



TROPICAL CYCLONE BULLETIN NR. 10
Typhoon OFEL (USAGI)

Issued at 2:00 AM, 14 November 2024

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

TYPHOON "OFEL" CONTINUES TO MOVE WEST NORTHWESTWARD OVER THE SEA EAST OF ISABELA.

Location of Center (1:00 AM)

The center of the eye of Typhoon OFEL was estimated based on all available data including those from Baler and Daet Weather Surveillance Radars at **225 km East of Casiguran, Aurora or 265 km East of Echague, Isabela (16.6°N, 124.2°E).**

Intensity

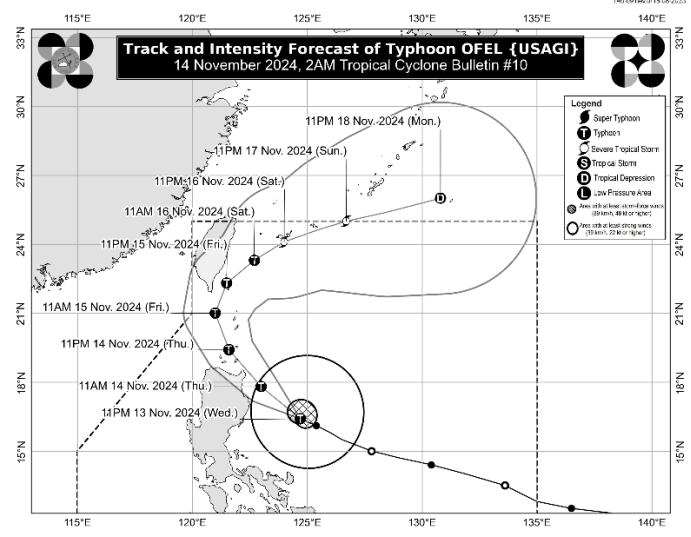
Maximum sustained winds of **150 km/h** near the center, gustiness of up to **185 km/h**, and central pressure of **960 hPa**

Present Movement

West northwestward at 25 km/h

Extent of Tropical Cyclone Winds

Strong to typhoon-force winds extend outwards up to **320 km** from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position		Location	Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)		MSW (km/h)	Cat.	
12-Hour Forecast 11:00 AM 14 November 2024	17.8	123.0	135 km East of Tuguegarao City, Cagayan	155	TY	NW 20
24-Hour Forecast 11:00 PM 14 November 2024	19.4	121.6	Over the coastal waters of Calayan, Cagayan	155	TY	NW 20
36-Hour Forecast 11:00 AM 15 November 2024	21.0	121.0	90 km West Northwest of Itbayat, Batanes	150	TY	NNW 15
48-Hour Forecast 11:00 PM 15 November 2024	22.3	121.5	170 km North Northwest of Itbayat, Batanes	140	TY	NNE 15
60-Hour Forecast 11:00 AM 16 November 2024	23.3	122.7	295 km North Northeast of Itbayat, Batanes	130	TY	NE 15
72-Hour Forecast 11:00 PM 16 November 2024	24.1	124.0	430 km North Northeast of Itbayat, Batanes	110	STS	NE 15
96-Hour Forecast 11:00 PM 17 November 2024	25.0	126.7	685 km Northeast of Itbayat, Batanes	95	STS	ENE 10
120-Hour Forecast 11:00 PM 18 November 2024	26.0	130.8	1,085 km Northeast of Extreme Northern Luzon (OUTSIDE PAR)	55	TD	ENE 20

Prepared by: *PCDM*

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 Checked by: *BJNE*

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
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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
3 Wind threat: Storm-force winds	The northeastern portion of mainland Cagayan (Santa Ana, Gonzaga) and the southeastern portion of Babuyan Islands (Camiguin Is.)	-	-
	Warning lead time: 18 hours Range of wind speeds: 89 to 117 km/h (Beaufort 10 to 11) Potential impacts of winds: Moderate to significant threat to life and property		
2 Wind threat: Gale-force winds	The southern portion of Batanes (Mahatao, Uyugan, Basco, Ivana, Sabtang), the rest of Babuyan Islands, the rest of mainland Cagayan, the northern and eastern portions of Isabela (Maconacon, Divilacan, Palanan, San Pablo, Cabagan, Santa Maria, Santo Tomas, Tumauni, Ilagan City), Apayao, and the northern portion of Ilocos Norte (Carasi, Vintar, Burgos, Adams, Pagudpud, Bangui, Dumalneg)	-	-
	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 rest of Batanes, the rest of Isabela, Quirino, the northern portion of Nueva Vizcaya (Kasibu, Ambaguio, Solano, Bayombong, Quezon, Bagabag, Diadi, Villaverde), Kalinga, Abra, Mountain Province, Ifugao, the rest of Ilocos Norte, the northern portion of Ilocos Sur (Sinait, Cabugao, San Juan, San Ildefonso, Magsingal, Santo Domingo, Bantay, San Vicente, City of Vigan, Caoayan, Santa Catalina, Santa, Nagbukel, Narvacan), and the northern portion of Aurora (Dilasag, Casiguran, Dinalungan, Dipaculao)	-	-
	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. 27 issued at 2:00 AM today for the heavy rainfall outlook due to “OFEL”.</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"> • Moderate to significant impacts from gale-force winds are possible within any of the areas under Wind Signal No. 3. • Minor to moderate impacts from strong 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. <p>The highest Wind Signal which may be hoisted during the occurrence of OFEL is Wind Signal No. 4, though the possibility of raising Wind Signal No. 5 is not ruled out.</p> <p><u>Coastal Inundation</u></p> <p>There is a moderate to high risk of life-threatening storm surge with peak heights reaching 1.0 to 3.0 m in the next 48 hours over the low-lying or exposed coastal localities of Batanes, Ilocos Norte, Ilocos Sur, Cagayan including Babuyan Islands, Isabela, and northern Aurora. Refer to Storm Surge Warning No. 7 issued at 2:00 AM today for the details.</p>

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HAZARDS AFFECTING COASTAL WATERS

A Gale Warning is hoisted over the northern and eastern seaboard of Northern Luzon and the eastern seaboard of Central Luzon. Refer to Gale Warning No. 2A issued at 11:00 PM yesterday for more details.

24-Hour Sea Condition Outlook

Up to very rough or high seas over the following coastal waters:

- **Up to 10.0 m:** The northeastern seaboard of mainland Cagayan; the seaboard of Babuyan Islands.
- **Up to 8.0 m:** The seaboard of Isabela; the remaining seaboard of mainland Cagayan.
- **Up to 4.5 m:** The seaboard of Batanes and northern Aurora; the northern seaboard of Ilocos Norte
- **Sea travel is risky for all types or tonnage of vessels. All mariners must remain in port or, if underway, seek shelter or safe harbor as soon as possible until winds and waves subside.**

Up to rough seas over the following coastal waters:

- **Up to 3.5 m:** The remaining seaboard of Aurora; the seaboard of northern Quezon; the northern and eastern seaboard of Polillo Islands
- **Up to 3.0 m:** The northern and eastern seaboard of Catanduanes; the seaboard of Camarines Norte; the northern seaboard of Camarines Sur.
- **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 eastern seaboard of Quezon including the rest of Polillo Islands; the eastern seaboard of Albay and Sorsogon
- **Up to 2.0 m:** The remaining seaboard of Ilocos Region; the remaining seaboard of Catanduanes; the eastern seaboard of Camarines Sur and Eastern Samar; the seaboard of Kalayaan Islands.
- **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 is forecast to move west northwestward to northwestward over the Philippine Sea before making landfall along the eastern coast of Cagayan or Isabela by this afternoon. It will then emerge over Babuyan Channel tonight while making another landfall or passing close to Babuyan Islands. OFEL will then turn north northwestward to north northeastward over the sea west of Batanes by tomorrow noon before turning northeastward to east northeastward from Saturday (16 November) over the sea east of Taiwan towards Ryukyu Islands throughout the rest of the forecast period. **Regardless of the position of the landfall point, it must be emphasized that hazards on land and coastal waters may still be experienced in areas outside the landfall point or forecast confidence cone.**
- It must also be emphasized that the track may still shift within the limit of the forecast confidence cone, especially the portion wherein OFEL will be moving northeastward.
- OFEL is forecast to further intensity within 24 hours and **possibly make landfall during its peak intensity. Given the tropical cyclone is now traversing over a more favorable environment, its probability of reaching super typhoon category is not ruled out.** A weakening trend may ensue once OFEL reaches Taiwan.

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 AM today.

DOST-PAGASA

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