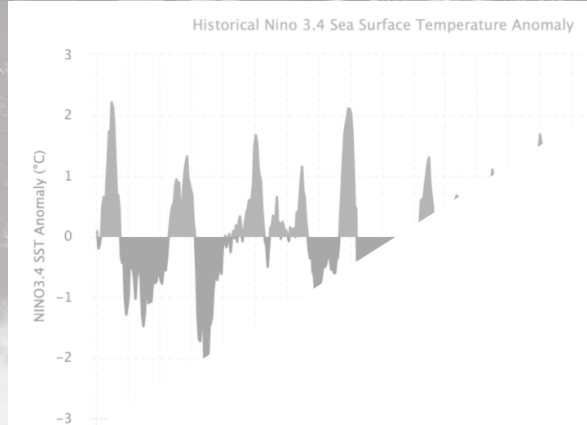


PERSPECTIVA CLIMÁTICA ESTACIONAL (Preliminar) ABRIL a AGOSTO 2023 HONDURAS

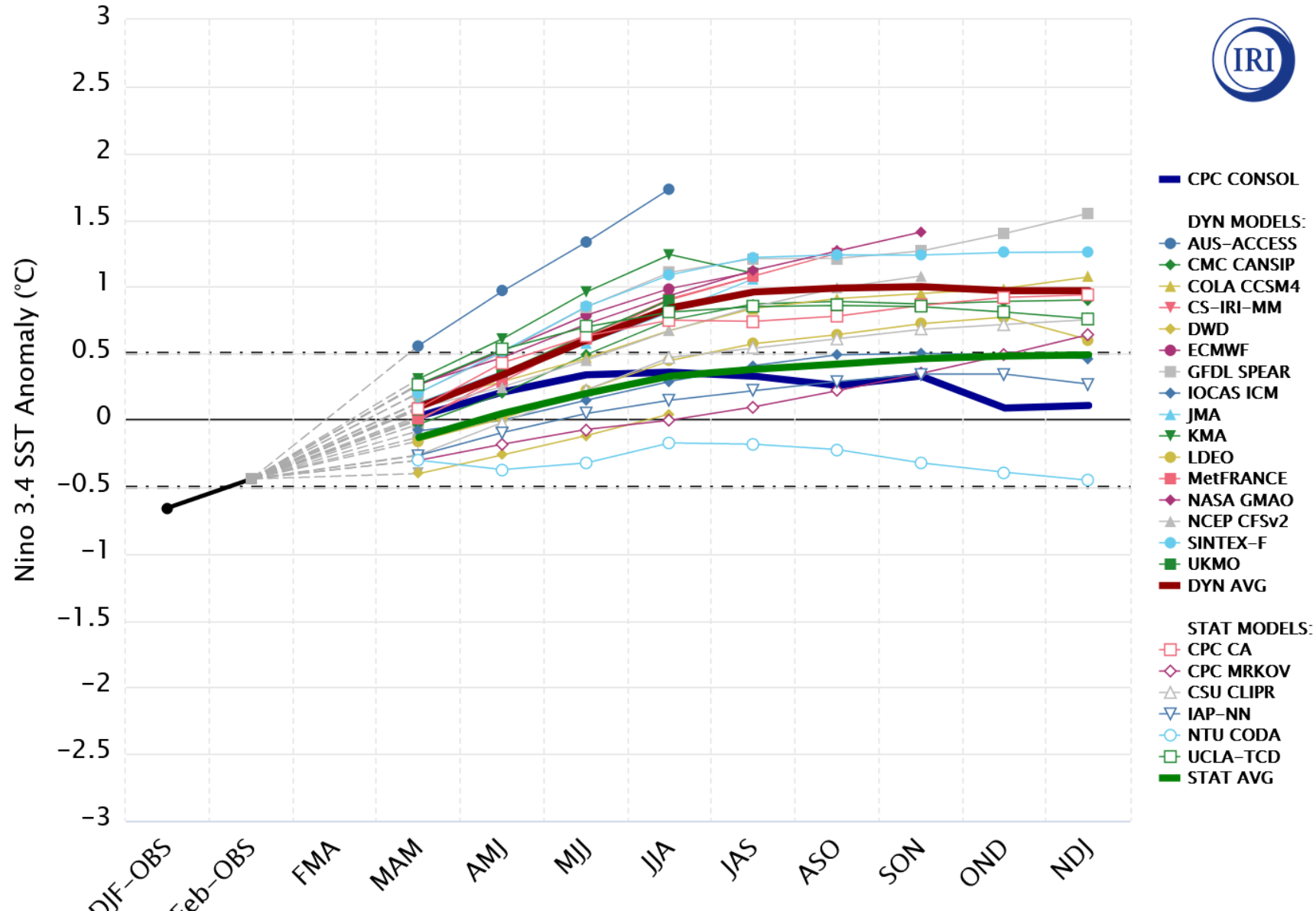


CENTRO NACIONAL DE ESTUDIOS
ATMOSFÉRICOS, OCEÁNICOS Y SÍSMICOS
CENAOS COPECO

Marzo 2023



Model Predictions of ENSO from Mar 2023



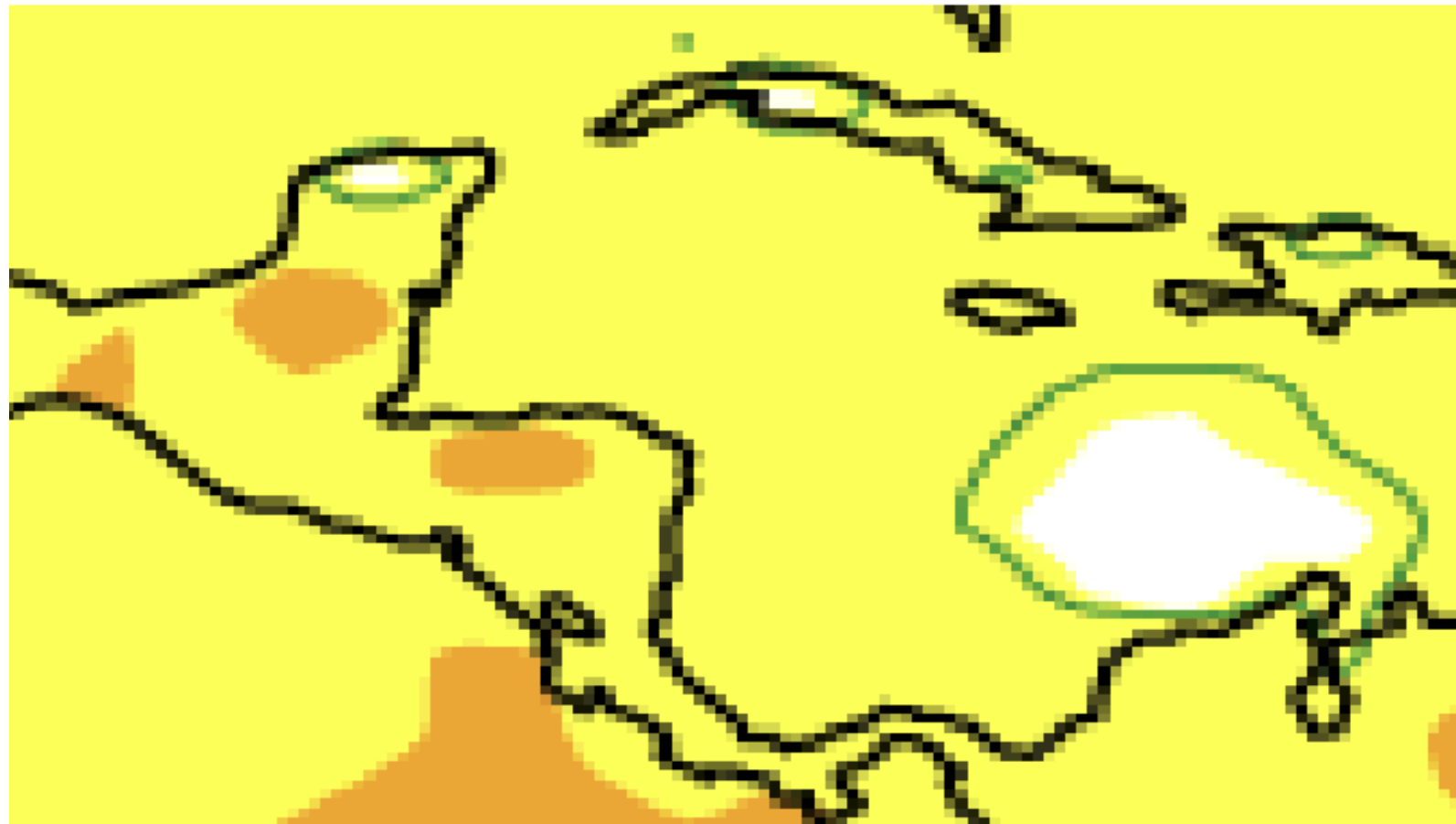
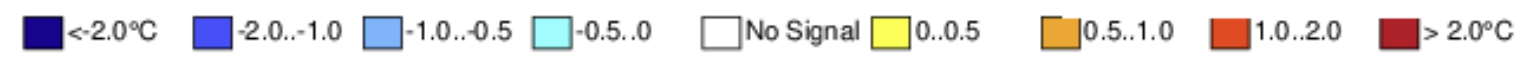
MODELO EUROPEO

ECMWF Seasonal Forecast
Mean 2m temperature anomaly

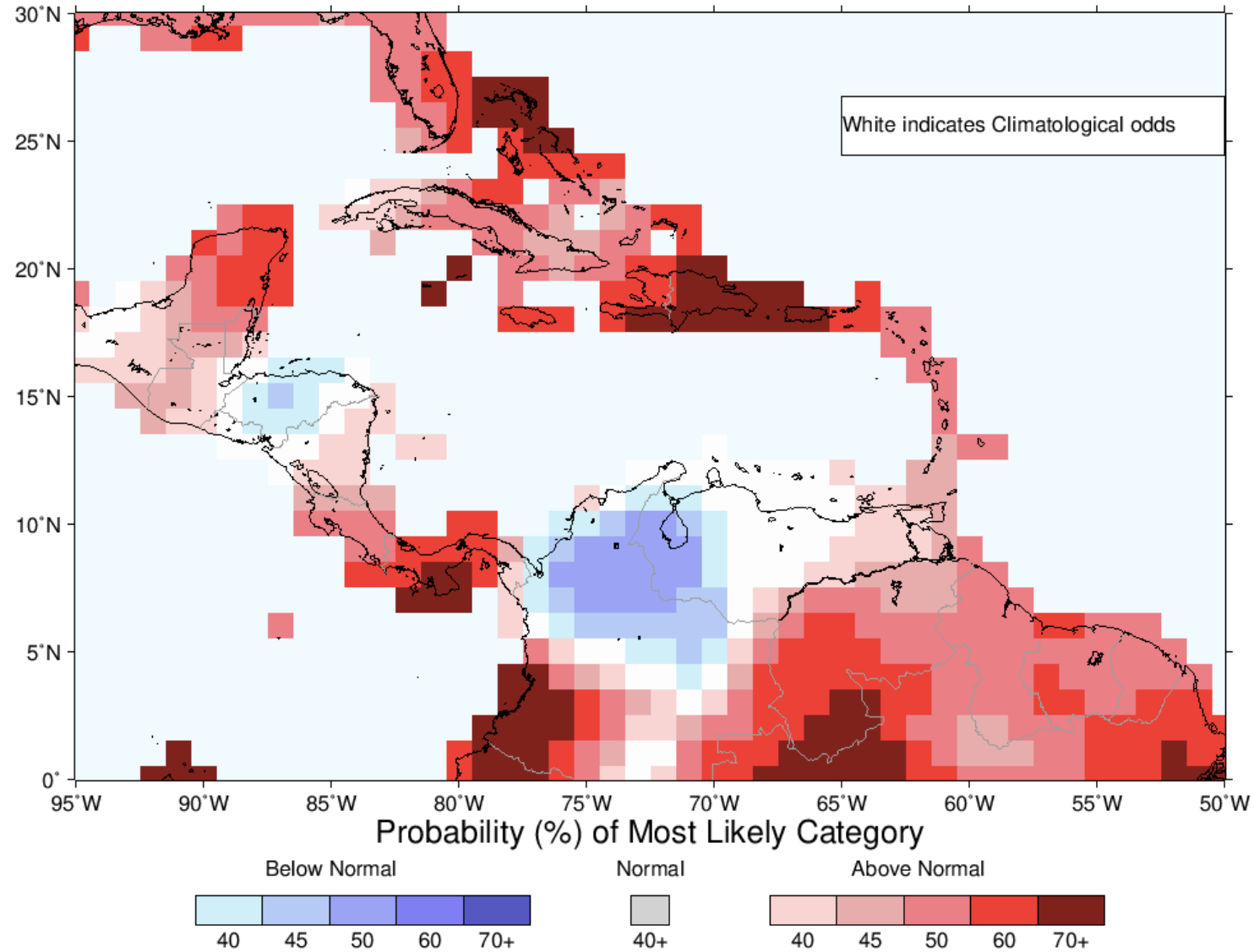
Forecast start is 01/03/23, climate period is 1993-2016
Ensemble size = 51, climate size = 600

System 5
AMJ 2023

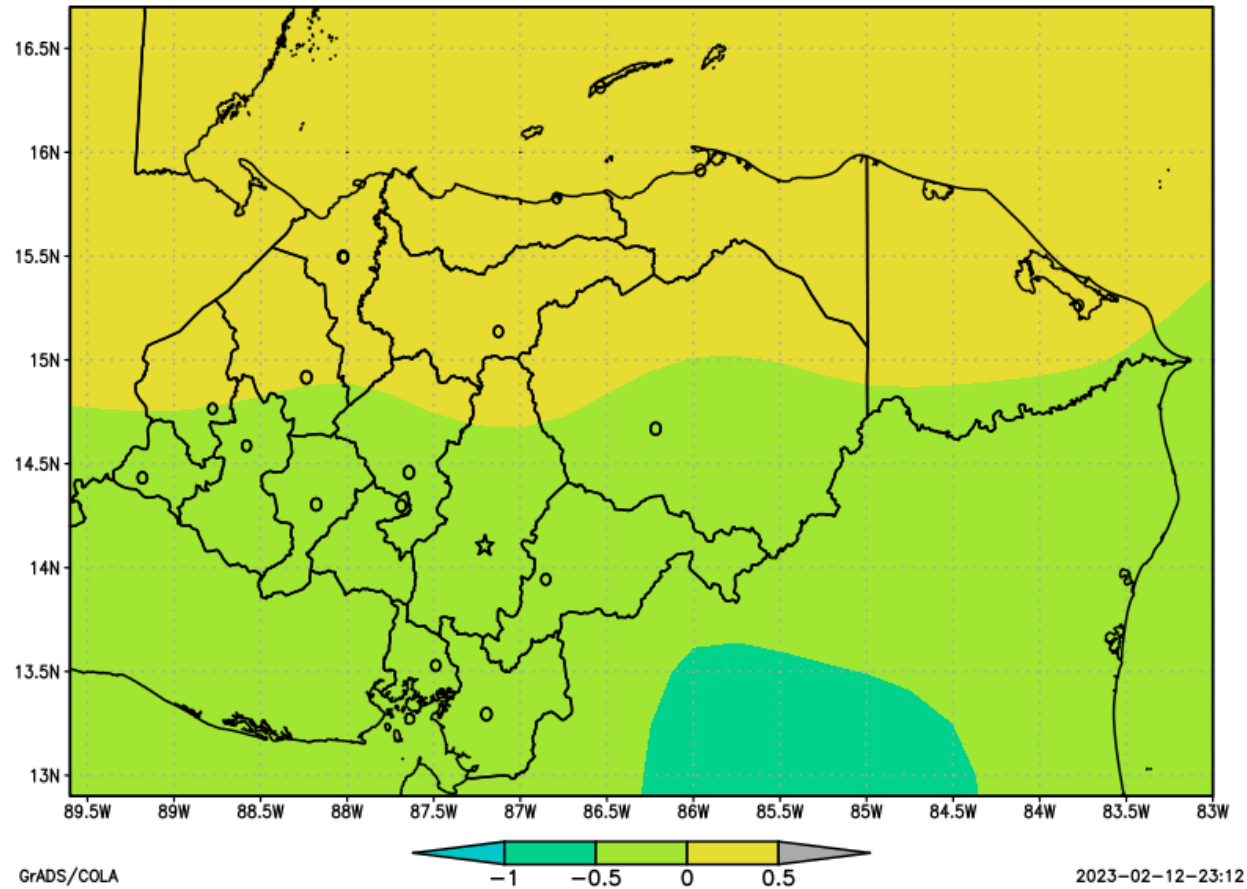
Shaded areas significant at 10% level
Solid contour at 1% level



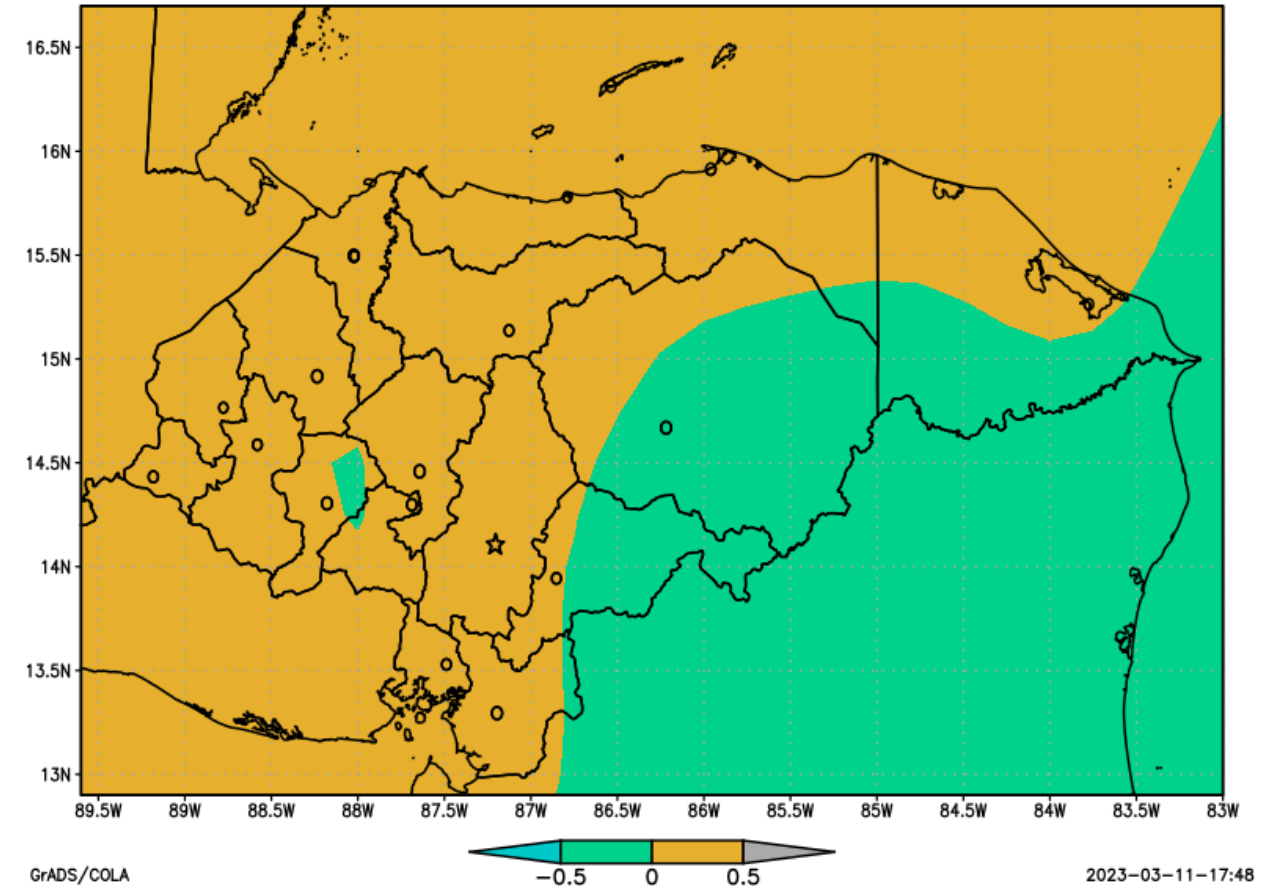
IRI Multi-Model Probability Forecast for Temperature for May–June–July 2023, Issued March 2023



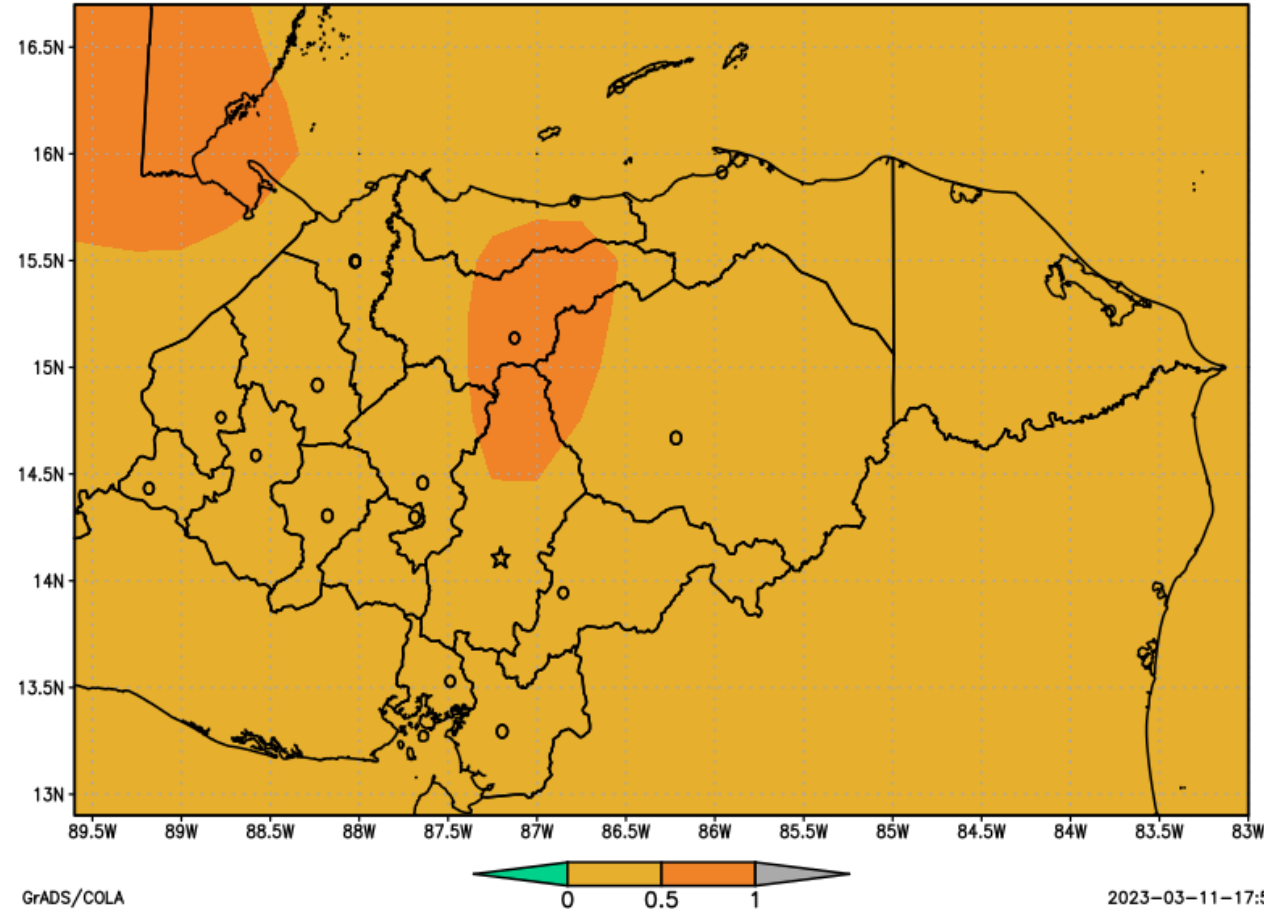
"pronostico de anomalia de Temp. (C), Marzo 2023, NMME"



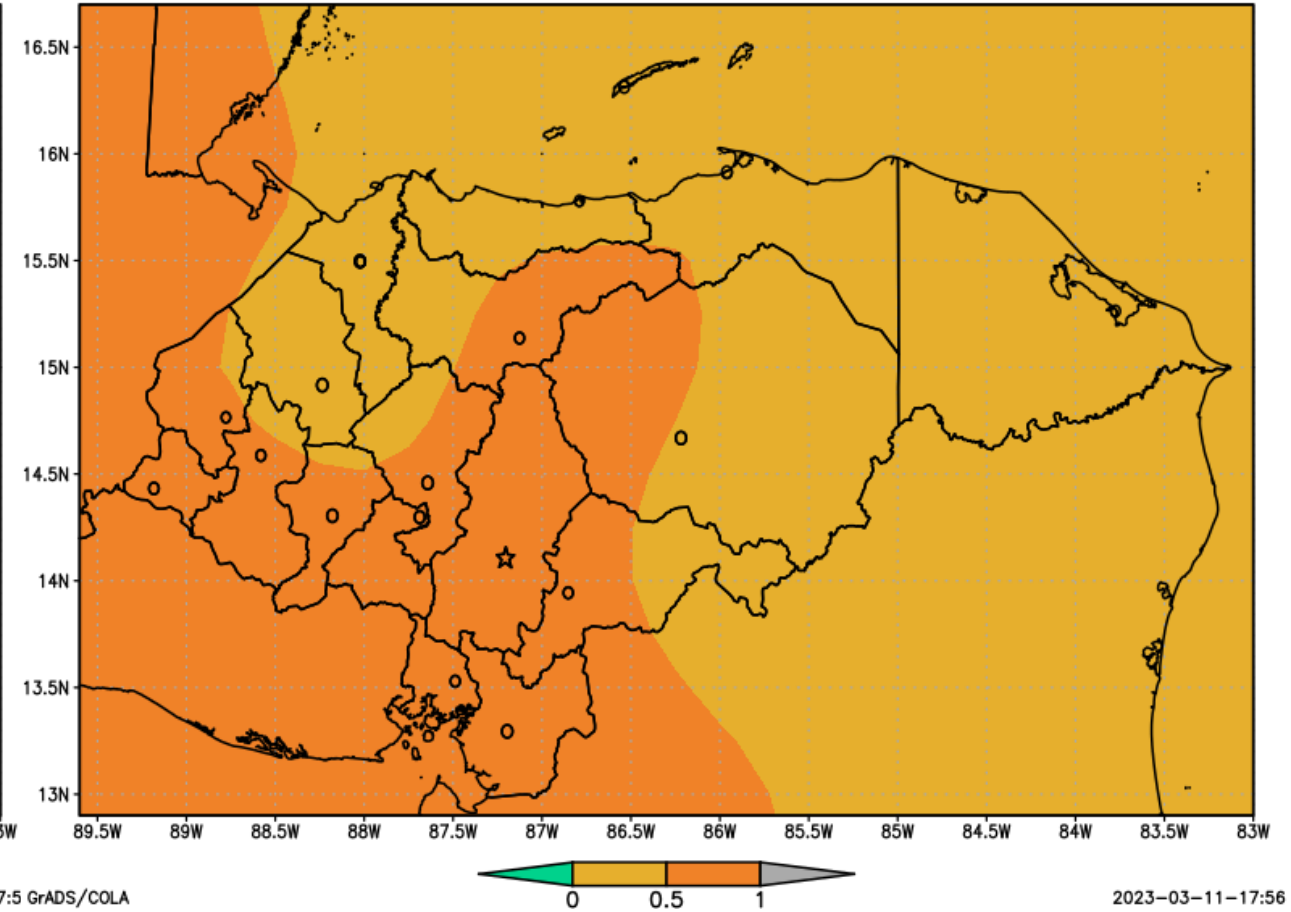
"Pronostico de anomalia de Temp en Abril 2023 (gC), NMME"



"Pronostico de anomalia de Temp en Mayo 2023 (gC), NMME"



"Pronostico de anomalia de Temp en Junio 2023 (gC), NMME"

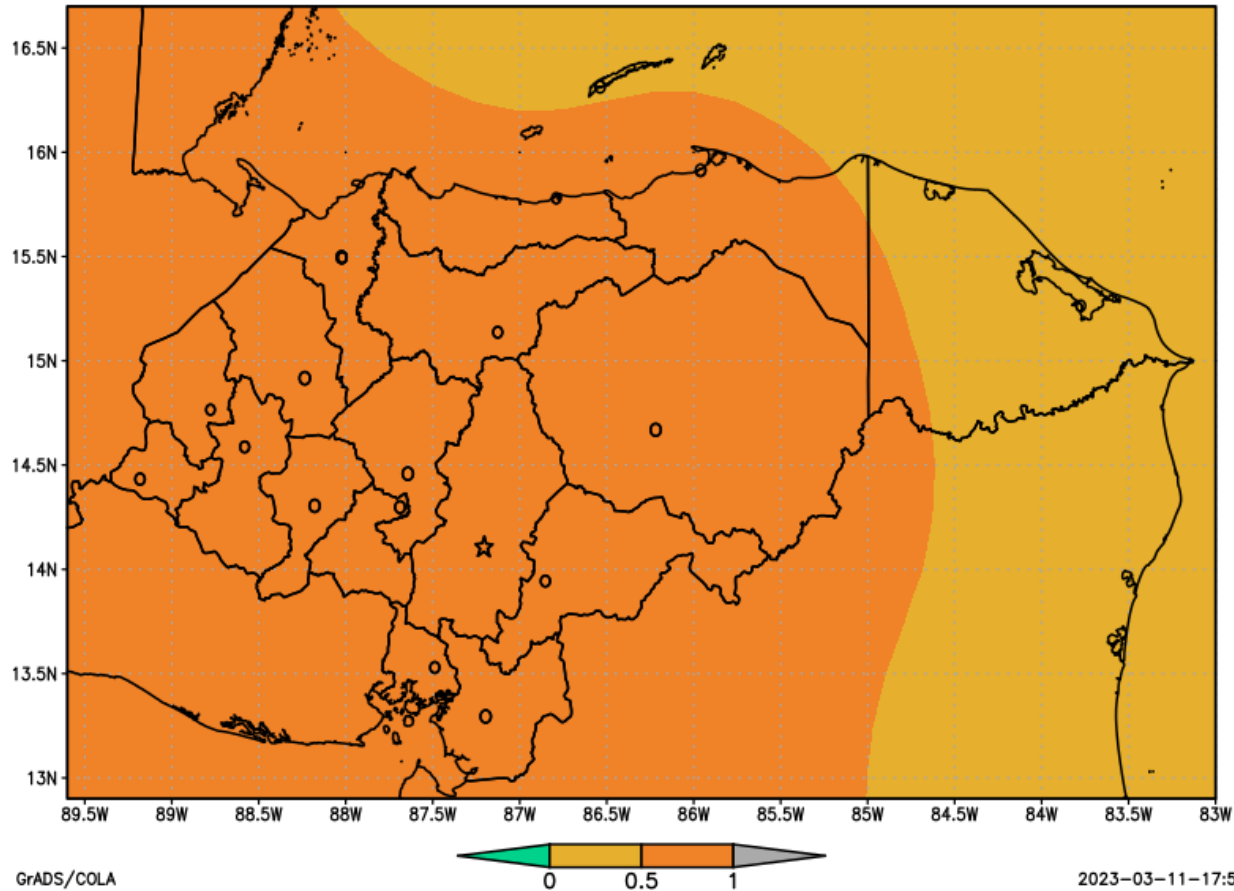


2023-03-11-17:5 GrADS/COLA

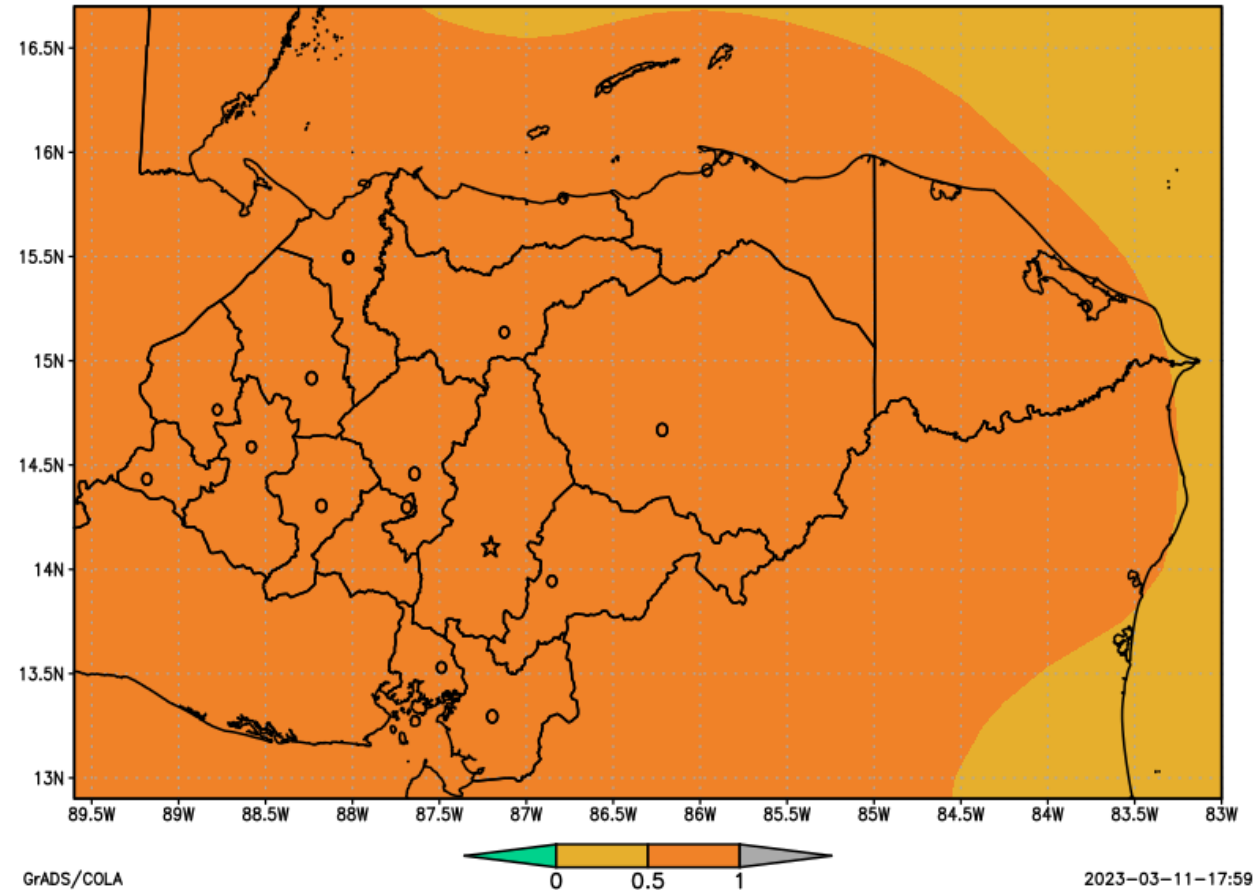
2023-03-11-17:56

MODELOS NORTEAMERICANOS

"Pronostico de anomalia de Temp en Julio 2023 (gC), NMME"

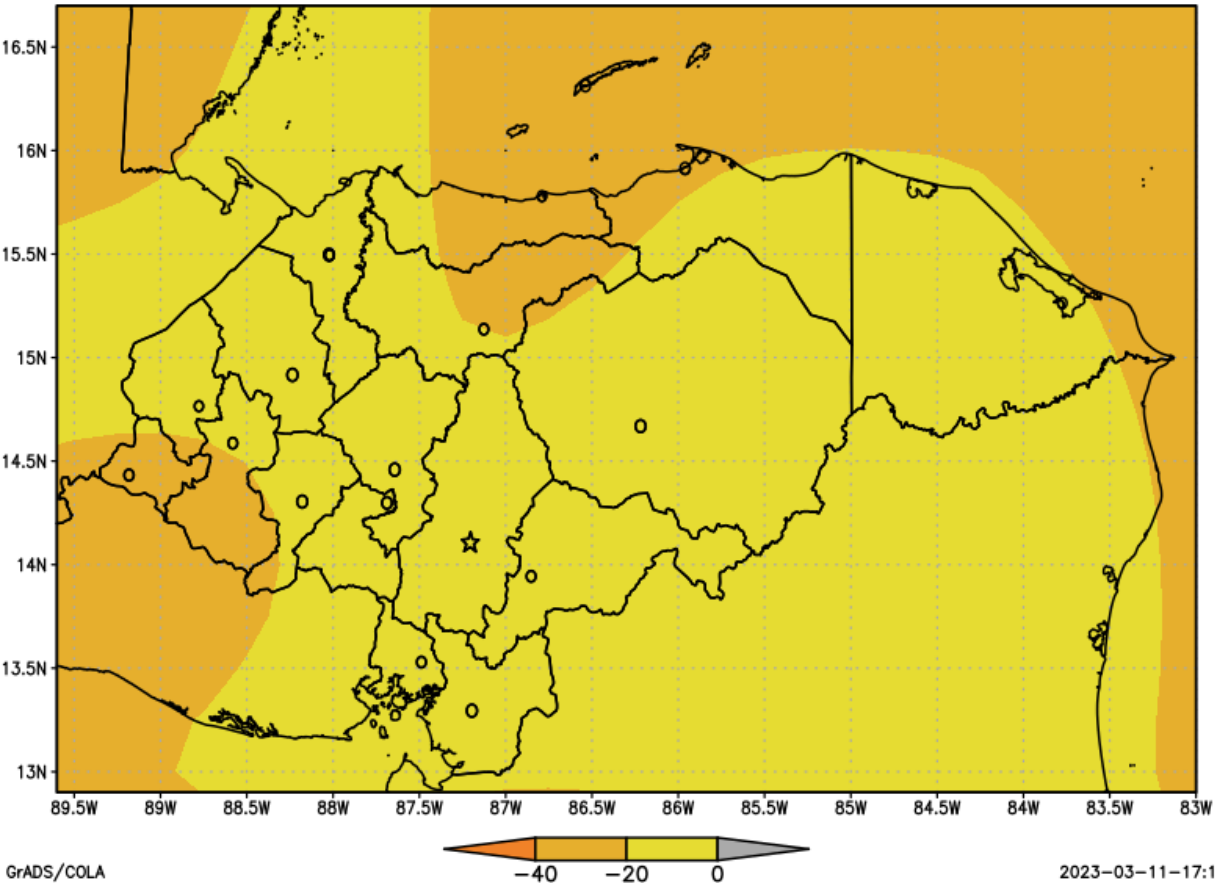


"Pronostico de anomalia de Temp en agosto 2023 (gC), NMME"

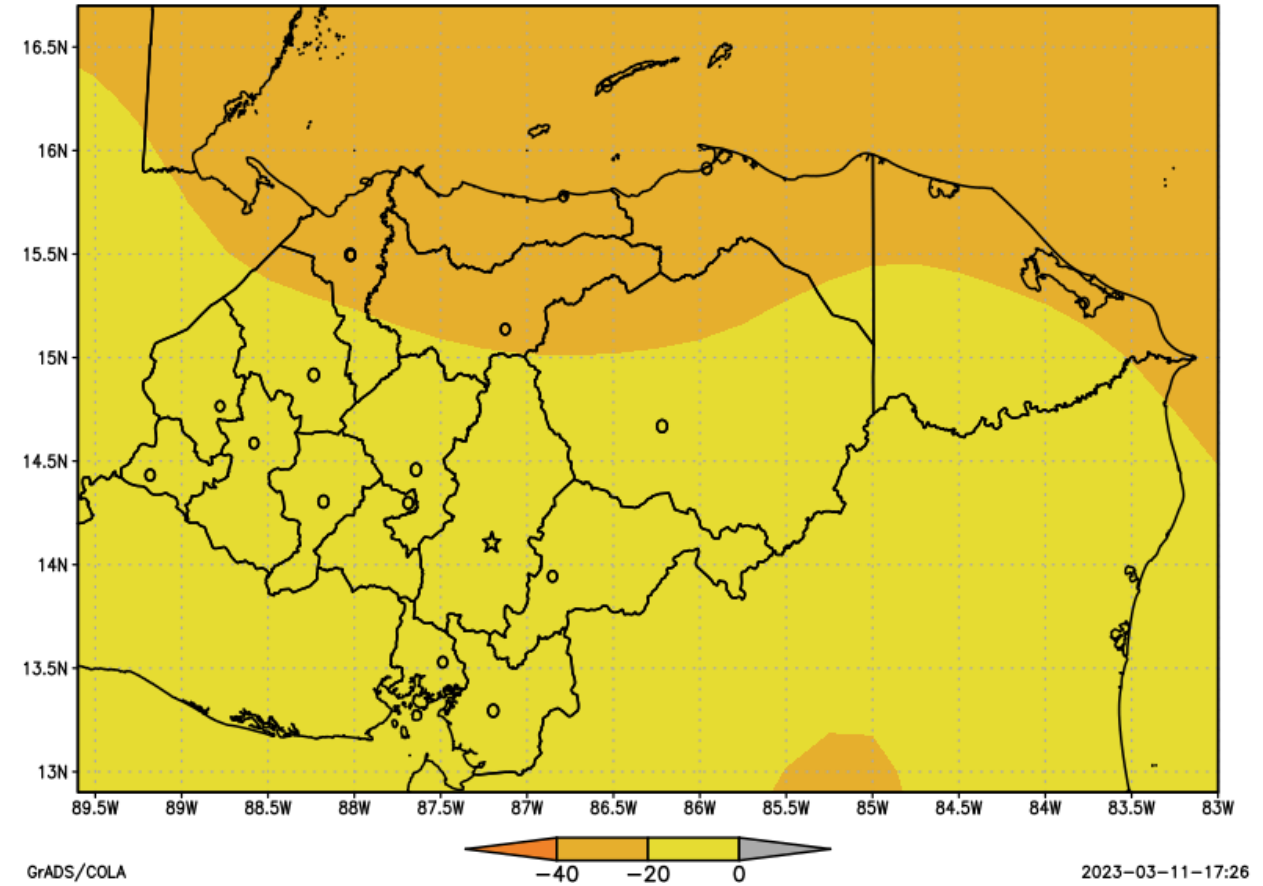


MODELOS NORTEAMERICANOS

"Pronostico de anomalia de precipitacion Abril 2023 (%), NMME"

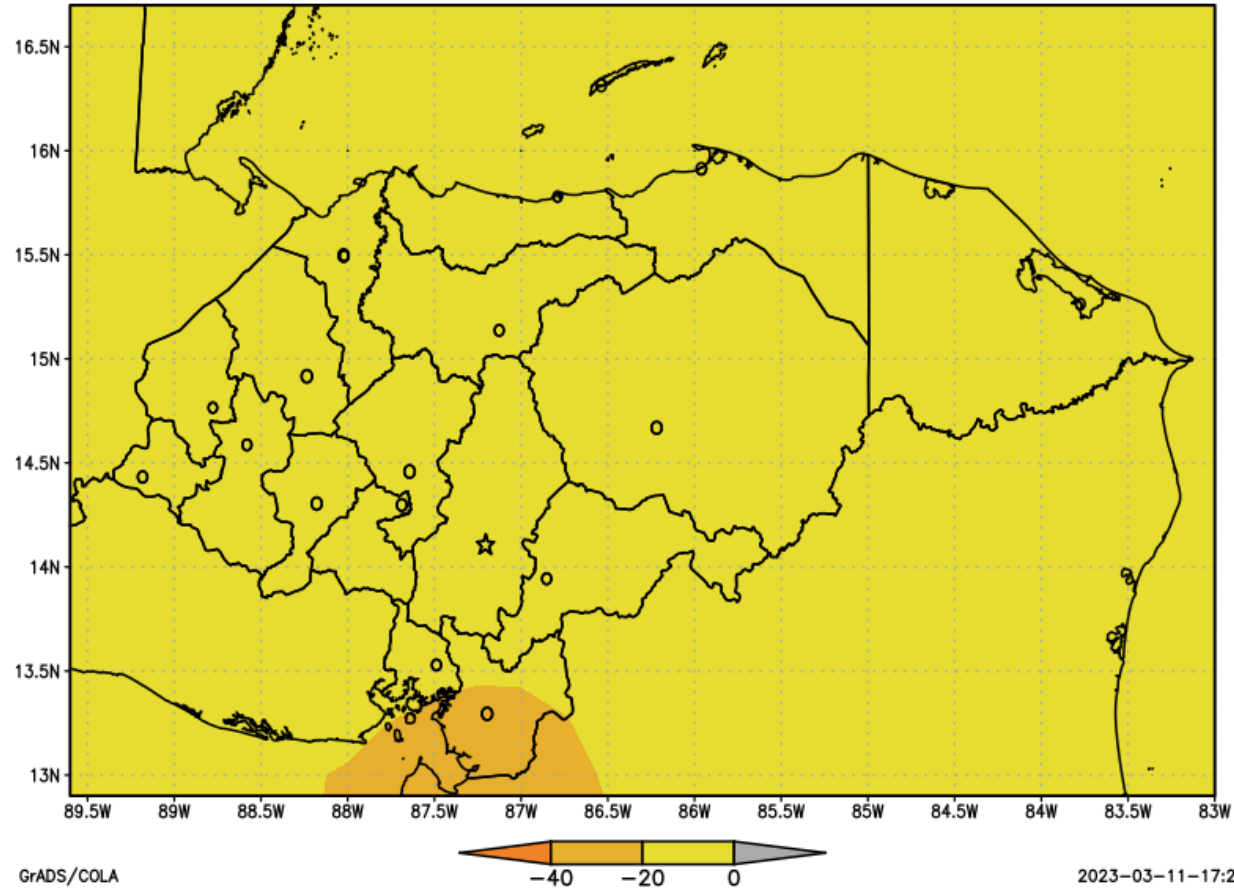


"Pronostico de anomalia de precipitacion Mayo 2023 (%), NMME"

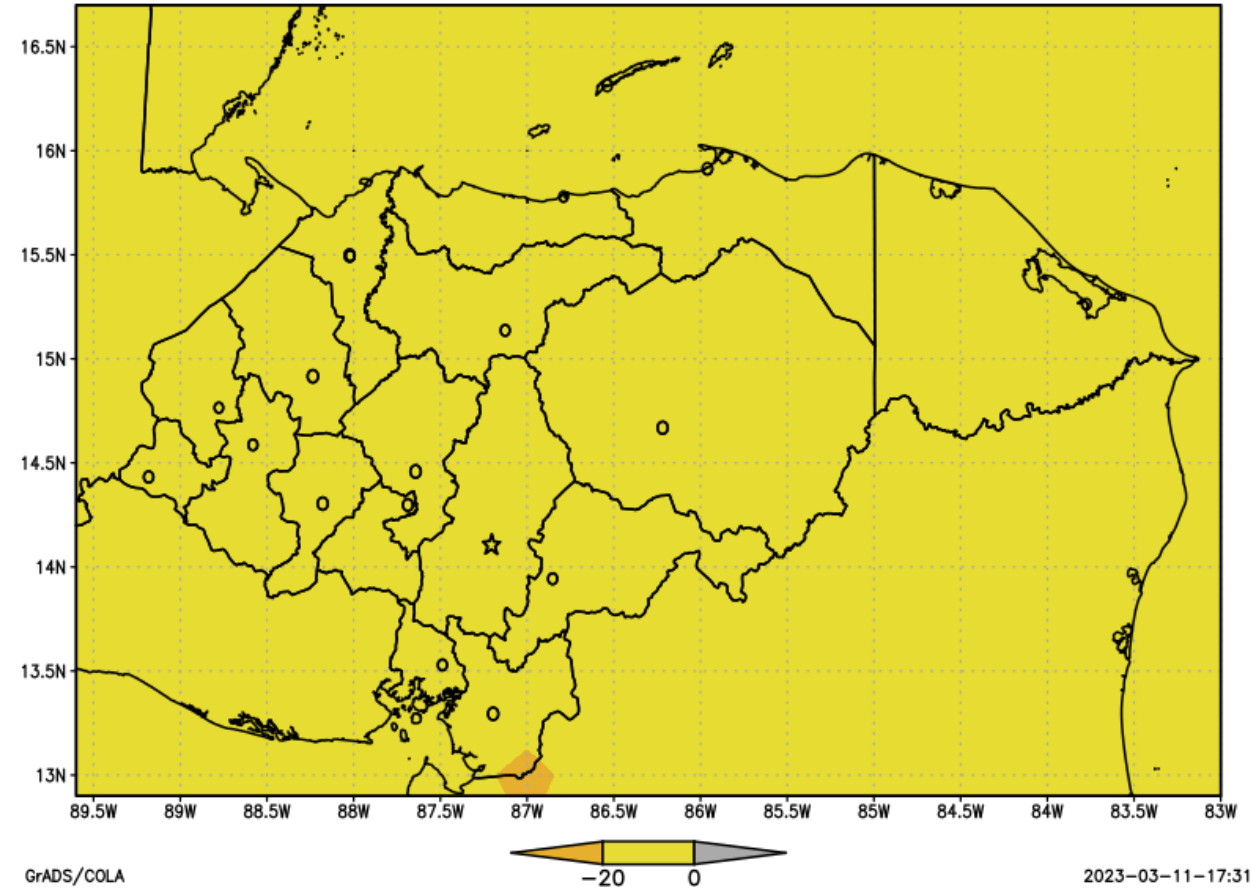


MODELOS NORTEAMERICANOS

"Pronostico de anomalia de precipitacion Junio 2023 (%), NMME"



"Pronostico de anomalia de precipitacion Julio 2023 (%), NMME"



MODELO EUROPEO

ECMWF Seasonal Forecast

Mean precipitation anomaly

Forecast start is 01/03/23, climate period is 1993-2016

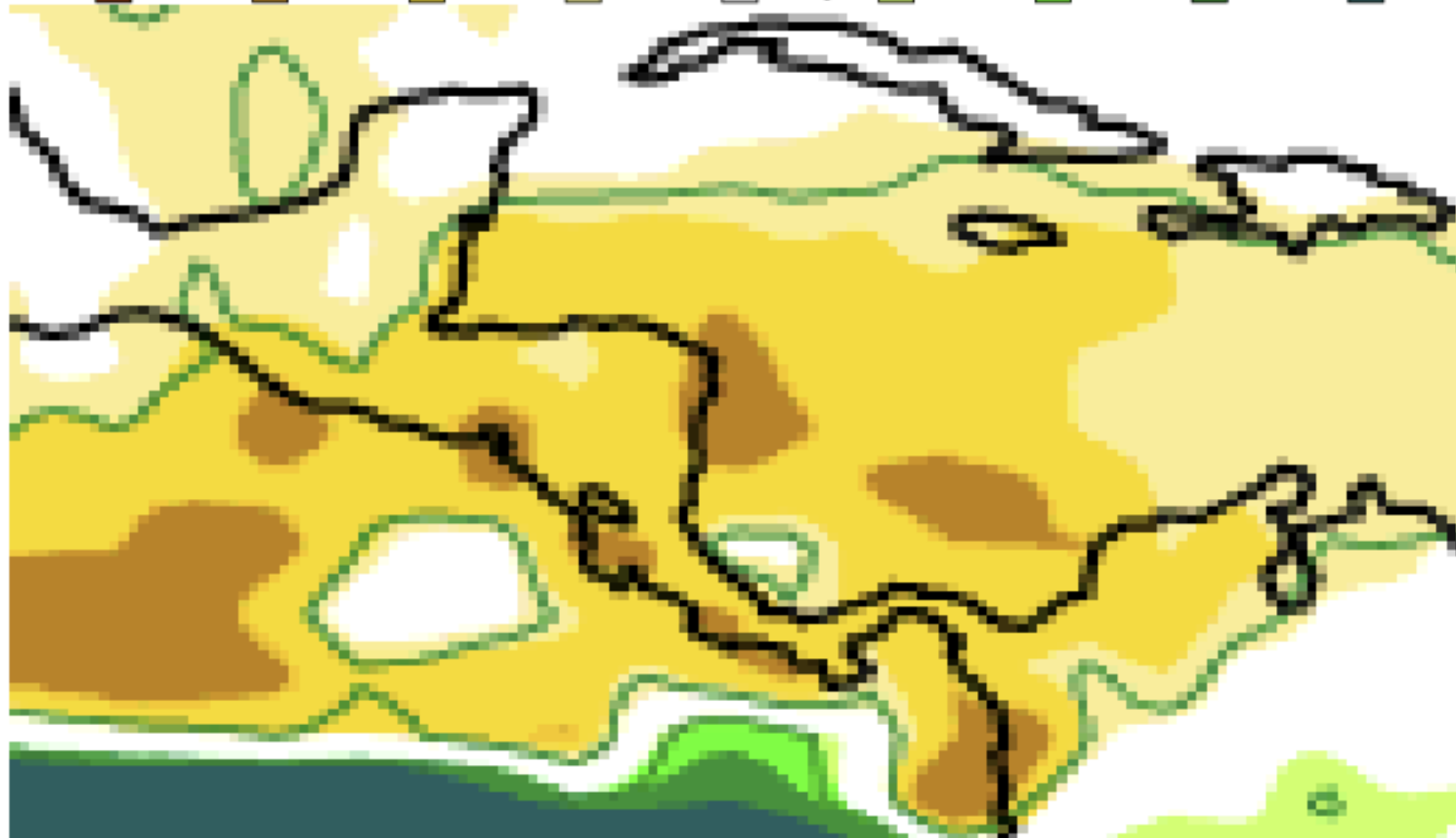
Ensemble size = 51, climate size = 600

System 5

MJJ 2023

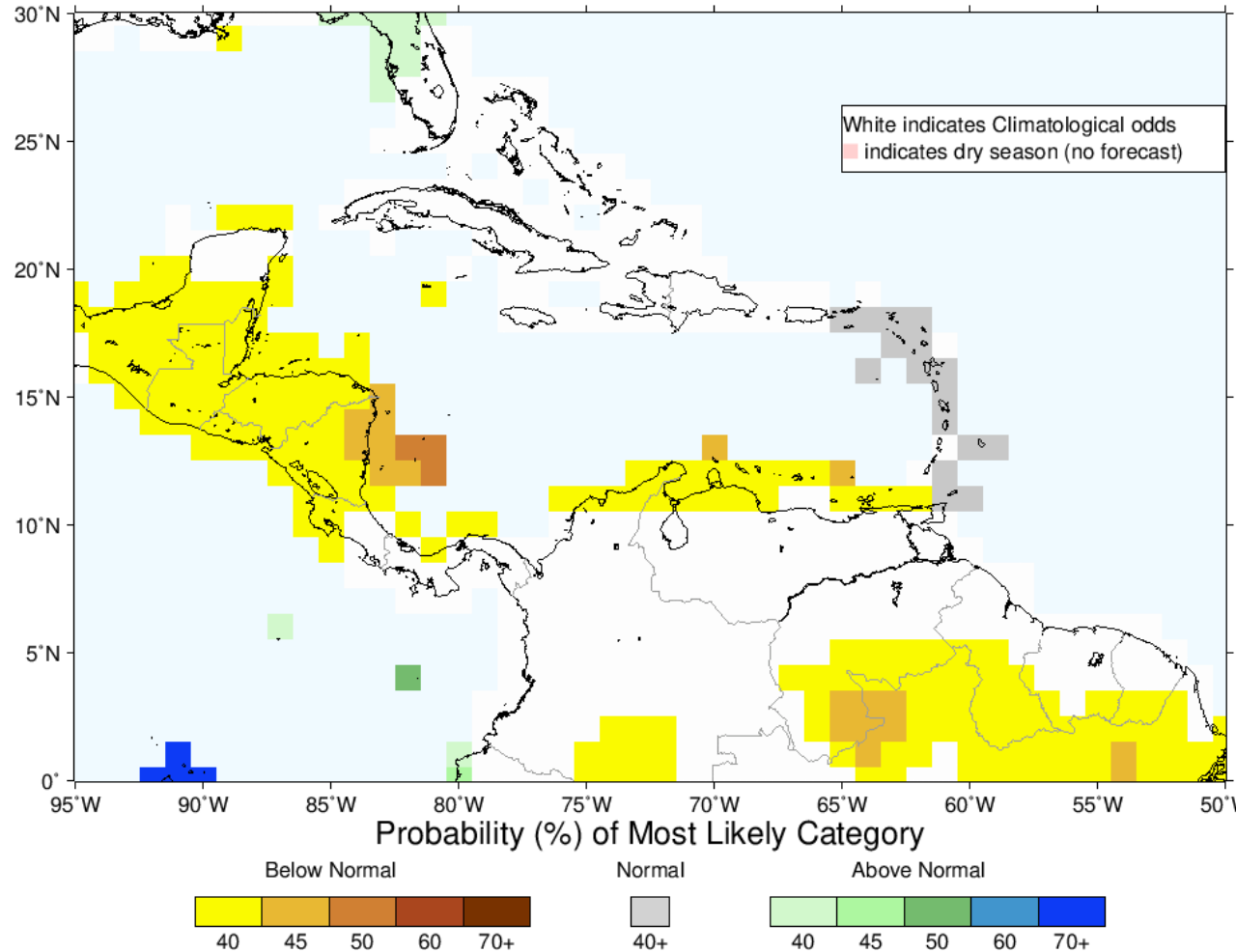
Shaded areas significant at 10% level

Solid contour at 1% level

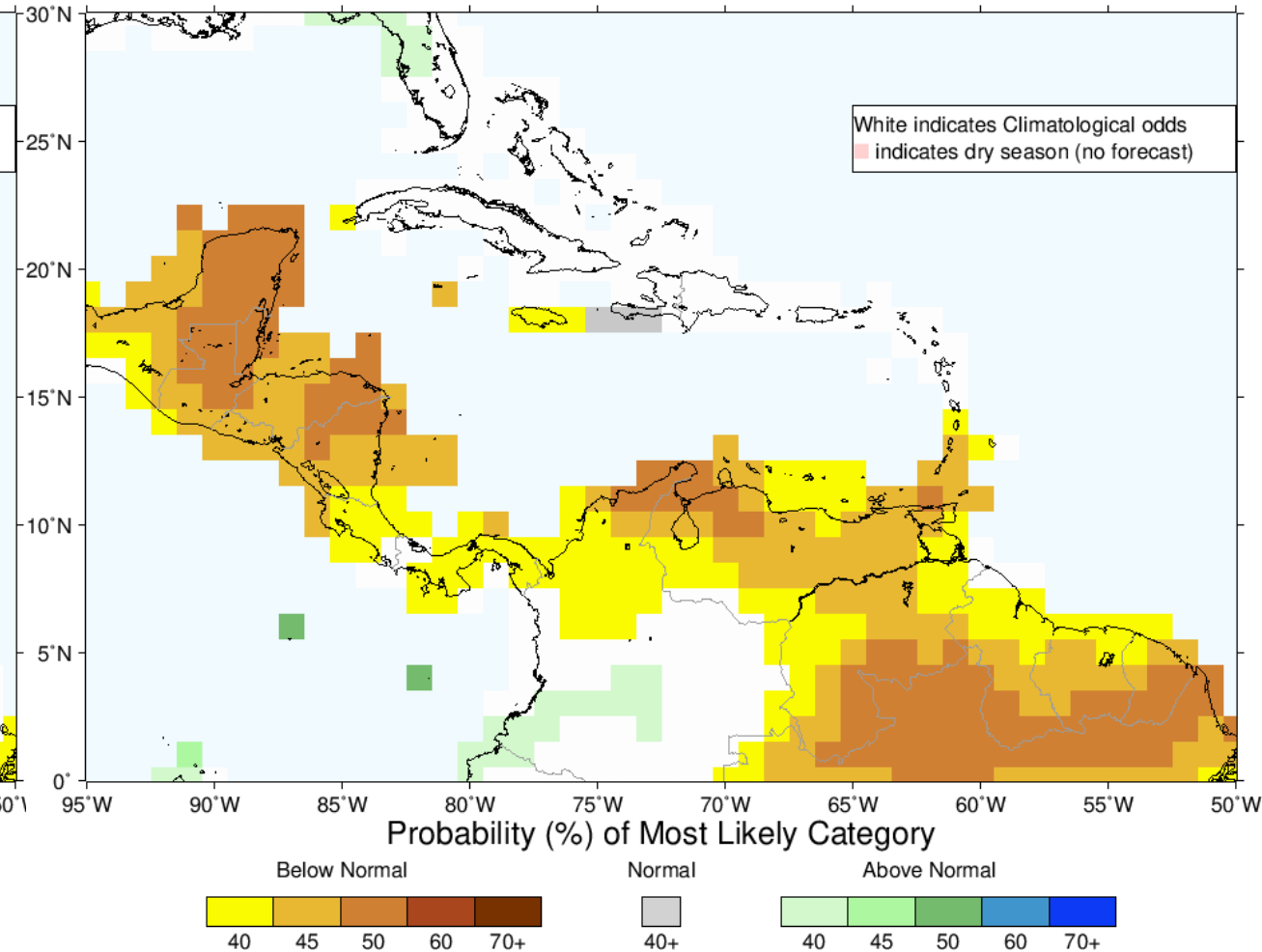


MODELO IRI

IRI Multi-Model Probability Forecast for Precipitation for May-June-July 2023, Issued March 2023

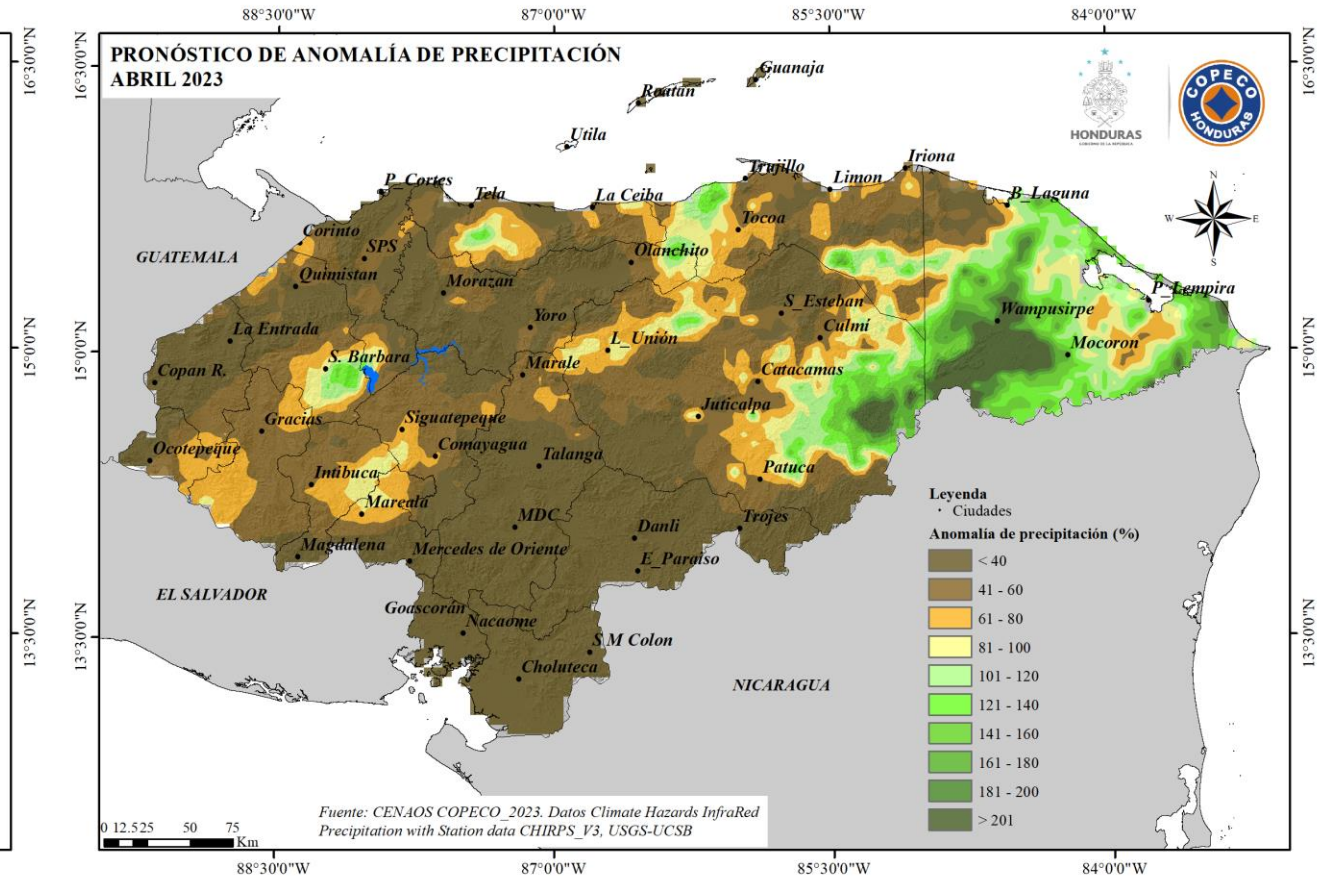
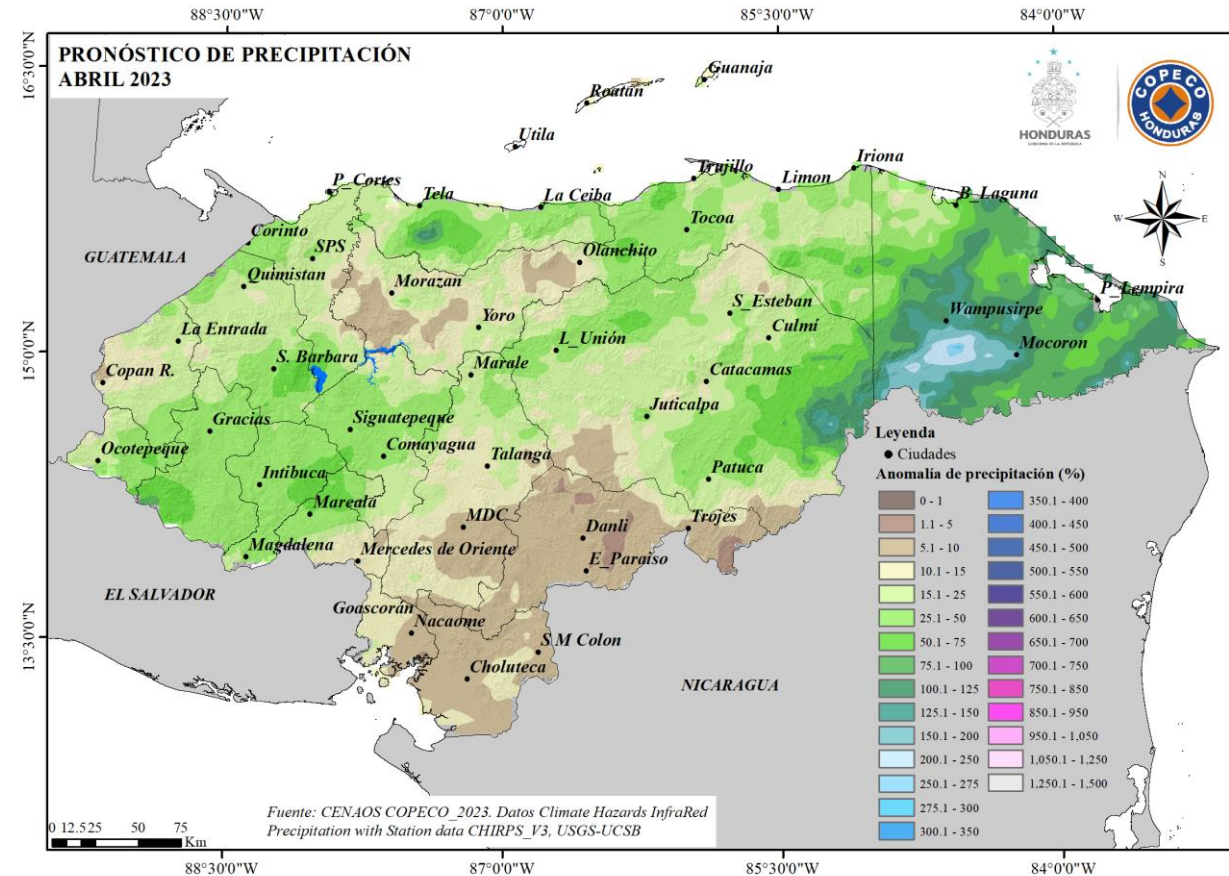


IRI Multi-Model Probability Forecast for Precipitation for July-August-September 2023, Issued March 2023



PRONÓSTICO DE PRECIPITACIÓN ABRIL

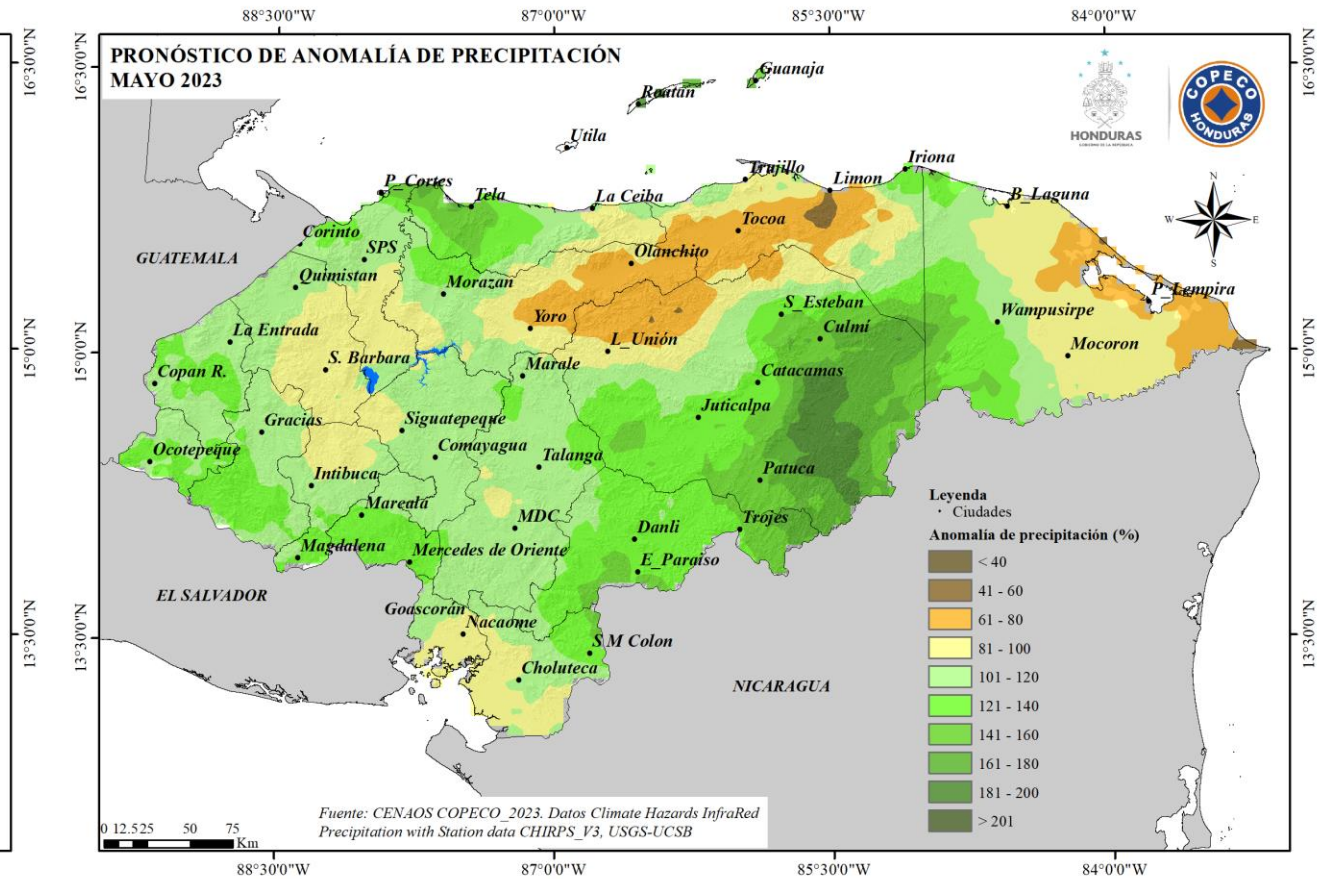
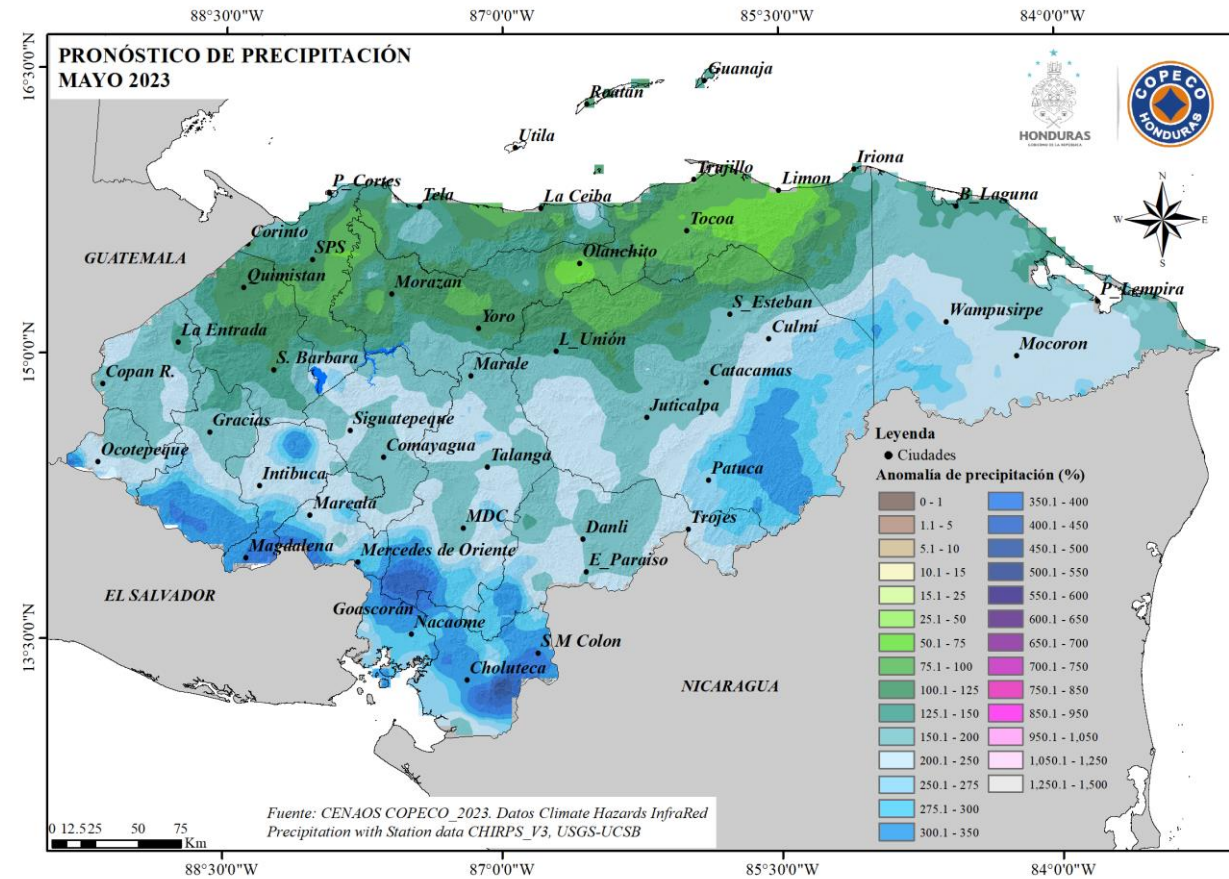
AÑOS ANÁLOGOS



AÑOS ANÁLOGOS: 2002 y 2009

PRONÓSTICO DE PRECIPITACIÓN MAYO

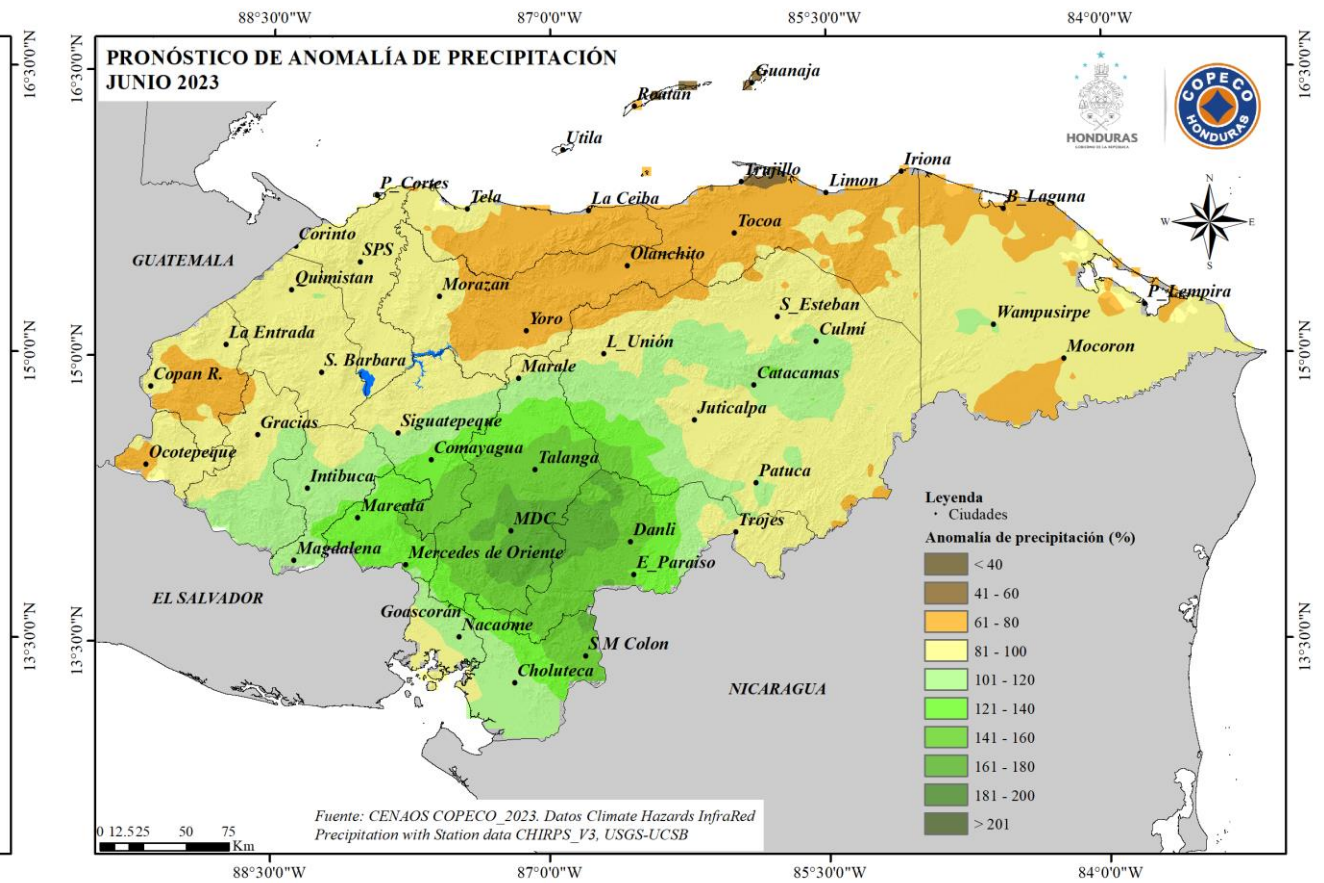
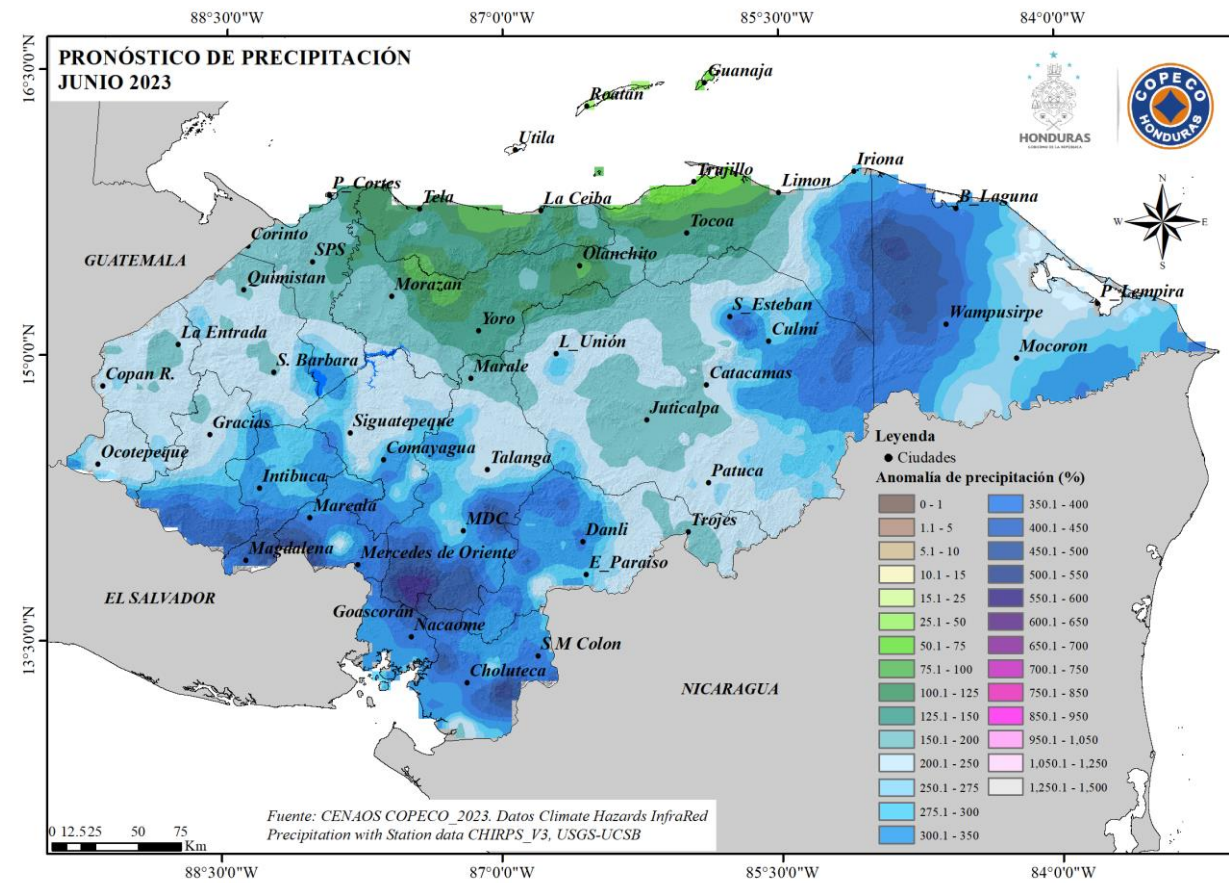
AÑOS ANÁLOGOS



AÑOS ANÁLOGOS: 2002 y 2009

PRONÓSTICO DE PRECIPITACIÓN JUNIO

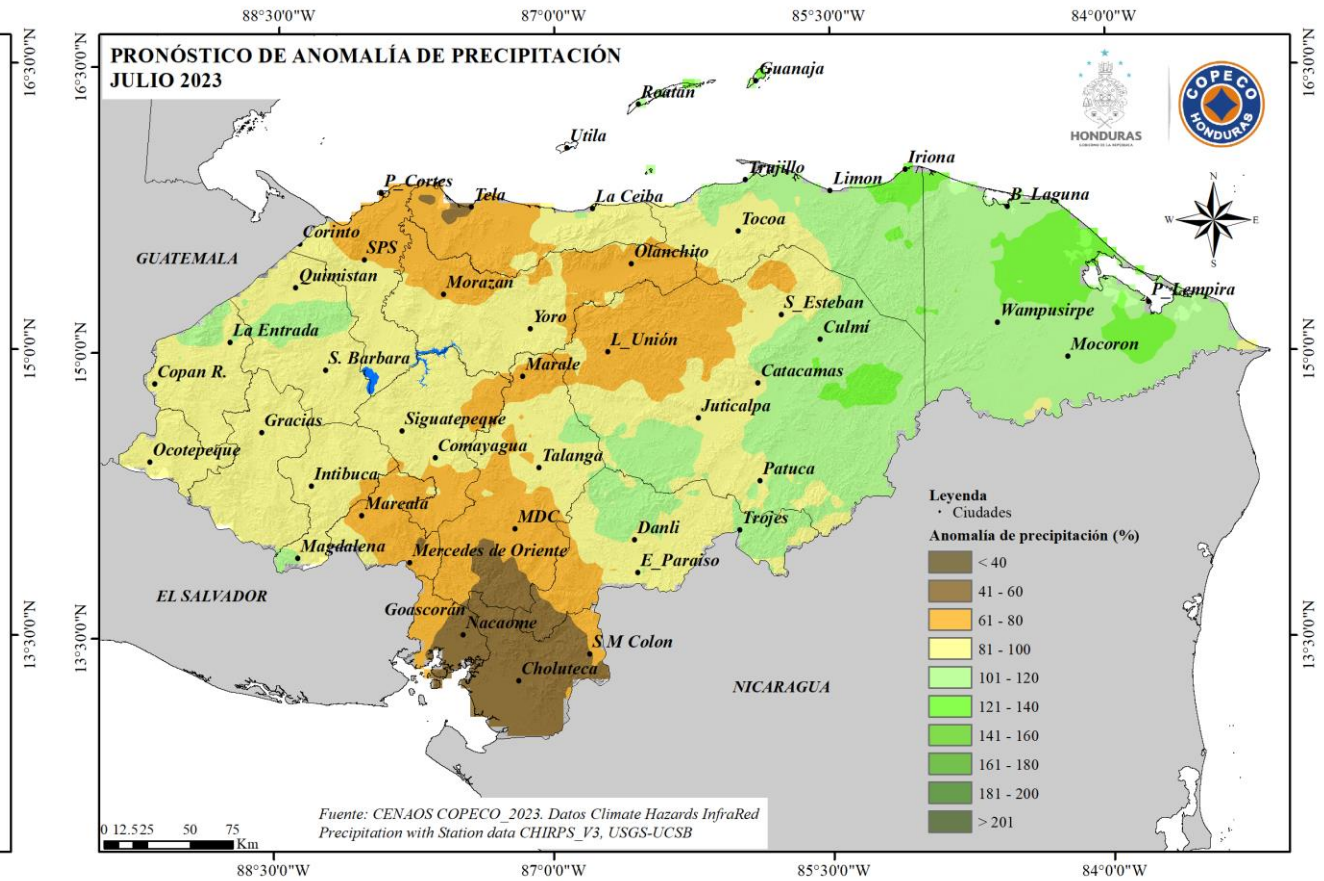
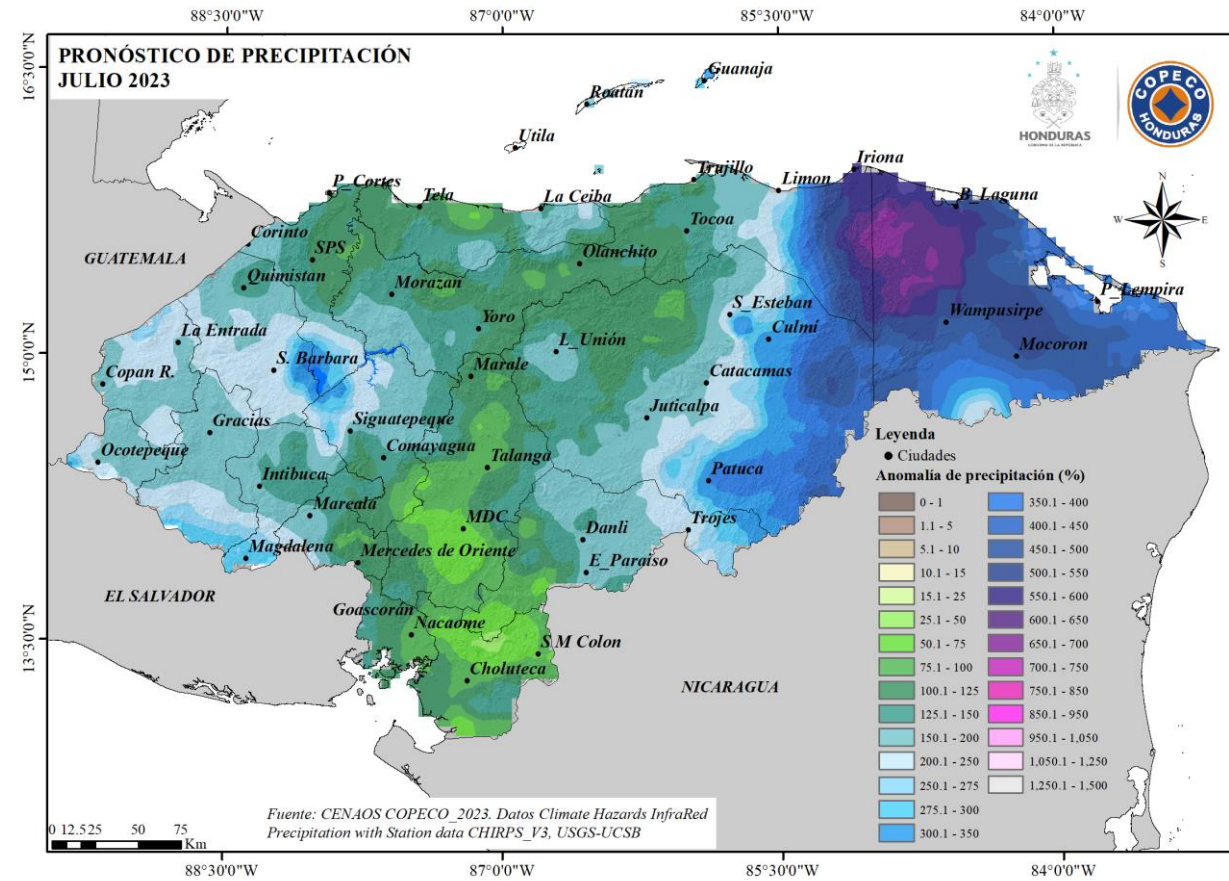
AÑOS ANÁLOGOS



AÑOS ANÁLOGOS: 2002 y 2009

PRONÓSTICO DE PRECIPITACIÓN JULIO

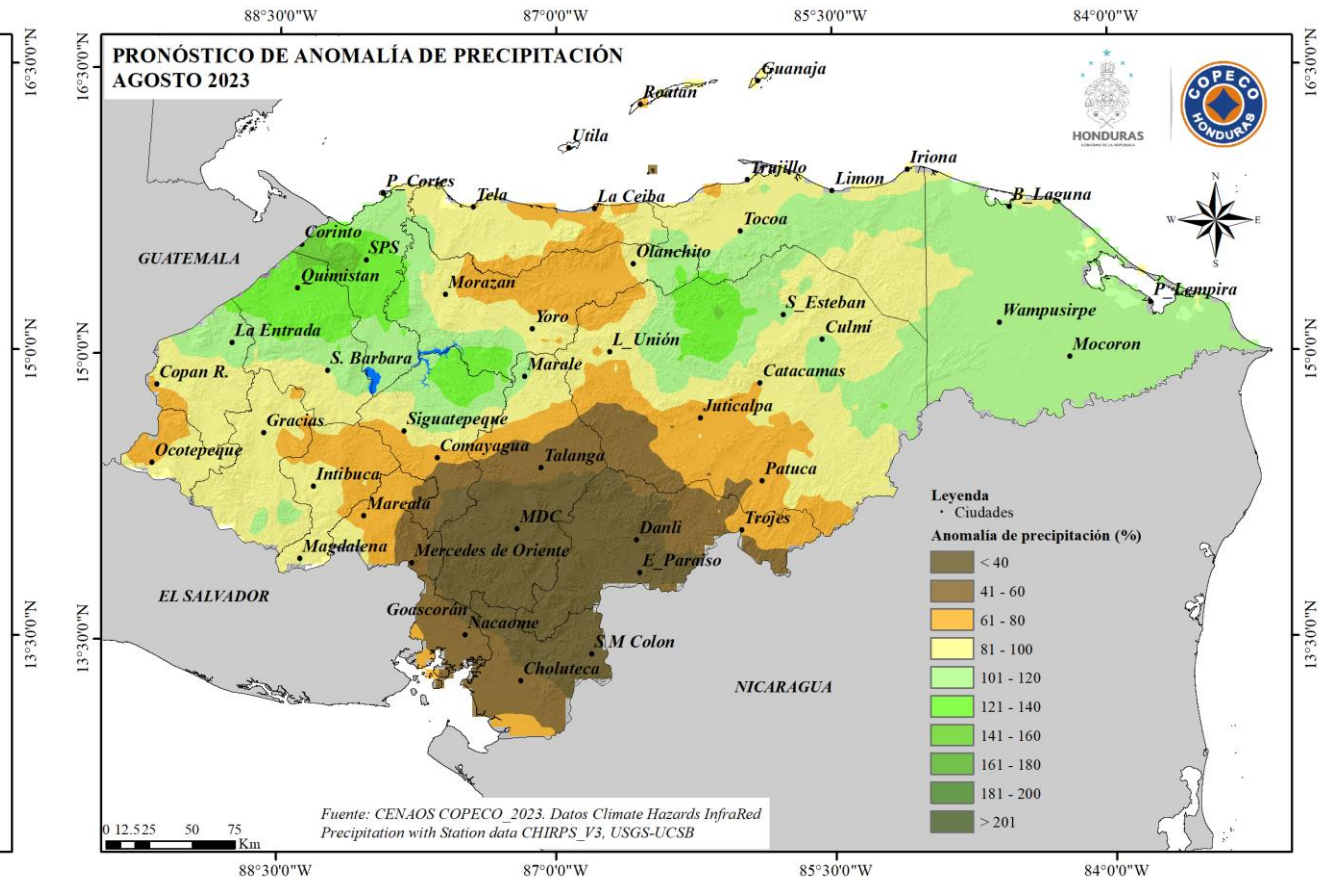
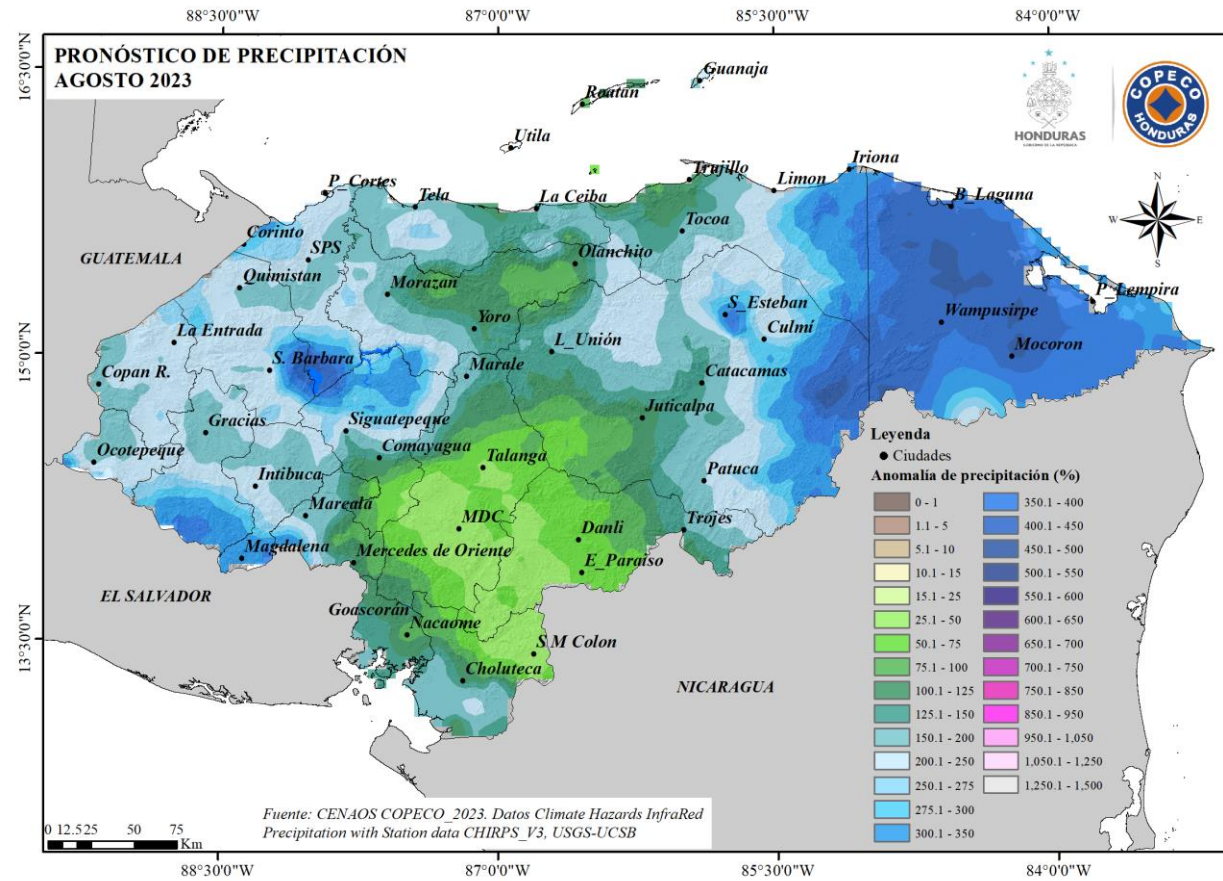
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AÑOS ANÁLOGOS: 2002 y 2009

PRONÓSTICO DE PRECIPITACIÓN AGOSTO

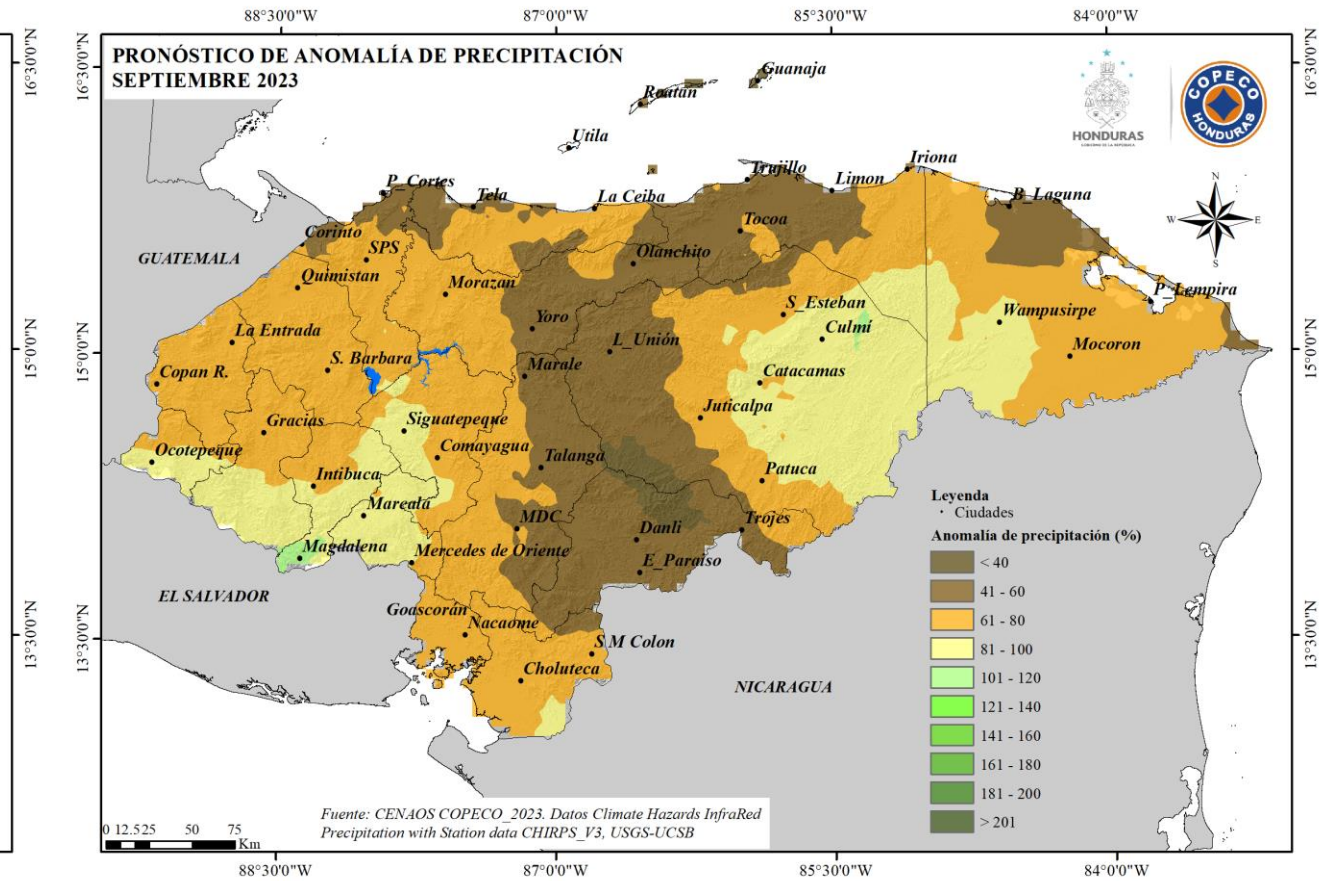
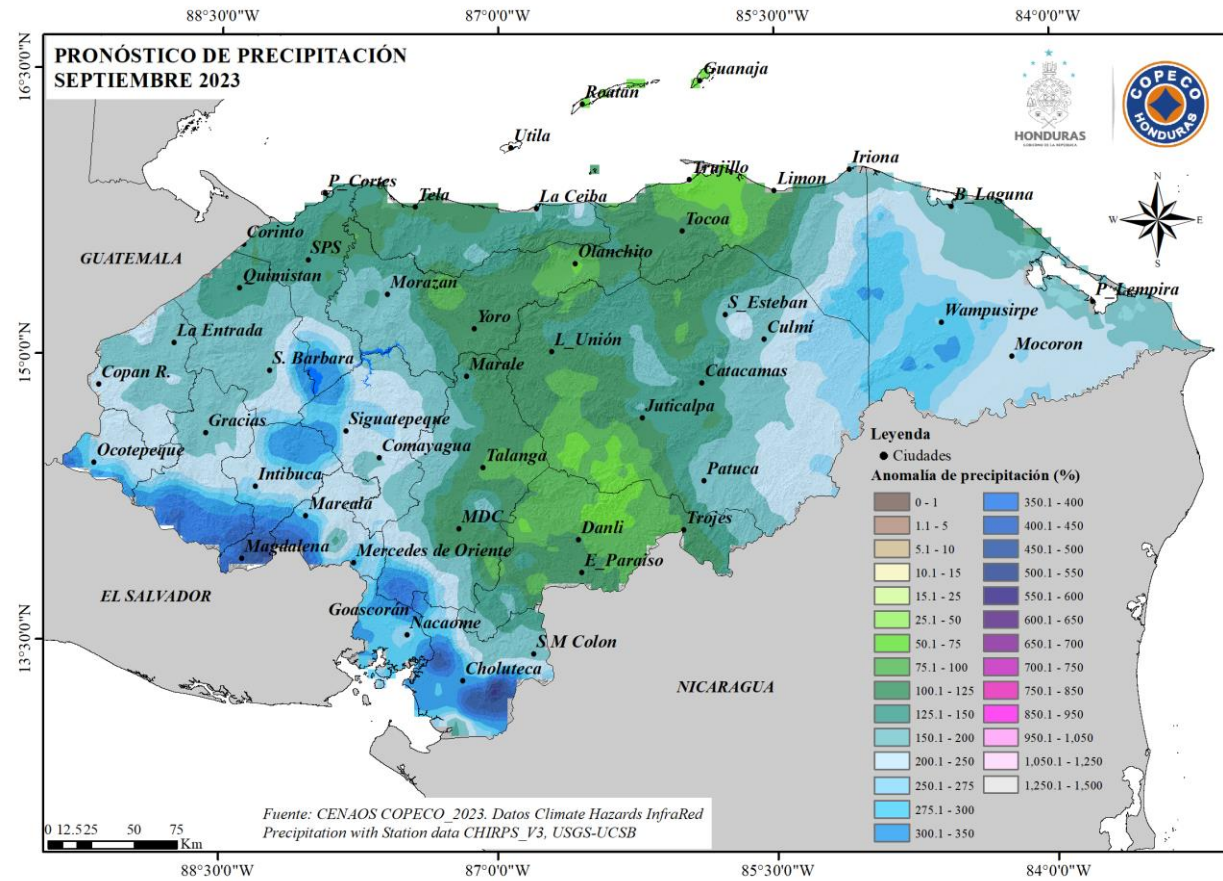
AÑOS ANÁLOGOS



AÑOS ANÁLOGOS: 2002 y 2009

PRONÓSTICO DE PRECIPITACIÓN SEPTIEMBRE

AÑOS ANÁLOGOS



AÑOS ANÁLOGOS: 2002 y 2009

PRONÓSTICO DE PRECIPITACIÓN Feb – Ago 2023

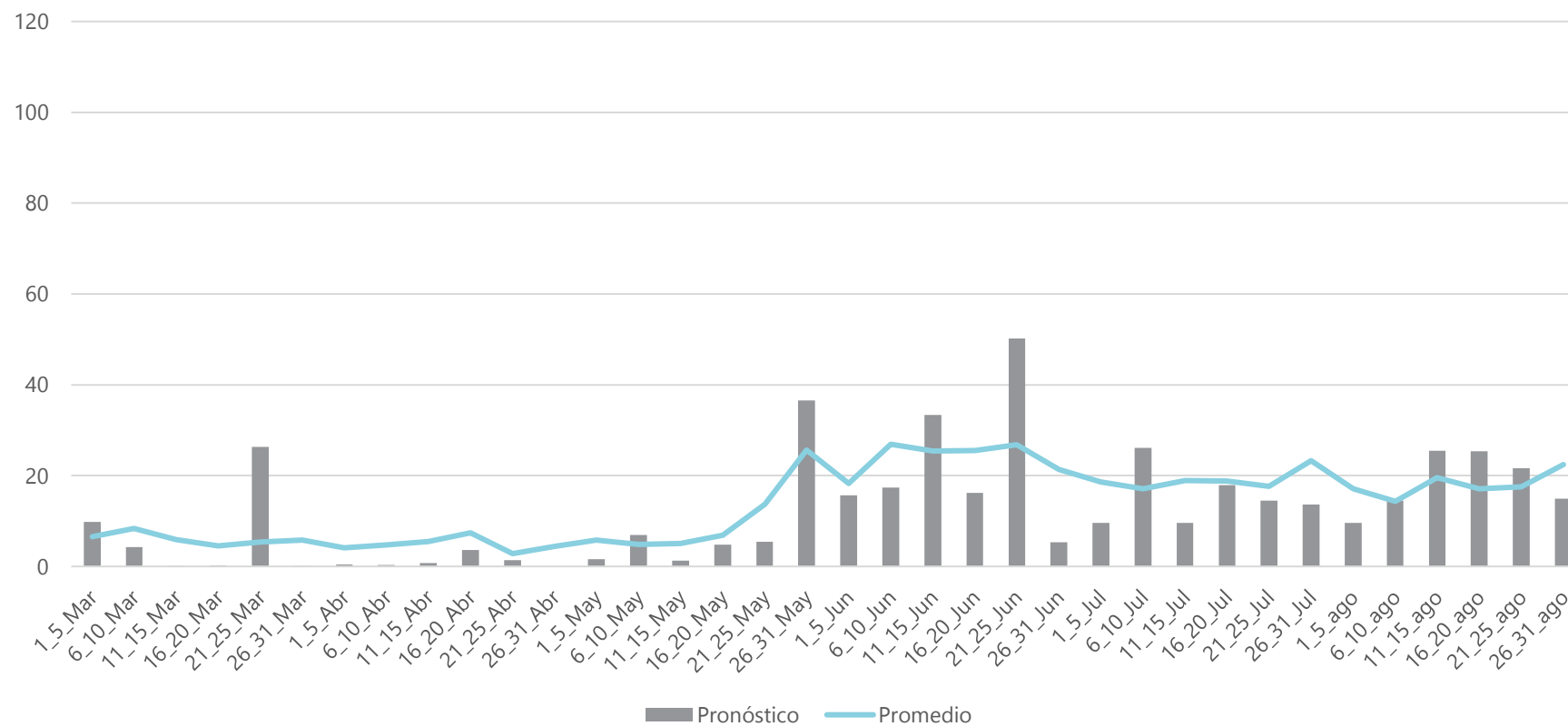


CENAOS

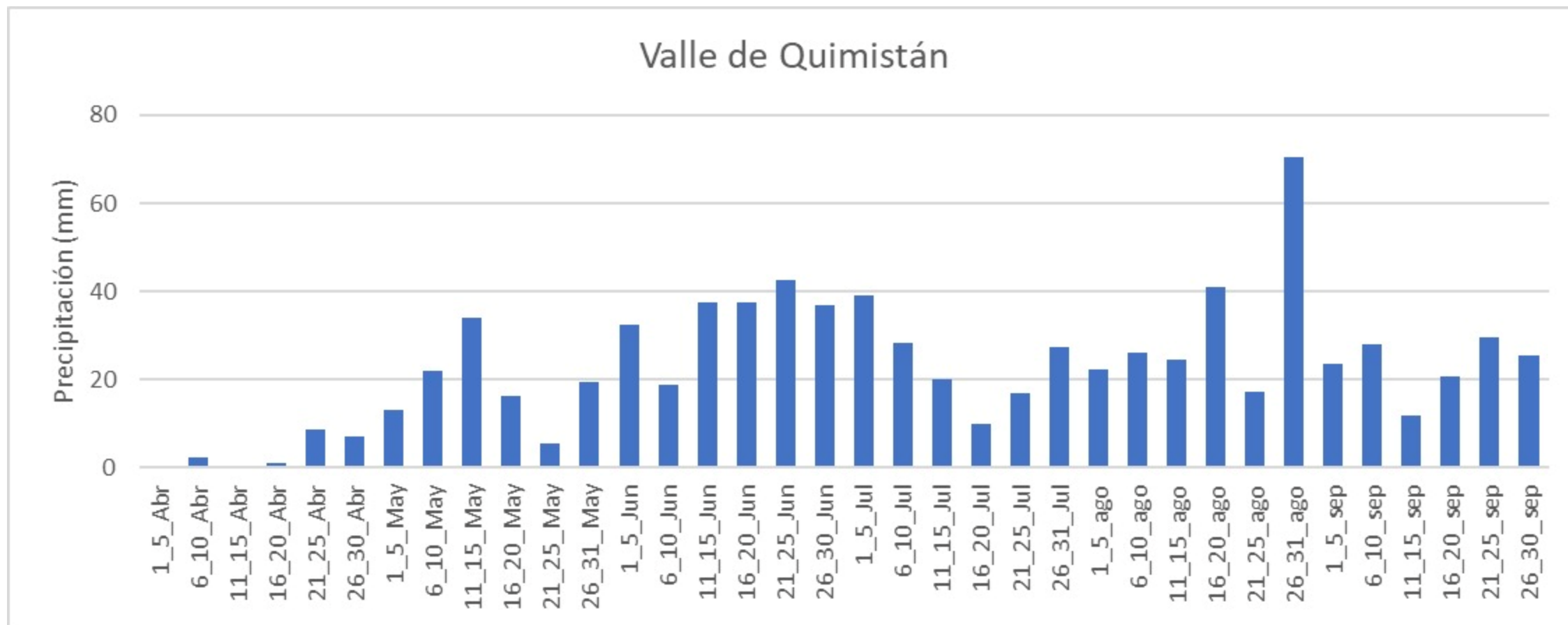
ZONA NORTE



Pronostico de lluvia en La Lima, 2023



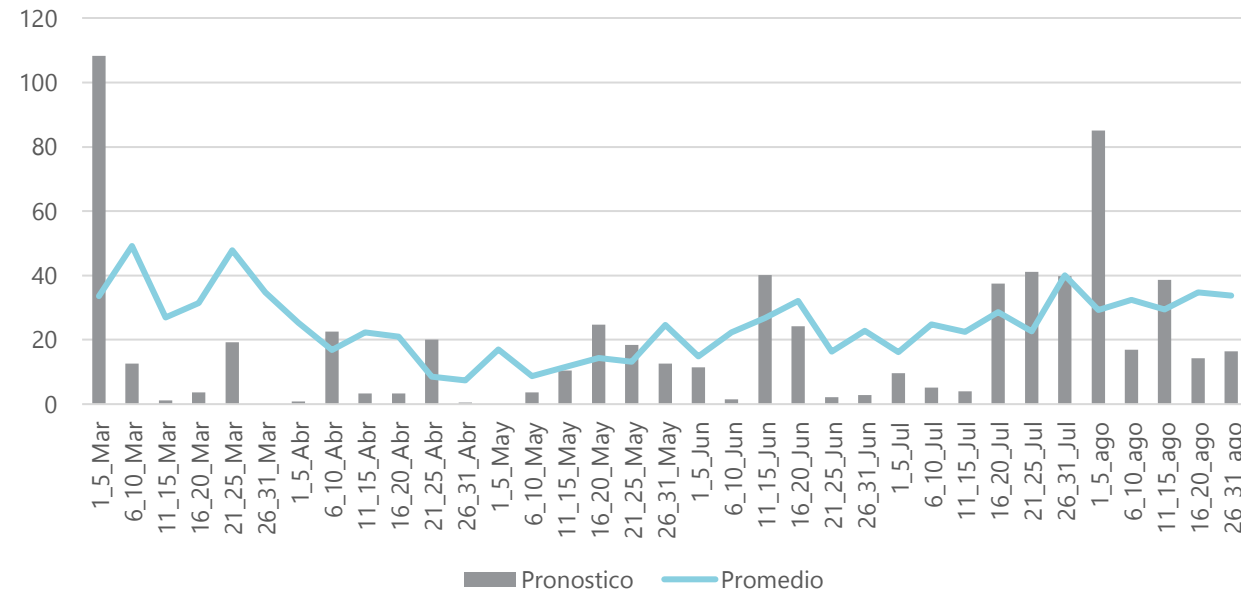
NOROCCIDENTE



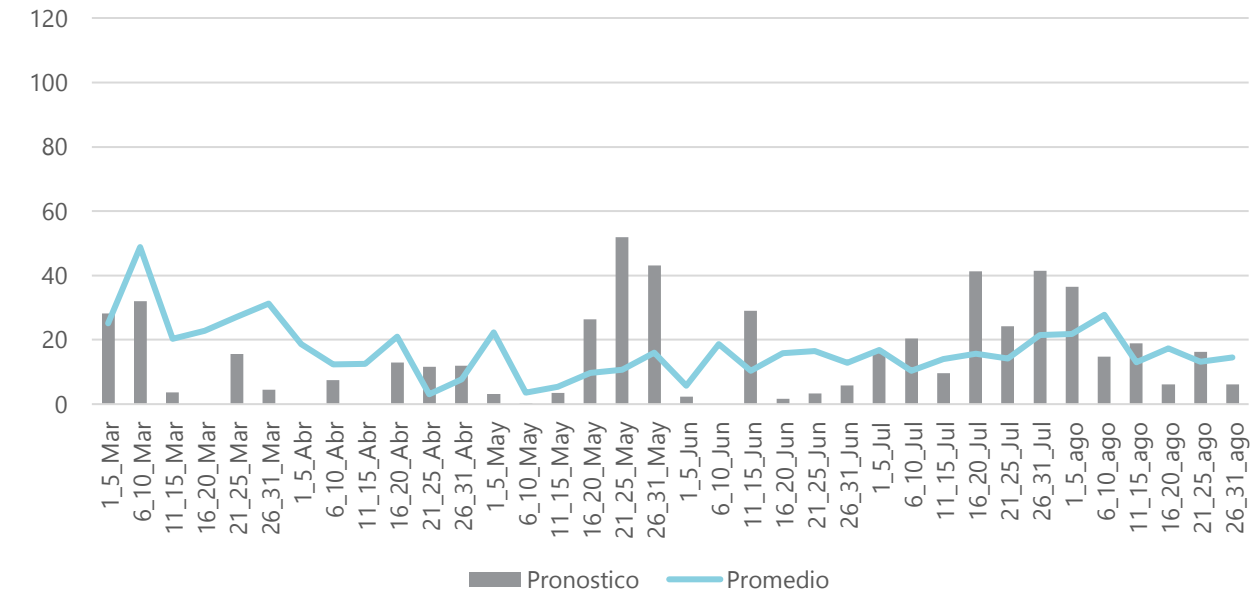
ZONA NORTE



Pronostico de Lluvia en La Ceiba, 2023



Pronostico de Lluvia (mm), Trujillo 2023

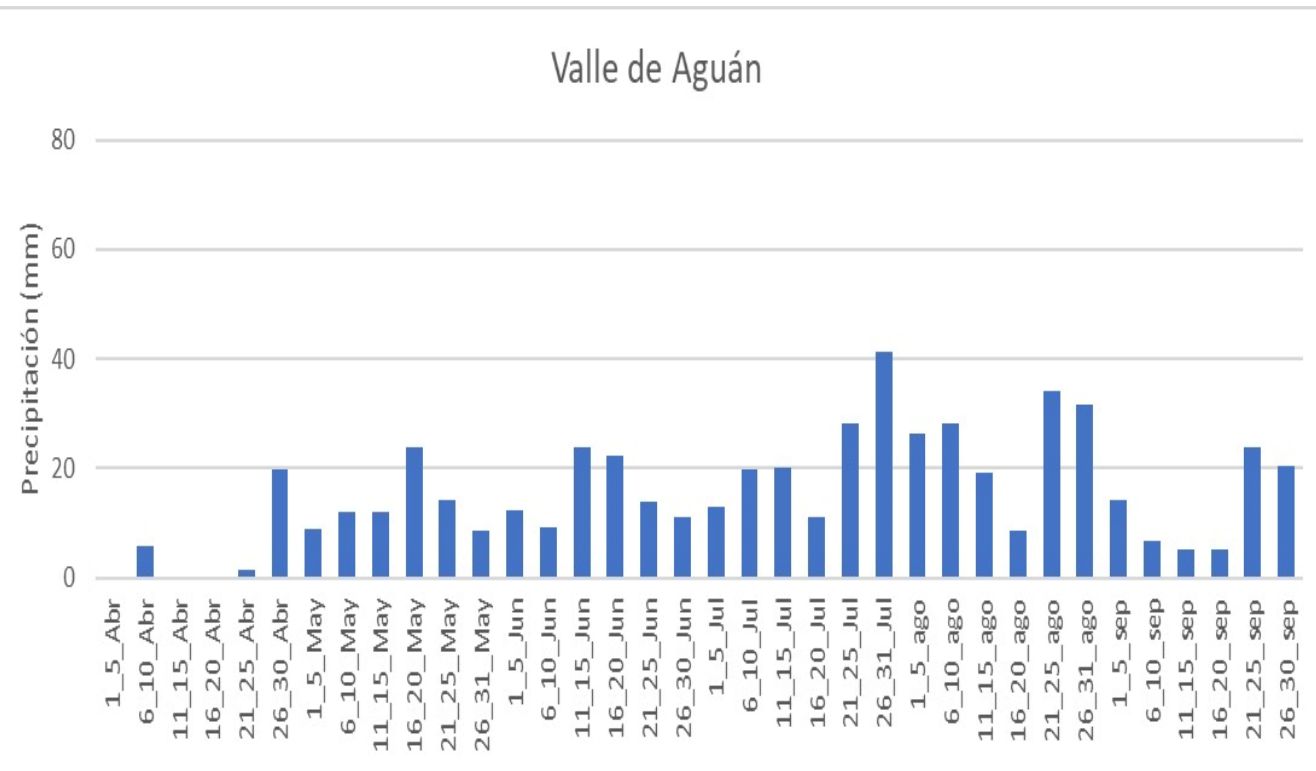


PRONÓSTICO DE PRECIPITACIÓN Feb – Ago 2023

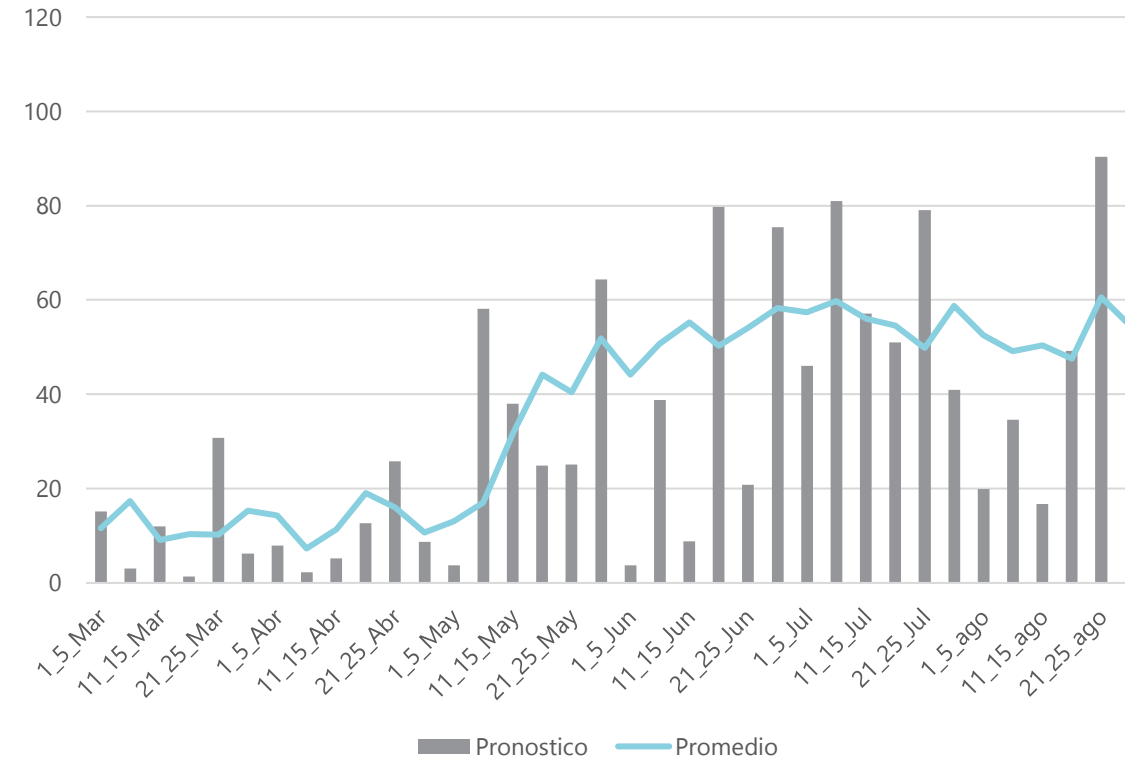


CENAOS

ZONA NOR ORIENTE

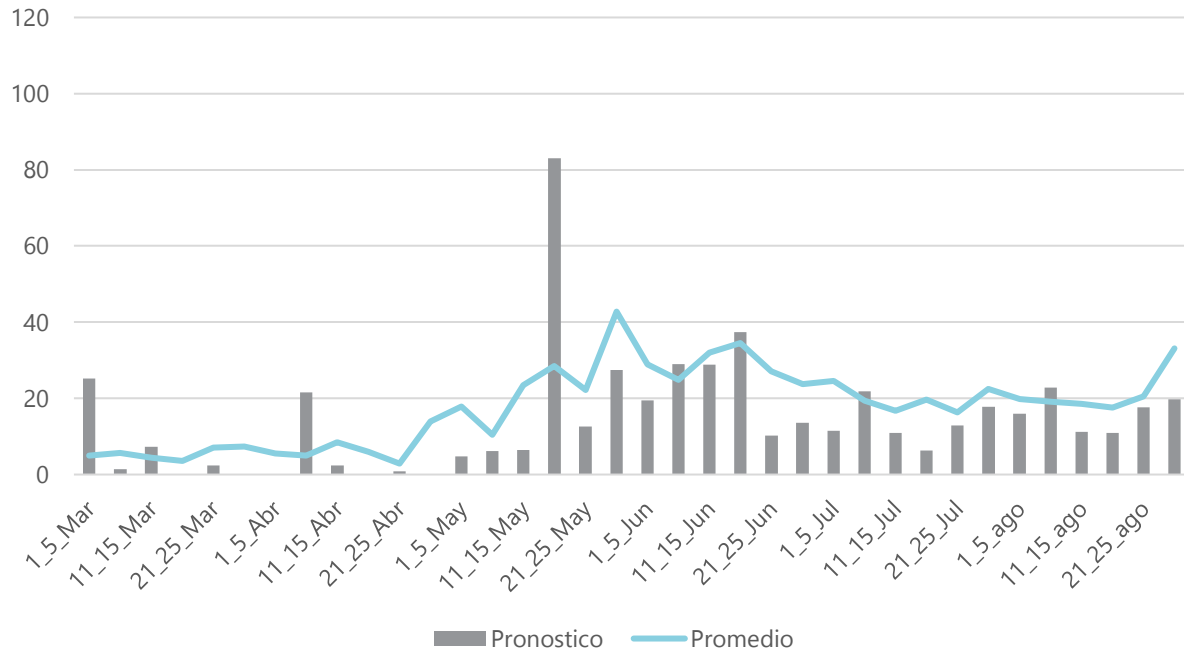


Pronostico de lluvia, Puerto Lempira, 2023

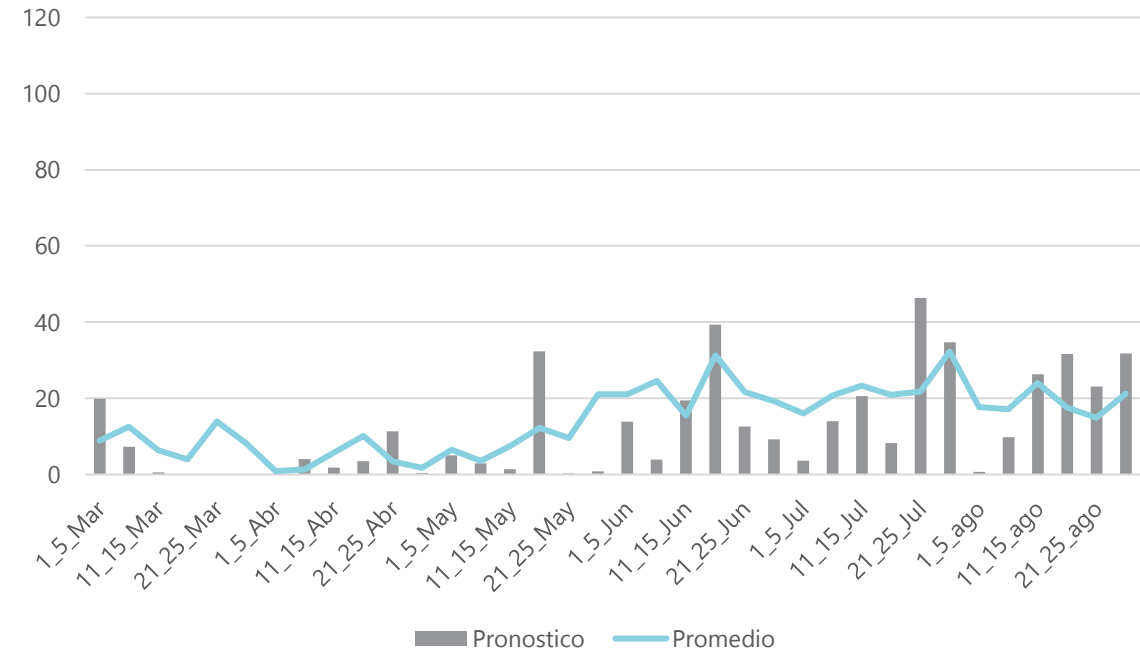


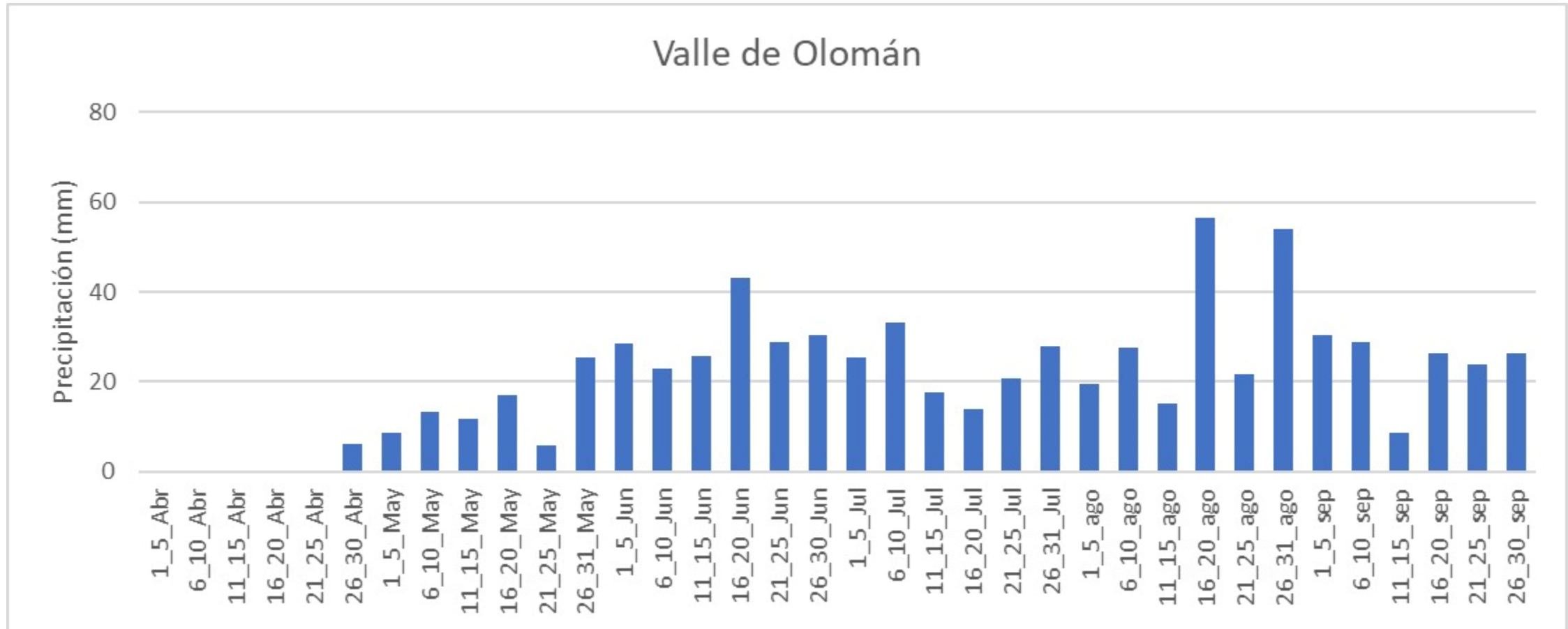
Yoro

Pronostico de Lluvia en Yoro, 2023



Pronostico de Lluvias en Olanchito (mm), 2023

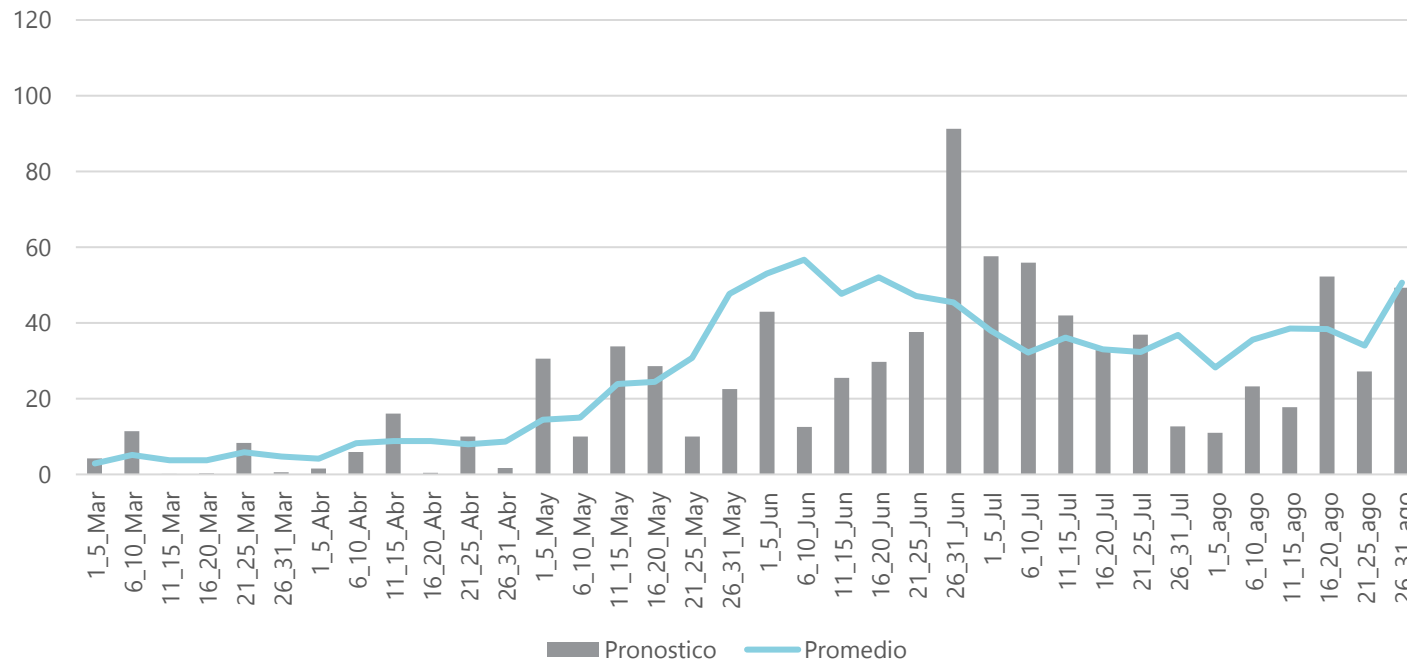




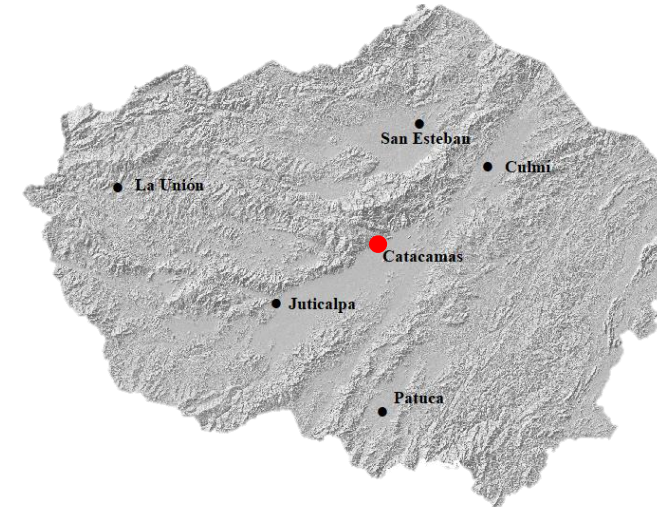
ZONA OCCIDENTAL



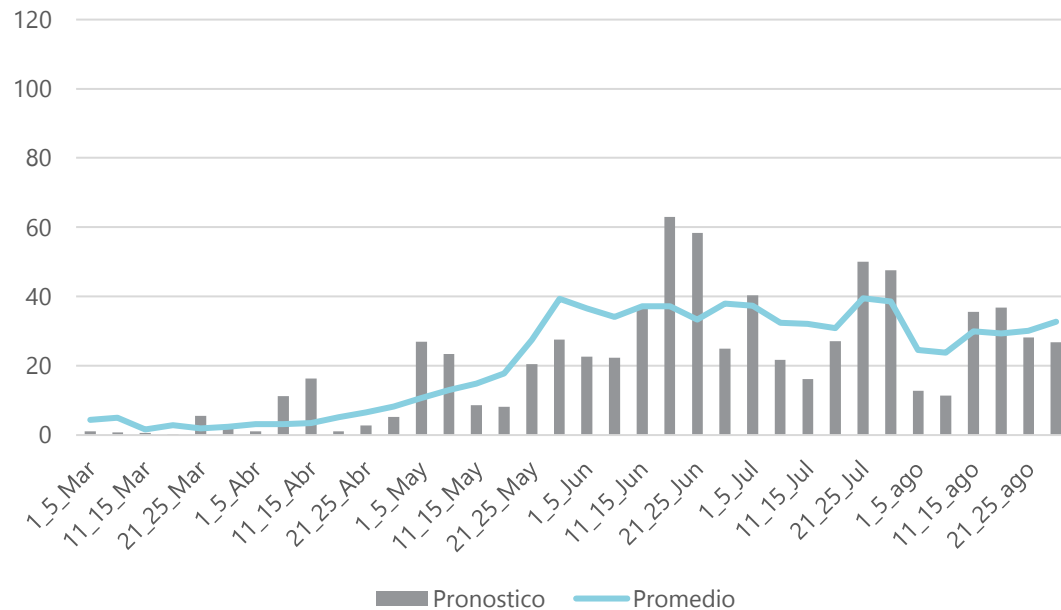
Pronostico de Lluvia en Santa Rosa de Copan, 2023



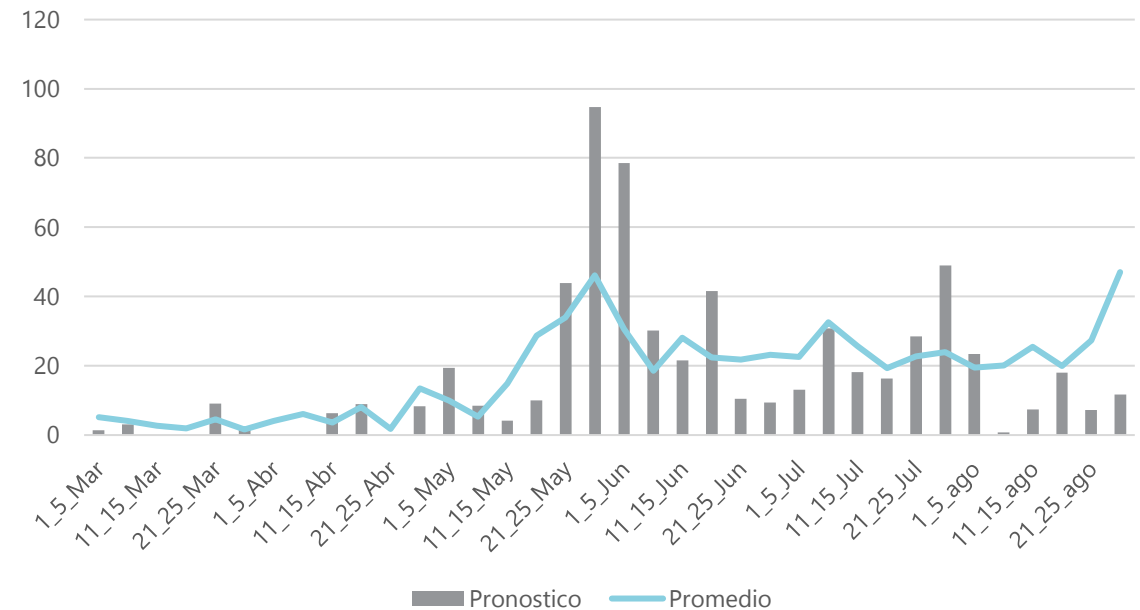
ZONA ORIENTAL



Pronostico de llluvias, Catacamas 2023



Pronostico de lluvia Lepagure (mm), 2023

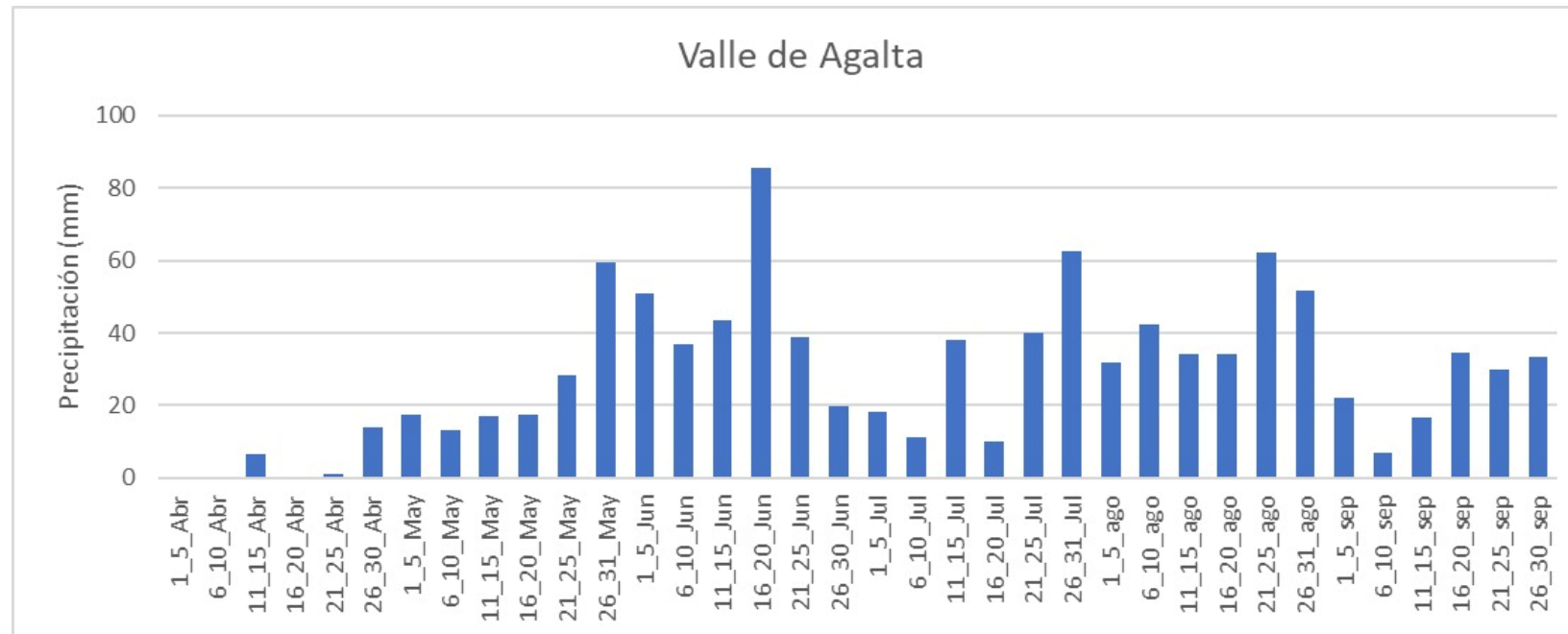
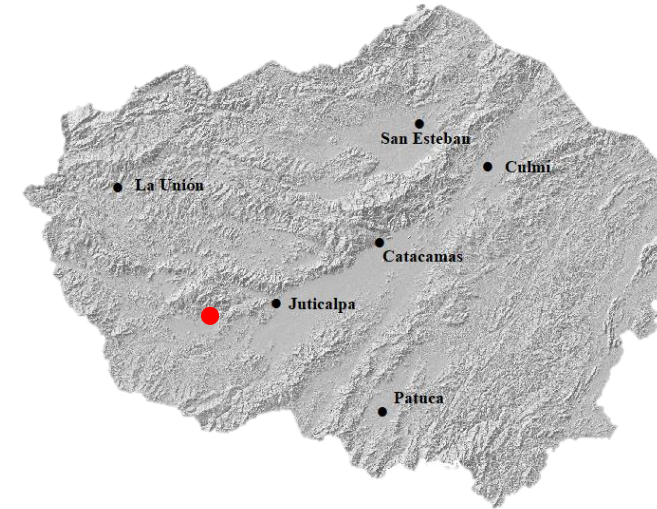


PRONÓSTICO DE PRECIPITACIÓN Feb – Ago 2023



CENAOS

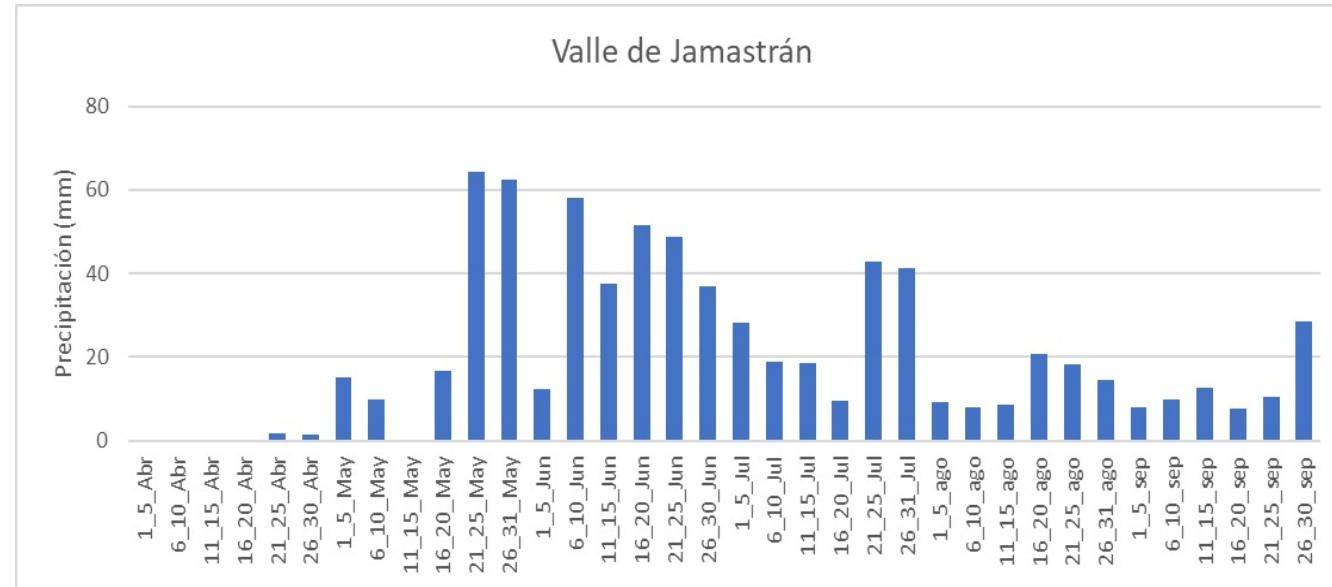
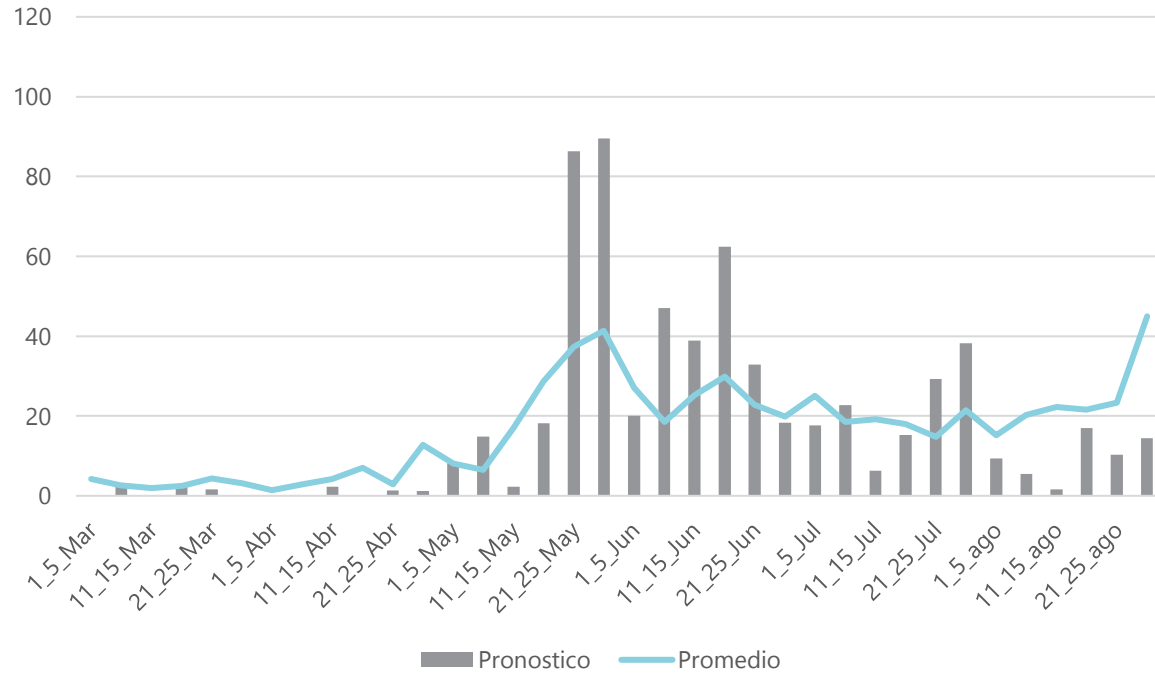
ZONA ORIENTAL



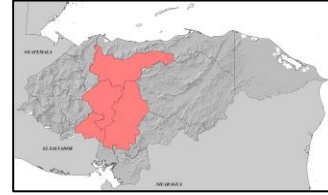
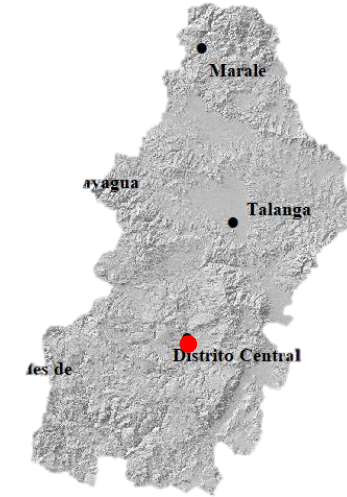
ZONA ORIENTAL



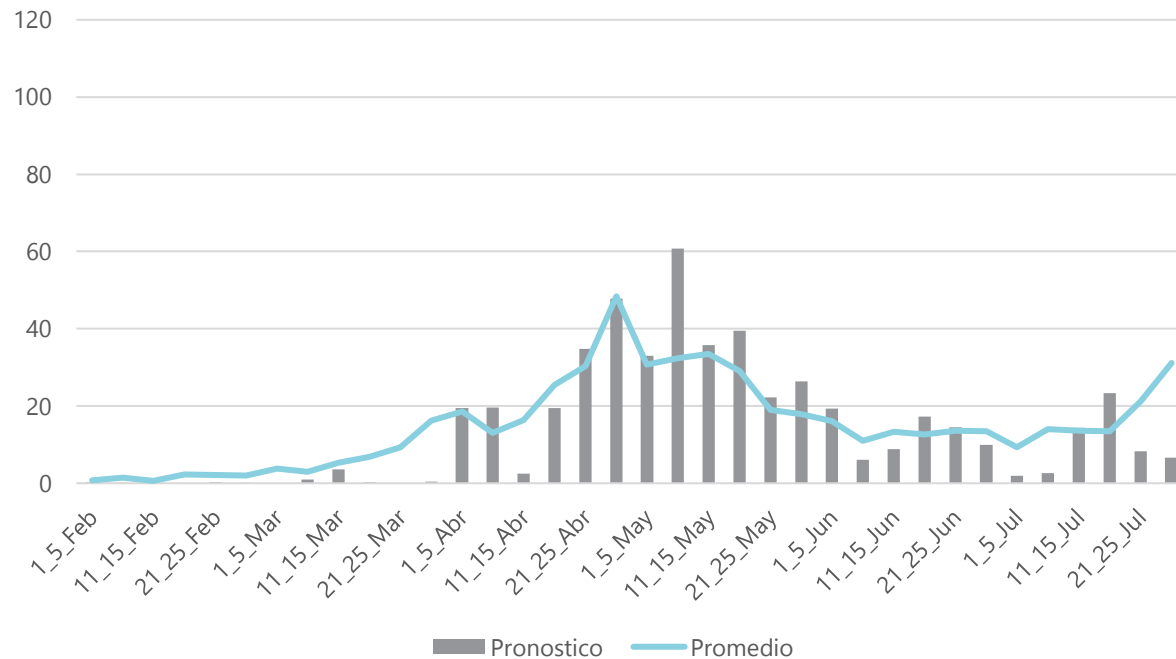
Pronostico de Lluvia en Jacaleapa 2023



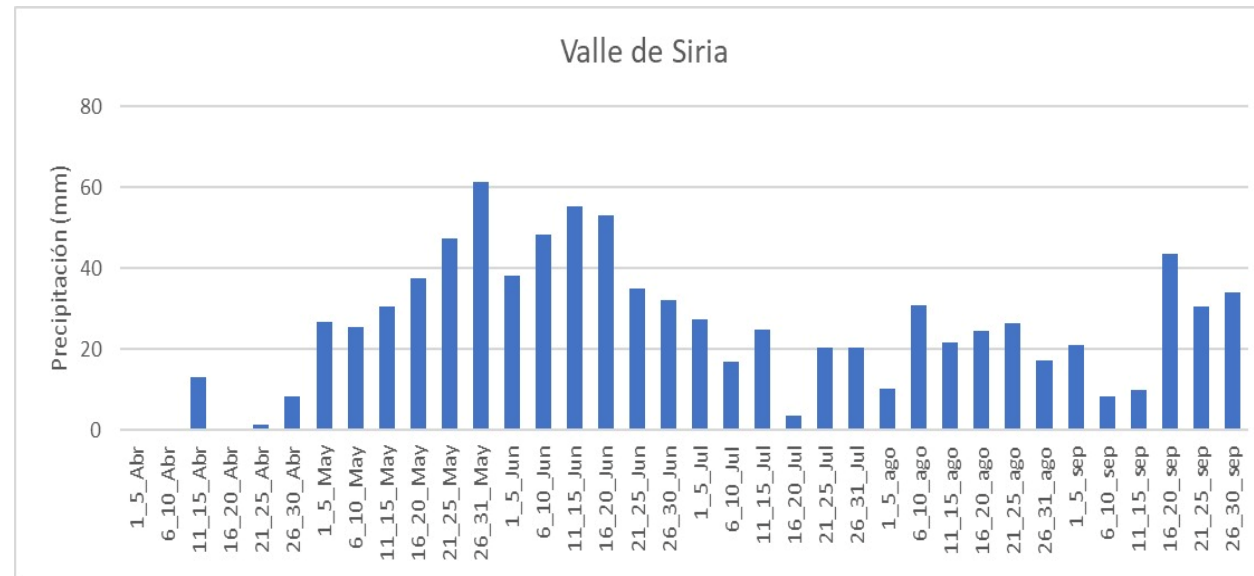
ZONA CENTRAL



Pronostico de lluvia 2023, Tegucigalpa

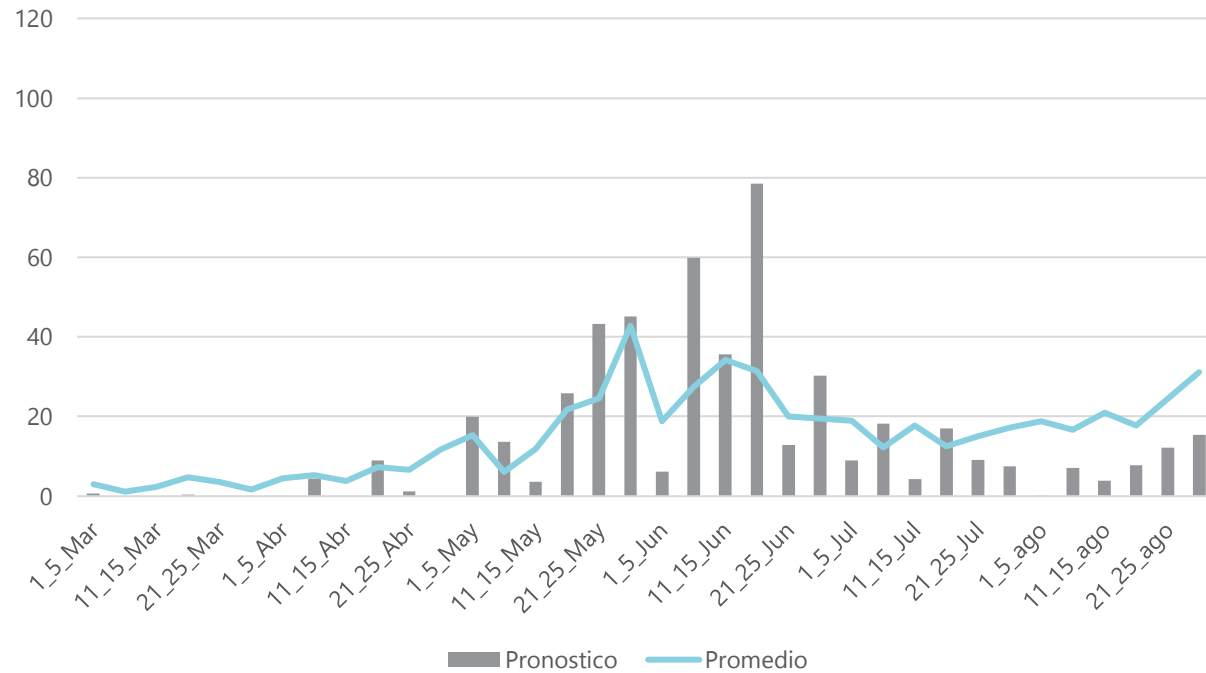


Valle de Siria

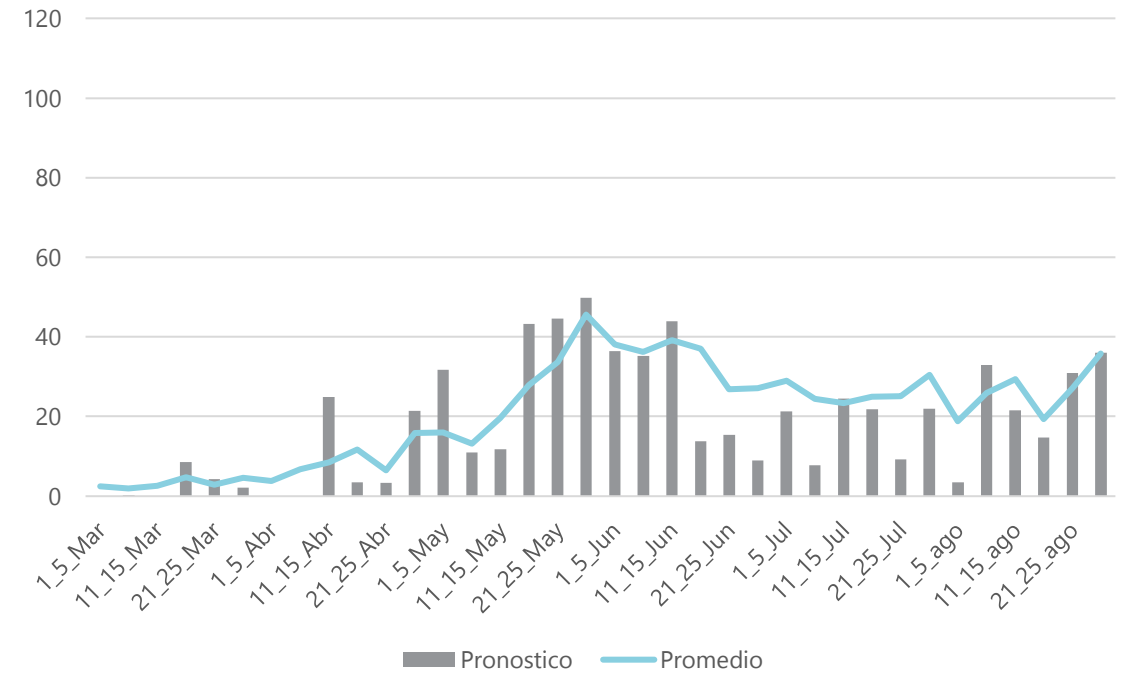


ZONA CENTRAL

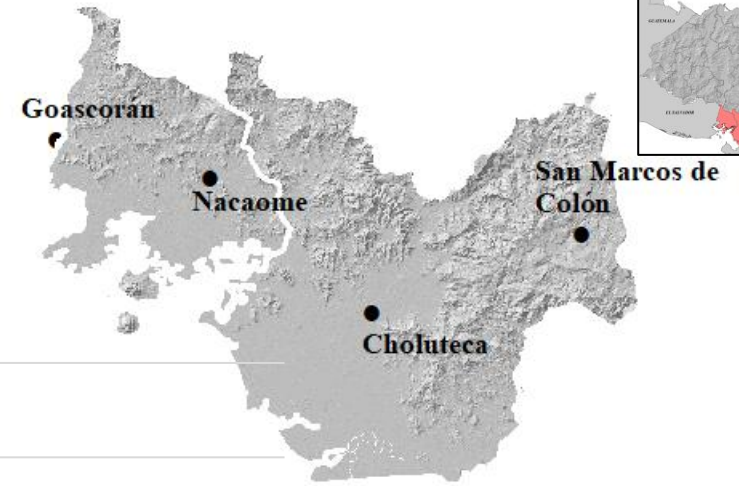
Pronóstico de precipitación (pentadías) de Flores



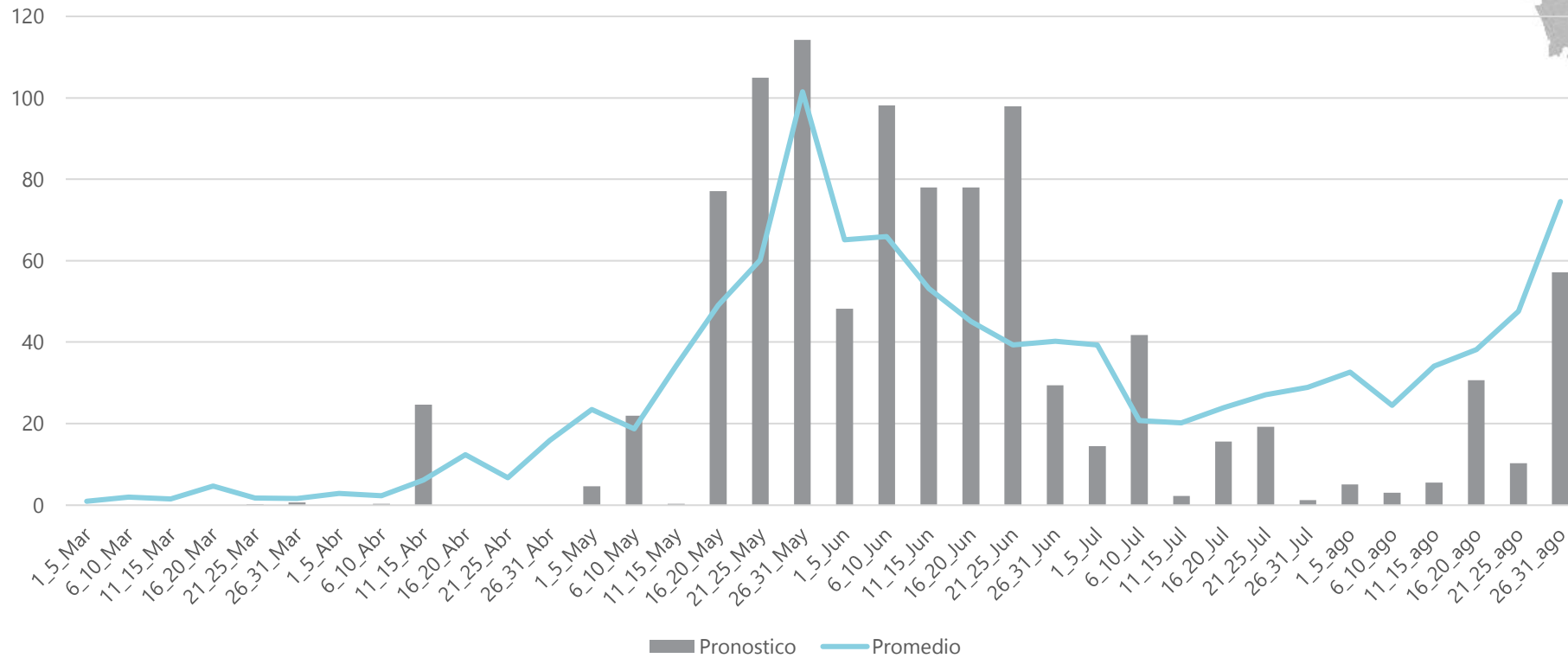
Pronostico de precipitacion Agua Caliente FM, 2023



ZONA SUR



Pronostico de lluvia Choluteca, 2023



North Atlantic ACE Index and System Numbers in 2023

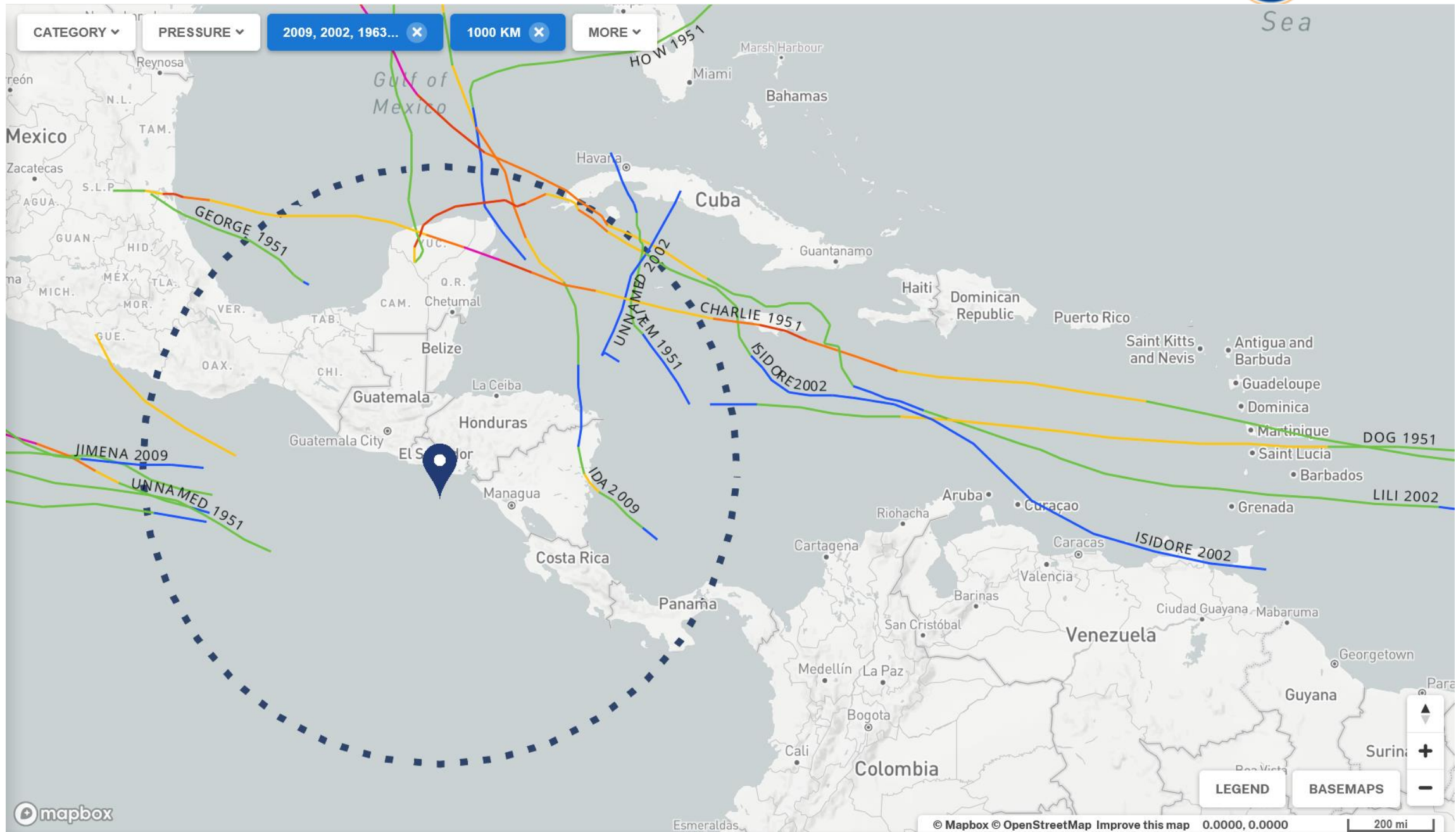
		<u>ACE Index</u>	<u>Intense Hurricanes</u>	<u>Hurricanes</u>	<u>Tropical Storms</u>
TSR Forecast	2023	104	3	6	13
73-yr Climate Norm	1950-2022	105	2.6	6.4	12.2
30-yr Climate Norm	1991-2020	122	3.2	7.2	14.4
10-yr Climate Norm	2013-2022	121	3.1	7.1	16.3
Forecast Skill at this Lead	2003-2022	0%	2%	0%	0%

- Key: ACE Index = Accumulated Cyclone Energy Index = Sum of the squares of 6-hourly maximum sustained wind speeds (in units of knots) for all systems while they are at least tropical storm strength. ACE unit = $\times 10^4$ knots².
- Intense Hurricane = 1 minute sustained wind > 95 kts = Hurricane category 3 to 5.
- Hurricane = 1 minute sustained wind > 63 kts = Hurricane category 1 to 5.
- Tropical Storm = 1 minute sustained wind > 33 kts.
- Forecast Skill = Percentage improvement in mean square error over running 10-year prior climate norm for the TSR publicly-released seasonal outlooks for the 20-years 2003-2022.

TEMPORADA CICLONICA ANALOGOS



CENAOS



GRACIAS POR SU ATENCIÓN

cenaos.copeco.gob.hn



Próxima actualización: 12 abril 2023