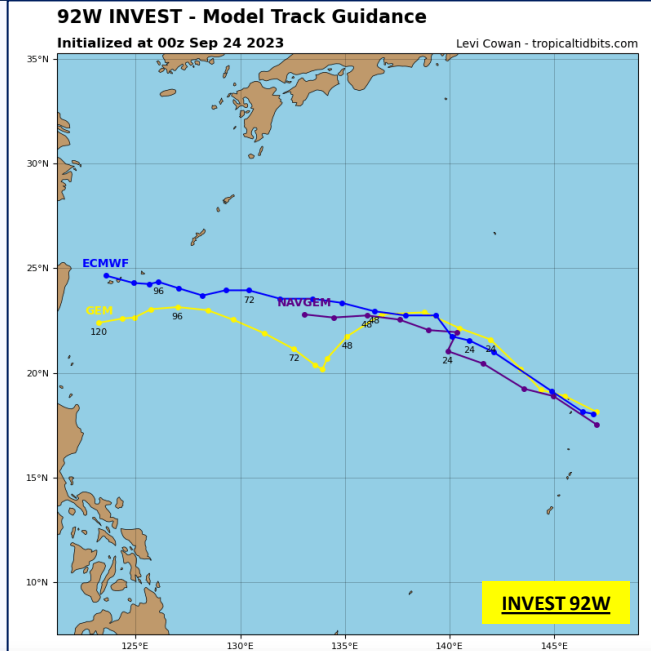
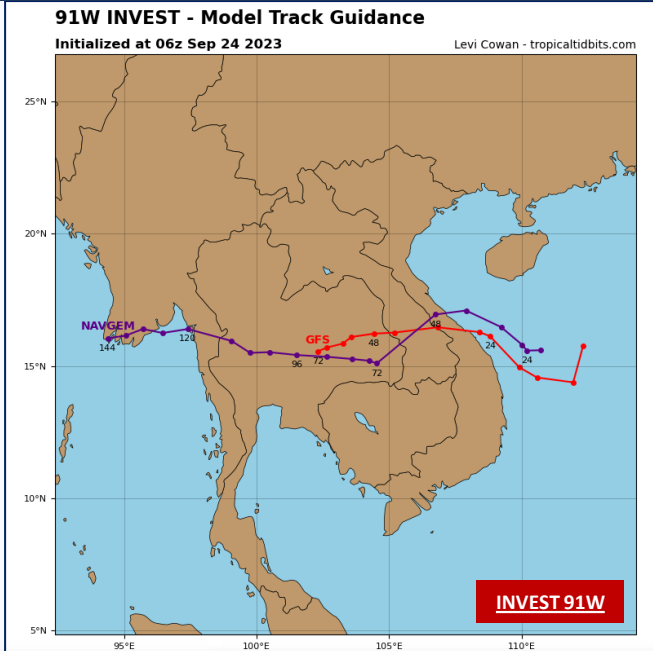
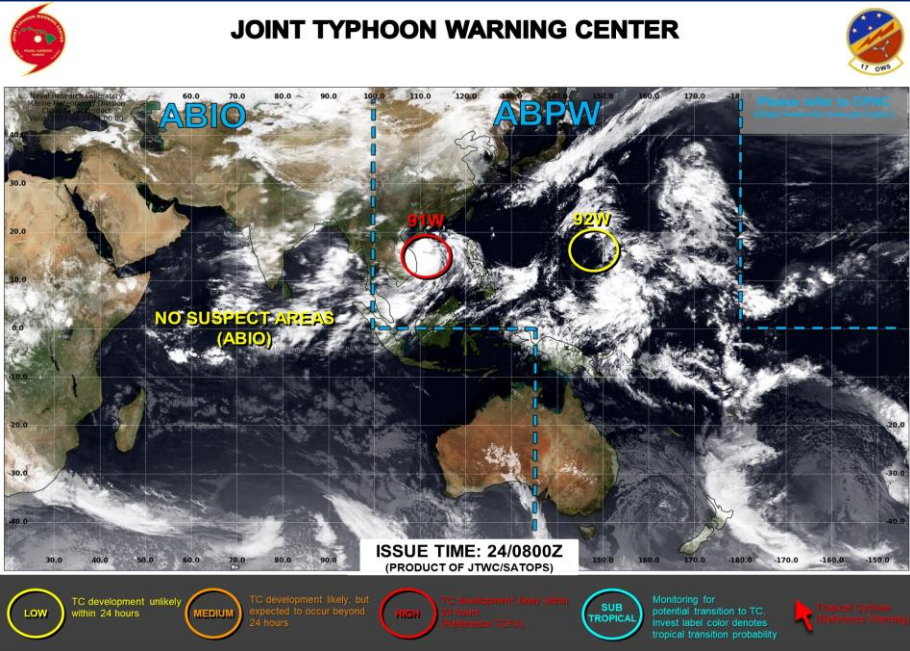


SUNDAY
24 SEP 2023
2000 HRS UTC +7

INVEST 91W, 92W, and Southwest Monsoon Cambodia, Lao PDR, Philippines, Thailand, Viet Nam FLASH UPDATE #1



ONE ASEAN ONE RESPONSE



- INVEST 91W**
- **OVERVIEW:** The area of convection INVEST 91W located near 14.8N 112.4E, approximately 384 east of Quang Ngai, Viet Nam. According to [NCHMF](#), the Low-Pressure Area (LPA) in the southeast sea of Hoang Sa archipelago has strengthened into a tropical depression as of 1300 HRS UTC+7. The location the tropical depression was about 200 km southeast of Hoang Sa archipelago.
 - **INTENSITY:** According to [NCHMF](#), the strongest wind near the center of the tropical depression is strong at about 39-49km/h.
 - **MOVEMENT:** Westward at 10 km/h
 - **FORECAST:** Global numerical deterministic and ensemble models are in agreement that INVEST 91W will move slowly westward and continue to develop over the next 12 to 24 hours ([JTWC](#)). According to [NCHMF](#), in the next 48-60 hours, INVEST 91W continues to move in the West-Northwest direction, at about 10-15km and weakening. INVEST 91W may weaken into a Low-Pressure area (LPA) over southern Lao PDR.
 - The potential for the development of a significant tropical cyclone within the next 24 hours is **HIGH**
- INVEST 92W**
- **OVERVIEW:** The area of convection INVEST 92W located near 17.1N 147.3E, approximately 495 km Northeast of Guam ([JTWC](#)).
 - **INTENSITY:** Surface winds are around 20-30 km/h (10-15 knots). Minimum sea-level pressure is near 1003 hPa.
 - **FORECAST:** Global numerical models agree that 92W will move westward and continue to develop over the next 2 days.
 - The potential for the development of a significant tropical cyclone within the next 24 hours is **LOW**

- POTENTIAL IMPACTS**
- Cambodia:**
- At most moderate to heavy rainfall over the Northeastern Highlands, Northern Highlands, and Northwestern Central Lowlands.
- Lao PDR:**
- At most moderate to heavy rainfall with thunderstorms over Phongsaly, SamNeua, Xieng Khouang, Oudomxay, Luang Namtha, Luang Prabang, Xayabouri, Vientiane, Phonhong, Pakxan, Thakhek, Pakse, Salavan, Sekong, and Attapeu.
- Philippines:**
- Strong Winds are expected over the southwestern sea area of the North East Sea (including the sea area of the Paracel Islands), and the northwestern sea area of the Central
 - At most moderate to heavy rains and thunderstorms are expected over the Central Highlands, Western Highlands and Southern regions.

- POTENTIAL IMPACTS**
- Thailand:**
- At most heavy to very heavy rainfall over lower Northern, Northeastern, Central, Eastern, and Southern Regions in Thailand.
- Viet Nam:**
- Strong Winds are expected over the southwestern sea area of the North East Sea (including the sea area of the Paracel Islands), and the northwestern sea area of the Central
 - At most moderate to heavy rains and thunderstorms are expected over the Central Highlands, Western Highlands and Southern regions.
- IMPACTS AND DAMAGES**
- Philippines**
- NDRRMC reported flooding and landslides since 16 September over Region VI, IX, XII, and BARMM.
 - 84K families (402K persons) were affected, and around 5K persons were displaced.
 - 2 persons dead, 1 person, and 1 injured.
 - 17 houses (15 partially, 2 totally), 1 bridge, and 2 roads.
- PREPAREDNESS AND RESPONSE**
- Cambodia**
- [MWRM](#) Cambodia continue to monitor weather situation and provision of weather updates to all stakeholders.
- Lao PDR**
- [DMH](#) Lao PDR continue to monitor weather situation and provision of weather updates to all stakeholders.
- Philippines**
- As of 24 September, NDRRMC Alert Status is on Blue Alert (half of the members of the NDRRMC are on standby for any emergencies).
 - A total of 3 cities/municipalities were declared under the State of Calamity in Maguindanao (BARMM).
 - [PAGASA](#) continue to monitor weather situation and provision of weather updates to all stakeholders.
- Thailand**
- [TMD](#) continue to monitor weather situation and provision of weather updates to all stakeholders.
- Viet Nam**
- The National Steering Committee for Disaster Prevention and Control of Viet Nam has dispatch a letter No. 11/CD-QG dated 24 September 2023 to proactively respond the potential impacts of Tropical Depression INVEST 91W (VDDMA).
 - [NCHMF](#) continue to monitor weather situation and provision of weather updates to all stakeholders.
- The AHA Centre will continue to monitor for further developments and issue necessary updates.

DATA SOURCES
ASEAN Disaster Monitoring & Response System (DMRS); Pacific Disaster Center (PDC Global); ASEAN Specialised Meteorological Centre (ASMC); Cambodia: MWRM; Lao PDR: DMH; Philippines: NDRRMC; PAGASA; Thailand: TMD; Viet Nam: VDDMA, NCHMF; 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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Our mailing address is: AHA Centre, GRAHA BNBP 13th Floor, Jl. Raya Pramuka Kav. 38, Jakarta 13120 Indonesia