

Second Pacific Islands Climate Outlook Forum

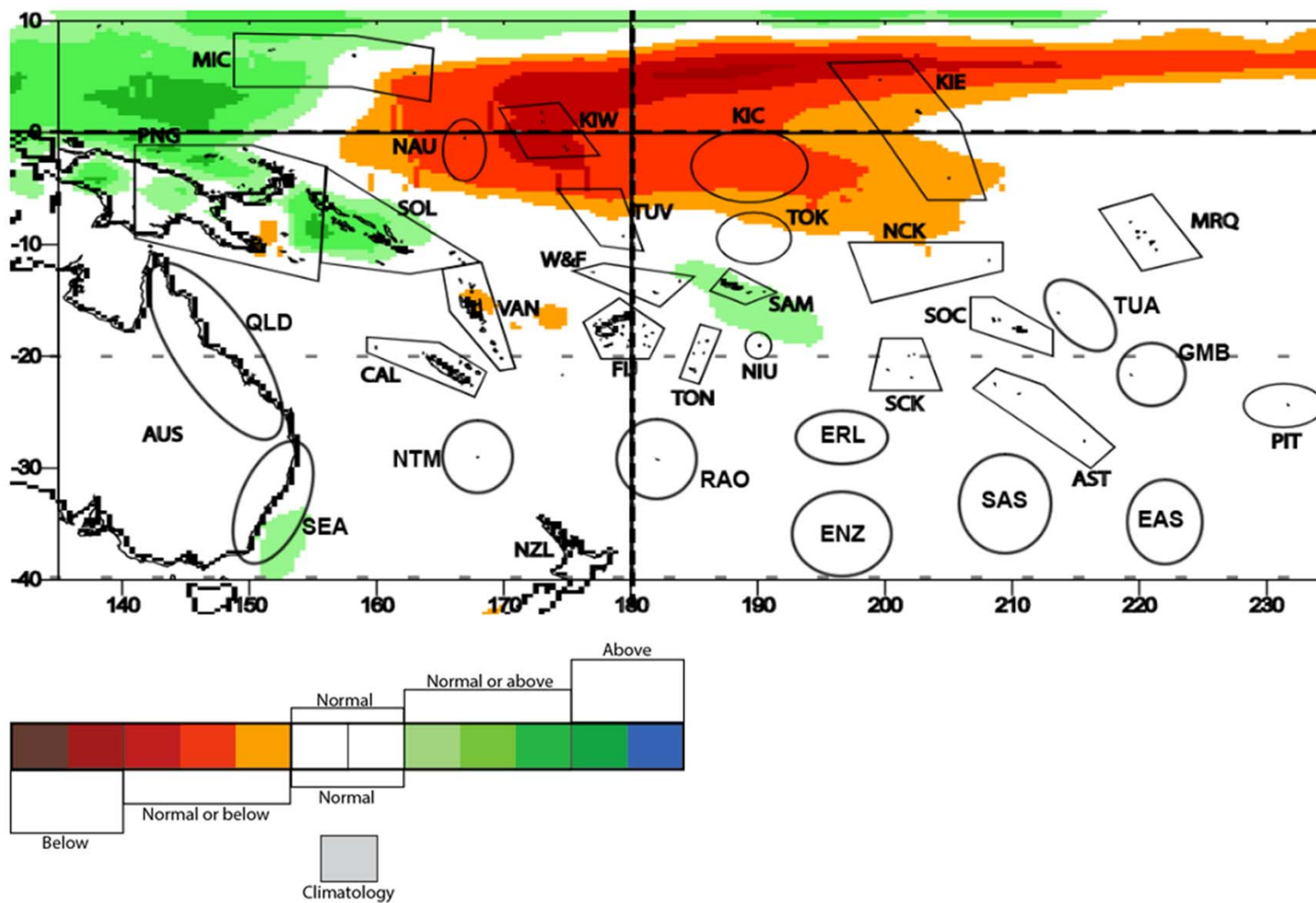
PICOF-2

Rainfall forecasts (OND 2016 to NDJ 2016/17)

- Dr. nicolas Fauchereau
- Climate Scientist
- NIWA

October – December 2016

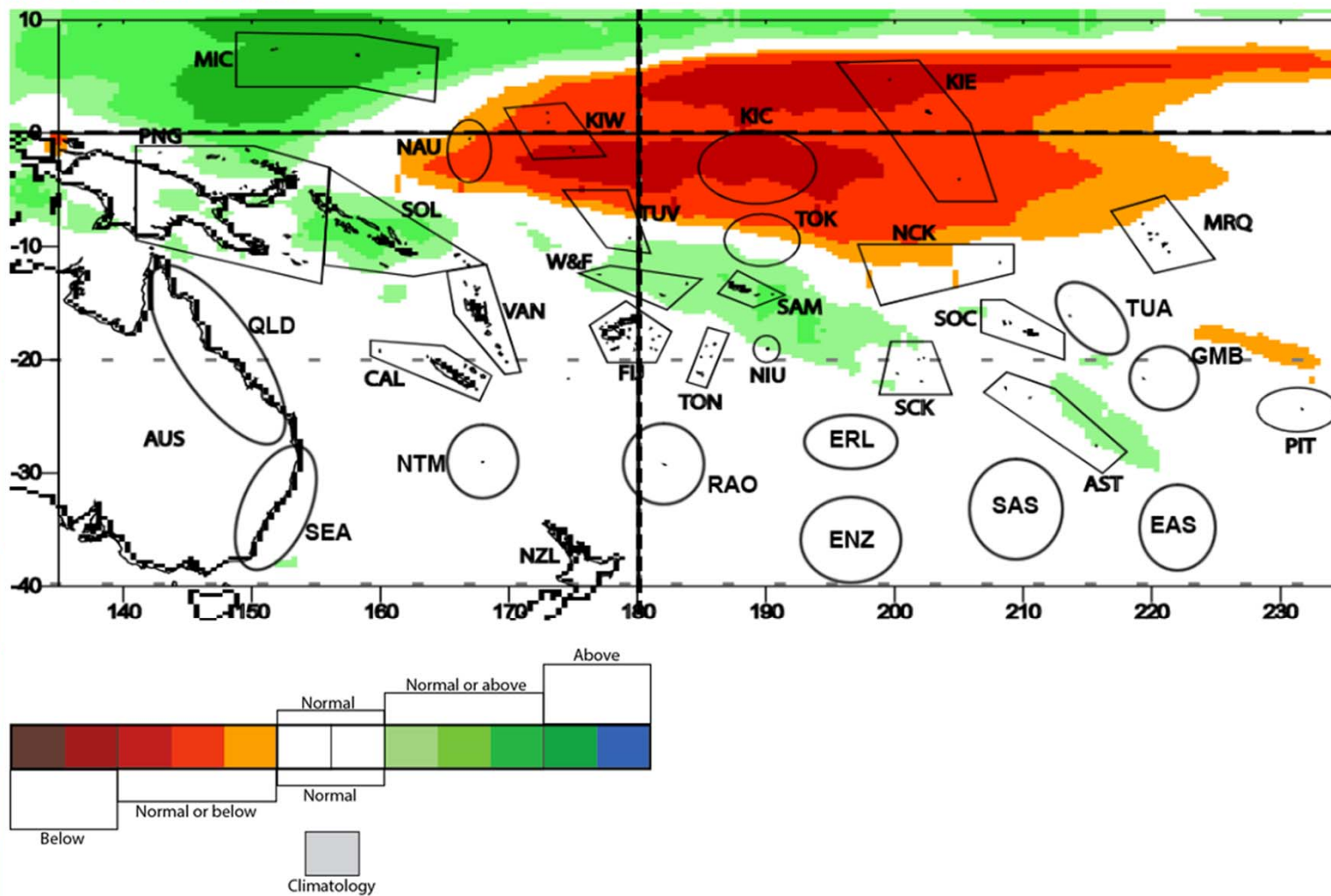
NCEP CFSv2 rainfall E3



<http://www.cpc.ncep.noaa.gov/products/CFSv2/images/Ind1/glbPrecSealnd1.gif>

November – January 2016/17

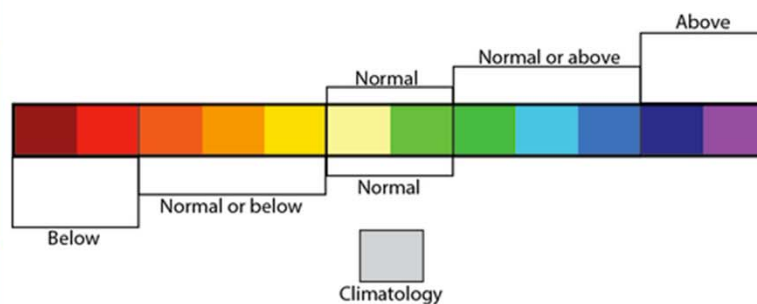
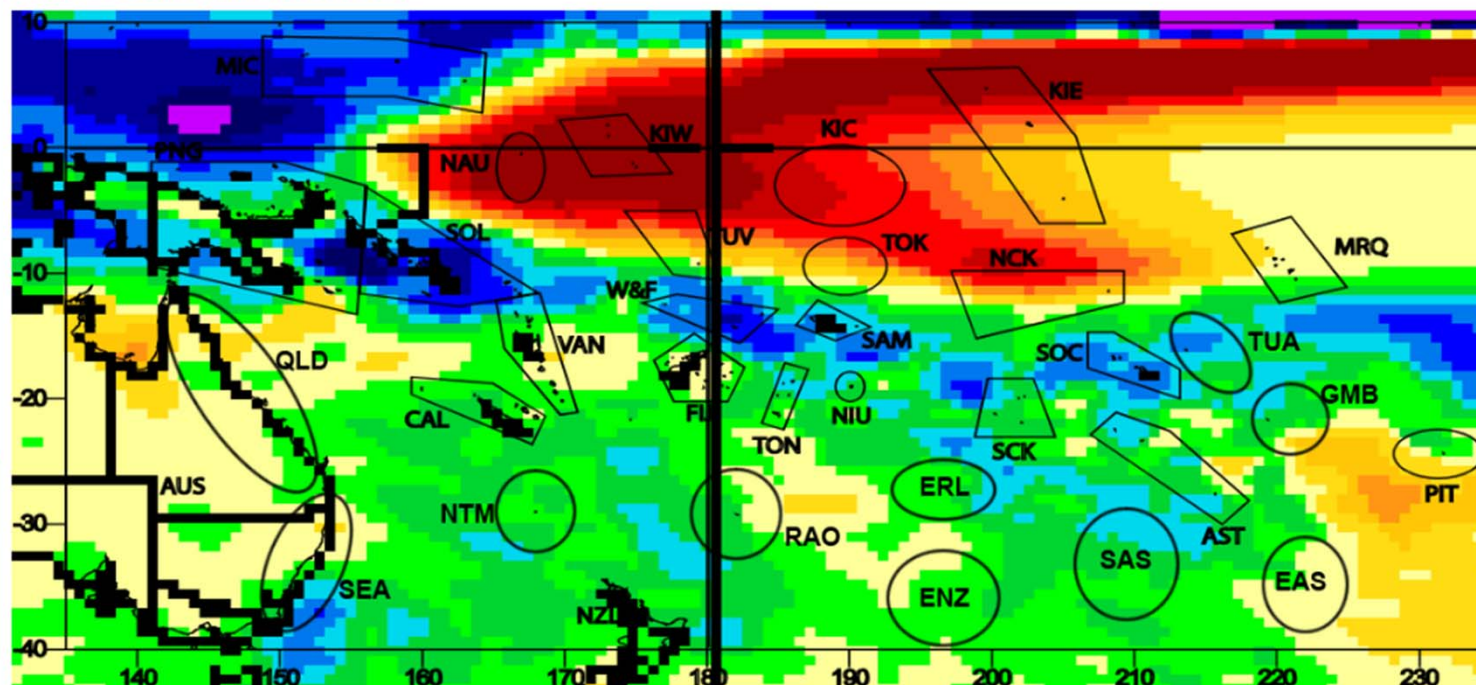
NCEP CFSv2 rainfall E3



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October – December 2016

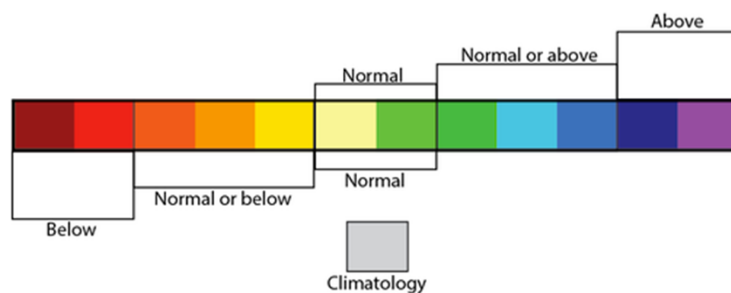
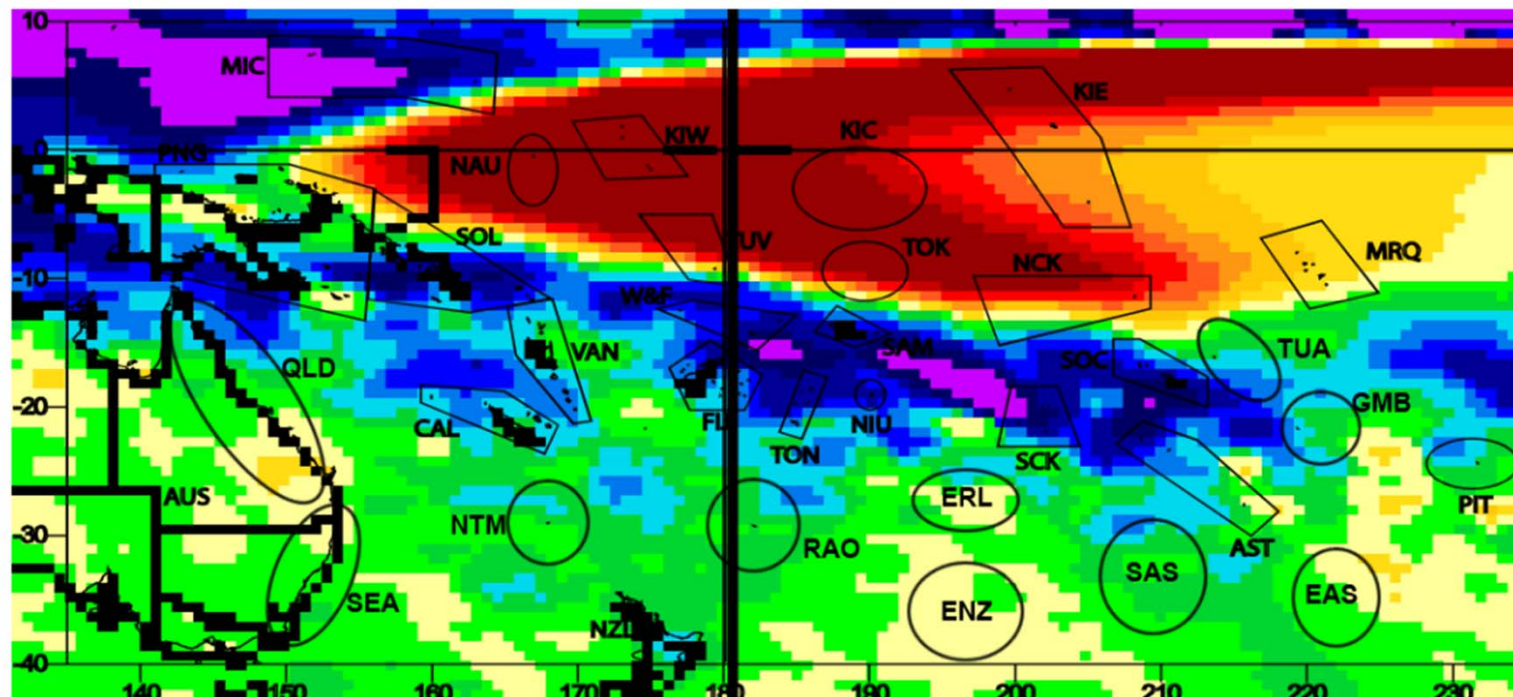
UKMO Seasonal Forecast



<http://www.metoffice.gov.uk>

November – January 2016/17

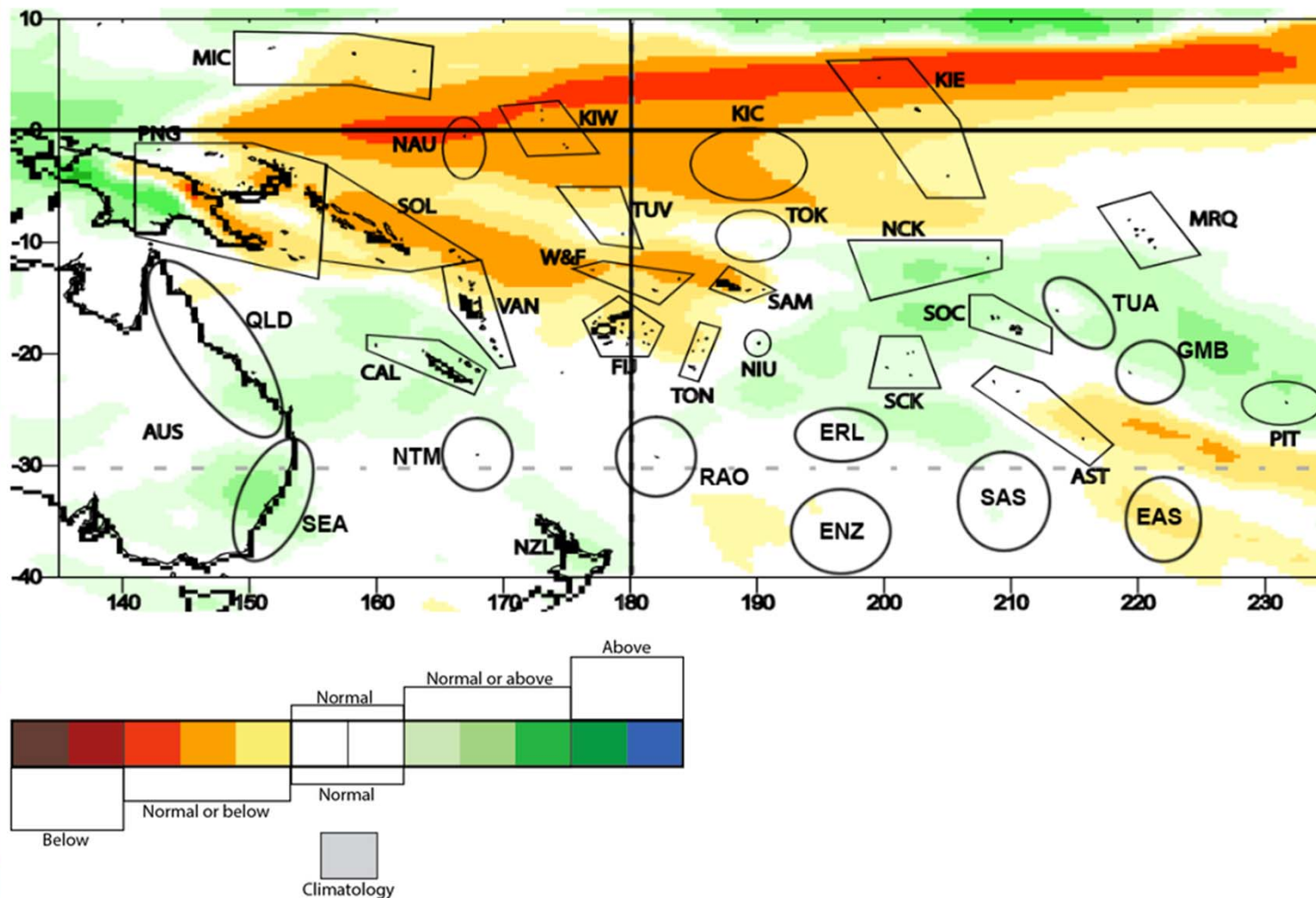
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October – December 2016

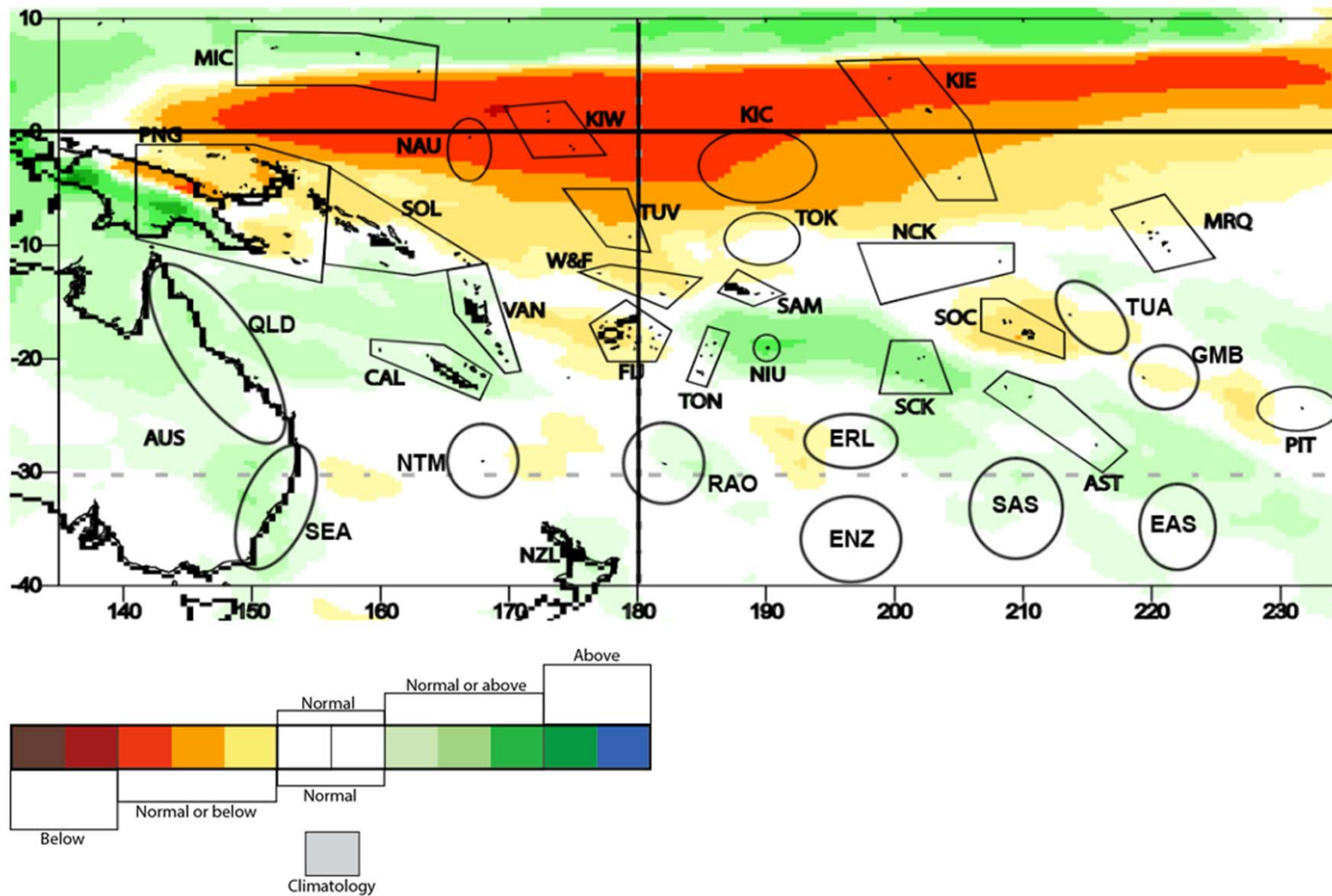
NASA - 1m lead



http://www.cpc.ncep.noaa.gov/products/NMME/current/images/NASA_ensemble_prte_season2.png

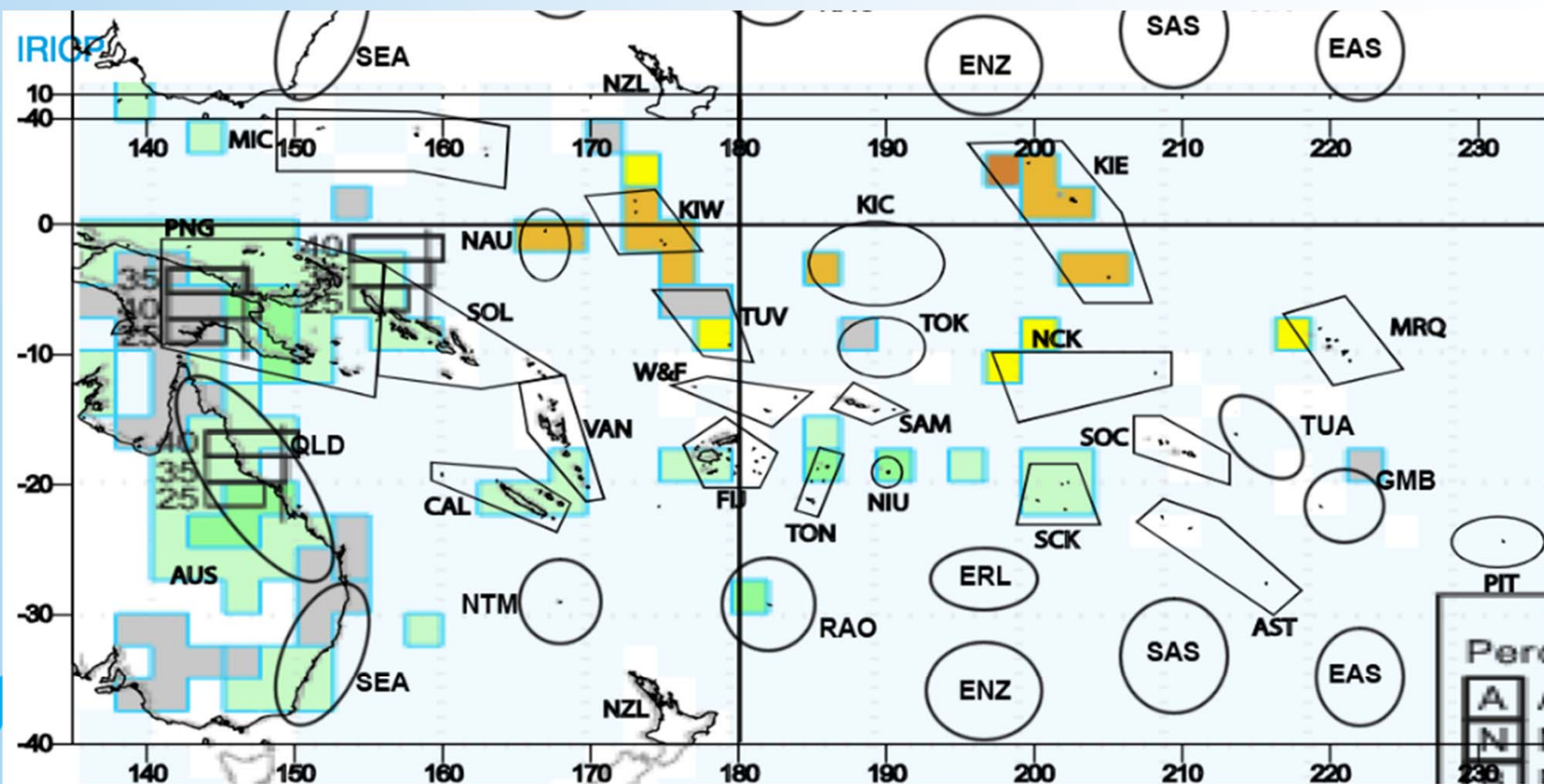
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NASA - 1m lead

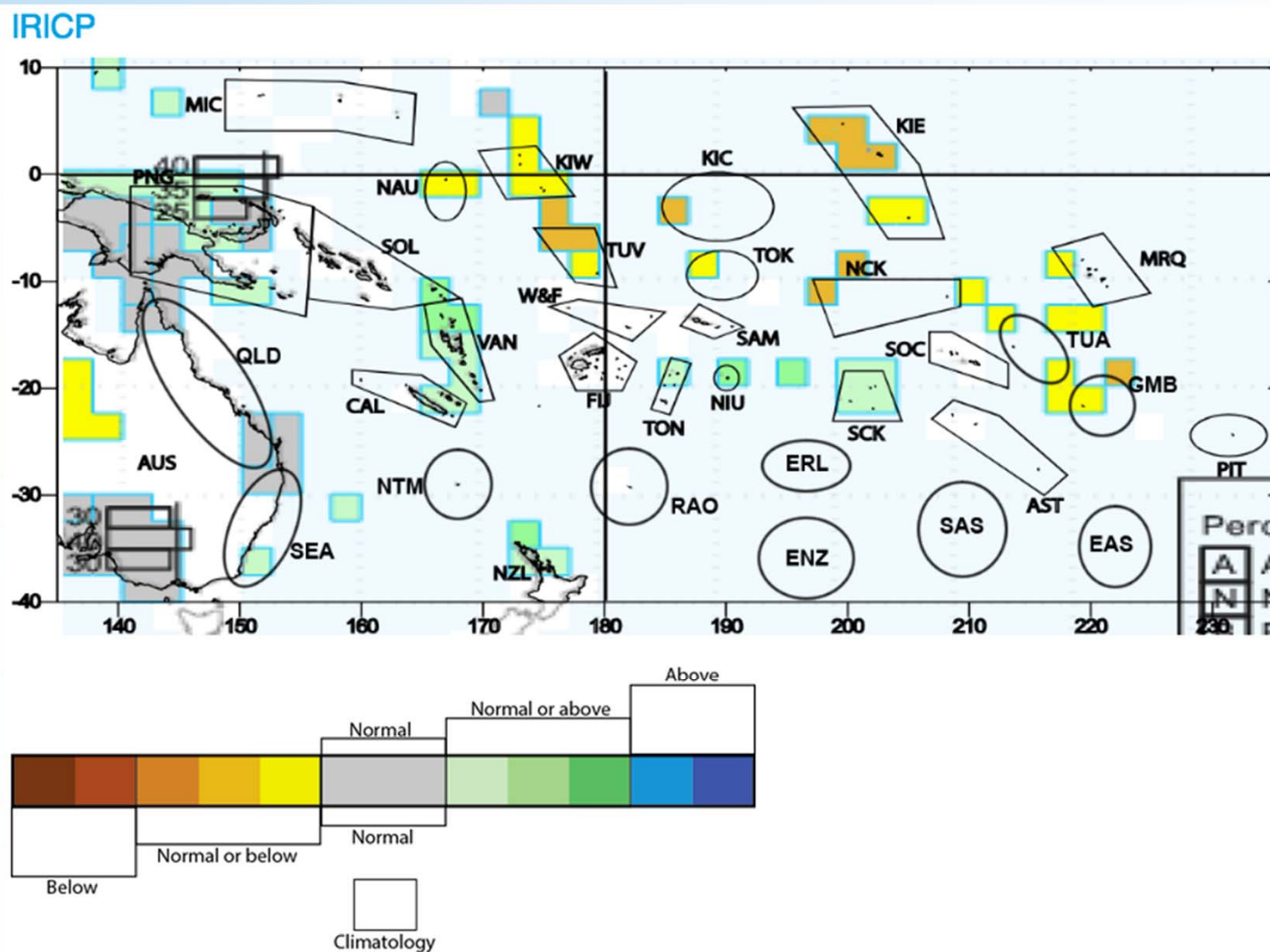


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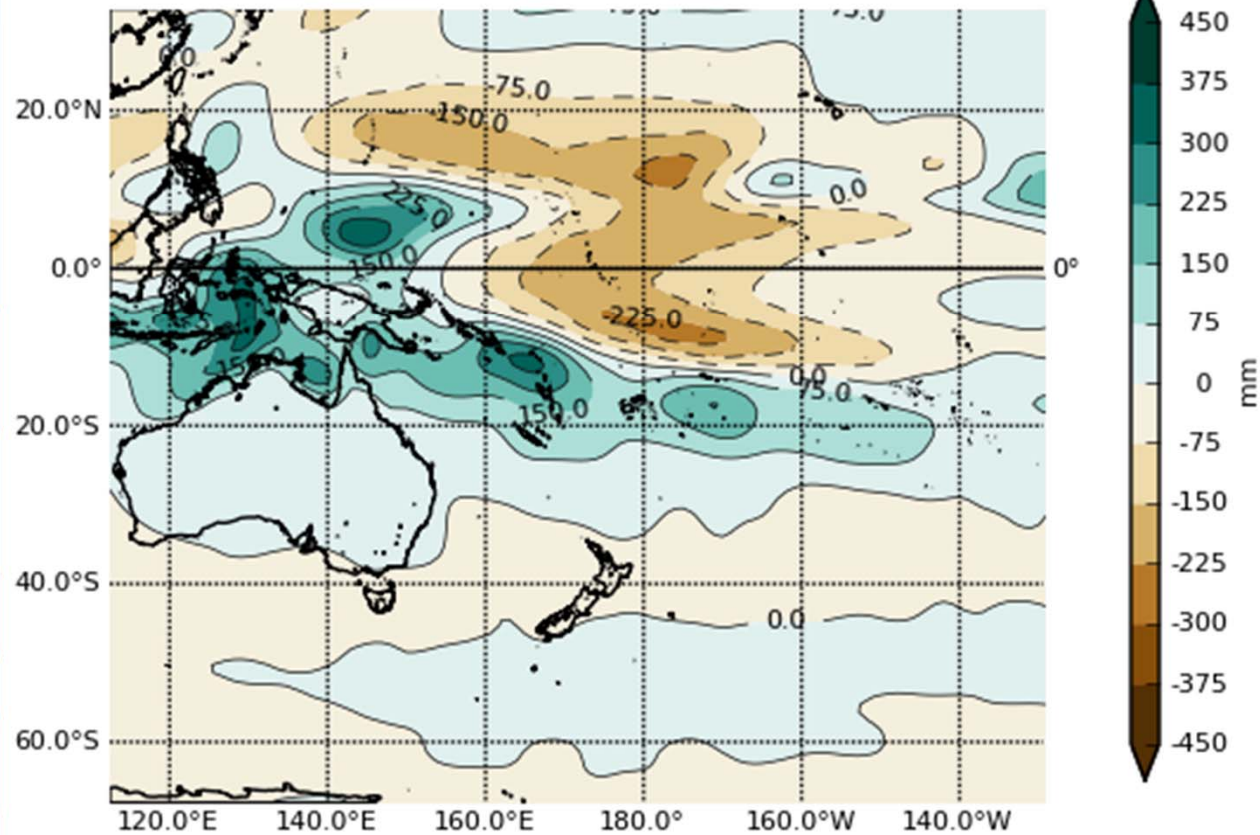


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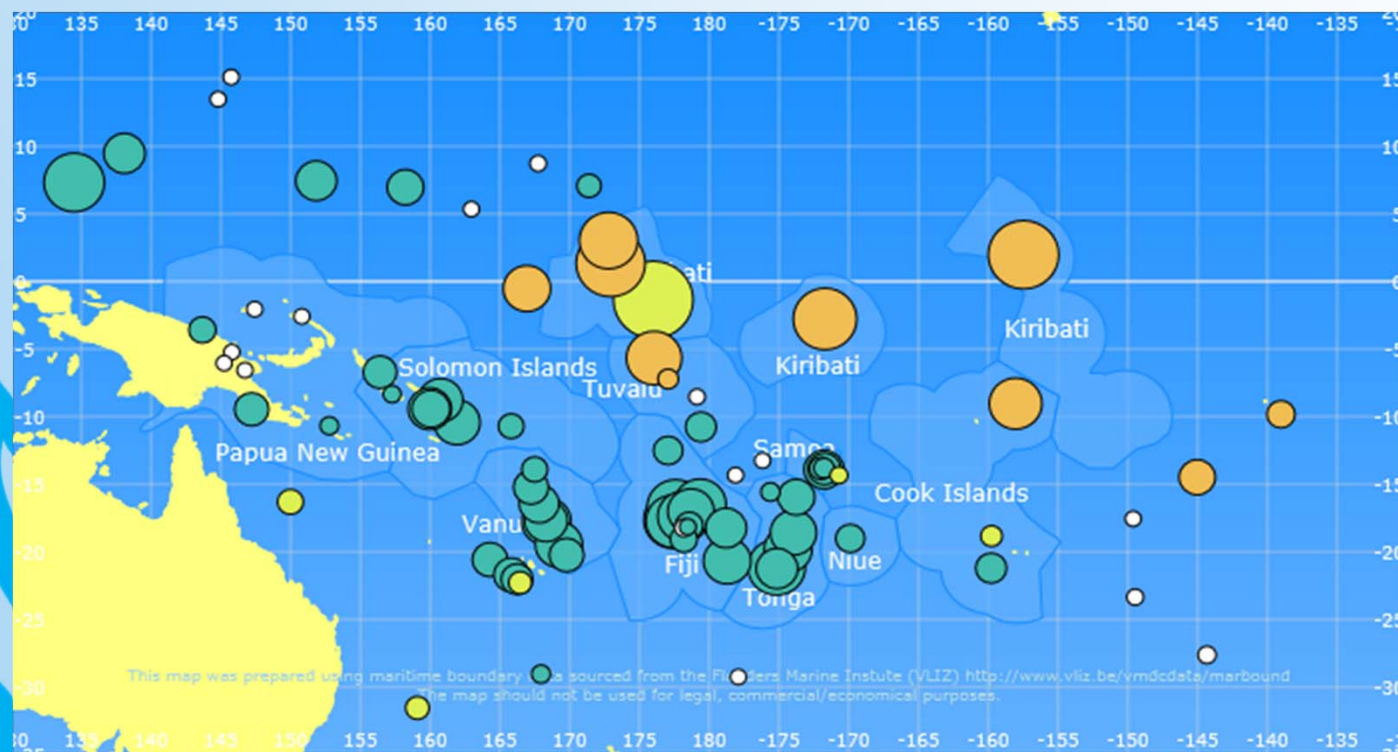


October – December 2016

PACCSAP: Dynamical Seasonal Outlooks for the Pacific.
Outlook based on POAMA 2 CGCM adjusted for historical skill.
Experimental outlook for demonstration and research only.
Variable: prcpa(mm)
Model initialised: 20161101
Forecast period: NDJ, Lead time: 0 months



Scopic seasonal rainfall outlook (November 2016 – January 2017)



Legend

-  Bias towards below-normal rainfall
-  Bias towards normal rainfall
-  Bias towards above-normal rainfall
-  No bias in forecast (Climatology)

Larger "bubbles" represent higher forecast skill (based on LEPS scores)

Models available for OND → NDJ forecast:

- Intensification of dry conditions in the Equatorial central Pacific from OND to NDJ forecasts
- Normal or wetter than normal conditions for SW Pacific (but not extremely strong consensus)
- Broadly consistent with **weak to moderate La Niña conditions**

