

Weekly SAHF Forecasters' Forum (FF)#160

Date: 6th March 2025

Discussion Notes

<p>Realized Weather-Country Reports (28th Feb -6th Mar. 25)</p>	<ul style="list-style-type: none"> ▪ Bangladesh experienced mostly dry condition with rising day and night temperature. No significant cold wave but light to moderate fog over the country during late night and early morning has been observed. ▪ Nepal experienced moderate snowfall over the western and high hilly region along with snowfall moderate to heavy rainfall occurred in the western regions. Also, maximum temperature was observed in a rising trend. Overall, below normal rainfall condition persisted over the week. ▪ Maldives experienced mostly heavy to very heavy rainfall over the northern and central regions of the country due to the low onset of northeastern circulation. Which mainly caused record breaking rainfall, flooding and water logging in the major islands of the northern and central regions. ▪ Much of Sri Lanka received widespread thundershowers most part of the country. Also, above normal temperature and misty condition was observed in the early morning over the country. ▪ Whereas Myanmar experienced isolated light to moderate rainfall in the north eastern regions. While above normal maximum temperature has been observed over the southern, eastern and central regions of the country.
<p>Significant Weather Features in the region for the coming week (7th -13th Mar. 25)</p>	<ul style="list-style-type: none"> ▪ Another anti-cyclonic trough has formed over the Hindu Kush Himalayan regions which may lead to the mid-latitude westerly trough a little bit slower and likely to give rainfall with thunderstorm and snowfall over Nepal, Bhutan, Eastern regions of India and Myanmar. Temperature may rise over the peninsula regions, and most part of the South Asia. ▪ An intense equatorial convection is expected around the Maldives and Sri Lanka, Southern Peninsula India, and due to this these equatorial regions may receive widespread thundershowers and heavy rainfall. ▪ IOD is currently is positive while MJO is also going to be active and supportive over Indian Ocean. However, no significant extreme event is expected is week.
<p>Weather Outlook (7th – 13th Mar. 25)</p>	<ul style="list-style-type: none"> ▪ Much of Bhutan is likely to experience mostly to partly cloudy with isolated light to moderate thundershowers over the southern regions and snowfall over high altitudes and mountainous regions. ▪ While Nepal may experience light to moderate rainfall with thunderstorm and snowfall in few places of mountainous and high regions. Moreover, maximum and minimum temperatures are expected to be above normal in the coming week. ▪ Maldives is likely to experience mostly dry in the central and northern regions while scattered showers with thunderstorm is expected over the southern part of the country in the first half of the week. From the second half scattered showers are expected over the country. ▪ Much of Myanmar may experience isolated light to scattered rainfall with thunderstorms over the Northern, and Central regions. Day temperature may rise and night temperature may decrease over the country. ▪ Whereas Sri Lanka is likely to experience dry condition in the 1st half of the week. Whereas, light to moderate scattered rainfall with thundershowers is likely to experience over most regions of the country from the 2nd half of the week. ▪ While Pakistan may receive light to moderate rainfall over the high latitudes of Khyber Pakhtunkhwa regions of the country due to the westerly wind.

	<ul style="list-style-type: none"> ▪ Much of Bangladesh is likely to experience a slightly rising temperature. Along with temperatures, isolated light to moderate thunderstorms may experience all over the country. 	
Extended Range Outlook (7th Mar. 6th Apr. 2025)	Extended Temperature outlook <ul style="list-style-type: none"> ▪ Most of Northwestern part of India, Central and Northernmost regions are expected to below normal whereas Nepal, Bhutan and Tibetan Plateau are expected to experience above normal maximum temperature on next four weeks. 	Extended Rainfall Outlook <ul style="list-style-type: none"> ▪ Normal rainfall with thunderstorms and snowfall are expected foothill of Himalayas and southwestern regions of Indo Gangetic Plain and equatorial Sri Lanka, Maldives regions in week three weeks while it may reduce from the fourth week.
Ocean Watch	Observed Ocean Surface Conditions (27th Feb. – 6th Mar. 25) <p>Almost normal wave height less than 2.5 meters, swell height were around 1 to 1.4 meters per second. And no significant wave height has been observed around 60-70 seconds.</p> Forecast for the coming week (7th - 13th Mar. 25) <ul style="list-style-type: none"> ▪ A little bit above than normal swell height is expected in the Bay of Bengal specifically in the coastal regions of Myanmar, Bangladesh, India, and Sri Lanka. Wave heights are expecting around 1.2 to 1.3 meters per second. Also, sea surface temperature is expected to be 29-30 degree centigrade in most part of the northern Bay of Bengal. 	