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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

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Tropical Depression Nineteen Public Advisory

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WTNT34 KNHC 141148

TCPAT4

BULLETIN

Tropical Depression Nineteen Intermediate Advisory Number 3A

NWS National Hurricane Center Miami FL AL192024

700 AM EST Thu Nov 14 2024

...LIFE-THREATENING FLASH FLOODING EXPECTED IN HONDURAS THROUGH
THE WEEKEND...

SUMMARY OF 700 AM EST...1200 UTC...INFORMATION-----
LOCATION...15.9N 82.2W

ABOUT 250 MI...400 KM E OF ISLA GUANAJA HONDURAS

ABOUT 90 MI...150 KM NE OF CABO GRACIAS A DIOS ON NIC/HON BORDER

MAXIMUM SUSTAINED WINDS...35 MPH...55 KM/H

PRESENT MOVEMENT...W OR 265 DEGREES AT 15 MPH...24 KM/H

MINIMUM CENTRAL PRESSURE...1004 MB...29.65 INCHES

WATCHES AND WARNINGS-----
CHANGES WITH THIS ADVISORY:

None.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Hurricane Watch is in effect for...

- * Punta Castilla to the Honduras/Nicaragua Border
- * The Bay Islands of Honduras

A Tropical Storm Warning is in effect for...

- * Punta Sal to the Honduras/Nicaragua Border
- * The Bay Islands of Honduras

A Tropical Storm Watch is in effect for...

- * Honduras/Nicaragua Border to Puerto Cabezas

A Hurricane Watch means that hurricane conditions are possible within the watch area. A watch is typically issued 48 hours before the anticipated first occurrence of tropical-storm-force winds, conditions that make outside preparations difficult or dangerous.

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area within 36 hours.

A Tropical Storm Watch means that tropical storm conditions are possible within the watch area, generally within 48 hours.

Interests elsewhere in Honduras, Guatemala, Belize and the Yucatan Peninsula should monitor the progress of this system.

For storm information specific to your area, please monitor

products issued by your national meteorological service.

DISCUSSION AND OUTLOOK

At 700 AM EST (1200 UTC), the center of Tropical Depression Nineteen was located near latitude 15.9 North, longitude 82.2 West. The depression is moving toward the west near 15 mph (24 km/h). This motion should continue through today, taking the system across the western Caribbean Sea. The depression is expected to stall and meander near the north coast of Honduras late Friday and through the weekend.

Maximum sustained winds are near 35 mph (55 km/h) with higher gusts. Some strengthening is forecast during the next 48 hours. The depression is forecast to become a tropical storm later today and continue strengthening, if it remains over water.

The estimated minimum central pressure is 1004 mb (29.65 inches).

HAZARDS AFFECTING LAND

Key Messages for Tropical Depression Nineteen can be found in the Tropical Cyclone Discussion under AWIPS header MIATCDAT4 and WMO header WTNT44 KNHC and on the web at hurricanes.gov/text/MIATCDAT4.shtml

RAINFALL: Through early next week, rainfall amounts of 10 to 20 inches with isolated storm totals around 30 inches area expected over northern Honduras. This rainfall will lead to widespread areas of life-threatening and potentially catastrophic flash flooding and mudslides, especially along and near the Sierra La Esperanza.

Elsewhere across the rest of Honduras, Belize, El Salvador, eastern Guatemala, and western Nicaragua, Tropical Depression Nineteen is expected to produce 5 to 10 inches of rain with localized totals around 15 inches through early next week. This will result in areas of flash flooding, perhaps significant, along with the potential of mudslides.

For a complete depiction of forecast rainfall associated with Tropical Depression Nineteen, please see the National Weather Service Storm Total Rainfall Graphic, available at hurricanes.gov/refresh/graphics_at4+.shtml/205755.shtml?rainqpf#contents

WIND: Hurricane conditions are possible within the watch area by Friday. Tropical storm conditions are expected in the warning area and possible in the watch area beginning later today.

STORM SURGE: Storm surge could raise water levels by as much as 1 to 3 feet above normal tide levels along the immediate coast in areas of onshore winds along the northern coast of Honduras. Near the coast, the surge will be accompanied by large and destructive waves.

NEXT ADVISORY

Next complete advisory at 1000 AM EST.

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Forecaster Kelly

Quick Links and Additional Resources

TROPICAL CYCLONE FORECASTS

[Tropical Cyclone Advisories](#)
[Tropical Weather Outlook](#)
[Audio/Podcasts](#)
[About Advisories](#)

MARINE FORECASTS

[Offshore Waters Forecasts](#)
[Gridded Forecasts](#)

SOCIAL MEDIA

[NHC on Facebook](#)
[Twitter](#)
[YouTube](#)
[NHC Blog: "Inside the Eye"](#)

HURRICANE PREPAREDNESS

[Preparedness Guide](#)

RESEARCH AND DEVELOPMENT

[NOAA Hurricane Research Division](#)
[Hurricane and Ocean Testbed \(HOT\)](#)
[Hurricane Forecast Improvement Program](#)

OTHER RESOURCES

[Q & A with NHC](#)
[NHC/AOML Library Branch](#)

NWS FORECAST OFFICES

[Weather Prediction Center](#)
[Storm Prediction Center](#)
[Ocean Prediction Center](#)
[Local Forecast Offices](#)

WORLDWIDE TROPICAL CYCLONE CENTERS

[Canadian Hurricane Centre](#)
[Joint Typhoon Warning Center](#)

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[About Marine](#)

[Hurricane Hazards](#)
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[Marine Safety](#)
[Ready.gov Hurricanes | en Español](#)
[Weather-Ready Nation](#)
[Emergency Management Offices](#)

[NOAA: Hurricane FAQs](#)
[National Hurricane Operations Plan](#)
[WX4NHC Amateur Radio](#)

[Other Tropical Cyclone Centers](#)
[WMO Severe Weather Info Centre](#)



[US Dept of Commerce](#)
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[National Hurricane Center](#)
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