

# Climate Impact Newsletter



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## November to January observed conditions and February to April expected conditions

### What Happened

#### + Impacts

- Replenished dams & reservoirs over most eastern parishes.
- Above normal rainfall recorded over most northeastern parishes.

#### - Impacts

- Severe Flooding reported across low lying areas of St Mary, St Thomas, Portland & St Ann.
- Landslides and damage to crop and road network.

### Heavy flooding reported across most northeastern parishes:

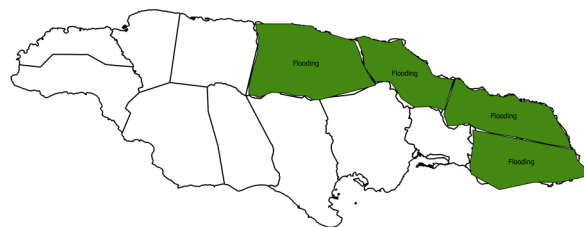
November-January (NDJ)

During the period the island was impacted by a number flash flood events.

This resulted in landslides and damage to crops as well as roads. The parishes of Portland, St Ann, St Mary and St Thomas were impacted the most.



### November to January Climate Impacts



Legend  
 Drought  
 Flood  
 Bushfire  
 Heat Stress  
 No Impact

### What Is Likely

#### + Impacts

- Reduced heat stress along with reduced occurrence of drought across northeastern parishes.

#### - Impacts

- Increased chance of drought impacts over western parishes.

### Below average rainfall expected over most areas:

February-April (FMA)

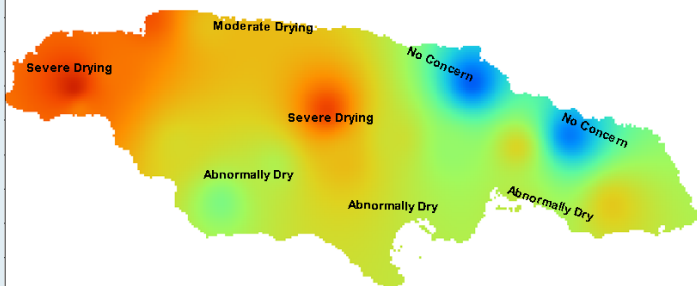
The rainfall outlook for February to April 2017 indicates a general pattern of below normal rainfall for most areas examined during the period.

At the end of December rainfall amounts across western parishes have declined significantly and on the current projections the decline in rainfall activity over Hanover and Westmoreland are likely to continue during the period.

The findings from the models will be monitored in order to advise our farming communities of any significant changes which might occur.



### SPI Analysis For Forecast Conditions Through To April 2017



Legend  
 DRY -1.6 -0.8 -0.4 0.0 0.4 0.8 1.2 1.6 WET

Meteorological Service Jamaica  
 website: <http://jamaicacclimate.net>