

Evolución de El Niño 2004 – 2005

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NOAA – Definición Operativa para El Niño y La Niña Oceanic Niño Index (ONI)

El Niño: characterized by a **positive** ONI greater than or equal to **+0.5°C**.

La Niña: characterized by a **negative** ONI less than or equal to **-0.5°C**.

Para ser clasificado como un evento El Niño o La Niña estos deben ser de un periodo mayor de por lo menos de 5 meses consecutivos.

Warm Episodes “El Niño” max

AMJ 1997 – MAM 1998 2.5

AMJ 2002 – FMA 2003 1.5

JJA 2004 – JFM 2005 0.9

El Niño 2004 - 2005

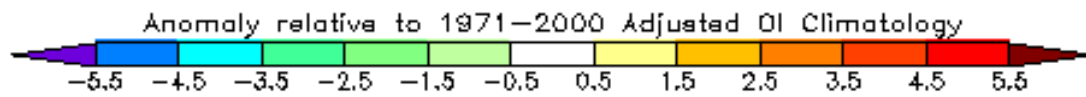
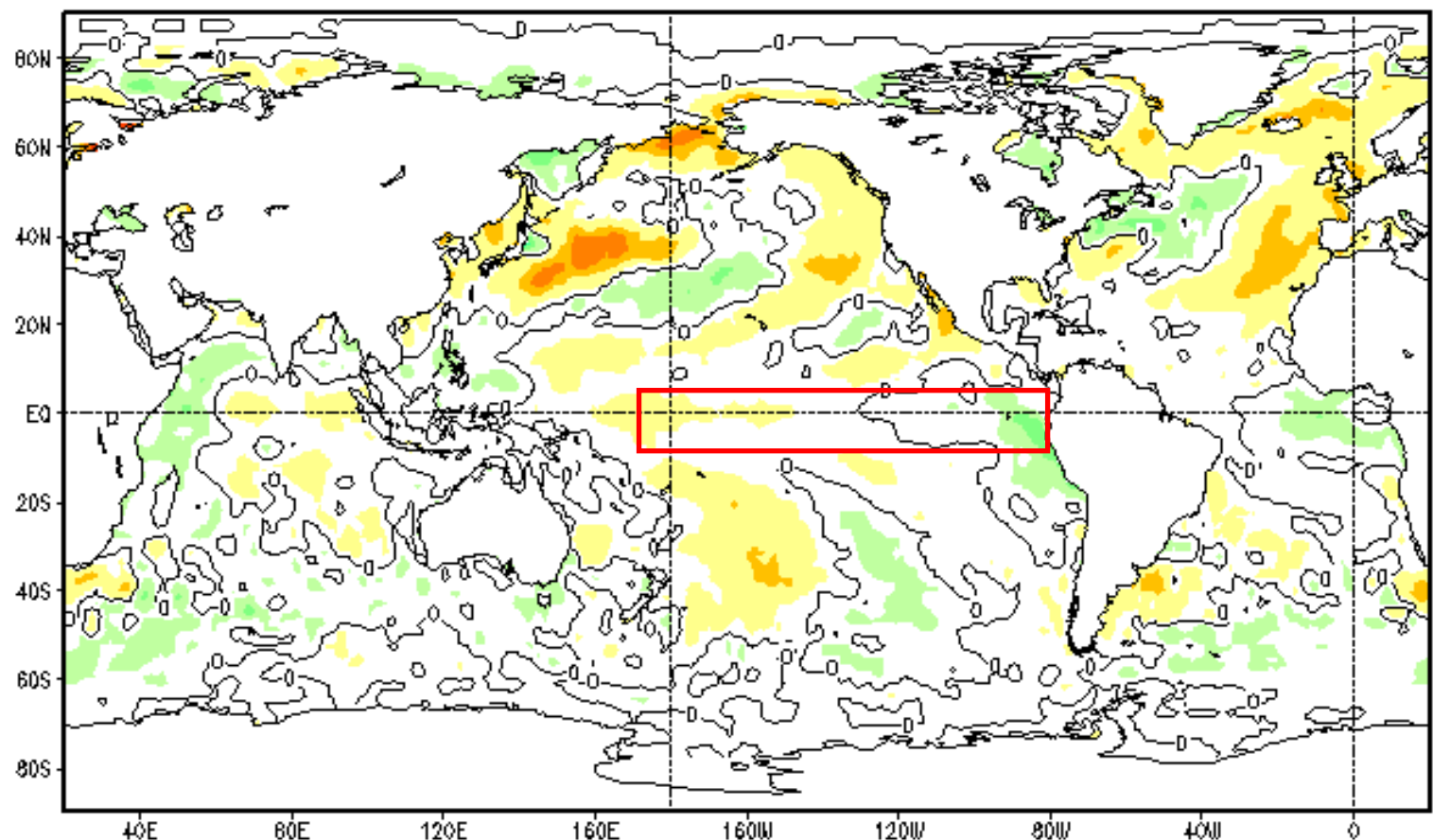
Year	DJF	JFM	FMA	MAM	AMJ	MJJ	JJA	JAS	ASO	SON	OND	NDJ
2002	-0.1	0.1	0.3	0.4	0.7	0.8	0.9	0.9	1.1	1.3	1.5	1.3
2003	1.1	0.8	0.6	0.1	-0.1	0.0	0.3	0.4	0.5	0.5	0.6	0.5
2004	0.4	0.2	0.2	0.2	0.3	0.4	0.7	0.8	0.9	0.9	0.9	0.8
2005	0.6	0.5	0.3	0.4	0.5	0.3	0.2	0.0	0.0	-0.2	-0.4	-0.7
2006	-0.8	-0.7	-0.4	-0.2	0.0	0.1						

Olv2 Sea Surface Temperature Anomaly (°C) May 2004



GRADS: COLA/KGES

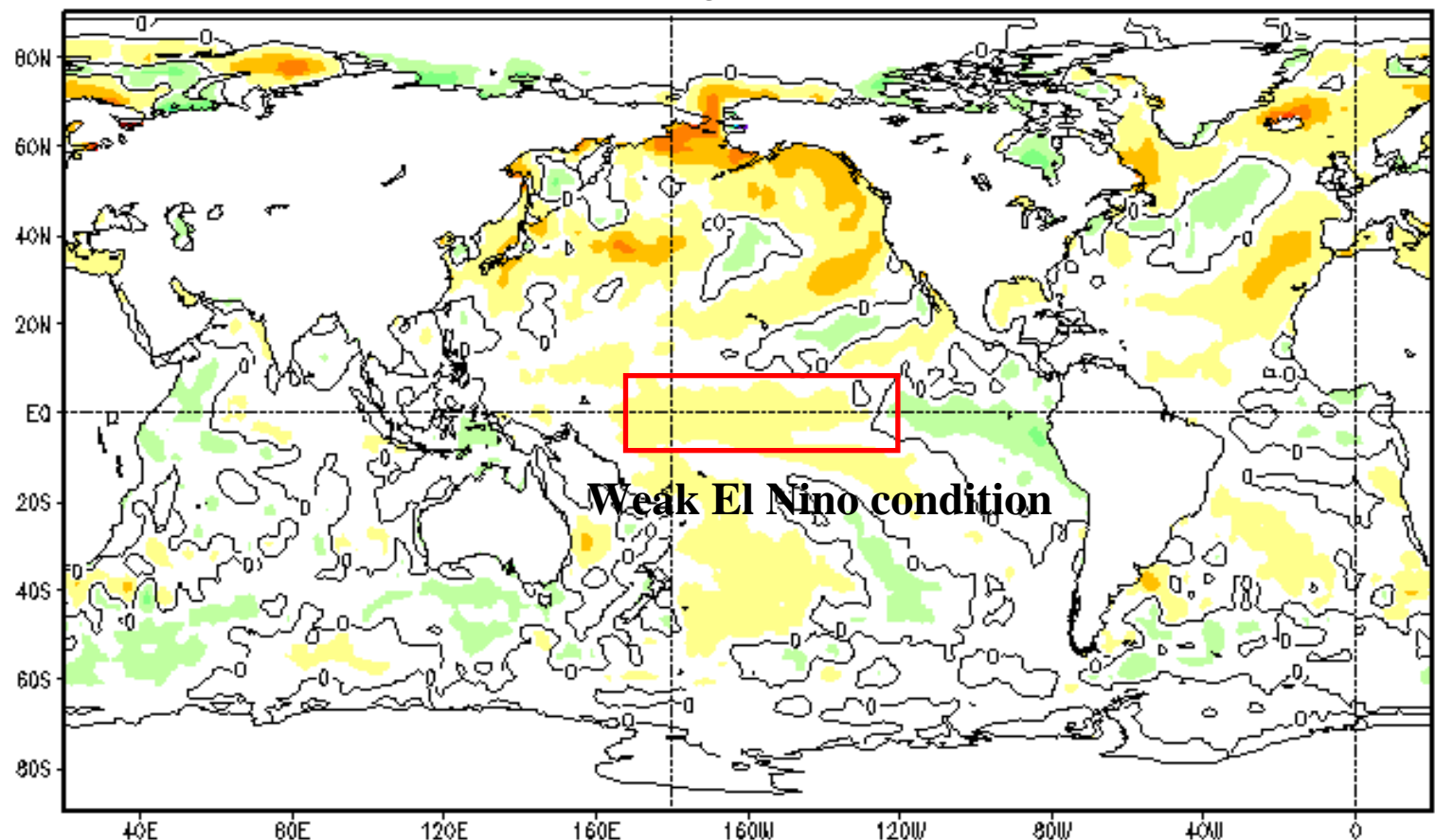
Olv2 Sea Surface Temperature Anomaly (°C) June 2004



GRADS: COLA/IGES

Climate Modeling Branch/EMC/NCEP

Olv2 Sea Surface Temperature Anomaly (°C) July 2004



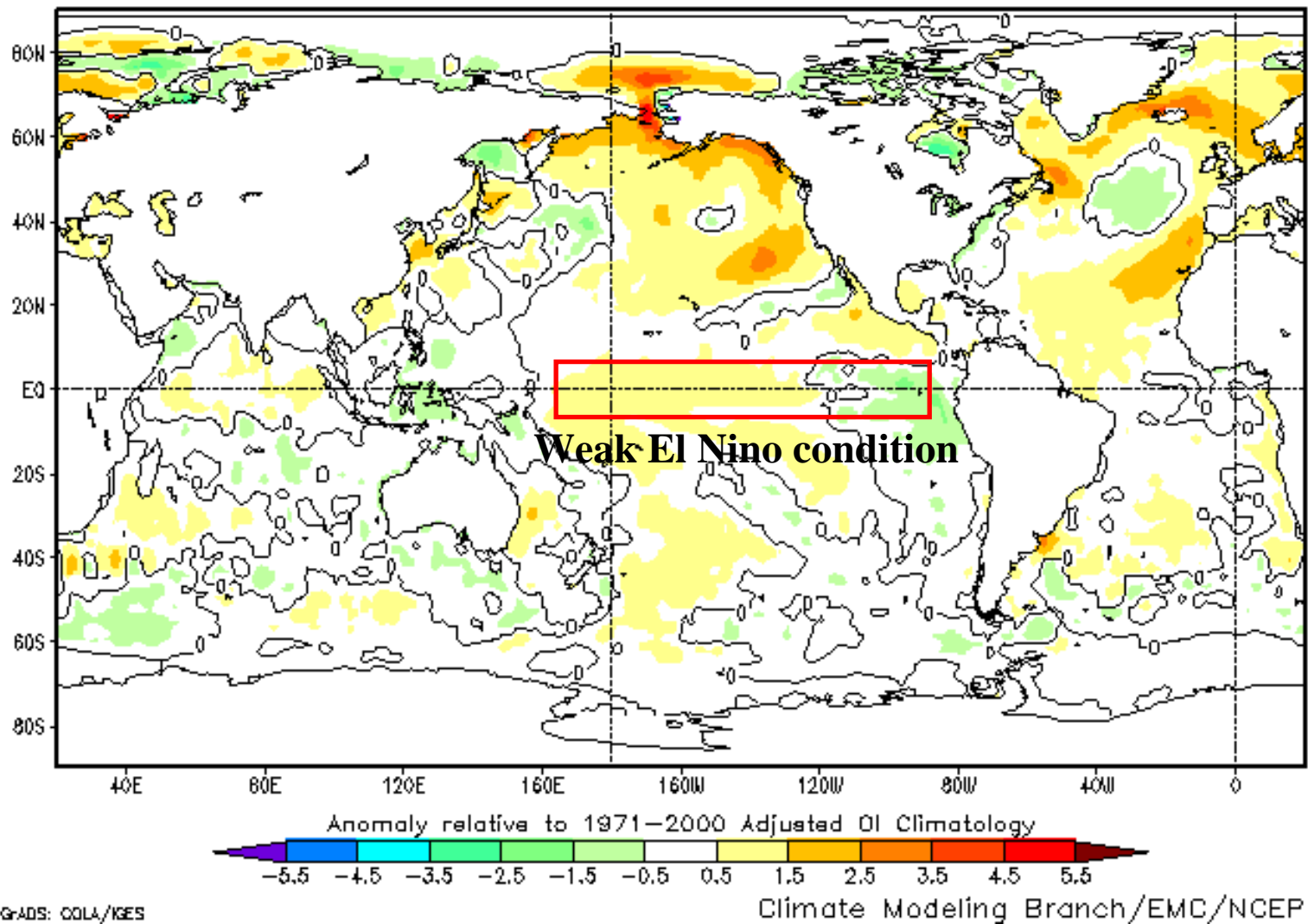
Anomaly relative to 1971-2000 Adjusted OI Climatology

-5.5 -4.5 -3.5 -2.5 -1.5 -0.5 0.5 1.5 2.5 3.5 4.5 5.5

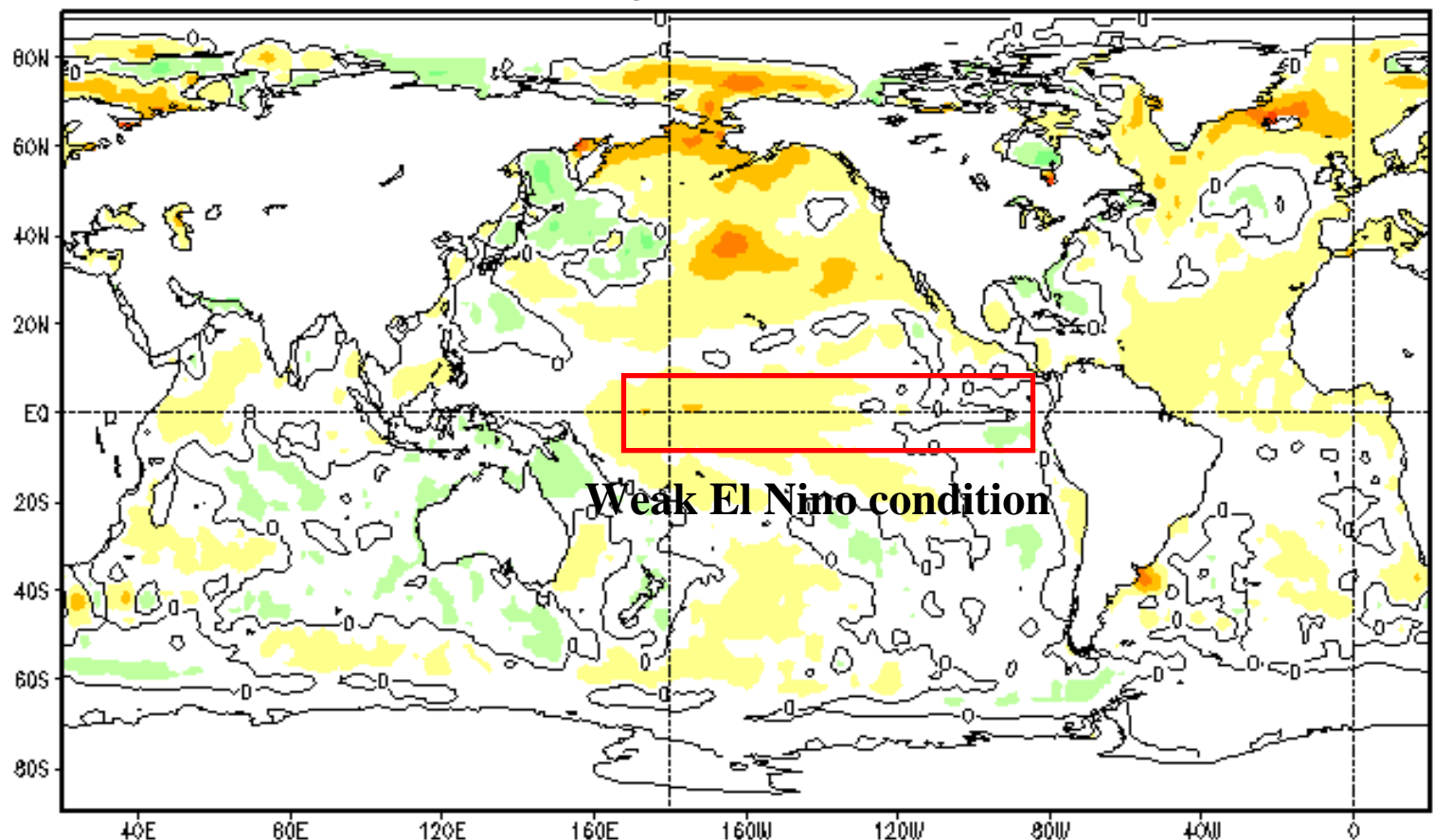
Climate Modeling Branch/EMC/NCEP

GRADS: COLA/IGES

Olv2 Sea Surface Temperature Anomaly (°C) August 2004



Olv2 Sea Surface Temperature Anomaly (°C) September 2004



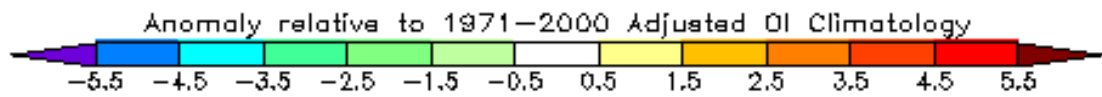
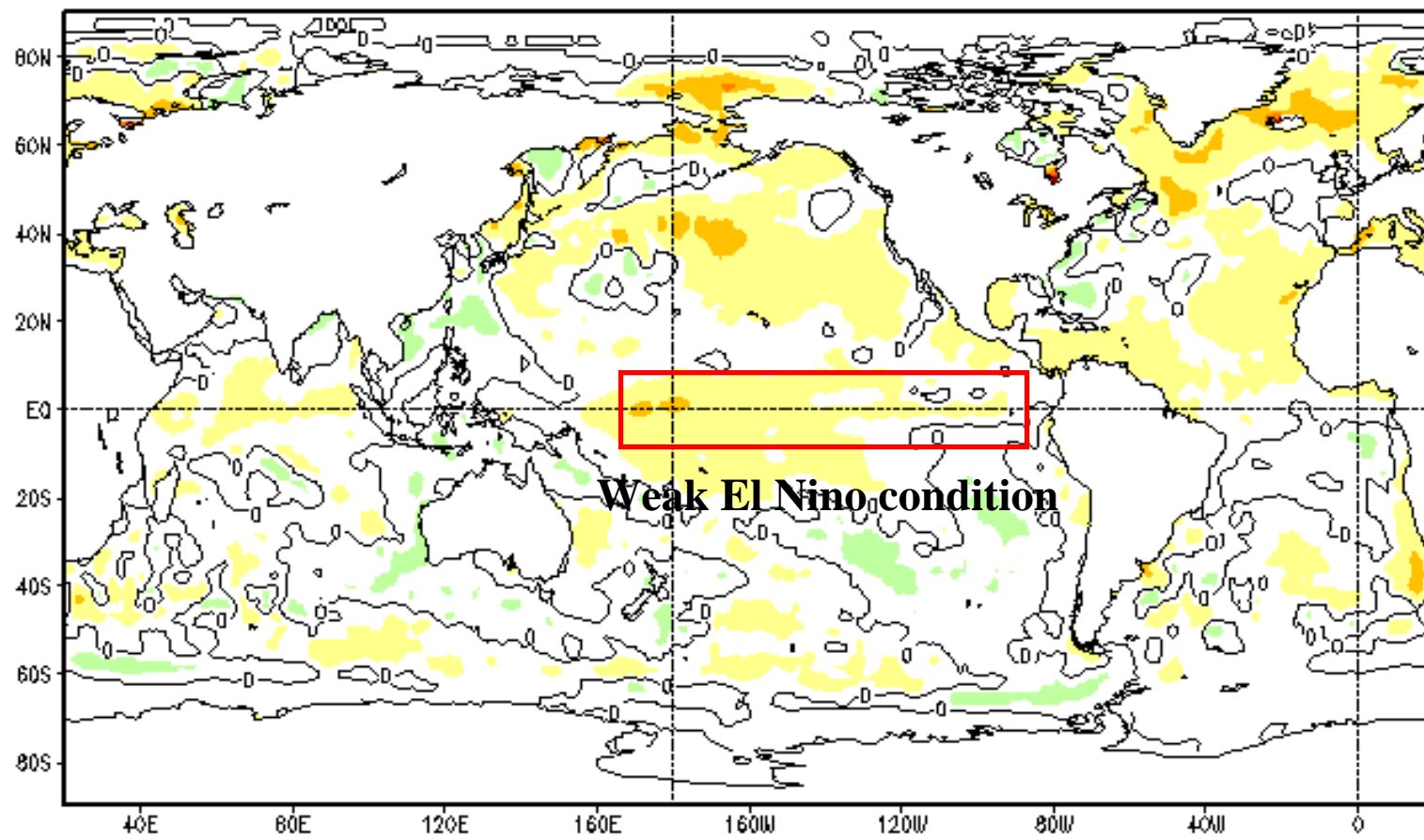
Anomaly relative to 1971-2000 Adjusted OI Climatology

-5.5 -4.5 -3.5 -2.5 -1.5 -0.5 0.5 1.5 2.5 3.5 4.5 5.5

Climate Modeling Branch/EMC/NCEP

GRADS: COLA/IGES

OlV2 Sea Surface Temperature Anomaly (°C) October 2004



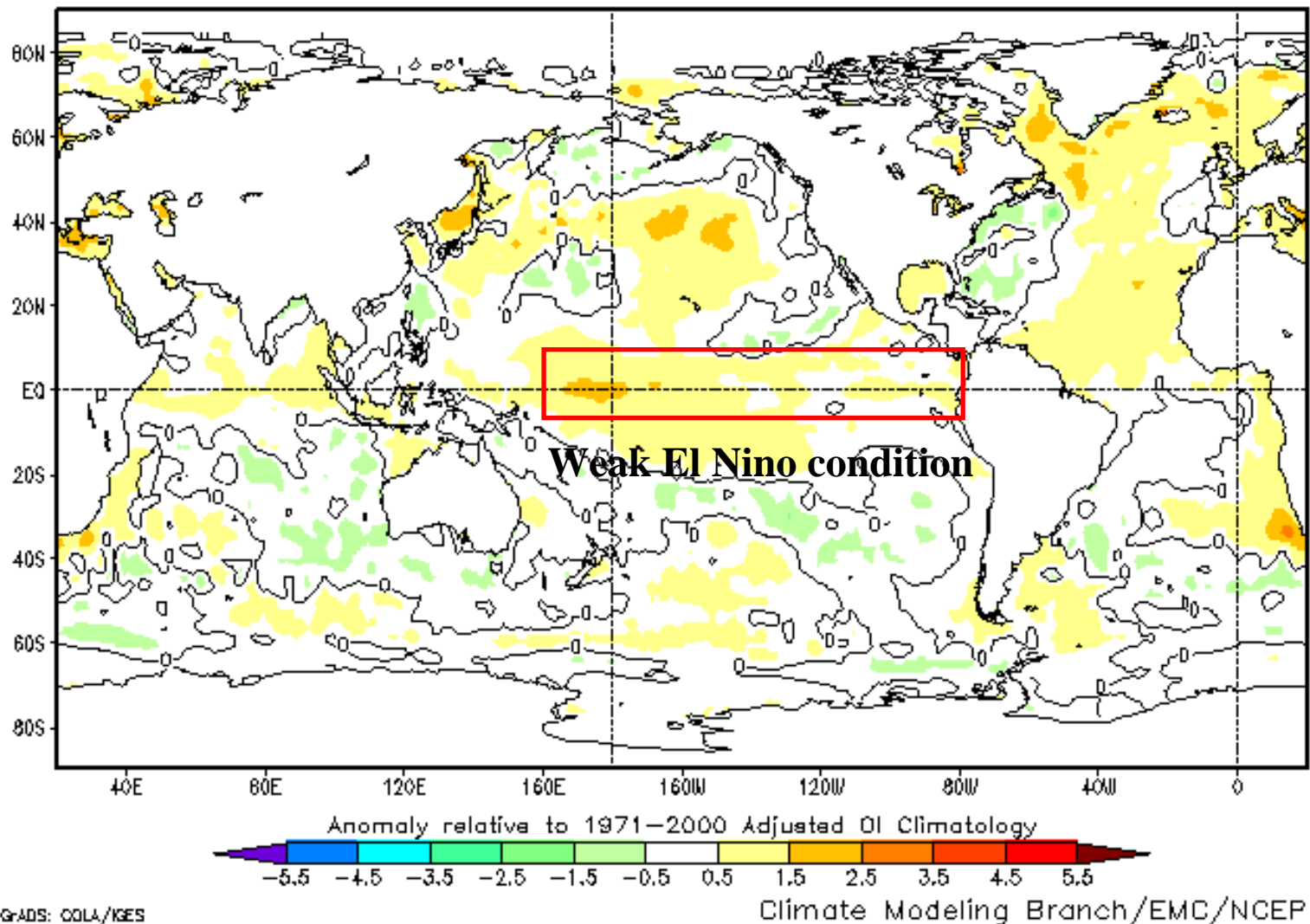
Anomaly relative to 1971-2000 Adjusted OI Climatology

-5.5 -4.5 -3.5 -2.5 -1.5 -0.5 0.5 1.5 2.5 3.5 4.5 5.5

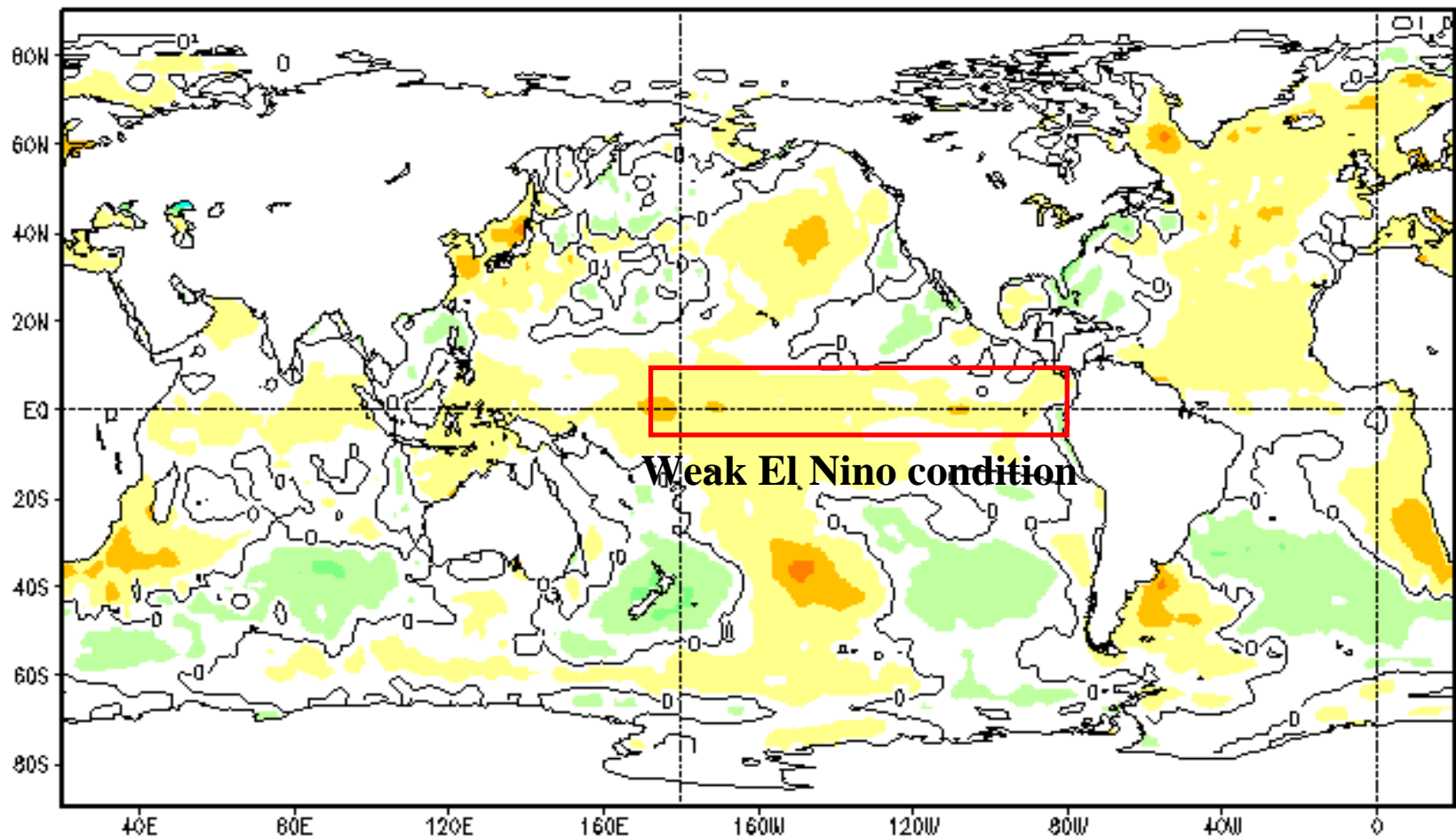
Climate Modeling Branch/EMC/NCEP

GRADS: COLA/IGES

Olv2 Sea Surface Temperature Anomaly (°C) November 2004



Olv2 Sea Surface Temperature Anomaly (°C) December 2004



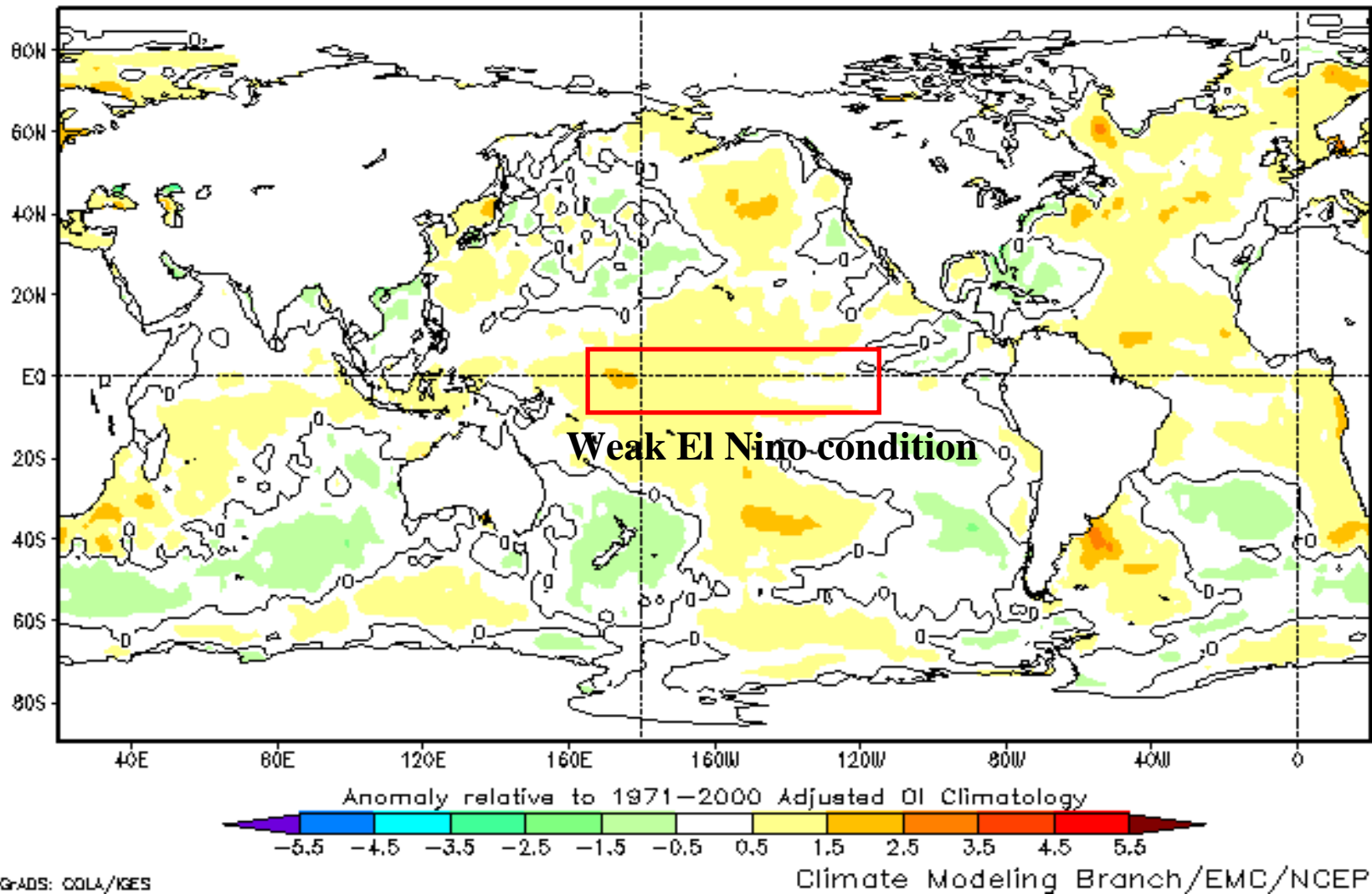
Weak El Nino condition

Anomaly relative to 1971–2000 Adjusted OI Climatology

-5.5 -4.5 -3.5 -2.5 -1.5 -0.5 0.5 1.5 2.5 3.5 4.5 5.5

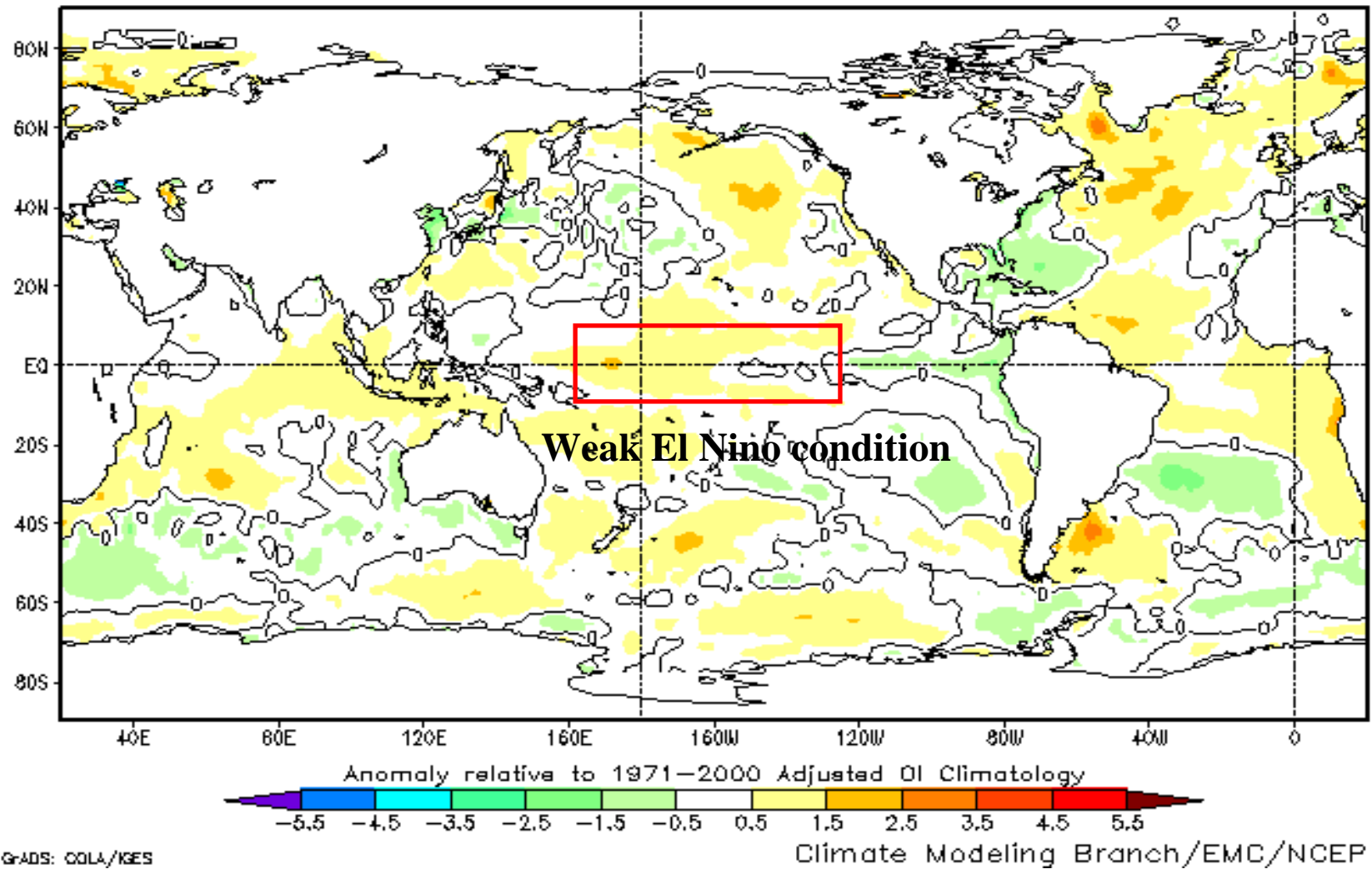
Climate Modeling Branch/EMC/NCEP

Olv2 Sea Surface Temperature Anomaly (°C) January 2005



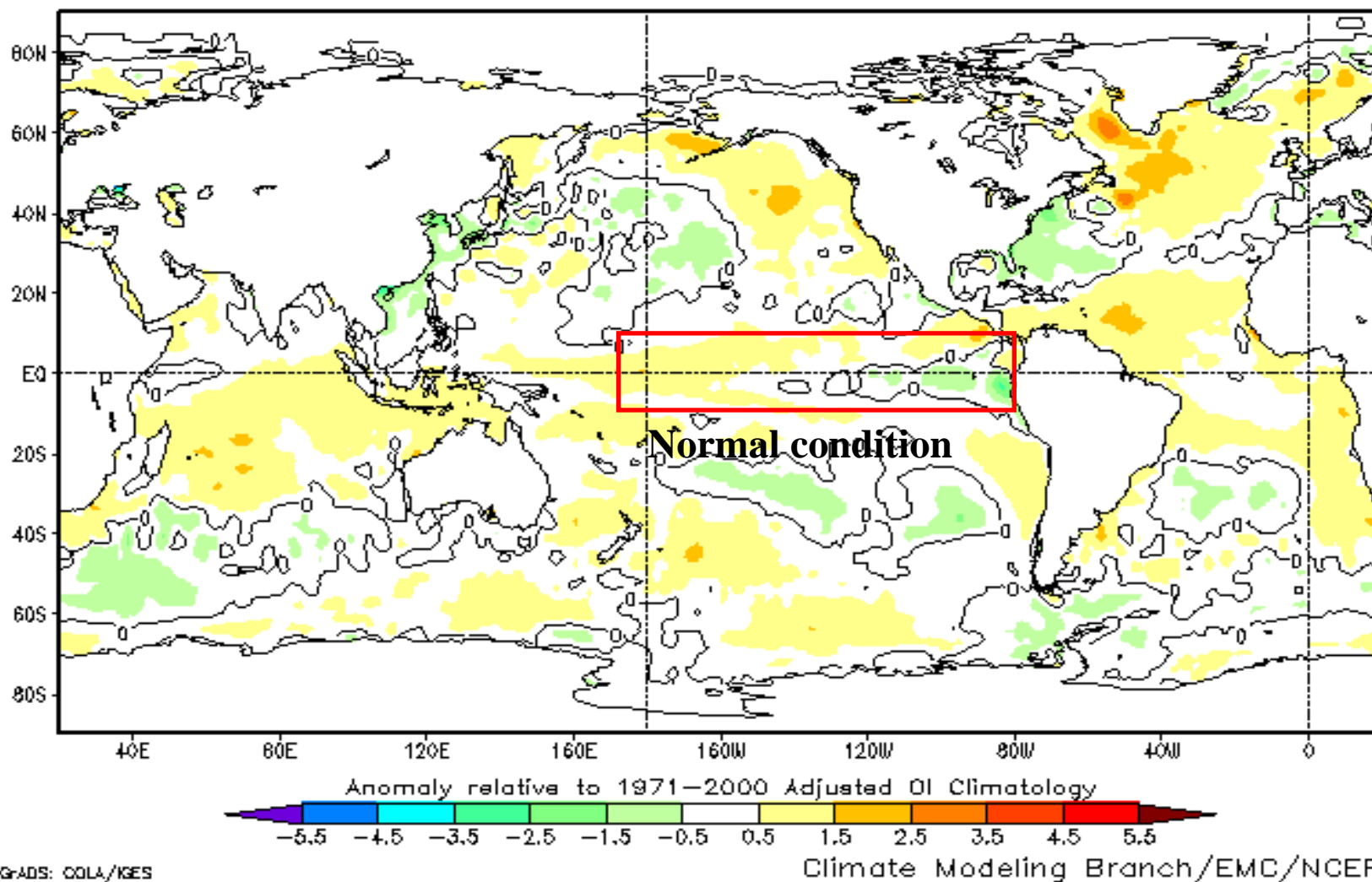
GRADS: COLA/KES

Olv2 Sea Surface Temperature Anomaly (°C) February 2005



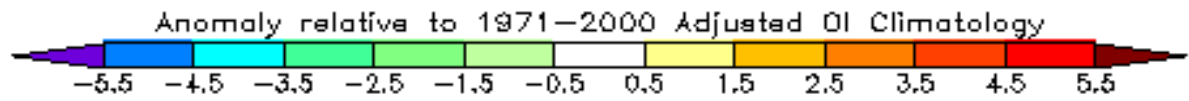
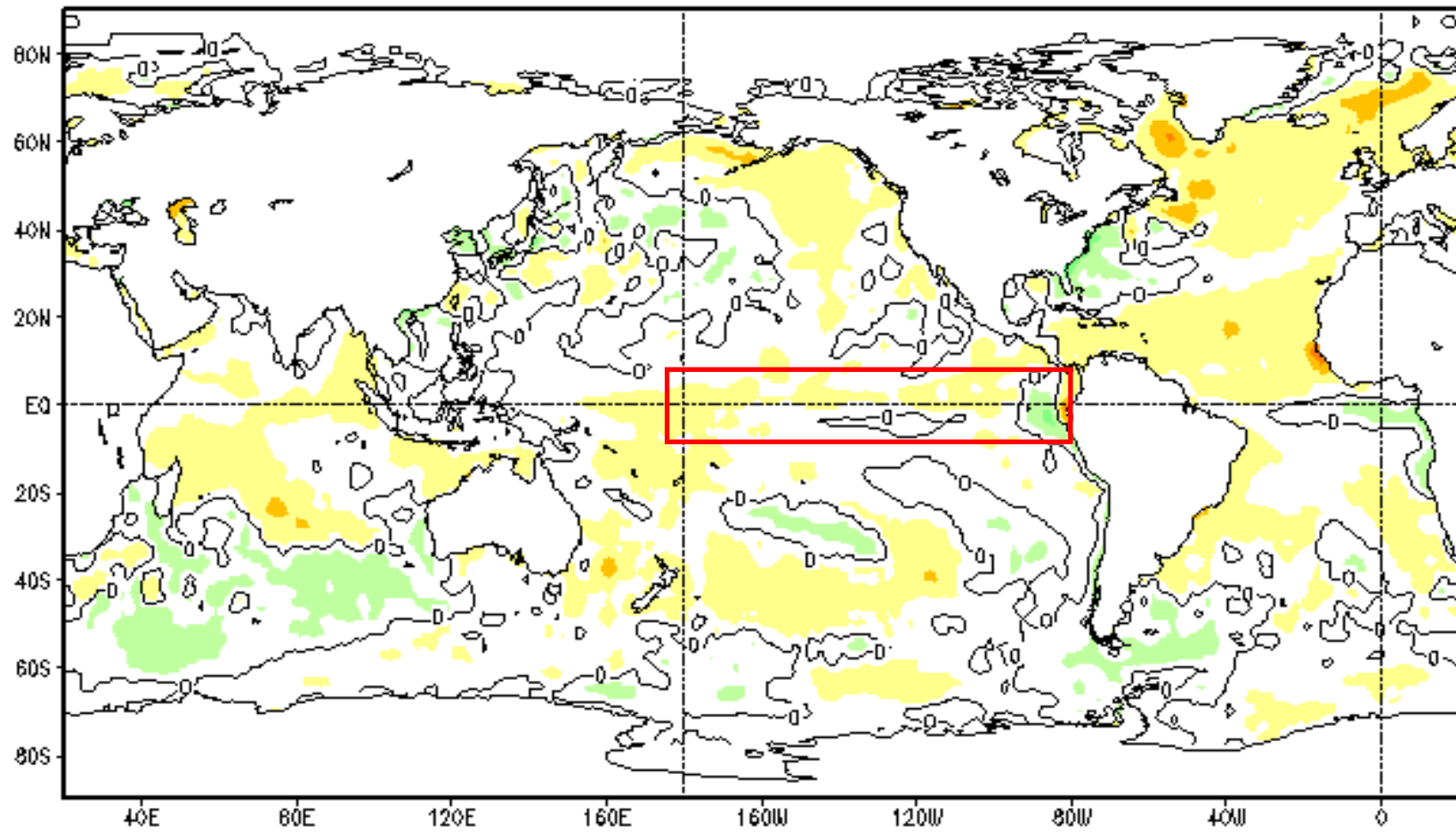
GrADS: COLA/KGES

Olv2 Sea Surface Temperature Anomaly (°C) March 2005



GRADS: COLA/KGES

Olv2 Sea Surface Temperature Anomaly (°C) April 2005



GrADS: OOLA/KGES

Climate Modeling Branch/EMC/NCEP