Subject: Re: EOF Arctic Oscillation for beginner
Posted by David Fanning on Fri, 06 Mar 2015 22:58:03 GMT
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siumtesfai@gmail.com writes:

> I have used geopotential height at 1000hPa from NCEP/NCAR
> I looked at JFM average , and other seasons.
> The PC1 looks similar to their website (
http://www.cpc.ncep.noaa.gov/products/precip/CWlink/daily_ao
_index/JFM_season_ao_index.shtml)
>
> However, when I regress the EOF with PC1 , I do not see dipole structure.
>
> Did I get the method right or somethings is wrong which I do not understand ?
>
> My final answer should be similar to the figure from NOAA website
> (http://www.cpc.ncep.noaa.gov/products/precip/CWlink/daily_ao _index/ao.loading.shtml)

I really couldn't tell you. I did that work a long time ago. I don't
remember much about it, except that I spent weeks working it out. It
certainly seemed to produce correct answers (at least consistent with
other methods I tested) when I was doing that particular study.

But, I'm retired now, and even thinking about EOF analysis gives me a
headache. :-(

Cheers,

David
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Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")