



**TROPICAL CYCLONE BULLETIN NR. 16**  
**Typhoon OFEL (USAGI)**

Issued at 8:00 PM, 14 November 2024

Valid for broadcast until the next bulletin at 11:00 PM today.

**“OFEL” CONTINUES TO WEAKEN AND SLIGHTLY DECELERATES TOWARDS BABUYAN ISLANDS**

<p><b>Location of Center (7:00 PM)</b></p> <p>The center of Typhoon OFEL was estimated based on all available data over the coastal waters of Gonzaga, Cagayan (18.3°N, 121.9°E).</p> <p><b>Intensity</b></p> <p>Maximum sustained winds of <b>155 km/h</b> near the center, gustiness of up to <b>255 km/h</b>, and central pressure of <b>955 hPa</b></p> <p><b>Present Movement</b></p> <p><b>North northwestward at 15 km/h</b></p> <p><b>Extent of Tropical Cyclone Winds</b></p> <p><b>Strong to typhoon-force winds</b> extend outwards up to <b>360 km</b> from the center</p>	<p><b>Track and Intensity Forecast of Typhoon OFEL (USAGI)</b>          14 November 2024, 8PM Tropical Cyclone Bulletin #16</p> <p>5PM 18 Nov. 2024 (Mon.)          5PM 17 Nov. 2024 (Sun.)          5AM 17 Nov. 2024 (Sun.)          5PM 16 Nov. 2024 (Sat.)          5AM 16 Nov. 2024 (Sat.)          5PM 15 Nov. 2024 (Fri.)          5AM 15 Nov. 2024 (Fri.)          5PM 14 Nov. 2024 (Thu.)</p> <p>Legend:          Super Typhoon          Typhoon          Severe Tropical Storm          Tropical Storm          Tropical Depression          Low Pressure Area          10-m wind speed (km/h)          10-m wind speed (mph)</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.	
<b>12-Hour Forecast</b> 5:00 AM 15 November 2024	19.7	120.5	115 km West Northwest of Calayan, Cagayan	140	TY	NW 20
<b>24-Hour Forecast</b> 5:00 PM 15 November 2024	21.0	120.0	195 km West of Itbayat, Batanes	120	TY	NNW 15
<b>36-Hour Forecast</b> 5:00 AM 16 November 2024	21.9	120.1	220 km Northwest of Itbayat, Batanes	95	STS	N 10
<b>48-Hour Forecast</b> 5:00 PM 16 November 2024	22.4	120.3	240 km Northwest of Itbayat, Batanes	85	TS	NNE Slowly
<b>60-Hour Forecast</b> 5:00 AM 17 November 2024	23.0	120.6	In the vicinity of Kaohsiung City, Taiwan	75	TS	NNE Slowly
<b>72-Hour Forecast</b> 5:00 PM 17 November 2024	23.5	121.0	In the vicinity of Nantou County, Taiwan	55	TD	NE Slowly
<b>96-Hour Forecast</b> 5:00 PM 18 November 2024	24.5	122.3	415 km North of Itbayat, Batanes	-	LOW	NE Slowly

Prepared by: *ACJ*

Checked by: *SFD*

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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
<b>4</b> Wind threat: <b>Typhoon-force winds</b>	<b>Babuyan Islands and the northern and eastern portions of mainland Cagayan</b> (anta Teresita, Ballesteros, Aparri, Camalaniugan, Buguey, Lal-Lo, Allacapan, Gattaran, Baggao, Gonzaga, Santa Ana, Abulug, Pamplona, Sanchez-Mira, Claveria, Santa Praxedes)	-	-
	Warning lead time: <b>12 hours</b> Range of wind speeds: <b>118 to 184 km/h (Beaufort 12)</b> Potential impacts of winds: <b>Significant to severe threat to life and property</b>		
<b>3</b> Wind threat: <b>Storm-force winds</b>	<b>Batanes, the rest of Cagayan, the northern portion of Isabela</b> (San Pablo, Cabagan, Santa Maria, Santo Tomas, Maconacon), <b>the northern portion of Apayao</b> (Flora, Santa Marcela, Luna, Pudtol, Calanasan, Kabugao), <b>and the northern portion of Ilocos Norte</b> (Pagudpud, Adams, Dumalneg)	-	-
	Warning lead time: <b>18 hours</b> Range of wind speeds: <b>89 to 117 km/h (Beaufort 10 to 11)</b> Potential impacts of winds: <b>Moderate to significant threat to life and property</b>		
<b>2</b> Wind threat: <b>Gale-force winds</b>	<b>The western and eastern portions of Isabela</b> (Quezon, Quirino, Malling, San Manuel, Aurora, Cabatuan, City of Cauayan, Benito Soliven, Naguilian, Gamu, Burgos, Reina Mercedes, Luna, Roxas, San Mariano, Palanan, Ilagan City, Divilacan, Dinapigue, Delfin Albano, Tumauin), <b>the rest of Apayao, Kalinga, the northeastern portion of Abra</b> (Tineg, Lacub, Malibcong, Lagayan, San Juan, Lagangilang, Licuan-Baay, Daguioman), <b>the eastern portion of Mountain Province</b> (Paracelis), <b>and the rest of Ilocos Norte.</b>	-	-
	Warning lead time: <b>24 hours</b> Range of wind speeds: <b>62 to 88 km/h (Beaufort 8 to 9)</b> Potential impacts of winds: <b>Minor to moderate threat to life and property</b>		
<b>1</b> Wind threat: <b>Strong winds</b>	<b>The rest of Isabela, the northern portion of Quirino</b> (Cabarroguis, Diffun, Saguday, Maddela, Aglipay), <b>the northern portion of Nueva Vizcaya</b> (Solano, Bagabag, Diadi, Villaverde), <b>the rest of Mountain Province, Ifugao, the rest of Abra, the northern portion of Benguet</b> (Mankayan, Bakun, Buguias), <b>Ilocos Sur, the northern portion of La Union</b> (Sudipen, Bangar), <b>and the northern portion of Aurora</b> (Casiguran, Dinalungan, Dilasag).	-	-
	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>		

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Checked by:  **SFD**

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### OTHER HAZARDS AFFECTING LAND AREAS

#### Heavy Rainfall Outlook

Refer to Weather Advisory No. 33 issued at 8:00 PM today for the heavy rainfall outlook due to "OFEL" and {MAN-YI}.

#### Severe Winds

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.

- **Significant to severe impacts** from typhoon-force winds are possible within any of the areas under Wind Signal No. 4.
- **Moderate to significant impacts** from storm-force winds are possible within any of the areas under Wind Signal No 3.
- **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.

#### Coastal Inundation

There is a **high risk of life-threatening storm surge with peak heights exceeding 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. 10 issued at 8:00 PM today for the details.

### 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. 4 issued at 5:00 PM today 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 seaboard of Cagayan including Babuyan Islands
- **Up to 7.0 m:** The seaboard of Batanes and 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 4.0 m:** The seaboard of Isabela and the northern seaboard of Aurora
- **Up to 3.0 m:** The remaining seaboard of Aurora and Ilocos Norte, the seaboard of northern mainland Quezon, the northern and eastern seaboard of Polillo 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 seaboard of Camarines Norte and Ilocos Sur, the northern seaboard of Camarines Sur; the northern and eastern seaboard of Catanduanes
- **Up to 2.0 m:** The eastern seaboard of mainland Quezon, Camarines Sur, Albay, Sorsogon, and Eastern Samar; the remaining seaboard of Catanduanes; the northern and eastern seaboard of Northern 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.**



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**TRACK AND INTENSITY OUTLOOK**

- OFEL will continue moving northwestward and pass close or make landfall in the vicinity of Babuyan Islands tonight before turning northward tomorrow (15 November) over the sea west of Batanes, then northeastward towards Taiwan during the weekend. **Note that hazards on land and coastal waters may still be experienced in areas outside the landfall point and the forecast confidence cone.** Furthermore, the track may still shift within the limit of the forecast confidence cone.
- OFEL is forecast to continue to weaken throughout the forecast period due to frictional effects of land, as well as the increasingly unfavorable environment over the Luzon Strait and the sea east of 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 8:00 PM today.

**DOST-PAGASA**

Prepared by:  **ACJ**

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