



Weekly SAHF Forecasters' Forum (FF)#151

Date: 2nd January 2025

Discussion Notes

<p>Realized Weather-Country Reports (27 Dec. 24. – 2 Jan. 25)</p>	<ul style="list-style-type: none"> ▪ Bhutan experienced partly cloudy weather and light snowfall over northern with no rainfall overall. At the southern region highest temperature observed whereas most part of the country experienced decreasing temperature. ▪ While Nepal experienced mostly cloudy weather and received light rainfall in the western hilly regions and light to moderate snowfall over the western Himalayan regions. A prolonged segment of fog observed over the southern plains. ▪ While Bangladesh experienced dense fog all over the country except the coastal districts of Southern and southeastern regions. ▪ Myanmar experienced scattered light rainfall over the eastern regions of the country along with decreasing temperature. ▪ Maldives experienced a heavy to very heavy rainfall due a cyclonic circulation mainly over central and some northern regions. Apart from that, there was a strong wind prevailing in central and southern part of the country.
<p>Significant Weather Features in the region for the coming week (3rd – 9 Jan. 25)</p>	<ul style="list-style-type: none"> ▪ 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. Temperature may fall over the peninsula regions. ▪ Due to active easterly wave dense fog may reduce visibility over the regions. Air pollution may persist over Northwestern Indian regions, Pakistan, Bhutan and Nepal and Bangladesh.
<p>Weather Outlook (3rd – 9 Jan. 25)</p>	<ul style="list-style-type: none"> ▪ Much of Bhutan is likely to experience partly cloudy and light snowfall over the northern hilly part and high altitudes of the country due to the western disturbance. ▪ Much of Myanmar may experience mostly fair weather with light rainfall and decreasing temperature may persists over the country. ▪ While Nepal may experience partly cloudy to generally cloudy condition in hilly and mountainous area and partly cloudy to mainly clear in the remaining places. At the end of the week, light rainfall and light snowfall is expected to occur in high mountainous region of the country. Both maximum and minimum temperature are likely to increase slightly till the mid of the week. And in the end of the week, both are likely to slightly decrease. Also, foggy weather may remain over the southern regions. ▪ Maldives is likely to experience severe weather condition a strong wind is likely to persist due to prevailing easterly wave with rainfall. ▪ Much of Myanmar may experience dry weather condition with decreasing temperature. ▪ Whereas Sri Lanka is likely to experience light evening thundershowers in the southeastern regions due to the influence active north eastern monsoon along with wind gust. ▪ Much of Bangladesh is likely to experience light rainfall over northern part of the country and weather remain dry and unchanged elsewhere. Also, there is a chance of light to moderate fog at many places of the country. ▪ While Pakistan is likely to experience persisting isolated light rainfall over the northeastern and adjoining regions. Moreover, light snowfall may also continue to occur over the western hilly regions due to the western disturbance. Foggy weather and temperature fall also may observe.

Ocean Watch

Observed Ocean Surface Conditions (27 Dec. 24. – 2 Jan. 25)

- Normal waves and swell surge observed over most coastal regions of South Asia except Maldives where northern regions experienced high waves

Forecast for the coming week (3rd – 9 Jan. 25)

- No Significant wave height, and surges are expected over the coastal regions of Tamil Nadu, Chennai coast and some southeastern coastal region coastal regions of Sri Lanka and Maldives.