

# Climate Impact Newsletter



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## MAY TO JULY OBSERVED AND AUGUST TO OCTOBER EXPECTED CONDITIONS

### What Happened

#### + Impacts

- Increased rainfall over western parishes.

#### - Impacts

- Flash flooding.
- Landslides.
- Drought impacts over Portland

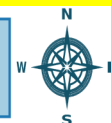
### Severe Drought affected sections of Portland: May-July (MJJ)

During the month of May, there were several reports of flooding and landslides across the island from four major rainfall events in the month of May. The parishes that were impacted were St James, St Elizabeth, Kingston and St Andrew, Clarendon, Trelawny, Hanover, St Ann, Westmoreland and St Thomas.

However in June the western parts of Portland was severely impacted by drought conditions due to a decline in rainfall amounts during the period.



### May to July Climate Impacts



Legend  
 Drought  
 Flood  
 Bushfire  
 Heat Stress  
 No Impact

### What Is Likely

#### + Impacts

- Fewer Flash flood events.

#### - Impacts

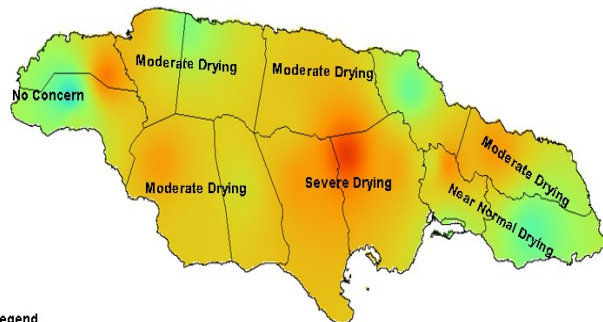
- Increased chance of heat stress related events.
- Occasional dry periods.

### Potential drying due to below-normal rainfall: August-October (ASO)

Current projections are indicating a decline in rainfall over all stations, over the upcoming three months. There is a possibility that this could lead to an extended dry period, especially over sections of central and eastern parishes.

Although, the rainfall predictions for the upcoming three months are likely to be below average, pockets of dryness are likely to linger across sections of the following parishes, St Mary, Portland, St Thomas, Kingston and St Andrew, St Catherine, Clarendon and St Elizabeth.

SPI Analysis For Forecast Drought Conditions Through To October 2018



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

Degree  
 0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0

Meteorological Service Jamaica  
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