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SEASONAL RAINFALL OUTLOOK UPDATE

FOR JULY TO SEPTEMBER (JAS) 2017

BY
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Forecast July to September Summaries

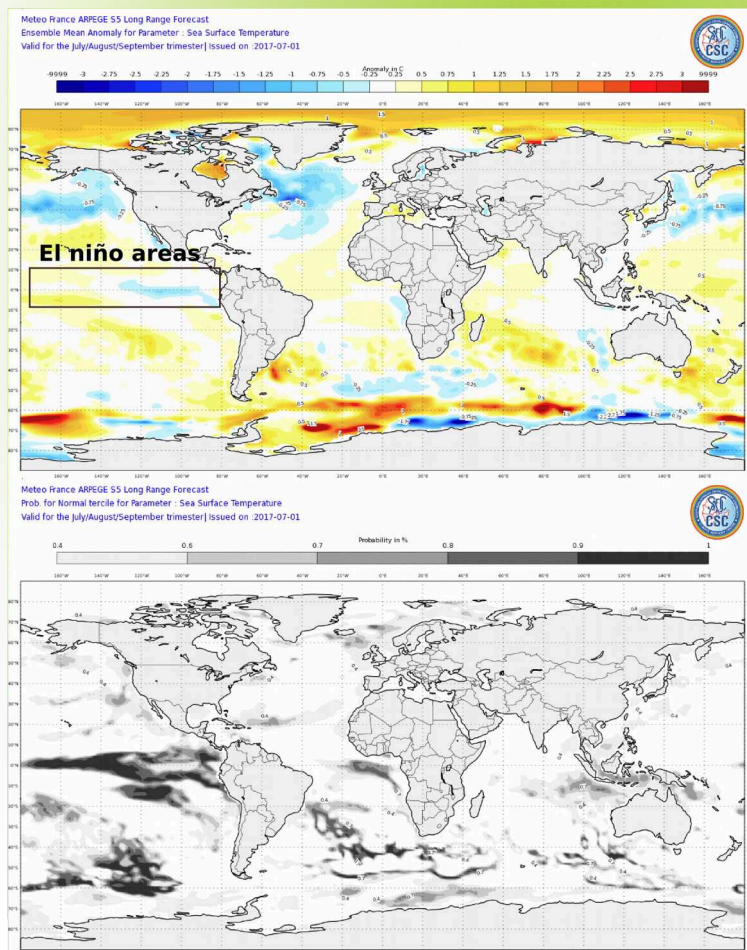
After many considerations, **the consensus the seasonal is above normal precipitation** for July to september 2017. During May 2017, ENSO neutral continued . Many models predict the onset of El Niño (3 month average Niño 3.4 index at or greater than 0.5°C) during the Northern Hemisphere summer. However, the NCEP CFSv2 and most of the models from the latest runs of the North American Multi Model Ensemble (NMME) are now favoring the continuation of ENSO neutral. These predictions, combined with the near average atmospheric conditions over the Pacific, have resulted in slightly more confidence for the persistence of ENSO neutral(50 to ~55% chance). However, chances for El Niño remain elevated (35-50%) relative to the long term average into the fall.

In summary, **ENSO neutral is favored (50 to ~55 % chance) through the Northern Hemisphere fall 2017.**

Last ENSO 3.4 Observation



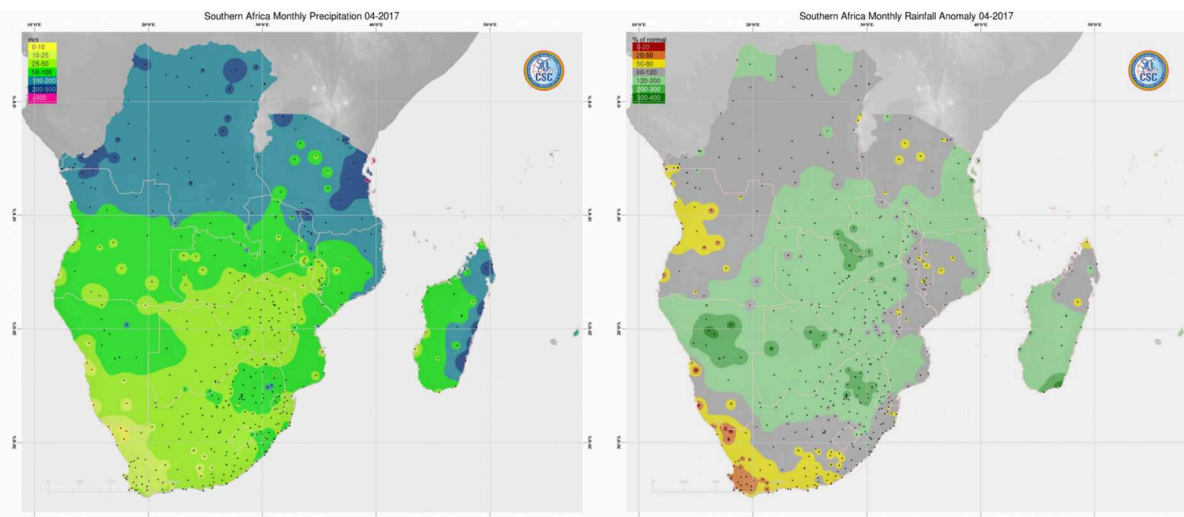
Last ENSO Forecast



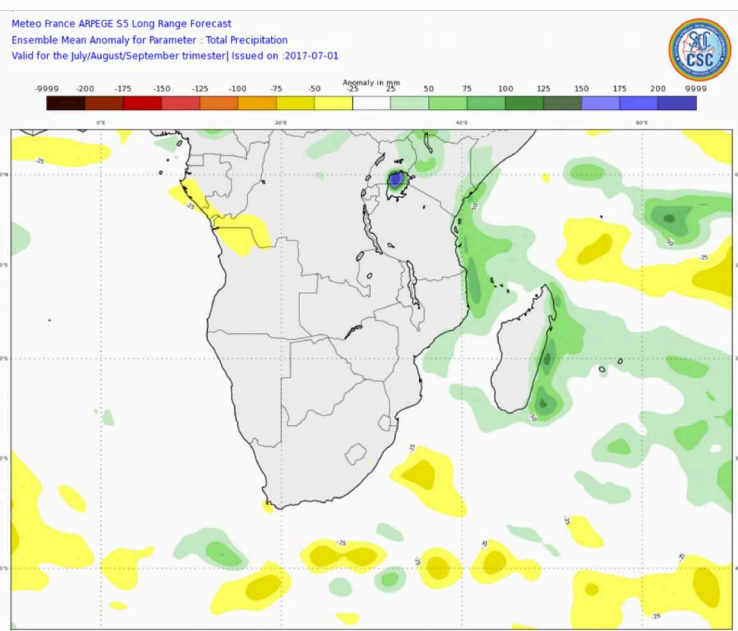
SST Departures (oC) in the Tropical Pacific During the Last Four Weeks:

During the last four weeks, equatorial SSTs were **above-average** across the western to east - central Pacific.

During May, ENSO-neutral continued, though sea surface temperatures (SSTs) were above average in the east-central Pacific Ocean. The latest weekly Niño index values were near +0.5°C in most of the Niño regions, except for the easternmost Niño-1 +2, which was at +0.2°C. The upper-ocean heat content anomaly increased during May, reflecting the expansion of above-average sub-surface temperatures across the central and eastern Pacific in association with a downwelling oceanic Kelvin wave.



During the month of December 2016, much of the rainfall was confined to the northern parts of the Central district and Chobe, where a cumulative rainfall amounts of more than 200mm was recorded over the Northern Central. Nata recorded the highest cumulated rainfall of 218mm, followed by Mmashoro with 171mm



Northern parts of DRC, southern parts of Zambia, most parts of Malawi, east of Mozambique, eastern and south coastal regions of Madagascar and the eastern parts of Tanzania received above normal precipitation with probability of 40 to 60%, while northern parts of Tanzania are expected to experience above normal precipitation of 80%

Forecast : Normal to below normal rainfall

	Temperature	Rainfall
AUGUST	Above Normal	Bellow normal
SEPTEMBER	Above Normal	Normal