

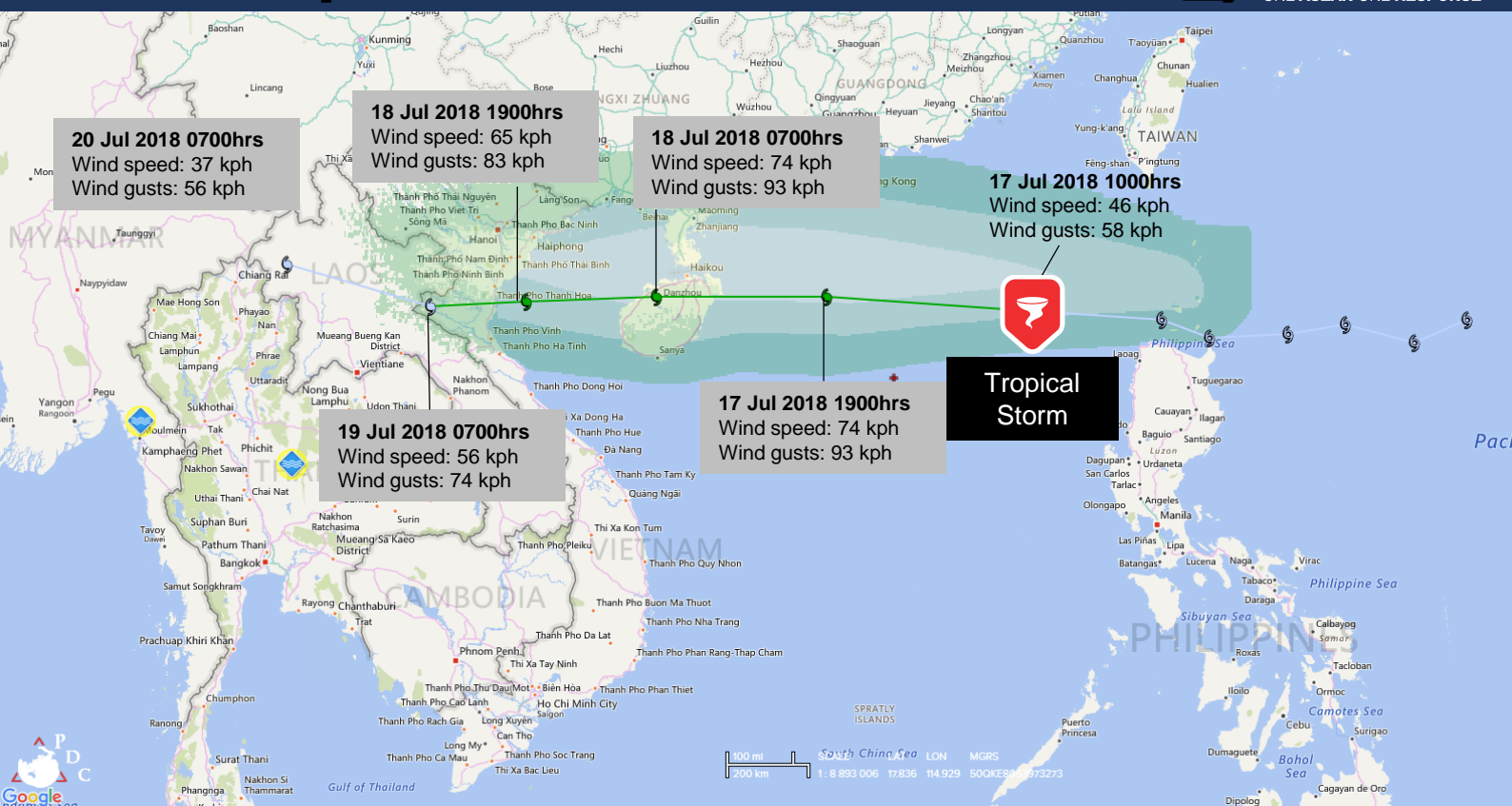
TUESDAY
17 JUL 2018
1100HRS UTC +7

TROPICAL STORM SON-TINH (HENRY)

Countries under monitoring (PH, VN, LA)
FLASH UPDATE #1



ONE ASEAN ONE RESPONSE



Philippines

- [PAGASA](#) and [NDRRMC report](#) tropical depression moving towards north of Luzon and affecting the northern parts of the provinces of Batanes, Cagayan (including Babuyan Group Islands), Apayao and Ilocos Norte by evening 16 July 2018.
- Occasional rain and winds of 30-60 kph expected in the next 36 hours. Floods and landslides are expected. Fishermen were also advised against sea travel as it remains risky.
- “Henry” is expected to exit Philippines Area of Responsibility today.
- Besides “Henry”, heavy rainfall warning has been issued for Southwest Monsoon (Habagat). Orange Level Warning has been issued for #MetroManila, #Bulacan, #Bataan, and #Batangas. Yellow Warning level has been issued for #Rizal, #Cavite, #Pampanga, and #Zambales.
- Hourly updates published on PAGASA’s social media using hashtags #HenryPH, #WalangPasok, #habagat and #NCR_PRSD for tracking the Southwest Monsoon.

Viet Nam

- [NCHMF](#) predicts the center of pressure will be over the provinces of Thanh Hoa and Ha Tinh on 16 July.
- Winds at the center of the tropical depression are projected to reach 40-50 kph.
- [CCNDPC](#) is monitoring the storm closely as it approaches Viet Nam

Lao PDR

- [Department of Meteorology and Hydrology](#) instructs authorities to be on high alert for floods through the northern and central parts of the country.
- Forecast expects heavier rainfall between 19 and 20 Jul 2018 in the northern region of Lao PDR

Other sources

- Status of the river monitoring system is also available on [Mekong River Commission’s portal](#).
- [Hong Kong Observatory](#) is also closely monitoring the progress of the storm.

DATA SOURCES

AHA Centre Disaster Monitoring & Response System (DMRS); Pacific Disaster Center (PDC Global), Healthmap, Joint Typhoon Warning Centre, Philippines DSWD, NDRRMC, PAGASA, PhiGIS, Viet Nam: CCNDPC, NCHMF, VDMA, Cambodia: Ministry of Water Resources and Meteorology

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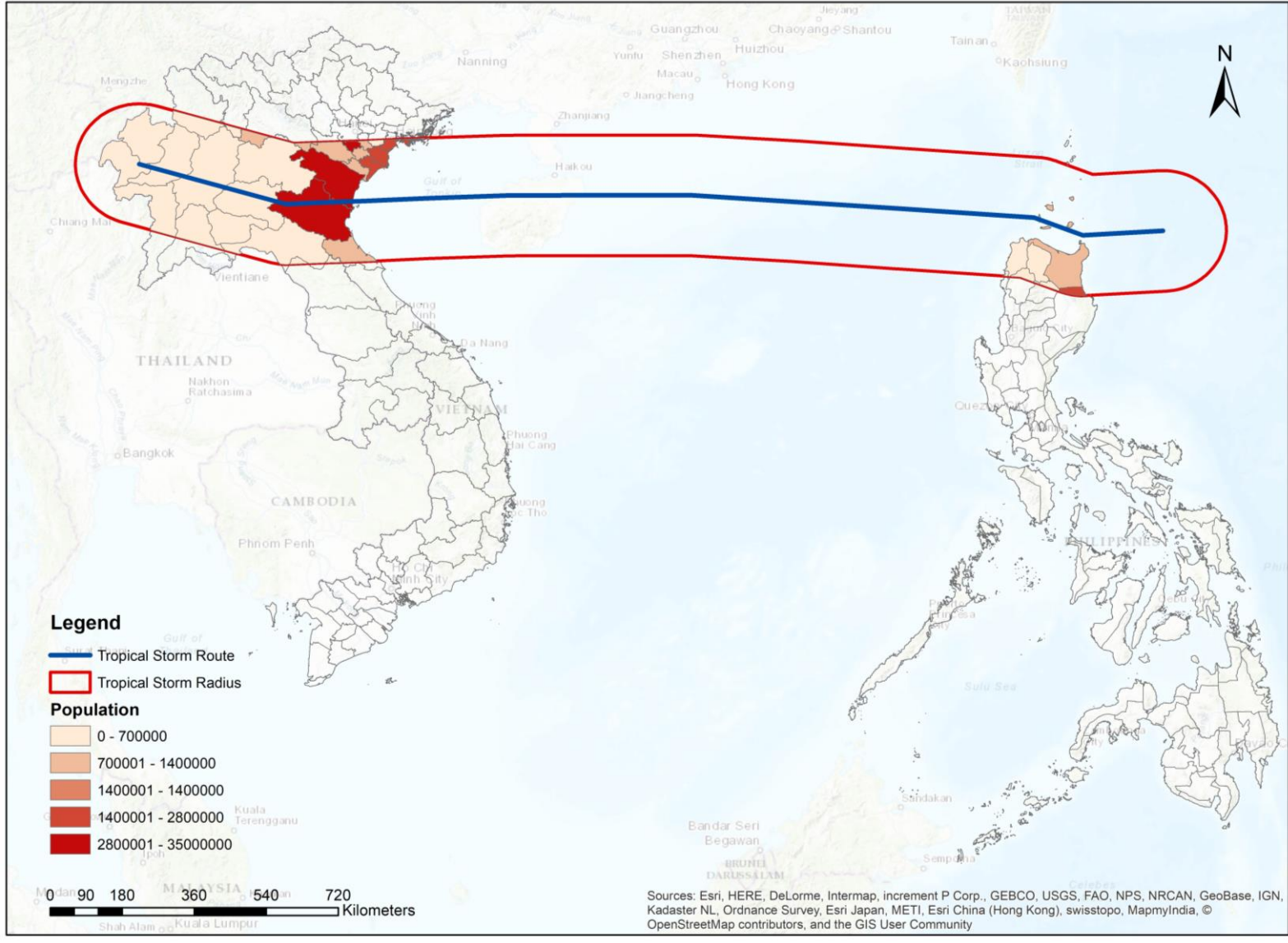
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Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Philippines		Viet Nam		Lao PDR	
Provinces	Total Population	Provinces	Total Population	Provinces	Total Population
Abra	241,160	Điện Biên	490,306	Bokeo	179,243
Apayao	119,184	Hà Nội	7,587,800	Bolikhamxai	273,691
Batanes	17,246	Hà Nam	799,400	Houaphan	289,393
Cagayan	1,199,320	Hà Tĩnh	1,255,300	Khammouan	392,052
Ilocos Norte	593,081	Hòa Bình	817,400	Louang Namtha	175,753
Ilocos Sur	689,668	Hưng Yên	1,159,700	Louangphrabang	431,889
Isabela	1,593,566	Hải Dương	403,893	Oudômxai	307,622
Kalinga	212,680	Hải Phòng	2,190,788	Phôngsali	177,989
		Nam Định	1,934,000	Vientiane	419,090
		Nghệ An	3,037,400	Xaignabouri	381,376
		Ninh Bình	935,800	Xaisômboun	85,168
		Quảng Ninh	1,199,400	Xiangkhoang	224,684
		Sơn La	1,166,900		
		Thái Bình	1,788,500		
		Thanh Hóa	3,400,595		

DATA SOURCES
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Philippines: DSWD, NDRRMC, PAGASA, PhilGIS
Viet Nam: CCNDPC, NCHMF, VDMA
Cambodia: Ministry of Water Resources and Meteorology

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