

What is la nina?

- La Niña is a climate pattern characterized by the cooling of sea surface temperatures in the central and eastern equatorial Pacific Ocean, leading to various weather changes globally. It is part of the broader El Niño-Southern Oscillation (ENSO) climate phenomenon, which also includes El Niño and a neutral phase. Pacific Ocean, leading to various weather changes globally.

[https://www.weather.gov/iwx/la_nina#:~:text=La%20Nina%20refers%20to%20the,Southern%20Oscillation%20\(ENSO\)%20cycle.](https://www.weather.gov/iwx/la_nina#:~:text=La%20Nina%20refers%20to%20the,Southern%20Oscillation%20(ENSO)%20cycle.)

Preparation to la nina

- The Victorian summer of 2022/23 is set to bring more rain, possible floods and cooler than usual daytime temperatures thanks to La Niña, a naturally occurring shift in ocean temperatures and weather patterns along the equator in the Pacific Ocean. The Bureau of Meteorology (BoM) believes this weather pattern is set to hit Australia's east coast for the third year in a row, with above-average rainfall peaking during springtime. In fact, records show that rainfall is 20 percent higher than average for December-March during La Niña years, heightening the risk of severe flooding over summer.

<https://www.racv.com.au/royalauto/property/insurance/la-nina-home-preparation.html>

https://opinion.inquirer.net/173807/are-we-ready-for-la-nina?fbclid=IwZXh0bgNhZW0CMTAAR1-krewgTYvB1wsLKwfG19LLWr0d8AZxhNYElucTtawG5pZZTHcSMdgpeg_aem_AXTOLHITPoH1qM97WH4Gv4B45u6cPCKfDHkGoqIHhtUwEJ_Jh4YiaRRx3I5_dmsHyZBU9k171tMnS9GBk2V28Ft_

-The article discusses the readiness of the Philippines for La Niña, a weather phenomenon characterized by cooler sea surface temperatures in the central and eastern tropical Pacific Ocean. It highlights the potential impacts of La Niña on agriculture, water resources, and disaster preparedness in the country. It emphasizes the importance of proactive measures to mitigate the effects of La Niña, such as enhancing irrigation systems, strengthening early warning systems, and promoting climate-resilient agricultural practices. Overall, the article calls for increased awareness and preparedness to effectively respond to the challenges posed by La Niña. (pwede rin po dito kunin ung impact ng La Nina sa economy ha)

Cause and effect

- La Niña is a climate pattern that describes the cooling of surface-ocean waters along the tropical west coast of South America. La Niña is considered to be the counterpart to El Niño,

which is characterized by unusually warm ocean temperatures in the equatorial region of the Pacific Ocean.

Together, La Niña and El Niño are the "cold" (La Niña) and "warm" (El Niño) phases of the El Niño-Southern Oscillation (ENSO). ENSO is series of linked weather- and ocean-related phenomena. Besides unusually warm or cool sea-surface temperatures, ENSO is also characterized by changes in atmospheric pressure.

La Niña events sometimes follow El Niño events, which occur at irregular intervals of about two to seven years. The local effects on weather caused by La Niña ("little girl" in Spanish) are generally the opposite of those associated with El Niño ("little boy" in Spanish). For this reason, La Niña is also called anti-El Niño and El Viejo (the old man in Spanish).

<https://education.nationalgeographic.org/resource/la-nina/>
<https://oceanservice.noaa.gov/facts/ninonina.html>

IMPACT OF LA NINA IN ECONOMY IN PHILIPPINE ECONOMY

- MANILA, Philippines — The Philippines is likely to experience more tropical cyclones in 2024 than last year due to the potential return of La Niña, the state weather bureau PAGASA said on Tuesday.

PAGASA projected 13 to 16 cyclones this year, marking an increase from 11 storms in 2023, an El Niño year. However, the figures are still below the average of 19 to 20 storms the country typically sees annually.

Ana Liza Solis, PAGASA's climate monitoring chief, said there are usually more cyclones during La Niña because of warmer ocean temperatures. There is a 62% chance that La Niña will develop during June to August.

https://www.philstar.com/headlines/climate-and-environment/2024/03/26/2343498/philippines-face-more-cyclones-2024-la-nias-return?fbclid=IwZXh0bgNhZW0CMTAAAR3HHUK7wSnC2TSOfIxe88wd5EIIPqdrmqxFkzHdYWXToXFGAMXaxiRYIws_aem_AXQDqUsaqW8FOW7vYHKWZH1jWYj0mKGCOkdrX1gVfH4JLZuE1uyQFo14Yw_FvqckwB0CBKvp5fZ2vxxz-jbiDHwe

-The Philippines is expected to face more cyclones in 2024 as La Niña conditions are forecasted to return. This weather phenomenon typically brings cooler sea surface temperatures, leading to an increase in tropical cyclone formation.

https://newsinfo.inquirer.net/1942751/dti-da-ramp-up-price-watch-as-la-nina-nears?fbclid=IwZXh0bgNhZW0CMTAAAR083FqLIYjrUhwg4GAagscQeeed9IGai8moz7qLq6NLvNo5BevRM5kaqMY_aem_AXQDyG1WEC4ICvCkSj7xGlp38ZS0ZmYGuPZDMn2CqovIDSZ75hvfVOMivd4zgyivfUhMCTBqfwB6h-2dcV3nxVaK

-The Department of Trade and Industry (DTI) and the Department of Agriculture (DA) in the Philippines are intensifying their monitoring efforts as La Niña approaches. The agencies are

ramping up their price watch activities to prevent any unjustified price increases on basic goods, particularly agricultural products. This proactive measure aims to safeguard consumers from potential price spikes that may arise due to weather-related disruptions in the supply chain.