

METEOROLOGICAL SERVICE, JAMAICA



CURRENT OPERATIONAL PRACTICES

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About Jamaica...

- Why?
 - Required by regional body (CIMH, CariCof)
 - Required by national Government
- Started in 2013
- Trained by CIMH (CariCof)
- Use CPT
- 17 stations



Products

- Seasonal Rainfall outlook
- Seasonal Temperature outlook
- Seasonal Drought outlook
- Drought monitoring

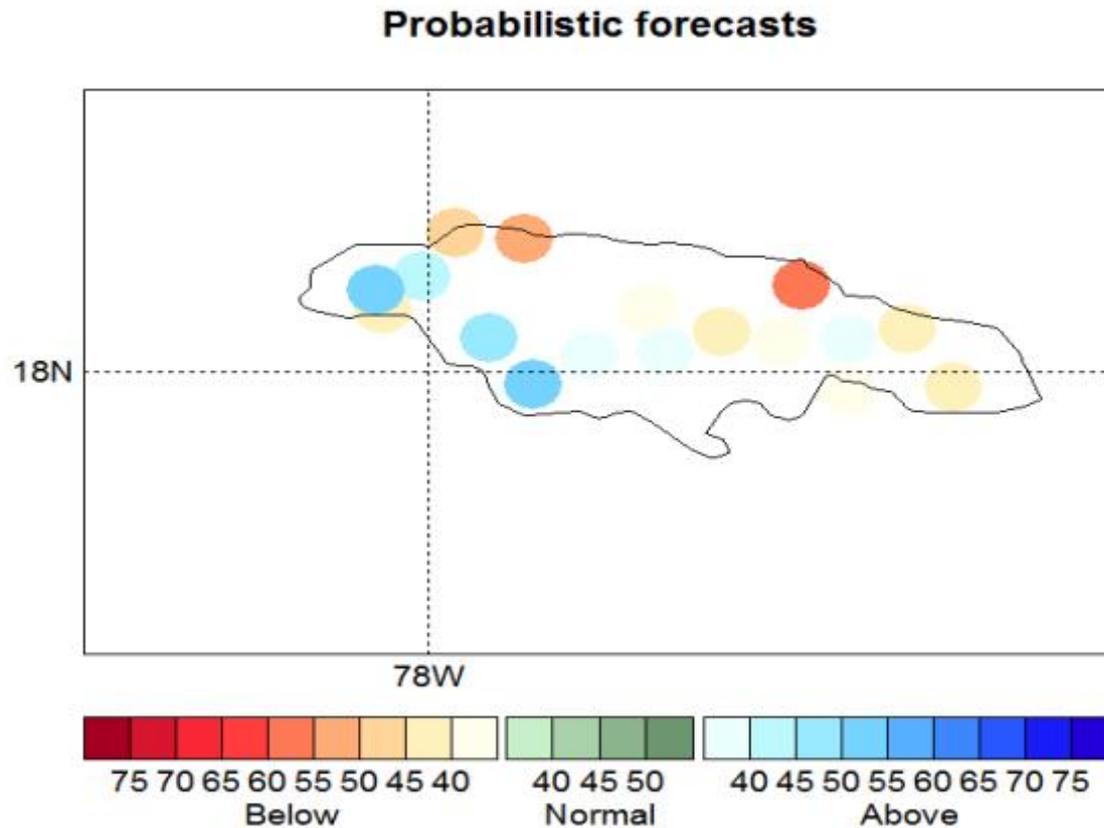


How...

- Forecast done every month (non-automated)
- Climate Predictability Tool (CPT)
- Use observed SSTs from 1981-present (IRI)
- Rainfall data for 17 stations (monthly totals)
- 3 & 6 months for both rainfall and drought
- Model outputs are used
- GIS used to develop maps
- Sent to senior management for approval

PRODUCT 1

- Seasonal Probabilistic Forecast



PRODUCT 1

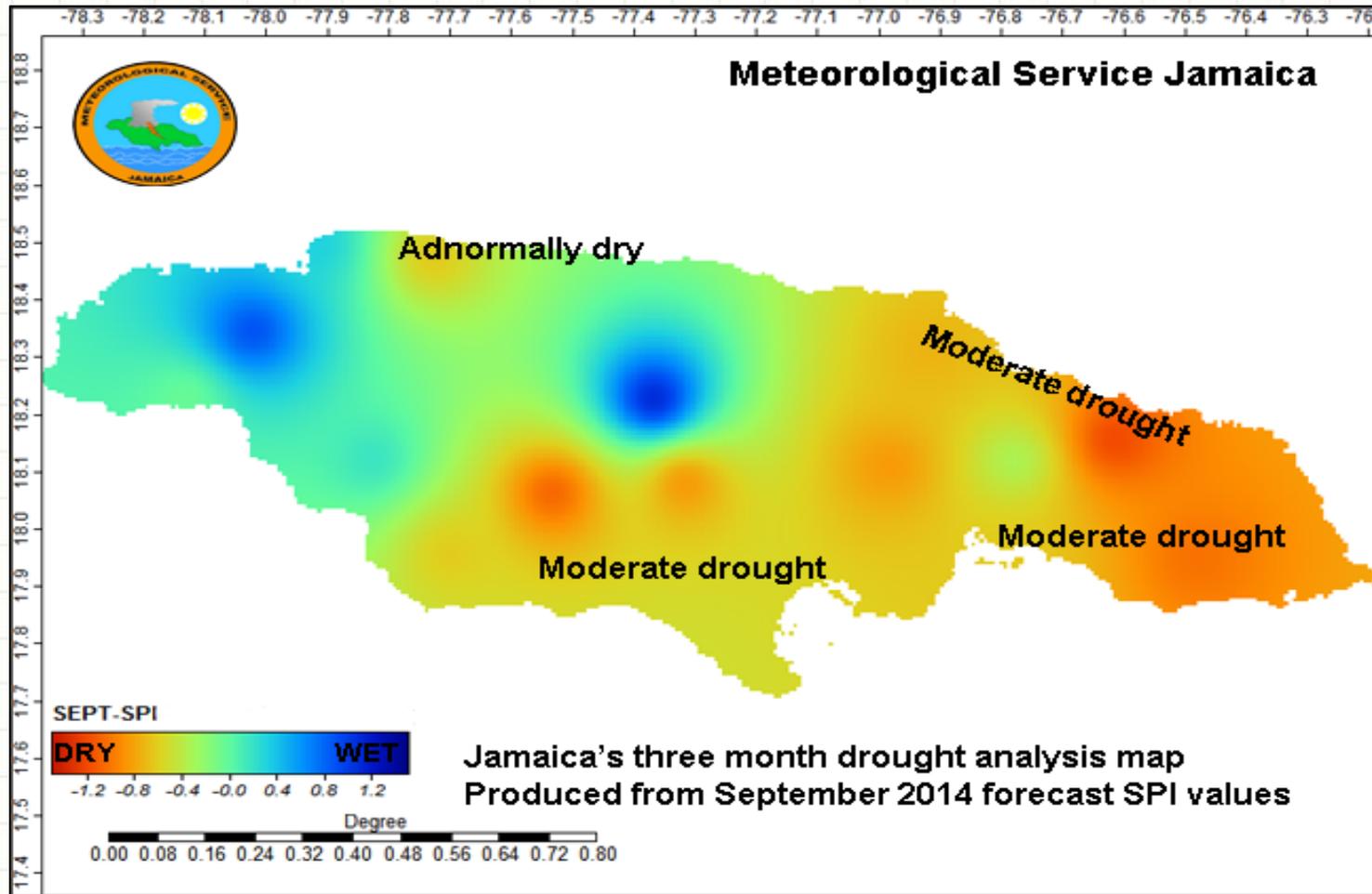
- Seasonal Rainfall and Temperature Outlook
- For all stations as well

Station	Below (B) %	Normal (N) %	Above (A) %
Jamaica			
Rainfall	55	20	25
Temperature	10	25	65

<http://jamaicacclimate.net>

PRODUCT 2

- Seasonal Drought Forecast (SPI) MAP



Who do we inform?

- Management
- Ministry of Water land Environment and Climate Change
- Water Resource Authority
- National Irrigation Commission
- National Water Commission
- Disaster agencies
- Rural Agricultural Development Agency
- Report sent to CariCof

National Disaster Committee

- Meets quarterly
- Meets when there is a pending disaster
- National drought plan in draft phase



THANK YOU