

# Climate Impact Newsletter



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

## January to March observed conditions and April to June expected conditions

### What Happened

#### + Impacts

- Increase rainfall and reduced heat stress over eastern and central parishes.

#### - Impacts

- Drought affected the following parishes of Hanover, St Ann Westmoreland and St James.

### Moderate dry spells reported across sections of western parishes: January-March (JFM)

During the period the island recorded below normal rainfall. This resulted in varying levels of drought mainly over sections of western and central parishes.



### January to March Climate Impacts



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

### What Is Likely

#### + Impacts

- Reduced drought and heat stress across northeastern parishes.

#### - Impacts

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

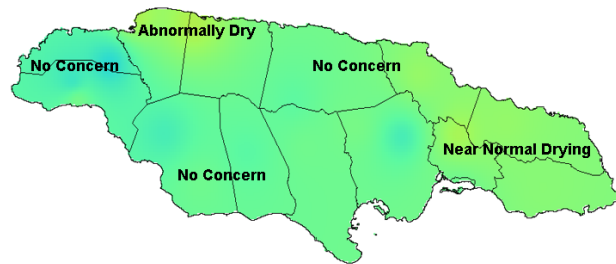
### Near normal rainfall expected over most areas: April-June (AMJ)

As we enter into what is considered the secondary rainfall season, the forecasts are indicating near normal to below normal rainfall across most stations. Over the last three months period drought affected sections of some western and central parishes due to steady declines in rainfall amounts.

However, with current projections now indicating a decline in rainfall over the next three months, there is a possibility that this could lead to increased incidences of drought as well as worsened drought conditions in areas which were already reporting drought.



SPI Analysis For Forecast Conditions Through To June 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>