Centro Regional del Clima en red para el Sur de América del Sur

Centro Regional do Clima na rede para o Sul da América do Sul

Perspectivas climáticas
Septiembre-Octubre-Noviembre 2021

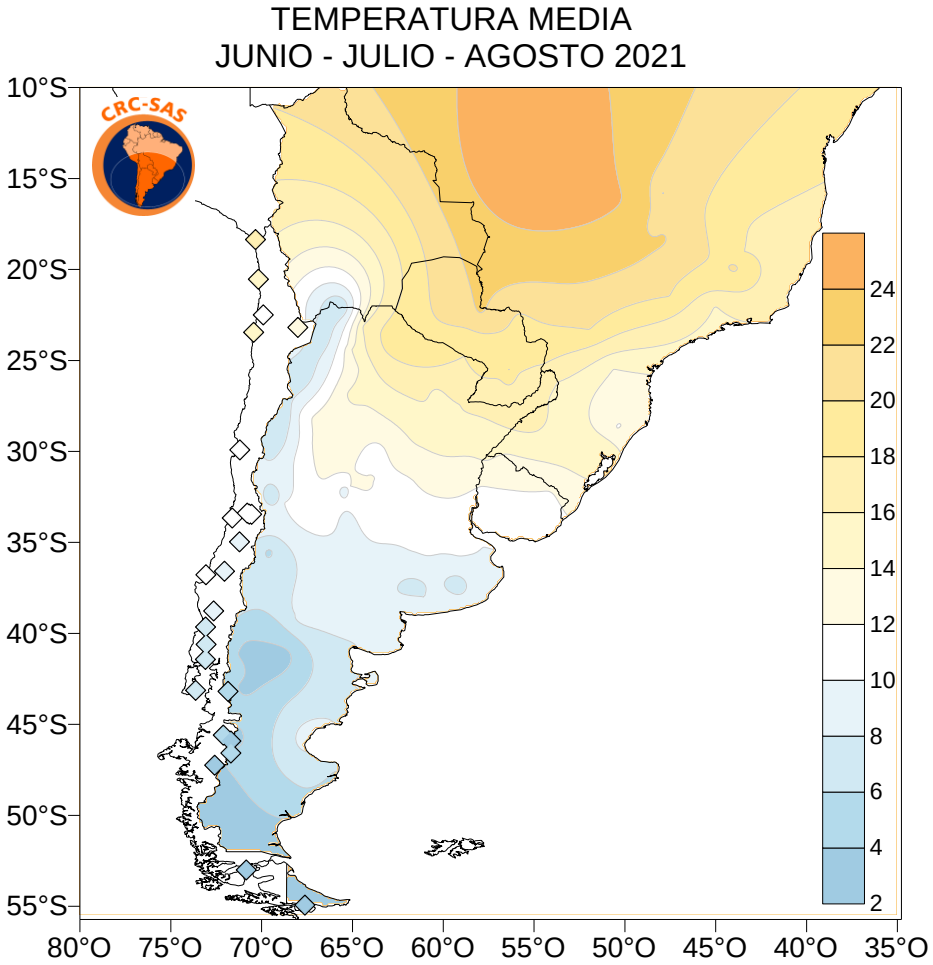
Reunión virtual del CRC-SAS

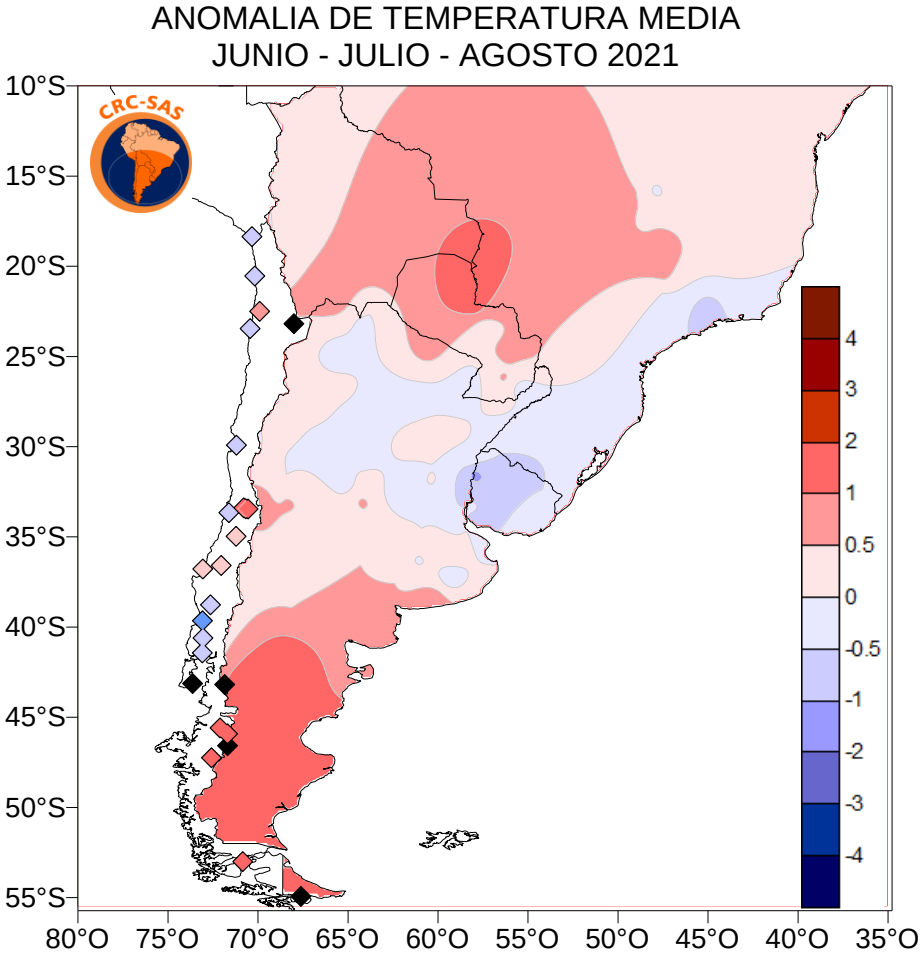
3 de septiembre de 2021

Revisión del trimestre

Junio-Julio-Agosto 2021

ANOMALÍAS DE TEMPERATURA
Del trimestre

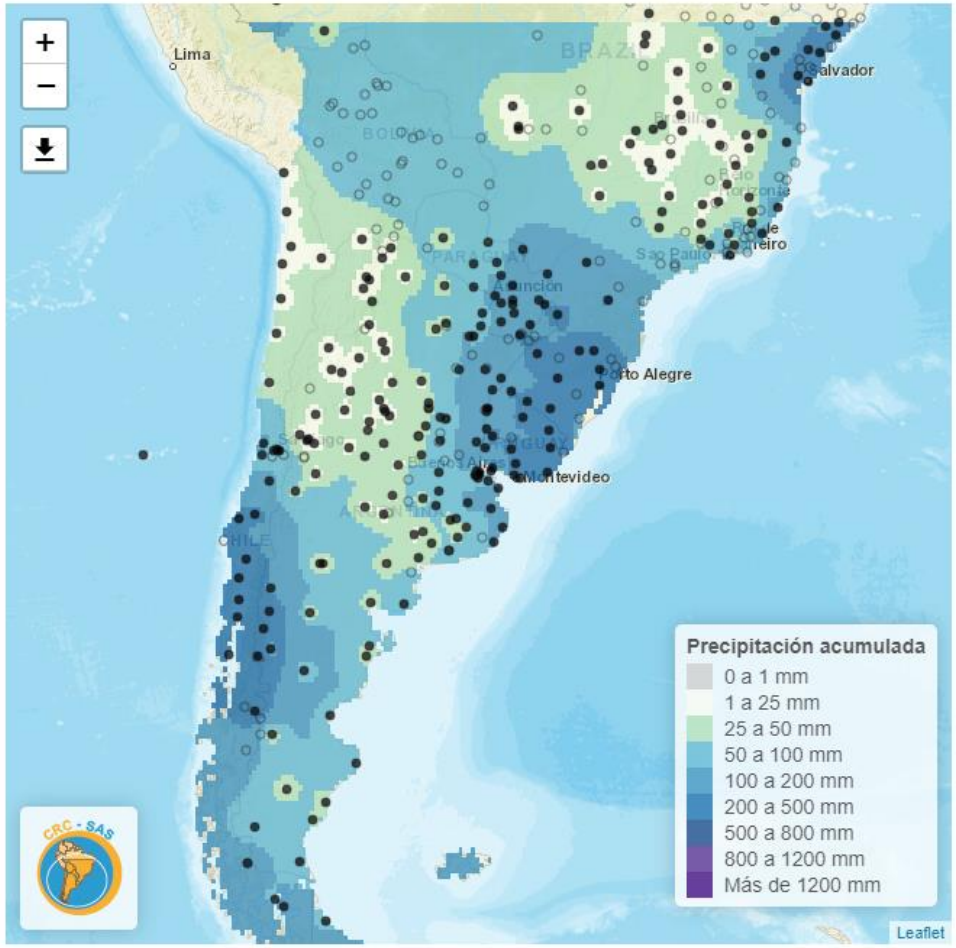




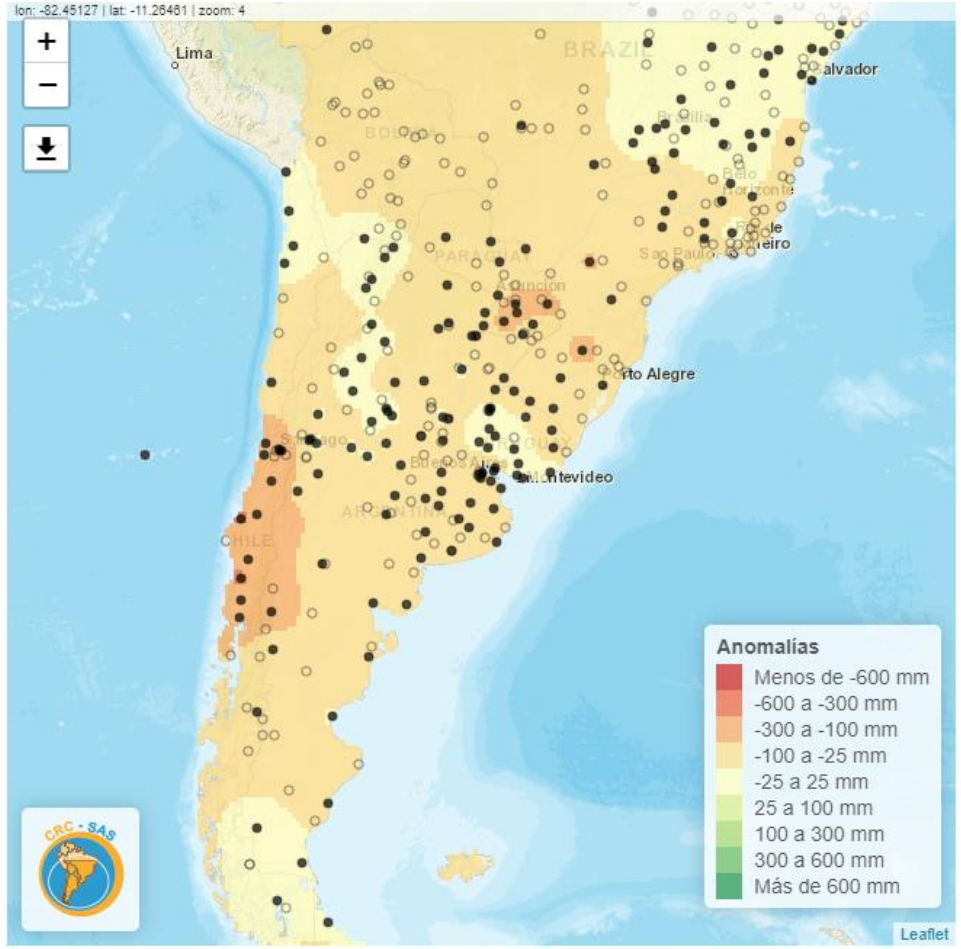
- Anomalías negativas sobre Uruguay, sureste de Brasil, norte y noreste de Argentina. Zona centro y norte de Chile.
- Las anomalías positivas se observaron sobre Bolivia, norte de Paraguay, centro de Chile y en Argentina sobre Patagonia y sur de Buenos Aires.

PRECIPITACIÓN
Del trimestre

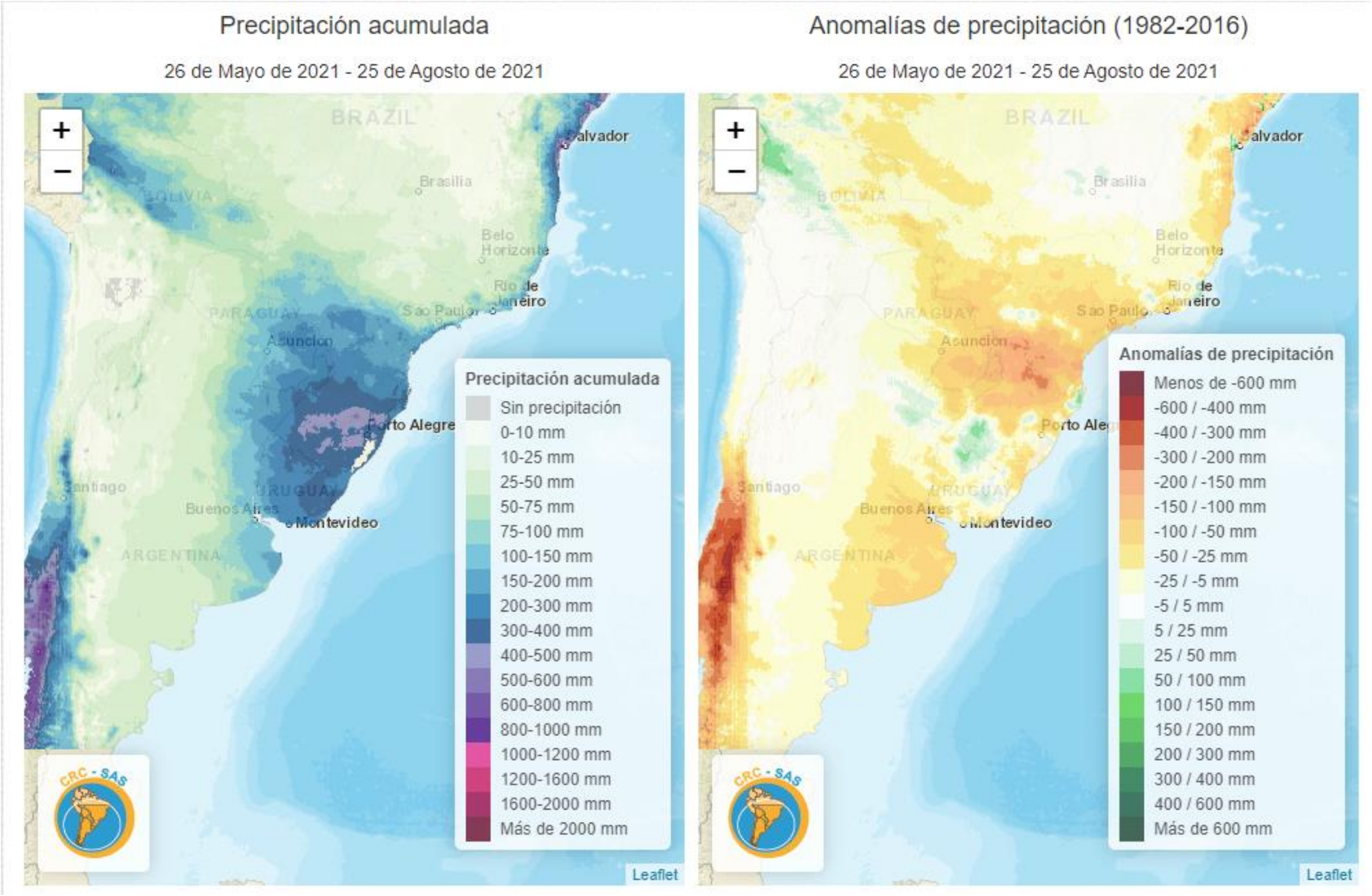
Precipitación acumulada - 2021-06-01 a 2021-08-31



Anomalías de precipitación acumulada - 2021-06-01 a 2021-08-31



PRECIPITACIÓN ESTIMADA (CHIRPS)

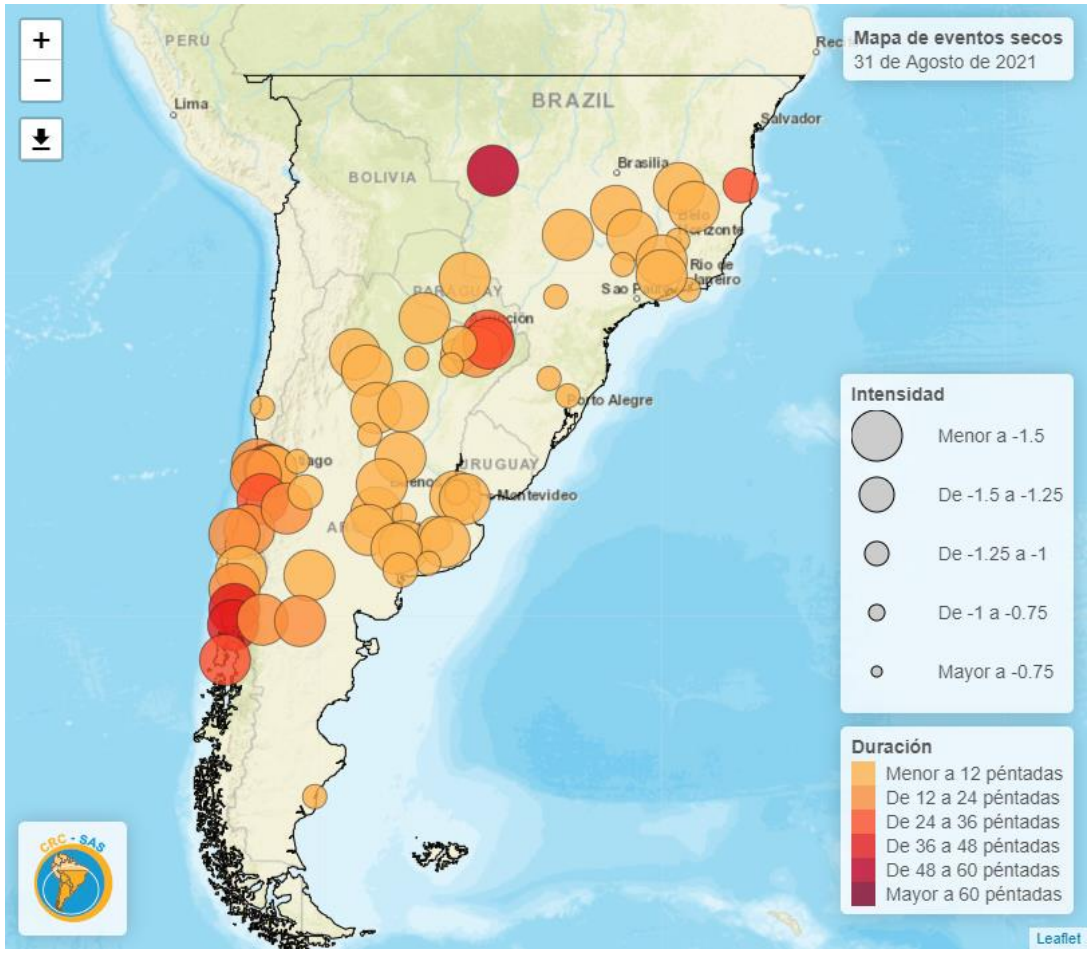


https://www.crc-sas.org/es/monitoreo_precipitacion_chirps.php

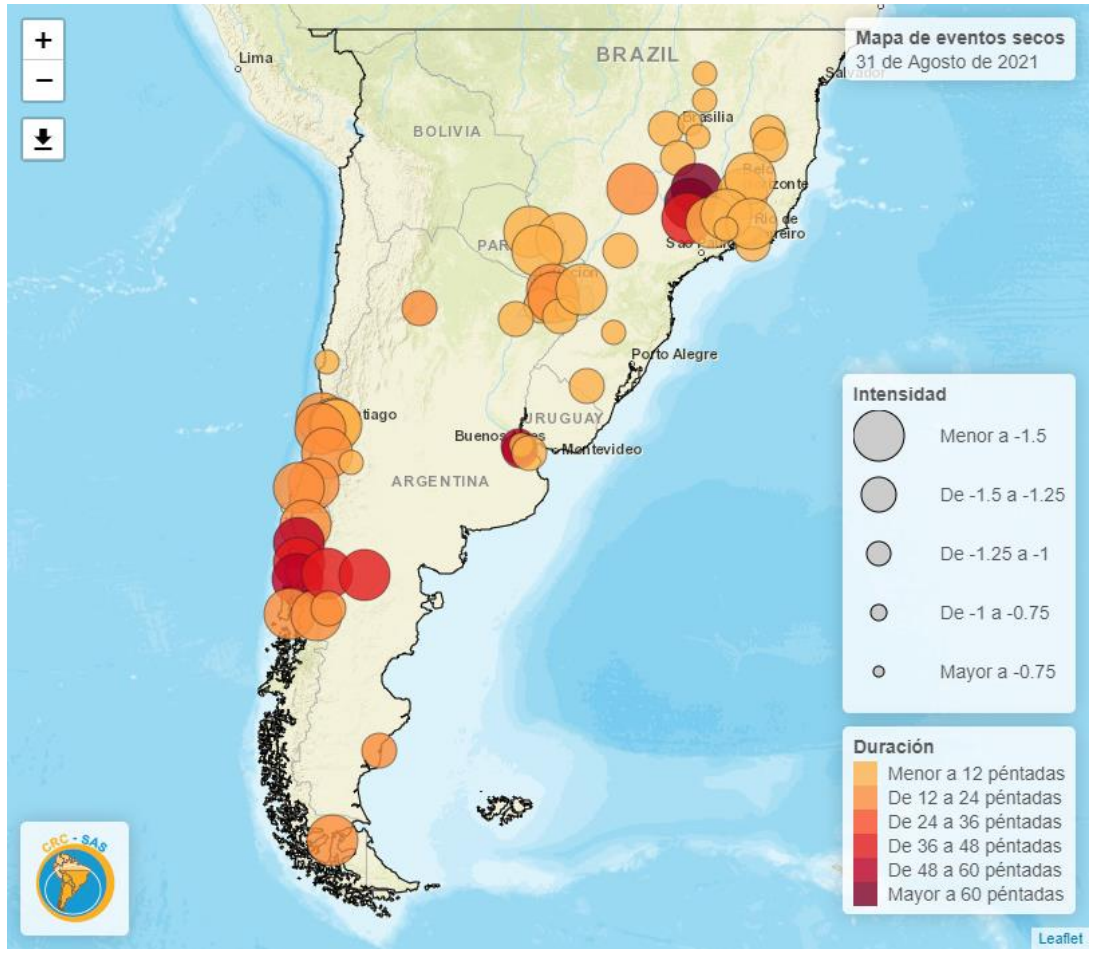
Monitoreo de Sequía

Mapa de eventos secos (SPI < -1) Intensidad + Duración (péntadas) – 31 de Agosto 2021

SPI 3

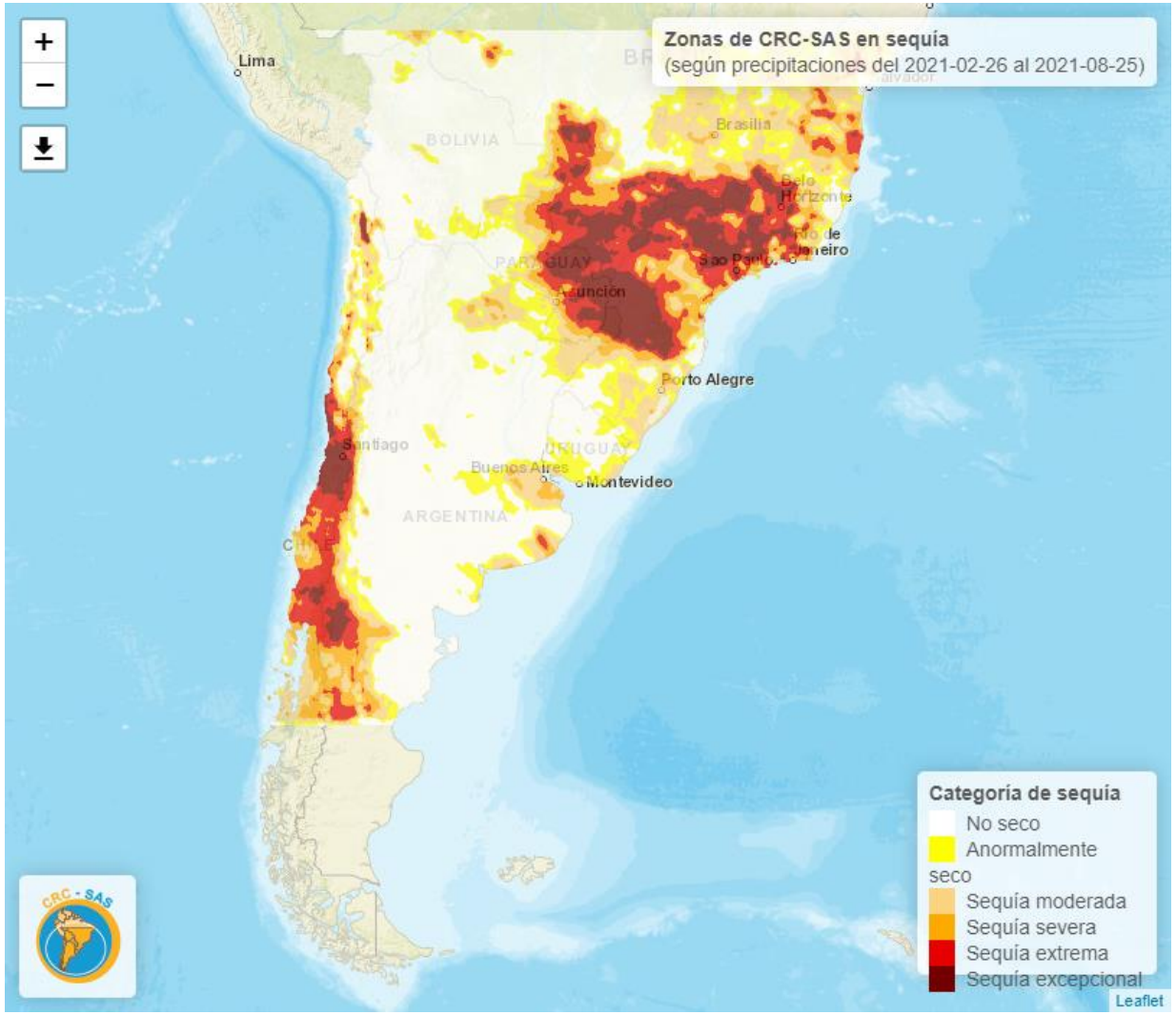


SPI 6



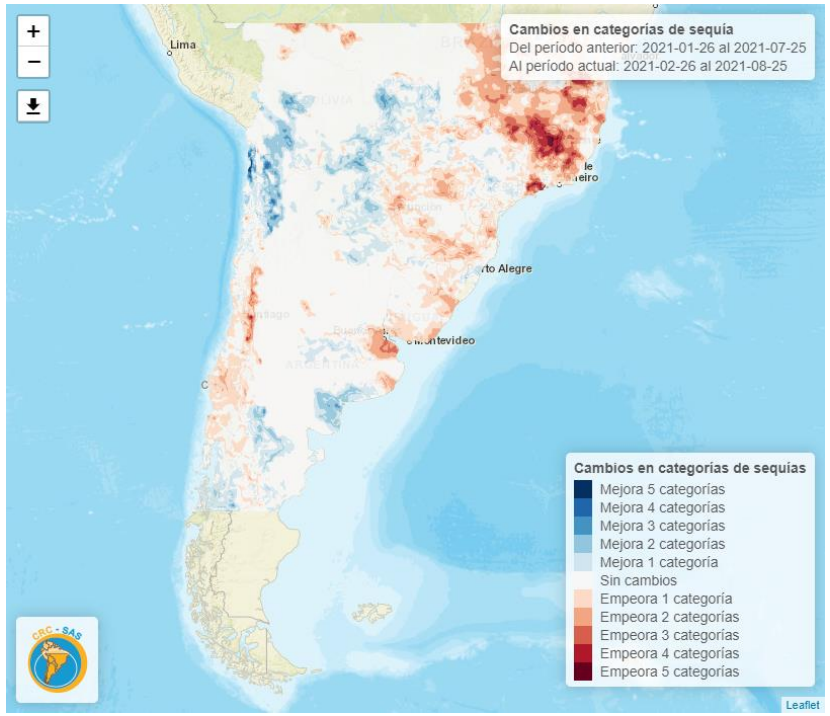
SPI 6 calculado con datos CHIRPS

LAS CONDICIONES DE SEQUÍA SE EXTIENDEN SOBRE PARTE DEL SUDESTE DE SUDAMÉRICA INCLUYENDO A LA CUENCA DEL PLATA Y GRAN PARTE DEL PAÍS.



Índice de Precipitación Estandarizado (SPI) de los últimos 6 meses, calculado al 25/08/2021: se mantienen las condiciones de sequía entre moderada y extrema en el noroeste de Patagonia y severa a excepcional en el norte de la Cuenca del Plata: este de Paraguay y sur de Brasil.

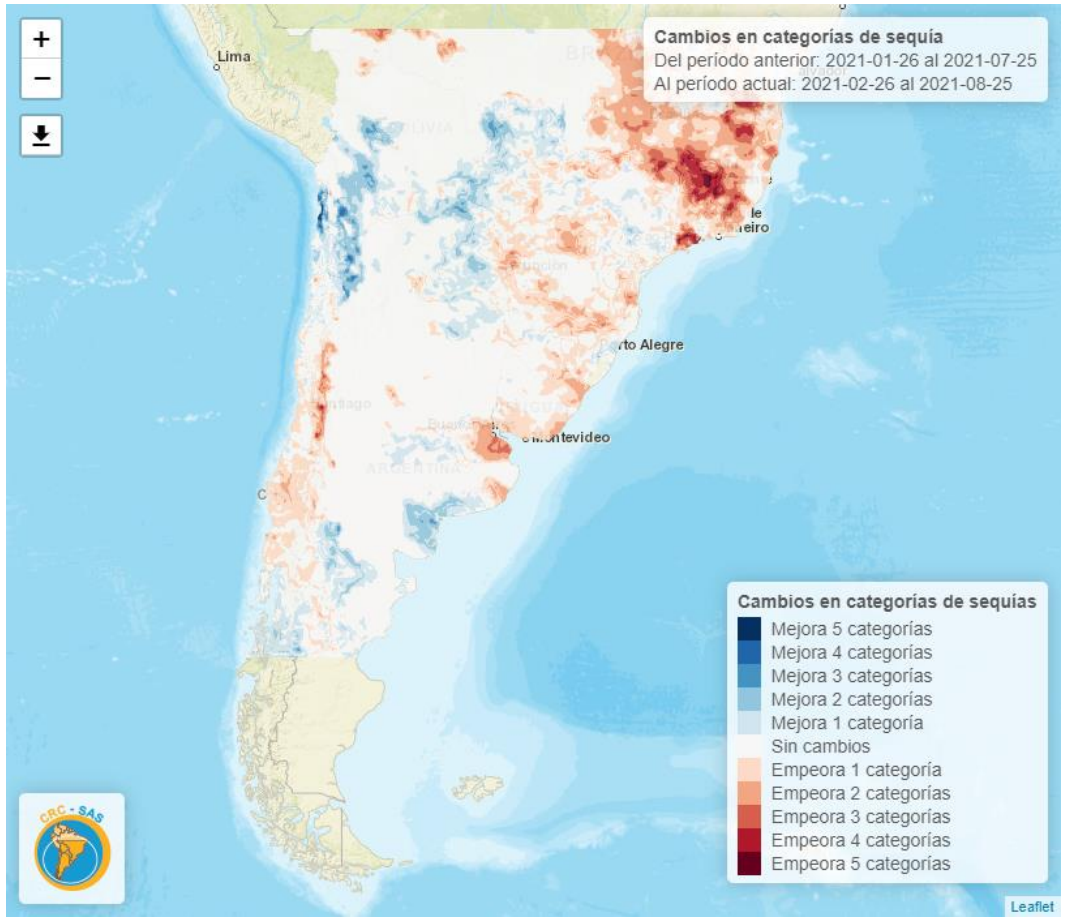
Con respecto al mes pasado, leves empeoramientos en el sector este de la cuenca del plata, algunas mejoras en el norte de Patagonia y región central de Argentina.

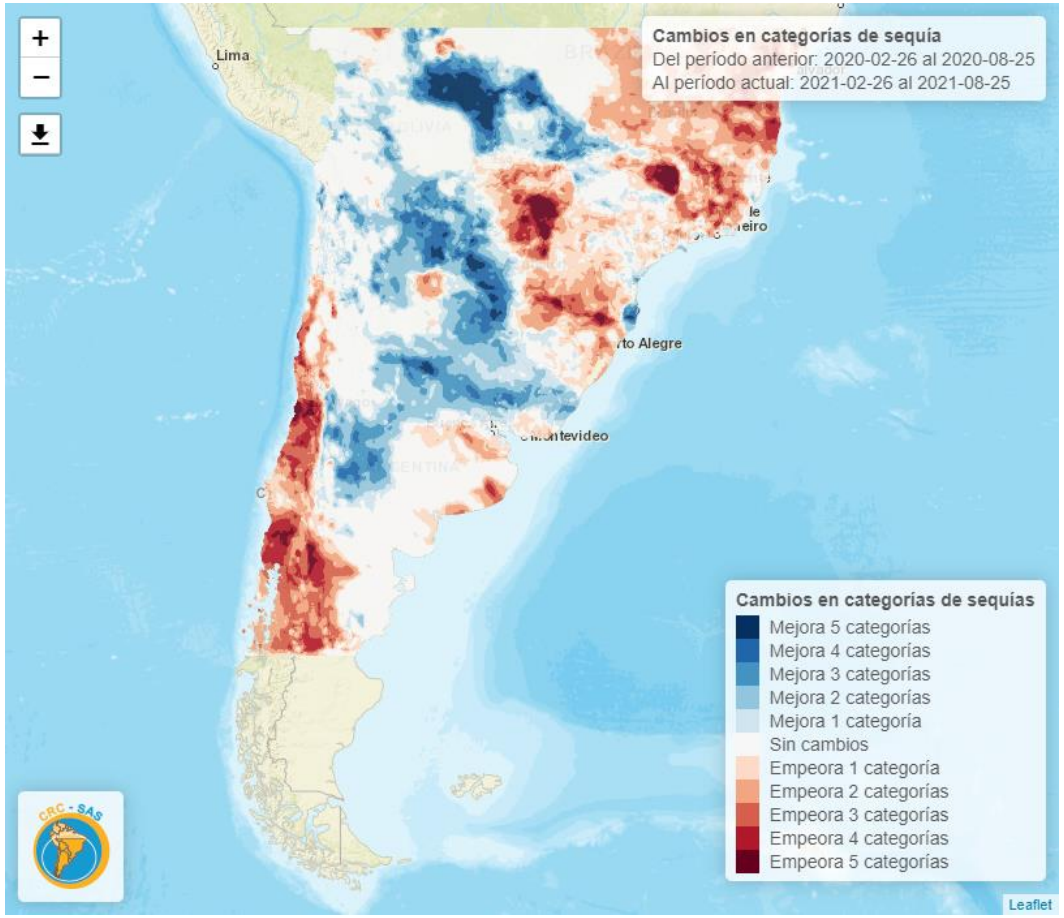


Cambios en la categorización de la sequía usando SPI 6 respecto al mes anterior

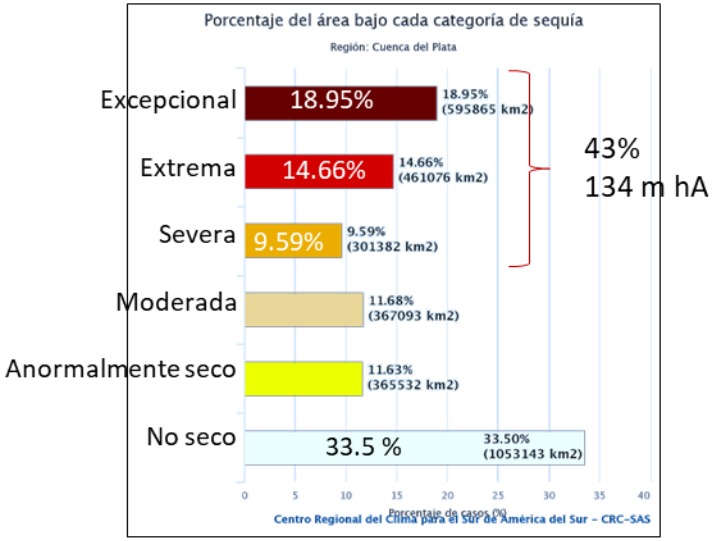
Fuente: https://sissa.crc-sas.org/monitoreo/estado-actual-de-la-sequia/

Evolución de la sequía según SPI6 (CHIRPS) en el último mes (Izq.) y en el último año (der.)





Cuenca del Plata



Cuenca del río Uruguay

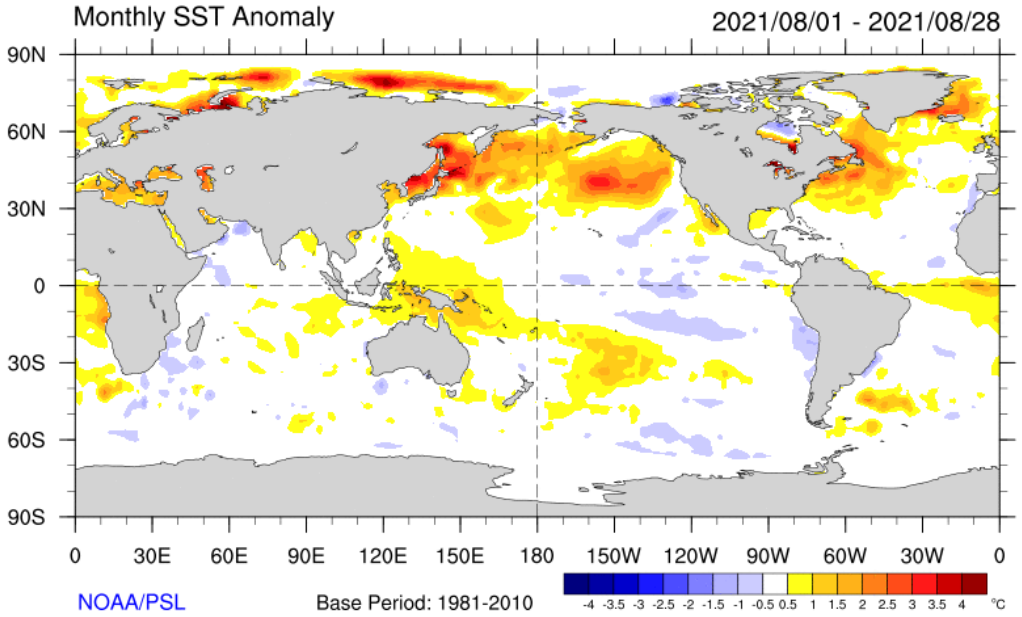
Cuenca del río Paraguay

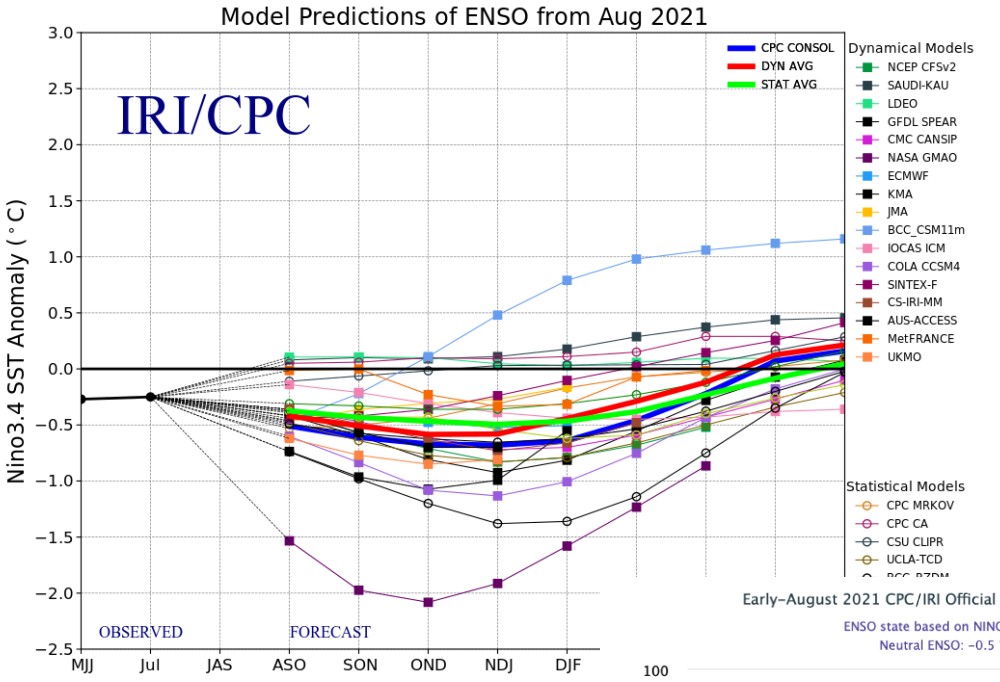
Cuenca del río Iguazú

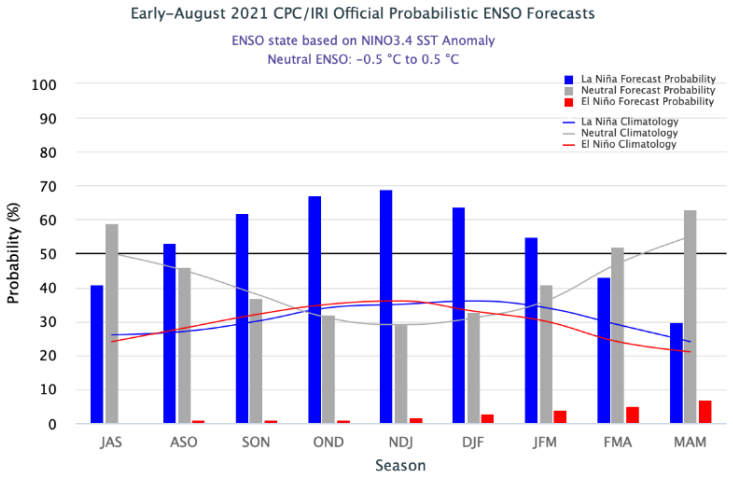
Cuenca del río Paraná

CONDICIONES
DEL PACÍFICO ECUATORIAL

EL NIÑO OSCILACIÓN DEL SUR (ENOS)



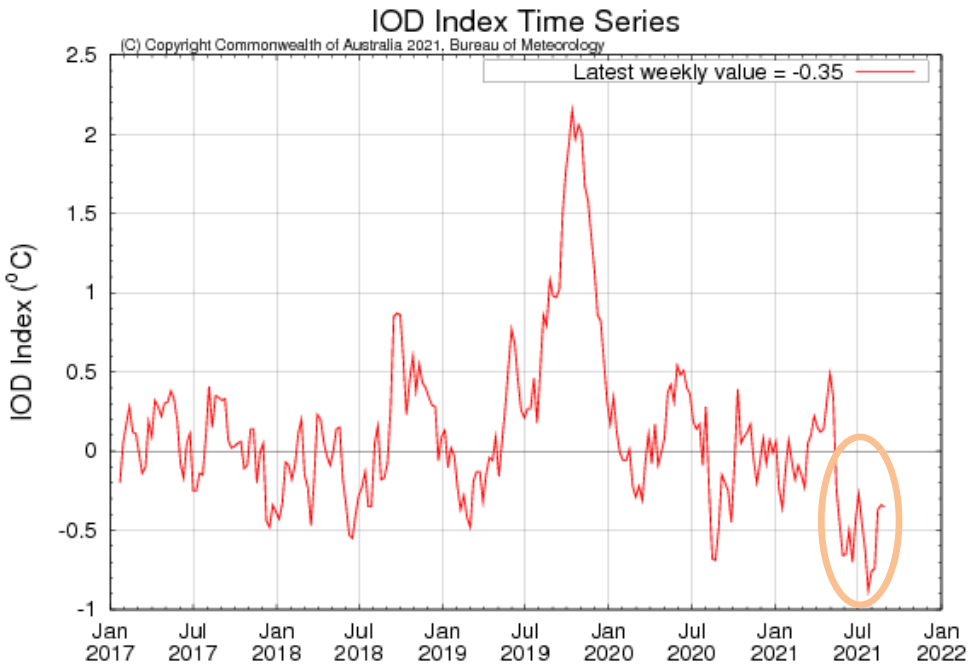


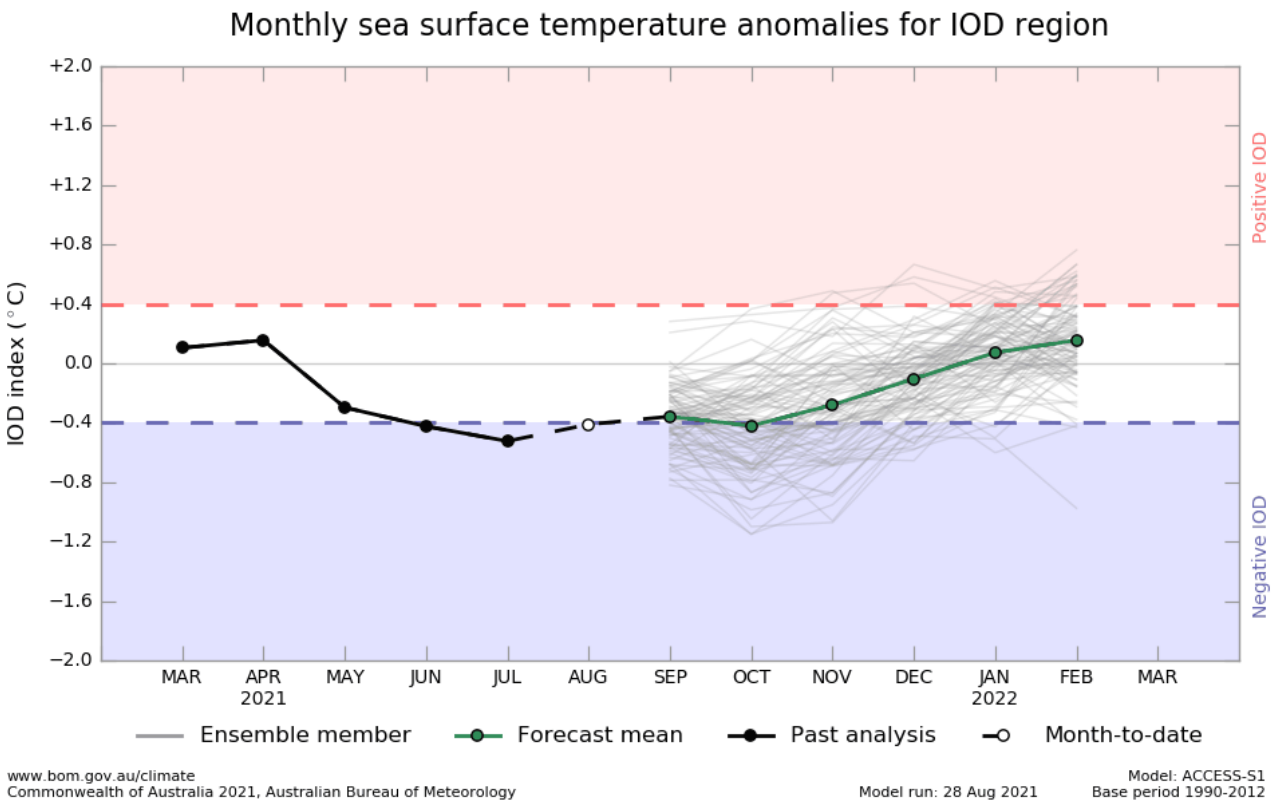


Estado actual: Neutral

Pronóstico (Sept-Oct-Nov): 62% de probabilidad de Niña

DIPOLO DEL OCÉANO ÍNDICO (DOI)

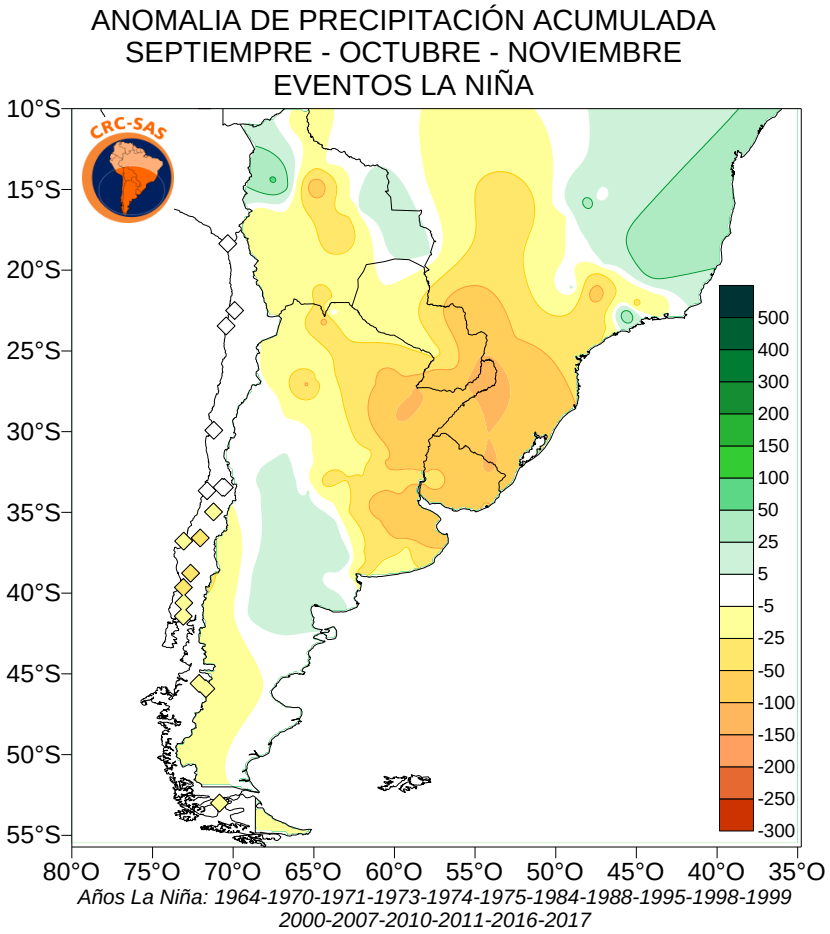


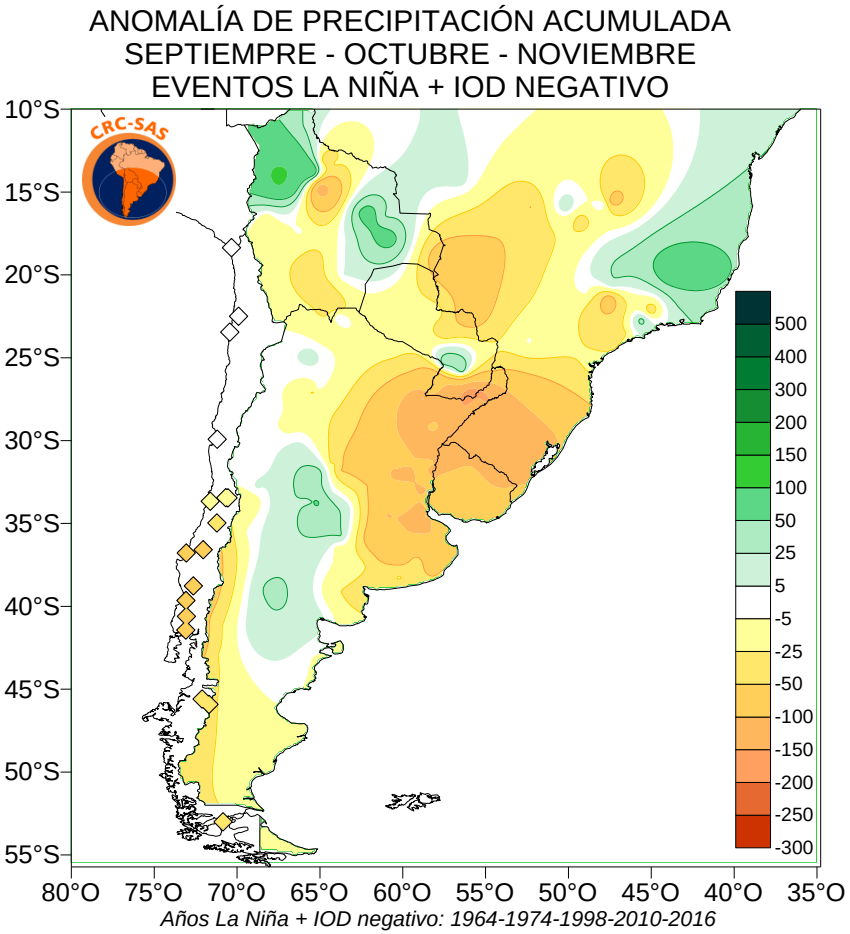


Estado actual: Fase negativa

Pronóstico (Sept-Oct-Nov): Fase negativa

Composición de anomalías eventos La Niña

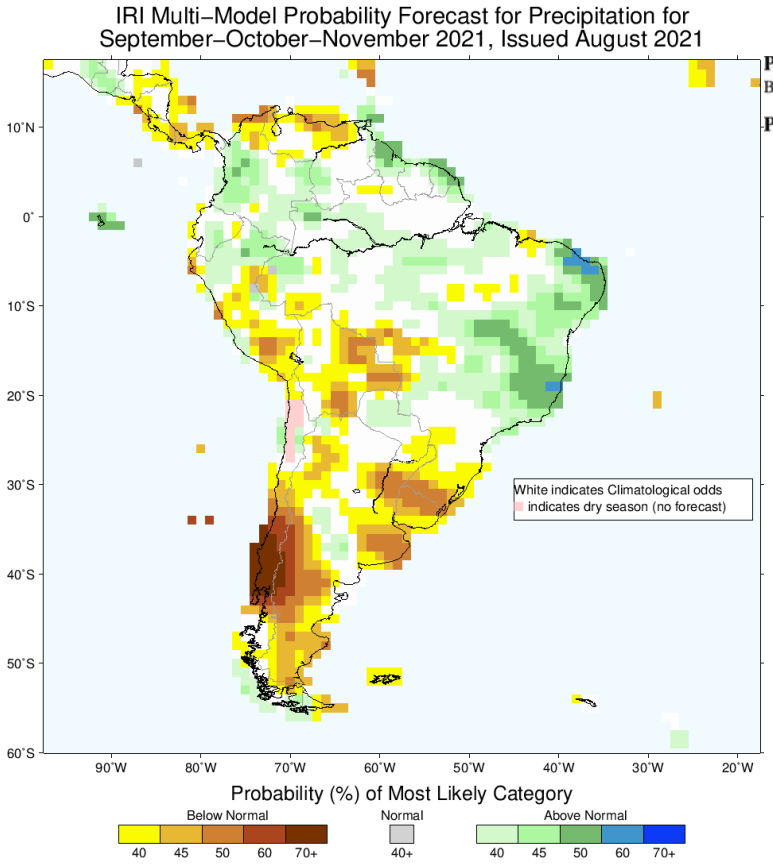




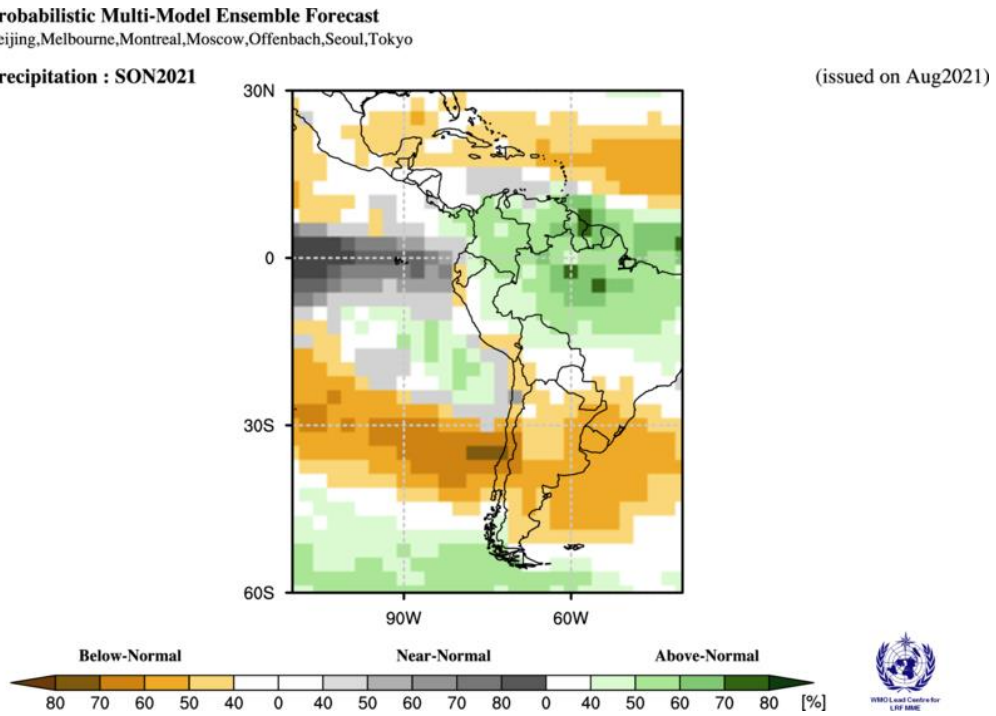
PRONÓSTICO DE PRECIPITACIÓN
Septiembre-Octubre-Noviembre 2021
(SON 2021)

Precipitación SON 2021

IRI

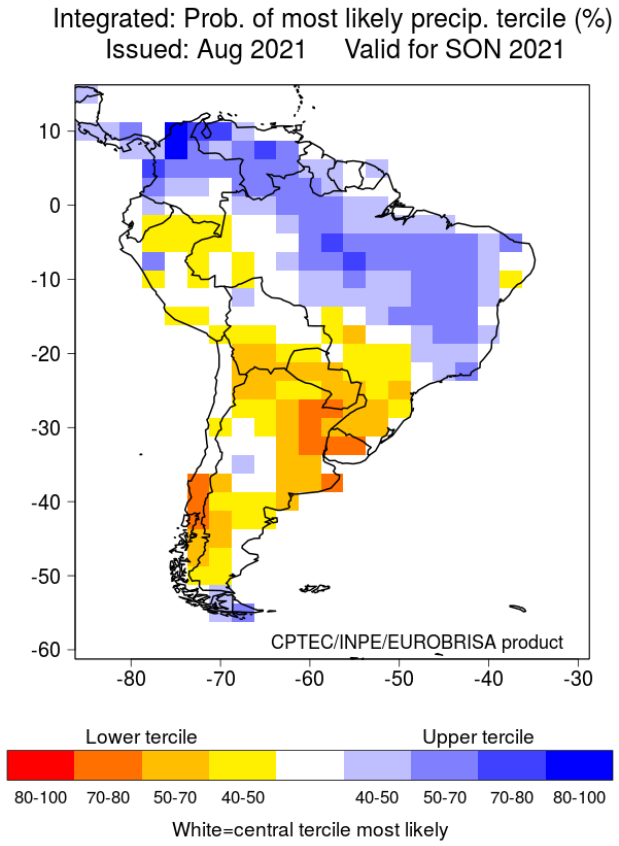


WMO MME



Fuente: https://www.wmolc.org

EUROBRISA

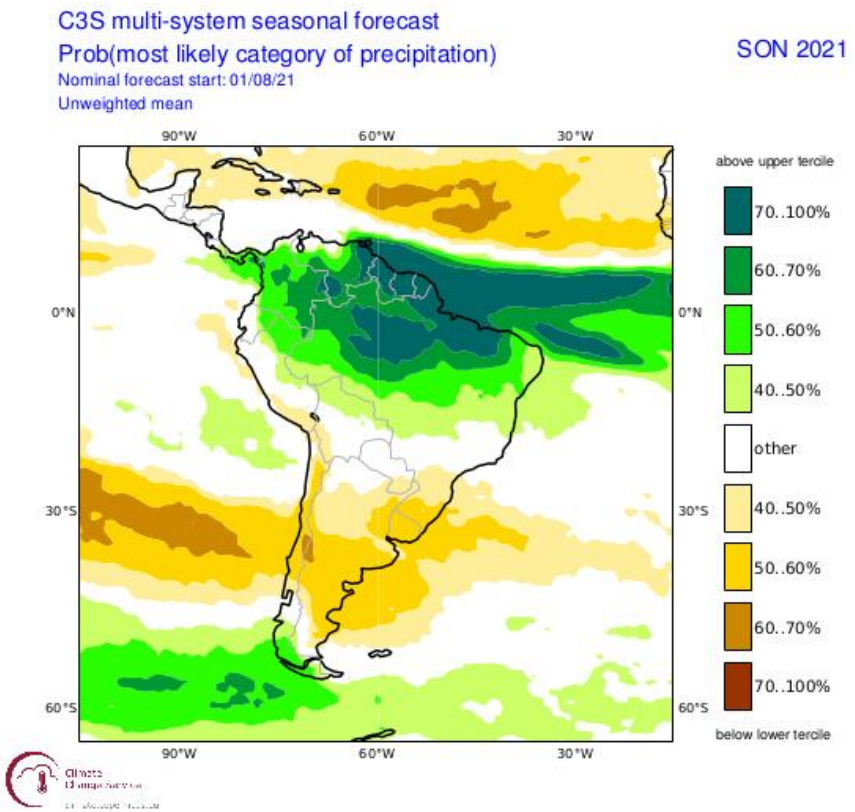


https://iri.columbia.edu/our-expertise/climate/forecasts/seasonal-climate-forecasts/

http://eurobrisa.cptec.inpe.br/

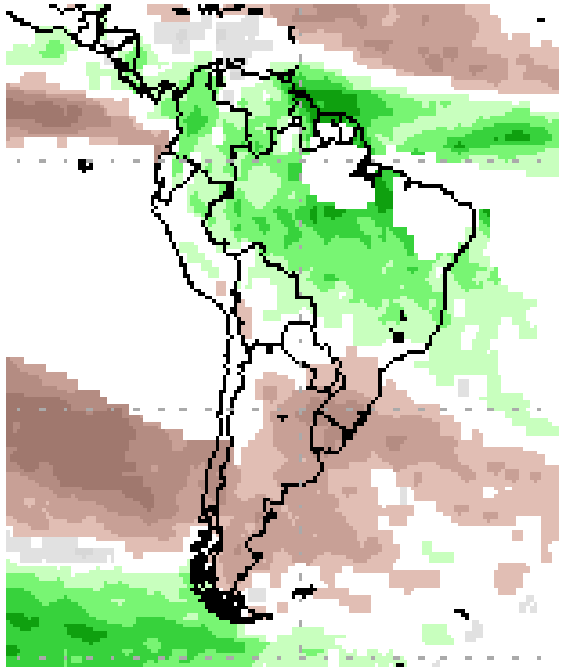
Precipitación SON 2021

Modelo Copernicus



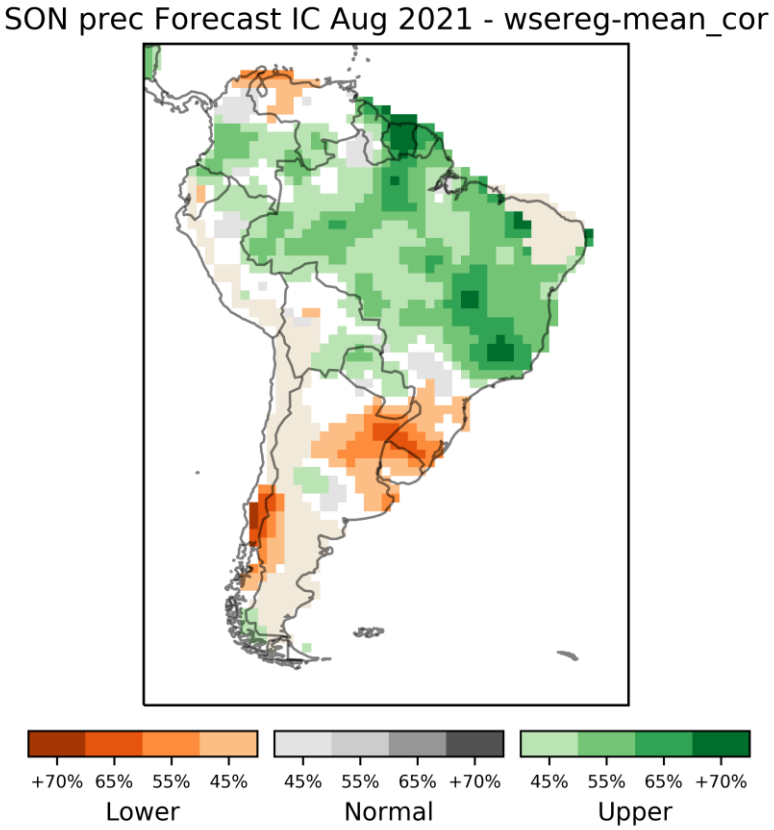
https://climate.copernicus.eu/charts/c3s_seasonal/

National Multi-Model Ensemble



http://www.cpc.ncep.noaa.gov/products/NMME/

CIMA-CLIMAX

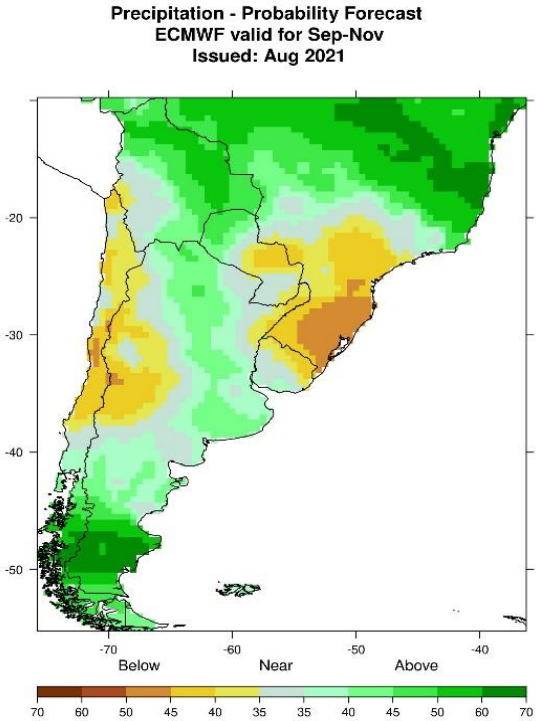


http://climar.cima.fcen.uba.ar/Estacional.php

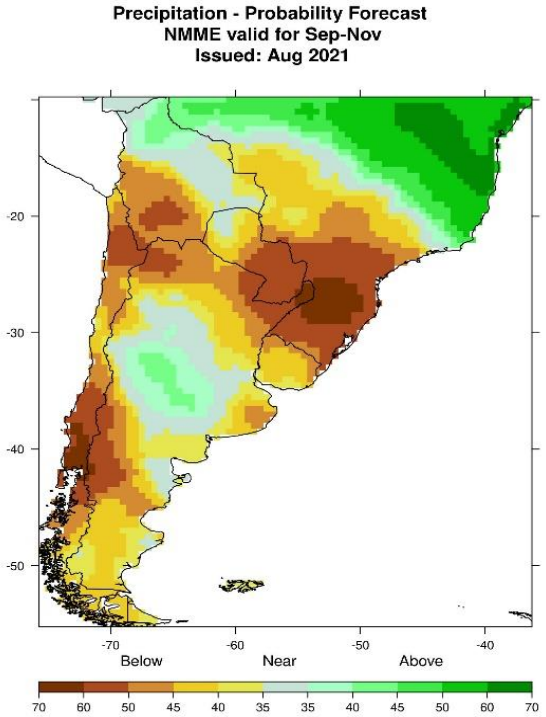
Precipitación SON 2021

Enfoque - Método de calibración y reducción de escala (Análisis de correlación canónica-ACC) impuesto sobre las salidas crudas de modelos dinámicos*:

Modelo ECMWF



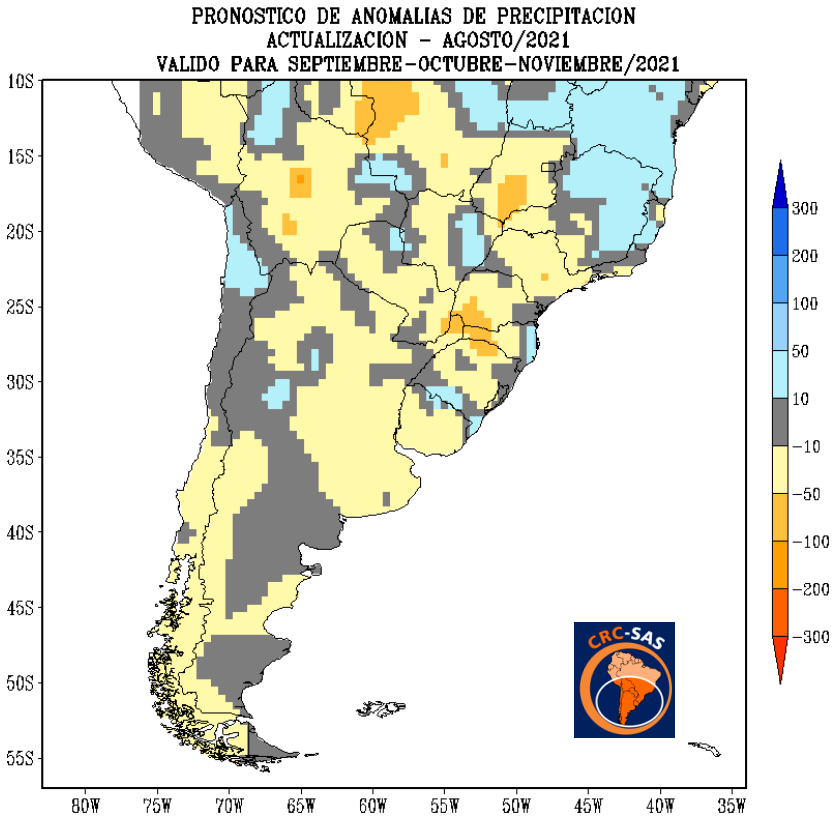
Modelo NMME

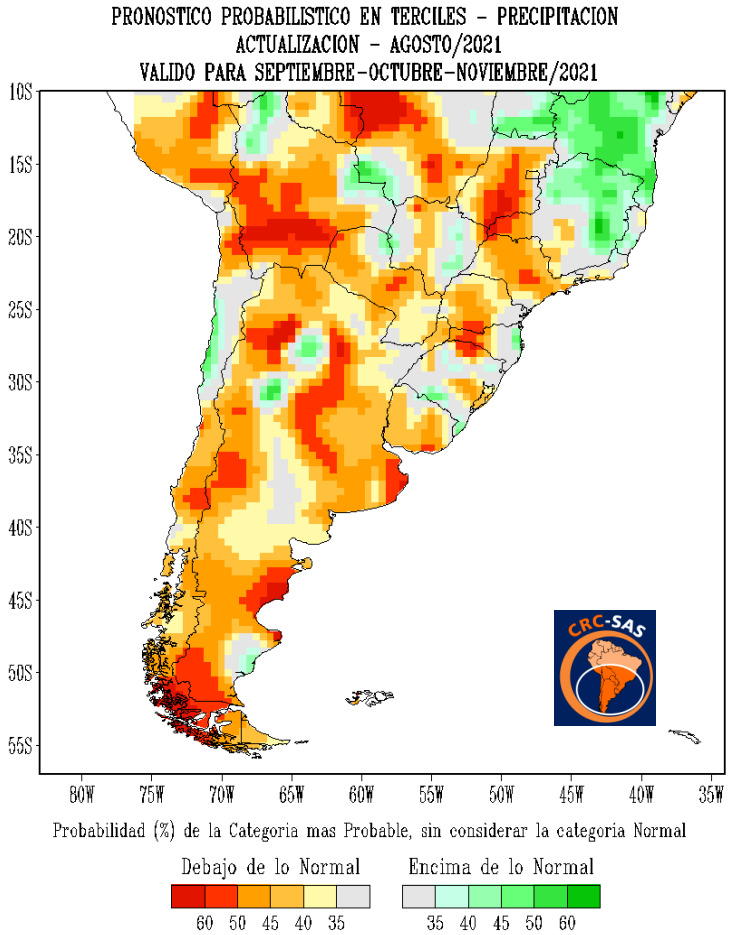


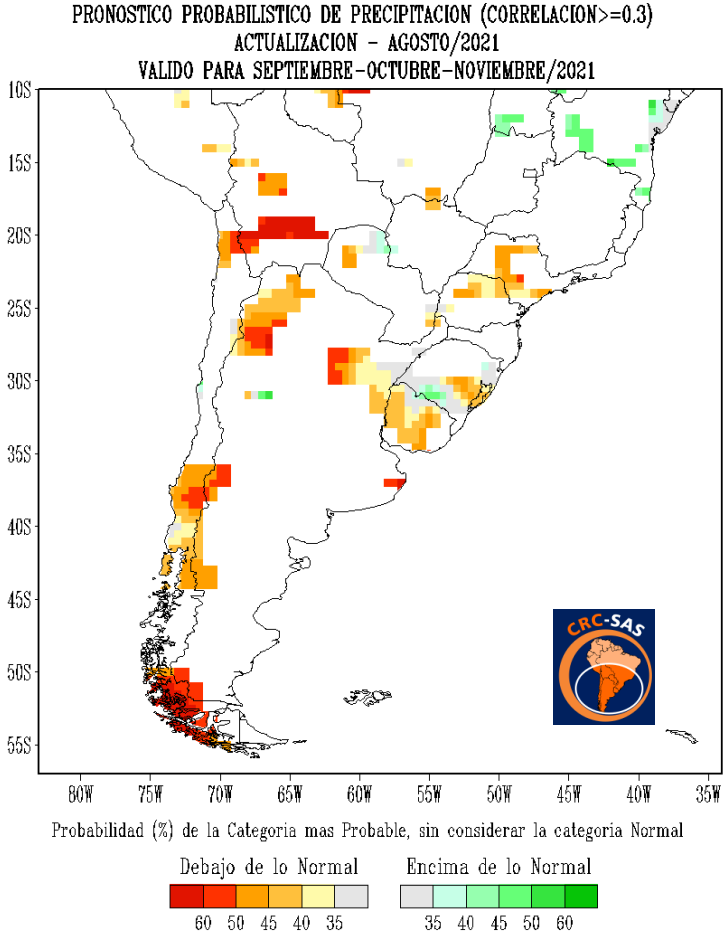
*Actualizaciones: Lo nuevo es que se ha reemplazado toda la base de datos de NMME y se han agregado archivos con nuevos hindcasts **(1991-2020)**

Precipitación SON 2021

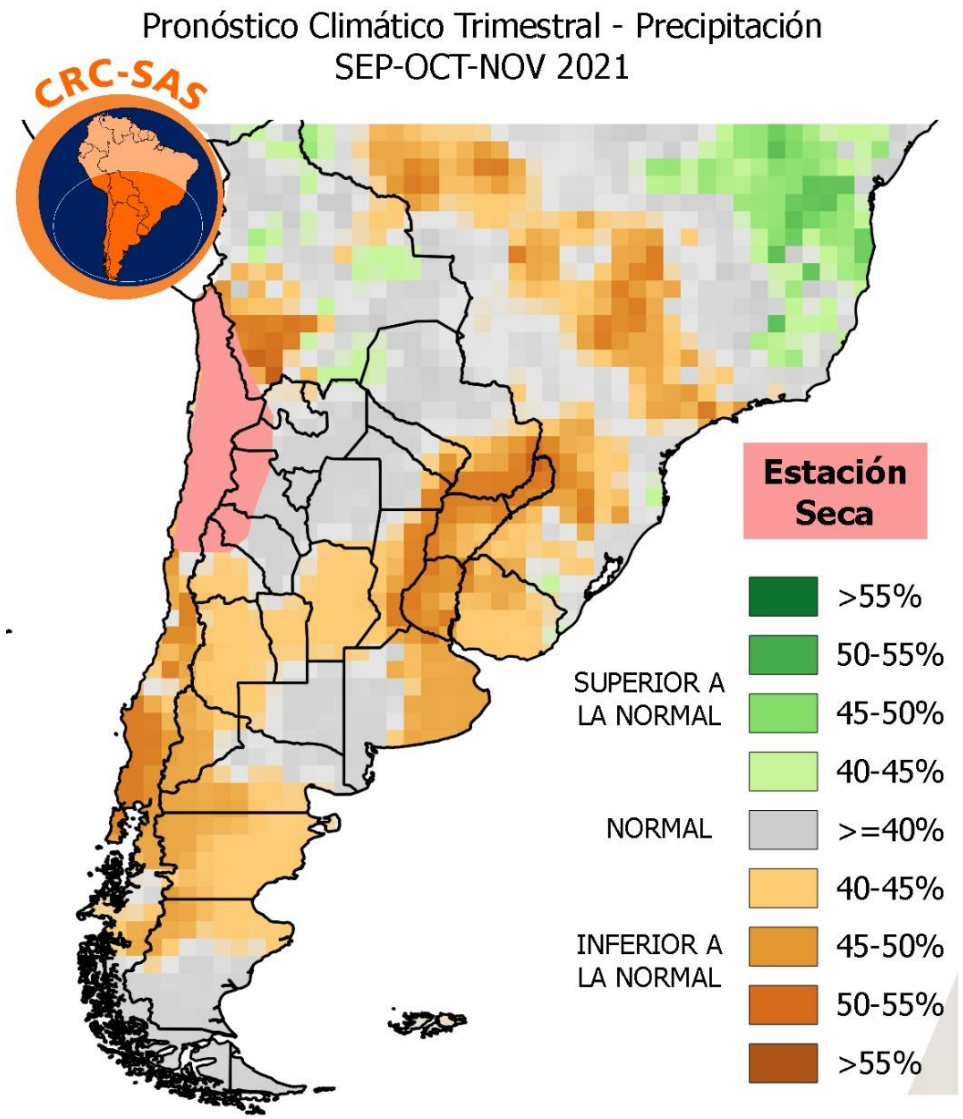
CRC-SAS







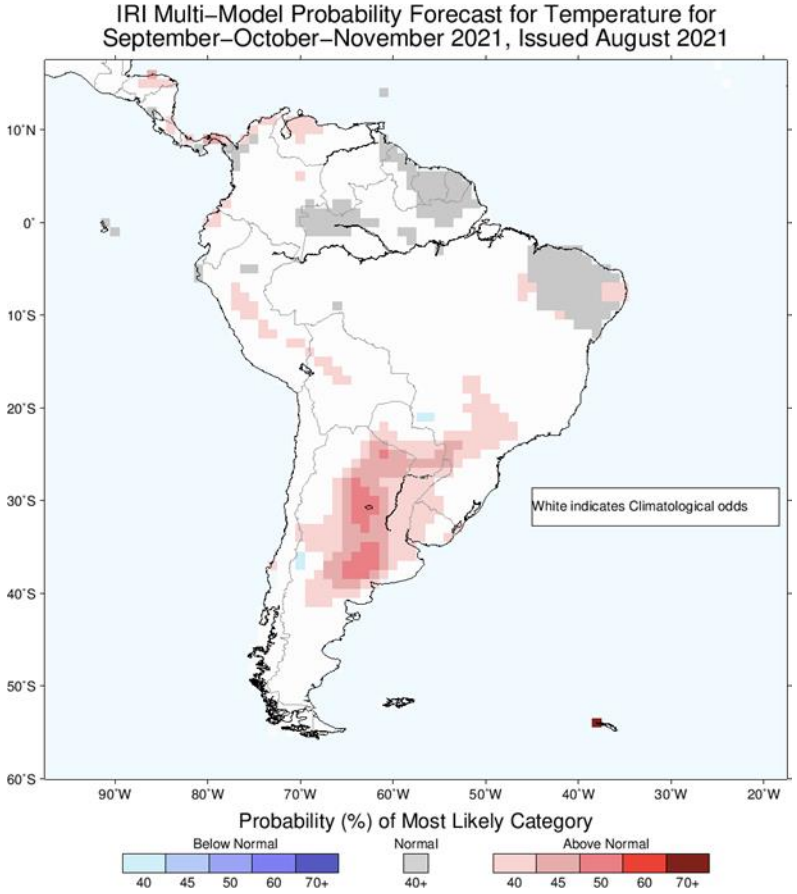
Consenso Regional



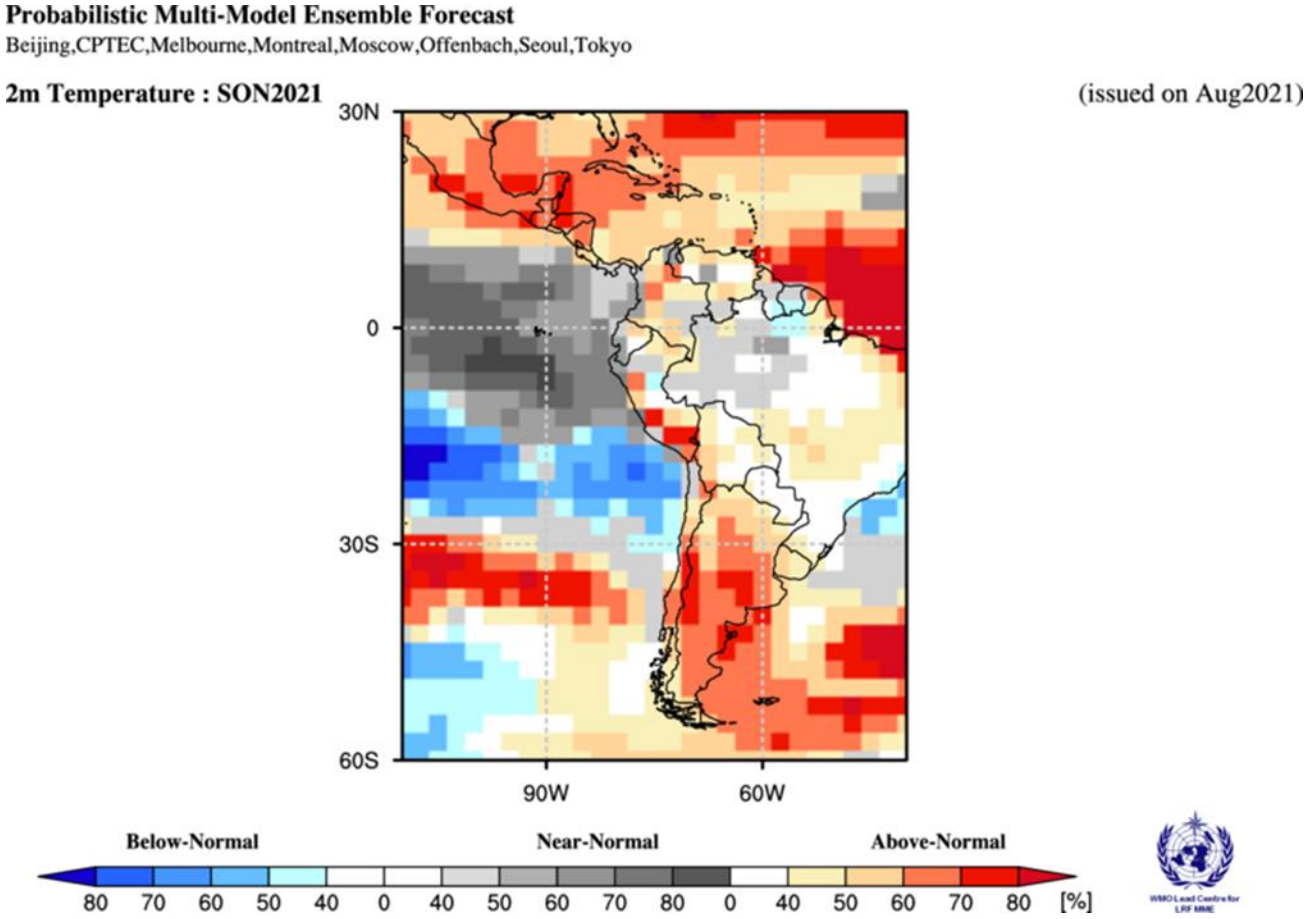
PRONÓSTICO DE TEMPERATURA
Septiembre-Octubre-Noviembre 2021
(SON 2021)

Temperatura SON 2021

IRI

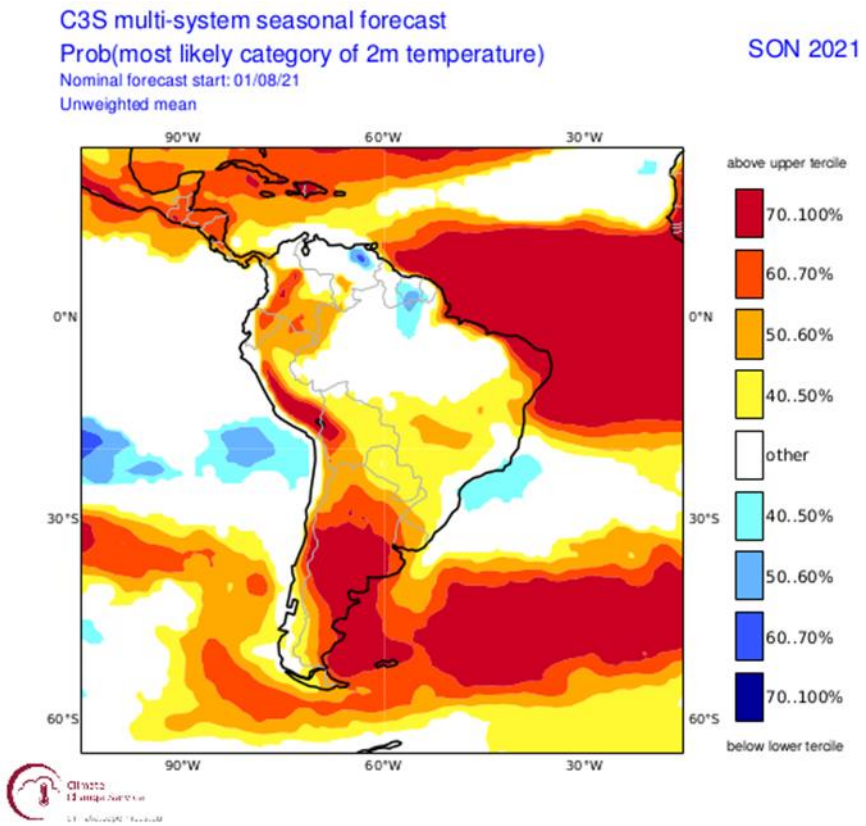


WMO MME

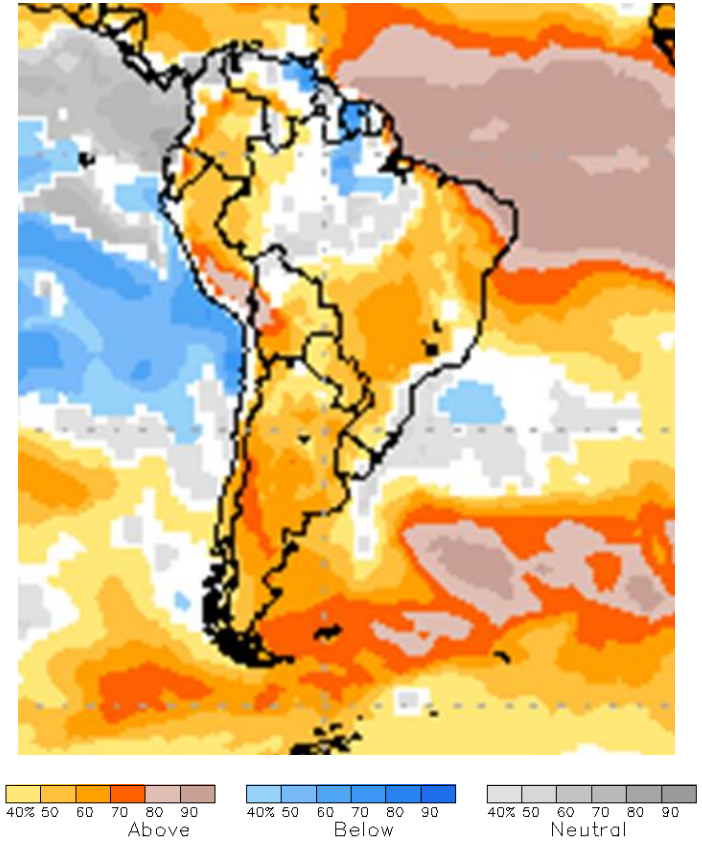


Temperatura SON/21

Copernicus

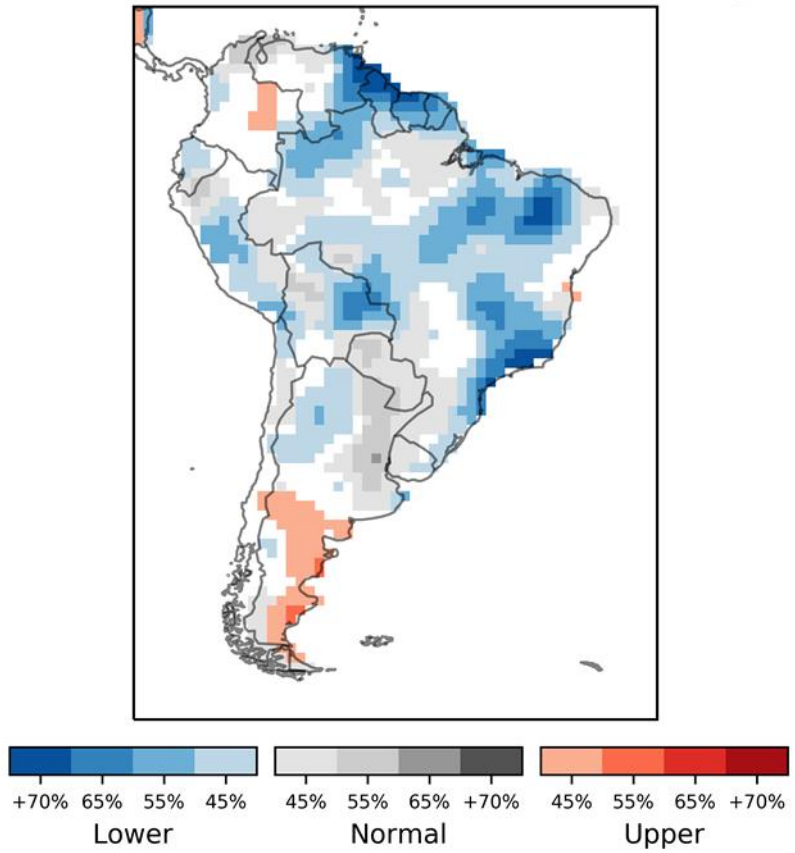


National Multi-Model Ensemble



CIMA-CLIMAX

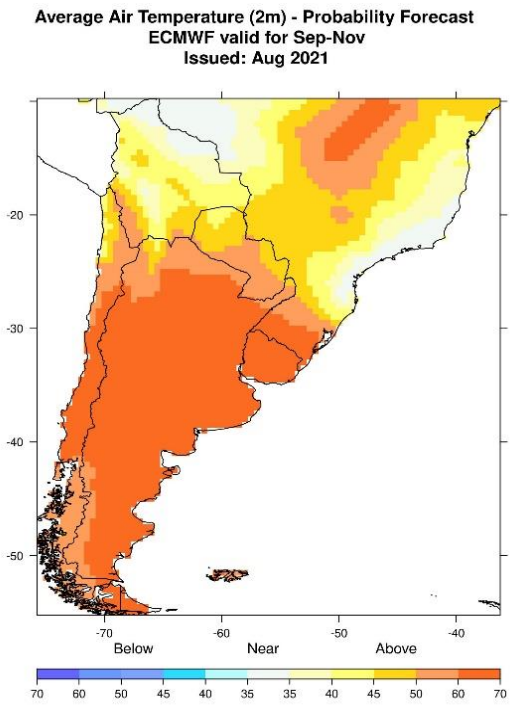
SON tref Forecast IC Aug 2021 - wsereg-mean_cor



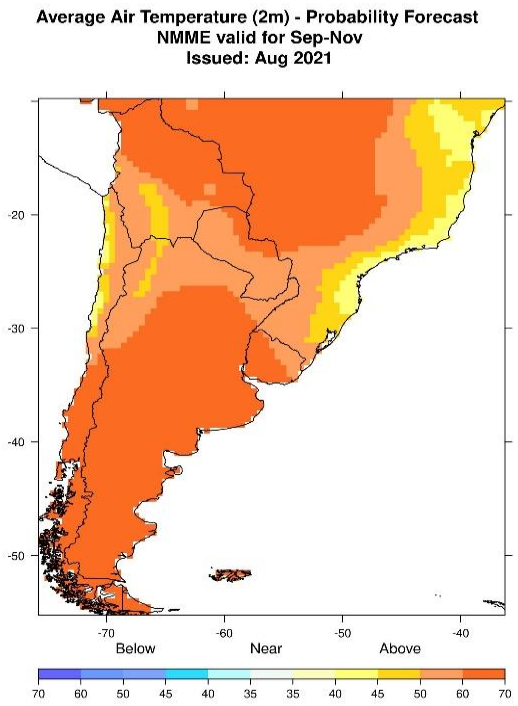
Temperatura media SON 2021

Enfoque - Método de calibración y reducción de escala (Análisis de correlación canónica-ACC) impuesto sobre las salidas crudas de modelos dinámicos*:

Modelo ECMWF



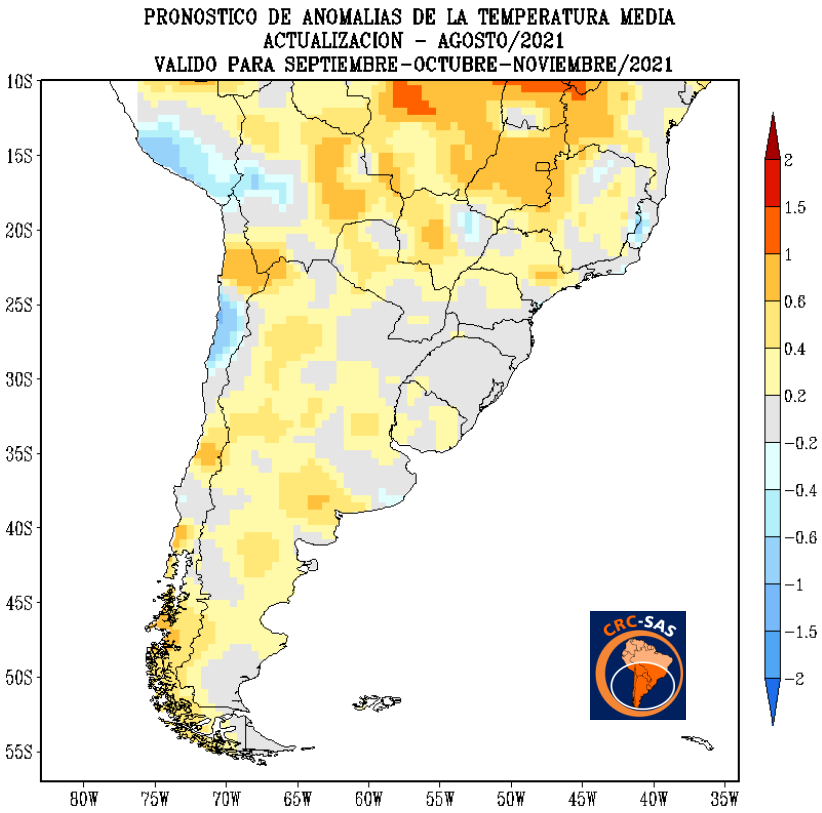
Modelo NMME

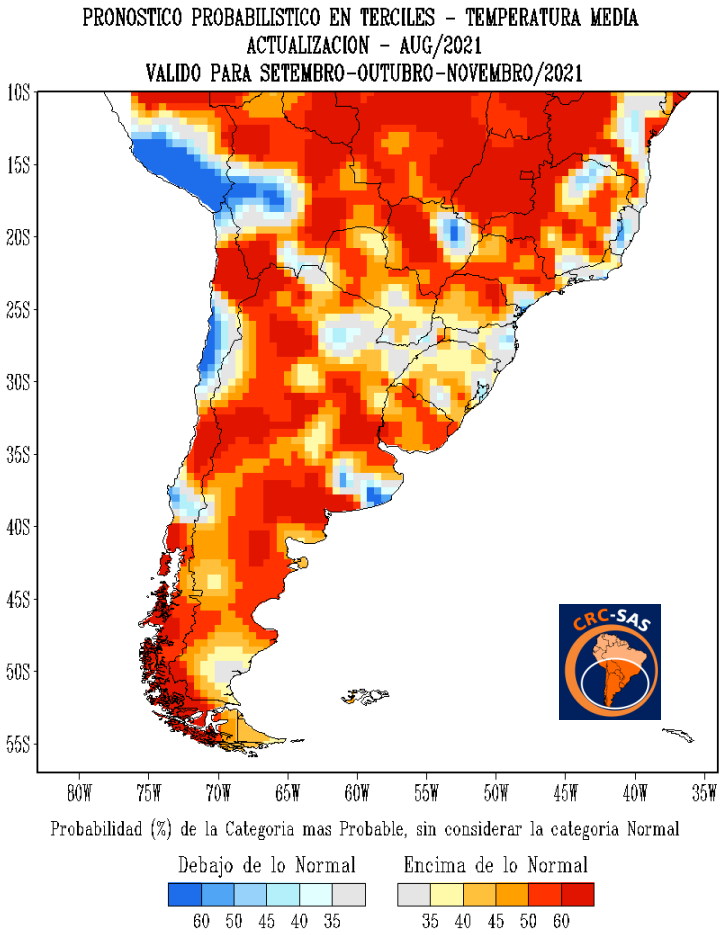


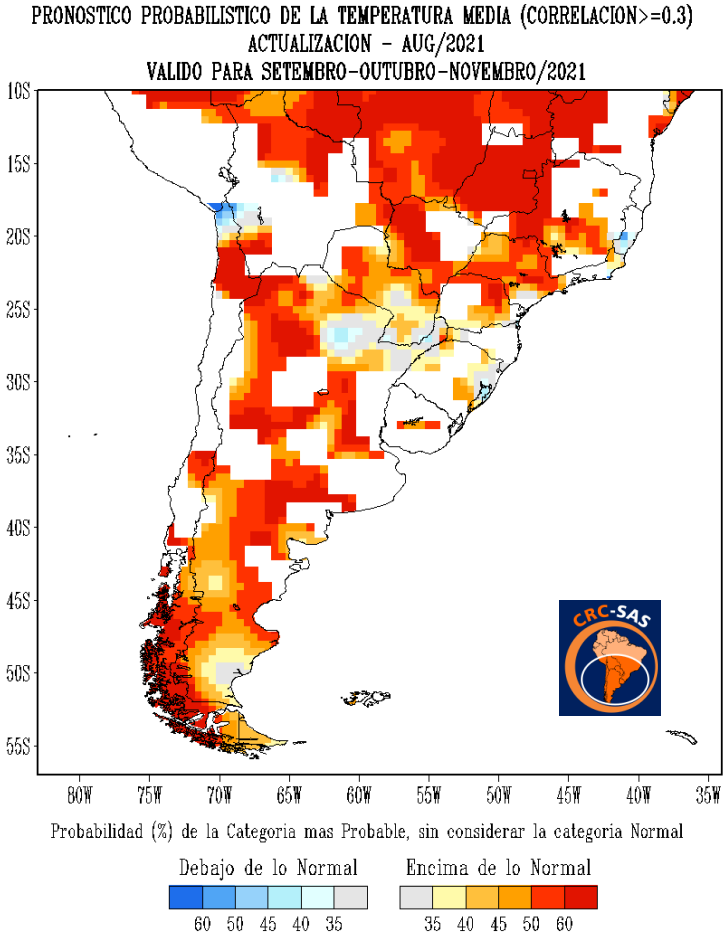
*Actualizaciones: Lo nuevo es que se ha reemplazado toda la base de datos de NMME y se han agregado archivos con nuevos hindcasts **(1991-2020)**

Temperatura SON/21

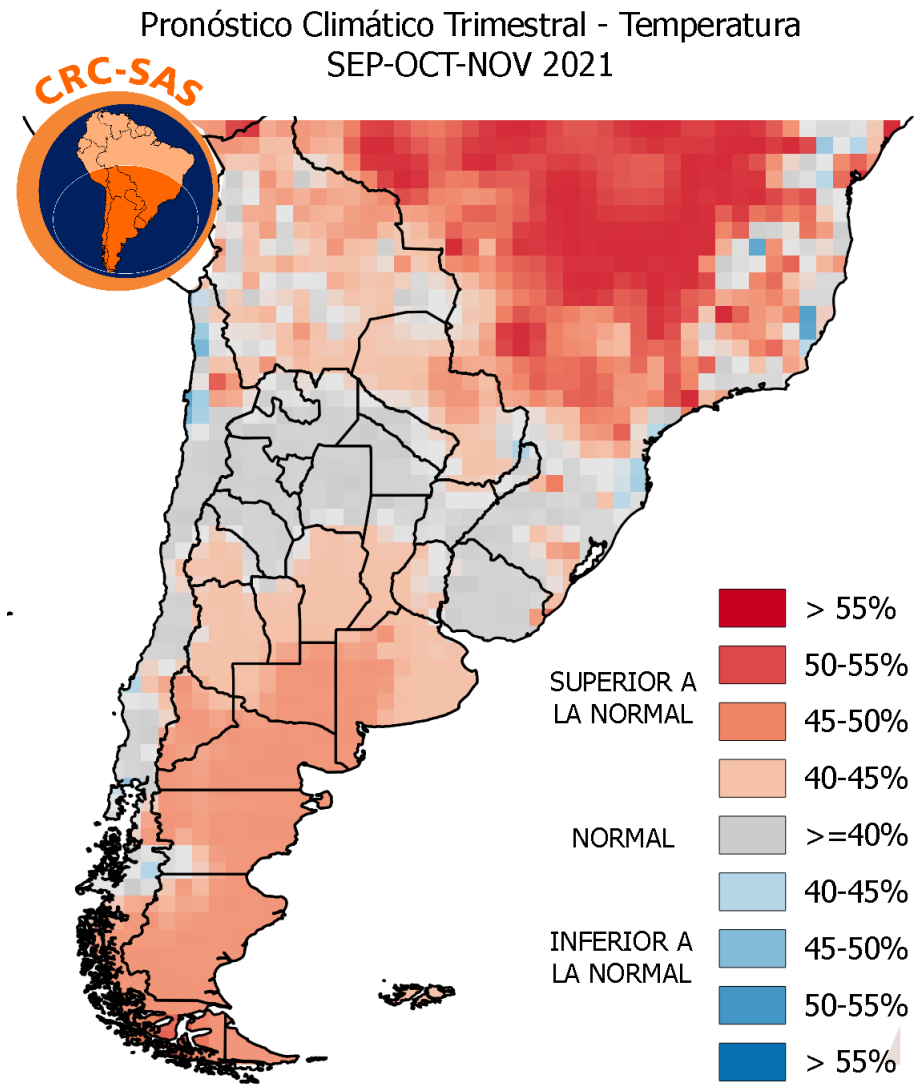
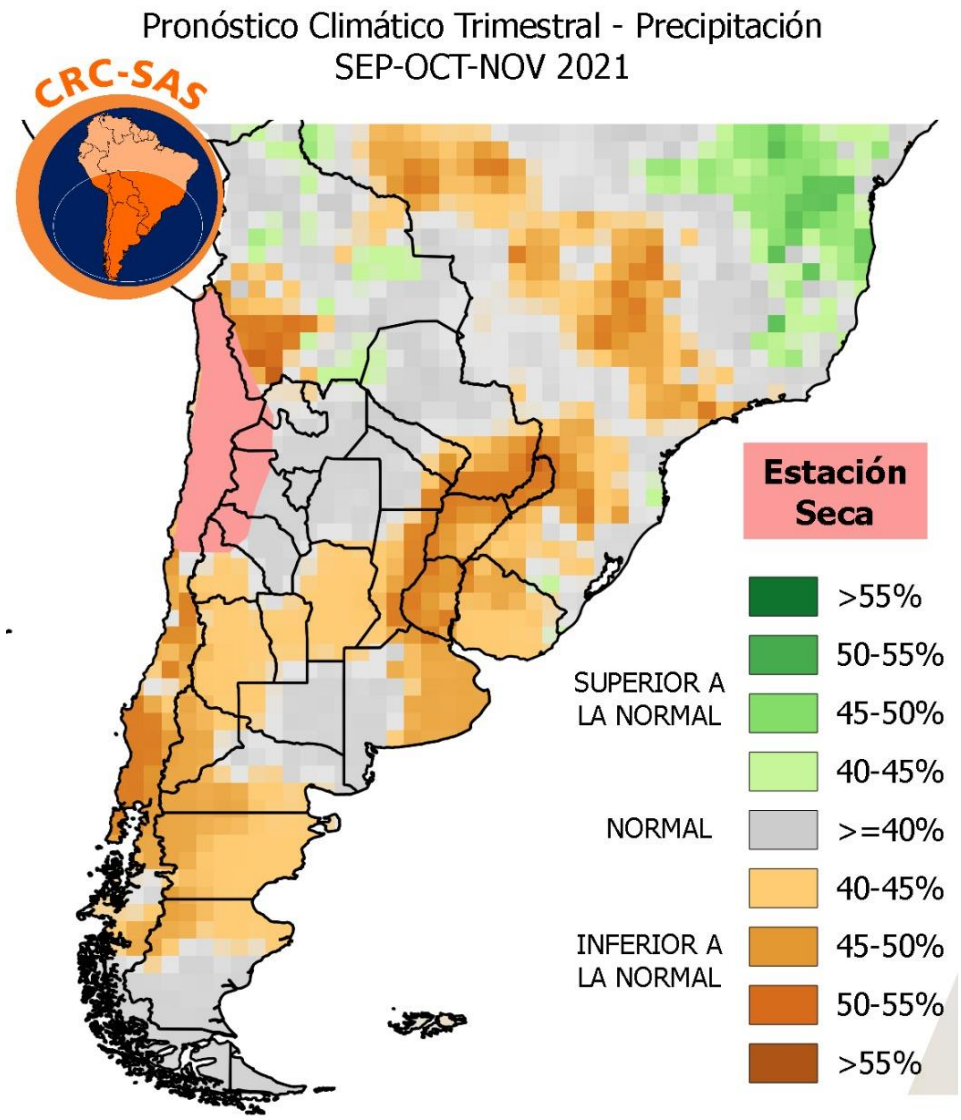
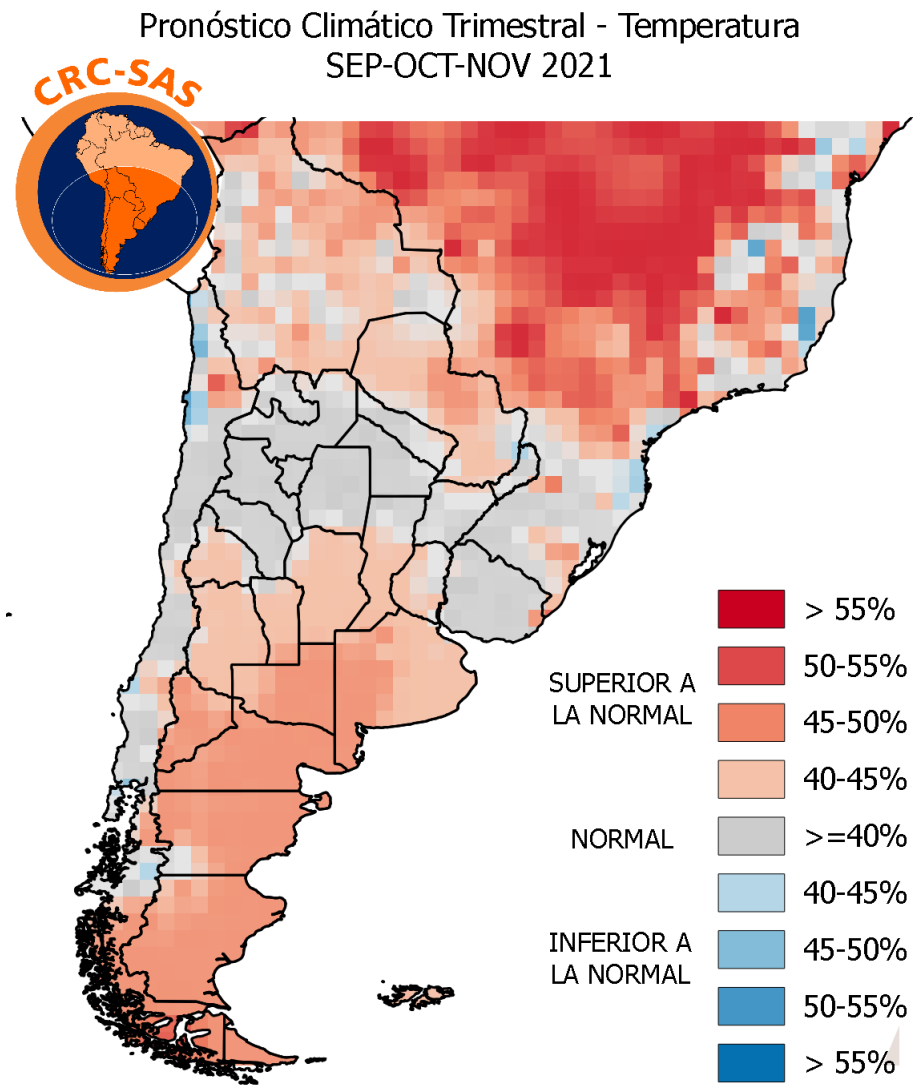
CRC-SAS







Consenso Regional



Perspectivas climáticas