

Current Details from the Joint Typhoon Warning Center

COORDINATES: 15.1° north, 109.1° east

LOCATION: 200 kilometers (125 miles) southeast of Da Nang, Vietnam

MOVEMENT: west-northwest at 30 kph (18 mph)

WINDS: 165 kph (105 mph) with gusts to 205 kph (125 mph)

RADIUS OF TROPICAL STORM-FORCE WINDS: 240 kilometers (150 miles)

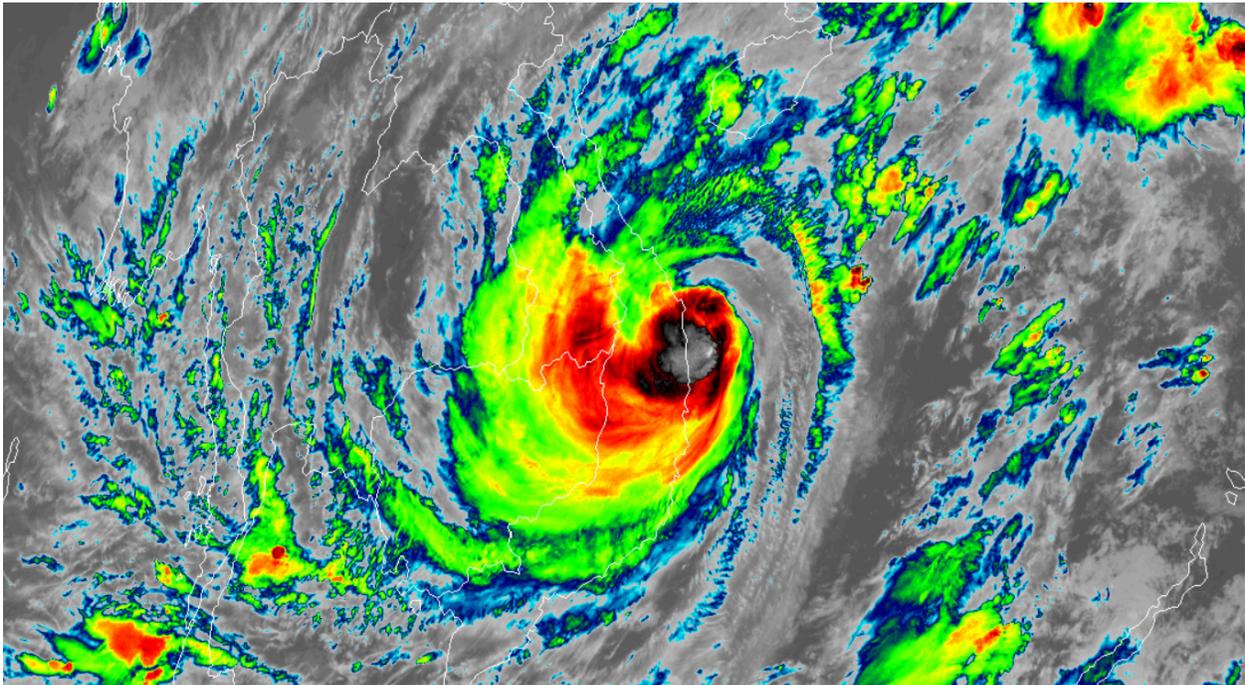
RADIUS OF HURRICANE-FORCE WINDS: 75 kilometers (45 miles)

SAFFIR-SIMPSON SCALE RANKING*: Category 2

FORECAST LANDFALL LOCATION: central Vietnam (Quảng Ngãi province)

FORECAST LANDFALL TIMEFRAME: Wednesday morning local time

Latest Satellite Picture



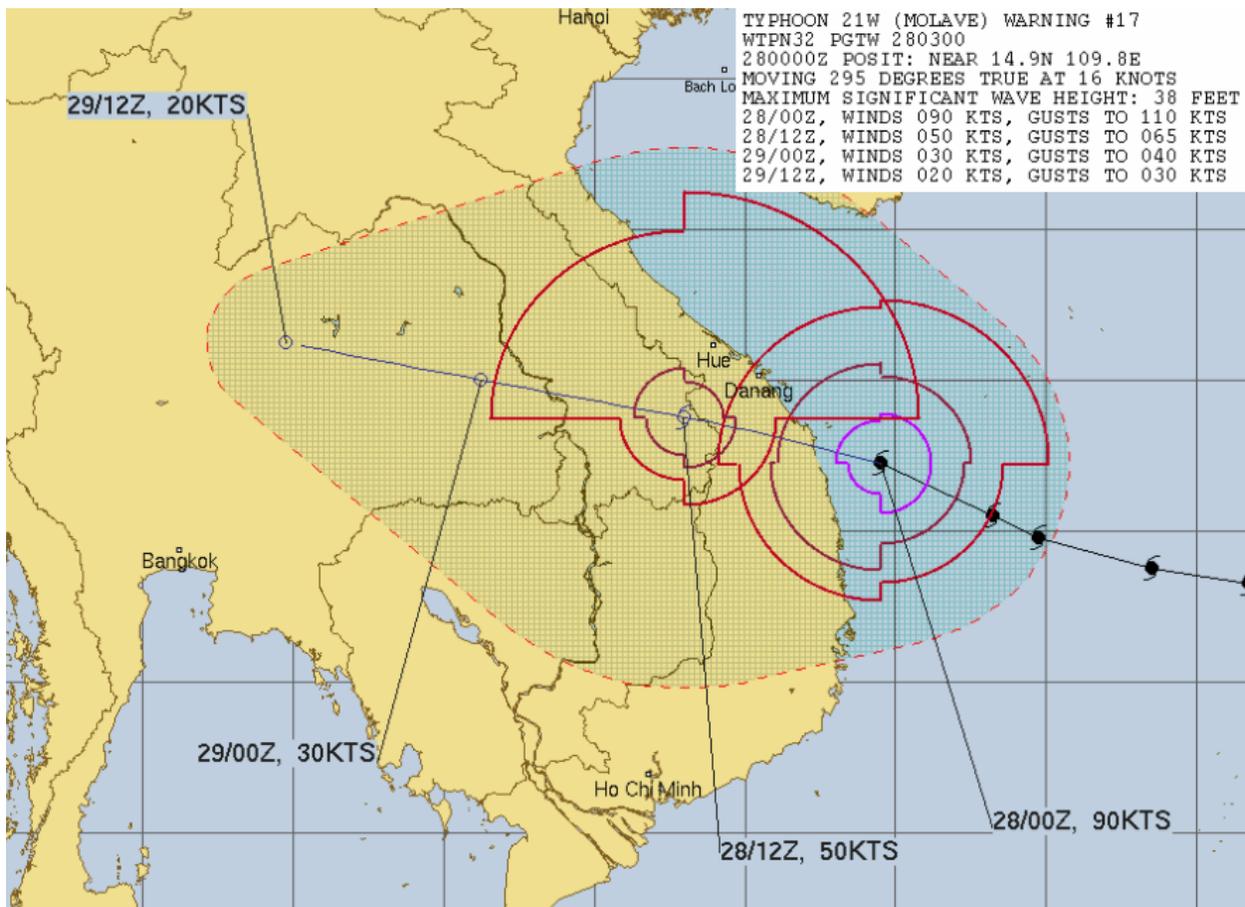
Source: NOAA / NASA / Colorado State University (RAAMB)

Discussion

Typhoon Molave, located approximately 200 kilometers (125 miles) southeast of Da Nang, Vietnam, is currently tracking west-northwest at 30 kph (18 mph). Satellite imagery continues to show deep convective bands wrapping into an obscured low-level circulation schedule. The storm is currently just offshore central Vietnam, and numerous heavy rain bands have already been affecting Vietnam and parts of Cambodia. The JTWC has set an initial intensity at 165 kph (105 mph) – a high-end Category 2 hurricane equivalent on the Saffir-Simpson Hurricane Wind Scale; 1-minute sustained average. This is based on the latest Dvorak satellite intensity estimates. Some minor weakening has occurred in recent hours as the storm starts to interact with land. Molave is still tracking along the southern periphery of a ridge of high pressure located to the north.

The cyclone will continue to track generally west-northwestward under the steering influence of the previously noted ridge through the remainder of the forecast period. As the system tracks towards the coast of central Vietnam, it will continue to weaken slightly due to increasing wind shear and land interaction. The storm will have fully made landfall just south of Da Nang, Vietnam within 12 hours and begin to rapidly weaken. This rapid weakening trend will result in near total dissipation within 24 hours. However, remnants of Molave will produce additional heavy rainfall across Vietnam, Cambodia, and possibly Thailand. These areas have already dealt with several weeks of flooding rains.

Joint Typhoon Warning Center Forecast



Additional Information and Update Schedule

Wind intensity forecasts and forecast track information can be found via the Joint Typhoon Warning Center at <https://metocph.nmci.navy.mil/jtwc.php>

NEXT CAT ALERT: Since rapid dissipation over land is anticipated after landfall, this will be the final Cat Alert. Full details will available in this week's Weekly Cat Report.

*Tropical Cyclone Intensity Classifications for Global Basins

WIND SPEED			BASINS AND MONITORING BUREAU							
KTS ¹	MPH ¹	KPH ¹	NE Pacific, Atlantic	NW Pacific	NW Pacific	SW Pacific	Australia	SW Indian	North Indian	
			National Hurricane Center (NHC)	Joint Typhoon Warning Center (JTWC)	Japan Meteorological Agency (JMA)	Fiji Meteorological Service (FMS)	Bureau Of Meteorology (BOM)	Meteo-France (MF)	India Meteorological Department (IMD)	
30	35	55	Tropical Depression	Tropical Depression	Tropical Depression	Tropical Depression	Tropical Low	Tropical Depression	Deep Depression	
35	40	65	Tropical Storm	Tropical Storm	Tropical Storm	Cat. 1 Tropical Cyclone	Cat. 1 Tropical Cyclone	Moderate Tropical Storm	Cyclonic Storm	
40	45	75								
45	50	85								
50	60	95								
55	65	100			Severe Tropical Storm	Cat. 2 Tropical Cyclone	Cat. 2 Tropical Cyclone	Severe Tropical Storm		Severe Cyclonic Storm
60	70	110								
65	75	120	Cat. 1 Hurricane	Typhoon		Cat. 3 Severe Tropical Cyclone	Cat. 3 Severe Tropical Cyclone	Tropical Cyclone	Very Severe Cyclonic Storm	
70	80	130								
75	85	140								
80	90	150	Cat. 2 Hurricane		Typhoon		Cat. 4 Severe Tropical Cyclone	Cat. 4 Severe Tropical Cyclone		Intense Tropical Cyclone
85	100	160								
90	105	170								
95	110	175	Cat. 3 Major Hurricane		Typhoon					
100	115	185								
105	120	195								
110	125	205	Cat. 4 Major Hurricane		Super Typhoon					Super Cyclonic Storm
115	130	210								
120	140	220								
125	145	230								
130	150	240	Cat. 5 Major Hurricane	Super Typhoon						
135	155	250								
140	160	260								
>140	>160	>260	Cat. 5 Major Hurricane	Super Typhoon						

About Aon

Aon plc (NYSE:AON) is a leading global professional services firm providing a broad range of risk, retirement and health solutions. Our 50,000 colleagues in 120 countries empower results for clients by using proprietary data and analytics to deliver insights that reduce volatility and improve performance.

© Aon plc 2020. All rights reserved.

The information contained herein and the statements expressed are of a general nature and are not intended to address the circumstances of any particular individual or entity. Although we endeavor to provide accurate and timely information and use sources we consider reliable, there can be no guarantee that such information is accurate as of the date it is received or that it will continue to be accurate in the future. No one should act on such information without appropriate professional advice after a thorough examination of the particular situation.

Copyright © by Impact Forecasting®

No claim to original government works. The text and graphics of this publication are provided for informational purposes only. While Impact Forecasting® has tried to provide accurate and timely information, inadvertent technical inaccuracies and typographical errors may exist, and Impact Forecasting® does not warrant that the information is accurate, complete or current. The data presented at this site is intended to convey only general information on current natural perils and must not be used to make life-or-death decisions or decisions relating to the protection of property, as the data may not be accurate. Please listen to official information sources for current storm information. This data has no official status and should not be used for emergency response decision-making under any circumstances.

Cat Alerts use publicly available data from the internet and other sources. Impact Forecasting® summarizes this publicly available information for the convenience of those individuals who have contacted Impact Forecasting® and expressed an interest in natural catastrophes of various types. To find out more about Impact Forecasting or to sign up for the Cat Reports, visit Impact Forecasting's webpage at impactforecasting.com.

Copyright © by Aon plc. All rights reserved. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise. Impact Forecasting® is a wholly owned subsidiary of Aon plc.