

Segundo Taller de Entrenamiento de la OMM RCC- Washington

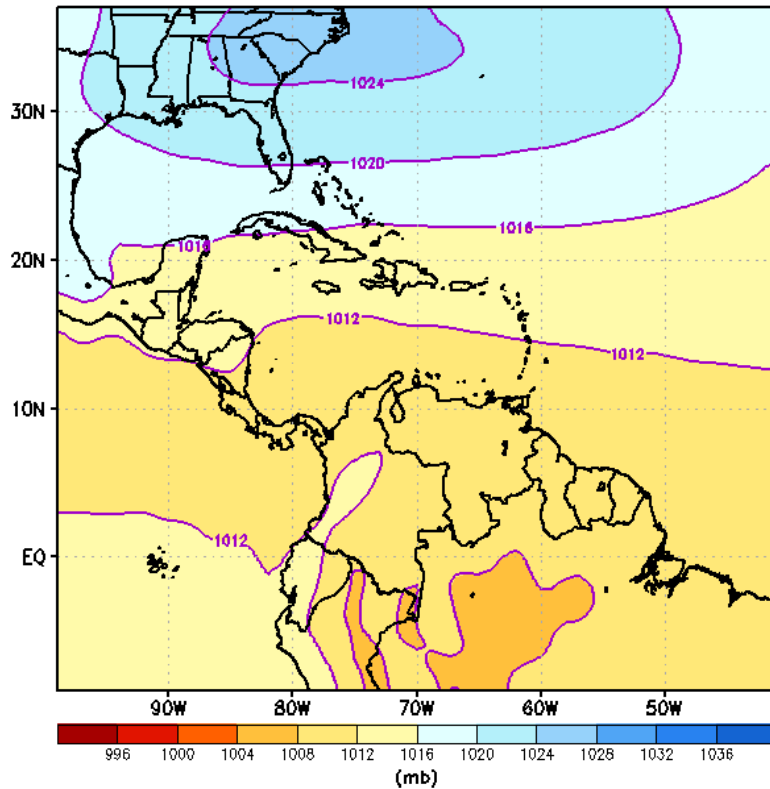
**Tiempo real de los pronósticos
extremos para la semana 2
de temperatura**

8 – 10 noviembre 2021

Presión Media al Nivel del Mar

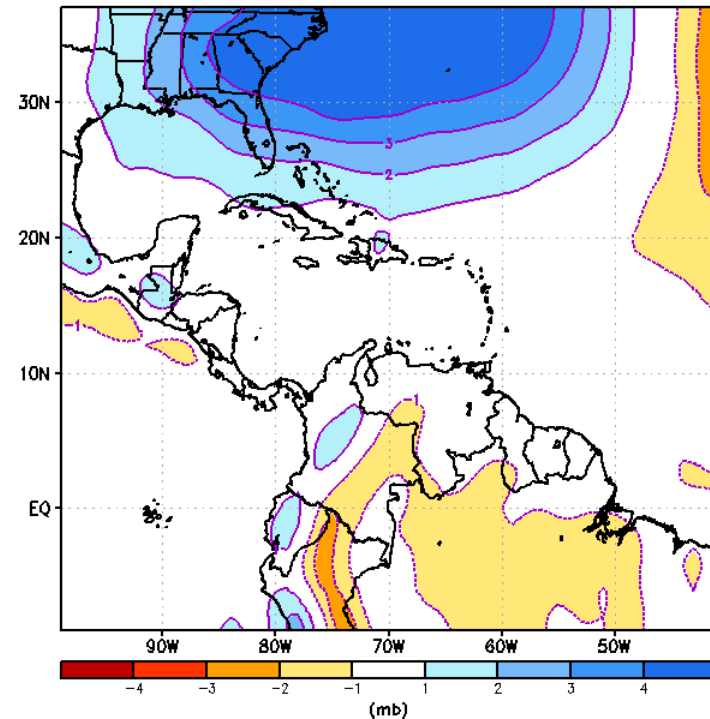
Total

GEFS Week-2 Mean Sea Level Pressure Total
Valid: 20210820 - 20211123



Anomalía

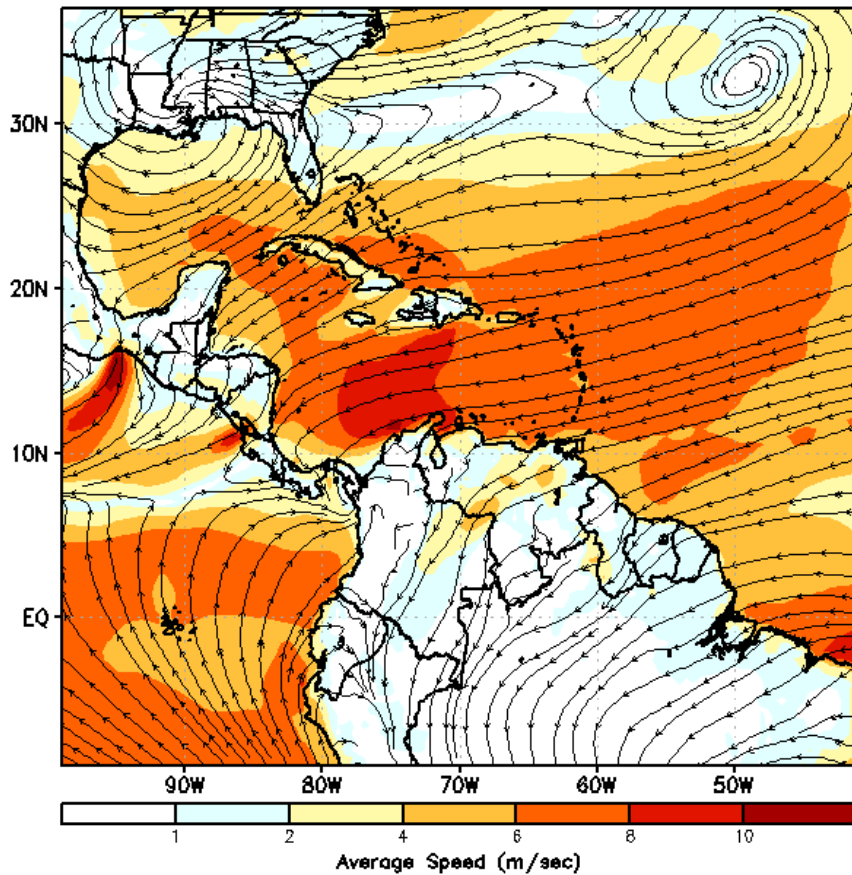
GEFS Week-2 Mean Sea Level Pressure Anomaly
Valid: 20210820 - 20211123



Vientos a 10 m de Altura

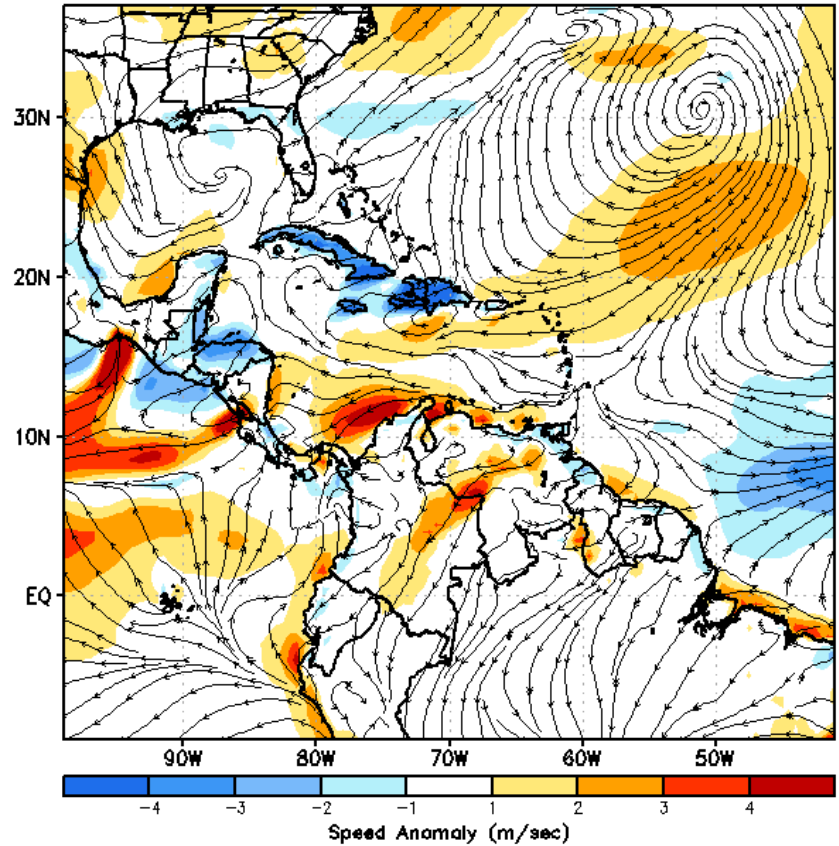
Total

GEFS Week-2 10m Wind Speed Total
Valid: 20210820 - 20211123



Anomalía

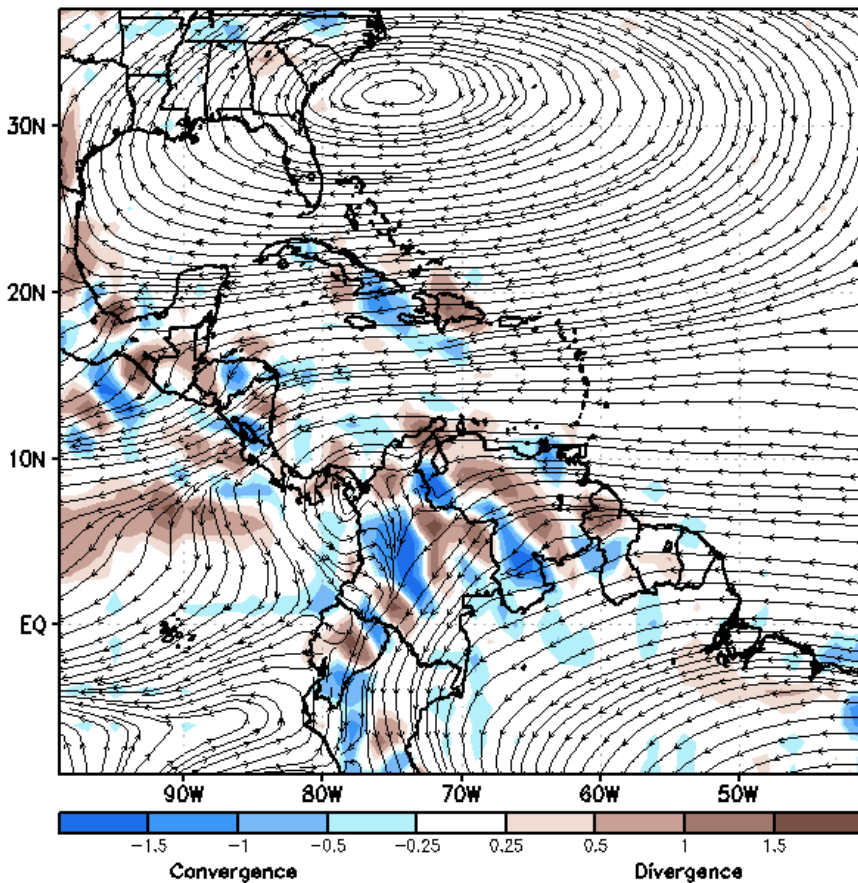
GEFS Week-2 10m Wind Speed Anomaly
Valid: 20210820 - 20211123



Vientos a 850 hPa

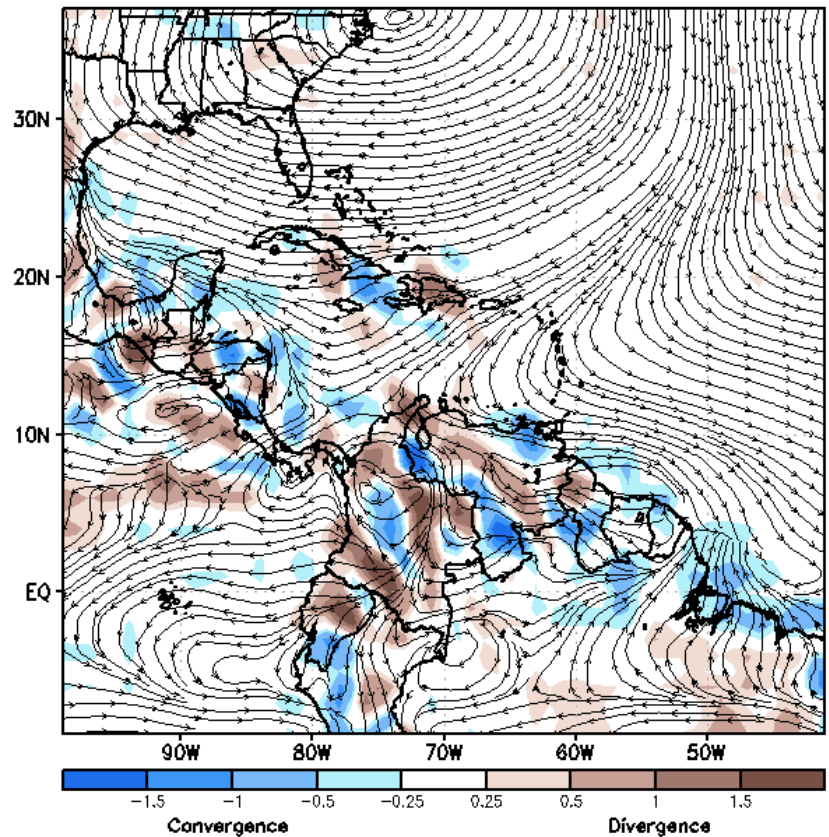
Total

GEFS Week-2 850-hPa Divergence and Wind Total
Valid: 20210820 - 20211123



Anomalía

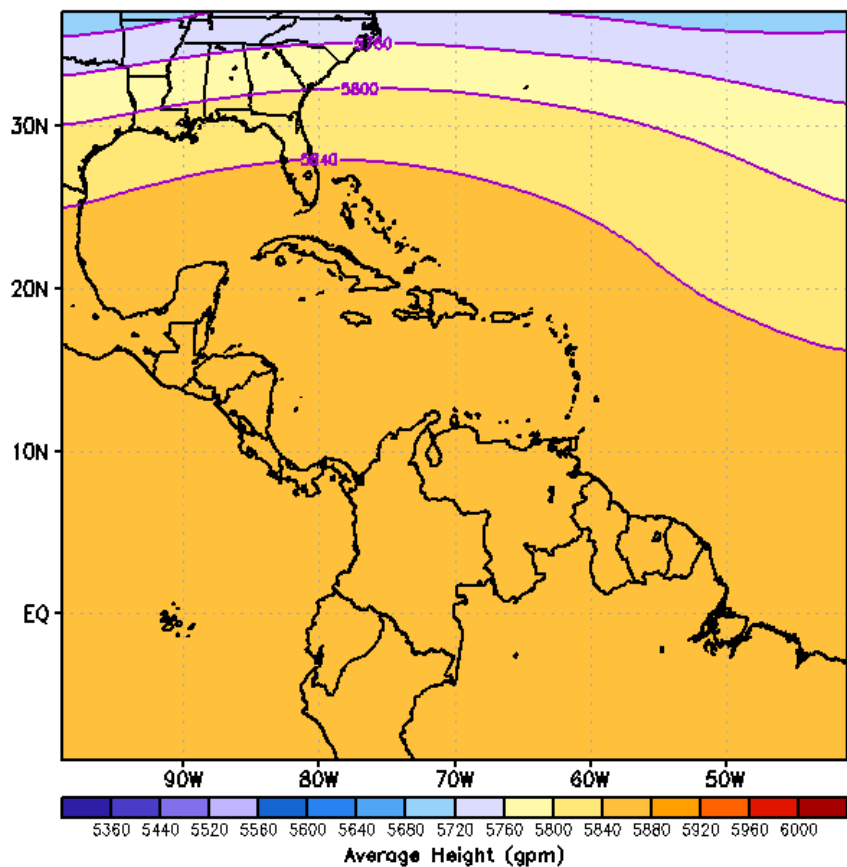
GEFS Week-2 850-hPa Divergence and Wind Anomaly
Valid: 20210820 - 20211123



Altura Geopotencial a 500 hPa

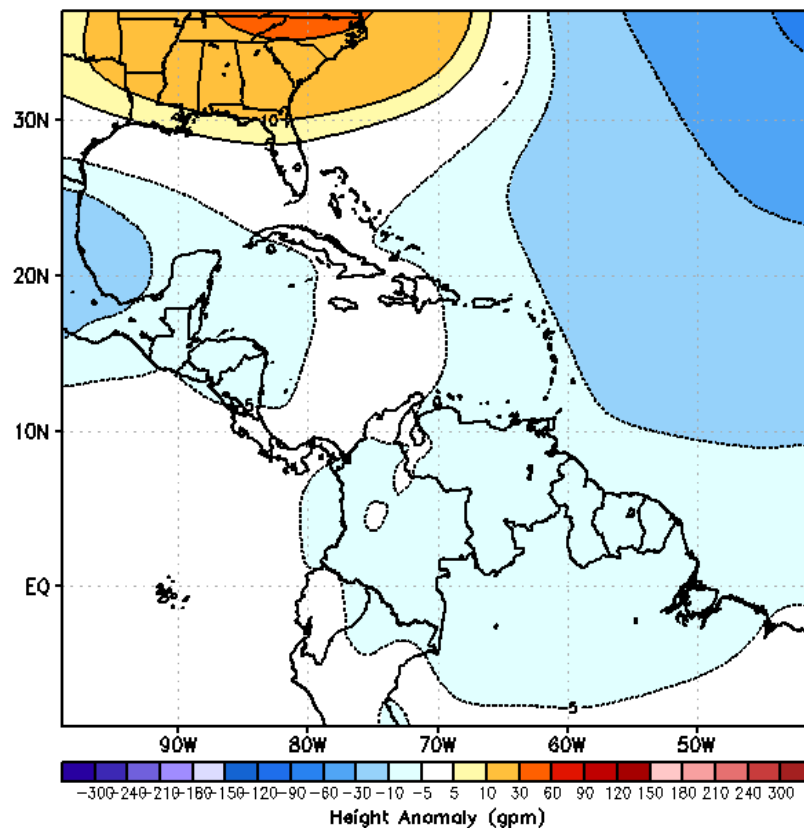
Total

GEFS Week-2 500-hPa Geo-Potential Height Total
Valid: 20210820 - 20211123



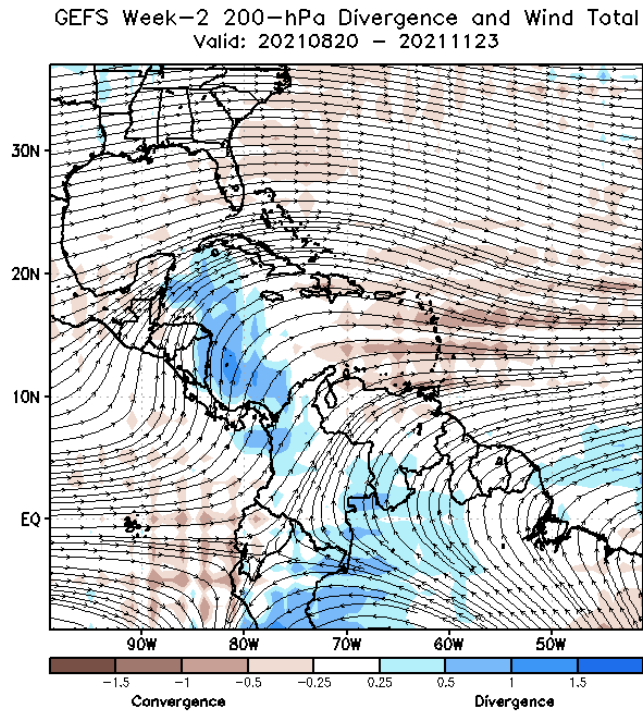
Anomalía

GEFS Week-2 500-hPa Geo-Potential Height Anomaly
Valid: 20210820 - 20211123



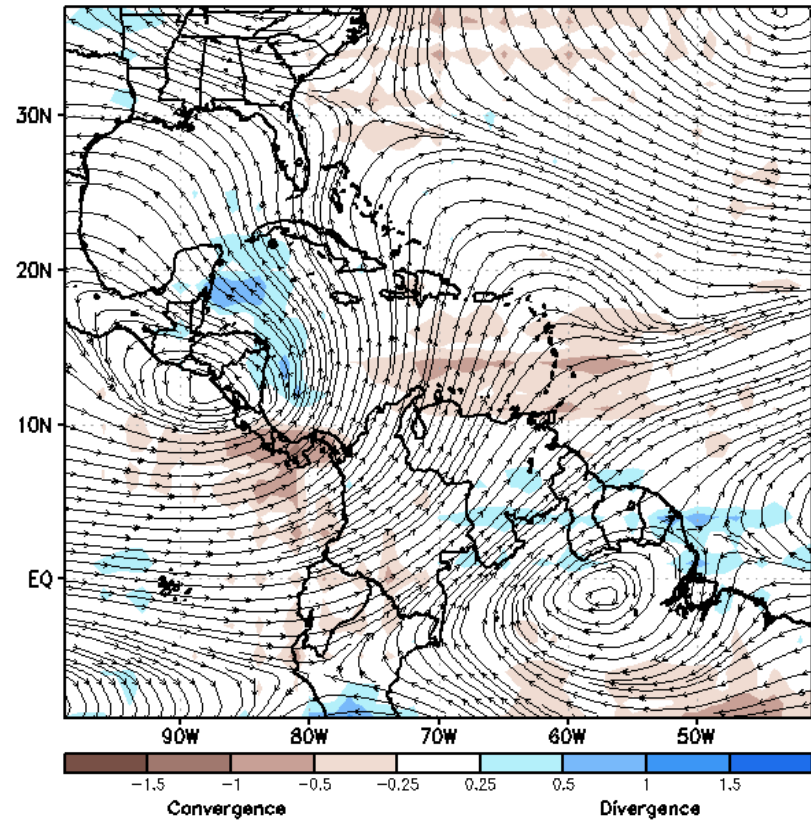
Vientos a 200 hPa

Total



Anomalía

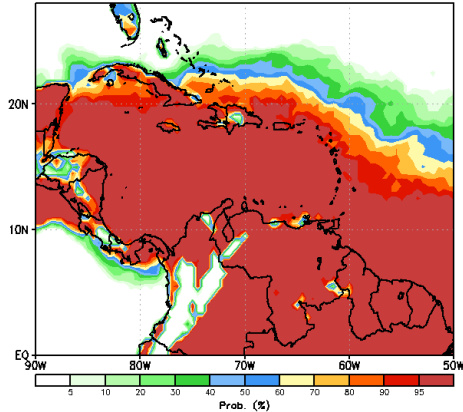
GEFS Week-2 200-hPa Divergence and Wind Anomaly
Valid: 20210820 - 20211123



Tmax: Pronósticos de Probabilidad de Excedencia para al menos 2 Días Consecutivos

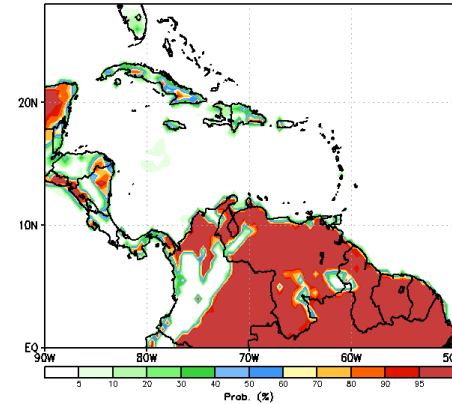
$\geq 35^{\circ}\text{C}$

GEFS Week-2 Tmax Exceedance Prob. ≥ 35 Cels.
>=2 Consec. Days, Valid: 20210820 - 20211123



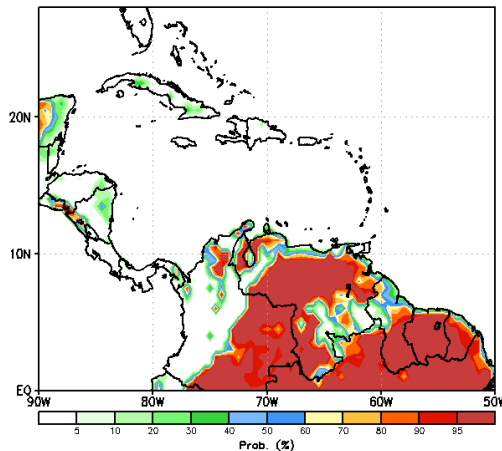
$\geq 37^{\circ}\text{C}$

GEFS Week-2 Tmax Exceedance Prob. ≥ 37 Cels.
>=2 Consec. Days, Valid: 20210820 - 20211123



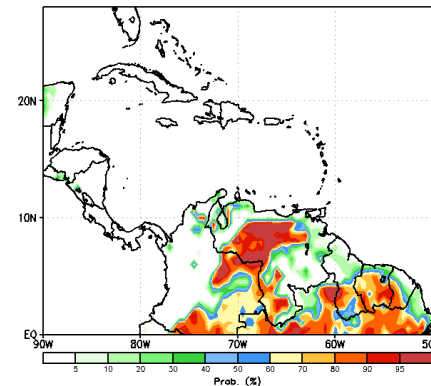
$\geq 39^{\circ}\text{C}$

GEFS Week-2 Tmax Exceedance Prob. ≥ 39 Cels.
>=2 Consec. Days, Valid: 20210820 - 20211123



$\geq 41^{\circ}\text{C}$

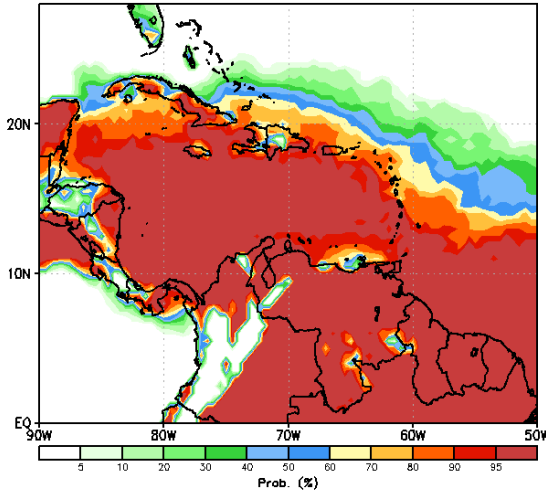
GEFS Week-2 Tmax Exceedance Prob. ≥ 41 Cels.
>=2 Consec. Days, Valid: 20210820 - 20211123



Tmax: Pronósticos de Probabilidad de Excedencia para al menos 3 Días Consecutivos

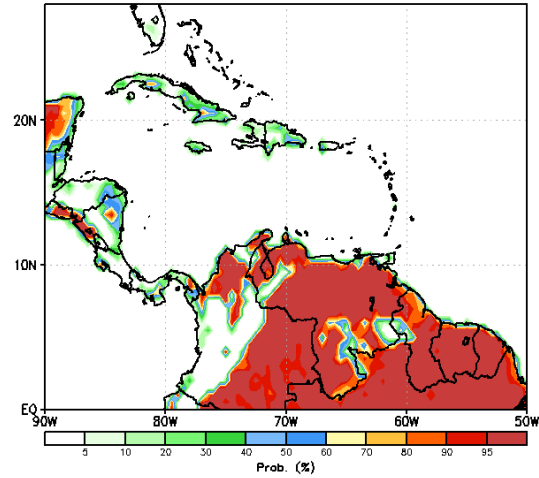
$\geq 35^{\circ}\text{C}$

GEFS Week-2 Tmax Exceedance Prob. ≥ 35 Cels.
>=3 Consec. Days, Valid: 20210820 - 20211123



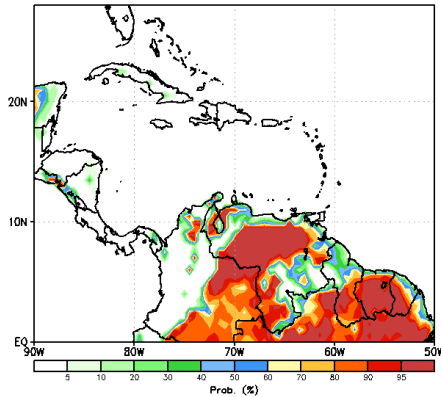
$\geq 37^{\circ}\text{C}$

GEFS Week-2 Tmax Exceedance Prob. ≥ 37 Cels.
>=3 Consec. Days, Valid: 20210820 - 20211123



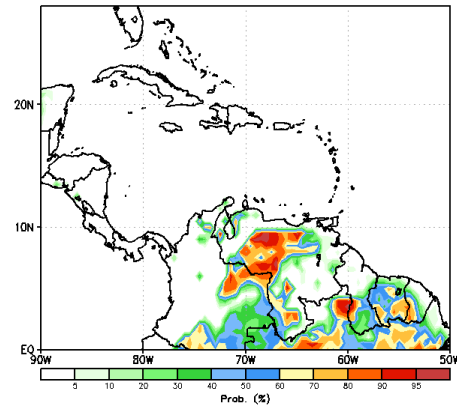
$\geq 39^{\circ}\text{C}$

GEFS Week-2 Tmax Exceedance Prob. ≥ 39 Cels.
>=3 Consec. Days, Valid: 20210820 - 20211123



$\geq 41^{\circ}\text{C}$

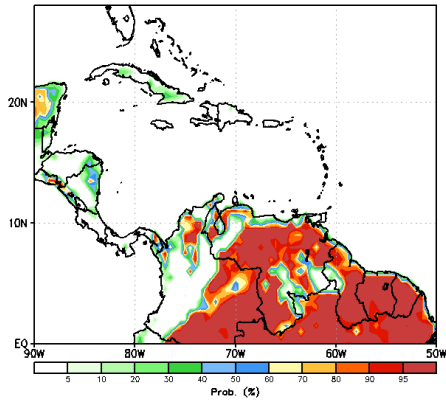
GEFS Week-2 Tmax Exceedance Prob. ≥ 41 Cels.
>=3 Consec. Days, Valid: 20210820 - 20211123



HI: Pronósticos de Probabilidad de Excedencia para al menos 2 Días Consecutivos

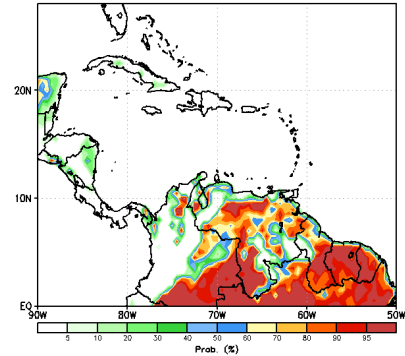
$\geq 41^{\circ}\text{C}$

GEFS Week-2 HI Exceedance Prob. ≥ 41 Deg. Cels.
>=2 Consec. Days, Valid: 20210820 - 20211123



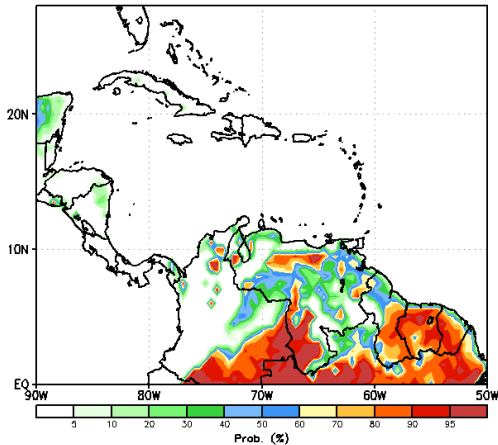
$\geq 43^{\circ}\text{C}$

GEFS Week-2 HI Exceedance Prob. ≥ 43 Deg. Cels.
>=2 Consec. Days, Valid: 20210820 - 20211123



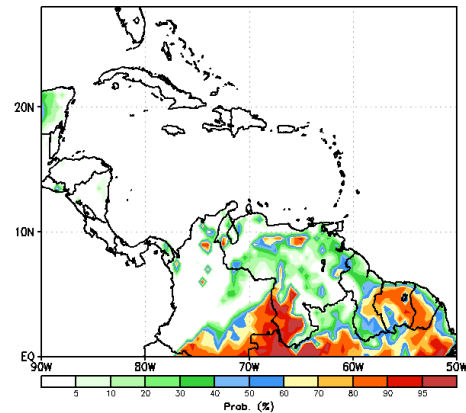
$\geq 45^{\circ}\text{C}$

GEFS Week-2 HI Exceedance Prob. ≥ 45 Deg. Cels.
>=2 Consec. Days, Valid: 20210820 - 20211123



$\geq 47^{\circ}\text{C}$

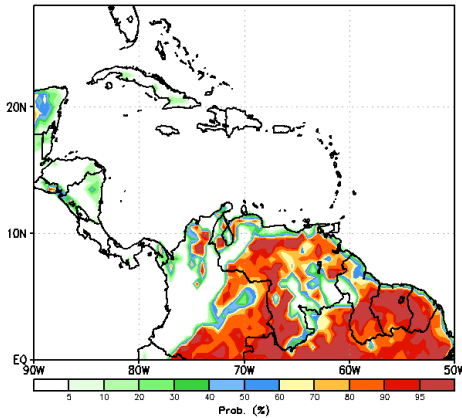
GEFS Week-2 HI Exceedance Prob. ≥ 47 Deg. Cels.
>=2 Consec. Days, Valid: 20210820 - 20211123



HI: Pronósticos de Probabilidad de Excedencia para al menos 3 Días Consecutivos

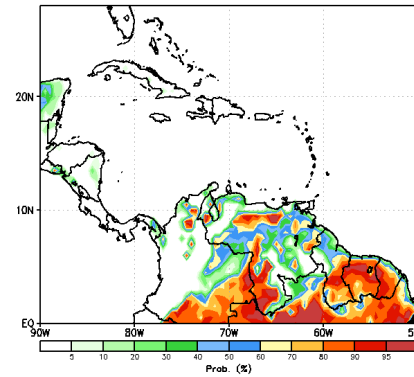
$\geq 41^{\circ}\text{C}$

GEFS Week-2 HI Exceedance Prob. ≥ 41 Deg. Cels.
>=3 Consec. Days, Valid: 20210820 - 20211123



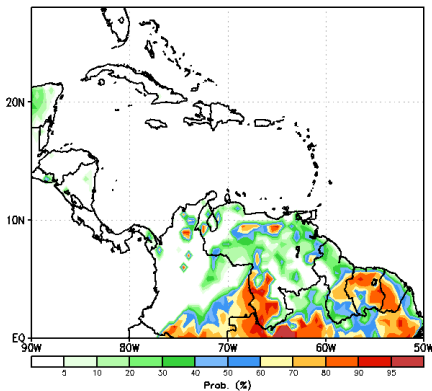
$\geq 43^{\circ}\text{C}$

GEFS Week-2 HI Exceedance Prob. ≥ 43 Deg. Cels.
>=3 Consec. Days, Valid: 20210820 - 20211123



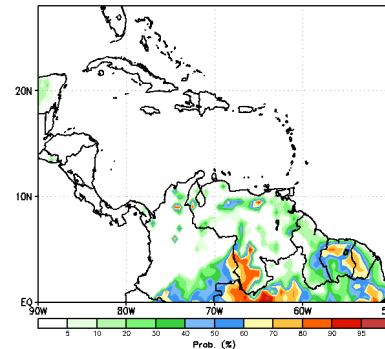
$\geq 45^{\circ}\text{C}$

GEFS Week-2 HI Exceedance Prob. ≥ 45 Deg. Cels.
>=3 Consec. Days, Valid: 20210820 - 20211123



$\geq 47^{\circ}\text{C}$

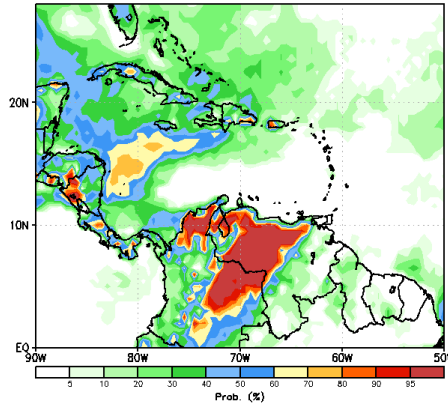
GEFS Week-2 HI Exceedance Prob. ≥ 47 Deg. Cels.
>=3 Consec. Days, Valid: 20210820 - 20211123



Tmax: Pronósticos de Probabilidad de Excedencia con respecto a los umbrales fijos para al menos 2 Días Consecutivos

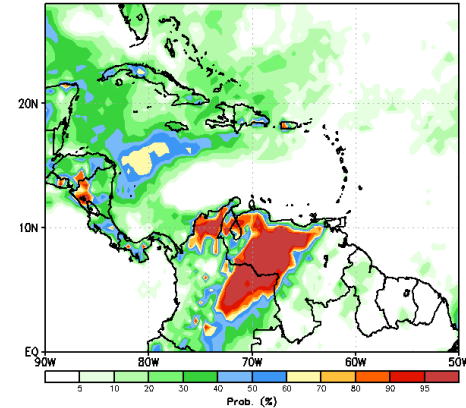
$\geq 80^{\text{avo}}$ percentile

GEFS Week-2 Tmax Exceedance Prob. $\geq 80^{\text{th}}$ Pctl.
>=2 Consec. Days, Valid: 20210820 - 20211123



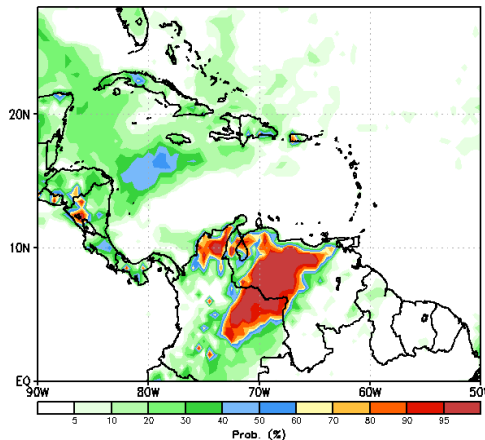
$\geq 85^{\text{avo}}$ percentile

GEFS Week-2 Tmax Exceedance Prob. $\geq 85^{\text{th}}$ Pctl.
>=2 Consec. Days, Valid: 20210820 - 20211123



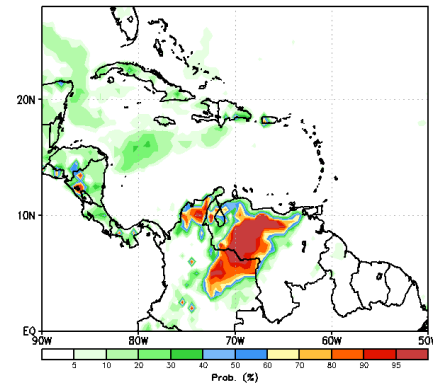
$\geq 90^{\text{avo}}$ percentile

GEFS Week-2 Tmax Exceedance Prob. $\geq 90^{\text{th}}$ Pctl.
>=2 Consec. Days, Valid: 20210820 - 20211123



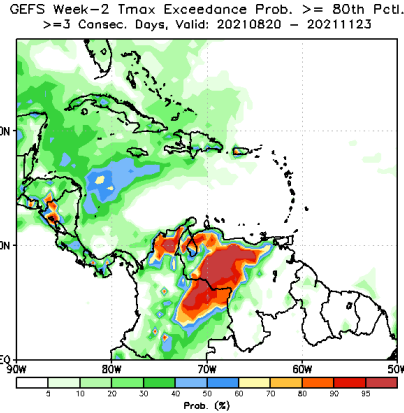
$\geq 95^{\text{avo}}$ percentile

GEFS Week-2 Tmax Exceedance Prob. $\geq 95^{\text{th}}$ Pctl.
>=2 Consec. Days, Valid: 20210820 - 20211123

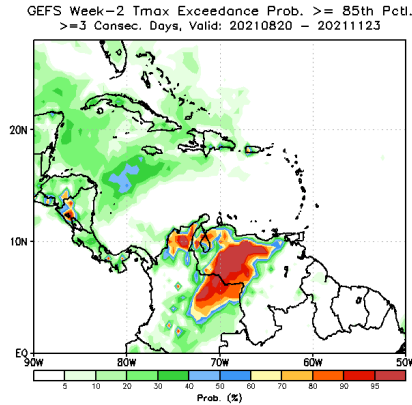


Tmax: Pronósticos de Probabilidad de Excedencia con respecto a los umbrales fijos para al menos 3 Días Consecutivos

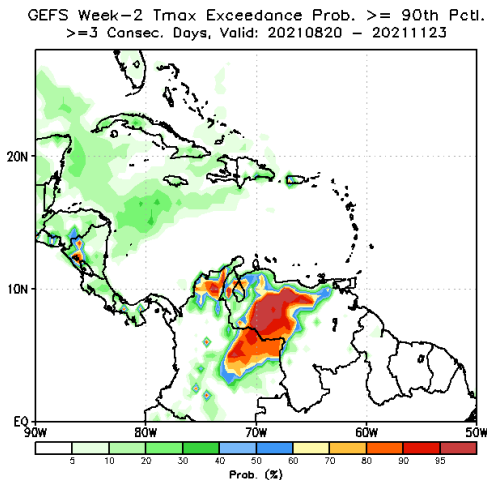
$\geq 80^{\text{avo}}$ percentile



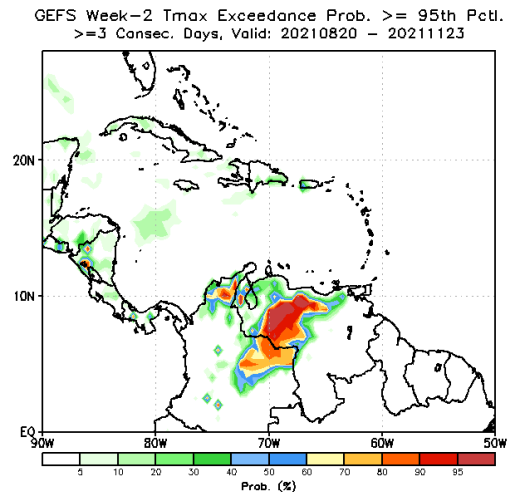
$\geq 85^{\text{avo}}$ percentile



$\geq 90^{\text{avo}}$ percentile



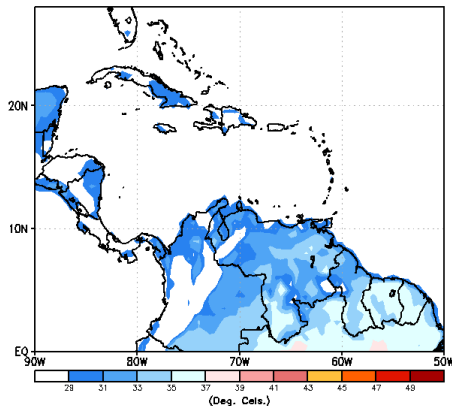
$\geq 95^{\text{avo}}$ percentile



Tmax: Percentiles Climatológicos

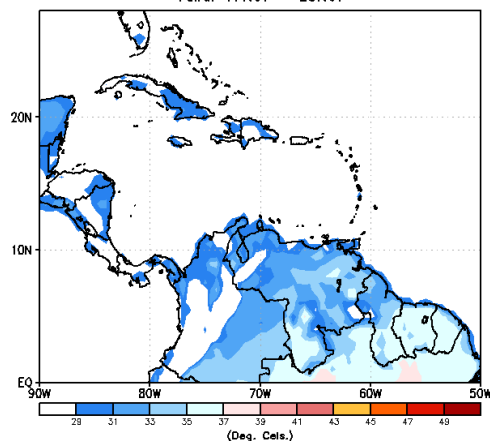
80^{avo} percentile

GEFS Tmax 80th . Model Climo.
Valid: 17Nov - 23Nov



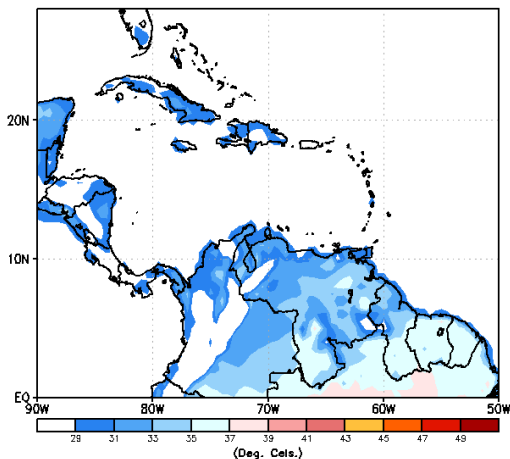
85^{avo} percentile

GEFS Tmax 85th . Model Climo.
Valid: 17Nov - 23Nov



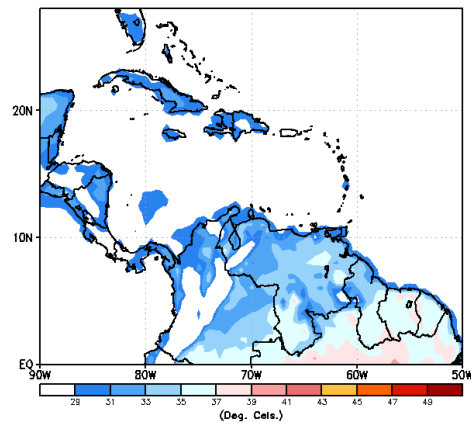
90^{avo} percentile

GEFS Tmax 90th . Model Climo.
Valid: 17Nov - 23Nov



95^{avo} percentile

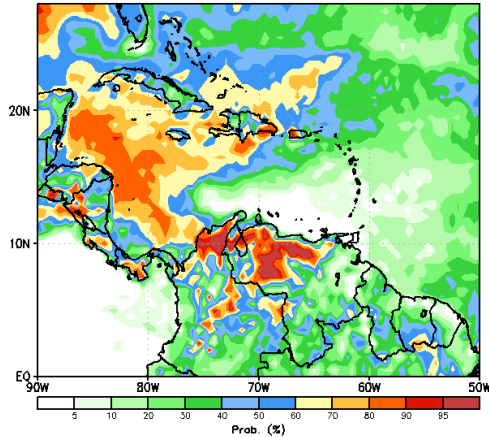
GEFS Tmax 95th . Model Climo.
Valid: 17Nov - 23Nov



HI: Pronósticos de Probabilidad de Excedencia con respecto al Percentil para al menos 2 Días Consecutivos

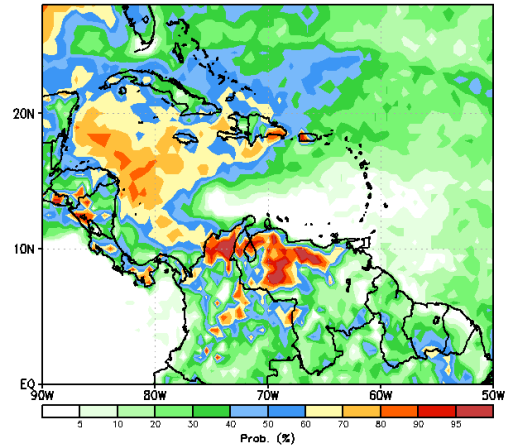
$\geq 80^{\text{avo}}$ percentile

GEFS Week-2 HI Exceedance Prob. \geq 80th Pctl.
>=2 Consec. Days, Valid: 20210820 - 20211123



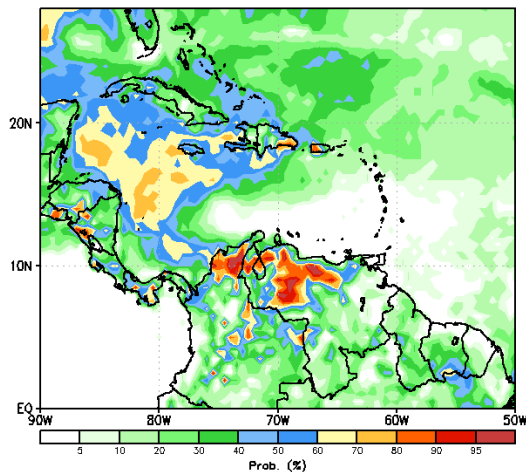
$\geq 85^{\text{avo}}$ percentile

GEFS Week-2 HI Exceedance Prob. \geq 85th Pctl.
>=2 Consec. Days, Valid: 20210820 - 20211123



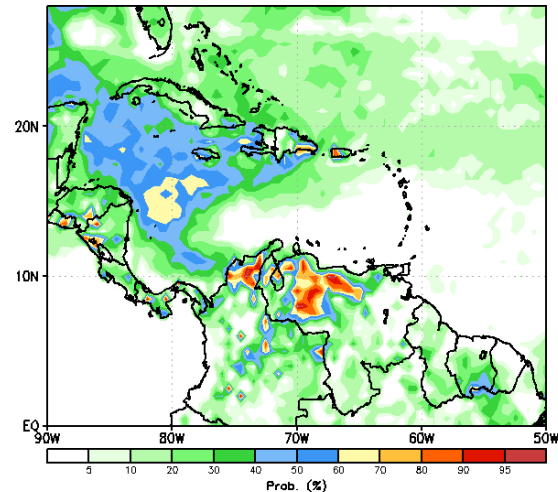
$\geq 90^{\text{avo}}$ percentile

GEFS Week-2 HI Exceedance Prob. \geq 90th Pctl.
>=2 Consec. Days, Valid: 20210820 - 20211123



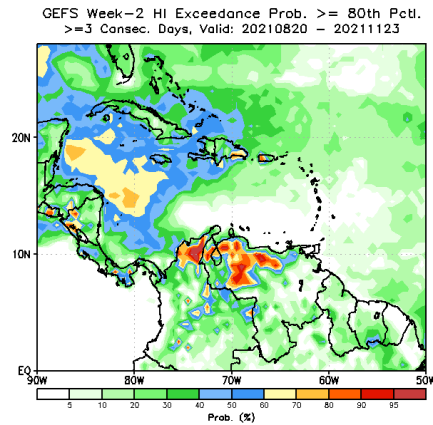
$\geq 95^{\text{avo}}$ percentile

GEFS Week-2 HI Exceedance Prob. \geq 95th Pctl.
>=2 Consec. Days, Valid: 20210820 - 20211123

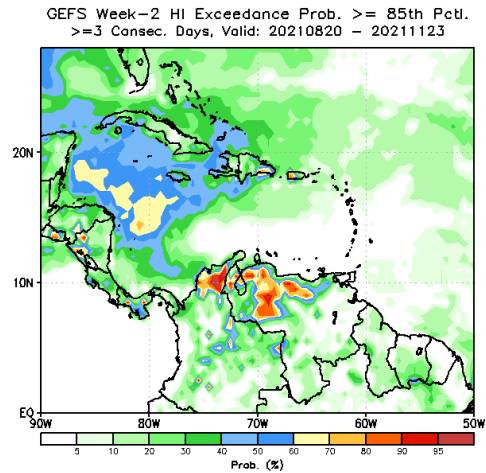


HI: Pronósticos de Probabilidad de Excedencia con respecto al Percentil para al menos 3 Días Consecutivos

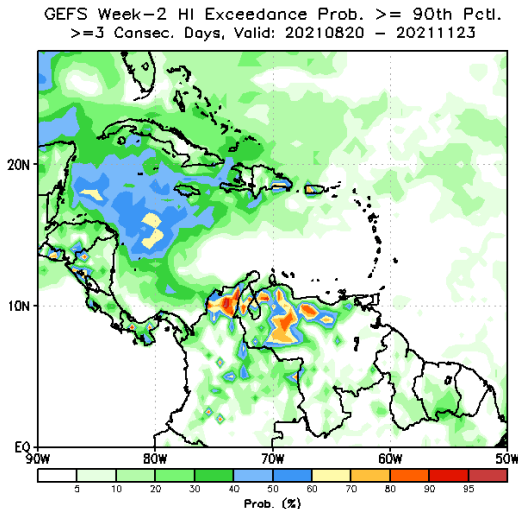
$\geq 80^{\text{avo}}$ percentile



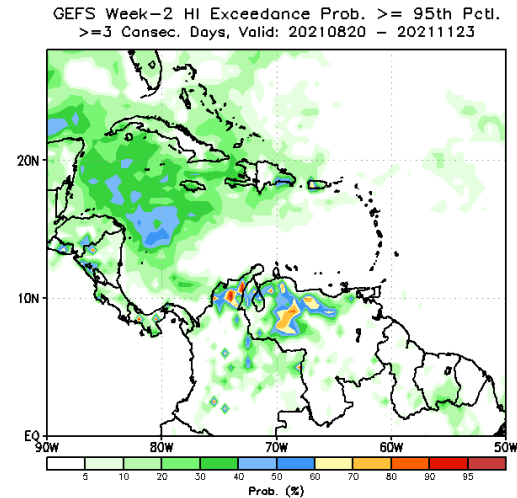
$\geq 85^{\text{avo}}$ percentile



$\geq 90^{\text{avo}}$ percentile



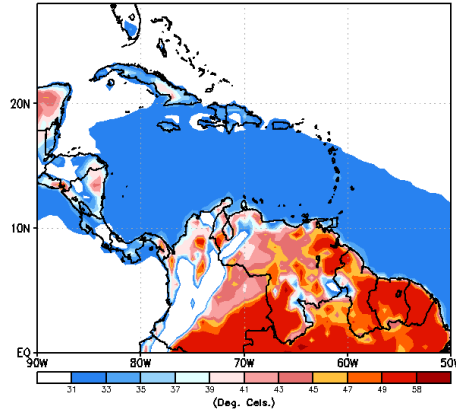
$\geq 95^{\text{avo}}$ percentile



HI: Percentiles Climatológicos

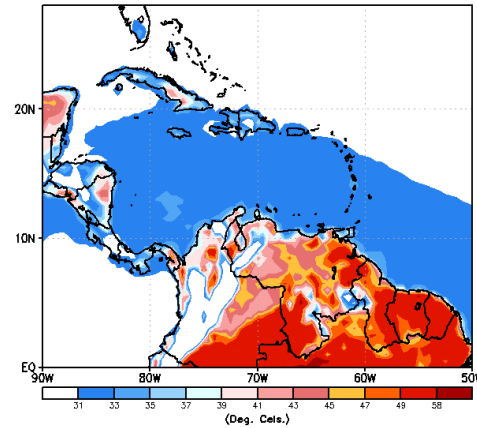
80^{avo} percentile

GEFS HI 80th . Model Climo.
Valid: 17Nov - 23Nov



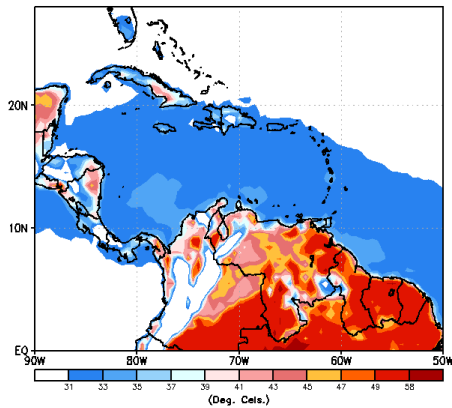
85^{avo} percentile

GEFS HI 85th . Model Climo.
Valid: 17Nov - 23Nov



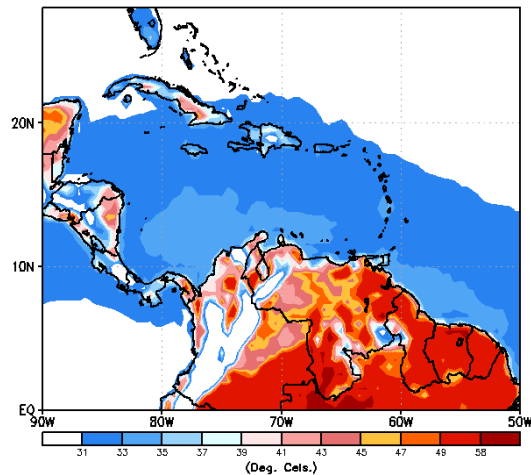
90^{avo} percentile

GEFS HI 90th . Model Climo.
Valid: 17Nov - 23Nov



95^{avo} percentile

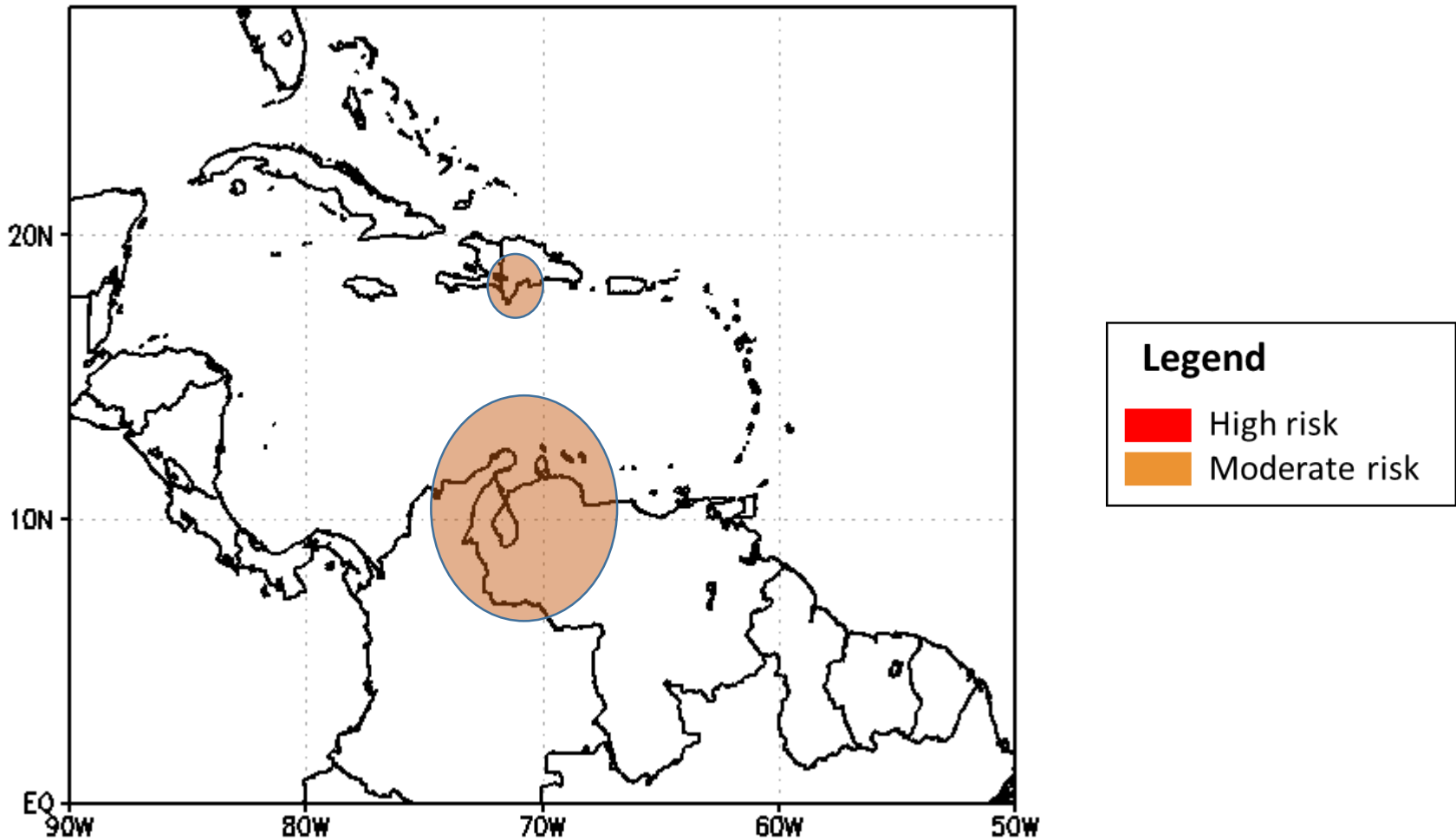
GEFS HI 95th . Model Climo.
Valid: 17Nov - 23Nov



Resumen

Condiciones relacionadas con la aparición de un sistema de alta presión en el Atlántico como son **las anomalías en la presión media al NMM, los vientos mas débiles de lo normal a 10 m de altura y la divergencia en 850 hPa**, hacen que sea probable algunos de los pronósticos para excedencia de temperatura del 80avo percentil (33 – 35 °C) sobre algunas áreas de R.D. condiciones similares se presentan sobre la parte noroeste de Venezuela. Las demás zonas no ameritan riesgo moderado o alto.

Perspectivas de Calor Extremo



Condiciones como vientos más débiles de lo normal en 10m de altura, divergencia en 850 hPa y convergencia en altura apoyan el pronóstico de excedencia de la temperatura para el 80avo percentil.