

## Weekly SAHF Forecasters' Forum (FF)#166

Date: 17<sup>th</sup> April 2025

### Discussion Notes

<p><b>Realized Weather-Country Reports (11<sup>th</sup> – 17<sup>th</sup> Apr. 25)</b></p>	<ul style="list-style-type: none"> <li>▪ Bhutan observed partly to mostly cloudy weather with light to moderate rainfall with thunderstorm and highest rainfall observed over the southern regions of the country. Whereas highest temperature recorded over the southern region and lowest was over the northern region.</li> <li>▪ 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, southern and southeastern regions of the country during the 2<sup>nd</sup> half of the week.</li> <li>▪ Nepal experienced light to moderate rainfall with thunderstorm and lightning over most places of the country and light snowfall over the hilly regions. Whereas above normal minimum temperature and below normal maximum temperature has been observed over the country.</li> <li>▪ Sri Lanka experienced moderate to heavy evening thundershowers over the southwestern most part of the island. Whereas maximum temperature was reported at the north central regions.</li> <li>▪ Much of Pakistan experienced extreme heatwave in the 1<sup>st</sup> half of the week whereas in the 2<sup>nd</sup> half, moderate rainfall with hailstorm and thunderstorm has been observed over the upper parts of the country special Sindh region, parts of Panjab and adjoining regions.</li> </ul>
<p><b>Significant Weather Features in the region for the coming week (18<sup>th</sup> Apr. – 24<sup>th</sup> Apr. 25)</b></p>	<ul style="list-style-type: none"> <li>▪ Due to strong mid-latitude westerly trough an intense thunderstorm, hailstorm, dust storm and lightning are expected over Northeast India, Nepal, Bhutan, Myanmar, Northeast Bangladesh, Maldives and Sri Lanka.</li> <li>▪ IOD currently is neutral and MJO is unfavorable over the eastern equatorial ocean and maritime continents.</li> </ul>
<p><b>Weather Outlook (18<sup>th</sup> - 24<sup>th</sup> Apr. 25)</b></p>	<ul style="list-style-type: none"> <li>▪ Much of Bhutan is likely to experience partly to mostly cloudy with light to moderate rainfall and thundershowers over the southeastern regions whereas temperature is likely to increase gradually over the country.</li> <li>▪ Much of Nepal may experience partly to generally cloudy in the 1<sup>st</sup> half of the week and from the 2<sup>nd</sup> half partly cloudy fair weather may persist. Light to moderate rainfall with thundershowers is likely to observe over the mountainous &amp; hilly regions of eastern part of country. Both maximum and minimum temperature are also expected to be above normal.</li> <li>▪ Maldives is likely to experience thundershowers across the country in the 1<sup>st</sup> half of the week and in the second half thundershowers is expected over the central and southern regions. Temperature may also remain same with hot and humid condition.</li> <li>▪ 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.</li> <li>▪ Whereas Sri Lanka is likely to experience, moderate to heavy evening thundershowers central and southern regions of the country.</li> <li>▪ 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. Whereas moderate to heavy rainfall is expected over the north and northeastern regions of the country. And from the 2<sup>nd</sup> half of the week day temperature may rise and night temperature may remain unchanged.</li> </ul>

	<ul style="list-style-type: none"> <li>▪ Much of Myanmar is likely to experience moderate to heavy rainfall with thunderstorm over the central and northeastern regions of the country.</li> <li>▪ 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.</li> </ul>	
<b>Extended Range Outlook (18<sup>th</sup> Apr. - 16<sup>th</sup> May 2025)</b>	<b>Extended Temperature outlook</b> <ul style="list-style-type: none"> <li>▪ Below normal minimum temperature anomalies may prevail over the Nepal, Bhutan, Southwestern part of India, Myanmar and most parts of Bangladesh in the 1<sup>st</sup> and 2<sup>nd</sup> week of the month. While temperature may rise from week 3 and onward.</li> </ul>	<b>Extended Rainfall Outlook</b> <ul style="list-style-type: none"> <li>▪ Most of the South Asia, including Nepal, Bhutan, Maldives, Sri Lanka, Myanmar, Bangladesh and Southeastern regions of Indian are expected to receive above normal rainfall in 1<sup>st</sup> two weeks of the month and rainfall may decrease from the 3<sup>rd</sup> and 4<sup>th</sup> week.</li> </ul>
<b>Ocean Watch</b>	<b>Observed Ocean Surface Conditions (11<sup>th</sup> – 17<sup>th</sup> Apr. 25)</b> <ul style="list-style-type: none"> <li>▪ A significant swell height 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 2 to 4 meters. Sea surface temperatures were 30 to 32.5 degrees centigrade.</li> </ul> <b>Forecast for the coming week (18<sup>th</sup> – 24<sup>th</sup> Apr. 25)</b> <ul style="list-style-type: none"> <li>▪ Maximum windspeed is likely to be around 12 to 30 meter per second over the southern Indian Ocean. Significant wave height is expected around 2.5 to 3 meters and southern regions of Indian Ocean are expected around 4 to 4.5 meters. From 22<sup>nd</sup> most of the SAHF countries may experience swell height around 19 to 20 seconds per minute. Also, sea surface temperature is expected to be 28-30 degree centigrade in the Bay of Bengal.</li> </ul>	