

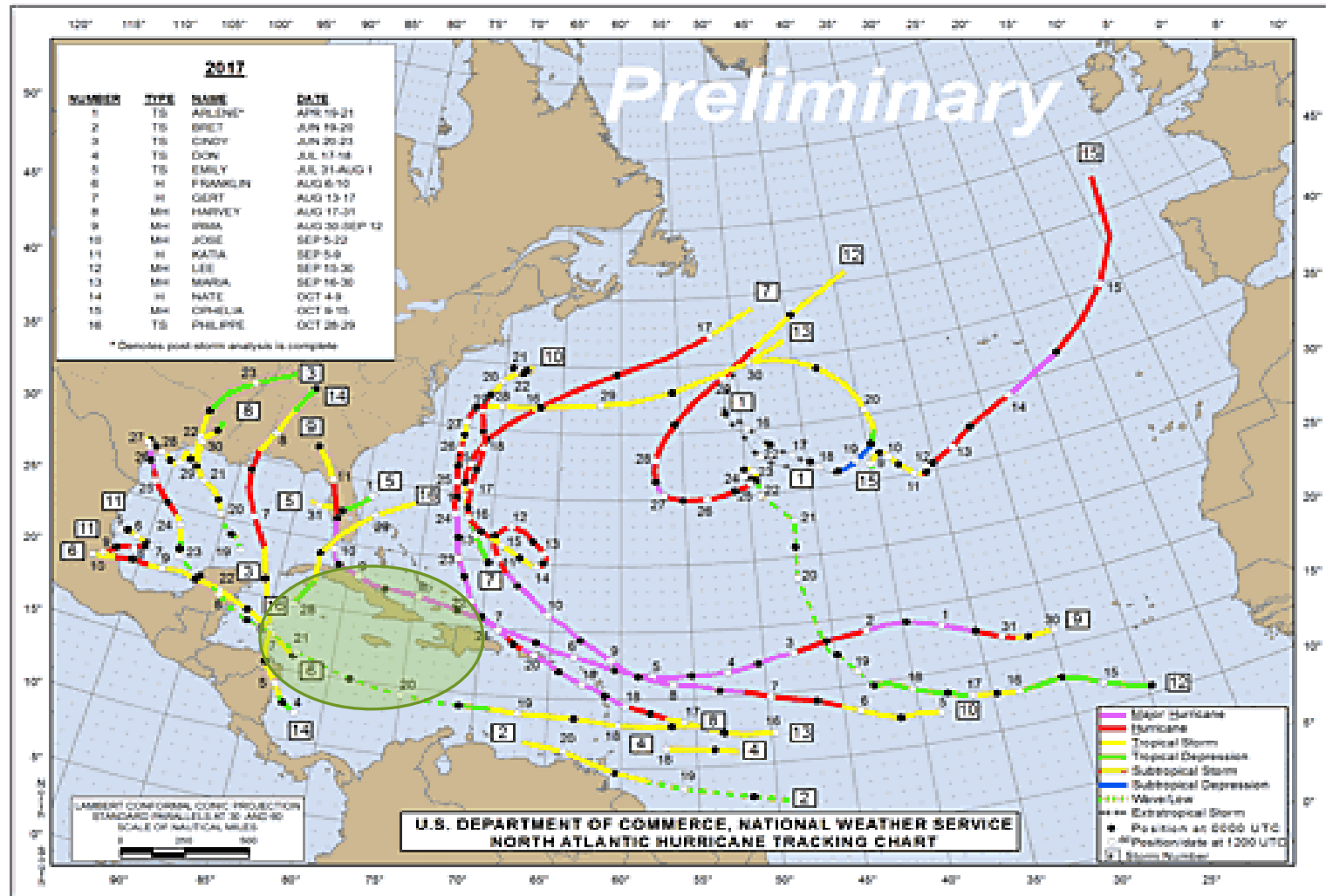
# Weather Impacts and Hurricane Season 2017

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THE JAMAICA EXPERIENCE

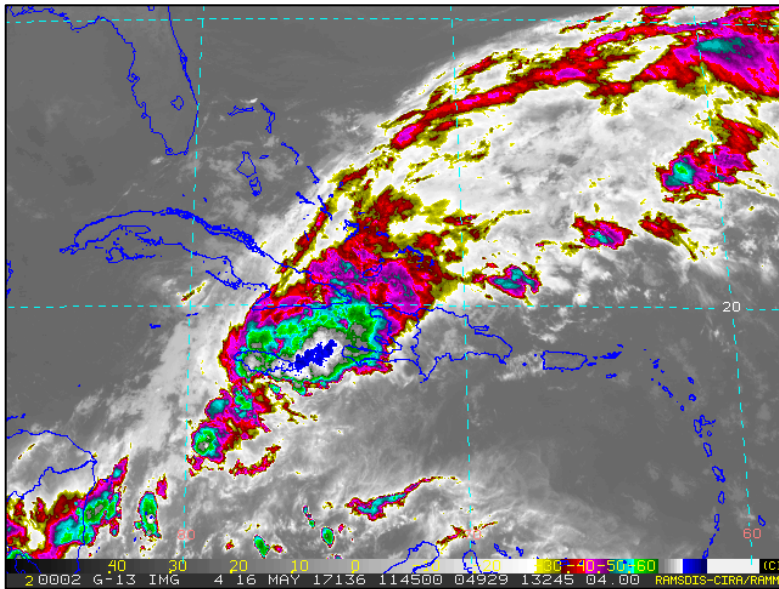


# Tropical Cyclone Impacts



# Flood Rains

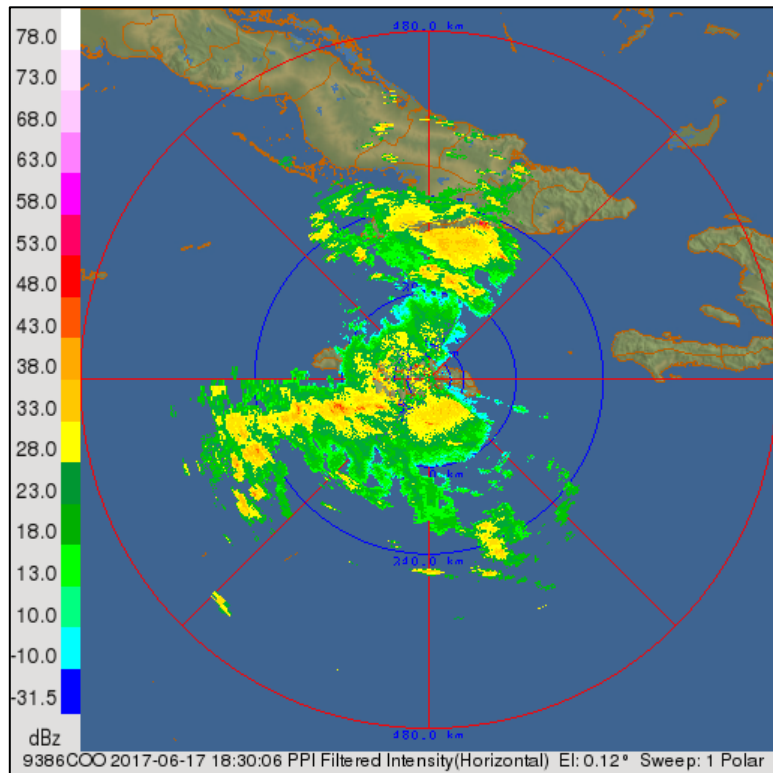
May 13-17, 2017



- Highest 6-hour rainfall accumulation of 197.8mm in Middlesex, St Ann
- Maximum accumulated rainfall for May 13-17 was 466.3mm in Cave Valley, St Ann
- Stations in central parishes exceeded 30-year Means by over 200%
- Two stations exceeded their 100-year return periods

# Flood Rains

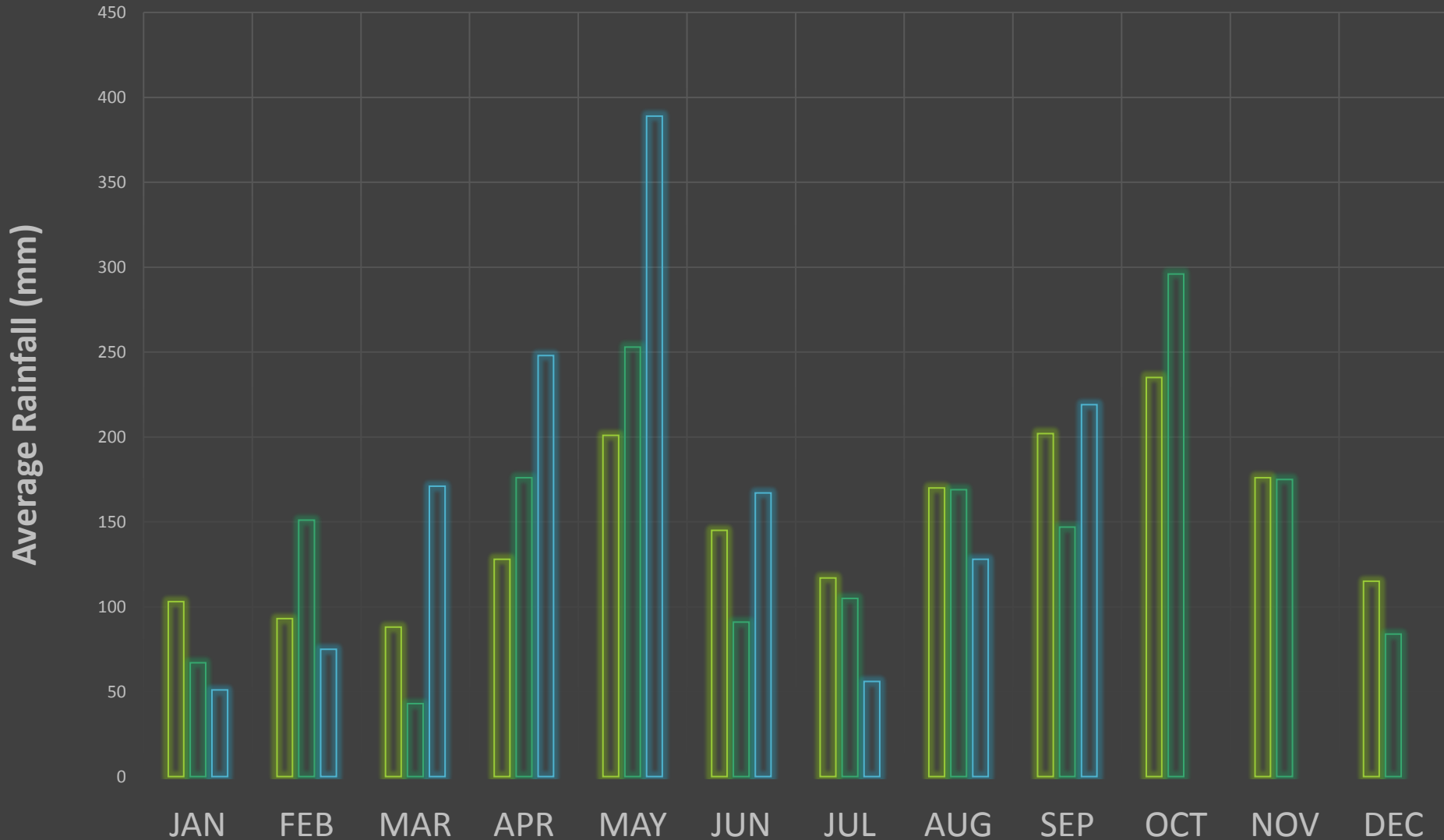
**June 16-18, 2017**



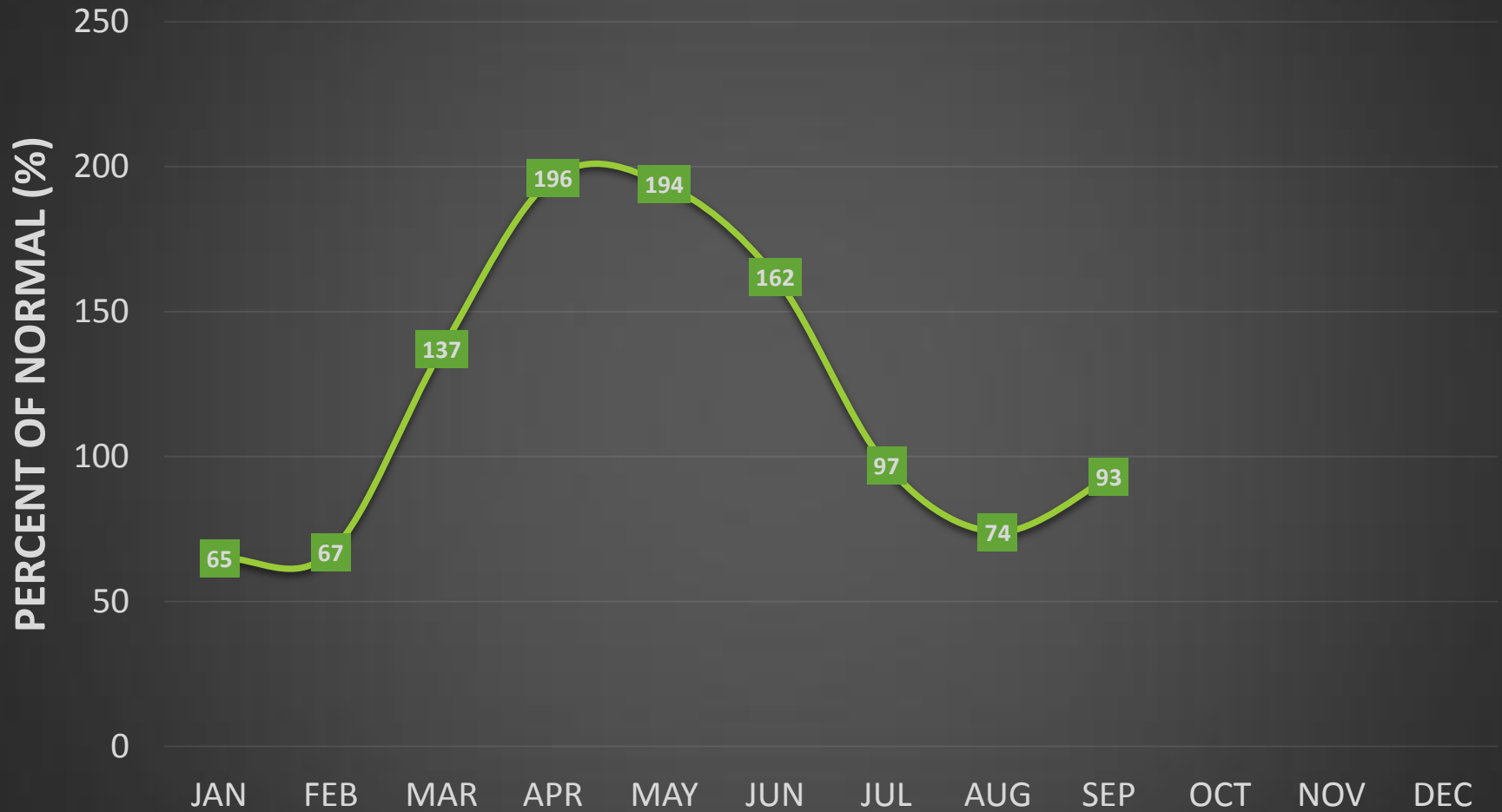
- Highest 24-hr rainfall accumulation was 365mm recorded on May 17 in the parish of Manchester
- Maximum accumulated rainfall for June 16-18 was 396.8mm in the parish of Manchester
- Six stations in southern parishes exceeded 30-year Means by over 200%
- One station in Manchester (south-central) exceeded its 100-yr return period

# 2017 Jamaica Rainfall

MEAN 2016 2017



# 2017 Jamaica Drought Indices



# Damage and Loss Assessment

The total costs of damage and loss related to the March to June rainfall events was estimated at \$4.0 billion (32million USD) or 0.2 per cent of 2016 GDP

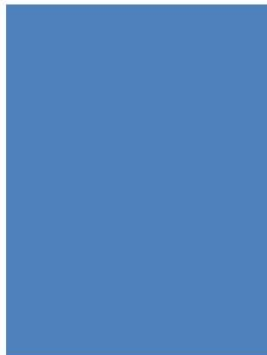


## Macro Socio-Economic and Environmental Impact Assessment of the Damage and Loss caused by the March to June Rains 2017

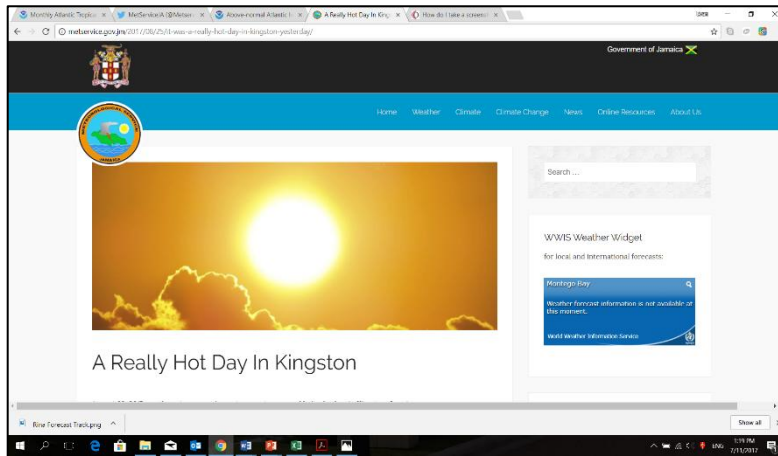


Prepared by: The Planning Institute of Jamaica

Date: August 15, 2017



# Extreme Temperatures



- Kingston recorded highest temperature in over 25 years on August 3, 2017.
- Temperature recorded at Norman Manley International Airport, Kingston, was 36.9°C





# Lightning Disruption

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- Lightning Strike at Kingston Air Traffic Centre caused disruption to air traffic services on September 8, 2017
- Airspace closed for over 24 hours



# Weather Impacts and Hurricane Season 2017

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