

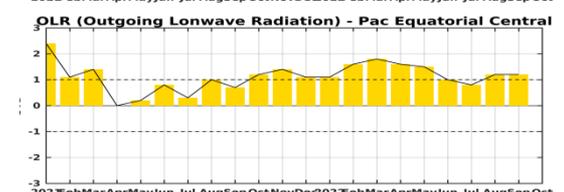
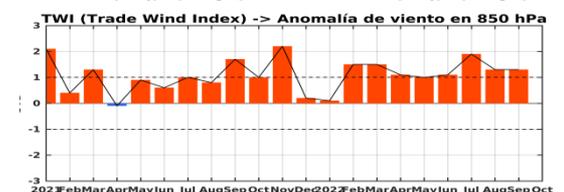
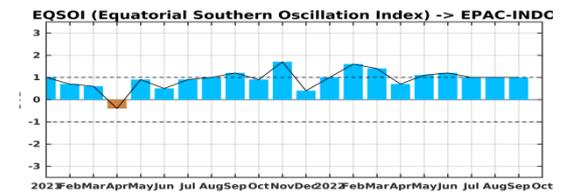
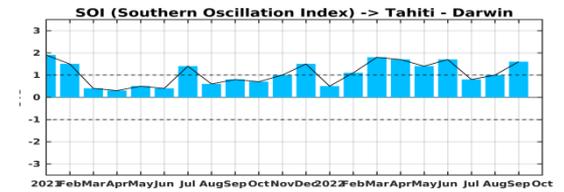
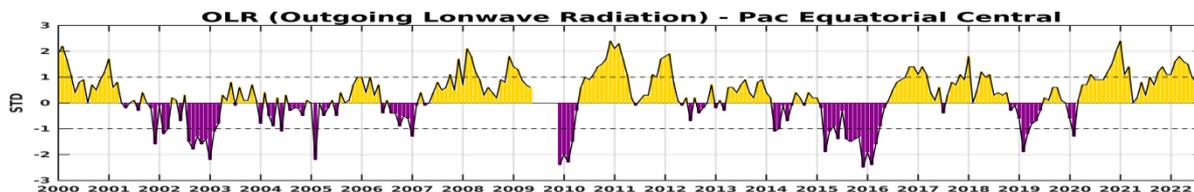
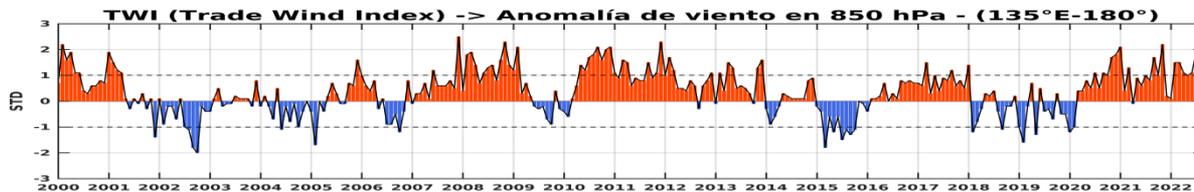
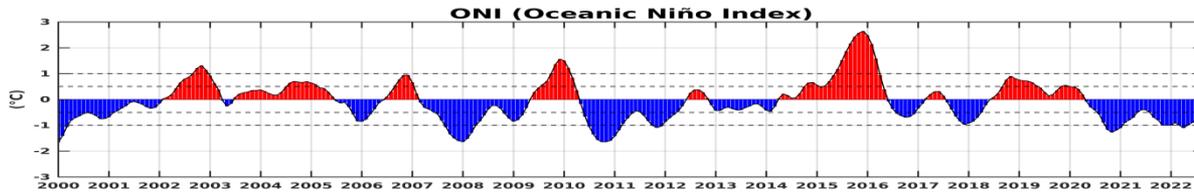
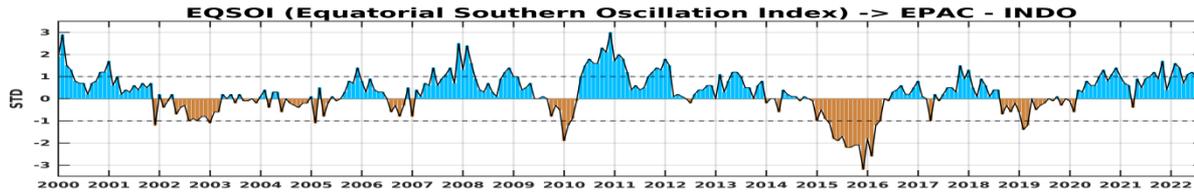
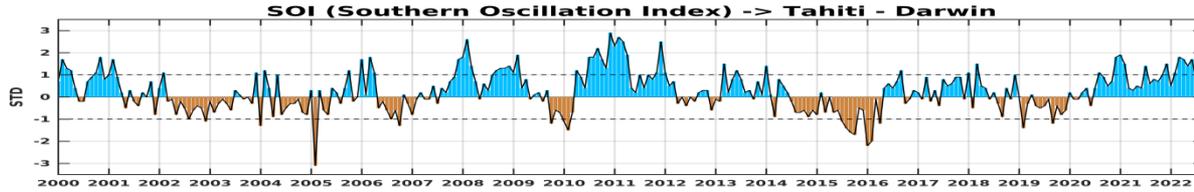


SETIEMBRE 2022

**Boletín Informativo
Monitoreo del
Fenómeno El Niño /
La Niña**

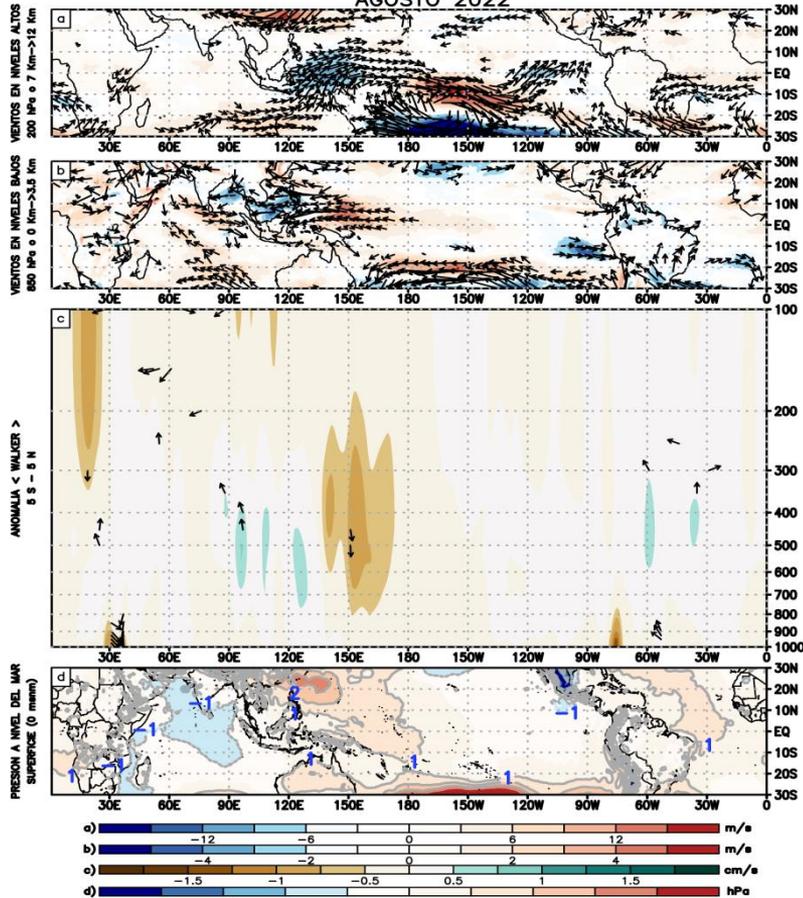
Este producto contempla la evolución de las condiciones atmosféricas a nivel global y regional durante setiembre y los primeros días de octubre de 2022. Este monitoreo se realiza a partir de diferentes fuentes, incluidos datos de modelos numéricos de tiempo y clima, datos de vientos satelitales, entre otros. Este producto es insumo para las reuniones del GTCT-ENFEN

Pacífico Ecuatorial



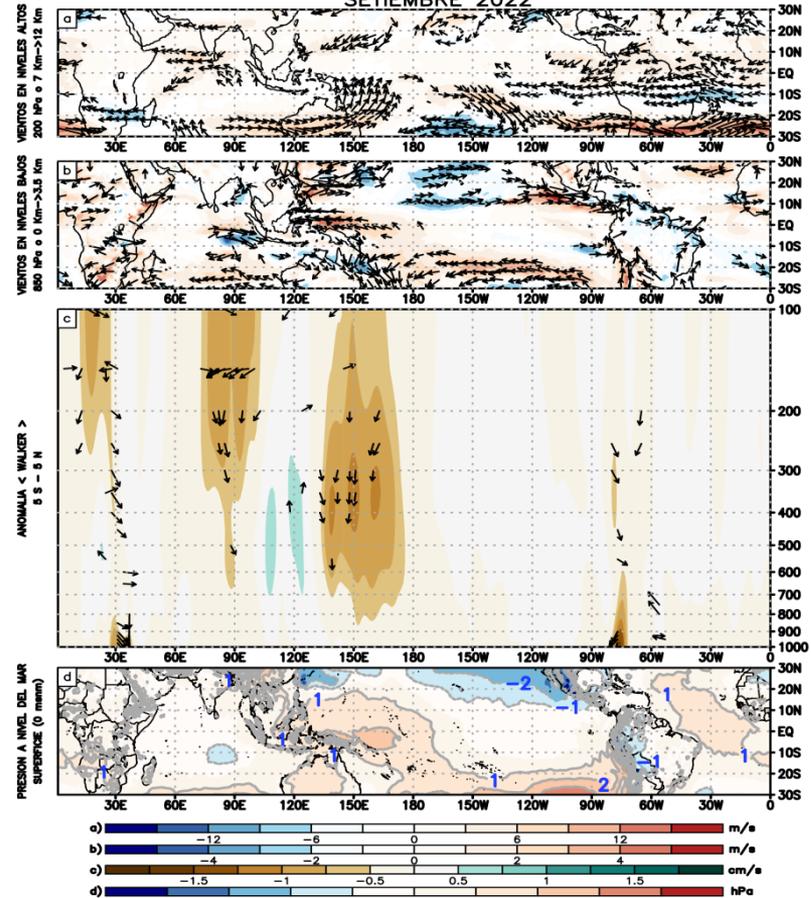
Pacífico Ecuatorial

AGOSTO 2022



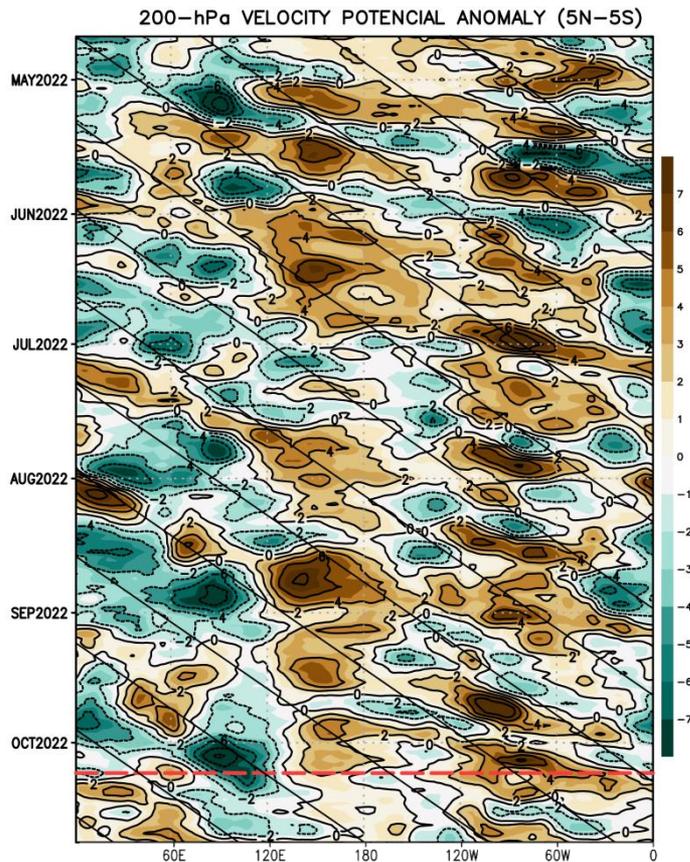
Procesado: SENAMHI/DMA/SPC

SEPTIEMBRE 2022



Procesado: SENAMHI/DMA/SPC

Variabilidad intraestacional: Forzantes externas de Variabilidad - OMJ



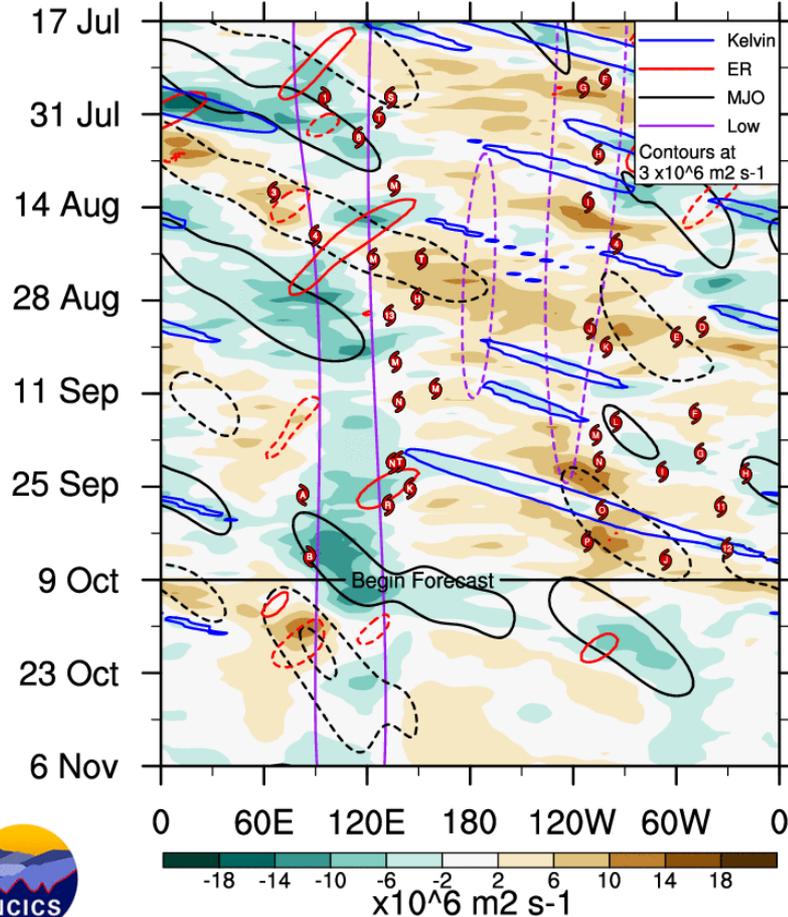
Source: GFS
Processing: SENAMHI/DMA/SPC

Begin GFS Forecast—green line
Forecast up to 00Z24OCT2022



ncics.org/mjo

CHI200 with CFS forecasts 5S - 5N



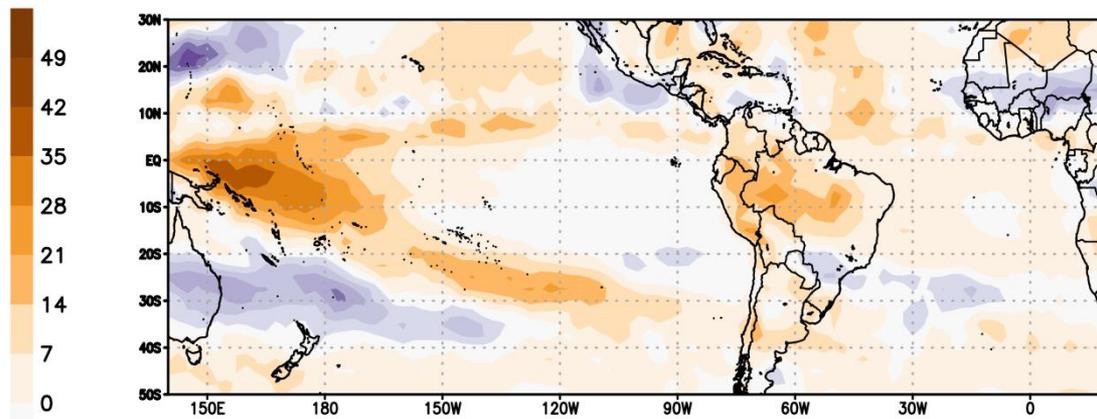
$\times 10^6 \text{ m}^2 \text{ s}^{-1}$

Mon 2022-10-10 1025 UTC

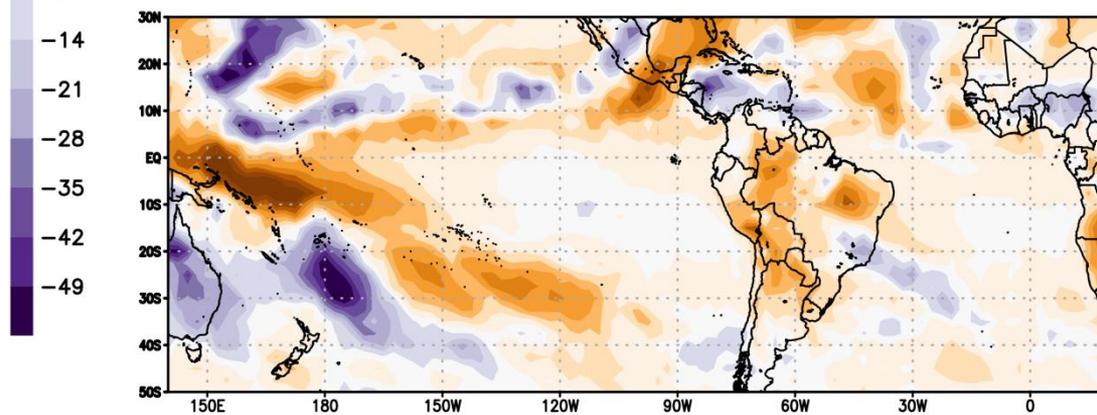
Carl Schreck
carl_schreck@ncsu.edu

Anomalías de la ORL

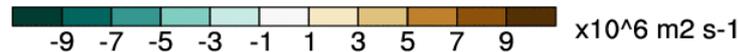
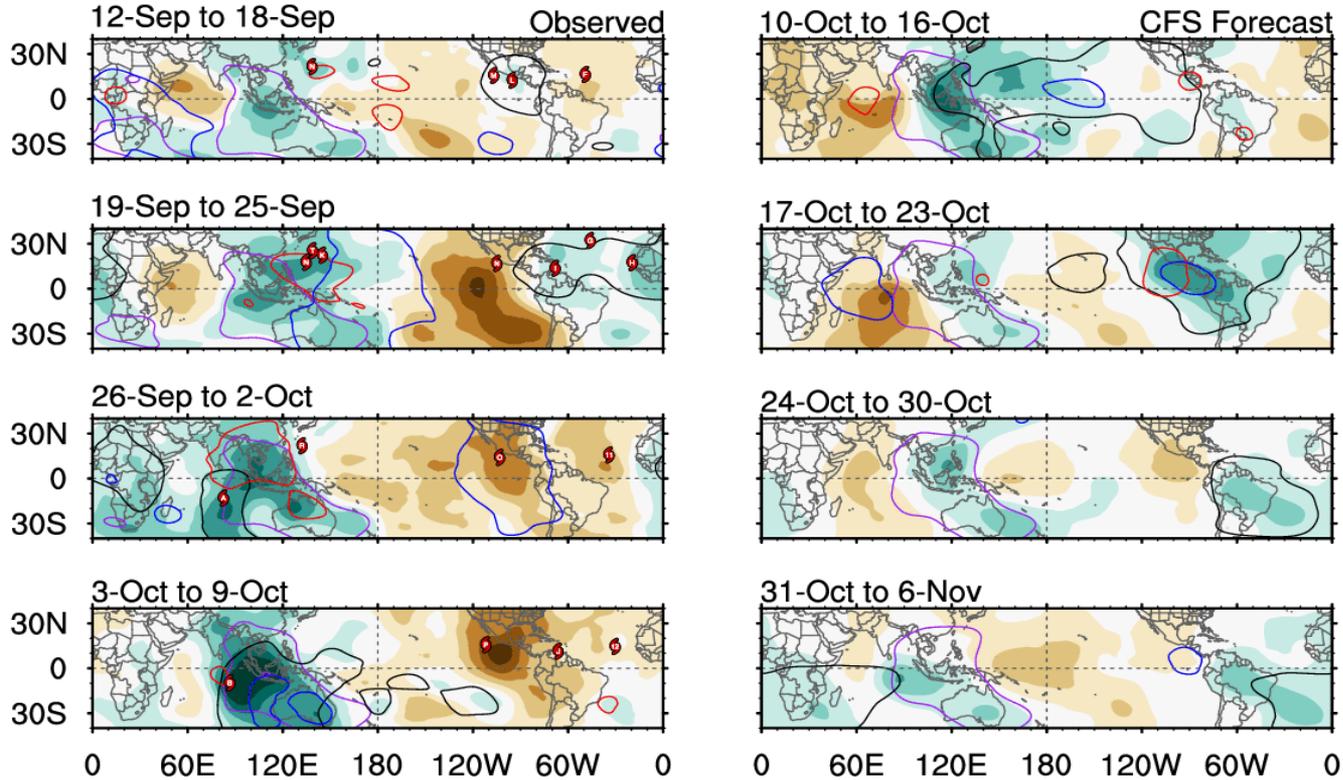
OLR SETIEMBRE



OLR OCTUBRE



Anomalía de la velocidad potencial a 200 hPa



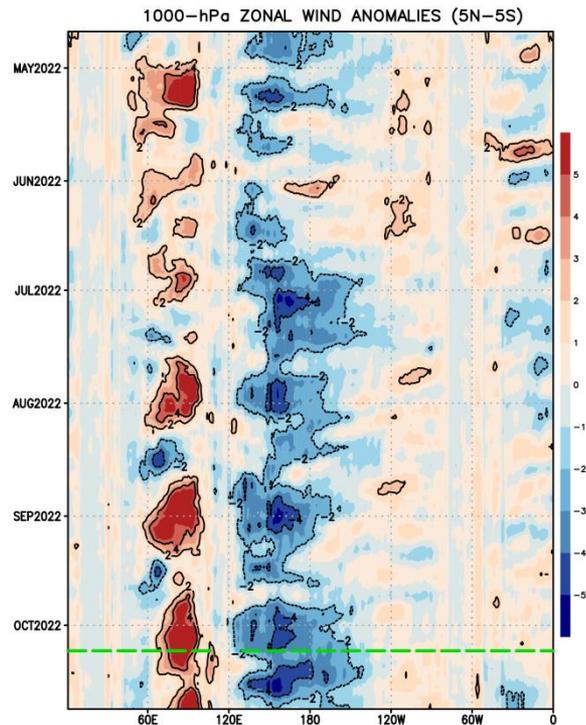
7-day CHI200 with CFS forecasts

- MJO
- Kelvin x2
- Low
- ER

Contours at -2, -6 $\times 10^6$ m² s⁻¹

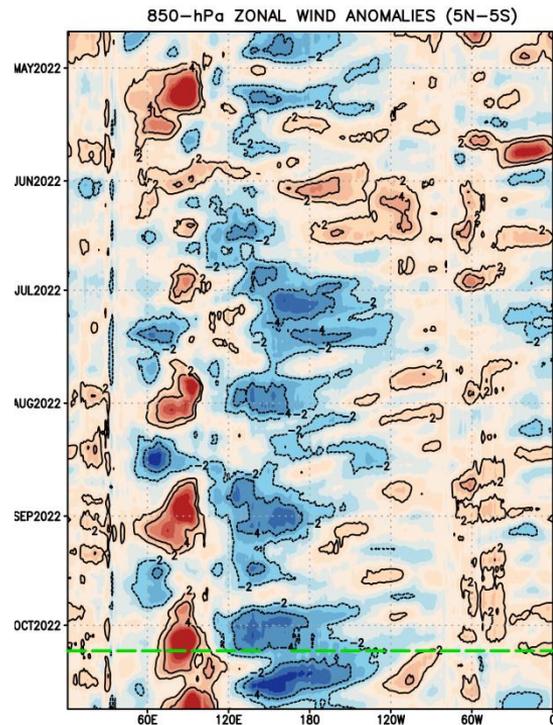
Carl Schreck

Condiciones en el Pacífico Ecuatorial: *Estes/Oestes*



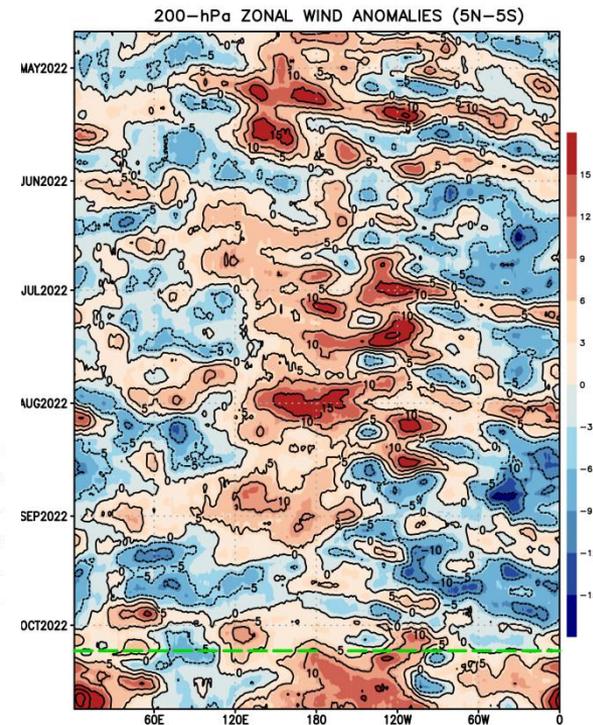
Source: GFS
Processing: SENAMHI/DMA/SPC

Begin GFS Forecast—green line
Forecast up to 00Z24OCT2022



Source: GFS
Processing: SENAMHI/DMA/SPC

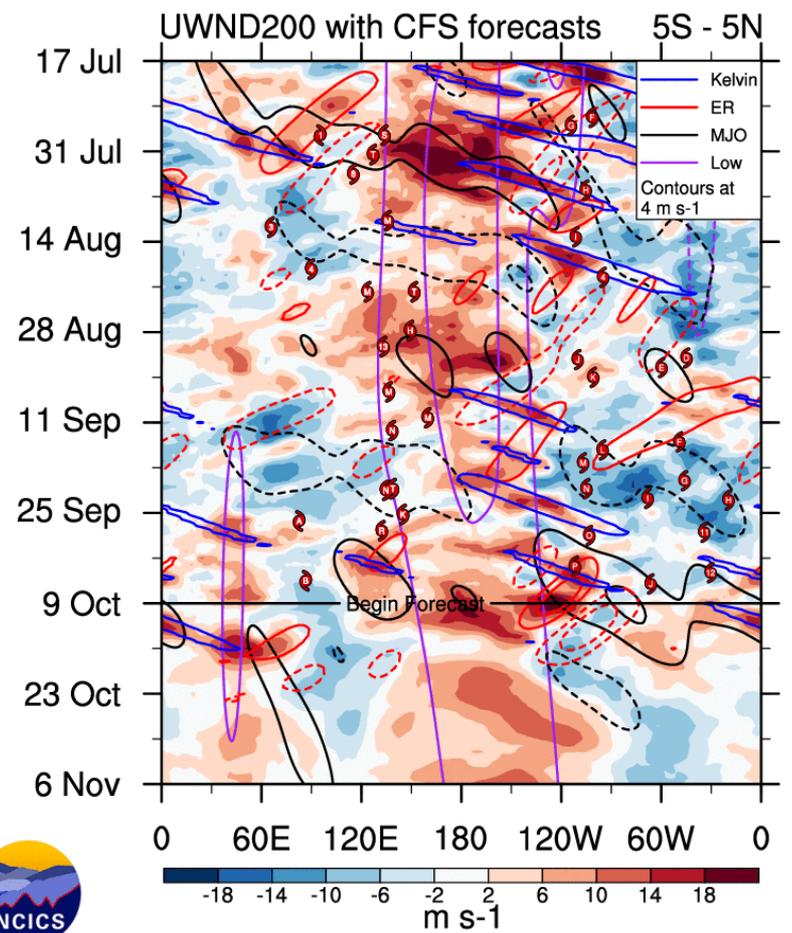
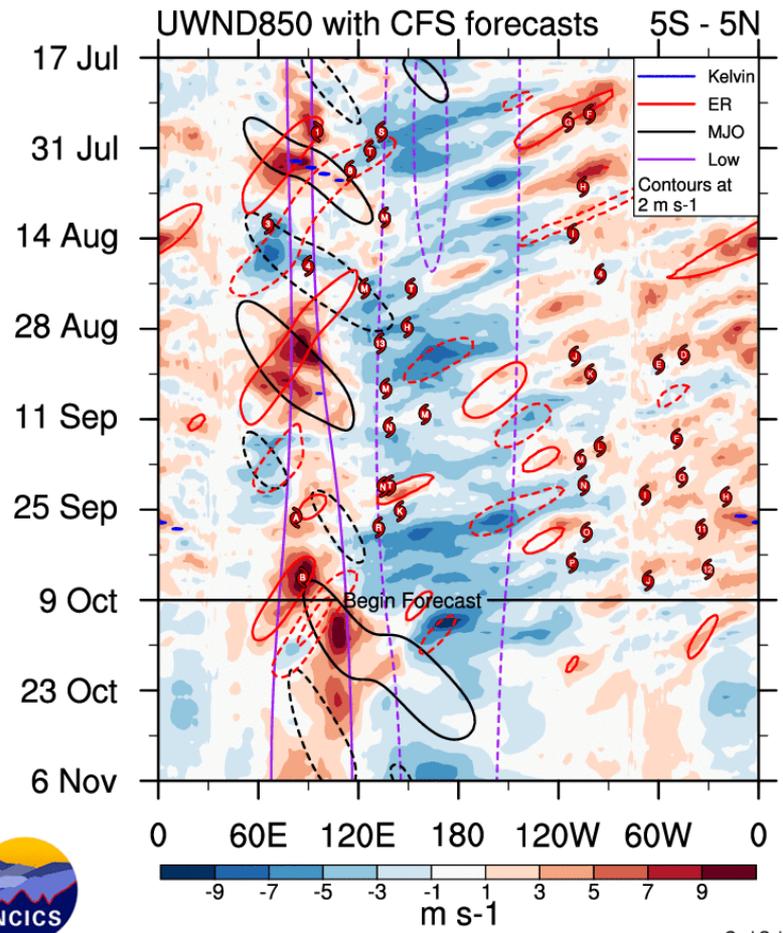
Begin GFS Forecast—green line
Forecast up to 00Z24OCT2022



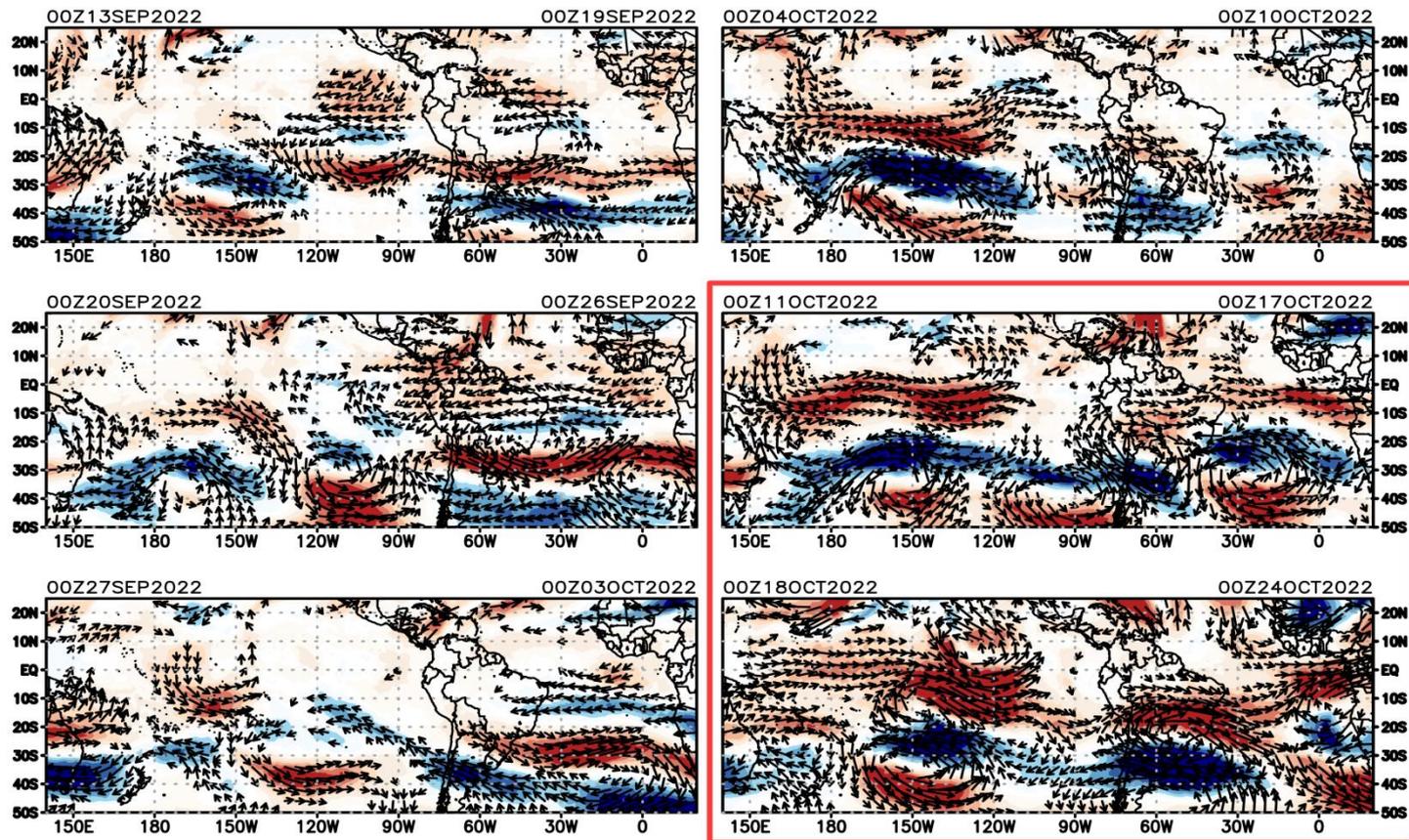
Source: GFS
Processing: SENAMHI/DMA/SPC

Begin GFS Forecast—green line
Forecast up to 00Z24OCT2022

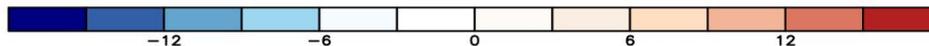
Condiciones en el Pacífico Ecuatorial: *Estes/Oestes*



Anomalía de vientos en 200 hPa

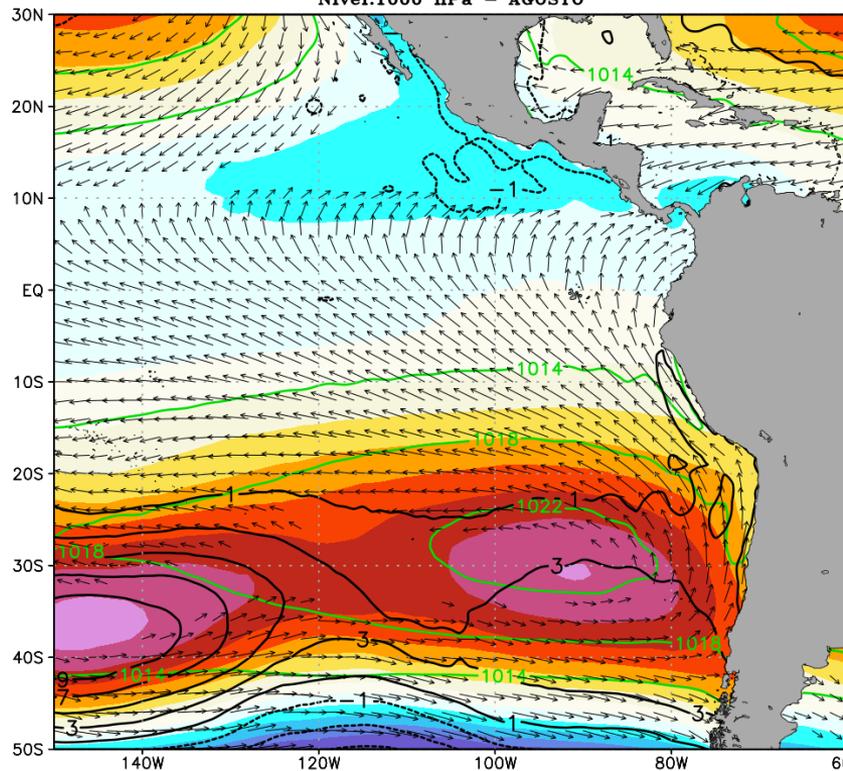


FORECAST

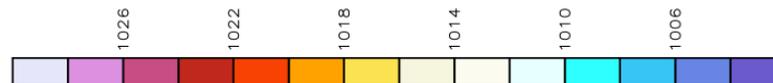
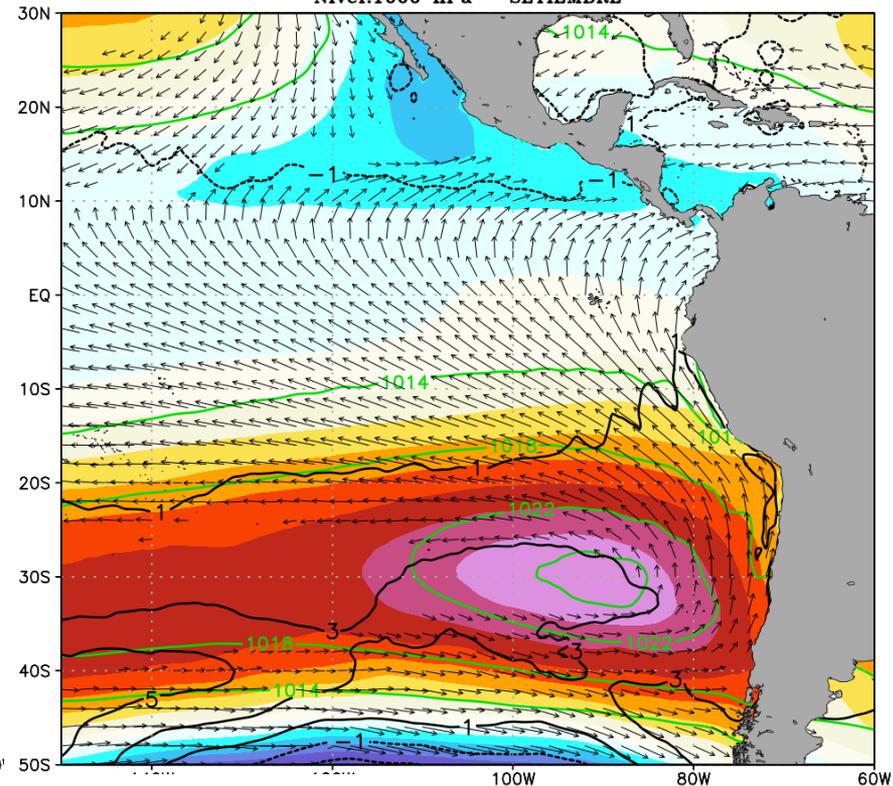


Anticiclón del Pacífico Sur

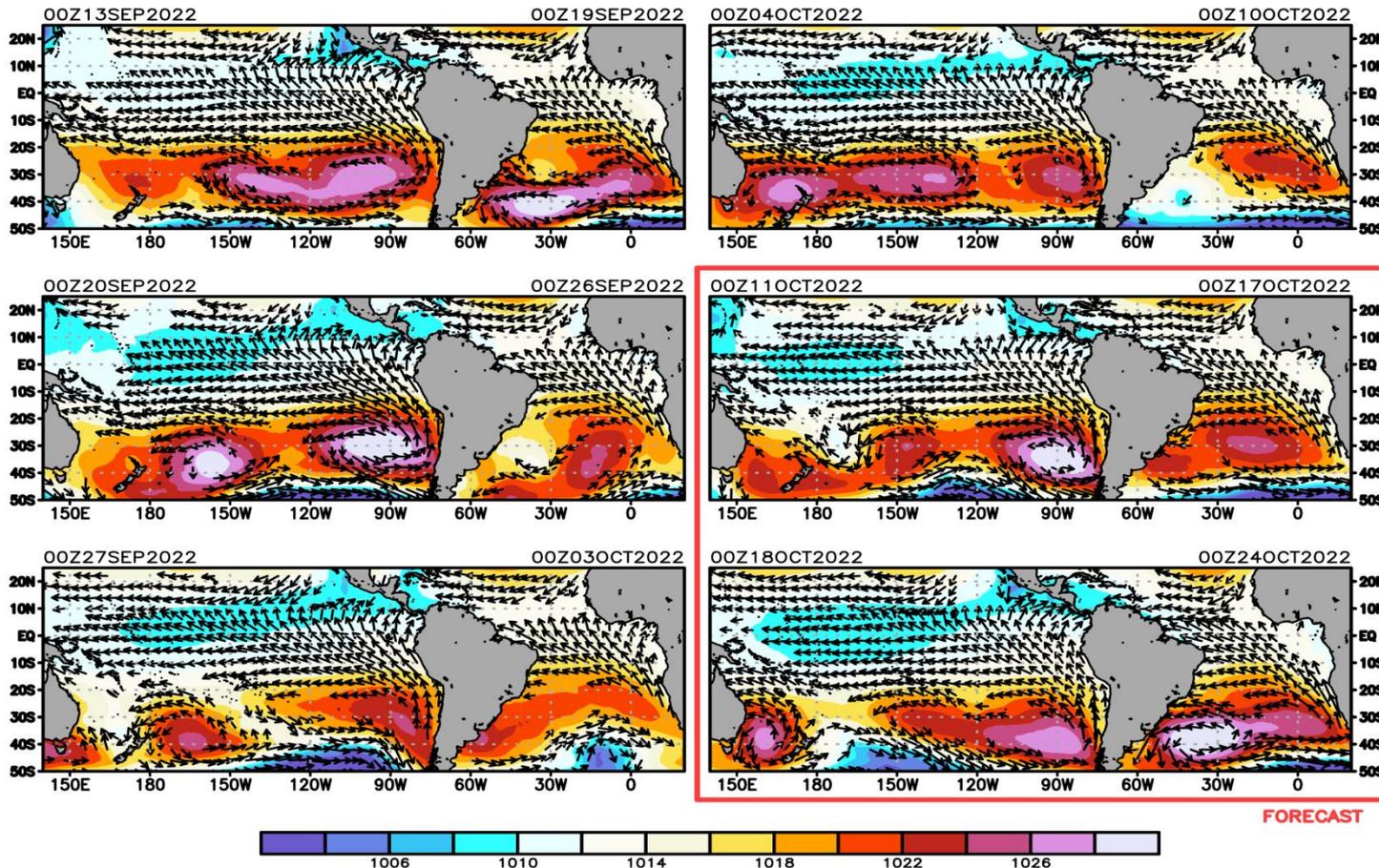
PROMEDIO DE LA PRSML (hPa) (color) – VIENTOS (m/s) (vector)
CLIMATOLOGIA(contorno verde) ANOMALIA (contorno negro)
Nivel:1000 hPa – AGOSTO



PROMEDIO DE LA PRSML (hPa) (color) – VIENTOS (m/s) (vector)
CLIMATOLOGIA(contorno verde) ANOMALIA (contorno negro)
Nivel:1000 hPa – SETIEMBRE

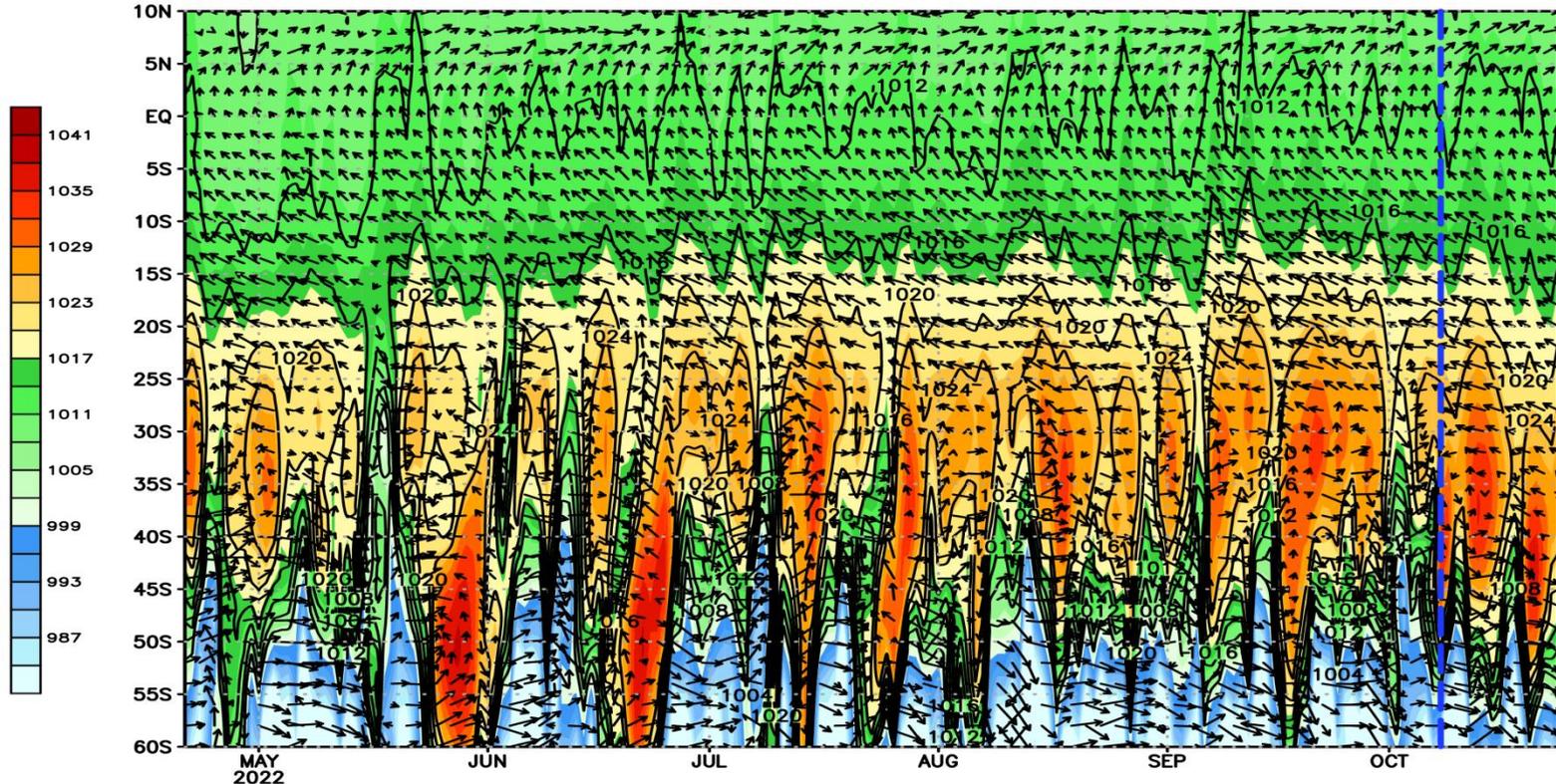


Anticiclón del Pacífico Sur



Presión a nivel del mar / vientos a 1000 hPa

Presión a nivel del mar/vientos 1000 hPa (m/s)

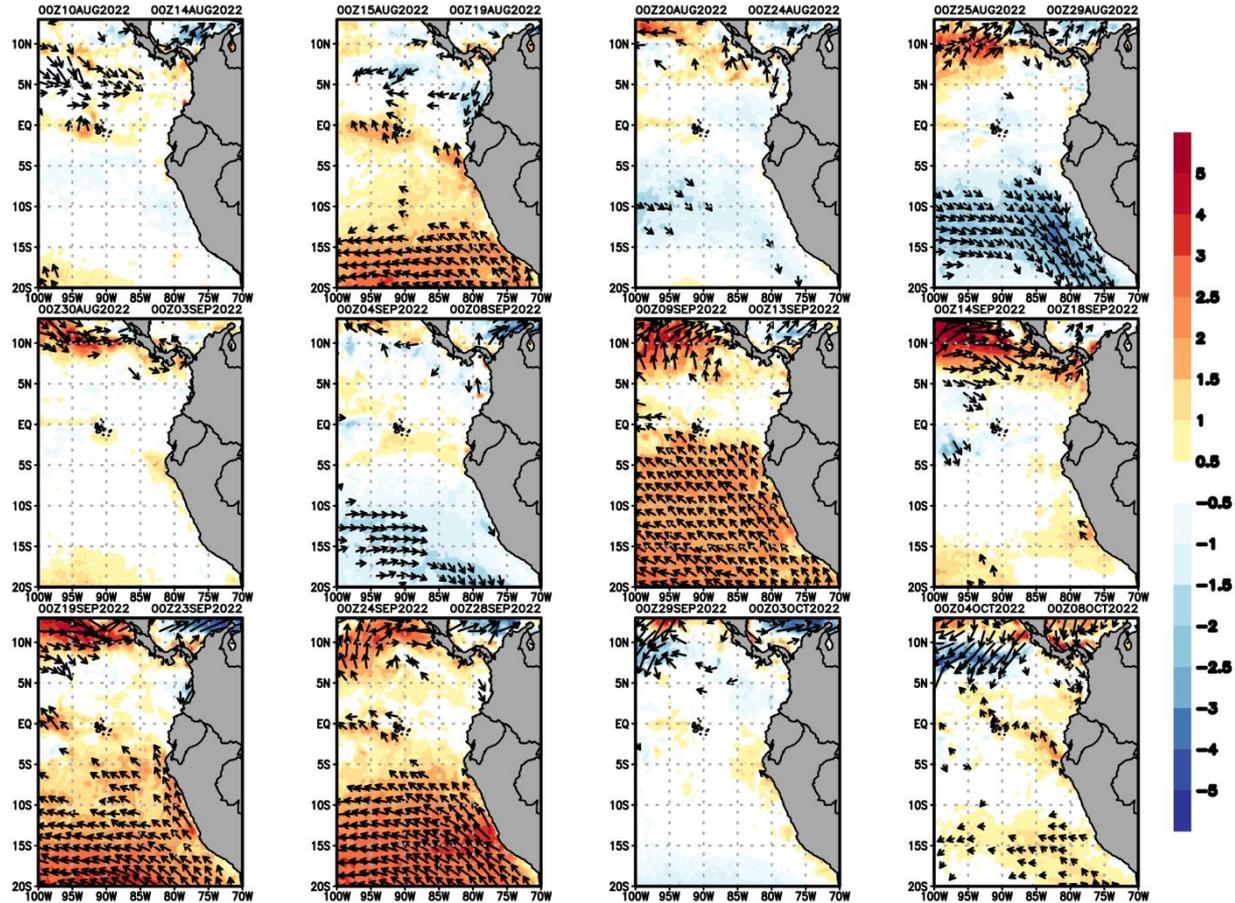


Source: GFS
CLIM: 2004 - 2014
Processing: SENAMHI/DMA/SPC

Average from 93W-87W
Forecast from 08OCT2022

Condiciones regionales: *Vientos a 10 m - ASCAT*

Anomalia de viento 10m

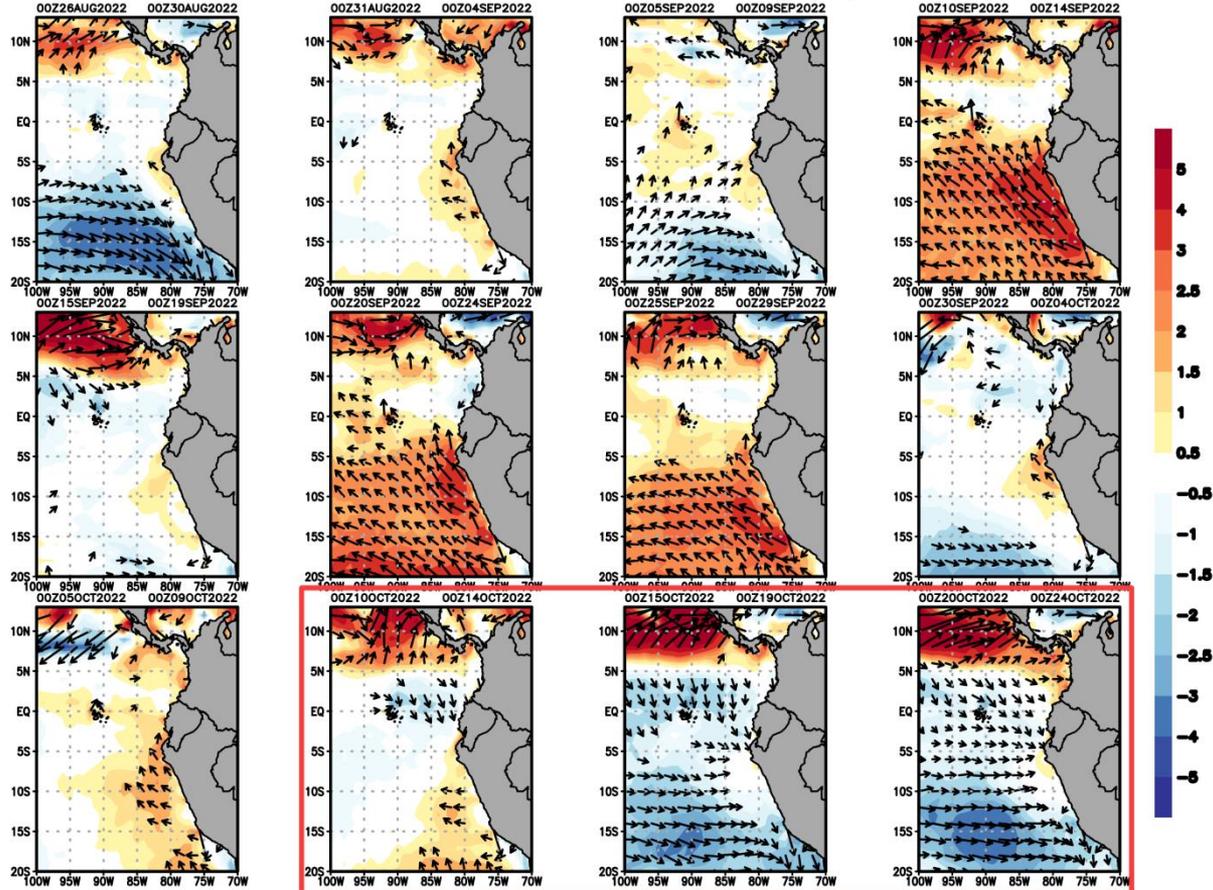


Source: ASCAT

Processing: SENAMHI/DMA/SPC

Condiciones regionales: *Vientos a 1000 hPa - GFS*

Anomalia de viento 1000 hPa (m/s)

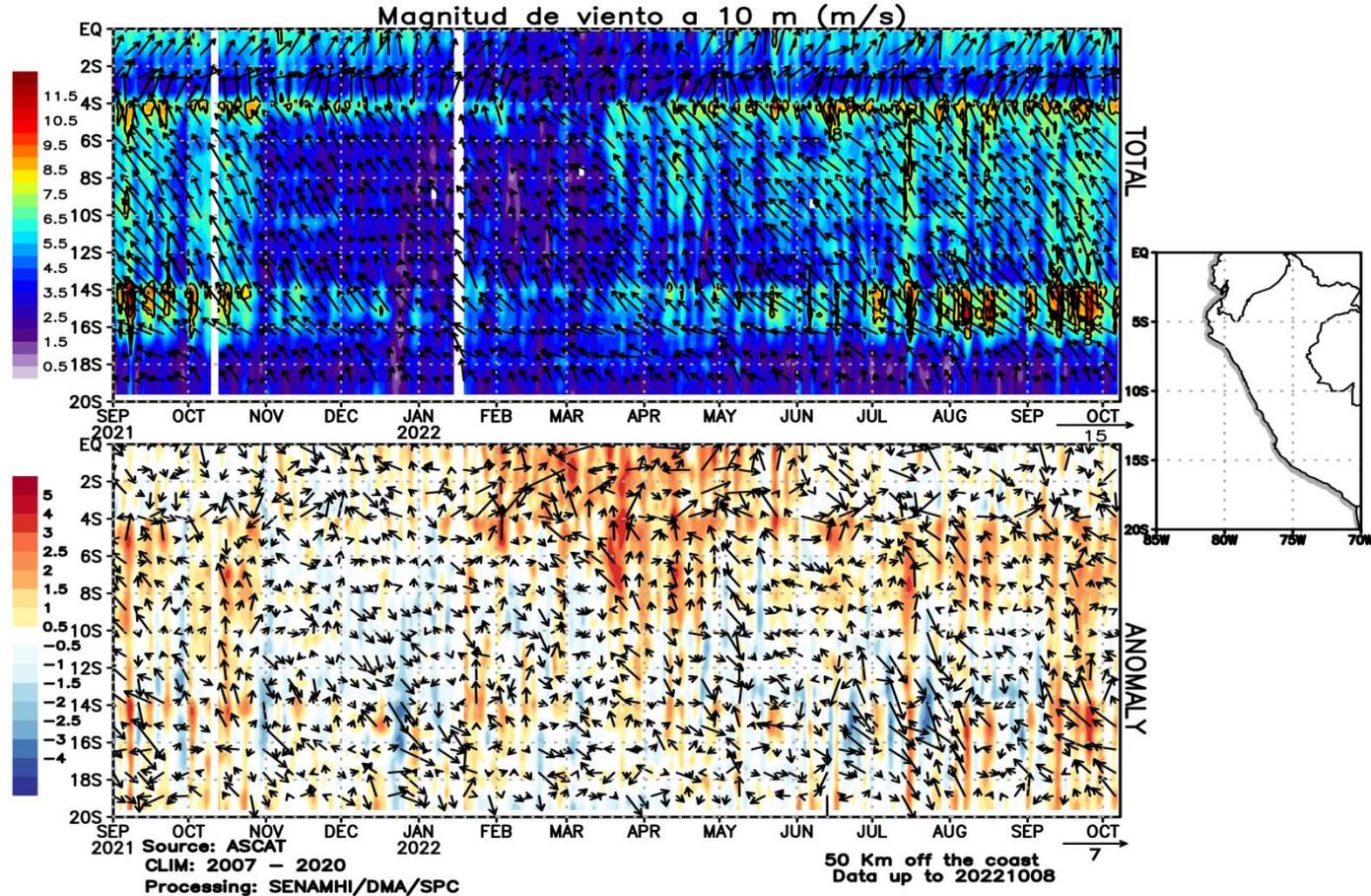


Source: GFS

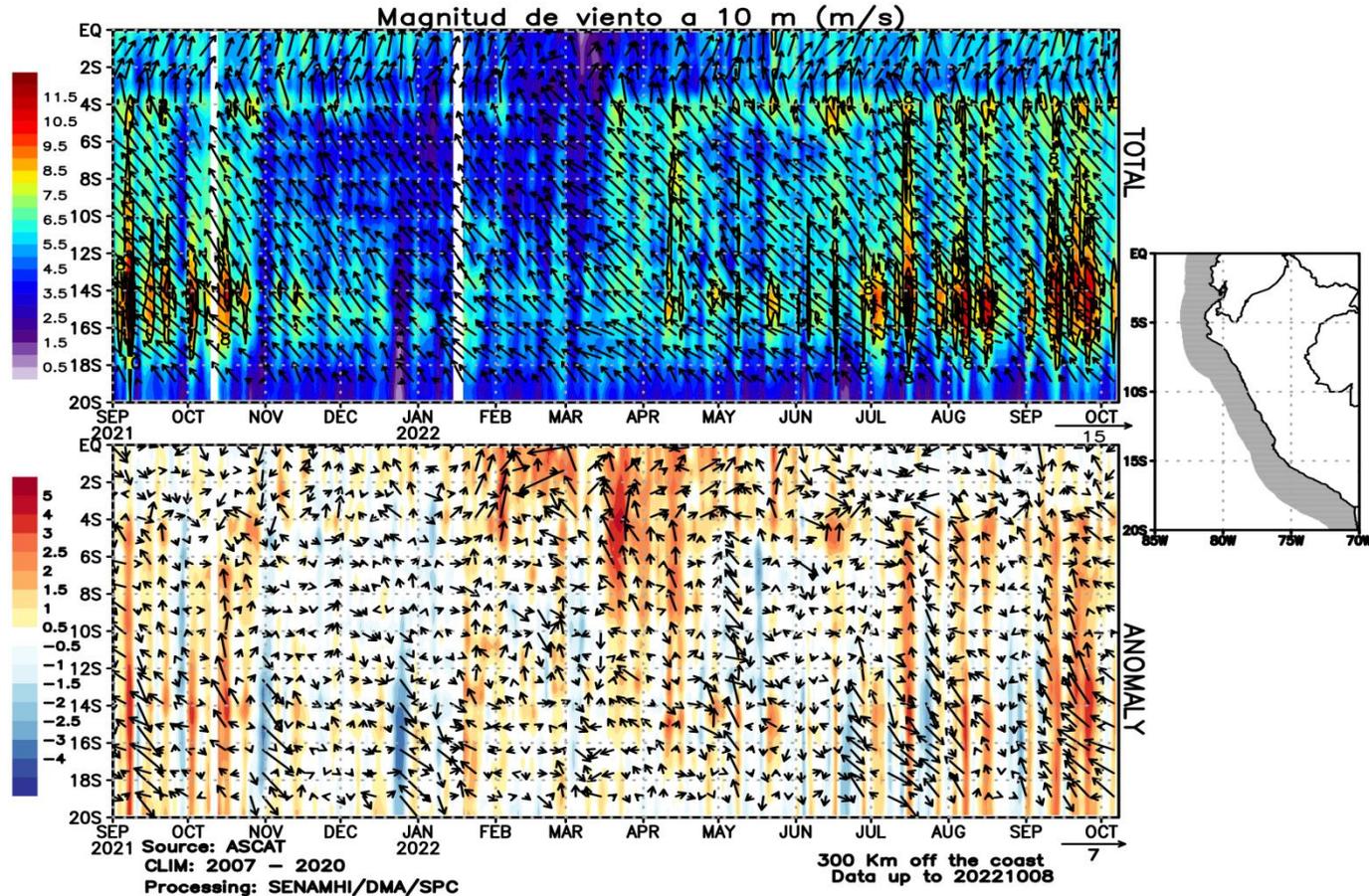
Processing: SENAMHI/DMA/SPC

FORECAST

Condiciones regionales: Flujo de viento a 10m

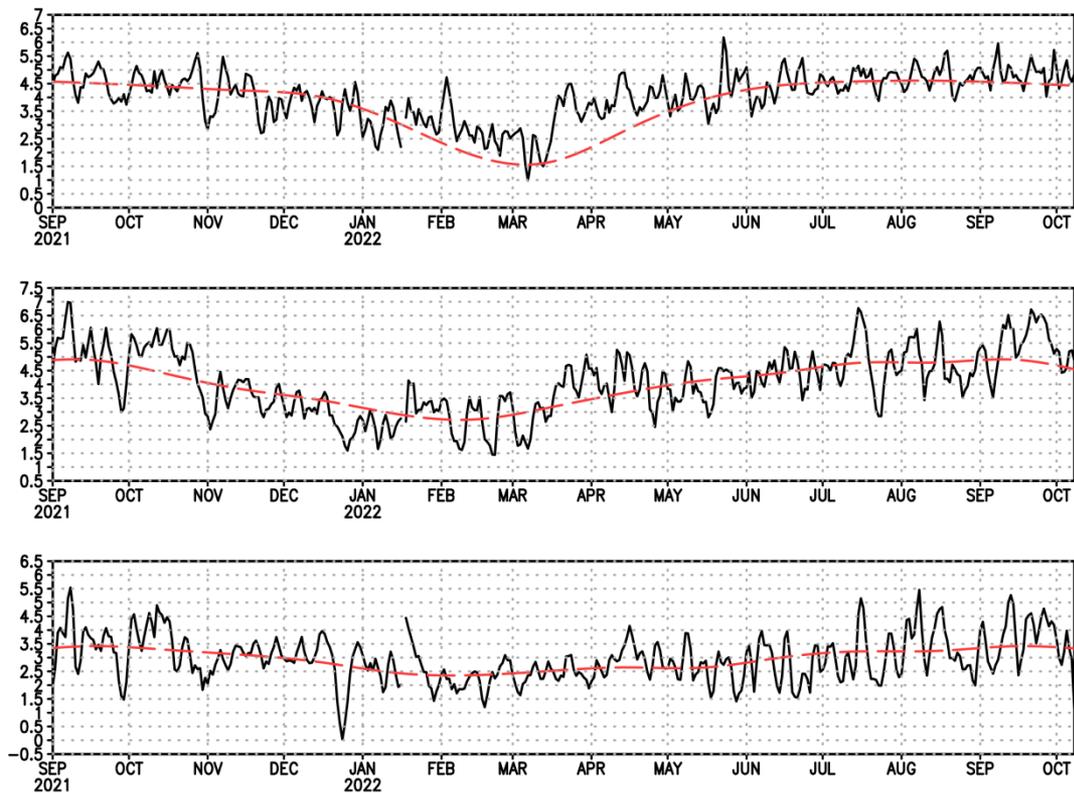


Condiciones regionales: Flujo de viento a 10m



Condiciones regionales: Flujo de viento a 10m

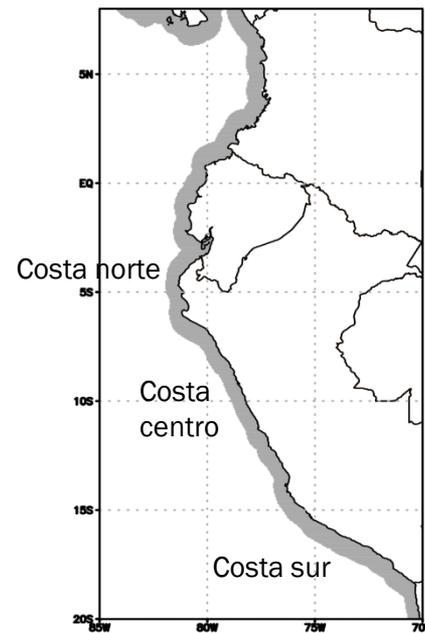
Magnitud de viento meridional a 10 m



NORTE

CENTRO

SUR



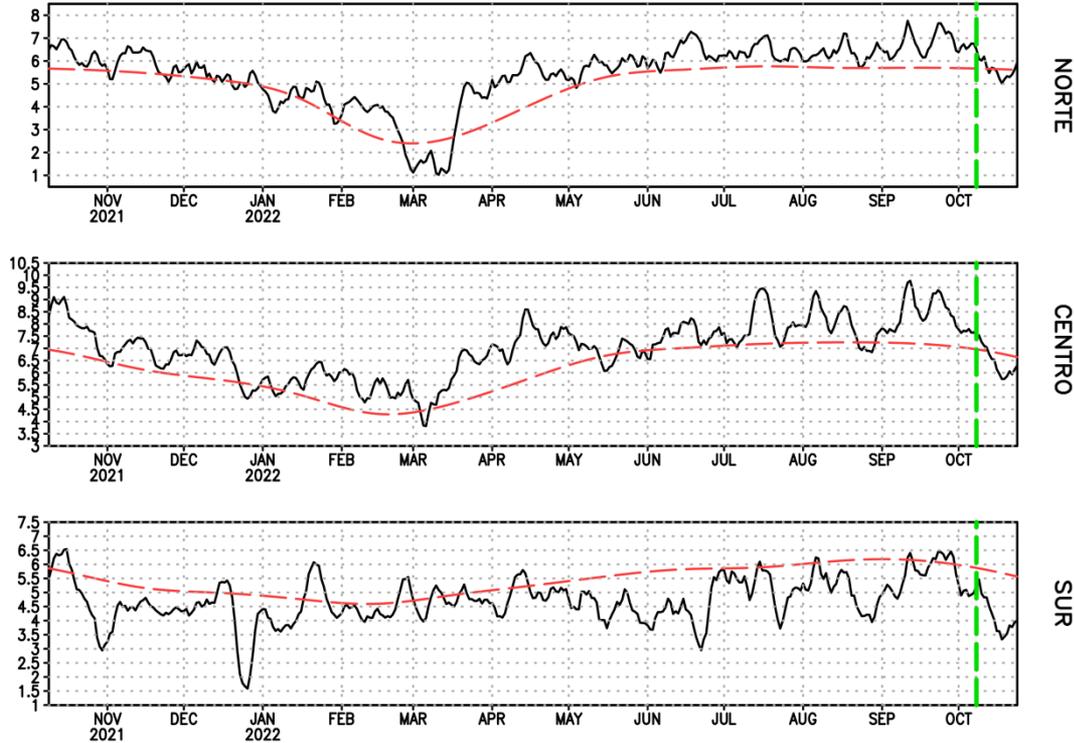
Source: ASCAT WIND
CLIM: 2007 – 2020
Processing: SENAMHI/DMA/SPC

100 Km off the coast

RED LINE: MERIDIONAL WIND CLIMATOLOGY
BLACK LINE: MERIDIONAL WIND

Condiciones regionales: Flujo de viento en 1000 hPa

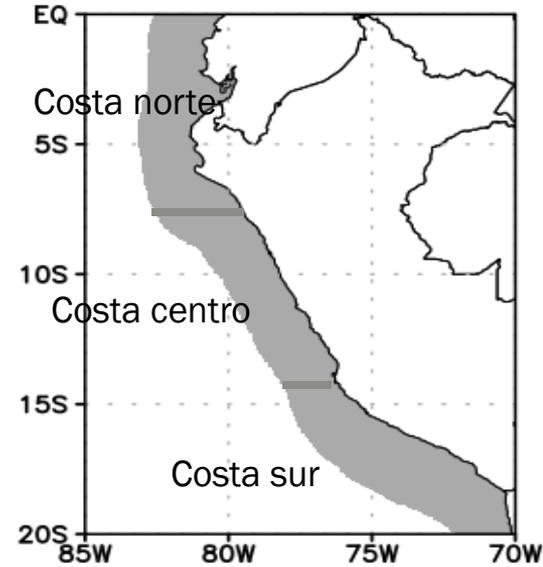
Magnitud de viento meridional a 1000 hPa (m/s)



Source: GFS
CLIM: 2004 - 2014
Processing: SENAMHI/DMA/SPC

300 Km off the coast
Forecast from 08OCT2022

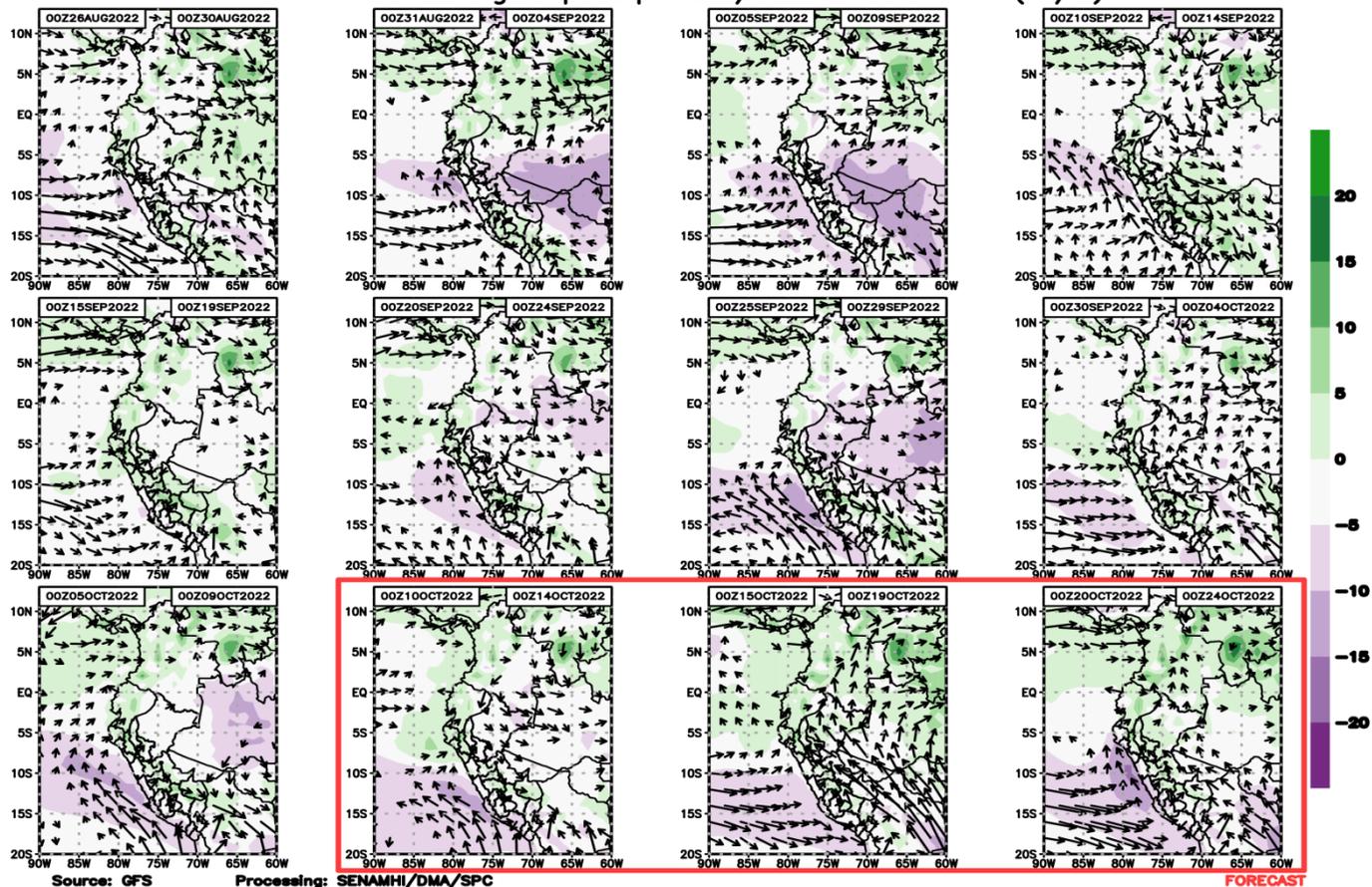
RED LINE: MERIDIONAL WIND CLIMATOLOGY
BLACK LINE: MERIDIONAL WIND



Condiciones regionales:

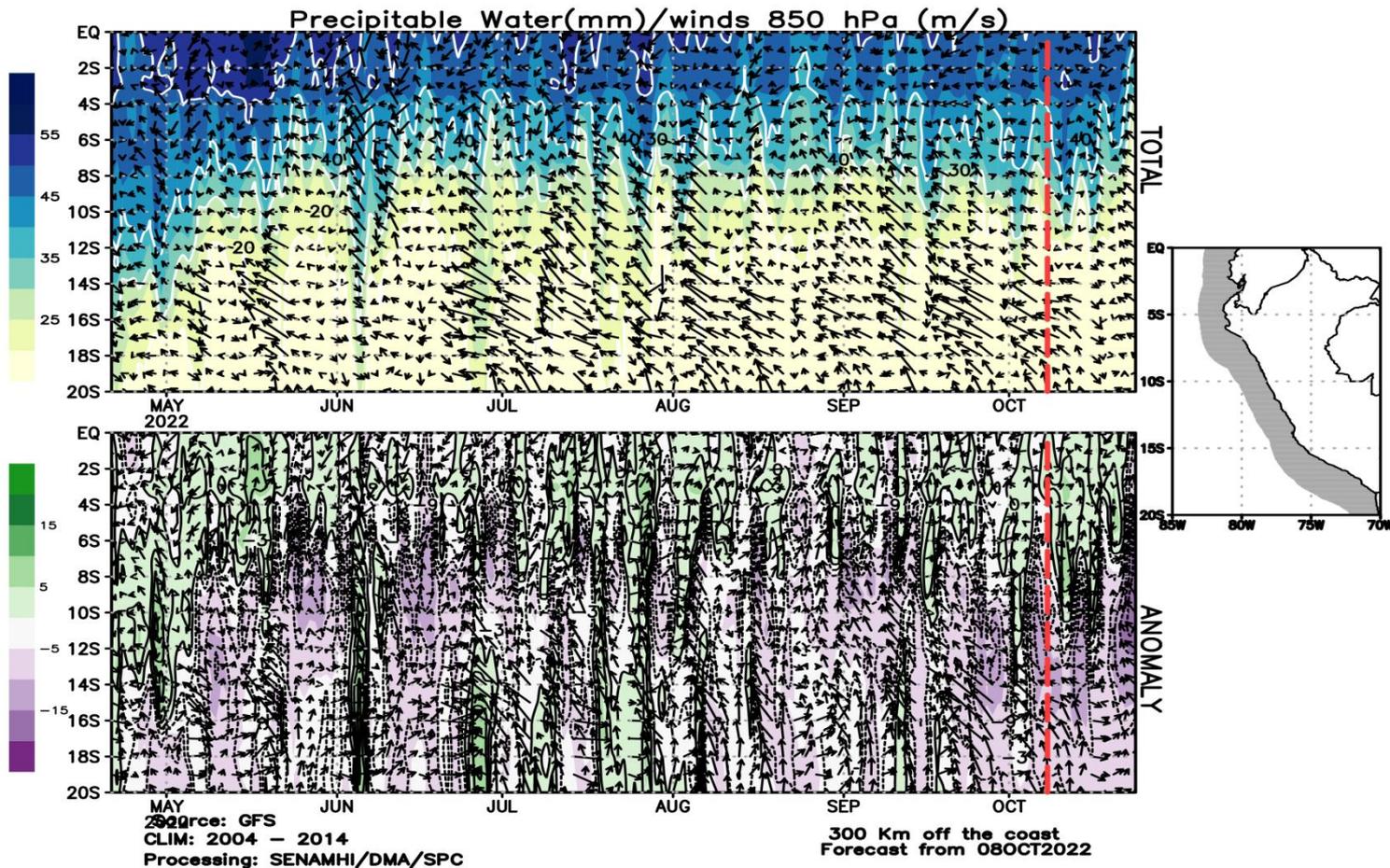
Agua Precipitable y Flujo de viento en 850 hPa fuera del litoral

Anomalia de Agua precipitable/viento 850 hPa (m/s)



Condiciones regionales:

Agua Precipitable y Flujo de viento en 850 hPa fuera del litoral



GRACIAS!

SERVICIO NACIONAL DE
METEOROLOGÍA E
HIDROLOGÍA DEL PERÚ

<https://www.gob.pe/senamhi>