




Republic of the Philippines
DEPARTMENT OF AGRICULTURE
REGIONAL FIELD OFFICE NO. 12
Brgy. Carpenter Hill, Koronadal City



Building Climate-Resilient Livelihoods and Agrifisheries Communities

REGIONAL SEASONAL CLIMATE OUTLOOK AND ADVISORY

July-December 2024

CLIMATE OUTLOOK SUMMARY	WEATHER SYSTEMS THAT MAY AFFECT THE REGION									
<p>>El Niño has ended; >ENSO-neutral conditions is now present over the tropical Pacific; >La Niña becomes the most likely category in Oct-Dec (OND) 2024 through Jan – Mar (JFM) 2025.</p> <p>EL NIÑO ADVISORY #12 – FINAL / LA NIÑA WATCH <small>Issued 04 June 2024</small></p> 	Month	Tropical Cyclones	Prov	Dry Days						<ul style="list-style-type: none"> - INTER-TROPICAL CONVERGENCE ZONE (ITCZ) - LOW PRESSURE AREAS (LPAs) - RIDGE OF HIGH PRESSURE AREAS (HPAs) - EASTERLIES - TROPICAL CYCLONES - SOUTHWEST MONSOON - SHEAR LINE - LOCALIZED THUNDERSTORM - FRONTAL SYSTEM - NORTHEAST MONSOON
Jul	2 or 3	SC	18	21	19	18	21	21		
Aug	2 or 3	COT	15	15	15	15	17	19		
Sep	2 or 3	SAR	20	23	21	20	22	22		
Oct	2 or 3	SK	17	18	17	16	19	20		
Nov	1 or 2									
Dec	1 or 2									

FORECAST RAINFALL ANALYSIS ¹																		
Prov	Jul			Aug			Sep			Oct			Nov			Dec		
	Normal (mm)	Forecast (mm)	% of Normal	Normal (mm)	Forecast (mm)	% of Normal	Normal (mm)	Forecast (mm)	% of Normal	Normal (mm)	Forecast (mm)	% of Normal	Normal (mm)	Forecast (mm)	% of Normal	Normal (mm)	Forecast (mm)	% of Normal
SC	325.4	158.8	112.5	244.8	140.8	105.0	146.7	132.0	99.2	91.1	201.4	119.0	75.3	165.9	115.1	64.6	149.4	117.3
COT	107.9	336.5	106.2	91.3	260.3	104.4	87.8	227.3	99.0	268.5	260.2	112.7	216.3	212.3	103.7	139.6	184.5	119.6
SAR	325.4	245.8	112.5	244.8	121.5	104.8	146.7	119.7	99.4	91.1	195.3	120.9	75.3	159.2	115.8	64.6	159.1	117.0
SK	107.9	338.2	103.1	91.3	183.3	104.6	87.8	173.5	99.8	268.5	245.5	114.2	216.3	207.9	110.2	139.6	164.2	116.2

¹All Climate Forecast/Information is based on EL NIÑO & CLIMATE OUTLOOK, issued by PAGASA. Source: <http://bagong.pagasa.dost.gov.ph/climate>

Legend: ■ Way below normal (<40%); ■ Below normal (41%-80%); ■ Normal (81%-120%); ■ Above Normal (>120%)

PRIORITY COMMODITY AND ITS STAGES

Item	Jul	Aug	Sep	Oct	Nov	Dec
Rice	Seedling/Vegetative/Reproductive/Maturity					
Corn	Seedling/Vegetative/Reproductive/Maturity					
HVC	Crop Establishment/Vegetative/Reproductive/Maturing					
Swine	Grower	Grower	Grower	Piglet	Piglet	Grower
Poultry	Chicks	Grower	Grower	Layer- Chicks	Grower	Grower
Cattle	Calves	Calves	Calves	Calves	Calves	Calves

PRIORITY COMMODITY AND ITS FARM OPERATIONS

Item	Jul	Aug	Sep	Oct	Nov	Dec
Rice	Plowing, Harrowing, Seed Preparation, Molluscicide Application, Weeding, Spraying, Fertilizer Application, Harvesting, Drying, Milling, Marketing, and Processing					
Corn	Plowing, Furrowing, Spraying Herbicide, Fertilizer Application (Basal), Planting, Spraying Herbicide, Irrigating, Fertilizer Application (side dress), pest and diseases management/Control, Harvesting, Threshing, Drying, Processing, Marketing					
HVC	Land Preparation, Planting, Fertilizer Application, Irrigating, Weeding, Pest Control and Management, Harvesting					
Swine	Adlibitum feeding	Administration of Iron, introduction of concentrate feeds	Weaning, Adlibitum feeding	Farrowing & Brooding	Administration of Iron, introduction of concentrate feeds	Adlibitum feeding
Poultry	Brooding	Feeding	Feeding	Laying, Processing Marketing	Brooding	Feeding
Cattle	Feeding of feed concentrate and forages	Sucking of milk for calves	Sucking of milk for calves	Introduction of Feed Concentrate	Introduction of Feed Concentrate	Introduction of Feed Concentrate

IMPACT OUTLOOKS

CLIMATE-RESILIENT AGRICULTURE PRACTICES

General Outlook: Recent conditions and model forecasts indicate that El Niño has ended and ENSO-neutral conditions is now present over the tropical Pacific; La Niña developing SON 2024 (50% chance), becomes the most likely category in Oct-Dec (OND) 2024 through Jan – Mar (JFM) 2025

Rice and Corn:

- * Light rains or zero rainfall is conducive for flowering stage.
- * Damaged newly planted rice due to submergence/drought
- * Lack of rainfall may result to delayed crop establishment in the upland and rainfed areas

High Value Crops:

- * Sunny weather is favorable for plant growth
- * Days with zero rainfall may cause stunted growth
- * High temperature during the summer months may lead to undeveloped fruits
- * Possible occurrence of pest and diseases.

Poultry and Livestock:

- * Zero rainfall enhances egg production & hatchability & liveability of hatched chicks
- * During dry months, the pigs can have free range and still less prone to respiratory diseases & parasites
- * Scarcity of feedstuffs during the dry months
- * Dry months may reduce availability of pasture grasses

Freshwater Fishery

- * Dry months may cause salt-water intrusion
- * Reduce fishing area due to water hyacinth intrusion

Brackish water Fishery

- * The sunny weather is favorable in land preparation especially in sand cracking.
- * High temperature can remove hydrogen sulfide in the soil which can cause soft shell of shrimps
- * Dry months pose high risk in fish diseases especially in fin fishes and shrimps
- * High temperature may cause high salinity

Rice and Corn:

- Adjusting of cropping calendar
- Avail crop insurance from PCIC prior to planting
- Soil nutrient analysis
- Plant stress-tolerant varieties (early maturing, drought, submergence and saline)
- Rice-corn alley planting in upland areas
- Alternate wetting and dryin
- Use of postharvest machineries (combine harvesters, mechanical dryers)
- Adapting Mushroom production and Rice-duck integration.
- Application of Mulching of rice straws

High Value Crops:

- Use tolerant variety and planting in the greenhouses/rainshelter
- Soil sterilization
- Apply fungicide
- Mulching
- Drip irrigation
- Use of recommended pesticides
- Bed raising
- Avail crop insurance from PCIC prior to planting
- Diversified farming
- Supplemental irrigation water thru overhead sprinkler or power sprayer
- Fruit bagging
- Ratooning after harvesting to save from inputs
- Indemnity claim from PCIC
- Processing of harvest (eg. Pickles and sweetened fruit)
- For small areas, use UVS plastic as overlay in drying

Poultry and Livestock:

- Supplement with drugs, vitamins, and minerals, and feeds
- Practice Corn-Livestock integration
- Cut and carry forages
- Deworming
- Rotational grazing
- Brood newly hatched chicks

Freshwater and Brakish Fishery

- Avail insurance from PCIC
- Indemnity claim from PCIC
- Use saline-tolerant species
- Planting of indigenous trees and bamboos along river systems and lakesides
- Implementation of fisheries laws and crafting of local ordinances relative to sizes of fishing gears

DEPARTMENT OF AGRICULTURE SUPPORT

- *Siguraduhing makapagenroll sa RSBSA
- *MagpaCSO Accredited sa DA RFO XII para sa inyung asosasyon
- *Libreng Soil Sampling Analysis
- *Pagbigay ng libreng binhi o punla at abono
- *Pagbahagi ng mga bagong teknolohiya sa pagsasaka
- *Climate Information Services



Heads up mga Ka-AMIA!

Check on the updated Regional Seasonal Climate Outlook and Advisory (RSCOA) for the provinces of Region XII - SOCCSKSARGEN (JULY - DECEMBER 2024)

Data weather forecast generated was gathered from Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA) weather advisory. (Sources: NOAA Global Ensemble Forecast System)