



## Weekly SAHF Forecasters' Forum (FF)#155

Date: 30<sup>th</sup> January 2025

### Discussion Notes

<p><b>Realized Weather-Country Reports (24<sup>th</sup> – 30<sup>th</sup> Jan. 25)</b></p>	<ul style="list-style-type: none"> <li>▪ Bhutan experienced partly to mostly cloudy with light rainfall over the southern and south western part of the country. Highest temperature has been observed over the southern part of the country whereas lowest minimum temperature experienced over northern region.</li> <li>▪ While Nepal experienced Partly cloudy conditions in the hilly region of the country, and mainly fair conditions over rest of the part of the country. Light rainfall and snowfall were observed at one or two places of high hilly and mountainous of regions the country. Overall, below normal rainfall was observed during the last week. Both maximum and minimum temperature was observed above normal for most part of the country, except the southern part, where slightly decreasing maximum and minimum temperature was observed.</li> <li>▪ While Bangladesh experienced no significant cold wave but moderate to dense fog over the country northern and northwestern part of the country during late night and early morning.</li> <li>▪ Maldives experienced scattered heavy rainfall with gusty wind due a cyclonic circulation mainly over central and southern regions.</li> <li>▪ Much of Sri Lanka basically northcentral and northeastern regions of the country received heavy rainfall. Likewise, mostly the Eastern and northern parts received much of the rainfall due to the active monsoon conditions and the circulation.</li> </ul>
<p><b>Significant Weather Features in the region for the coming week (31<sup>st</sup> Jan – 6<sup>th</sup> Feb. 25)</b></p>	<ul style="list-style-type: none"> <li>▪ An active mid-latitude westerly trough is going to be more pronounced and likely to give more rainfall, snowfall and fog over the hill states of Northwestern regions of Afghanistan, Pakistan, Northwest and Central part of India, Western Himalayan regions of Nepal, Bhutan and Bangladesh in the coming week. Temperature may fall over the peninsula regions and visibility may decrease due to cloudy and foggy weather.</li> <li>▪ Due the active and stronger equatorial westerly wave easterly wave may weaken and rainfall over Sri Lanka and Maldives may reduce this week.</li> </ul>
<p><b>Weather Outlook (31<sup>st</sup> Jan – 6<sup>th</sup> Feb. 25)</b></p>	<ul style="list-style-type: none"> <li>▪ Much of Bhutan is likely to experience mostly to partly cloudy with isolated light rainfall and snowfall over high altitudes and mountainous regions. And temperature may experience unchanged and no much difference from the last week.</li> <li>▪ While Nepal may experience partly cloudy conditions in the hilly and mountainous regions of the country, and mainly fair conditions over the rest part of the country. There is a chance of snowfall and rainfall over the western hilly region during the mid of the week. And both maximum and minimum temperature is expected to be slightly above normal for the upcoming weeks as well.</li> <li>▪ Maldives is likely to experience partly to mostly cloudy weather with scattered showers light wind gust in some places also hazy low visibility condition over the country.</li> <li>▪ Much of Myanmar may experience dry weather except Northeastern region which may get light rainfall.</li> <li>▪ Whereas Sri Lanka is likely to experience light to moderate scattered rainfall with thundershowers southwestern and central regions due to the influence north eastern monsoon.</li> <li>▪ Much of Bangladesh is likely partly to mostly cloudy with light rainfall over the northern and northwestern region of the country. Moreover, mild to moderate cold</li> </ul>

	<p>wave is expected with moderate to dense fog at many places of the country during the last half of the week.</p> <ul style="list-style-type: none"> <li>▪ While Pakistan is likely to experience scattered rainfall over the northeastern and adjoining regions. Moreover, light to moderate snowfall may also continue to occur over the western hilly regions.</li> </ul>
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<p><b>Extended Range Outlook (31<sup>st</sup> Jan 2025 – 28 Feb. 2025)</b></p>	<p>Extended Temperature outlook</p> <ul style="list-style-type: none"> <li>▪ Most of the countries of Northwestern part of South Asia especially northwestern India, Pakistan, and Afghanistan, Nepal, Bhutan and Bangladesh would experience normal and above normal temperature till 28<sup>th</sup> February and a few regions of Afghanistan and Northwestern regions of Pakistan may get below normal temperature during this period.</li> </ul>	<p>Extended Rainfall Outlook</p> <ul style="list-style-type: none"> <li>▪ Only a few significant amounts of rainfall and snowfall is expected around the equatorial Northwestern foothill of Himalayan is expected in the 1<sup>st</sup> week due to an anticyclone over the Bay of Bengal and north-eastern part of India as well as the central north-western parts of India. But from 2<sup>nd</sup> week and onward no significant activity is expected over the peninsular India but Sri Lanka, Maldives and most of the southern parts of India, basically Tamil Nadu and would likely to get good amount of rainfall because of active northeastern monsoon in week 2<sup>nd</sup> to 4<sup>th</sup>.</li> </ul>
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<p><b>Ocean Watch</b></p>	<p><b>Observed Ocean Surface Conditions (24<sup>th</sup> – 30<sup>th</sup> Jan. 25)</b></p> <ul style="list-style-type: none"> <li>▪ No significant wave height and swell surge observed coastal regions northern Indian Ocean and Arabian Sea.</li> </ul> <p><b>Forecast for the coming week (31<sup>st</sup> Jan – 6<sup>th</sup> Feb. 25)</b></p> <ul style="list-style-type: none"> <li>▪ A normal wave height, and surges are expected over the southern coastal regions of Southern North, Southern Indian Ocean and some coast of Sri Lanka and Maldives.</li> </ul>
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