Monthly Regional Focus
Group Session

Wednesday 16 December 2020
Sea Surface Temperatures (Last Week)
Deep Ocean Temperature Anomalies last longer:

Top 300-m Sea Temperature Anomaly

Sea Surface Temperature Anomaly

Source: GODAS, CPC
La Niña conditions are 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.
Hovmöller: Heat Content

Equatorial Temperature Anomaly (°C)
Pentad centered on 10 OCT 2020

Source: CPC
La Niña is likely to continue through the Northern Hemisphere winter 2020-21 (~95% chance during January-March), with a potential transition during the spring 2021 (~50% chance of Neutral during April-June).*
Madden-Julian Oscillation (MJO)

Source: CPC
Last week’s anomalies for South America

200 hPa Flow

850 hPa Flow

Rainfall

CMORPH: CPC Morphing Technique
https://www.cpc.ncep.noaa.gov/products/janowiak/cmorph_description.html
Last Week’s anomalies for the Tropical Americas

200 hPa Flow

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¡Gracias!

Thank you!