



## Monthly Climate Assessment and Outlook / La Niña Watch

### Assessment in July 2016

El Niño Southern Oscillation (ENSO)-neutral conditions are present in the tropical Pacific. However, the central and eastern equatorial Pacific (CEEP) drifted towards cooler than average sea surface temperatures (SSTs), indicating the possibility of weak La Nina in the coming months. With this current state, La Niña Watch is still in effect.

The weather systems that affected the country during the month were the inter-tropical convergence zone (ITCZ), southwest (SW) monsoon, low pressure areas (LPAs), ridge of high pressure areas (HPAs) and the passage of two (2) tropical cyclones (TCs) named Typhoon (TY) "Butchoy" (July 5-8) and Severe Tropical Storm (STS) "Carina" (July 30 - Aug 1). TY "Butchoy" did not make landfall but enhanced the SW monsoon that brought moderate to occasionally heavy rains over the provinces of Zambales, Bataan, Cavite, Batangas, Mindoro and Northern Palawan. On the other hand, STS "Carina" made landfall in Cabutunan Point, Cagayan and traversed the Northern Cagayan area. It also enhanced the SW monsoon and brought heavy rains, strong winds and tornado occurrences that caused floodings and landslides. Damage to properties and infrastructures were noted in Regions I, II, III, IV-B, VI, VIII and Cordillera Administrative Region (CAR) as reported by the National Disaster Risk Reduction and Management Council (NDRRMC).

Rainfall assessment for the month of July showed that near to above normal rainfall conditions were evident in most areas of Northern Luzon, Central and Eastern Visayas, Bicol Region and in most parts of Mindanao. The rest of the country experienced below to way below normal rainfall conditions. Moreover, frequent thunderstorms in the afternoon or early evening were also observed.

On the average, most parts of the country experienced slightly warmer than average surface air temperatures. The actual ranges were as follows; mountainous areas of Luzon: 15°C - 26°C; rest of Luzon: 21°C- 37°C; Visayas: 22°C - 35°C; mountainous areas of Mindanao: 18°C - 33°C; and, rest of Mindanao: 22°C - 37°C.

### Outlook in August 2016

Weather systems that are likely to affect the country during the month are the SW monsoon, the ITCZ, LPAs, monsoon trough and two (2) to four (4) tropical cyclones that may enter/develop in the Philippine Area of Responsibility (PAR).

Rainfall forecast for the month showed that most parts of the country will likely to receive near to above normal rainfall. However, some portions of Visayas and Mindanao are expected to experience below normal rainfall conditions

In general, slightly warmer than average air temperatures are expected in most parts of the country in August. Predicted ranges of temperature are as follows: 15°C to 27°C over the mountainous areas of Luzon, 19°C to 37°C for the rest of Luzon, 22°C to 36°C over the Visayas, 16°C to 33°C over the mountainous areas of Mindanao, and 20°C to 37°C over rest of Mindanao.

PAGASA will continue to closely monitor the likelihood of La Niña and updates shall be issued as appropriate. Meanwhile, concerned agencies are already advised to take precautionary actions to mitigate the adverse impacts of this phenomenon. For further information, please contact the Climatology and Agrometeorology Division (CAD) at telephone numbers 434- 0955 or 435- 1675.

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