

Weekly SAHF Forecasters' Forum (FF)#162

Date: 20th March 2025

Discussion Notes

Realized Weather-Country Reports (14th - 20th Mar. 25)	<ul style="list-style-type: none"> ▪ Bhutan observed partly to mostly cloudy weather with light rainfall to snowfall over the high pass areas, highest rainfall observed over the southeastern regions. Whereas highest temperature recorded over the western region and lowest was over the northern region. ▪ Bangladesh experienced mild heatwave over the western regions of the country during the 1st half of the week. On the second half of the week observed isolated rainfall with thunderstorm and hail over the northeastern part of the country. ▪ Nepal experienced light to moderate rainfall over the hilly and mountainous western regions, southern plain and western part of the country. Overall, above normal temperature condition persisted over the week all over the country. ▪ Sri Lanka experienced rainfall and evening thundershowers over western and southeastern regions of the country along with misty weather condition. Also, highest temperature recorded over north central provinces and lower minimum temperature observed over the southern region. ▪ Maldives experienced isolate scattered shower with a few heavy showers over the northern and central regions of the country. ▪ Myanmar observed mostly clear weather with isolated rainfall over the southern, northern and a few eastern provinces of the country and highest temperature over the central regions. ▪ While Pakistan experienced light to moderate rainfall over the upper and central Panjab basically northwestern regions.
Significant Weather Features in the region for the coming week (21st -27th Mar. 25)	<ul style="list-style-type: none"> ▪ Anti-cyclonic trough has formed over the Northern regions of South Asia specifically, 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, North Eastern regions of India and Northern Western part of Pakistan. Temperature may rise over the peninsula regions, and most part of the South Asia. ▪ IOD is currently is positive while MJO is also going to be active and supportive over Indian Ocean.
Weather Outlook (21st – 27th Mar. 25)	<ul style="list-style-type: none"> ▪ Much of Bhutan is likely to experience mostly cloudy with isolated light to moderate thundershowers over the southern regions and snowfall over high altitudes and mountainous regions. Whereas temperature is likely to after rainfall and thunderstorm over the mentioned regions. ▪ Much of Nepal may experience partly cloudy to cloudy weather with light to moderate thundershowers and snowfall over the mountainous and hilly region of eastern regions. In the 1st half of the week central and western mountainous regions may experience light rainfall and snowfall whereas from the 2nd half central and eastern regions may experience isolated light rainfall. Both maximum and minimum temperature are also expected to be in the rising trend by the end of the week. ▪ Maldives is likely to experience isolated thundershowers over the northern and central part in the 1st half of the week and it may extend over the southern part of the country from the 2nd half of the week. Along with the rainfall northwesterly wind may also continue. ▪ Much of Myanmar may experience isolated light to scattered rainfall with thunderstorms over the Northeastern regions in the 1st half of the week and which may shift over the southern regions in the 2nd half of the week. Temperature may rise

	<p>gradually over the central part of the country.</p> <ul style="list-style-type: none"> Whereas Sri Lanka is likely to experience, isolated light to moderate evening thundershowers over the western and southwestern regions in the 1st half of the week whereas eastern and lower southern provinces are expected receive from the 2nd half of the week. While Pakistan may receive light to moderate rainfall and thunderstorm over the high latitudes of Khyber Pakhtunkhwa, north and northwestern regions of the country due to the western disturbances from the 2nd half of the week. Whereas in the 1st half of the week day and night temperature is expected to rise significantly over the Sindh region, South Panjab and eastern Rajasthan regions. While Bangladesh is likely to experience mostly cloudy in the 1st half of the week with thundershowers and isolated hailstorms most part of the country. On the second half, rainfall is likely to decrease and temperature may gradually increase all over the country.
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<p>Extended Range Outlook (21st Mar. - 20th Apr. 2025)</p>	<p>Extended Temperature outlook</p> <ul style="list-style-type: none"> Most of southern part of the India, coastal regions Indian sub-continent even Bangladesh, Myanmar and Thailand are expected to above normal heating in the continuously from week 2 and onwards. whereas Nepal, Bhutan South China and Tibetan Plateau are expected to experience normal maximum temperature on next four weeks. 	<p>Extended Rainfall Outlook</p> <ul style="list-style-type: none"> Rainfall band is mostly going to dominate equatorial Sri Lanka whereas Northwestern Himalayan regions and north-western Indian regions are is expected to receive rainfall due to the western disturbances. The equatorial regions are expected to receive normal rainfall in week 1, 3 and 4 whereas in week 2 is going to be dry.
<p>Ocean Watch</p>	<p>Observed Ocean Surface Conditions (14th – 20th Mar. 25)</p> <ul style="list-style-type: none"> A significant swell height 17 to 18 seconds has been observed over India and swell alert has been issued for Andaman and Nicobar Islands. Maximum significant wave observed up to 2.4 meters and maximum swell height observed 18 seconds in the Bay of Bengal and coastal current at some coasts of India were up to 1.1 meters. Sea surface temperatures were 36 to 39 degree centigrade <p>Forecast for the coming week (21st - 27th Mar. 25)</p> <ul style="list-style-type: none"> A normal swell height is expected in the Bay of Bengal specifically in the east coast of India, central region and some coastal regions of Maldives. Wave heights are expecting around 1.2 to 1.3 seconds per minutes. Also, sea surface temperature is expected to be 31.5-32 degree centigrade in west coast of Bay of Bengal. 	