

## Weekly SAHF Forecasters' Forum (FF)#172

Date: 29<sup>th</sup> May 2025

### Discussion Notes

<p><b>Realized Weather-Country Reports (23<sup>rd</sup> May – 29<sup>th</sup> May 25)</b></p>	<ul style="list-style-type: none"> <li>▪ Bhutan observed mostly cloudy to cloudy weather with light to moderate rainfall and thunderstorm over the country. The highest rainfall recorded in southeastern regions of the country. Temperature was above normal last week. The highest temperature recorded over the western region of the country and lowest temperature over the northern region.</li> <li>▪ Nepal experienced light to moderate rainfall at many places with heavy to very heavy rainfall in hilly region of the country. The maximum temperature was below normal and the minimum temperature was above normal.</li> <li>▪ Bangladesh observed gusty winds with surge of 2-4m above normal astronomical tide. Southwest Monsoon advanced up to southeastern coast by 25<sup>th</sup> May. Thus, heavy rain with thunderstorm and lightning flashes is observed at many places with moderately heavy to heavy rainfall at places.</li> <li>▪ Maldives experienced thundershowers in several days over the country. Strong average winds and gusty winds are observed in the central and northern region of the country. Swell surge is reported in the southern islands on the 2<sup>nd</sup> half of the week.</li> <li>▪ Sri Lanka experienced the establishment of southwest monsoon in the last week over the southwest part of the country. Highest rainfall was reported in the southwestern part of the country. Whereas minimum temperature was recorded in the inland area and maximum temperature was recorded in the northern and eastern part of the country.</li> <li>▪ Pakistan observed windstorm in many places of the country. Moderate rainfall and thunders in upper parts of the country. Dust storm, rain and thunders is also experienced in mountain regions.</li> </ul>
<p><b>Significant Weather Features in the region for the coming week (30<sup>th</sup> May – 05<sup>th</sup> Jun 25)</b></p>	<ul style="list-style-type: none"> <li>▪ Due to the system formed in northwest Bay of Bengal, the eastern part of Bangladesh, northeast India, northern Myanmar and southern Bhutan is likely to experience heavy rainfall.</li> <li>▪ An active western disturbance over Pakistan and northwest India is moving eastward. Due to mid-latitude westerly trough no further movement of southwest monsoon can be seen in this week. This westerly trough associated thundershowers is likely to observe in western ghat, northwest and northeast India, Bangladesh, Bhutan and Myanmar.</li> <li>▪ Lightning activities are likely to be seen over the eastern coast, peninsula and northeast part of India, Bangladesh, and Myanmar.</li> <li>▪ IOD currently is neutral but on the positive side and expecting to change the direction within this monsoon.</li> </ul>
<p><b>Weather Outlook (30<sup>th</sup> May – 05<sup>th</sup> Jun 25)</b></p>	<ul style="list-style-type: none"> <li>▪ Bhutan is expecting mostly cloudy to cloudy weather with light to moderate rain with thunders and gusty winds over the country. Whereas heavy rainfall is likely to observe in southeastern region of the country.</li> <li>▪ Nepal may experience partly cloudy to generally cloudy condition throughout the country. During 1<sup>st</sup> half of the week, light to moderate rainfall is likely to observe in some places of eastern and few places of hilly region of the country. Whereas isolated</li> </ul>

	<p>heavy rainfall is expected in eastern and central region of the country. Above normal minimum and maximum temperature are expected to observe over the country.</p> <ul style="list-style-type: none"> <li>▪ Bangladesh is likely to experience moderate to heavy rain with lightning flashes and temporary gusty winds at most places of the country during the 1<sup>st</sup> half of the week. During the 2<sup>nd</sup> half, light to moderate rain with lightning flashes and temporary gusty winds is expected at a few places of the country and moderately heavy to heavy rainfall at places.</li> <li>▪ Maldives is likely to experience thundershowers over central and northern part of the country during the 1<sup>st</sup> half of the week and isolated showers are expected over the country. During the 2<sup>nd</sup> half of the week, possibility of strong winds and heavy thundershowers are likely to decrease.</li> <li>▪ Myanmar may experience moderate to heavy thundershowers with lightning activities in the Arakan coast and moderate rainfall all over the country.</li> <li>▪ Sri Lanka is expecting increase of rain and windy condition over the country. Highest rainfall is expected in the southwest part of the country.</li> <li>▪ Pakistan is likely to experience rain, windstorm and thunders over the Punjab, Khyber Pakhtunkhwa, Kashmir and Gilgit-Baltistan region.</li> </ul>
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<p><b>Extended Range Outlook</b> (30<sup>th</sup> May – 26<sup>th</sup> Jun 2025)</p>	<p>Extended Temperature outlook</p> <ul style="list-style-type: none"> <li>▪ Below normal anomalies of temperature may persist in all throughout the India and the surrounding regions for from 1<sup>st</sup> week. During 2<sup>nd</sup> week eastern India and northeast India is likely to have above normal temperature whereas other part of India, Bhutan may experience below normal temperature. On 3<sup>rd</sup> week, Peninsular India and northeast India and Bhutan is expecting below normal and central and northern India is likely to get above normal temperature. Northwest along with eastern part of India is expected to have above normal whereas rest of India and Bhutan is likely to have below normal temperature during the 4<sup>th</sup> week.</li> </ul>	<p>Extended Rainfall Outlook</p> <ul style="list-style-type: none"> <li>▪ Above normal rainfall is expected in Bangladesh, Myanmar, Bhutan and western ghat in the 1<sup>st</sup> week. Whereas during the 2<sup>nd</sup> week to 3<sup>rd</sup> week above normal rainfall is likely to have in Myanmar, Bangladesh, Nepal, Bhutan and Sri Lanka as well as below normal in 4<sup>th</sup> week.</li> </ul>
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<b>Ocean Watch</b>	<p><b>Observed Ocean Surface Conditions (23<sup>rd</sup> May – 29<sup>th</sup> May 25)</b></p> <ul style="list-style-type: none"><li>▪ A significant swell height around 08 to 16 seconds has been observed in the Arabian Sea, Bay of Bengal and equatorial Indian Ocean. Significant high wave alert has been issued for East and West Coast of India including Andaman and Nicobar Islands. Maximum significant wave height was observed around 0.5 to 4.7 meters in Bay of Bengal and Arabian Sea. Sea surface temperatures were 23 to 33 degrees centigrade in Arabian Sea, equatorial Indian Ocean and Bay of Bengal.</li></ul> <p><b>Forecast for the coming week (30<sup>th</sup> May – 05<sup>th</sup> Jun 25)</b></p> <ul style="list-style-type: none"><li>▪ Wave height is expected maximum up to 5.1 meters in western Bay of Bengal and 4.4 m in eastern Arabian Sea. The swell height is expected up to 3.6 m in western Bay of Bengal. Whereas, sea surface temperature is expected up to 32.8 degree centigrade in the western Bay of Bengal and eastern Arabian Sea.</li></ul>
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