

NOV.  
2014

International Research Institute for Climate and Society

# CLIMATE BRIEFING



## What you need to know.

**Warm ENSO SST conditions are redeveloping** after a relative hiatus during October. During the last few weeks, tropical Pacific SSTs have exceeded thresholds for a weak El Niño condition. However, not all of the atmospheric manifestations have appeared. More complete participation of the atmosphere is required to achieve the coupling needed for a sustained El Niño episode. Notably missing is a greater-than-normal amount of cloudiness and rainfall near the international dateline along equator, required for El Niño to exert its global climate impacts. A more comprehensive, complete El Niño development is still very much a possibility in the coming few weeks.

**A new set of model runs indicates the probability for El Niño at 70–75% for the November–January season in progress**, maintaining this likelihood through the January–March season (lower chart on right). These probabilities are slightly higher than those of the official ENSO forecast issued November 6, which used both models and human judgement.

**A majority of models forecast weak event strength**, although a few predict moderate strength and some for no El Niño event. We think a weak event is the most likely outcome.

## 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!

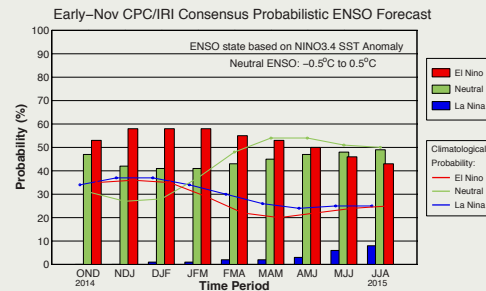


Link: <https://vimeo.com/112348430>

\*Video usually posted by 3 pm on the day of the briefing.

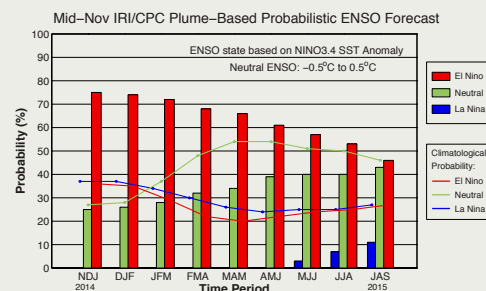
## This month's key graphic.

### Current Official ENSO forecast (issued Nov. 6)



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

### Updated ENSO forecast (mid-November)



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/fctbriefingNov14.ppt](http://iri.columbia.edu/~tonyb/fctbriefingNov14.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

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