

Weekly SAHF Forecasters' Forum (FF)#167

Date: 24th April 2025

Discussion Notes

<p>Realized Weather-Country Reports (18th – 24th Apr. 25)</p>	<ul style="list-style-type: none"> ▪ Bhutan observed partly to mostly cloudy weather with light to moderate rainfall with thunderstorm and highest rainfall observed over the southeastern regions of the country. Whereas highest temperature recorded over the southern region and lowest was over the northern region. ▪ Bangladesh experienced light to moderate rainfall with thunderstorm and lightning in the first half of the week over northwestern region whereas mild heatwave observed over the central, southwestern regions of the country during the 2nd half of the week. ▪ Nepal experienced light to moderate rainfall with thunderstorm and lightning over most places of the country in the 1st half of the week. From the 2nd half above normal minimum temperature and maximum temperature has been observed over the country. ▪ Sri Lanka experienced moderate to heavy evening thundershowers over the central, southwestern most part of the island. Whereas maximum temperature was reported at the north central regions. ▪ Much of Pakistan experienced mostly dry in the 1st half of the week whereas in the 2nd half, moderate rainfall and thunderstorm has been observed over the upper parts of the country special Sindh region, parts of Panjab and adjoining regions.
<p>Significant Weather Features in the region for the coming week (25th Apr. – 1st May 25)</p>	<ul style="list-style-type: none"> ▪ Due to strong mid-latitude westerly trough an intense thunderstorm, hailstorm, dust storm and lightning are expected over the hill states, thunderstorms over Bangladesh, Northeast India, and Eastern India, and Peninsular India, Sri Lanka, and Maldives. ▪ IOD currently is positive and above normal rainfall patch over Arabian Sea which indicating monsoon circulation development and strengthening.
<p>Weather Outlook (25th Apr. – 1st May 25)</p>	<ul style="list-style-type: none"> ▪ Much of Bhutan is likely to experience partly to mostly cloudy with isolated light rainfall, thundershowers and gusty wind over some places. ▪ Much of Nepal may experience partly to generally cloudy in the 1st half of the week and from the 2nd half partly cloudy fair weather may persist. Light to moderate rainfall with thundershowers is likely to observe over the mountainous & hilly regions of eastern part of country. Both maximum and minimum temperature are also expected to be above normal. ▪ Maldives is likely to experience moderate to heavy rainfall with thundershowers across the week over most part of the country. Temperature may also remain same with hot and humid condition. ▪ Much of Myanmar may experience scattered to widespread rainfall with thunderstorms all over the country. Temperature and gusty wind may rise gradually over the country. ▪ Whereas Sri Lanka is likely to experience, moderate to heavy evening thundershowers central and southern regions of the country. ▪ While Bangladesh is likely to experience partly cloudy to mostly cloudy weather with light to moderate thunderstorm and lightning over most part of the country in the 1st half of the week. Whereas moderate to heavy rainfall is expected over the north and northeastern regions of the country from the 2nd half of the week. Also, mild to moderate heatwave may persist over the country. ▪ Much of Myanmar is likely to experience moderate to heavy rainfall with

	<p>thunderstorm over the central, eastern and southwestern regions of the country.</p> <ul style="list-style-type: none"> While Pakistan is likely to experience isolated moderate to heavy rainfall with thunderstorm and hailstorm over the upper part of Panjab, Khyber Pakhtunkhwa and Kashmir region. 	
<p>Extended Range Outlook (25th Apr. – 22nd May 2025)</p>	<p>Extended Temperature outlook</p> <ul style="list-style-type: none"> Below normal minimum temperature anomalies may prevail over the central, northern and northwestern part of India, some part of Pakistan in the week one. Whereas from week two and onward most of the region is going to experience above normal temperature. Which indicate most part of the regions is going to experience heatwave situation. 	<p>Extended Rainfall Outlook</p> <ul style="list-style-type: none"> In the 1st week to 4th week most part of northeastern India, Bangladesh, Myanmar, Maldives, and Sri Lanka are expected to receive above normal rainfall. Whereas other regions such as Bhutan, Afghanistan, Pakistan, Nepal is going to experience dry condition.
<p>Ocean Watch</p>	<p>Observed Ocean Surface Conditions (18th – 24th Apr. 25)</p> <ul style="list-style-type: none"> A significant swell height 15 to 20 seconds has been observed over Andaman, East coast and West coast of India and swell alert has been issued for Andaman and Nicobar Islands. Maximum significant wave height was observed around 1.5 to 2.5 meters. Sea surface temperatures were 29 to 31 degrees centigrade. <p>Forecast for the coming week (25th Apr. – 1st May 25)</p> <ul style="list-style-type: none"> Almost normal wave height is expected around 1.5 to 2.5 meters and southern regions of Indian Ocean are expected around 4 to 4.5 meters. Also, sea surface temperature is expected to be 30 to 31 degree centigrade in the Bay of Bengal. 	