



The Palestinian Central Bureau of Statistics (PCBS) and the Palestinian Meteorological Directorate (PMD) jointly issue a press release on the Occasion of the World Meteorological Day (WMD), March 23rd, 2022.

This Year's Theme: "Early Warning and Early Action"

Every year on March 23rd, the World Meteorological Organization (WMO), which is composed of 189 members, and the global meteorological community celebrate the World Meteorological Day. This year's theme is "Early Warning and Early Action".

The following are the most prominent features of the weather in Palestine

The Amount of Rainfall was the highest in Salfit Governorate

Data showed that the highest amount of rainfall during the current rainy season was 790 mm in Salfit Governorate (which represented 113% of the mean average of the governorate), whereas the lowest amount of rainfall during the current rainy season was 132 mm in Jericho Governorate (which represented 80% of the mean average of the governorate).

Cumulative amounts of rainfall from the beginning of the current rainy season 2021/2022 till 14/03/2022

Governorate	Quantity of Rainfall till 14/03/2022 (mm)	Mean Average (mm)	% of Mean Average
Salfit	790.0	698.1	113
Qalqiliya	710.0	624.9	114
Ramallah & Al-Bireh	696.7	615.2	113
Nablus	642.8	660.1	97
Tulkarm	612.5	602.4	102
Jerusalem	476.2	537.0	89
Hebron	467.2	595.9	78
Bethlehem	463.2	518.4	89
Jenin	432.7	468.2	92
Tubas	379.6	431.2	88
Jericho	132.2	166.0	80

Highest Annual Humidity is in Nablus and the Lowest is in Jericho

Data showed that the annual relative humidity in 2020 ranged between 47% in Jericho Station and 80% in Nablus Station.

Mean Relative Humidity (%) in 2020 and Mean Average in Some West Bank Stations

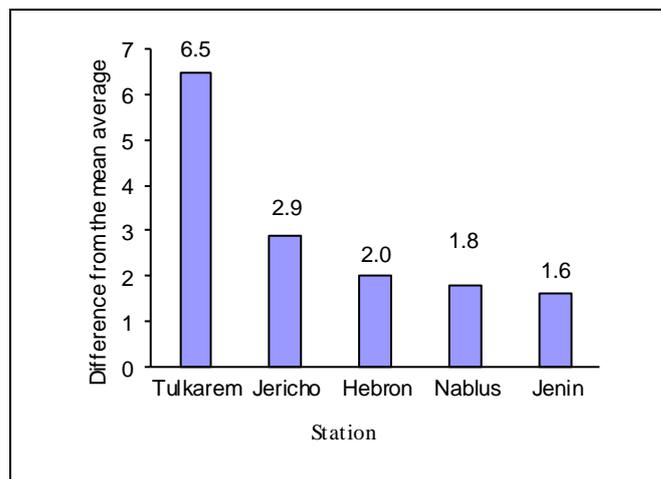
Station	Relative Humidity (%), 2020	Mean Average %	% of Mean Average
Nablus	80	61	131
Hebron	70	62	113
Jenin	69	69	100
Tulkarm	58	70	83
Jericho	47	52	90

Air Temperatures in 2020 are higher than the mean average

Temperature data were analyzed by selecting stations that represent the climate system in Palestine. The analysis sample was taken for a station representing the mountainous and semi-coastal areas and Al-Aghwar region. PMD data showed that air temperatures in 2020 were higher than the mean average by (6.5°C) in Tulkarm Station.

This significant rise in air temperatures is due to Palestine being affected by heat waves during the months of May, August and September, where the effect of which was greater on the mountainous, coastal and semi-coastal areas; hence, it made the temperature rise in these areas reaching higher percentages from their mean average. Thus, those heat waves were accompanied by a marked increase in humidity levels in the same areas.

Variations in Air Temperatures (°C) in 2020 from the Mean Average in some West Bank Stations



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