

**MEMBER
REPORT
CAMBODIA**

ESCAP/WMO Typhoon Committee
15th VC Integrated Workshop
1-2 December 2020

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I. Overview of tropical cyclones which have affected/impacted Member's area since the last Committee Session

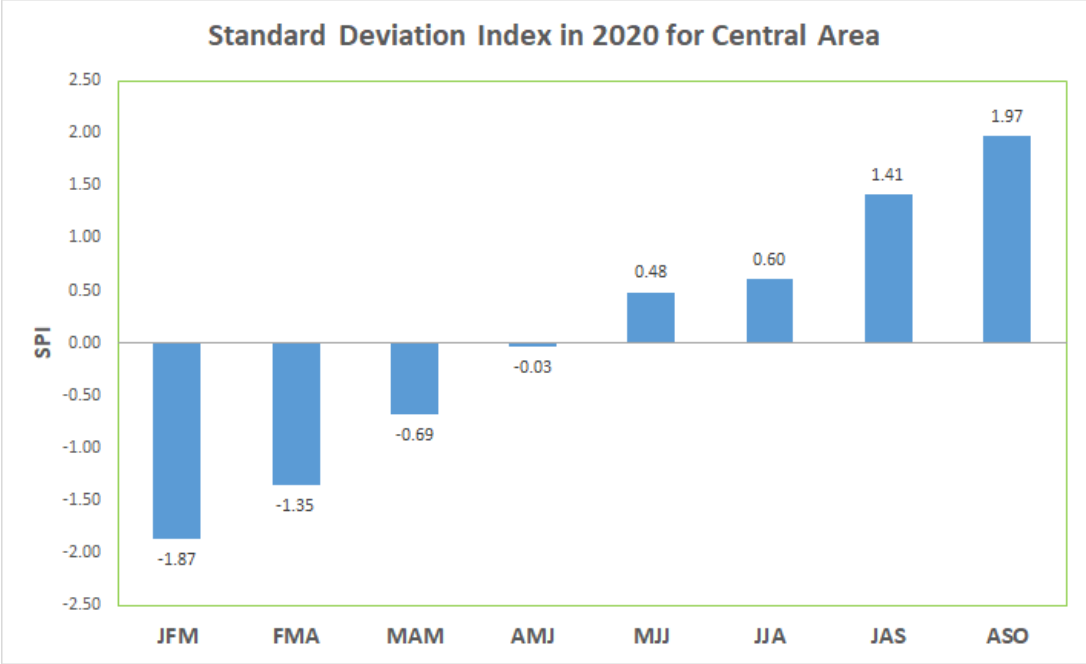
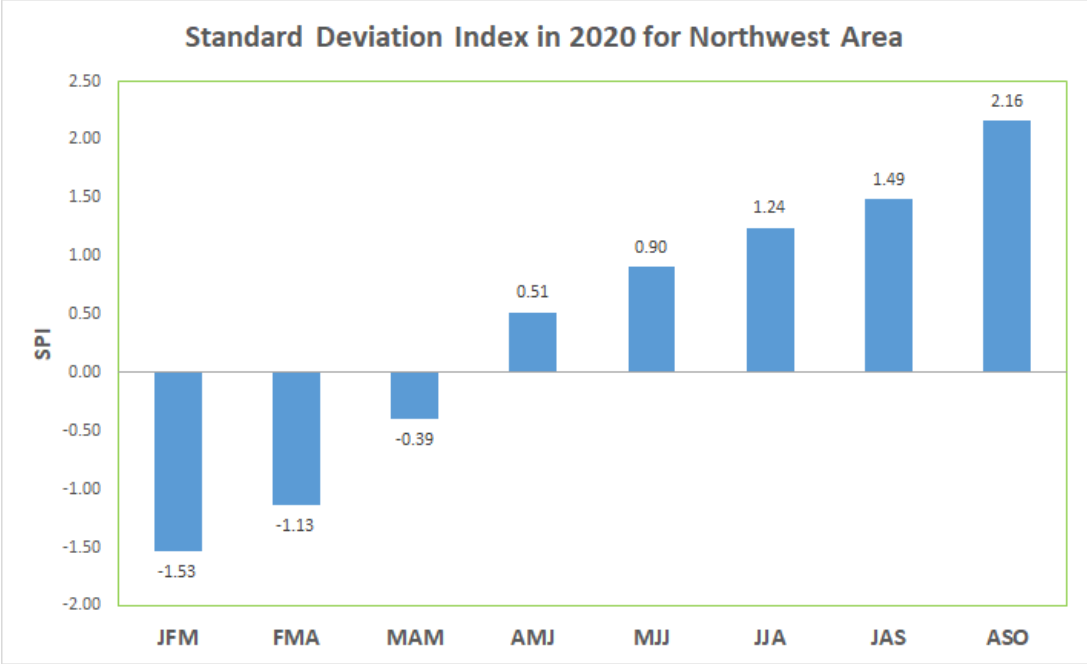
- Meteorological Assessment (highlighting forecasting issues/impacts)

In 2020, from 1st January to October 2020 Cambodia was affected by meteorological drought, flood, flash flood and one Tropical Storm Linfa (2015).

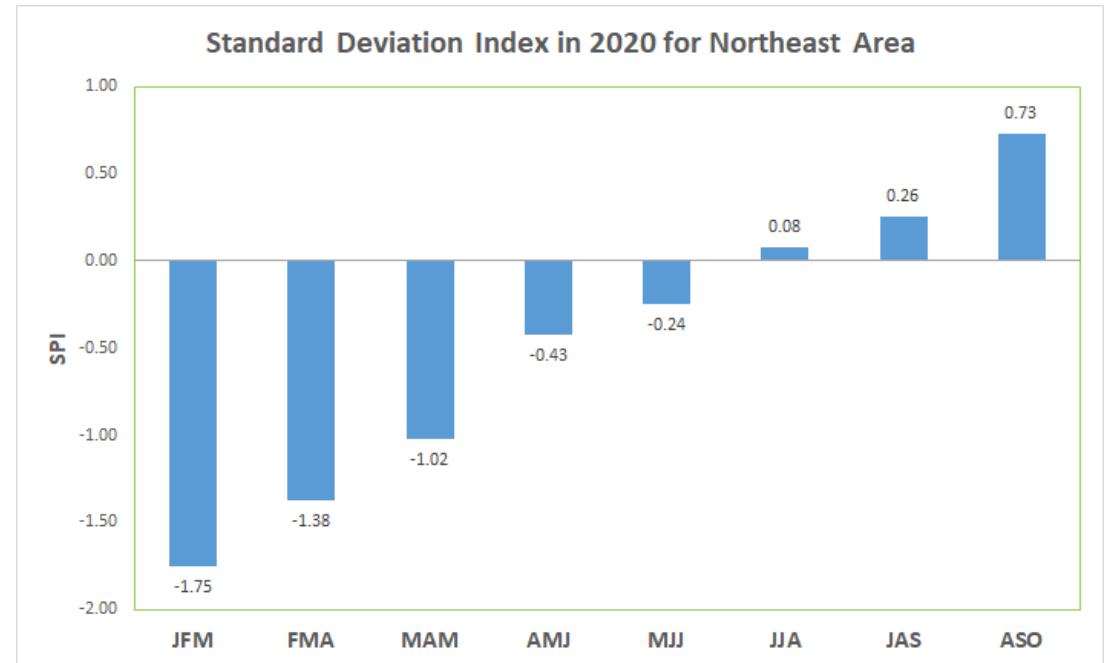
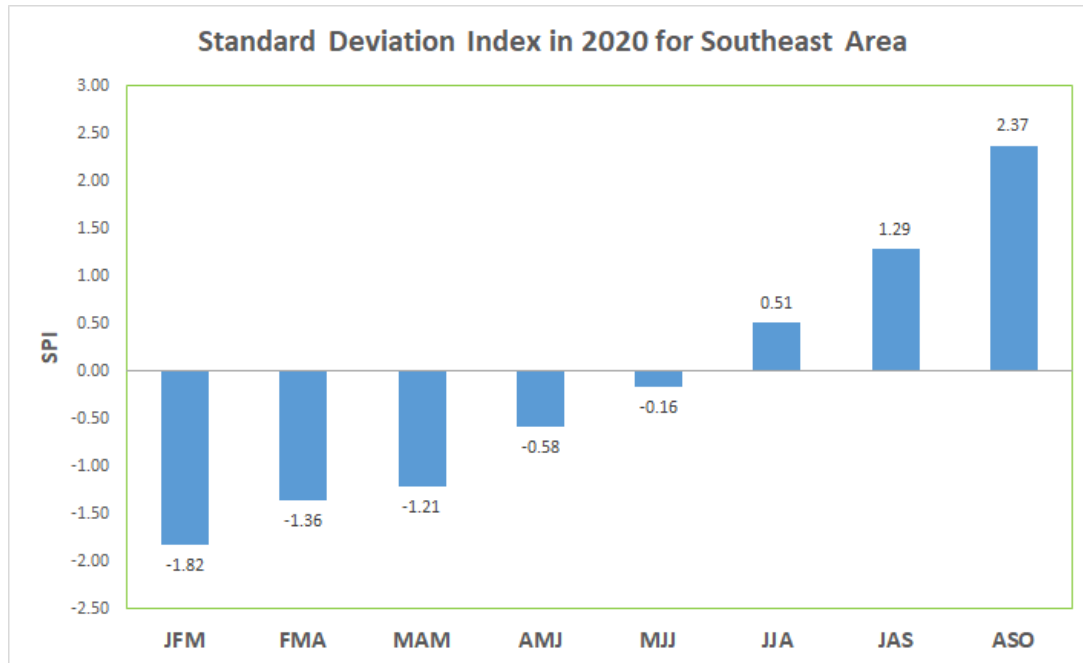
1- Meteorological Drought:

In the early year from January to May, almost areas of the country was very dry due to El Niño phenomena affected. The country was very hot with maximum temperature from 34°C to 41°C. The weakening of southwest monsoon and arrived late until the end of the 4th week of May 2020. The result of this phenomena caused less rainfall during the early rainy season (See SPI chart).

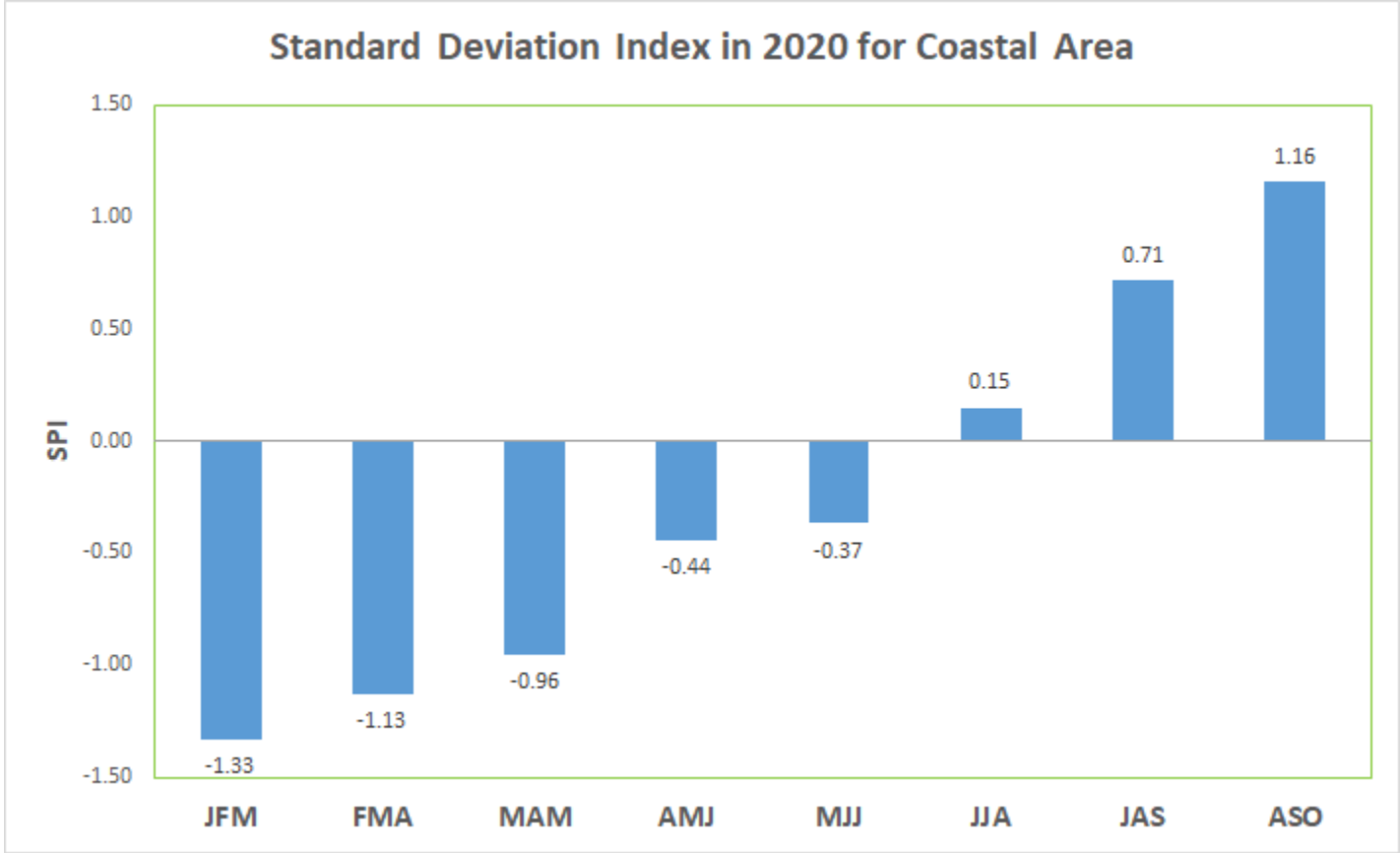
Standard Precipitation Deviation Index in 2020



Standard Precipitation Deviation Index in 2020

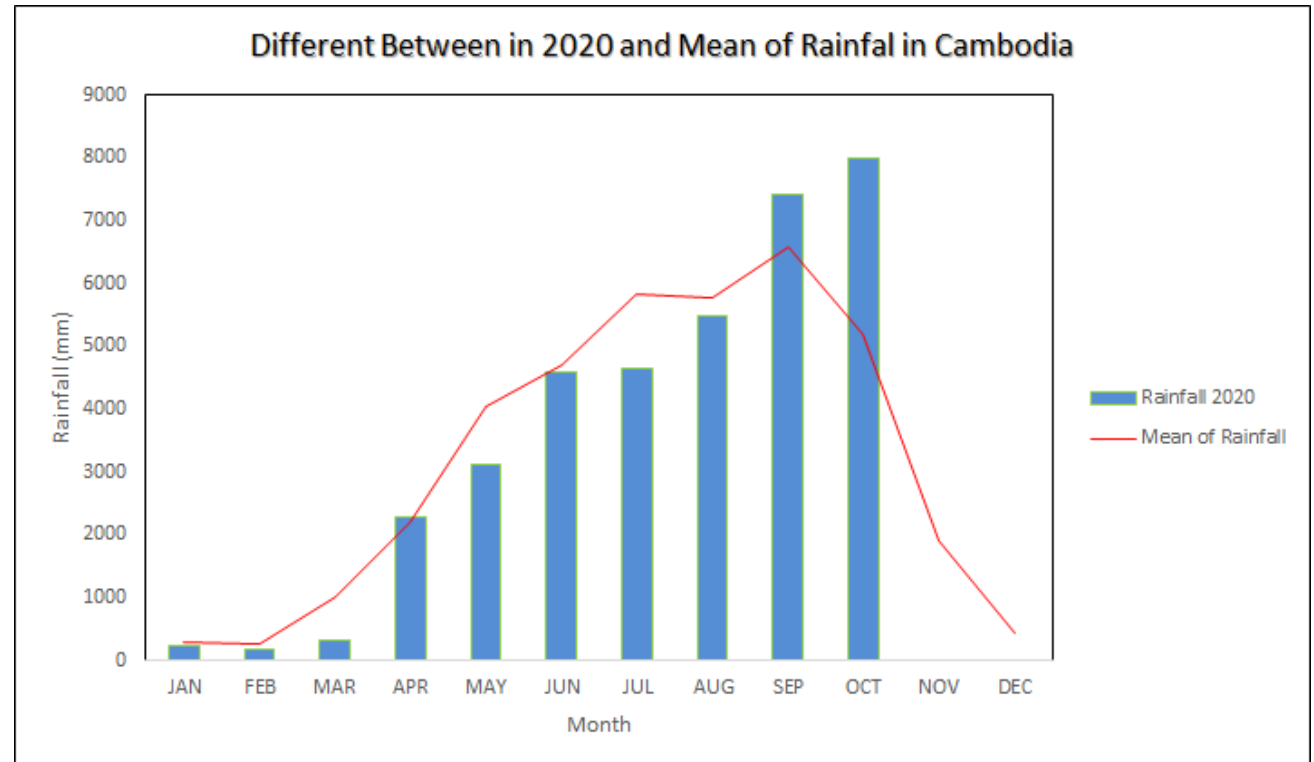


Standard Precipitation Deviation Index in 2020



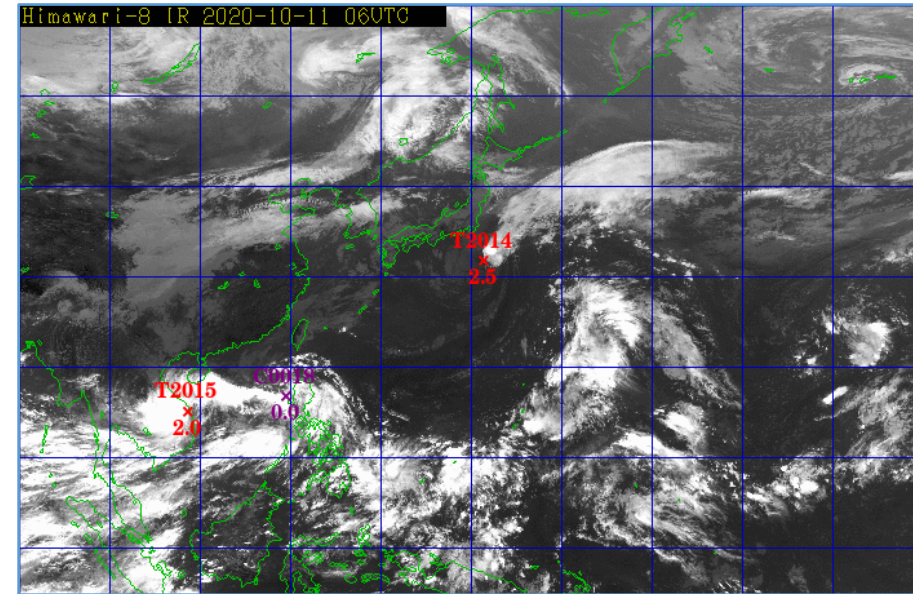
2- Flood and Flash Flood :

During September to October the country received rainfall much more than usual if compared with mean of rainfall 30 years. This caused by strong monsoon trough almost stationary over the country giving rainfall every day in almost provinces.

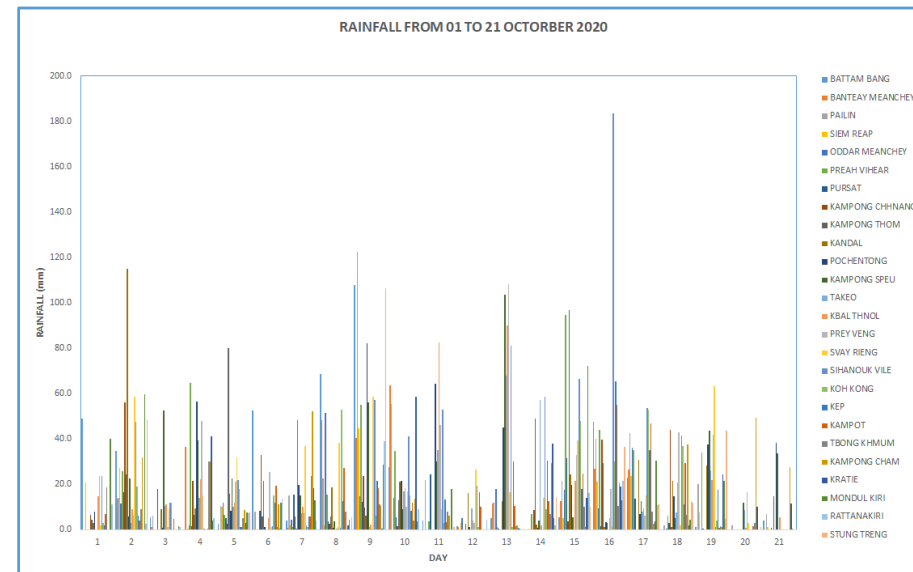


Flood and Flash Flood(Cont)

Since the start of October 2020 from 1st day to 21st, Cambodia have experienced heavy rainfall due to the monsoon trough was lied and crossing over the country while the tropical storms Linfa (T2015) over the middle South China Sea and made landfall Vietnam (14 October 2020). This situation caused serious flash flood and flood in 19 of 25 provinces.



TS Linfa (2015) over the middle south china sea (JMA Source)



Rainfall from 01 to 21 October 2020

Flood and Flash Flood(Cont)

the provinces of Battambang, Banteay Meanchey and Pursat are the worst affected areas. As of 19 October, more than 131,000 houses have been damaged or destroyed and over 12,200 households were displaced. According to Provincial Committees for Disaster Management, a total of 133,400 households have been affected by the floods, and some 319,000 hectares of agricultural land has been inundated.



This aerial photo shows a flooded village in Cambodia's western Battambang province, following heavy rains in the region, Oct. 10, 2020. (AFP Photo)

Flood and Flash Flood(Cont)

As of 21 October, about 156,137 households in 14 provinces, including Phnom Penh, are reported to be affected by flash floods. In these areas, houses, infrastructure (roads, schools, health centres) and agricultural land have been inundated. The worst affected are Battambang (66,088 households affected, 4,592 displaced), Banteay Meanchey (29,225 households affected, 4,567 displaced), and Pursat (28,349 households affected, 1,934 displaced).



Rescuers use boats to ferry stranded villagers to safety (Source: AKP)

II. Summary of Progress in Priorities supporting Key Result Areas

1- Strengthening Climate information and Early Warning System, integrating technology and placing communities at the heart of a people-centered early warning system.

2- Increase Cambodia's institutional capacity to assimilate and forecast weather, hydrological and climate information through online training during COVID-19.

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Thank you!