

AGROMET BULLETIN



HIGHLIGHTS FOR OCTOBER

- ✚ Stations in all thirteen (13) parishes received below-normal rainfall.
- ✚ Three parishes experienced meteorological drought conditions.
- ✚ Near-normal rainfall is forecast for November 2021 to January 2022.
- ✚ Near-normal to above-normal temperatures are expected for the next three months.

What Happened: August – October 2021

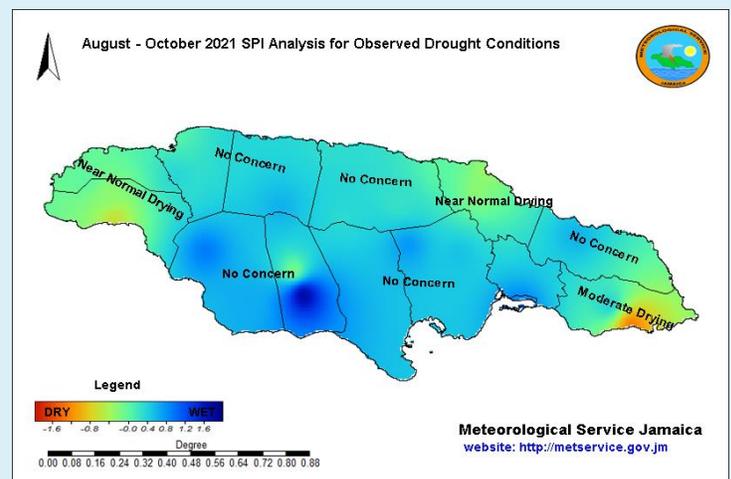
Based on analysis (image to the right) dry conditions were noted in St. Thomas, St. Mary, Hanover and Westmoreland. Meanwhile, mild wetness was noted in other parishes and especially in southern Manchester.

The below-normal rainfall received across the island in the last two months has made conditions become drier in many farming communities as, the traditional October rains did not materialize. This was a reversal of what was experienced in August where, wet conditions prevailed.

Three parishes; namely St. Elizabeth, St. Thomas and St. James experienced meteorological drought conditions in the September/October bi-monthly period.

Extreme high temperatures, ranging from 1-3°C warmer, were recorded in several locations across the island for the month of October 2021, when compared to October 2020.

Wet and Dry Conditions, July – September 2021



Read more by visiting our website:

<https://www.metservice.gov.jm/climate-products>

ABOUT US:

This report provides short term precipitation forecasts, as well as drought monitoring products that will assist in making critical decisions about the growing season for crops, as well as irrigation scheduling and water management.

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Seasonal Forecast: November 2021 – January 2022

Rainfall amounts for Jamaica are likely to be near-normal, during the transition to the early months (December, January) of the dry season. Based on the forecast (map insert) some levels of dryness are likely for farming communities in Westmoreland, Hanover, St. James and sections of St. Thomas. With drought conditions being experienced in two of these parishes there should be concerns in farming communities ahead of the start of the dry season.

Temperatures for the next three months are likely to be near-normal to above-normal during the northern hemisphere's transition from autumn to winter as cooler temperatures are expected.

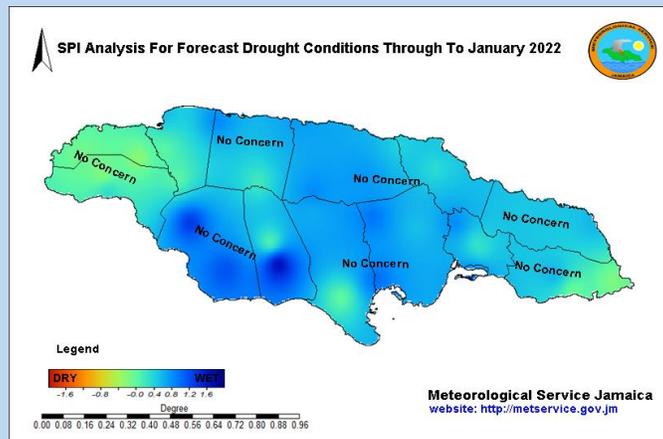
Possible Impacts

With farming communities receiving below-normal rainfall in October and given the forecast for the next three months, it could exacerbate dry conditions in many farming communities which, are dependent on rainfall for irrigation, with the potential of more parishes experiencing meteorological drought.

As the Meteorological Service continues to monitor conditions across the island, the advice is for stakeholders, be prudent in the use of available water, along with, employing rainwater harvesting solutions and to ensure that animals are properly hydrated.

Despite the forecast for near-normal to above-normal temperatures, conditions should be tolerable with, cooler temperatures expected at this time of the year.

Wet and Dry Conditions, November 2021 – January 2022



Seasonal Outlook, November 2021 – January 2022

JAMAICA	Below-Normal (%)	Normal (%)	Above-Normal (%)
Rainfall Outlook	33	33	33
Temperature Outlook	30	35	35

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