

El Niño/La Niña Watch

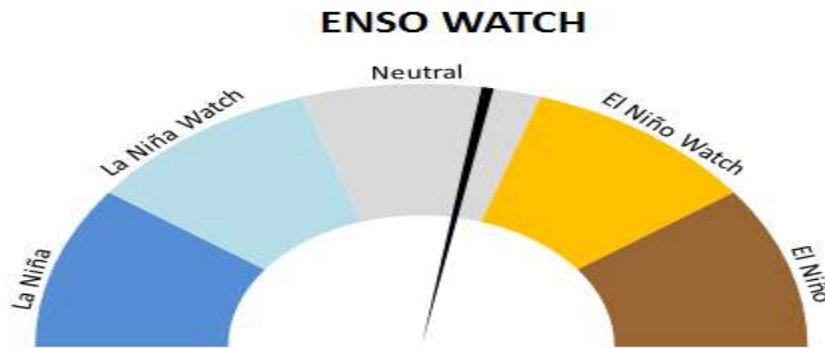


Climate Section | Tel: (868) 225-3477/3440/3479 | Fax: (868) 669-4009 | Email: dirmet@metoffice.gov.tt

ENSO Watch Update (based on the NINO3.4 index (120-170W, 5S-5N))

Issued: July 05, 2017

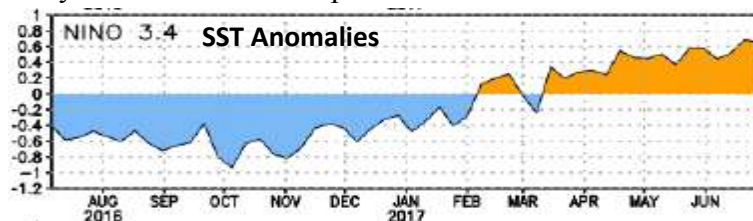
Reasonable Chance (50-55%) for ENSO-neutral Conditions during July to September 2017
El Niño Watch Ended



Although the tropical Pacific Ocean remained slightly warmer than average during the four (4) weeks ending July 01, 2017, sea surface temperatures (SSTs) in the Niño 3.4 are within the ENSO-neutral category but on the warm-side. At the same time, all other El Niño-Southern Oscillation (ENSO) indicators are at neutral levels. Most ENSO-prediction models indicate ENSO-neutral conditions are favoured (50-55% chance) to persist through to the end of the 2017 wet season but there is still a 40-45% chance for El Niño development during July to September. This means the TTMS's El Niño Watch has ended and ENSO Watch is currently neutral, neither El Niño nor La Niña watch.

Even though the warming signal is currently weak, ENSO-neutral on the warm side occurring during the local wet season has historically shown some association with tilting the odds towards drier and warmer conditions in Trinidad and Tobago; but these effects vary from one ENSO-neutral condition to another.

- The NINO3.4 index is based on the three-month running-mean SST departure from average in the Niño 3.4 region (120-170W, 5S-5N), and is a principal measure for monitoring, assessing, and predicting ENSO. El Niño or La Niña conditions are considered to occur when the monthly Niño3.4 SST departures meet or exceed +/- 0.5°C along with consistent atmospheric features.
- TTMS's El Niño and La Niña Watches are activated when CPC/IRI Probabilistic ENSO Outlook indicates approximately 50% chance development of El Niño and La Niña.



Source: Adopted from <http://www.cpc.ncep.noaa.gov/products/precip/CWlink/MJO/enso.shtml>