

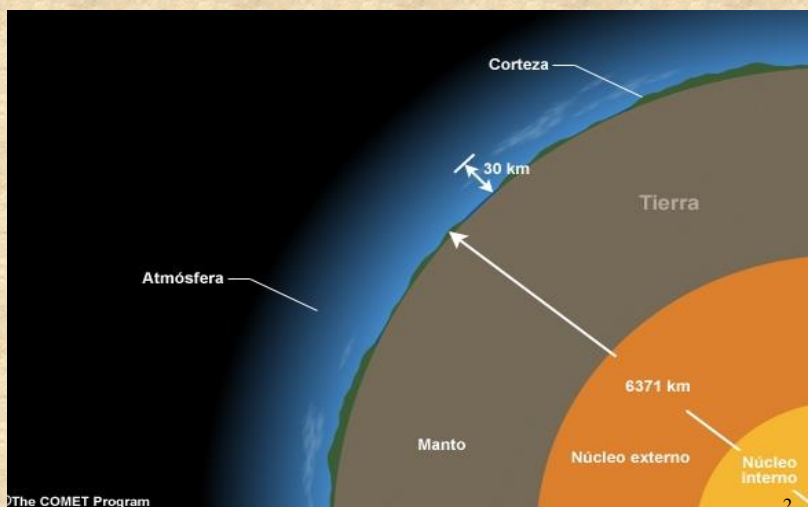
ANÁLISIS CLIMÁTICO ESTADO HIDROLÓGICO PRONÓSTICO

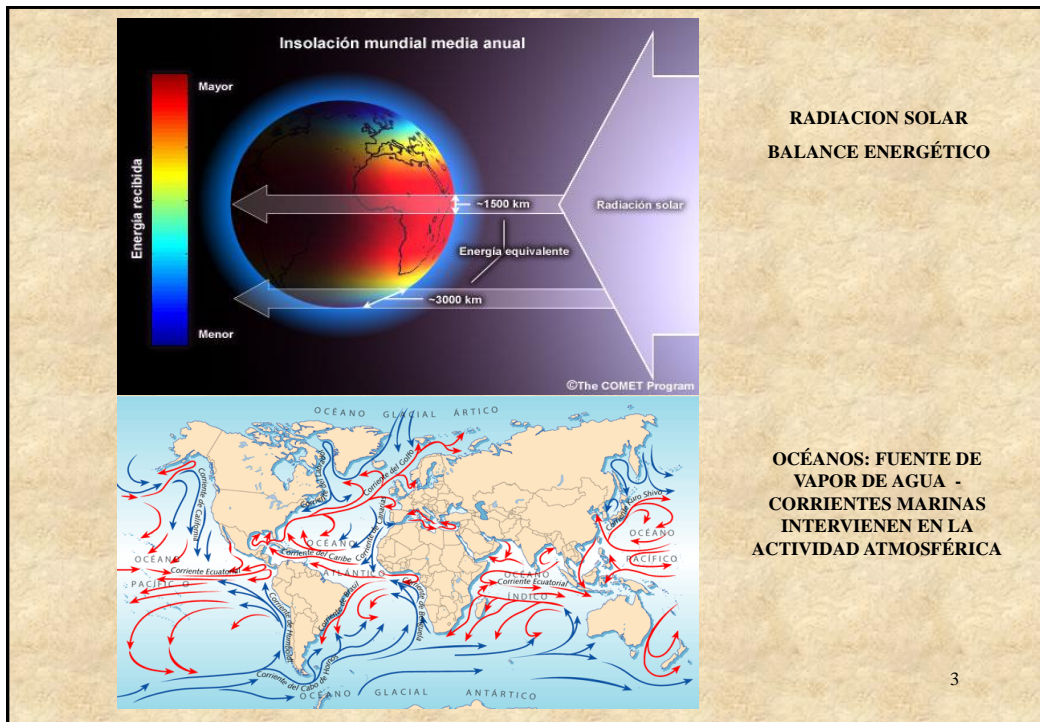
CUENCA DEL RÍO COLORADO

1

La atmósfera es la capa de gas (nitrógeno y oxígeno) que rodea la Tierra. En comparación con el diámetro aproximado de 12.000 km de la Tierra, la capa atmosférica es realmente muy delgada: cerca del 99 por ciento de todo el gas atmosférico está concentrado en los primeros 30 kilómetros desde la superficie terrestre.

Esta fina capa de gas nos brinda el aire que respiramos, protege vida.





La circulación de la atmósfera condiciona movimiento de grandes masas de aire de distinta temperatura, grado de humedad y velocidad.

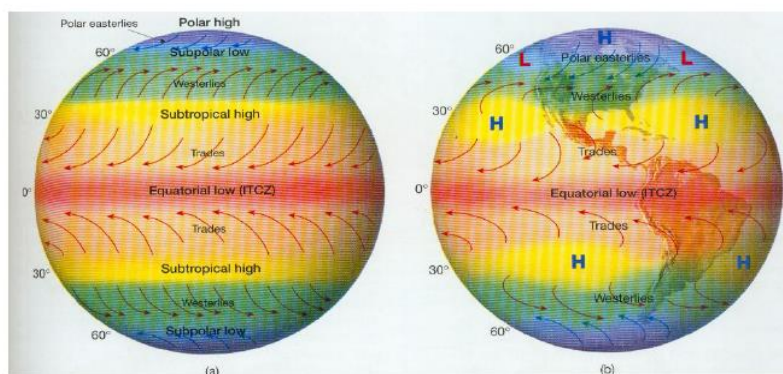
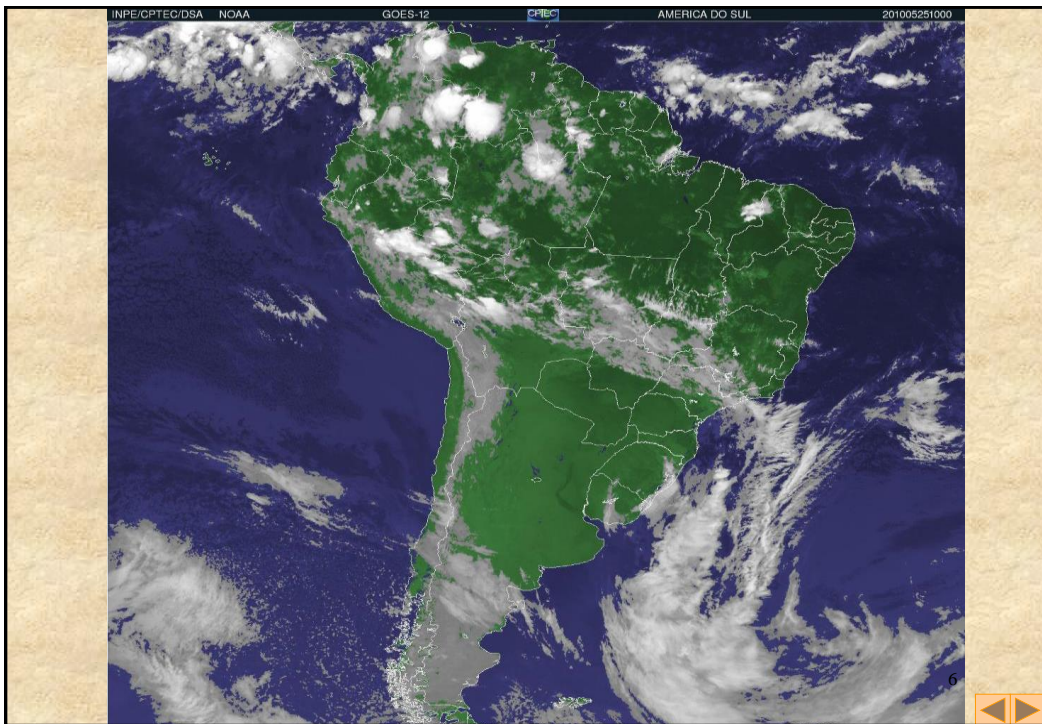
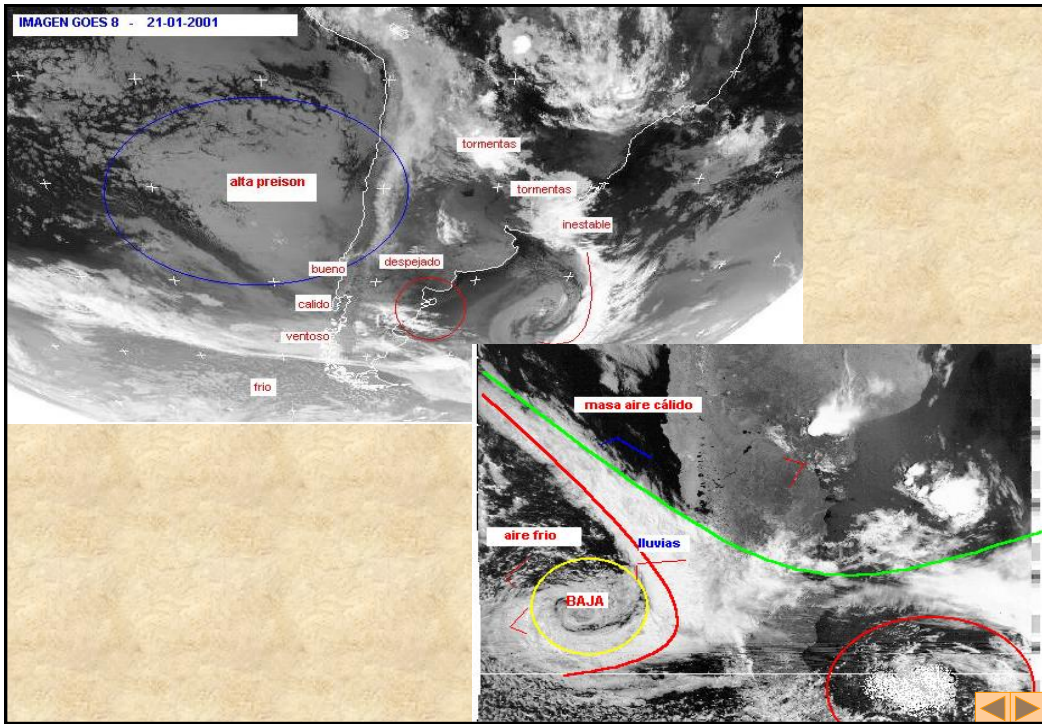


Figura 8.4 Esquema de presión y viento en superficie sin (a) y con (b) distribución de océanos y continentes.

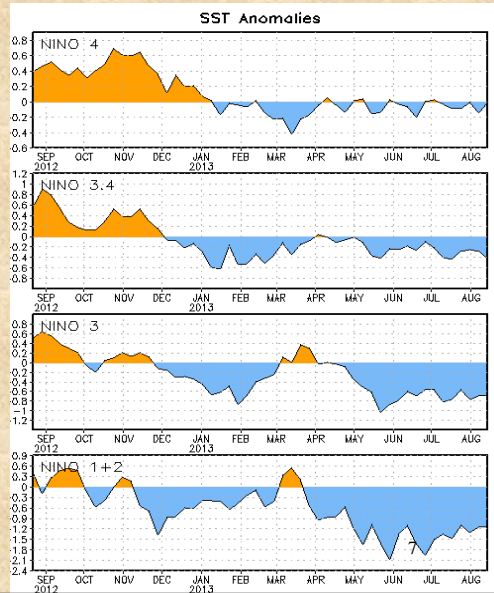
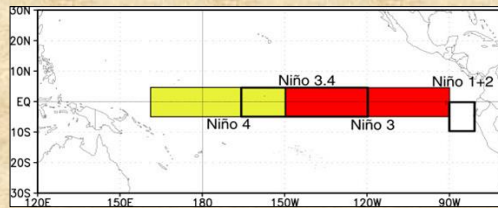
Jornada COIRCO 2013



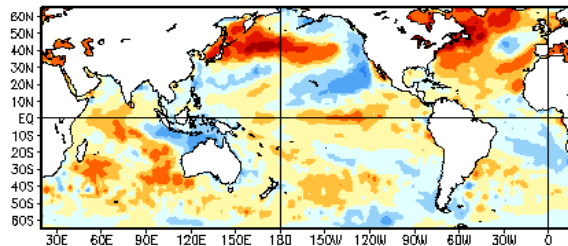
Niño Region SST Departures (°C) Recent Evolution

The latest weekly SST departures are:

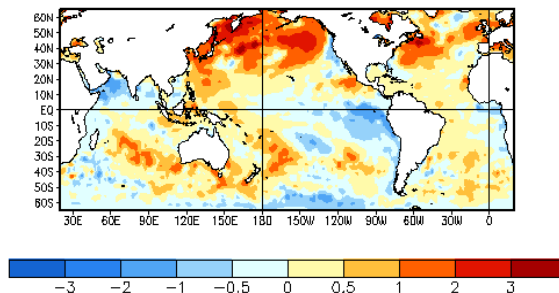
Niño 4	0.0°C
Niño 3.4	-0.4°C
Niño 3	-0.7°C
Niño 1+2	-1.1°C



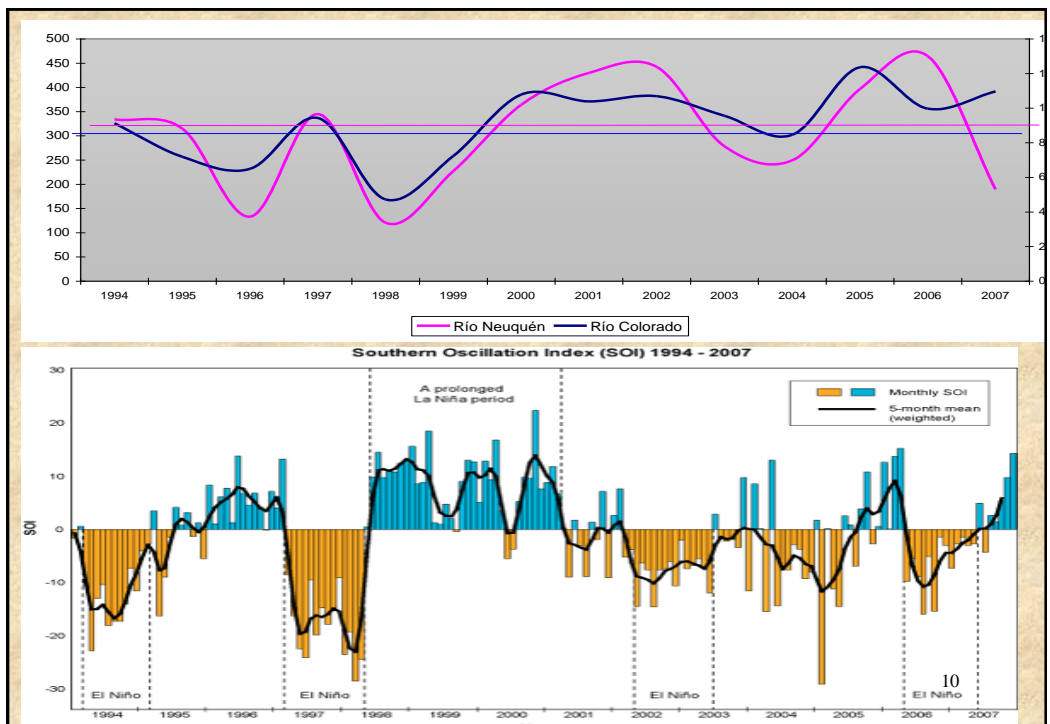
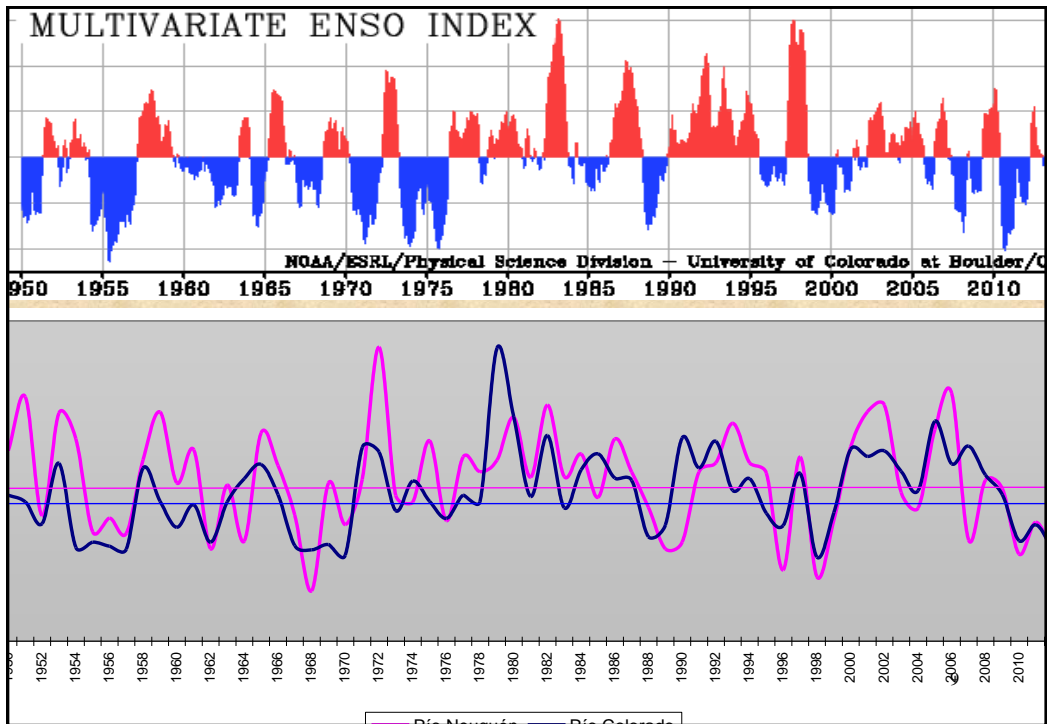
Average SST Anomalies
12 AUG 2012 – 8 SEP 2012



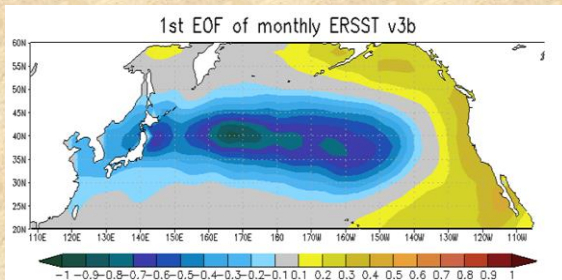
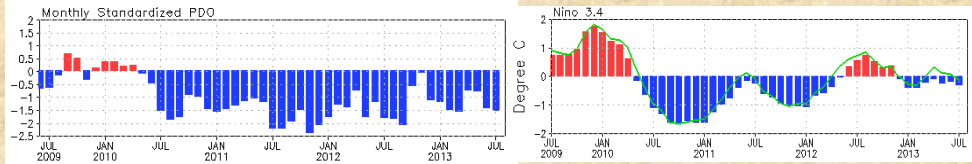
Average SST Anomalies
21 JUL 2013 – 17 AUG 2013



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Pacific Decadal Oscillation Index

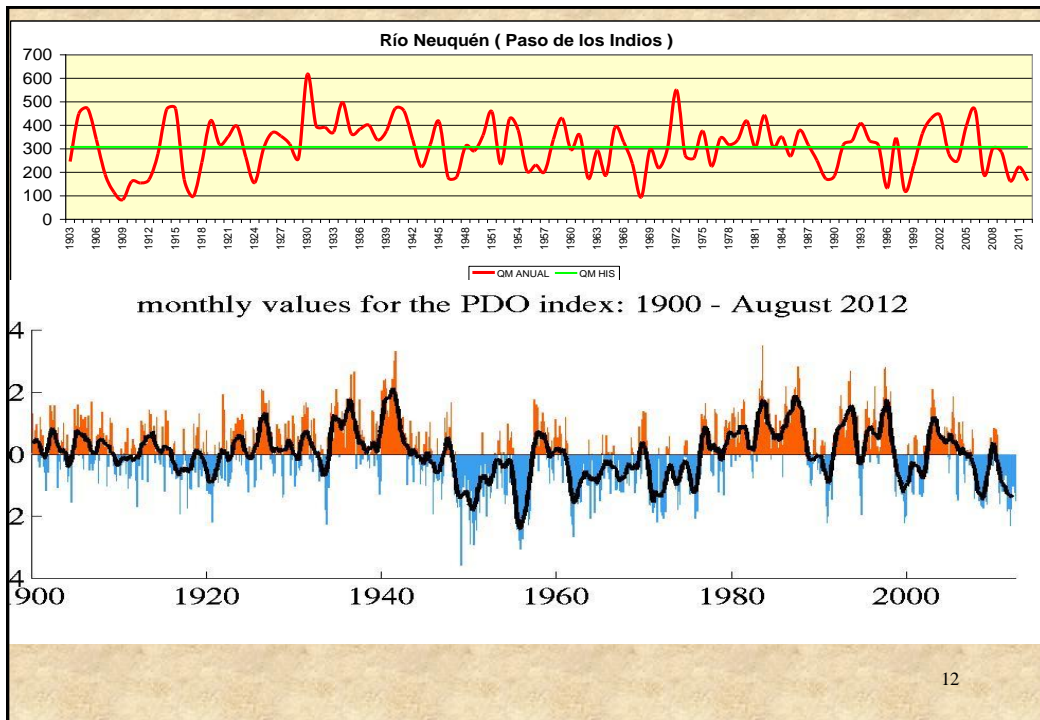


- Negative PDO phase since May 2010 has persisted for more than 3 years (39 months) now, and the PDO index slightly strengthened in July 2013 with PDO index = -1.5.

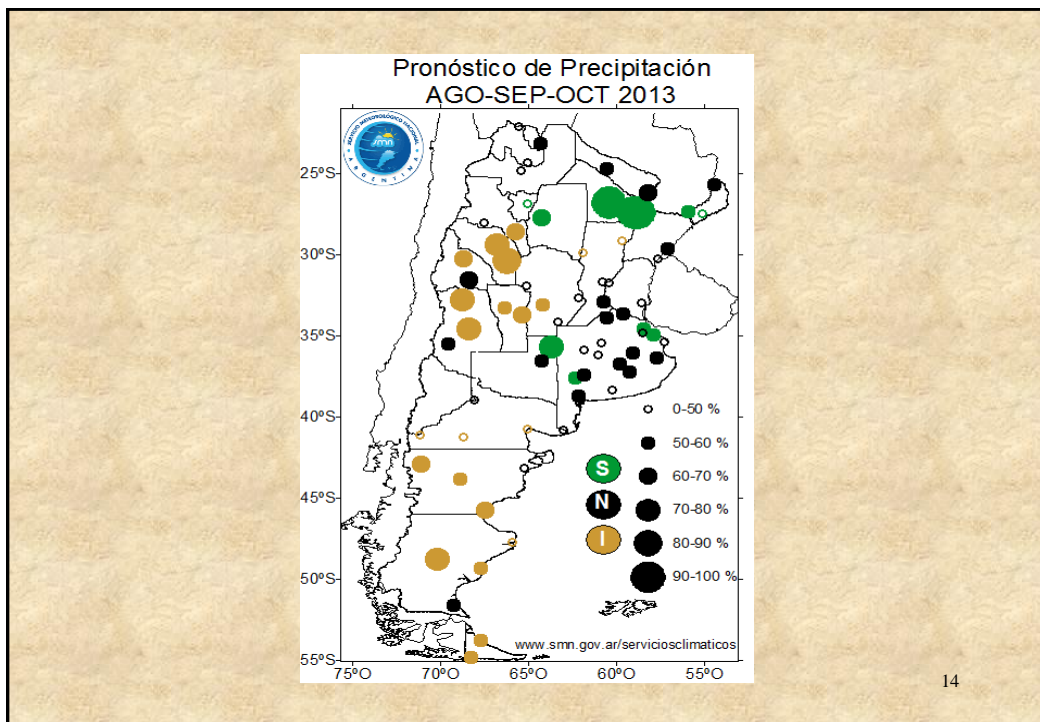
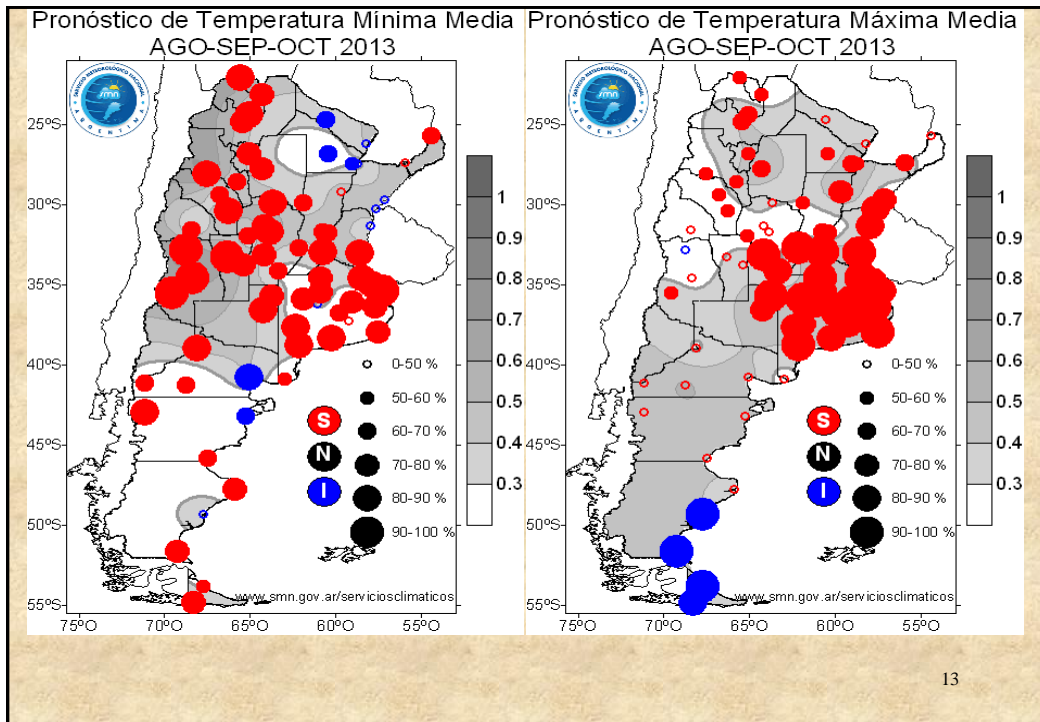
- The apparent connection between NINO3.4 and PDO index suggest connections between tropics and extratropics.

- Pacific Decadal Oscillation is defined as the 1st EOF of monthly ERSST v3b in the North Pacific for the period 1900-1993. PDO index is the standardized projection of the monthly SST anomalies onto the 1st EOF pattern. ||

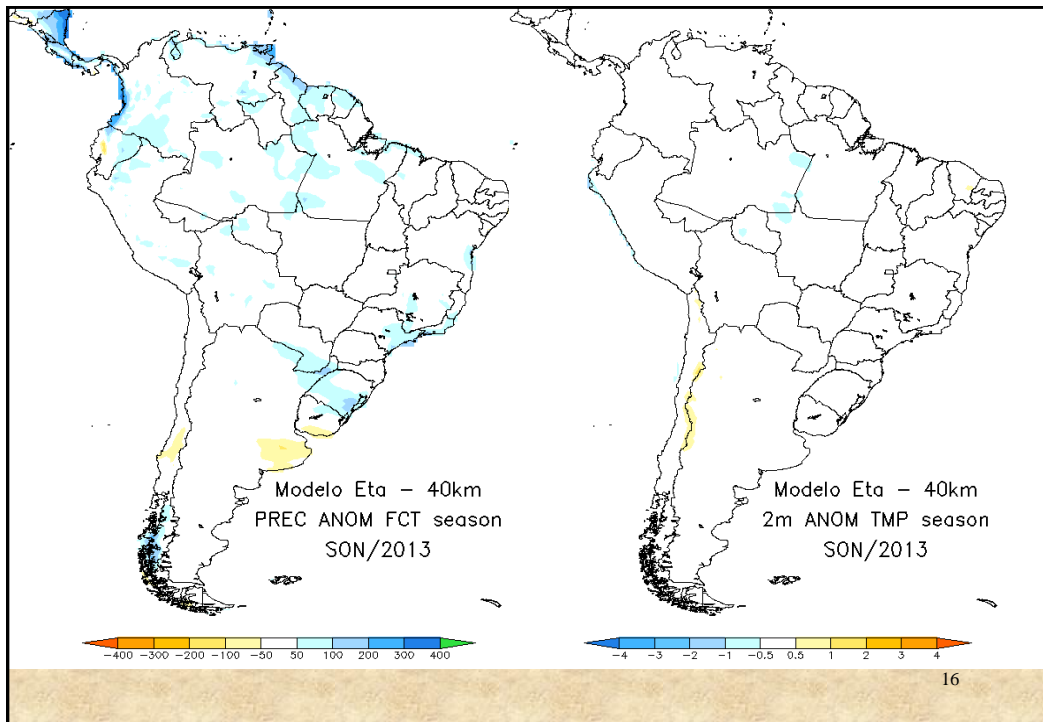
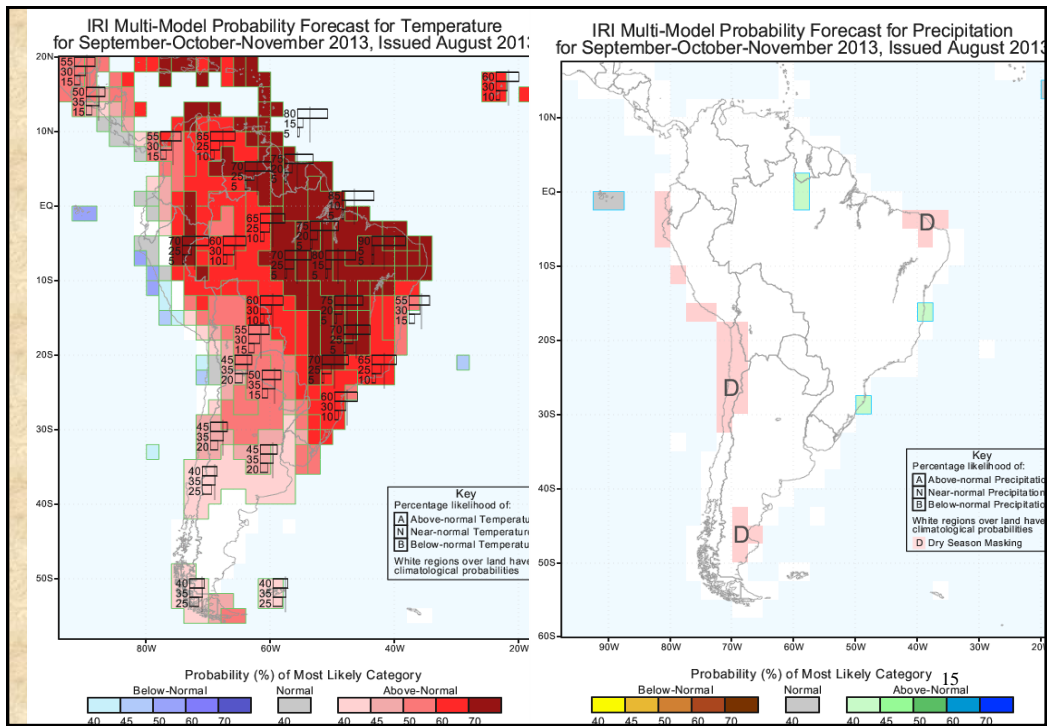
- The PDO index differs slightly from that of JISAO, which uses a blend of UKMET and OIv1 and OIv2 SST.

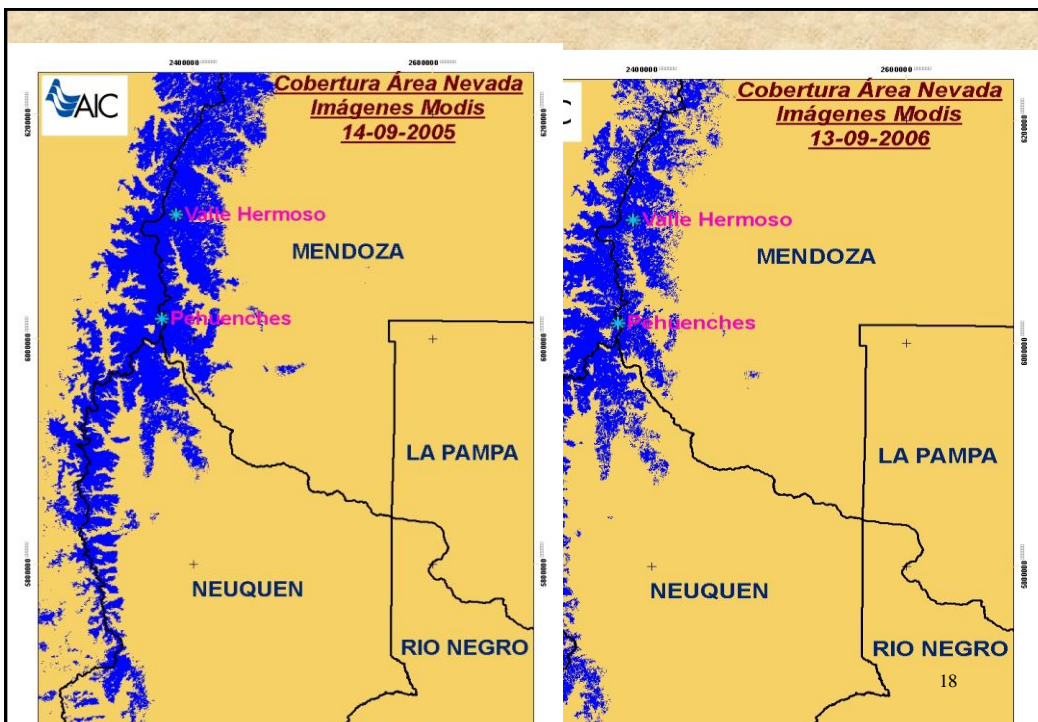
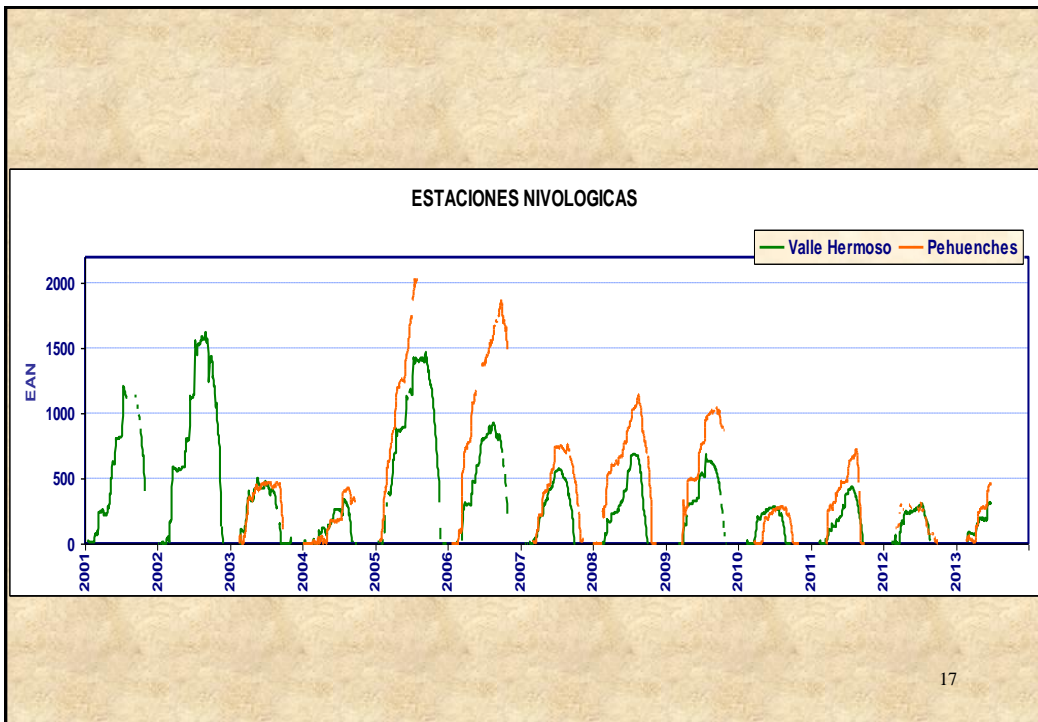


Jornada COIRCO 2013

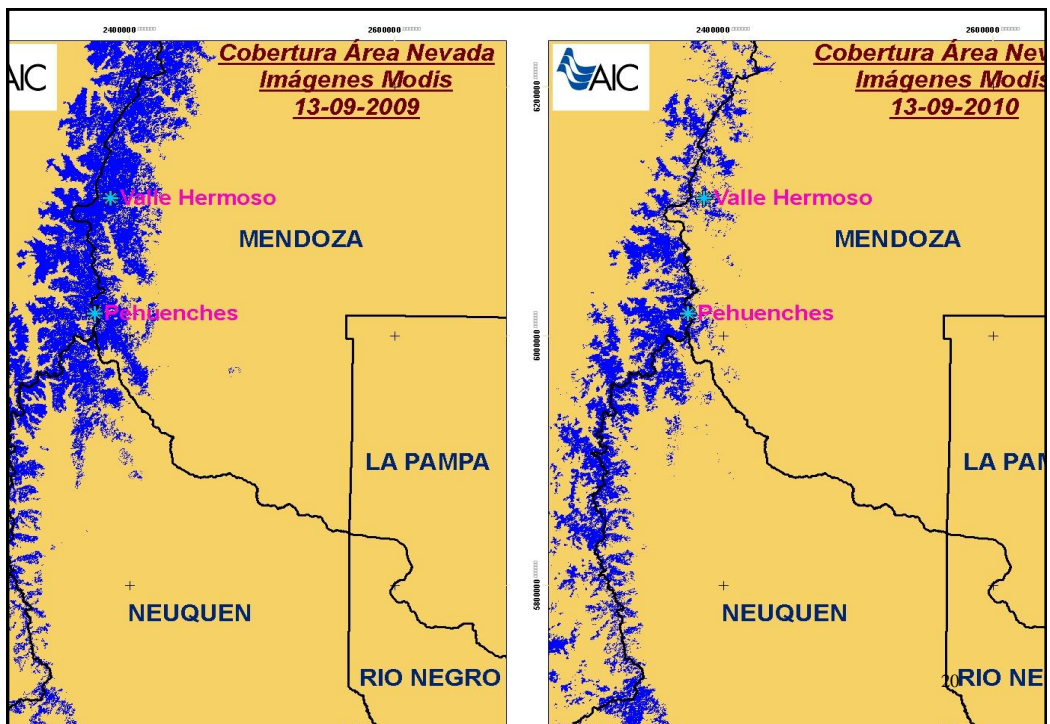
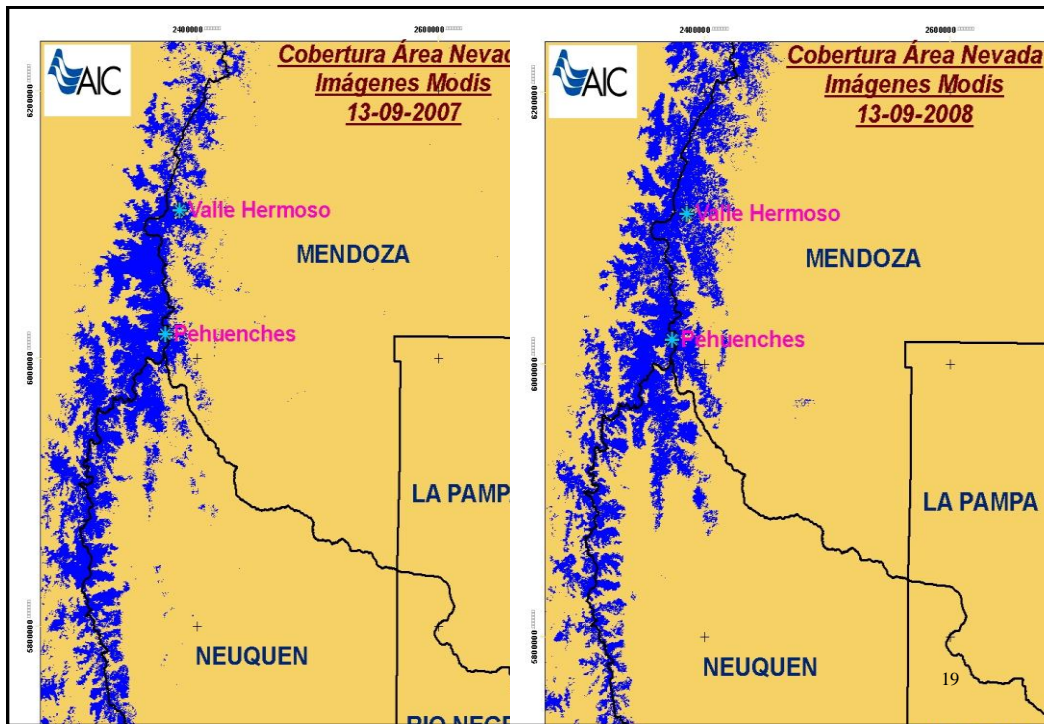


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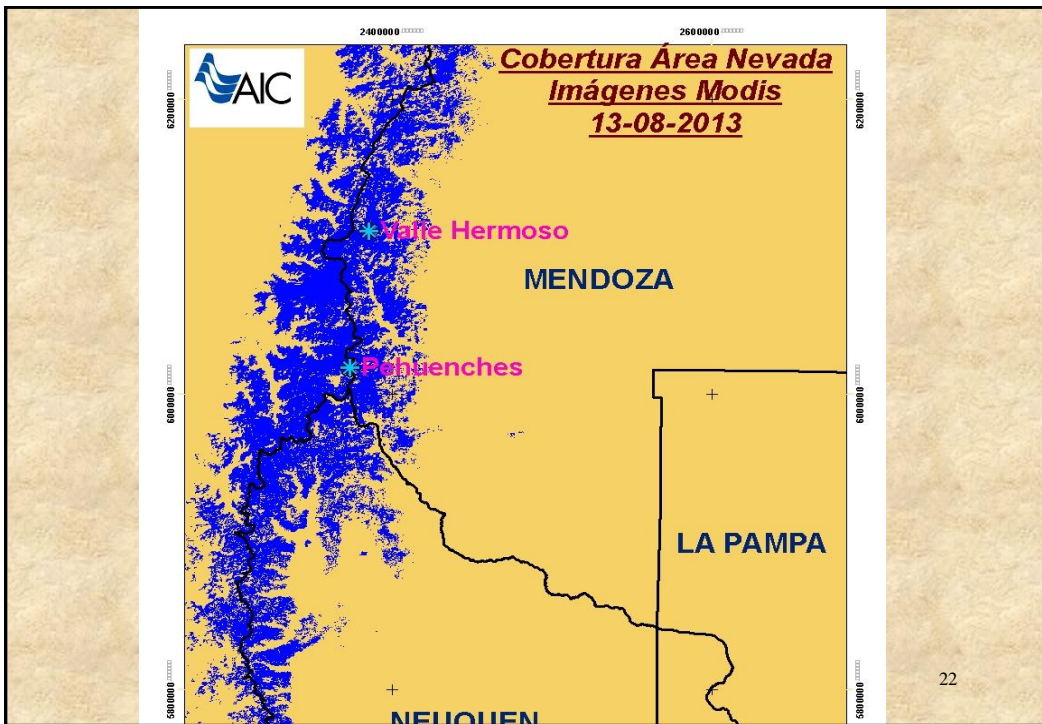
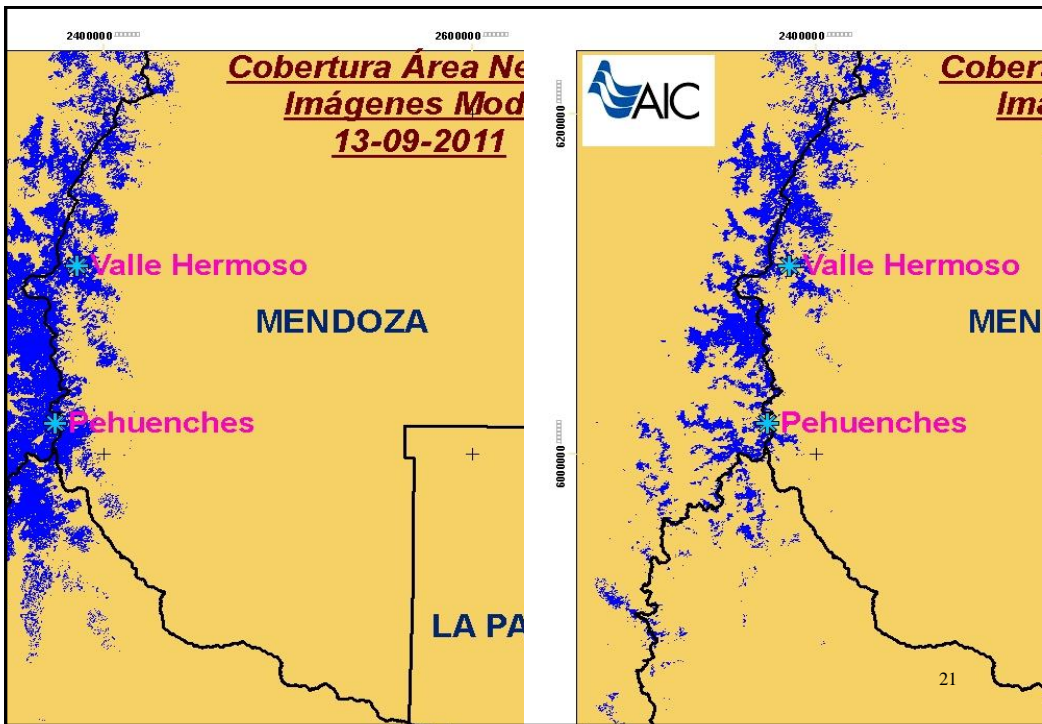


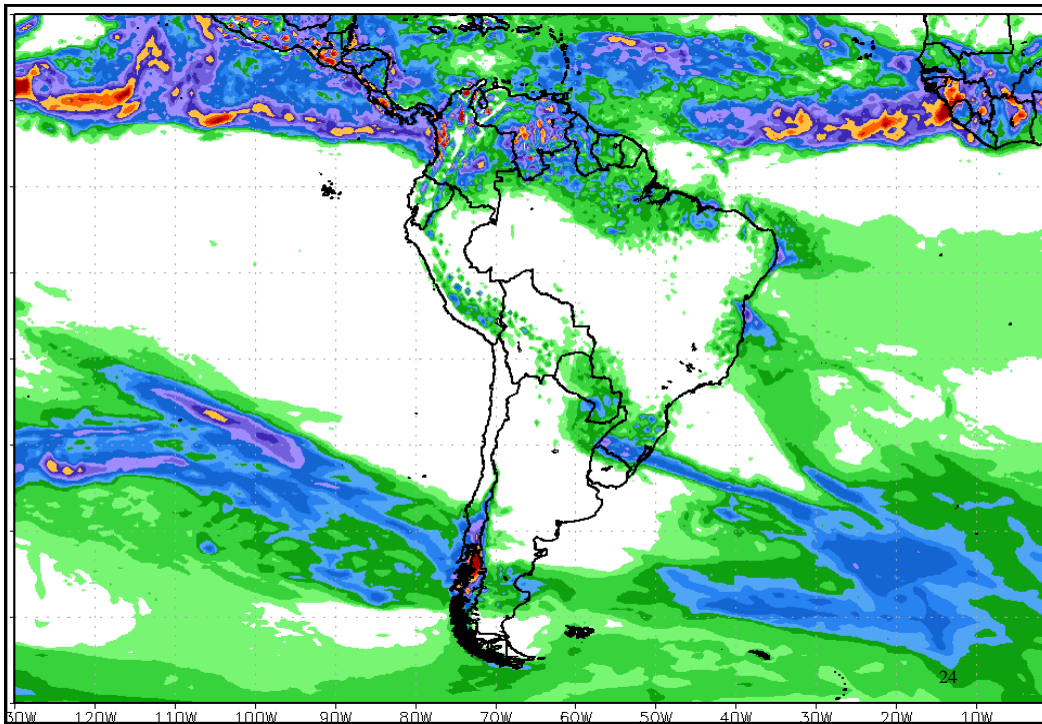
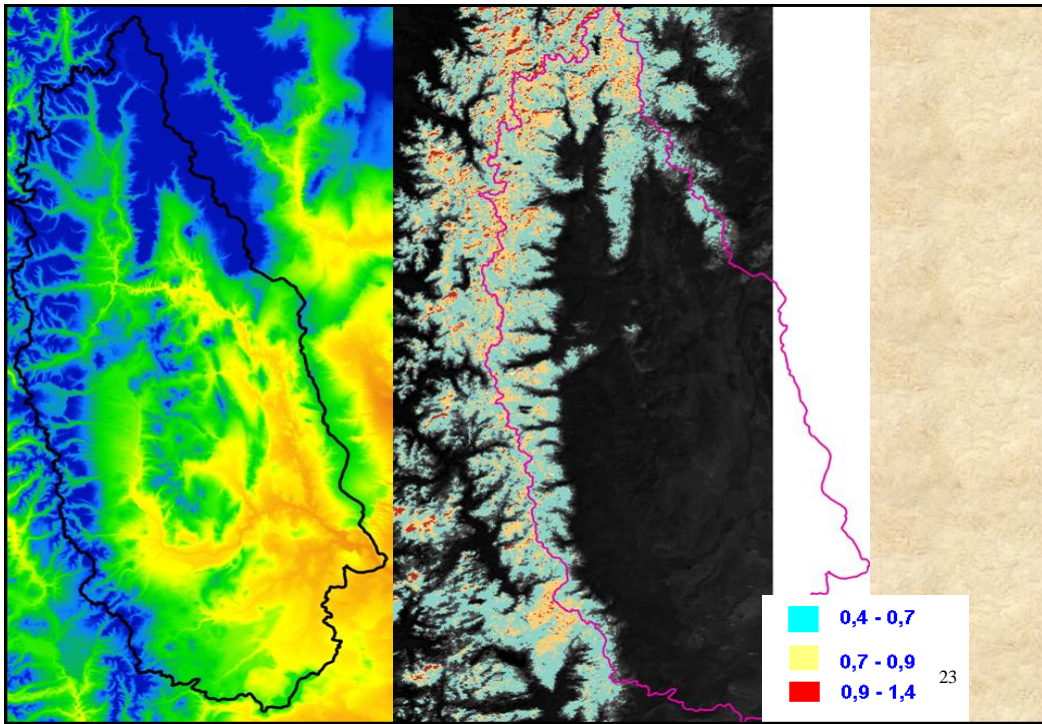


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