



## SEVERE WEATHER BULLETIN #10

### FOR: TYPHOON "BISING" (SURIGAE) TROPICAL CYCLONE: WARNING

ISSUED AT 11:00 PM, 18 April 2021

(Valid for broadcast until the next bulletin to be issued at 5 AM tomorrow)

**TYPHOON "BISING" SLIGHTLY WEAKENS AND IS NOW MOVING SLOWLY OVER THE PHILIPPINE SEA EAST OF CATANDUANES.**

#### Hazards affecting land areas

##### **Heavy Rainfall**

- Tonight through tomorrow (19 April), moderate to heavy with at times intense rains will be experienced over Bicol Region, Northern Samar, Samar, Eastern Samar, Biliran, and Leyte.
- On Tuesday (20 April), moderate to heavy rains will be experienced over Bicol Region and Northern Samar.
- Under these conditions and considering antecedent rainfall over the aforementioned areas, flooding (including flashfloods) and rain-induced landslides are increasingly likely to occur especially in areas identified in hazard maps as highly or very highly susceptible to these hazards.
- PAGASA Regional Services Divisions may issue local thunderstorm/rainfall advisories and heavy rainfall warnings while the Hydrometeorology Division and River Basin Flood Forecasting and Warning Centers may issue General Flood Advisories and Basin Flood Bulletins as appropriate.

##### **Severe Winds:**

- Tropical cyclone winds of at least strong breeze to near gale in strength extend outward up to 440 km from the center of the typhoon. Destructive typhoon-force winds extend outward up to 110 km from the center of the typhoon.
- The northeasterly wind flow enhanced by the typhoon will also bring strong breeze to near gale conditions with higher gusts over most of Northern Luzon, Aurora, Quezon including Polillo Islands, and the rest of Bicol Region that are not under any Tropical Cyclone Wind Signal (TCWS). Such conditions are more likely to occur in the coastal and mountainous areas.

#### Hazards affecting coastal waters

In the next 24 hours, under the influence of Typhoon "BISING" and an enhanced northeasterly wind flow, the following sea conditions will be experienced over the coastal waters of the country:

- Very rough to very high seas will be experienced over the eastern seaboard of Luzon (5.0 to 12.0 m) and rough to very high seas over the northern and eastern seaboard of Eastern Visayas (2.5 to 7.0 m). Sea travel is risky for all types of seacrafts over these waters.
- Rough to very rough seas over the northern and western seaboard of Northern Luzon (2.5 to 5.0 m) and the eastern seaboard of Caraga (2.5 to 4.5 m) and rough seas over the remaining seaboard of localities where wind signals are in effect and the eastern seaboard of Davao Oriental (2.5 to 4.0 m). Sea travel is risky for small seacrafts over these waters. Mariners without the proper experience should immediately seek safe harbor.
- Moderate to rough seas over the western seaboard of Central Luzon (1.2 to 3.0 m). Mariners of small seacrafts are advised not to venture out over these waters. Inexperienced mariners of these vessels should avoid navigating in these conditions.

#### Track and Intensity Outlook

- Typhoon "BISING" will continue moving slowly in the next 6 to 12 hours as it begins to turn generally northward over the Philippine Sea east of Catanduanes. Afterwards, the typhoon will continue moving northward while gradually accelerating until Wednesday evening before turning northeastward and east northeastward away from the landmass of Luzon.
- The recent weakening of "BISING" after reaching its peak intensity was caused by a recently completed eyewall replacement cycle. The typhoon is forecast to maintain its current intensity in the next 24 to 48 hours before gradually weakening throughout the remainder of the forecast period.

Prepared by:

  
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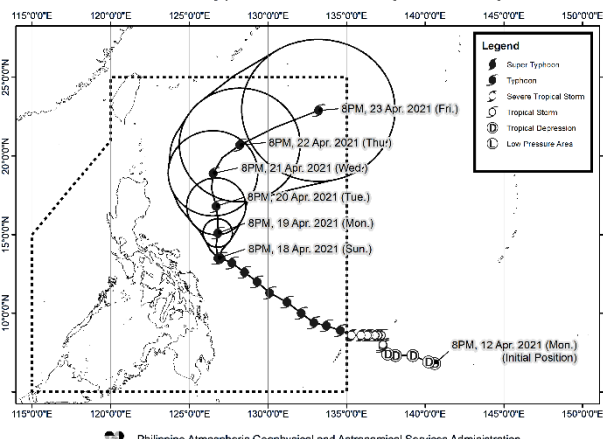
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<b>Location of eye/center</b>	At <b>10:00 PM</b> today, the center of the eye of <b>Typhoon "BISING"</b> was located based on all available data including those from Guiuan Doppler Weather Radar at <b>270 km East of Virac, Catanduanes (13.7°N, 126.7°E)</b> .	<p>Track of Typhoon "BISING" {SURIGAE}</p>  <p>Philippine Atmospheric Geophysical and Astronomical Services Administration</p>
<b>Strength</b>	Maximum sustained winds of <b>195 km/h</b> near the center and gustiness of up to <b>240 km/h</b> .	
<b>Movement</b>	Moving <b>West Northwestward Slowly</b>	
<b>Forecast Positions</b>	<ul style="list-style-type: none"><li>• <b>24 Hour</b> (Tomorrow evening): <b>325 km East Northeast of Virac, Catanduanes</b> or <b>555 km East of Infanta, Quezon (15.1°N, 126.8°E)</b></li><li>• <b>48 Hour</b> (Tuesday evening): <b>535 km East of Tuguegarao City, Cagayan (16.8°N, 126.7°E)</b></li><li>• <b>72 Hour</b> (Wednesday evening): <b>530 km East of Calayan, Cagayan (18.9°N, 126.5°E)</b></li><li>• <b>96 Hour</b> (Thursday evening): <b>650 km East of Basco, Batanes (20.7°N, 128.2°E)</b></li><li>• <b>120 Hour</b> (Friday evening): <b>1,195 km East Northeast of Extreme Northern Luzon (22.9°N, 133.2°E)</b></li></ul>	

#### TROPICAL CYCLONE WIND SIGNAL

TCWS	Luzon	Visayas	Mindanao	Impacts of the wind
<b>2</b> (61-120 km/h winds prevailing or expected in 24 hours)	<b>Catanduanes, the eastern portion of Camarines Sur</b> (Garchitorena, Presentacion, Caramoan, Sagnay, San Jose, Lagonoy), the <b>eastern portion of Albay</b> (Tiwi, Malinao, Tabaco City, Malilipot, Santo Domingo, Bacacay, Rapu-Rapu, Legazpi City, Manito), and the <b>eastern and central portions of Sorsogon</b> (Castilla, Sorsogon City, Prieto Diaz, Gubat, Barcelona, Casiguran, Juban, Magallanes, Bulan, Bulusan, Irosin, Santa Magdalena, Matnog)	<b>Northern Samar, Samar, Eastern Samar, and Biliran</b>	-	<ul style="list-style-type: none"><li>• Light to Moderate damage to high risk structures;</li><li>• Very light to light damage to medium-risk structures;</li><li>• No damage to very light damage to low risk structures</li><li>• Unshielded, old dilapidated schoolhouses, makeshift shanties, and other structures of light materials are partially damaged or unroofed.</li><li>• A number of nipa and cogon houses may be partially or totally unroofed.</li><li>• Some old galvanized iron (G.I.) roofs may be peeled or blown off.</li><li>• Some wooden, old electric posts are tilted or downed.</li><li>• Some damage to poorly constructed signs/billboards</li><li>• In general, the winds may bring light to moderate damage to the exposed communities. Most banana plants, a few mango trees, ipil-ipil and similar types of trees are downed or broken.</li><li>• Some coconut trees may be tilted with few others broken.</li><li>• Rice and corn may be adversely affected.</li><li>• Considerable damage to shrubbery and trees with some heavy-foliaged trees blown down.</li></ul>

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TCWS	Luzon	Visayas	Mindanao	Impacts of the wind
<b>1</b> (30-60 km/h winds prevailing or expected in 36 hours)	<b>The eastern portion of Camarines Norte</b> (San Lorenzo Ruiz, San Vicente, Vinzons, Talisay, Daet, Mercedes, Basud), <b>the rest of Camarines Sur, the rest of Albay, the rest of Sorsogon, and Masbate including Burias and Ticao Islands</b>	<b>Leyte, Southern Leyte, and the northern portion of Cebu</b> (Tabogon, Borbon, San Remigio, Bogu City, Medellin, Daanbantayan) <b>including Bantayan and Camotes Islands</b>	<b>Dinagat Islands, Siargao Islands, and Bucas Grande Islands</b>	<ul style="list-style-type: none"><li>• Very light or no damage to low risk structures,</li><li>• Light damage to medium to high risk structures</li><li>• Slight damage to some houses of very light materials or makeshift structures in exposed communities. Some banana plants are tilted, a few downed and leaves are generally damaged</li><li>• Twigs of small trees may be broken.</li><li>• Rice crops, however, may suffer significant damage when it is in its flowering stage.</li></ul>
<b>The public and the disaster risk reduction and management council concerned are advised to take appropriate actions and watch for the next Severe Weather Bulletin to be issued at 5 AM tomorrow.</b>				

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