Compared with 2015

During 2016, the average hours of sunlight ranged between 8.8 hours per day in Jericho station and 8.3 hours per day in Hebron station, compared to 2015 where it was 8.6 hours per day in Jericho station and 8.4 hours per day in Hebron and Jenin station.