



Discussion points on the provision and use Climate information

Kiribati and Tuvalu

National Climate Outlook and ENSO guidance



Kiribati Meteorological Service
Member of WMO

Contacts
Phone: (686) 26511, 25444
Fax: (686) 26089
Email: climate@met.gov.ki

Issue Outline:

- Climate Summary
- ENSO Update
- Statistical and Dynamical three month rainfall outlook
- Regional 3 months rainfall Map

Important notes:

The forecast confidence score has been categorised as follows:

Very Low < 0.0

Kiribati Climate Outlook

October– December 2016

Kiribati Meteorological Service Division
Office of Te Beretitenti

Climate Summary

September 2016

ENSO status - remains neutral through to the end of 2016, with an outlook remains at La - Nina Watch.

Based on consensus get – Normal to Below normal rainfall throughout the Kiribati region is likely for October to December this year.

El Nino-Southern Oscillation (El Nino/Neutral/La Nina) Update

ENSO remains in a neutral level. SST cooling has slowed recently. A neutral condition is likely to remain through the end of 2016 with a late - starting, weak and short - lived La Nina.

Neutral impacts over Kiribati is what normally experienced during the months of October to November. La - Nina usually associated with less rainfall within the Kiribati region.

Cont'd



TUVALU CLIMATE BULLETIN

TUVALU METEOROLOGICAL SERVICES
MINISTRY OF COMMUNICATION & TRANSPORT

September 2016



CLIMATE SUMMARY

IN BRIEF

- The normal rainfall reported from all meteorological stations except Niulakita reported as below normal rainfall for the month of August 2016.
- Few convective activities were observed from last month.
- Of the four stations, Niulakita station recorded the lowest total rainfall at 63.0mm, while Funafuti recorded the highest with a total of 224.0mm.
- Climate models predict La Nina WATCH remains in place.
- Three months rainfall outlook: Normal to Below Normal rainfall.



Possible impacts & Key Messages

Kiribati Group & Banaba

Advisory – Below Normal Rainfall:

Recent rainfall records confirmed that Below Normal rainfall persists across the Kiribati islands, condition is expected to continue in the coming months.

Hence, the Public is advised to take this message seriously in their daily planning and consumption of this freshwater.



- Below Normal Rainfall (Drought)
- Less Fishing/ Catch in Kiribati and Tuvalu region

Improve Communication process

- 1) Met Services
- 2) NDM (drought Committee)



- 3) Media/ Public
- 4) Stakeholders

(Cabinet to be informed only)



LA NINA KO IKONEI E SILI TE FAKATOKA!



La Nina se takapilipiliga ki tau o aso tela e fakamafua mai te lasi ote kogaa tai mokomoko e nofo iei, ise kogaa tai ote Pasefika. Mai te kogaa tai mokomoko tena, e fakamafua ne ia te lasi ote mafu-lifuliga kite tau ote aso, tela kaa fakamafua mai ei te mutana o vaiua



FAKAMAINAGA

Ke lasi te fakamainaga kii pokotiaga ote La Nina



MATAUPU TAU VAI

Sose fale, a tino iei e tau o atafai fakalei a mea tau vai



FALEVATIE

Fakamalosigina faifaiga fou e fakafoliki te fakaaogaga o vai

Nisi fakamatalaga: Telefoni napa—688 20736 or 688 20090

TivakuMetService

Indicators for Watches/Warnings

- Crops / Rainwater tanks / Water salinity

3-MONTHS: For monitoring agricultural crops e.g. Taro and household and community rainwater tanks.

6- and 12-MONTHS: For monitoring household wells.

36-, 48- and 60-MONTHS: For monitoring the freshwater lens. Use short timescale for small lens and longer timescale for large lens.

SUMMARY STATEMENT

- **Season:** Kiribati is currently in Dry season or AU MAIAKI (May-October).
- **ENSO Status:** Remains in Neutral Phase but a weak La Nina approaches.
- **Drought Highlights:**
 - Rainfall records show that Butaritari and Kiritimati are in drought for the 3 months period (affects crops and rainwater tanks). Butaritari is also in drought for the 6 months period and warning for the 12 months period.
 - Tarawa, Abaiang and Beru are in warning for the 3 months period.
 - Kanton is not in drought.
 - Drought assessment done in August by Disaster and Water Units in Butaritari shows that Water on the island is still sufficient.



Drought Monitoring Table

Station	3-months	6-months	12-months	36-months	48-months
Western Kiribati					
Butaritari	Red	Red	Orange	Blue	Blue
Tarawa	Orange	Blue	Blue	Blue	Blue
Abaiang	Orange	Blue	Blue	Blue	Blue
Beru	Orange	Blue	Blue	Blue	Blue
Central Kiribati					
Kanton	Blue	Blue	Blue	Blue	Blue
Eastern Kiribati					
Kiritimati	Red	Blue	Blue	Blue	Blue

Decrease chance of 40%tile ←

→ Increase chance of 40%tile

Actions for each level

- **Drought Watch**
- Provide advisories
- Verification forecast with water condition
- Frequent drought meeting

- **Drought**
- Monitor the impacts and condition
- Seek assistance (Red cross etc)



END