

**Regional Workshop on Climate Monitoring
Including the Implementation of Climate Watch
Systems for Arab Countries in West Asia**

27-29 May 2013, Amman, Jordan

Eng. Yousef Abused
Director General
Palestinian Meteorological Dep.

The Geographical Location



Palestinian Meteorological Department

- Palestinian Meteorological Dep. has been working since 1997 after the Palestinian Authority took responsibilities in West Bank and Gaza strip.
- From 1948-1967 : Egypt and Jordan running certain meteorological network stations in West Bank and Gaza strip during the period 1948-1967.
- From 1967-1997 Israel was running the meteorological stations (5 meteorological station and 40 rain gauges).
- In presences we have 11 automatic meteorological stations.
- Palestine Meteorological Dep. also have 80 rain gauges distributed in West bank and Gaza.

PMD Staff

- Our staff consists of 80 employees.
- 50 employees in West Bank.
- 30 employees in Gaza.
- Most of them have been trained in Egypt, Morocco, Jordan, Turkey.

Organizational Structure

Director General

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graph TD; DG[Director General] --- FD[Forecasting Dep.]; DG --- NSD[Network Stations Dep.]; DG --- PRD[Public relations Dep.]; DG --- AMD[Applied meteorology Dep.]; DG --- ID[Information Dep.]; DG --- IDep[Instrument Dep.]; DG --- AFD[Administration & Finance Dep.];
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Forecasting
Dep.

Network
Stations Dep.

Public relations
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tion & Finance
Dep.

Climate Of Palestine

- Palestine is under the influence of two climate regions.
 - The Mediterranean climate which is characterized by a long ,hot ,dry summer and a short , cool rainy winter.
 - Semi-Dessert climate (Jordan River Valley).

Climate Data Availability

- Part of our climate data is still in Britain
- Part of our climate data is still in Jordan.
- Part of our climate data is still in Egypt.
- We got our climate data from Israel from 1967 till 1994.
- The data is available and digitized from 1994 up to now on excel sheets.
- We are building data base right now through fund from GIZ.
- Palestine is an observer member at WMO.

National activities related to climate data aspects.

- Data digitizing for five meteorological stations which was run by Israelis from 1967-1994.
- Data retrieving from Jordan , Egypt before 1967 and data from Britain during the British mandate on Palestine.
- Constructing national climate database funded from GIZ.
- Extending our meteorological network stations .
- Institutional strengthening and capacity building in knowledge management and in all meteorological aspects.
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Climate monitoring and long range forecast system.

- We have 11 meteorological stations 5 are synoptic and 6 are climatic.
- We have 80 rain gauge stations.
- For forecasting we use the products of NOAA ECMFW through internet.

Challenges and future plans

Challenges:

- To join the permanent membership of WMO.
- Lack of financial resources.

Future plans:

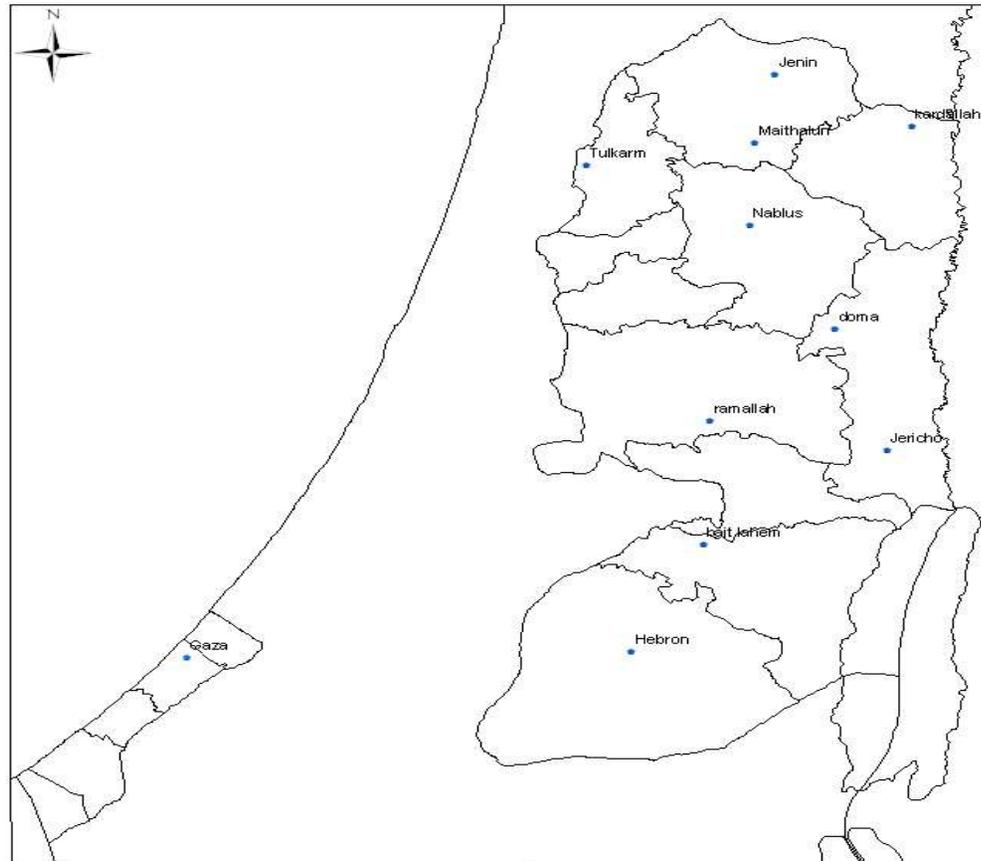
- Subscribe to EUMETSTAT.
- Get Messier forecasting system.
- Extend meteorological stations network.

National activities in support of early warning system

- Cooperation with Ministry of Agriculture for the implementation of an Early Drought Monitoring System.
- The EWS will lead to mitigate environmental, economic, social costs from escalating climate drought.



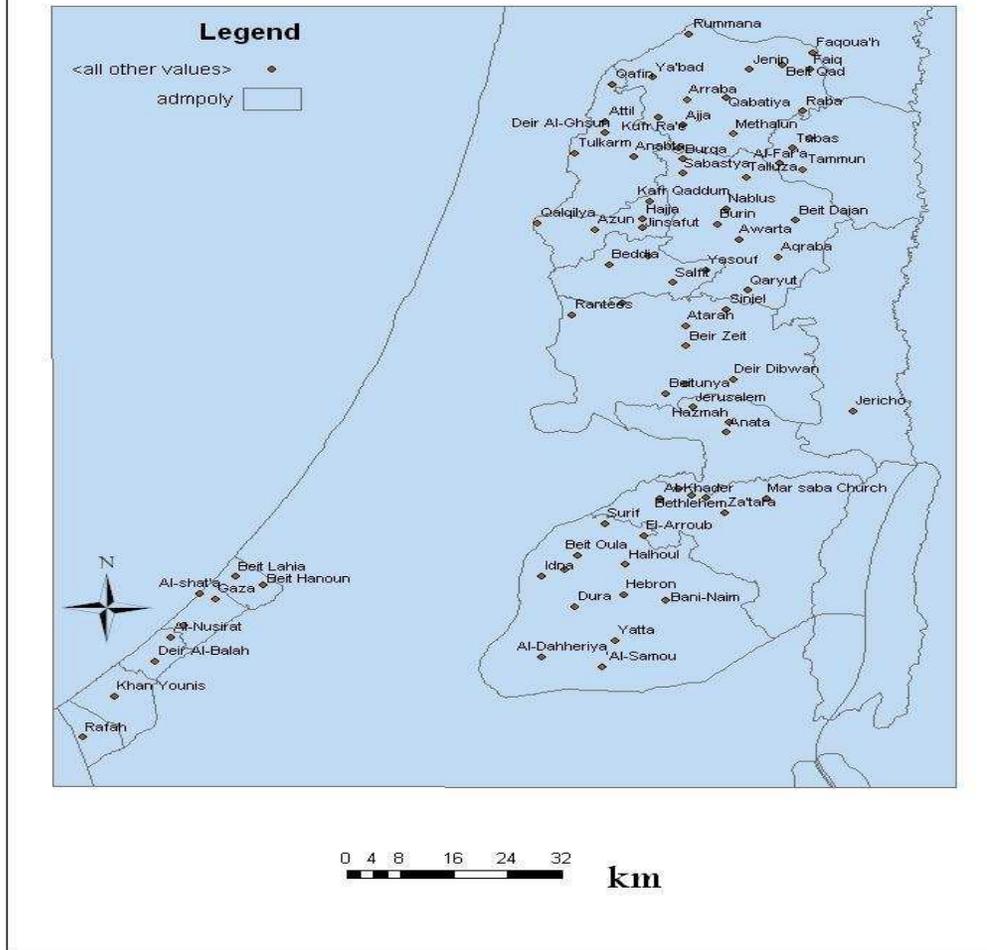
Existing Meteorological Station In Westbank And Gaza



Legend
Existing Stations •

0 5 10 20 30 40 Kilometers

Rainfall Station



Priorities and needs

- To get full membership at WMO after the recognition of Palestine at UN.
- Retrieve historical data from Britain Jordan and Egypt.
- Install new automatic weather stations
- Install new rain gauge stations.
- Manual meteorological equipments.
- Forecasting system.
- Training and capacity building.



THANK YOU
FOR YOUR
ATTENTION