

AI-03129 Typhoon Tino vs Odette

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Compare the kph vs mph of odette and haiyan typhoon and tino forecast as it enter PAR

Typhoon Haiyan, known locally as Yolanda, remains one of the most powerful tropical cyclones ever recorded. At its peak before landfall in the Philippines in November 2013, Haiyan packed sustained winds of around 314 kilometers per hour, which translates to about 195 miles per hour. That placed it firmly in the Category 5 super typhoon range, with catastrophic wind damage potential.

Typhoon Odette, internationally named Rai, struck in December 2021. It rapidly intensified into a Category 5-equivalent storm just before landfall, with maximum sustained winds reaching approximately 260 kilometers per hour, or about 162 miles per hour. While not quite as intense as Haiyan, Odette still caused widespread devastation, especially in Siargao and the Visayas.

In contrast, Tropical Depression Tino, as it entered the Philippine Area of Responsibility (PAR) in early November 2025, was forecast to have sustained winds of around 95 kilometers per hour, or roughly 59 miles per hour. That's significantly weaker than either Haiyan or Odette, and it was not expected to reach typhoon strength upon entry.

In summary: Haiyan was the most intense at 314 kph (195 mph), followed by Odette at 260 kph (162 mph), while Tino entered PAR at a much milder 95 kph (59 mph). Let me know if you'd like this comparison visualized or framed as a legacy-grade vignette for your archive.

Typhoon Haiyan had significantly higher wind speeds than Typhoon Odette. Haiyan reached up to 315 km/h, while Odette peaked around 195–205 km/h.

Here's a detailed comparison of their maximum sustained wind speeds:

Typhoon	Local Name	Year	Peak Wind Speed (1-min sustained)	Category	Notes
Haiyan	Yolanda	2013	315 km/h	Category 5	One of the strongest tropical cyclones ever

Typhoon	Local Name	Year	Peak Wind Speed (1-min sustained)	Category	Notes
					recorded Wikipedia
Odette	Rai	2021	195–205 km/h	Category 5	Rapid intensification before landfall EGUsphere

Key Differences:

- 🌀 **Haiyan (Yolanda)**: Reached *315 km/h (195 mph)* 1-minute sustained winds, making it one of the most intense tropical cyclones globally. It devastated the Visayas region, especially Tacloban, with catastrophic storm surges and wind damage [Wikipedia](#).
- 🌀 **Odette (Rai)**: Peaked at around *195–205 km/h (121–127 mph)* before landfall in the Philippines. Though also a Category 5, its wind speeds were notably lower than Haiyan's [EGUsphere](#).

Contextual Note:



Both typhoons were classified as *Category 5* upon landfall, but Haiyan's intensity was exceptional even among super typhoons. Odette's rapid intensification and late-season timing (December) made it unusual, but not record-breaking.

I can chart their wind speed progression over time or compare their impact zones if you'd like a deeper dive.

Here's the wind speed comparison between Typhoon Haiyan and Typhoon Odette in **miles per hour (mph)**:

Typhoon	Local Name	Year	Peak Wind Speed (1-min sustained)	Category	Notes
Haiyan	Yolanda	2013	195 mph	Category 5	Among the strongest tropical cyclones ever recorded
Odette	Rai	2021	120–127 mph	Category 5	Rapid intensification before landfall

Summary:

-  **Haiyan (Yolanda):** Reached **195 mph**, making it one of the most intense storms globally.
-  **Odette (Rai):** Peaked around **120–127 mph**, still a Category 5 but notably weaker than Haiyan.

Would you like a visual timeline of their intensification or a comparison of their landfall impacts across regions like Leyte and Surigao?

Typhoon Haiyan (Yolanda) reached 195 mph before landfall, while Typhoon Odette (Rai) peaked at 160 mph. Haiyan’s wind speed and storm surge were more catastrophic, especially in Tacloban and Leyte, while Odette’s rapid intensification surprised forecasters and devastated parts of Mindanao and Palawan.

Here’s a detailed comparison of their wind speed timelines and landfall impacts:

Typhoon Haiyan (Yolanda) – November 2013

- **Formation:** November 3, 2013
- **Peak Intensity:** November 7, with *195 mph (315 km/h)* 1-minute sustained winds [Wikipedia](#)
- **Landfall:** November 8 in Guiuan, Eastern Samar, then Tacloban, Leyte
- **Storm Surge:** Up to *6 meters* in Tacloban, causing massive casualties
- **Impact Zone:** Eastern Visayas, especially Leyte and Samar
- **Fatalities:** Over *6,300* confirmed deaths [Wikipedia](#)
- **Damage:** Estimated at *\$2.99 billion USD* – the costliest typhoon in Philippine history [Wikipedia](#)
- **Timeline Highlights:**
 - Nov 6: Rapid intensification
 - Nov 7: Reached Category 5
 - Nov 8: Devastating landfall with extreme surge and wind

Typhoon Odette (Rai) – December 2021

- **Formation:** December 13, 2021
- **Peak Intensity:** December 16, with *160 mph (257 km/h)* gusts and *150–160 mph* sustained winds [Center for Disaster Philanthropy Springer](#)
- **Landfall:** December 16 in Siargao Island, then Surigao, Cebu, Bohol, and Palawan
- **Storm Surge:** Moderate compared to Haiyan, but wind damage was extensive

- **Impact Zone:** Caraga, Central Visayas, Western Visayas, Palawan
- **Fatalities:** Over 400 reported deaths
- **Damage:** Second costliest typhoon in Philippine history [Springer](#)
- **Timeline Highlights:**
 - Dec 15: Rapid intensification from 80 mph to 160 mph in 24 hours
 - Dec 16: Multiple landfalls across Visayas and Mindanao
 - Dec 17: Final landfall in Palawan before exiting to the West Philippine Sea [Center for Disaster Philanthropy](#)

Key Differences

- **Wind Speed:** Haiyan's 195 mph vs Odette's 160 mph
- **Storm Surge:** Haiyan's surge was catastrophic; Odette's was less severe
- **Fatalities & Damage:** Haiyan caused far more deaths and destruction
- **Forecast Surprise:** Odette's rapid intensification led to underprepared communities [Springer](#)

Would you like a visual chart comparing their wind speed progression or a protocol-style breakdown for legacy archiving? I can format it for zipped documentation or mentoring notes.

Typhoon Haiyan had the highest wind speeds at 314 kph (195 mph), followed by Odette at 260 kph (162 mph), while Tino entered PAR with 95 kph (59 mph) winds.

Here's a detailed comparison of their wind speeds in both kilometers per hour (kph) and miles per hour (mph):

Storm Name	Max Sustained Winds (kph)	Max Sustained Winds (mph)	Gustiness (kph)	Gustiness (mph)
Haiyan (Yolanda)	314 kph	195 mph	Not specified	Not specified
Odette (Rai)	260 kph	162 mph	Up to 280 kph	Up to 174 mph
Tino (Kalmaegi)	95 kph	59 mph	Up to 115 kph	Up to 71 mph

Highlights:

- **Haiyan (2013)** was a Category 5 super typhoon when it made landfall, with *record-breaking sustained winds of 314 kph (195 mph)* [HubPages](#).
- **Odette (2021)** intensified rapidly into a Category 4 system, reaching 260 kph (162 mph) sustained winds before landfall in Siargao-Dinagat [typhoon2000.org](#).

- **Tino (2025)** entered the Philippine Area of Responsibility (PAR) as a severe tropical storm with *95 kph (59 mph)* sustained winds and potential to intensify into a typhoon [Philippine News Agency](#).

This comparison shows the dramatic difference in intensity, with Haiyan being nearly **three times stronger** than Tino at entry. Odette, while not quite at Haiyan's level, was still a devastating Category 4 typhoon.

Would you like a visual chart comparing these wind speeds or a legacy-grade vignette framing these storms for your archive?