

JUNE  
2015

International Research Institute for Climate and Society

# CLIMATE BRIEFING



## What you need to know.

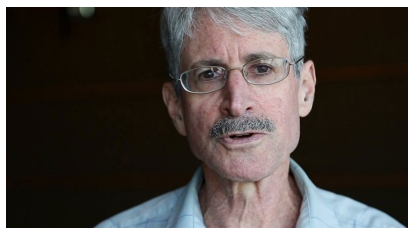
Since mid-May, both oceanic & atmospheric conditions in the tropical Pacific met thresholds required for moderate strength El Niño, including a warmed sea-surface temperature, significant weakening of trade winds and establishment of above-average cloudiness and rainfall in east-central tropical Pacific. The coupling of the anomalous oceanic and atmospheric conditions helps ensure continuation of El Niño through the coming seasons.

A new set of model runs indicates probability for El Niño greater than 90% from the Jun–Aug season in progress through the northern autumn season, and at least 85% through winter (lower chart on right). These probabilities are approximately the same as those of the official ENSO forecast issued June 11, which used both models and human judgement.

A majority of models suggests either continuation or further strengthening of El Niño during summer, to remain a moderate strength event or possibly become a strong event. Some uncertainty remains for forecasts of the El Niño's peak strength.

## Tony's Take\*

IRI Chief Climate Forecaster Anthony Barnston gives a video rundown of the climate briefing in under two minutes. Feel free to embed!

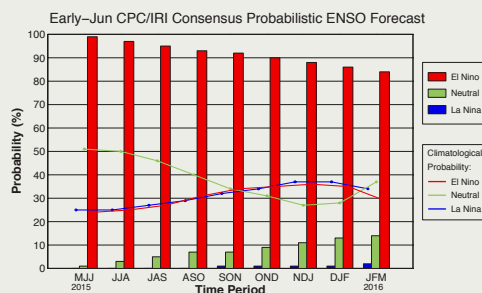


Link: <https://vimeo.com/131020775>

\*Video usually posted by 5 pm on the day of the briefing.

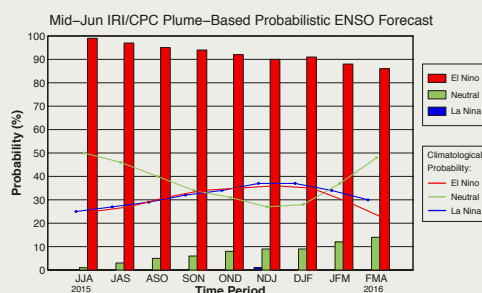
## This month's key graphic.

### Current Official ENSO forecast (issued June 11)



NOAA's Climate Prediction Center and IRI jointly produce this forecast every second Thursday. It stands as the official consensus forecast for ENSO.

### Updated ENSO forecast (June 18)



IRI and CPC issue an updated model-based ENSO forecast on the third Thursday of each month.

## Additional Resources.

### Powerpoint of this month's briefing:

[iri.columbia.edu/~tonyb/fctbriefingJun15.ppt](http://iri.columbia.edu/~tonyb/fctbriefingJun15.ppt)

### All of IRI's Forecasts:

[iri.columbia.edu/our-expertise/climate/forecasts/](http://iri.columbia.edu/our-expertise/climate/forecasts/)

### IRI's ENSO Map Room:

[iridl.ideo.columbia.edu/maproom/ENSO/](http://iridl.ideo.columbia.edu/maproom/ENSO/)

Email [media@iri.columbia.edu](mailto:media@iri.columbia.edu) to sign up for this bulletin

ENSO questions? Tweet @climatesociety w/ #ENSOQandA