



Precipitation and Temperature Forecast

April-May-June 2020

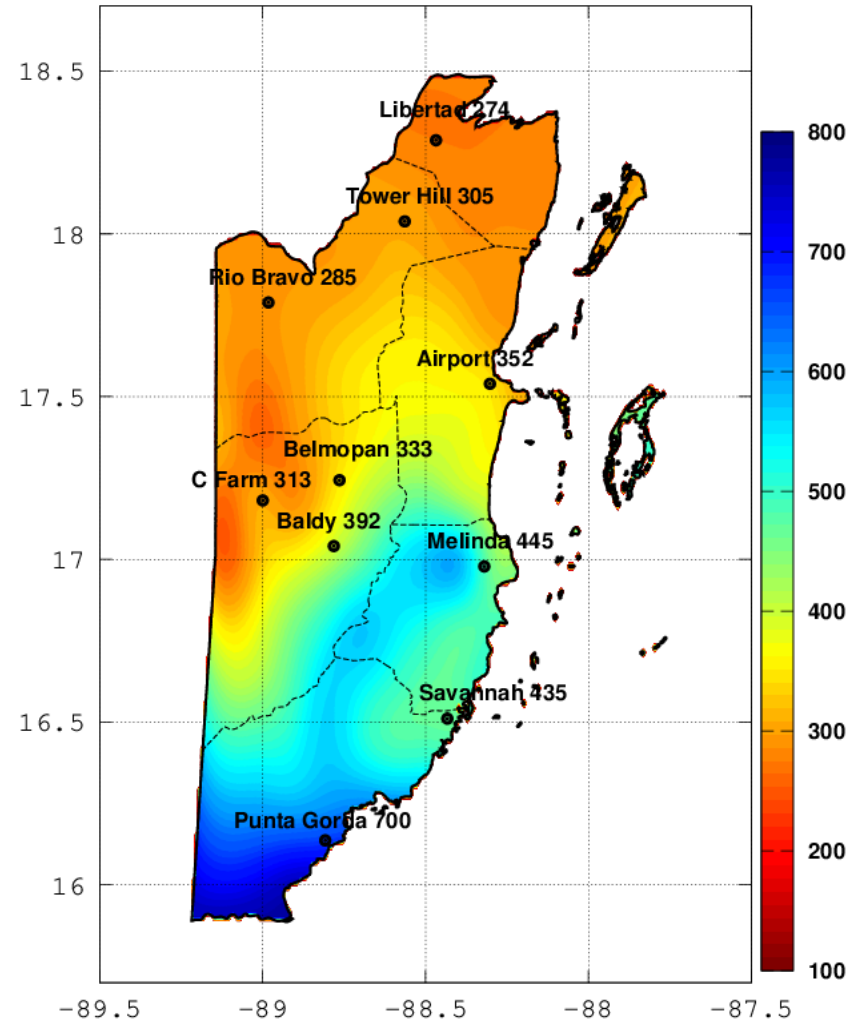
Presented by: Shanea Young

30 March, 2020

Approximate Rainfall amounts that are expected over different regions of the country during the period April-May-June 2020 are as follows:

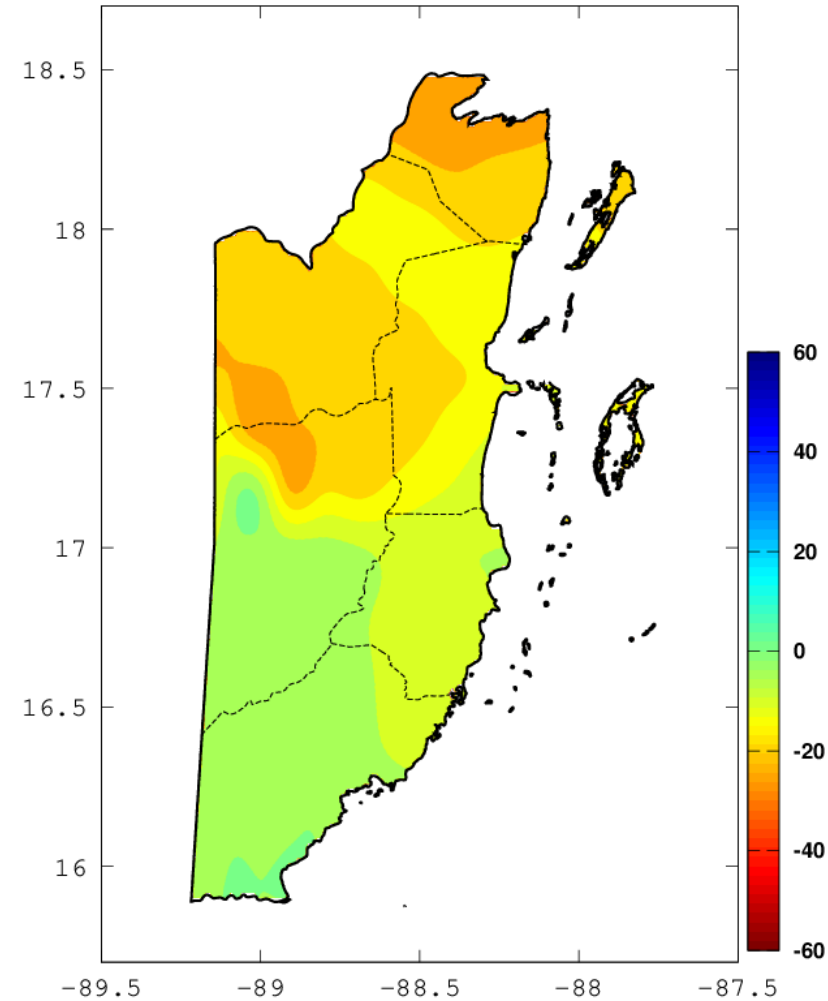
REGION	RAINFALL AMOUNT (mm)	CATEGORY
North (Orange Walk and Corozal Districts)	250-350	Below Normal
Central Inland Areas (Cayo District)	300-500	Below Normal
Central Costal Areas (Belize District)	300-400	Below Normal
Southern Areas (Stann Creek and Toledo Districts)	400-700	Near Normal to Slightly Below Normal

RAINFALL FORECAST: AMJ 2020 (mm)



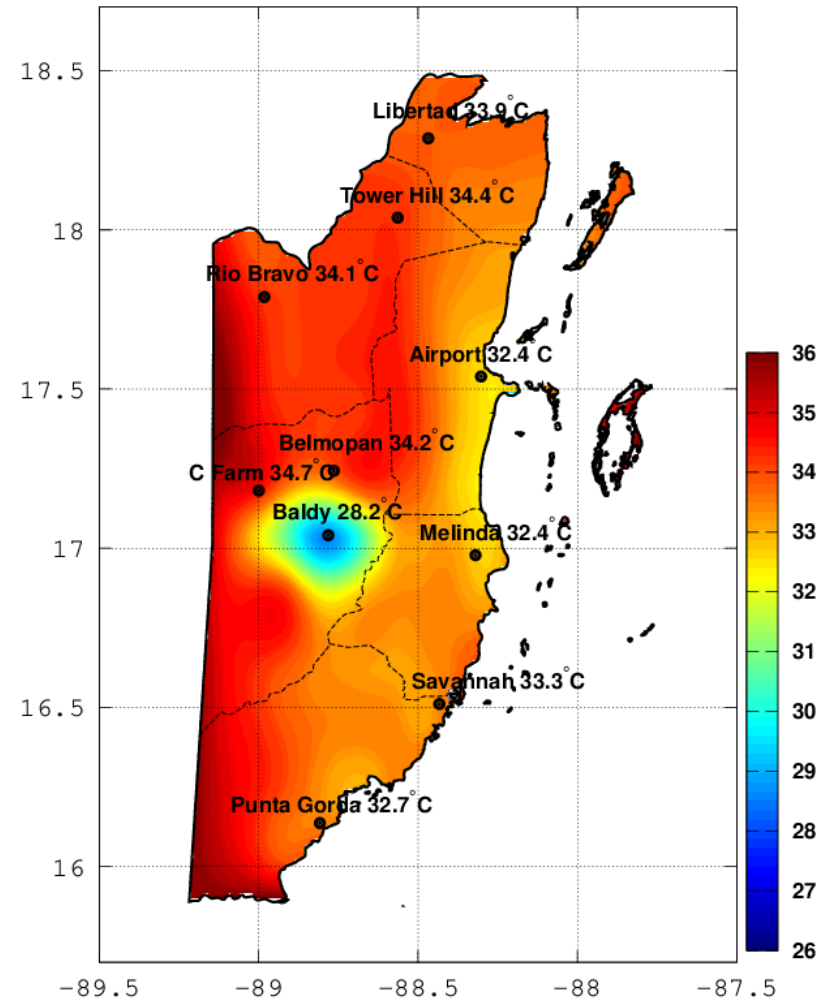
Slightly below normal rainfall across most areas of the country, except for near normal conditions in the Toledo District.

RAINFALL FORECAST: AMJ 2020 (%ABOVE/BELOW AVERAGE)



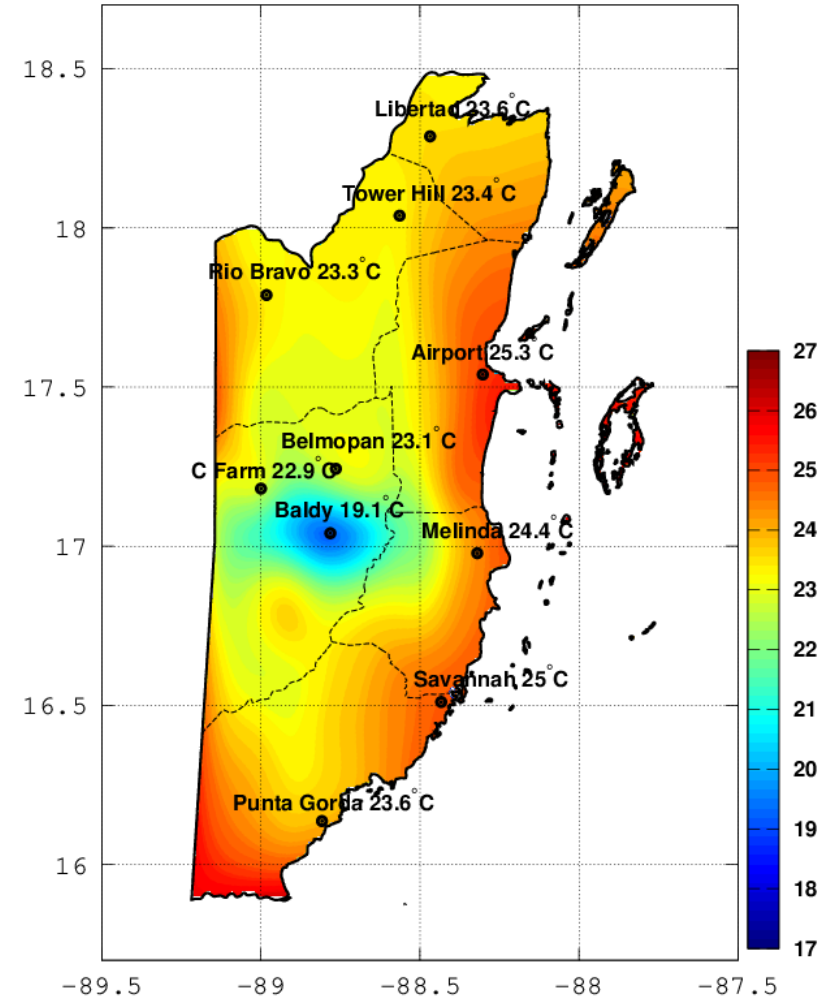
Slightly below normal rainfall across most areas of the country, except for near normal conditions in the Toledo District.

MAXIMUM TEMPERATURE FORECAST: AMJ 2020 (°C)



Slightly warmer than usual maximum day-time temperatures.

MINIMUM TEMPERATURE FORECAST: AMJ 2020 (°C)



**Slightly warmer than
usual minimum night-
time temperatures.**

Possible implications of the Seasonal Outlook (April-May-June) on Agriculture

- AMJ day-time (maximum) and night-time (minimum) temperatures in Belize are likely to be slightly warmer than normal.
- Less reliable rainfall for agriculture due to a continuous trend for drier than normal to normal conditions over the country through to the end of the dry season and into the start of the wet season, can lead to a continued decrease in soil moisture and river and stream flow.
- A continued decrease in surface wetness is expected due to fewer wet spells than usual with a high probability of at least three 7-day dry spells and two to five 10-day dry spells over most areas.
- Ensure adequate water is available for livestock and crop production by seeking alternate water sources other than rainfall, due to decreasing rainfall totals through to the end of the dry season and a drier than usual 2019 wet season.
- Provide adequate food and shade for livestock.
- Continue conserving and managing water supply and consider water conservation techniques such as mulching and irrigation.
- The increase of pest and diseases associated with drier conditions is highly likely.
- Short term drought could possibly develop by the end of June in the Belize and Stann Creek districts.
- Therefore, **DROUGHT WARNING** in effect for the Belize and Stann Creek districts and **DROUGHT WATCH** for the remainder of the country in the short to medium term.
- Long term drought (**WARNING**) developing across the northern and central inland parts of the country, with a **DROUGHT WATCH** for the Belize, Stann Creek and Toledo districts by the end of the 2020 dry season.

CONTINUE TO MONITOR AND CONSERVE WATER

ALERT LEVEL	MEANING	ACTION LEVEL
NO CONCERN	NO DROUGHT CONCERN	Monitor Resources <ul style="list-style-type: none"> ☑ update and ratify management plans ☑ public awareness campaigns ☑ upgrade infrastructure
DROUGHT WATCH	DROUGHT POSSIBLE	Keep Updated <ul style="list-style-type: none"> ☑ protect resources and conserve water ☑ implement management plans ☑ response training ☑ monitor and repair infrastructure
DROUGHT WARNING	DROUGHT EVOLVING	Protect Resources <ul style="list-style-type: none"> ☑ conserve and recycle water ☑ implement management plans ☑ release public service announcements ☑ last minute infrastructural repairs and upgrades ☑ report impacts
DROUGHT EMERGENCY	DROUGHT OF IMMEDIATE CONCERN	Release Public Service Announcements <ul style="list-style-type: none"> ☑ implement management and response plans ☑ enforce water restrictions and recycling ☑ enforce resource protection ☑ repair infrastructure ☑ report impacts



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