Monthly Regional Focus Group Session

Wednesday 24 February 2021
Sea Surface Temperatures (Last Week)

Source: https://psl.noaa.gov/map/clim/sst.shtml
Are the anomalies deep?

Deep anomalies tend to last longer and are useful for subseasonal forecasting.

La Niña

- La Niña is present.*
- Equatorial sea surface temperatures (SSTs) are below average from the west-central to eastern Pacific Ocean.
- The tropical atmospheric circulation is consistent with La Niña.
ENSO

Hovmöller: Heat Content

Equatorial Pacific Temp. Anomaly

Source: CPC
There is a ~60% chance of a transition from La Niña to ENSO-Neutral during the Northern Hemisphere spring 2021 (April-June).*

*Note: The original text contains an asterisk, which typically indicates a footnote or additional information. However, without further context from the rest of the document, it's difficult to provide a precise interpretation. The asterisk could indicate a source, reference, or an important detail that is not visible in the provided text.
Madden-Julian Oscillation (MJO)

Source: CPC
MJO Forecasts

GFS
CHI 200 hPa 15-DAY forecast (00z23feb2021-10mar2021)
(based on NCEP GFS)

CFS
CHI 200 hPa 40-DAY forecast (00z22feb2021-03apr2021)
(16-memb QPF CFSv2 IC = 2021022200)

EWP
CHI 200 hPa 40-DAY forecast (00z23feb2021-03apr2021)
(based on EWP spherical harmonics)

Upper divergent phase: March 4 - 14

CFS
Last Week’s Circulation and Rainfall – Tropical Americas

Rainfall

CMORPH: CPC Morphing Technique
https://www.cpc.ncep.noaa.gov/products/janowiak/cmorph_description.html
Last Week’s Circulation and Rainfall – South America

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Rainfall
¡Gracias!
Thank you!