



## Weekly SAHF Forecasters' Forum (FF)#132

Date: 22 August 2024

### Discussion Notes

<p><b>Realized Weather-Country Reports (16-22 Aug. 24)</b></p>	<ul style="list-style-type: none"> <li>▪ Much of Bhutan experienced mostly cloudy with moderate to heavy rainfall and convective thunderstorms.</li> <li>▪ While Maldives mostly experienced heavy rainfall with gusty wind. Myanmar had widespread heavy to very heavy rainfall over the southeastern whereas the northern regions received thundershowers.</li> <li>▪ Much of Nepal experienced cloudy weather with light to moderate rainfall and isolated heavy to very heavy rainfall in some places.</li> <li>▪ Pakistan experienced mostly moderate to heavy rainfall and thunderstorm, mainly in the southeastern and central regions. While Bangladesh experienced heavy to very heavy rainfall over the south-southeastern and northeastern part of the country.</li> <li>▪ Sri Lanka experienced light rainfall and scattered thundershowers mainly in the southwestern provinces.</li> </ul>
<p><b>Significant Weather Features in the region for the coming week (23-29 Aug. 24)</b></p>	<ul style="list-style-type: none"> <li>▪ The Monsoon trough is in the active condition and positioned north of its normal position. It is likely to remain near its normal position during most days of the week.</li> <li>▪ Cyclonic circulations prevailing over the Gangetic plain and adjoining regions.</li> <li>▪ Convective systems persisting across much of the southern foothills of the Himalayas.</li> </ul>
<p><b>Weather Outlook (23-29 Aug. 24)</b></p>	<ul style="list-style-type: none"> <li>▪ Widespread heavy to very heavy rainfall is likely over much of Bangladesh specially over south-southeastern and central regions of the country.</li> <li>▪ Much of Bhutan is likely to experience scattered light rainfall to moderate rainfall with thunderstorm in most of the places.</li> <li>▪ Maldives is likely to experience light rainfall with normal wind shear in most of the places of the country.</li> <li>▪ Widespread heavy rainfall and thundershowers are likely over much of the places of Myanmar.</li> <li>▪ Much of Nepal is likely to experience scattered moderate to heavy rainfall with isolated thunderstorms.</li> <li>▪ Sri Lanka is likely to experience scattered light to moderate rainfall over the southern provinces and isolated thunderstorm some other places.</li> <li>▪ Pakistan is likely to experience scattered light to moderate rainfall with thunderstorm.</li> </ul>

<p><b>Ocean Watch</b></p>	<p><b>Observed Ocean Surface Conditions (16-22 Aug. 24)</b></p> <ul style="list-style-type: none"> <li>▪ Almost normal and no significant events were reported.</li> </ul> <p><b>Forecast for the coming week (23-29 Aug. 24)</b></p> <ul style="list-style-type: none"> <li>▪ Normal seas are likely to prevail along the coastal areas of Maldives, West Bengal and Bangladesh except Sri Lanka and Myanmar coast over the week.</li> </ul>
<p><b>Lecture Series: Mid-season review of the Southwest Monsoon 2024</b></p>	<p>A special lecture series on the “Mid-season Review of Monsoon 2024” was conducted in conjunction with the Forum. The lecture was led by Dr. Suryachandra Rao, Senior Scientist at IITM, India and focused on the performance of the monsoon up until mid-August 2024, as well as the challenges in predicting and monitoring associated extremes. The key points discussed were:</p> <ul style="list-style-type: none"> <li>▪ Except for June, the South Asia region as a whole received above-normal rainfall in July and August.</li> <li>▪ The need for monsoon forecasts to be initialized in spring, despite the strong association with ENSO.</li> <li>▪ The impact of reduced ENSO variability and amplitude on ISMR prediction in the long-lead forecasts of the monsoon mission CFS.</li> <li>▪ ENSO-neutral conditions during June, July, and August, with the build-up of cold SST anomalies during July, August, and September (weak La Niña type conditions). La Niña is expected to emerge during September-November and persist through the Northern Hemisphere winter of 2024-2025.</li> </ul>