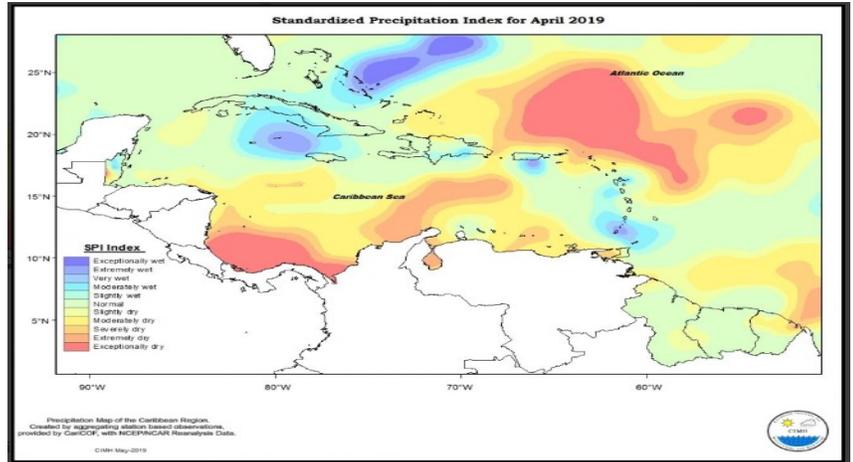


CARIBBEAN DROUGHT BULLETIN

June 2019 | Volume VI | ISSUE 1

Announcement

Though there was some relief from the dryness in affected parts of the Caribbean during April, concerns over drought continues for parts of the Caribbean, particularly in the east. With rains expected to increase as the wet season evolves, Martinique is of particular concern regarding short term drought that can impact small rivers, streams and ponds at least up until end of August. Other countries in the eastern Caribbean, as well as Belize should continue to monitor their water supplies. For Northern French Guiana, Suriname and parts of southern Trinidad there is concern over long term drought that can adversely impact groundwater and large rivers by the end of November.



February-March-April

A mixture of below normal and above normal rainfall was experienced across the eastern Caribbean islands. Trinidad ranged from severely dry in the southwest to normal in the northeast; Tobago, Grenada and St. Vincent normal to slightly wet; Barbados, Guadeloupe and St. Thomas normal; Saint Lucia normal to slightly dry; Martinique and Antigua moderately dry; St. Kitts moderate to severely dry; St. Maarten exceptionally dry; and St. Croix moderate to severely dry. Conditions in the Guianas ranged from normal in northeastern Guyana to exceptionally dry in much of French Guiana and eastern Suriname and extremely dry in northern Guyana. Aruba was severe to extremely dry, but Curacao normal to slightly dry. Conditions in Puerto Rico ranged from severely dry in the northwest to moderately wet in the southeast, but Hispaniola was predominantly normal with parts of southern Dominican Republic being slightly wet and parts of eastern DR slight to exceptionally dry. Jamaica was predominantly normal, with the west being slight to extremely wet and the east slight to moderately wet; but Grand Cayman was slight to moderately wet. Northern Bahamas was normal. Most of Belize was normal, but much of the extreme east coast was slight to moderately dry, as well as areas in the west.

Month at a Glance

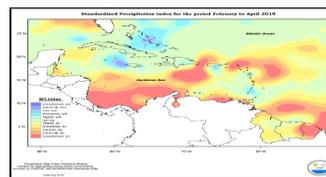
Mixed conditions were experienced in the islands of the eastern Caribbean for the month of April. Trinidad ranged from severely dry in the southwest to slightly wet in the northeast; Tobago moderately wet; Grenada very to extremely wet; Barbados, Saint Lucia and Martinique normal; St. Vincent and Guadeloupe slight to moderately wet; Dominica normal to slightly wet; Antigua normal to slightly dry; St. Kitts and St. Croix slight to moderately dry; and St. Maarten severely dry. Rainfall in the Guiana's was predominantly normal, but some areas in northern Guyana and French Guiana, and along the south-central Guyana/Suriname border received below normal rainfall. Aruba was normal, but Curacao normal to slightly dry. Conditions in Puerto Rico ranged from slightly dry in the northwest to very wet in the southeast, while Hispaniola ranged from moderately wet in southern Dominican Republic to moderately dry in the north and extreme east. Read more;

<http://rcc.cimh.edu.bb/spi-monitor-april-2019/>

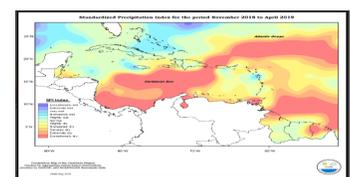
Latest News

Water wastage in Jamaica can result in people being fined, or spending time behind bars, Read more; <http://www.caribbean360.com/news/jamaicans-face-prison-time-if-caught-wasting-water-as-drought-continues#ixzz5ogQHpy9E>

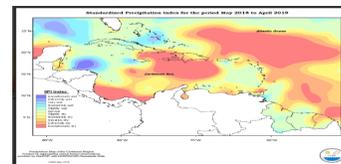
In Barbados 'Things Brown' <https://barbadostoday.bb/2019/05/27/things-brown/>



FEB2019- APR2019
SPI 3 MONTHS



NOV2018- APR 2019
SPI 6 MONTHS



MAY2018- APR2019
SPI 12 MONTHS

The Caribbean Drought & Precipitation Monitoring Network

The Caribbean Drought and Precipitation Monitoring Network is led by the Caribbean Institute for Meteorology and Hydrology (CIMH), the World Meteorological Organization's Regional Climate Centre (RCC) for the Caribbean. The Network was launched in January 2009 under the Caribbean Water Initiative ([CARWIN](#)) to support equitable and sustainable Integrated Water Resources Management.

The concept was born out of the need to mitigate and respond to the creeping phenomenon, drought. Drought and the general precipitation status is monitored at the regional scale. Efforts are being made to enhance drought monitoring at the national level.

The Caribbean Climate Outlook Forum (CariCOF)

The CariCOF brings together climate experts and meteorological services in the Caribbean region on an operational basis to produce a monthly climate outlook. CariCOF interacts with sectoral users to assess the likely implications of the outlooks on the most pertinent socio-economic sectors. The Caribbean Institute for Meteorology and Hydrology (CIMH), in its role as WMO Regional Climate Centre, coordinates the CariCOF process. [Read more.....](#)

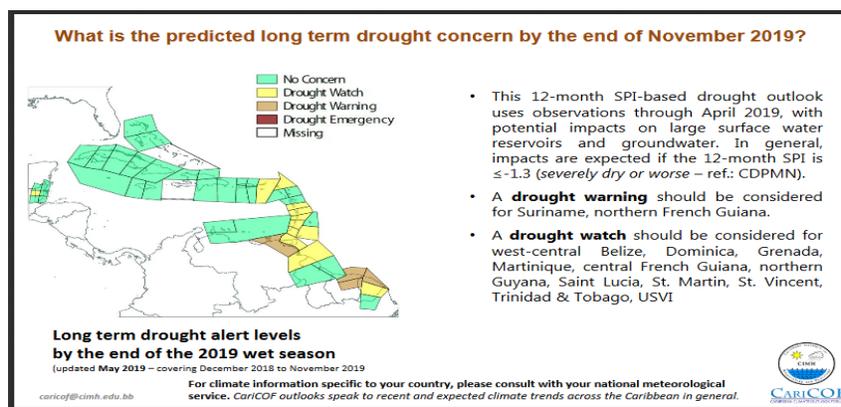
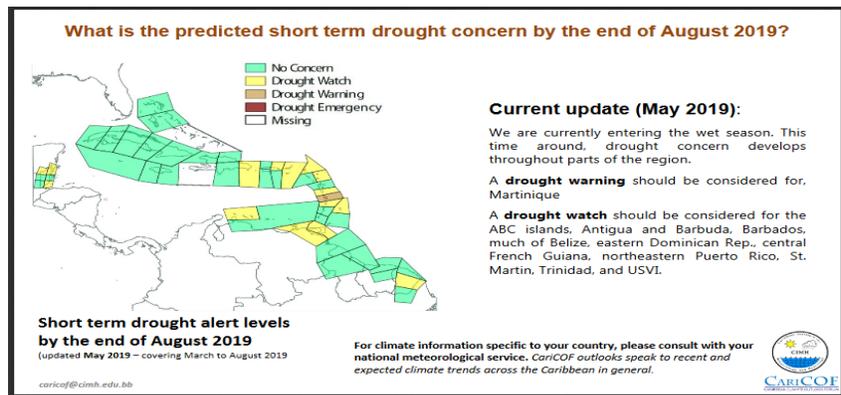
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lkreed@cimh.edu.bb

Website: [CDPMN Drought Monitor](#)

Drought Outlook for the End of August CariCOF's Drought Alert Map



Current Drought Situation

- **Current drought situation (up to the end of April 2019):**
 - Severe (or worse) shorter term drought has developed in Aruba, French Guiana, the Northern Leewards, parts of Martinique.
 - Severe (or worse) long term drought has developed in Barbados, Southeastern Belize, Southernmost Cuba, much of Hispaniola, northern French Guiana, central coast of Guyana, northern Leewards, Martinique, St. Lucia and Tobago.

Shorter term drought situation (by end of August 2019):

- Shorter term drought is evolving in Martinique.
- Shorter term drought might possibly develop in the ABC islands, Antigua, Barbados, Much of Belize, western Dominican Republic, parts of Puerto Rico and Trinidad.

Long term drought situation (by end of July 2019):

- A weak El Nino is expected to contribute to reduced rainfall into the early summer .
- Long term drought is evolving in Suriname, northern Guiana
- Long term drought might possibly develop in Dominica, Grenada, Martinique, Central Guiana, northern Guyana, St. Lucia, St Vincent, Trinidad and Tobago, USVI.

We advise all stakeholders to keep monitoring drought and look for our monthly updates.

Drought outlook available for download [here](#)