

CARIBBEAN DROUGHT BULLETIN

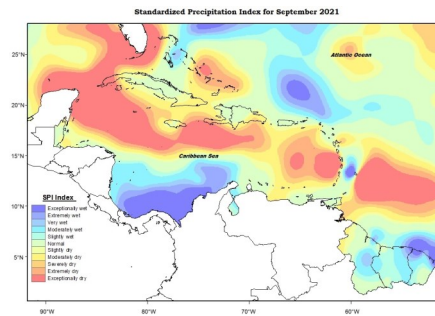
November 2021 | Volume VIII | ISSUE 6

Announcement

Though September was relatively dry in parts of the Caribbean, particularly in the islands, There are no concerns in the region over short term drought that can negatively impacts streams and small rivers and soil moisture. There is however some concern over long term drought that can manifest as lower than normal water availability in large rivers, lakes, and groundwater. This is particularly so in the vicinity of Dominica and southeastern portions of Belize. It is recommended that the Windward and Leeward Islands, western Cuba, northern Bahamas and southern Belize closely monitor their water resources.

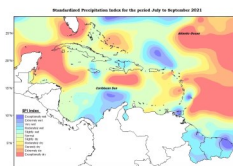
Month at a Glance

Conditions throughout the eastern Caribbean were predominantly normal to below normal during the month of September. Trinidad moderately dry to slightly wet southeast to northwest; Tobago, St Maarten and St Kitts slightly dry to normal; Grenada slight to moderately dry; Barbados extremely dry to exceptionally wet southeast to northwest; St Vincent and Dominica extremely dry to normal; Saint Lucia and Martinique normal to exceptionally dry; Guadeloupe severely dry to normal; Antigua and St Thomas normal; Anguilla normal to slightly wet and St Croix moderately dry. In the Guianas, conditions ranged from moderately dry in northwestern Guyana to exceptionally wet around the northern Suriname/French Guiana border and in Northeastern French Guiana. Aruba and Curacao were normal. Puerto Rico was predominantly normal with slightly dry conditions in the extreme southwest and southeastern areas. Hispaniola was predominantly normal, ranging to exceptionally dry in the extreme southwest of Haiti and to severely dry in southeast Dominican Republic. Jamaica ranged from normal in central areas to moderately dry in western areas and to exceptionally dry in the east. Grand Cayman was exceptionally dry. Cuba ranged from mostly normal in central areas to exceptionally dry in the west and to moderately dry in the east. Northern Bahamas ranged from very wet to exceptionally dry and Belize was predominantly normal ranging to moderately dry in the southeast and extreme north.

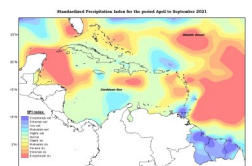


July-August-September

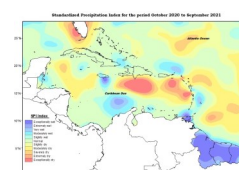
Normal to below normal conditions were dominant throughout the eastern Caribbean over the three month period. Trinidad ranged from exceptionally wet to normal; Tobago normal to moderately dry; Grenada, St Vincent and St Thomas normal; Barbados normal to extremely wet; Saint Lucia and St Kitts normal to moderately dry; Martinique and Guadeloupe slight to extremely dry; Dominica severe to moderately dry; Antigua and St Croix slight to moderately dry; St Maarten severely dry to normal, Anguilla predominantly normal ranging to slightly dry in the south and slightly wet in the north. Conditions in the Guianas ranged from normal in northern Guyana to exceptionally wet in northern French Guiana. Aruba and curacao were normal. Puerto Rico ranged from moderately dry in southeastern areas to normal in the extreme east and northwestern areas. Hispaniola ranged from severely dry in the extreme south to moderately wet in the northwest. Jamaica ranged from extremely wet in the extreme south to moderately dry in the west and moderately wet in the east. Grand Cayman was normal. Cuba was predominantly normal, ranging to exceptionally dry in the west, to slightly dry in the northeast and to slightly wet in the extreme east. Northern Bahamas ranged from normal to exceptionally dry and Belize ranged from slightly wet in the west to extremely dry in the north.



JUL 2021 - SEP 2021
SPI 3 MONTHS



APR 2021 - SEP 2021
SPI 6 MONTHS



OCT 2020 - SEP 2021
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.....](#)

For more information contact:

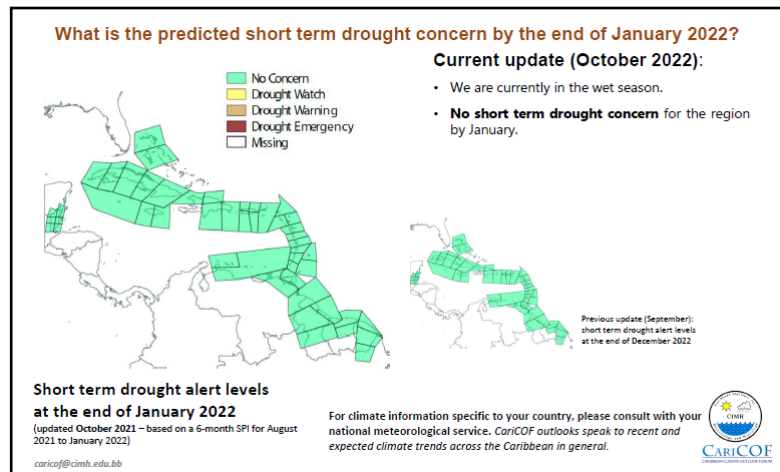
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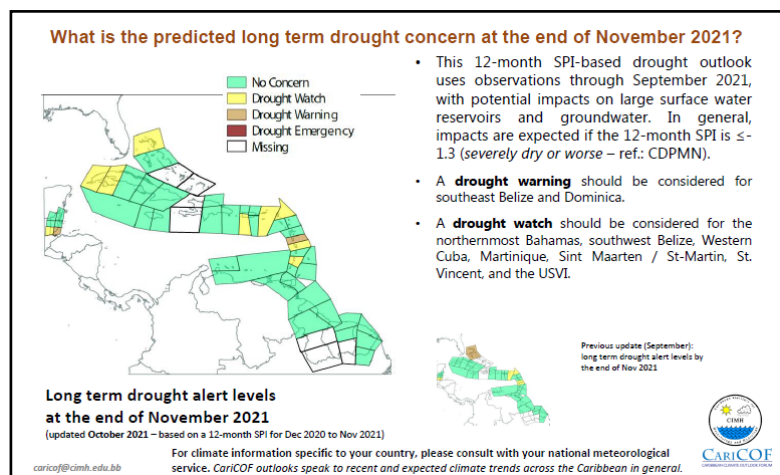
CariCOF Drought Alert Maps

Map of short-term drought by the end of January 2022



- Shorter term drought situation (by the end of January 2022):
 - There is no concern for short term drought for the region at the end of January 2022.

Map of long-term drought by the end of November 2021



- Long term drought situation (by the end of November 2021):
 - Long term drought is evolving in southeast Belize and Dominica.
 - Long term drought might possibly develop or continue in the northernmost Bahamas, southwest Belize, Western Cuba, Martinique, Sint Maarten / St-Martin, St. Vincent, and the USVI.
 - Areas ending up in long term drought by the end of November may experience lower than usual water levels in large reservoirs, large rivers and groundwater, which would become a concern for the 2021-'22 dry season.

"We advise all stakeholders to keep monitoring their environment for signs of drought, and look out for our monthly updates"

Drought outlook available for download [here](#)