



Republic of the Philippines

**DEPARTMENT OF SCIENCE AND TECHNOLOGY**

**Philippine Atmospheric, Geophysical and Astronomical Services**

**Administration (PAGASA)**

15 October 2021

## **PRESS STATEMENT**

DOST-PAGASA S & T Media Service

Quezon City

### **ONSET OF LA NIÑA 2021/ LA NIÑA ADVISORY # 1**

Recent oceanic and atmospheric conditions indicate La Niña has developed in the tropical Pacific. Since July 2021, the sea surface temperatures in the central and equatorial Pacific started to cool and further temperature drop strengthened in September reaching La Niña threshold. Based on the latest forecast, La Niña is likely to persist until the first quarter of 2022.

La Niña is usually associated with above normal rainfall conditions across most areas of the country during the last quarter of the year and early months of the following year.

Rainfall forecast from October 2021 to March 2022 suggests that most parts of the country will likely receive near to above normal rainfall conditions. In addition, four (4) to six (6) tropical cyclones (TCs), most of which are landfalling TCs, are expected to enter/develop in the Philippine Area of Responsibility (PAR). These TCs may further enhance the Northeast Monsoon and could trigger floods, flashfloods and rain-induced landslides over susceptible areas, particularly in the eastern sections of the country which normally receive greater amount of rainfall at this time of the year. Adverse impacts are likely over the vulnerable areas and sectors of the country.

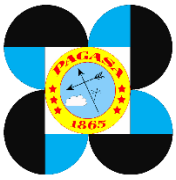
PAGASA will continue to closely monitor the ongoing La Niña and regular updates/advisories shall be issued as appropriate. Meanwhile, all concerned government agencies and the public are advised to take precautionary measures to mitigate the potential impacts of this event.

  
**VICENTE B. MALANO, Ph.D.**  
Administrator

*"tracking the sky...helping the country"*

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Attachments:

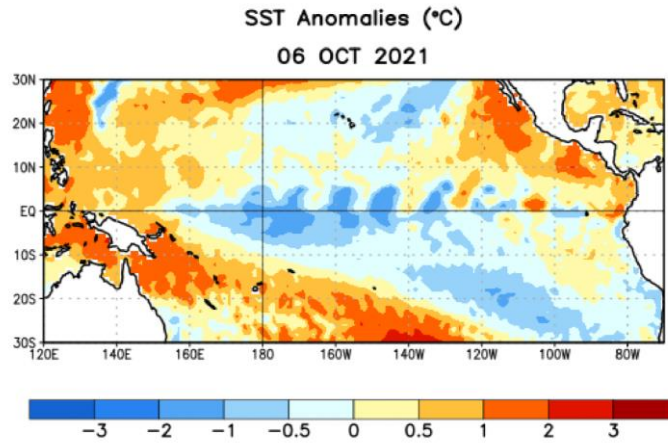


Figure 1. Average sea surface temperature (SST) anomalies ( $^{\circ}\text{C}$ ) for the week centered on 6 October 2021. Anomalies are computed with respect to the 1991-2020 base period weekly means.

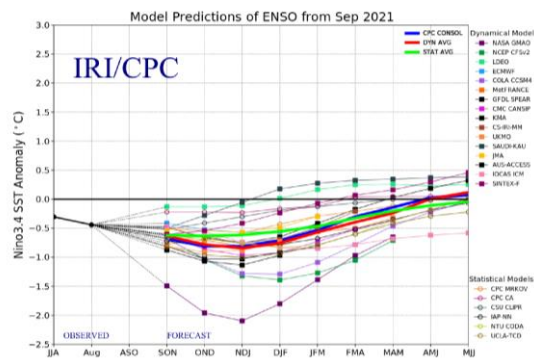
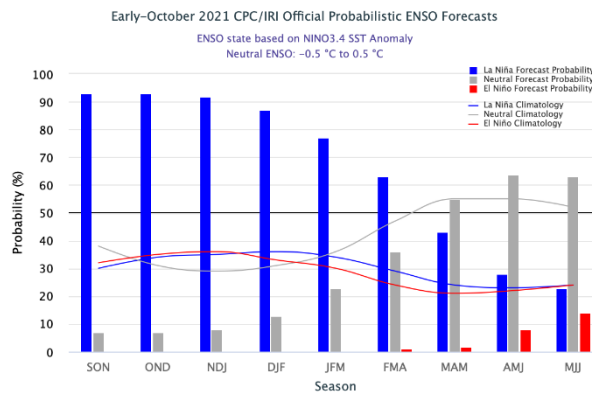


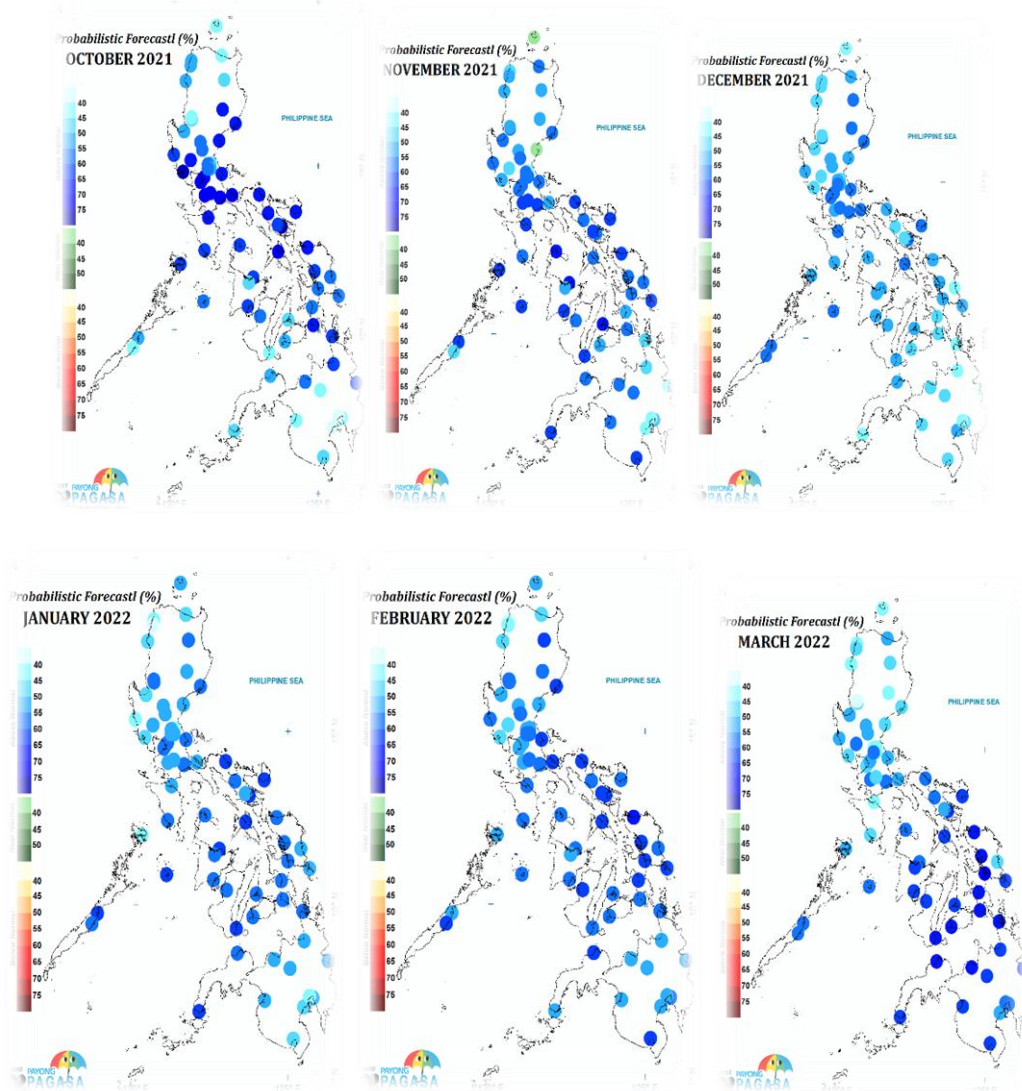
Figure 6. Forecasts of sea surface temperature (SST) anomalies for the Niño 3.4 region ( $5^{\circ}\text{N}$ - $5^{\circ}\text{S}$ ,  $120^{\circ}\text{W}$ - $170^{\circ}\text{W}$ ). Figure updated 20 September 2021.

*This forecast will have update next Wednesday*



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**Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)**

*Probabilistic Forecast*





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 Philippine Atmospheric, Geophysical and Astronomical Services  
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**FORECAST RAINFALL in Percent of Normal (October 2021 - March 2022) as of Sep 22, 2021**

PROVINCE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	PROVINCE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	PROVINCE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH
<b>REGION I (CABANONAN)</b>																				
ABRA	104.9	87.8	85.3	87.8	92.4	89.8	MARIKUJUE	146.3	132.6	129.6	122.9	131.1	139.7	ZAMBANGA DEL NORTE	117.4	125.5	117.3	155.4	114.4	170.4
BENGUET	88.2	105.1	85.1	85.8	96.1	75.8	OCCIDENTAL MINDORO	149.0	140.0	124.8	115.2	126.4	81.4	ZAMBANGA DEL SUR	114.1	127.7	125.2	125.3	114.7	170.8
BUGAO	114.3	117.9	116.4	94.5	114.2	78.5	OCCIDENTAL MINDORO	140.5	127.1	127.1	120.0	110.0	87.7	ZAMBANGA DEL SUR	113.7	128.3	134.0	117.5	115.1	148.0
KALINGA	114.3	117.9	116.4	94.5	114.2	78.5	ROMBLON	138.3	133.2	121.5	126.9	126.0	116.5	<b>REGION II (BULACAN)</b>						
APAYAO	111.7	87.5	106.4	93.8	71.6	66.4	PALANAN	134.2	127.8	140.1	111.5	114.2	111.8	BULACAN	114.1	128.2	121.1	121.8	126.0	145.3
MOUNTAIN PROVINCE	114.3	117.9	116.4	94.5	114.2	78.5	SPAINTE PLANDANS	145.7	132.5	125.0	89.2	110.1	86.5	CARIGON	128.0	125.5	107.4	129.7	128.6	151.9
<b>REGION II (CAGAYAN)</b>																				
ILOCOS NORTE	114.0	81.2	82.8	81.3	82.1	80.7	ALBAY	142.0	131.0	111.9	132.8	131.7	117.6	LANAO DEL NORTE	113.8	124.3	111.8	125.2	123.3	148.6
ILOCOS SUR	102.4	85.8	81.7	83.5	93.8	81.3	CAMARINES NORTE	145.1	131.8	125.4	116.3	127.8	123.7	MISAMIS OCCIDENTAL	118.4	124.7	135.4	144.3	128.6	174.2
LALUNON	91.0	121.4	81.3	79.0	71.0	66.7	CAMARINES SUR	146.0	123.3	111.3	125.8	121.2	123.1	MISAMIS ORIENTAL	117.0	121.1	133.4	127.4	142.9	151.4
PANGASINAN	124.3	125.2	87.8	85.2	79.0	80.3	CATANDUANES	135.6	136.5	128.0	127.8	141.8	131.8	<b>REGION III (DAVAO REGION)</b>						
<b>REGION III (CAGAYAN)</b>																				
BATANES	101.8	101.7	126.4	126.9	121.5	81.1	LAGIGITE	147.9	125.9	125.1	132.0	125.5	125.8	DAVAO DE ORO	111.2	125.3	105.7	114.8	122.2	141.3
CAGAYAN	101.1	111.3	120.8	120.8	126.2	85.3	SORSOGON	145.9	128.8	120.4	120.3	144.3	128.2	DAVAO DEL NORTE	129.0	85.4	122.1	102.3	115.3	121.3
ISABELA	125.4	118.1	126.1	120.3	146.0	86.0	<b>REGION IV (WESTERN VISAYAS)</b>						DAVAO DEL SUR	119.1	124.9	109.3	146.3	123.4	125.8	
NUVA VEGAS	121.2	124.1	126.7	84.9	114.3	102.2	ARELAN	120.8	125.4	129.9	128.1	118.1	119.2	DAVAO OCCIDENTAL	119.4	127.7	107.1	127.7	121.5	149.5
QUINTRO	124.4	128.8	129.2	119.2	135.8	108.1	ANTIQUE	125.4	125.4	125.3	123.0	122.5	119.3	DAVAO ORIENTAL	118.4	123.0	109.4	125.3	122.0	144.9
<b>REGION IV (CENTRAL LUZON)</b>																				
BULACAN	101.8	81.0	101.4	111.3	95.0	81.7	CAPIZ	117.6	115.1	117.8	129.1	127.5	129.0	<b>REGION V (COTABATO)</b>						
BULACAN	101.8	81.0	101.4	111.3	95.0	81.7	GUIMBARRAS	125.4	126.5	125.7	126.2	145.5	126.8	SOUTH COTABATO	119.0	121.7	105.3	112.8	124.9	159.8
NUVA VEGAS	121.2	124.1	126.7	84.9	114.3	102.2	IBIGON	120.1	128.8	122.8	124.5	126.8	121.3	COTABATO	112.5	118.8	104.4	124.4	128.4	151.7
QUINTRO	124.4	128.8	129.2	119.2	135.8	108.1	<b>REGION VI (EASTERN VISAYAS)</b>						SARANGANI	118.8	125.5	105.5	121.4	124.8	157.2	
BULACAN	101.8	81.0	101.4	111.3	95.0	81.7	NEGROS ORIENTAL	113.6	113.4	119.7	129.3	121.0	127.2	SULTAN KUDMAT	114.0	128.1	105.1	122.4	128.4	144.4
NUVA VEGAS	121.2	124.1	126.7	84.9	114.3	102.2	BORNEO	122.0	122.2	109.4	140.8	140.8	126.9	<b>REGION VII (CAGAYA)</b>						
QUINTRO	124.4	128.8	129.2	119.2	135.8	108.1	CEBU	117.8	128.7	119.8	141.8	146.6	127.2	AGUIGAN DEL NORTE	122.7	121.0	100.7	124.2	123.3	147.0
<b>NATIONAL CAPITAL REGION</b>																				
METRO MANILA	146.3	146.3	134.5	136.3	116.2	81.9	SOURON	121.5	124.1	125.7	127.0	121.6	126.9	AGUIGAN DEL SUR	121.7	118.5	103.4	124.8	121.8	141.1
<b>REGION III (CAGAYAN)</b>																				
BATANGAS	107.8	124.1	120.8	125.3	155.8	85.1	<b>REGION VIII (EASTERN VISAYAS)</b>						DAVAO DEL SUR	124.3	114.1	98.4	121.3	127.2	144.5	
CAVITE	209.8	149.3	120.3	125.9	127.8	71.9	BILIRAN	130.8	123.5	115.4	125.3	121.0	124.9	<b>REGION IX (ZAMBANGA DEL SUR)</b>						
LAGUNA	101.3	105.4	120.5	120.1	126.5	80.1	EASTERN SAMAR	126.2	126.4	115.2	121.8	129.6	124.5	BASLAN	114.4	121.8	121.2	105.2	128.7	141.3
ROSA	105.7	126.5	126.9	128.9	124.0	76.0	LEYTE	127.1	125.2	109.4	120.4	121.1	120.2	MAGUINDANAO	109.1	123.7	103.4	128.4	128.7	126.5
QUEZON	111.4	129.2	127.4	120.8	124.8	114.0	NORTHERN SAMAR	145.0	124.0	118.3	119.8	120.0	120.8	LANAO DEL SUR	112.7	129.2	123.0	126.3	120.0	147.0
<b>REGION IV (CENTRAL LUZON)</b>																				
BULACAN	101.8	81.0	101.4	111.3	95.0	81.7	SAMAR (WESTERN SAMAR)	128.9	127.8	115.1	126.7	126.7	123.8	SALU	112.7	125.0	126.7	149.8	125.4	151.2
NUVA VEGAS	121.2	124.1	126.7	84.9	114.3	102.2	SOUTHERN LEYTE	137.5	117.0	104.4	131.2	140.0	126.9	TAWI-TAWI	114.0	127.7	125.7	128.3	124.5	124.8
QUINTRO	124.4	128.8	129.2	119.2	135.8	108.1														

Next forecast update: October 20