



**TROPICAL CYCLONE BULLETIN NR. 4**  
**Severe Tropical Storm OFEL (USAGI)**

Issued at 11:00 PM, 12 November 2024

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

**“OFEL” FURTHER INTENSIFIES AS IT MOVES WEST NORTHWESTWARD OVER THE PHILIPPINE SEA.**

<b>Location of Center (10:00 PM)</b>	
The center of Severe Tropical Storm OFEL was estimated based on all available data at <b>630 km East of Virac, Catanduanes (14.5°N, 130.0°E)</b> .	
<b>Intensity</b>	
Maximum sustained winds of <b>110 km/h</b> near the center, gustiness of up to <b>135 km/h</b> , and central pressure of <b>980 hPa</b>	
<b>Present Movement</b>	
<b>West northwestward at 25 km/h</b>	
<b>Extent of Tropical Cyclone Winds</b>	
<b>Strong to storm-force winds</b> extend outwards up to <b>320 km</b> 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.	
<b>12-Hour Forecast</b> 8:00 AM 13 November 2024	15.2	127.9	670 km East of Infanta, Quezon	120	TY	WNW 25
<b>24-Hour Forecast</b> 8:00 PM 13 November 2024	16.2	125.4	350 km East of Casiguran, Aurora	130	TY	WNW 25
<b>36-Hour Forecast</b> 8:00 AM 14 November 2024	17.2	123.3	170 km East Southeast of Tuguegarao City, Cagayan	140	TY	WNW 20
<b>48-Hour Forecast</b> 8:00 PM 14 November 2024	18.7	121.5	Over the coastal waters of Calayan, Cagayan	120	TY	NW 20
<b>60-Hour Forecast</b> 8:00 AM 15 November 2024	20.0	120.3	145 km Northwest of Calayan, Cagayan	110	STS	NW 15
<b>72-Hour Forecast</b> 8:00 PM 15 November 2024	21.0	120.0	195 km West of Itbayat, Batanes	110	STS	NNW 10
<b>96-Hour Forecast</b> 8:00 PM 16 November 2024	21.4	120.6	145 km West Northwest of Itbayat, Batanes	100	STS	NE Slowly
<b>120-Hour Forecast</b> 8:00 PM 17 November 2024	21.0	119.0	295 km West of Itbayat, Batanes (OUTSIDE PAR)	95	STS	WSW Slowly

Prepared by: PCDM

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
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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
<b>1</b> Wind threat: <b>Strong winds</b>	<b>Cagayan including Babuyan Islands, the northeastern portion of Isabela (Maconacon, San Pablo, Cabagan, Santa Maria, Divilacan, Palanan), and the eastern portion of Apayao (Flora, Santa Marcela, Luna, Pudtol)</b>	-	-
	Warning lead time: <b>36 hours</b> Range of wind speeds: <b>39 to 61 km/h (Beaufort 6 to 7)</b> Potential impacts of winds: <b>Minimal to minor threat to life and property</b>		

OTHER HAZARDS AFFECTING LAND AREAS
<p><b><u>Heavy Rainfall Outlook</u></b></p> <p>Refer to Weather Advisory No. 21 issued at 11:00 PM today for the heavy rainfall outlook due to Tropical Cyclone "OFEL"</p> <p><b><u>Severe Winds</u></b></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"> <li>• <b>Minimal to minor impacts</b> from strong winds are possible within any of the areas under Wind Signal No. 1.</li> </ul> <p>The highest Wind Signal which may be hoisted during the occurrence of OFEL is <b>Wind Signal No. 4</b>.</p> <p>Furthermore, the wind flow coming towards the circulation of Tropical Storm OFEL will also bring <b>strong to gale-force gusts</b> over the following areas (especially in coastal and upland areas exposed to winds):</p> <ul style="list-style-type: none"> <li>• <b>Tomorrow (13 November):</b> Camarines Norte, Camarines Sur, and Catanduanes</li> <li>• <b>Thursday (14 November):</b> Camarines Norte and the eastern portion of Quezon including Polillo Islands</li> <li>• <b>Friday (15 November):</b> The eastern portion of Isabela</li> </ul> <p><b><u>Coastal Inundation</u></b></p> <p>There is a <b>minimal to moderate risk of storm surge with peak surge heights of 1.0 to 2.0 m</b> in the next 48 hours over the low-lying or exposed coastal localities of Ilocos Norte, Cagayan including Babuyan Islands, Isabela, and northern Aurora. <b>Refer to Storm Surge Warning No. 2 issued at 8:00 PM today for the details.</b></p>

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**HAZARDS AFFECTING COASTAL WATERS**

**24-Hour Sea Condition Outlook**

**Up to rough seas over the following coastal waters:**

- **Up to 3.0 m:** The northern and eastern seaboard of Catanduanes.
- **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 mainland Cagayan, Isabela, Aurora, Quezon, Albay, and Sorsogon; The seaboard of Camarines Norte; the northern seaboard of Camarines Sur; the remaining seaboard of Catanduanes; the northern and eastern seaboard of Northern Samar
- **Up to 2.0 m:** The remaining seaboard of Cagayan Valley; the seaboard of Ilocos Norte and Kalayaan Islands; the eastern seaboard of Eastern Samar
- **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 over the Philippine Sea before making landfall along the east coast of Cagayan or Isabela on Thursday (14 November) afternoon or evening. It will then emerge over the Luzon Strait, turn more northwestward on Friday (15 November) while slowing down before behaving erratically during the weekend. **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 on the 4<sup>th</sup> and 5<sup>th</sup> day of the forecast track.** In particular, two scenarios are emerging: a west northwestward track with a land crossing that is further south of the present scenario and a recurving track to the right of the present forecast which will bring OFEL mainly offshore of Northern Luzon. Given these, **further changes in the track forecast is expected.**
- This tropical cyclone is forecast to steadily intensify in the next three days and reach typhoon category tomorrow (November 13). **OFEL will possibly make landfall at peak intensity.**

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 tomorrow.

**DOST-PAGASA**

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