



## Weekly SAHF Forecasters' Forum (FF)#149

Date: 19th December 2024

### Discussion Notes

<p><b>Realized Weather-Country Reports (13-19 Dec. 24)</b></p>	<ul style="list-style-type: none"> <li>▪ Most part of Bhutan experienced mostly cloudy and dry weather with decreasing temperature.</li> <li>▪ Whereas Nepal received light to moderate rainfall over the western Himalayas region along with light snowfall. Also, dry and foggy condition prevailed over southern valley during morning and night time.</li> <li>▪ While Bangladesh experienced mainly cloudy to partly cloudy over the country due to the low pressure over the northern Bay of Bengal and light to moderate fog over the northern and northeastern region during early morning.</li> <li>▪ Maldives experienced a significant amount of rainfall and coastal flooding over the south-western provinces due to a low-pressure system over Arabian Sea.</li> <li>▪ While Myanmar experienced scattered light rainfall over the northern and eastern regions of the country with falling temperature.</li> <li>▪ While Sri Lanka observed heavy to very heavy rainfall with thunderstorm over the northern and southeastern provinces received significant rainfall.</li> <li>▪ Due to the active mid-latitude westerly trough Afghanistan experienced first snowfall of the year it has also extended towards Pakistan.</li> </ul>
<p><b>Significant Weather Features in the region for the coming week (20 – 26 Dec. 24)</b></p>	<ul style="list-style-type: none"> <li>▪ An active northeast monsoon may persist and the mid-latitude westerly trough may influence rainfall, snowfall and fog over the hill states of Northwestern regions of Pakistan, India, Nepal, Bhutan and Bangladesh in the coming week.</li> <li>▪ A low-pressure is expected to develop in the Eastern Bay of Bengal which may not intensify further.</li> <li>▪ Due to a low-pressure system over Arabian Sea significant amount of precipitation over the southwestern part of the peninsula, Kerala, a few western provinces of Maldives and Sri Lanka.</li> <li>▪ Due to dry weather air pollution may persist over Northwestern Indian regions, Pakistan, Bhutan and Nepal and Bangladesh.</li> </ul>
<p><b>Weather Outlook (20 Dec – 26 Dec. 24)</b></p>	<ul style="list-style-type: none"> <li>▪ Much of Bhutan is likely to experience partly to mostly cloudy and light snowfall in the northern hilly regions of the country due to the western disturbance.</li> <li>▪ Much of Myanmar may experience mostly fair weather with light rainfall and decreasing temperature may persists over the country.</li> <li>▪ High altitude of hilly and mountainous region of Nepal may experience partly cloudy condition. Also, there is a chance of light snowfall and rainfall in the high hilly and mountainous region of the country. Morning fog and mist condition is expected in the southern part of the country, there is a chance of a slightly decrease in maximum immune temperature for the upcoming weeks.</li> <li>▪ Maldives is likely to experience gusty wind and scattered heavy rainfall. Whereas Sri Lanka is likely to experience light to moderate evening thundershowers is likely to occur in the southeastern regions due to the influence of the low-pressure system.</li> <li>▪ Much of Bangladesh is likely to experience mostly cloudy with possibility of light to moderated rainfall over the south, southeastern and central part of the country and northern region may experience foggy weather.</li> <li>▪ While Pakistan is likely to observe significant rainfall due to the western disturbance over northwestern region and snowfall over the North eastern hilly regions and moderate to heavy fog.</li> </ul>

**Ocean Watch**

**Observed Ocean Surface Conditions (13 -19 Dec. 24)**

- A slightly high current observed over East coast of India specially Andhra Pradesh, Odisha, Tamil Nadu and coastal regions of Sri Lanka and Maldives.

**Forecast for the coming week (20 – 26 Dec. 24)**

- Slightly high swell heights may expect over the eastern coastal regions of India, some coastal areas of Bangladesh, Myanmar, Maldives and east coast of Sri Lanka.