

Climate Impact Newsletter



Meteorological Service, 65 3/4 Half Way Tree Rd, Kingston 10. Tel: 929-3700

December to February observed conditions and March to May expected conditions

What Happened

+ Impacts

- Reduced heat stress on plants and animals.

- Impacts

- Severe Flash Flooding reported across sections of St Mary and St Ann.
- Drought affected the following parishes of Hanover, St Ann Westmoreland and St James.

Flash flooding reported across St. Ann & St. Mary:

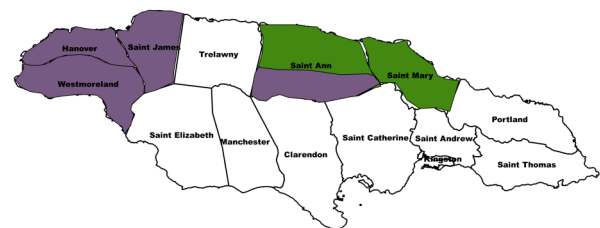
December-February (DJF)

During the period the island was impacted by one major flash flood event that did significant damage to drains and infrastructure.

This also resulted in landslides and damage to crops as well as roads across the parishes of St Ann & St Mary.



December to February Climate Impacts



Legend
 ■ Drought
 ■ Flood
 ■ Bushfire
 ■ Heat Stress
 □ No Impact

What Is Likely

+ Impacts

- Reduced heat stress across northeastern parishes.

- Impacts

- Increased chance of drought impacts over western & southern parishes.

Below average rainfall expected over most areas:

March-May (MAM)

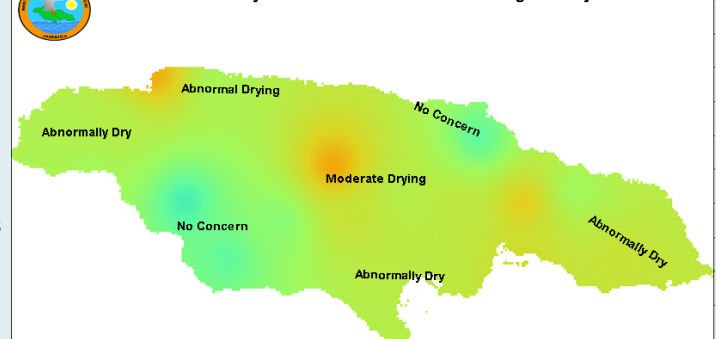
The rainfall outlook for March to May 2017 indicates that most stations examined will likely receive near normal to below normal rainfall during the period.

Over the last three months periods of drought was observed mainly over western parishes due to steady declines in rainfall especially over western parishes.

As the decline in rainfall is now spreading to other parishes there could be increased incidences of drought, in particular areas which were already recording drying may have worsened conditions.



SPI Analysis For Forecast Conditions Through To May 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>