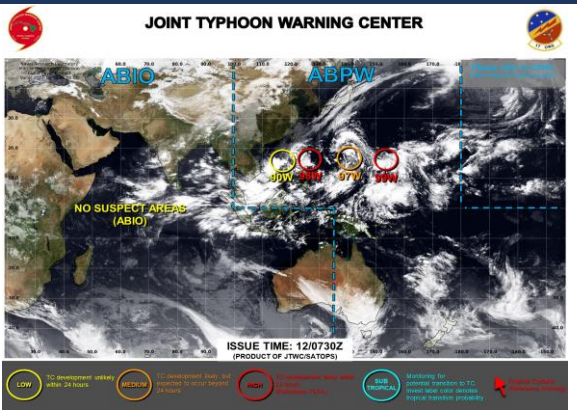
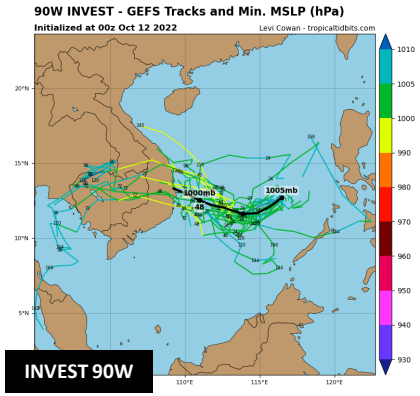
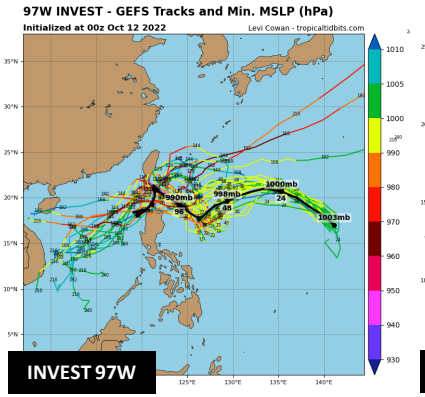
WEDNESDAY
12 OCT 2022
1630 HRS UTC +7

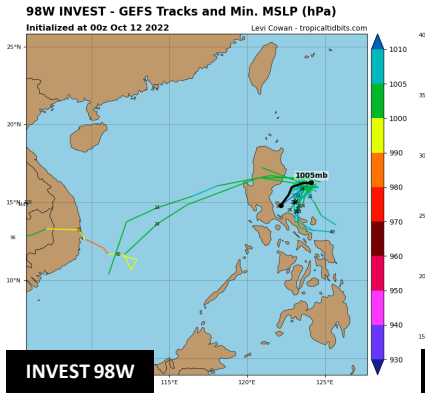
INVEST 90W, 97W, 98W (local name: Maymay), 99W
Philippines, Viet Nam
FLASH UPDATE #1

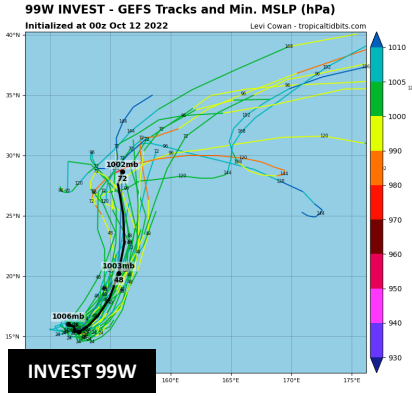
ONE ASEAN ONE RESPONSE











INVEST 90W

- **OVERVIEW:** A tropical disturbance **INVEST 90W** has persisted near 12.6N 116.6E, approximately 519 km West-Southwest of Manila, Philippines.
- **INTENSITY**: maximum sustained surface winds are estimated at 19-28 km/h, and minimum sea level pressure is estimated to be near 1006 hPa.
- **ANALYSIS**: environmental analysis indicates favourable conditions for development (low vertical wind shear, warm sea surface temperatures, strong poleward outflow).
- **FORECAST: INVEST 90W** is forecast to track Southwest towards Viet Nam in the next 48-72 hours. The potential for the development of a significant tropical cyclone within the next 24 hours is **LOW**.
- **HAZARDS**: Heavy to heavy rains with thunderstorms in the area of Quang Binh to Khan Hoa, and Central Highlands since 13 October.

INVEST 97W

- **OVERVIEW:** A tropical depression was estimated based on all available data at 1,980 km East of Northern Luzon (17.2N, 140.4E).
- **INTENSITY**: maximum sustained winds of 45 km/h near the centre, gustiness of up to 55 km/h, and central pressure of 1004 hPa. Strong winds extend outwards up to 100 km from the centre.
- **MOVEMENT**: Northwestward at 20 km/h
- **FORECAST**:
  - Movement – forecasted to continue moving northwestward in the next 24 hours and may enter the Philippine Area of Responsibility on Thursday (13 Oct) then will move westward towards Extreme Northern Luzon.
  - Intensity – INVEST 97W may intensify while moving over the Philippine Sea and may reach Tropical Storm category by Friday (14 Oct). There is a high likelihood that Tropical Cyclone Wind Signals (TCWS) will be hoisted over Batanes and several provinces of Northern Luzon (highest TCWS no. 2).
  - The potential for the development of a significant tropical cyclone within the next 24 hours is **MEDIUM**.

INVEST 98W (local name: Maymay)

- **OVERVIEW: Tropical Depression 98W** (local name: Maymay) maintains its strength while moving westward over the Philippine Sea. The centre was estimated based on all available data at 180 km East of Casiguran, Aurora (16.3N, 123.8E)
- **INTENSITY**: maximum sustained winds of 45 km/h near the centre and gustiness of up to 55 km/h. Strong winds extend outwards up to 180 km from the centre
- **MOVEMENT**: Westward at 10 km/h
- **FORECAST**: 98W is forecast to continually move westward towards the eastern coast of Isabela or Aurora. 98W is forecast to weaken into a remnant low in the next 12 hours.
- **HAZARDS**: At most moderate to heavy with at times intens rains especially over areas under TCWS no. 1. Occasional gusts reaching strong to gale-force may also be experienced over Batanes, Cagayan including Babuyan Islands, CAR, and Ilocos Region.
- The potential for the development of a significant tropical cyclone within the next 24 hours is **HIGH**.

INVEST 99W

- **OVERVIEW: INVEST 99W** is stationary over the Philippine Sea 601 km East of Saipan, Northern Mariana Islands (15.8N 151.1E)
- **INTENSITY**: maximum sustained surface winds are estimated at 33 to 41 km/h and minimum sea level pressure is estimated to be near 1004 hPa.
- **MOVEMENT**: Southwestward at 3 km/h
- **ANALYSIS**: environmental analysis indicates favourable conditions for development (low vertical wind shear and warm sea surface temperatures).
- **FORECAST**:
  - The potential for the development of a significant tropical cyclone within the next 24 hours is **HIGH**.

The AHA Centre will continue to monitor and issue necessary updates once more information from official sources becomes available.

DATA SOURCES
ASEAN Disaster Monitoring & Response System (DMRS); Pacific Disaster Center (PDC Global); ASEAN Specialised Meteorological Centre (ASMC);
Philippines: PAGASA

Verified news media agencies.

DISCLAIMER
The AHA Centre was established in November 2011 by the Association of Southeast Asian Nations (ASEAN) Member States to facilitate cooperation and coordination among the Member States, relevant agencies of the United Nations, and international organisations in disaster management and humanitarian assistance.
The use of boundaries, geographic names, related information and potential considerations for response are for reference, not warranted to be error free or implying official endorsement from ASEAN Member States.

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