

## Weekly SAHF Forecasters' Forum (FF)#182

Date: 7<sup>th</sup> August 2025

### Discussion Notes

<b>Realized Weather- Country Reports (1<sup>st</sup> – 7<sup>th</sup> Aug 2025)</b>	<ul style="list-style-type: none"> <li>Bhutan observed mostly cloudy to cloudy weather with moderate to heavy rainfall. Highest rainfall was recorded in the southern and southeastern part of the country. Whereas, highest maximum temperature was observed in the western region and lowest in the northern region of the country.</li> <li>Bangladesh observed mostly cloudy to cloudy weather with moderate to heavy rainfall over the most parts of the country and heavy to very heavy rainfall over the northeastern, southwestern and southeastern coastal regions.</li> <li>Maldives experienced no significant rainfall but squally showers and gusty wind over the country. Maximum wind observed over the central and southern atolls. Whereas, maximum and minimum temperatures were observed over the northern and central regions of the country.</li> <li>Nepal experienced cloudy to mostly cloudy weather with moderate to heavy rainfall and thundershowers over the country. The intense heavy rainfall was observed over southwestern Himalayan regions. Maximum temperature observed in the central region and lowest temperature was over northwestern region. Overall, below normal maximum temperature and near normal minimum temperature was observed over the country.</li> <li>Pakistan received scattered moderate to heavy rainfall in the northern and northwestern Himalayan regions. The highest rainfall observed over the central and northern regions and temperature was near normal.</li> </ul>
<b>Significant Weather Features in the region for the coming week (8<sup>th</sup> – 14<sup>th</sup> August 2025)</b>	<ul style="list-style-type: none"> <li>A mid latitude westerly system may form over Afghanistan and Pakistan region which influencing of monsoon circulation. Due to the strong south easterlies over the Gangetic Plains and Himalayan foothills, vigorous monsoon activities are going to be seen in the next week.</li> <li>Due to active monsoon circulation, a lot of precipitation may occur over peninsula India, Bihar and West Bengal, West coast of India, Northeast India, Western parts of Pakistan, Nepal, Bhutan, Northeastern and southern parts of Bangladesh, Myanmar, and Sri Lanka and Maldives. This heavy rainfall and cloudburst may cause valley flood or flashflood in the pockets of these countries.</li> <li>MJO is supporting the monsoon circulation and it may continue till 26<sup>th</sup> August. IOD is currently neutral range to negative phase which may continue till December. Whereas La Nina is neutral and intensified from earlier 0.1 to -0.4 and may prevail till January 2026.</li> </ul>
<b>Weather Outlook (8<sup>th</sup> Aug – 14<sup>th</sup> Aug 2025)</b>	<ul style="list-style-type: none"> <li>Bhutan is expecting mostly cloudy to cloudy weather with moderate to heavy rainfall and thunderstorms over the country.</li> <li>Bangladesh is likely to experience moderate to heavy rainfall with thunderstorms in most places and heavy to very heavy rainfall and gusty winds over the southern and southeastern parts of the country. Day and night temperature may remain unchanged.</li> <li>Nepal may experience moderate to heavy rainfall over most regions. Whereas some pockets of western and southwestern hilly region may receive heavy to very heavy rainfall with lightning flashes during this week.</li> <li>Maldives is likely to experience mostly fair weather in the 1<sup>st</sup> half of the week and from the 2<sup>nd</sup> half, light to moderate rainfall may experience across the country.</li> <li>Much of Myanmar is likely to experience light to moderate rainfall whereas, Arakan coast, southern and southwestern coastal regions may receive heavy to very heavy rainfall.</li> <li>Sri Lanka may experience mostly windy and cloudy weather with moderate to heavy rainfall and thundershowers across the country.</li> </ul>

	<ul style="list-style-type: none"> <li>Pakistan is likely to experience heavy to very heavy rainfall over the Kashmir, Panjab and southeastern regions, northern and northwestern hilly regions with chances of flashflood and landslide.</li> </ul>	
<b>Extended Range Outlook</b> <b>(8<sup>th</sup> Aug – 6<sup>th</sup> Sep 2025)</b>	<b>Extended Temperature outlook</b> <ul style="list-style-type: none"> <li>Near normal temperature may persist over most part of the South Asian region in the 1<sup>st</sup> to 3<sup>rd</sup> week and in the 4<sup>th</sup> week. Northwestern Himalayan regions, Nepal, Bhutan, and Northern part of Bangladesh may observe above normal mean maximum temperature.</li> <li>Also, the minimum temperature is expected to be near normal around all over the Indian subcontinent.</li> </ul>	<b>Extended Rainfall Outlook</b> <ul style="list-style-type: none"> <li>On the week 1, Afghanistan, Pakistan, Northwestern and West Bengal part of India, South and Southwestern regions of Nepal and Bangladesh may receive below normal rainfall. From week 2 and onward most regions of the South Asia may receive above normal rainfall, except West Bengal part of India, Southeastern Nepal, Bhutan and Bangladesh.</li> </ul>
<b>Ocean Watch</b>	<b>Observed Ocean Surface Conditions (1<sup>st</sup> – 7<sup>th</sup> Aug 2025)</b> <ul style="list-style-type: none"> <li>Swell height ranges from 0.3-2 meter per second was observed in the Arabian Sea and Bay of Bengal. Maximum significant wave height was observed up to 0.5-3.8 meters in Bay of Bengal and Arabian Sea and Indian Ocean. Sea Surface Temperatures were ranges from 23 to 31.5 degrees centigrade in the Arabian Sea, the equatorial Indian Ocean, and Bay of Bengal.</li> </ul> <b>Forecast for the coming week (8<sup>th</sup> – 14<sup>th</sup> Aug 2025)</b> <ul style="list-style-type: none"> <li>Significant wave height is expected up to 0.5 to 5.7 meters in the Arabian Sea and 1 to 2.7 meters in the Bay of Bengal. The swell height is expected around 18 to 20 meter per second in Bay of Bengal and 12 to 14 in Arabian Sea. Whereas, Sea Surface Temperature is expected up to 29 to 31 degree centigrade in the Bay of Bengal and Arabian Sea.</li> </ul>	