



TROPICAL CYCLONE BULLETIN NR. 20
Severe Tropical Storm OFEL (USAGI)

Issued at 11:00 AM, 15 November 2024

Valid for broadcast until the next bulletin at 5:00 PM today.

“OFEL” WEAKENS INTO A SEVERE TROPICAL STORM OVER LUZON STRAIT.

<p>Location of Center (10:00 AM)</p> <p>The center of Severe Tropical Storm OFEL was estimated based on all available data at 215 km Northwest of Calayan, Cagayan or 195 km West of Itbayat, Batanes (20.6°N, 120.0°E).</p> <p>Intensity</p> <p>Maximum sustained winds of 110 km/h near the center, gustiness of up to 135 km/h, and central pressure of 980 hPa</p> <p>Present Movement</p> <p>North northwestward at 20 km/h</p> <p>Extent of Tropical Cyclone Winds</p> <p>Strong to storm-force winds extend outwards up to 340 km from the center</p>	<p>Track and Intensity Forecast of Severe Tropical Storm OFEL (USAGI) 15 November 2024, 11AM Tropical Cyclone Bulletin #20</p>
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TRACK AND INTENSITY FORECAST						
Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 8:00 PM 15 November 2024	21.3	119.8	220 km West Northwest of Itbayat, Batanes (OUTSIDE PAR)	95	STS	NNW 10
24-Hour Forecast 8:00 AM 16 November 2024	22.1	120.1	230 km Northwest of Itbayat, Batanes	85	TS	NNW 10
36-Hour Forecast 8:00 PM 16 November 2024	22.6	120.6	240 km North Northwest of Itbayat, Batanes or in the vicinity of Pingtung County, Taiwan	75	TS	NNE Slowly
48-Hour Forecast 8:00 AM 17 November 2024	23.1	121.1	270 km North Northwest of Itbayat, Batanes or in the vicinity of Taitung County, Taiwan	65	TS	NE Slowly
60-Hour Forecast 8:00 PM 17 November 2024	23.4	121.5	295 km North of Itbayat, Batanes or in the vicinity of Taitung County, Taiwan	55	TD	NE Slowly
72-Hour Forecast 8:00 AM 18 November 2024	23.7	121.9	325 km North of Itbayat, Batanes	-	LOW	NE Slowly

Prepared by: *ACU*

Checked by: *CFP*

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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
2 Wind threat: Gale-force winds	Batanes	-	-
	Warning lead time: 24 hours Range of wind speeds: 62 to 88 km/h (Beaufort 8 to 9) Potential impacts of winds: Minor to moderate threat to life and property		
1 Wind threat: Strong winds	The northern portion of Cagayan (Pamplona, Claveria, Abulug, Sanchez-Mira, Santa Praxedes, Ballesteros), Babuyan Islands, the northern portion of Apayao (Luna, Santa Marcela, Calanasan) and the northern portion of Ilocos Norte (Pagudpud, Adams, Bangui, Dumalneg, Burgos, Pasuquin, Vintar, Bacarra, Piddig, Carasi)	-	-
	Warning lead time: 36 hours Range of wind speeds: 39 to 61 km/h (Beaufort 6 to 7) Potential impacts of winds: Minimal to minor threat to life and property		

OTHER HAZARDS AFFECTING LAND AREAS
<p><u>Heavy Rainfall Outlook</u></p> <p>Refer to Weather Advisory No. 37 issued at 11:00 AM today for the heavy rainfall outlook due to “OFEL” and “PEPITO”.</p> <p><u>Severe Winds</u></p> <p>The wind signals warn the public of the general wind threat over an area due to the tropical cyclone. Local winds may be slightly stronger/enhanced in coastal and upland/mountainous areas exposed to winds. Winds are less strong in areas sheltered from the prevailing wind direction.</p> <ul style="list-style-type: none"> • Minor to moderate impacts from gale-force winds are possible within any of the areas under Wind Signal No. 2. • Minimal to minor impacts from strong winds are possible within any of the areas under Wind Signal No. 1.

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HAZARDS AFFECTING COASTAL WATERS

A Gale Warning is hoisted over the northern seaboard of Northern Luzon. Refer to Gale Warning No. 7A issued at 11:00 AM today for more details.

24-Hour Sea Condition Outlook

Up to rough seas over the following coastal waters:

- **Up to 4.0 m:** The seaboard of Batanes
- **Up to 3.0 m:** The seaboard of Babuyan Islands
- **Mariners of small seacrafts, including all types of motorbancas, are advised not to venture out to sea under these conditions, especially if inexperienced or operating ill-equipped vessels.**

Up to moderate seas over the following coastal waters:

- **Up to 2.5 m:** The seaboards of Ilocos Norte and mainland Cagayan
- **Up to 2.0 m:** The remaining seaboards of Ilocos Region and Cagayan Valley
- **Mariners of motorbancas and similarly-sized vessels are advised to take precautionary measures while venturing out to sea and, if possible, avoid navigation under these conditions.**

TRACK AND INTENSITY OUTLOOK


- OFEL will continue to move north northwestward and may briefly exit the northwestern boundary of PAR this afternoon. Outside PAR, the tropical cyclone will then move generally northward until tomorrow (16 November) early morning over the sea west of Batanes. OFEL may then re-enter the PAR region as it turns generally northeastward towards southern Taiwan and will remain inside PAR until the rest of the forecast period.
- Despite exiting the PAR region, a **tropical cyclone wind signal may still be raised** over the areas of Extreme Northern Luzon. OFEL is forecast to further weaken throughout the forecast period due to the increasingly unfavorable environment from Luzon Strait up to the sea east of Taiwan, where OFEL may weaken into a remnant Low.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 PM today.

DOST-PAGASA

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