



The Global Framework for Climate Services (GFCS) and Belize

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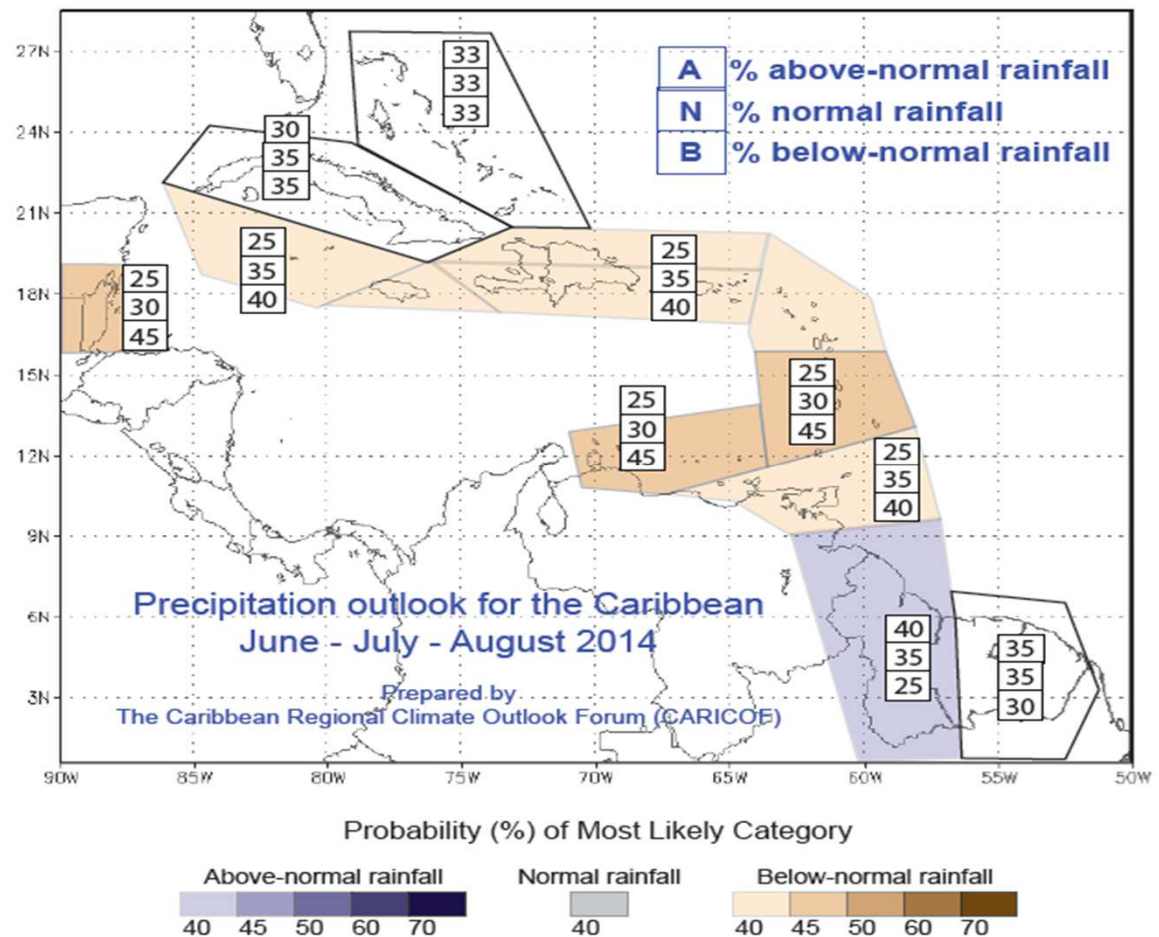
: a structured means for users, climate researchers and climate information providers to interact at all levels (example: climate forums)

National Climate Outlook Forum held in June 2014, Another is planned for November at the end of rainy season

90 participants presented with June, July August outlook

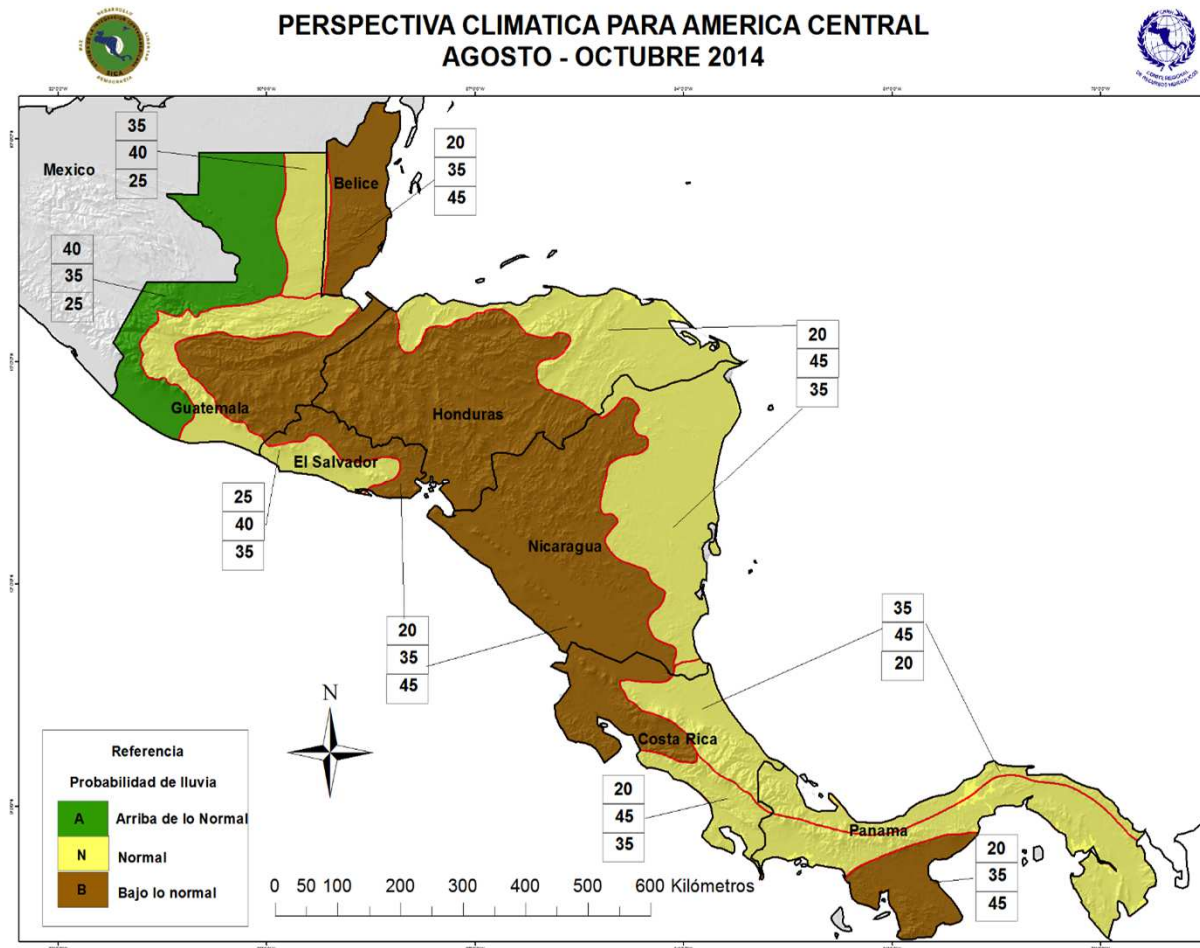
Five Main Components of GFCS

1. User Interface Platform





User Interface Platform (cont'd)



Newspaper article: The August, September, October climate outlook was placed in the newspapers for the first time.



Climate Service Information System

:the mechanism through which information is routinely collected, stored and processed to generate and deliver products and services that inform complex decision-making across a wide range of climate sensitive activities



Climate Service Information System (cont'd)

- €98,000 have been secured under the local European Union Global Climate Change Adaptation (EU/GCCA) project to be used for the development of a database management system specifically customized for the data ingestion needs of the Service. Completion date is October



Observation and Monitoring-

- the essential infrastructure to ensure climate data and other data that are required to meet the needs of end users are collected, managed, disseminated and its utility assessed.



Observation and Monitoring

- Observation network improvement: recently three automatic weather stations were installed. Plans for five installations by September 2014



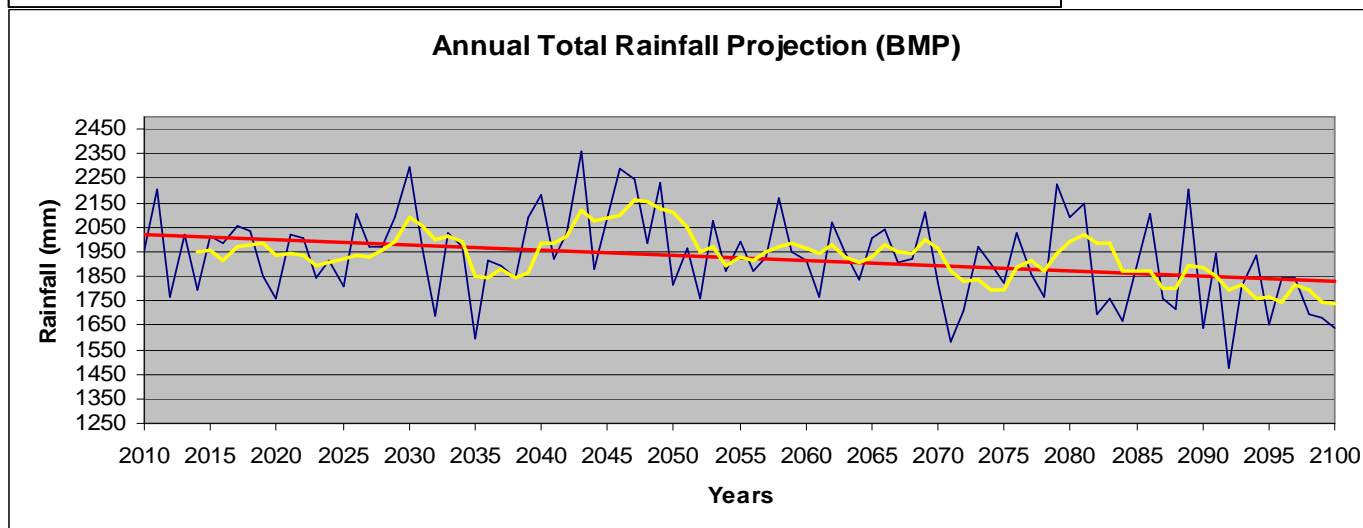
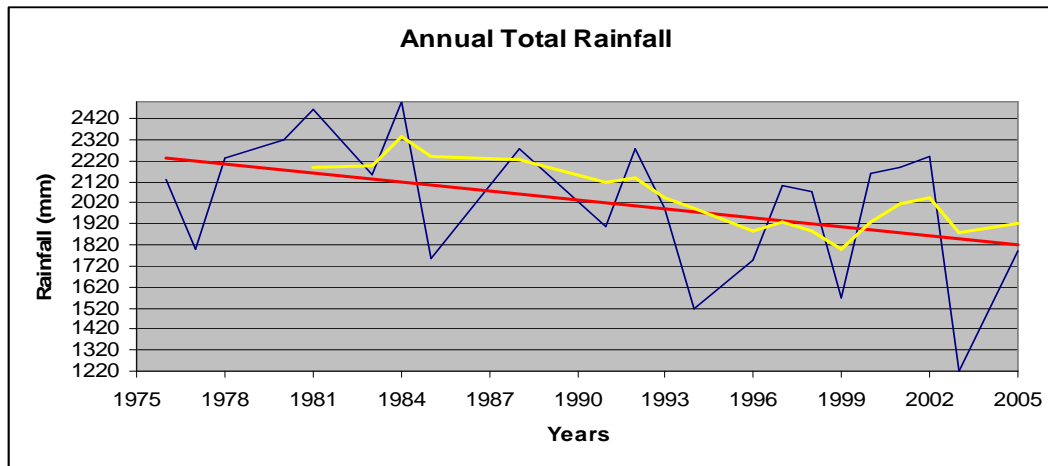
Research, Modeling and Predictions

:to advance the science needed for improved climate services that meet user needs.



Research, Modeling and Predictions

- Due to staffing restrictions and operational needs this component has not been addressed.





Coordination and Capacity Development

:to address the mechanism for coordination and networking across information providers and affected communities and capacity development, such as that needed to interpret, translate and use climate information to support decision making. Capacity development also extends to the service provider.



Coordination and Capacity Development

- Belize already has an established climate services section. The logical next step is to build capacity within the section. Need for specialized training of staff (agriculture meteorology, hydro-meteorology, climatology, communication techniques....etc)
- National Climate Outlook Forums do address networking issues dealing with interpretation and translation of products



National Stakeholder Consultation on Climate Services

- 30th October to 1st November 2013
- Theme: Agriculture and Food Security
- Sponsored by Government of Belize, World Meteorological Organization, GCCA Project (Enhancing Belize's Resilience to Adapt to the Effects of Climate Change)
- 45 Participants: Emergency Management, Health, Agriculture, Education, Research, Tourism, Water Resources Management and Supply, Cooperatives, Farmers, Fisheries, Coastal Zone Management, Forestry



Consultation Results

- NMS legislation:
- Establishment of an inter-ministerial committee to define the remit of the NMS to include the Mission and Vision and develop a white paper for Cabinet consideration. Terms of Reference (ToR) being finalized
- Development of a strategy paper for the development of the NMS. Consider at least 5 year phased development plan. Consider provision of special services for various users e.g., tourism industry, agriculture electricity, etc.



Consultation Results

- Inter-ministerial committee to advocate the need for a strengthened NMS with appropriate staffing and budget to deliver on the proposed remit (identify a small group of ministries who would benefit from climate services and are willing to participate)
- All five components of GFCS will be addressed by the remit of the NMS.
- The NMS will be strengthened to provide additional/enhanced climate services.

Gracias por su atencion

