



Weekly SAHF Forecasters' Forum (FF)#147

Date: 5th December 2024

Discussion Notes

<p>Realized Weather-Country Reports (29 Nov. -5 Dec. 24)</p>	<ul style="list-style-type: none"> ▪ Most part of Bhutan experienced dry weather with light snowfall and morning fog. ▪ Whereas Nepal received light to moderate rainfall over the western Himalayas region and dry and foggy condition over southern valley during morning and night time. ▪ While much of Bangladesh experienced cloudy to partly cloudy over the southwestern and central regions, light to moderate fog over the northern and northeastern region during early morning. ▪ Maldives experienced isolated light rainfall with moderately gusty wind over the central and northern areas of the country. Also, an exceptional air pollution case has been observed over the southern part of the country. ▪ While Myanmar experienced mostly dry weather except light rainfall over the Eastern provinces and temperature drop. ▪ Much Sri Lanka experienced scattered heavy to very heavy rainfall over all across the country and gusty wind with coastal surge over the eastern coastal provinces due to the cyclone Fangel. ▪ Whereas Pakistan experienced scattered light to moderate rainfall over the western and northwestern and experienced first snowfall due to the active western disturbances. ▪ A heavy rainfall associated with cyclone Fangel observed over Chennai and Sri Lanka and Northeastern coast of Tamil Nadu.
<p>Significant Weather Features in the region for the coming week (6 Dec – 12 Dec. 24)</p>	<ul style="list-style-type: none"> ▪ An active northeast monsoon may persist and the mid-latitude westerly trough may influence rainfall and snowfall over the Northwestern peninsular in the coming week. ▪ A low-pressure is expected to develop in the Bay of Bengal and a potential impact could be on South Chennai, Tamil Nadu and Northern Provinces of Sri Lanka. ▪ Due to dry weather air pollution may persist over Northwestern Indian regions, Pakistan, Bhutan and Nepal. A segment of persistent fog/smog may also observe over North western India, Nepal, Bhutan, and Bangladesh.
<p>Weather Outlook (6 Dec Nov– 12 Dec. 24)</p>	<ul style="list-style-type: none"> ▪ Much of Bhutan is likely to experience mostly fair weather with morning fog/smog and snowfall over northeastern regions of Bhutan. ▪ Much of Myanmar may experience no significant weather, mostly dry and decreasing temperature may persists over the country. ▪ Much of Nepal is likely to experience dry weather condition and light to moderate snowfall over the western hilly region. Along with that most part of the southern valley region may experience morning valley fog. ▪ Maldives is likely to experience fair weather with a slightly gusty wind and scattered light rainfall. Whereas Sri Lanka is likely to experience scattered light to moderate rainfall and gusty wind over the country northeastern coastal regions. ▪ Much of Bangladesh is likely to experience dry weather, 1-2 degree of temperature drop. ▪ While Pakistan is likely to observe isolated light rainfall due to the western disturbance over northwestern region and snowfall over the Eastern hilly region.

<p>Extended Range Outlook (6 Dec. 2024 – 2 Jan. 2025)</p>	<p>Extended Temperature outlook</p> <ul style="list-style-type: none"> ▪ Most of the countries of Northwestern part of South Asia especially northwestern India, Pakistan, and Afghanistan would initially experience below-normal temperatures in coming weeks. 	<p>Extended Rainfall Outlook</p> <ul style="list-style-type: none"> ▪ Significant amount of rainfall amount is expected around the equatorial Indian Ocean. Sri Lanka, Maldives and most of the southern parts of India, basically Tamil Nadu and because of active northeastern monsoon in week 1-3.
<p>Ocean Watch</p>	<p>Observed Ocean Surface Conditions (29 Nov. – 5 Dec. 24)</p> <ul style="list-style-type: none"> ▪ Significant high waves and swell surge observed over the coastal regions of Southern Coastal regions of India, East Coast of Sri Lanka due to cyclone Fengal. And due to the high surge dam and bridges broke done causing flashflood in Tamil Nadu. <p>Forecast for the coming week (6 – 12 Dec. 24)</p> <ul style="list-style-type: none"> ▪ Not much significant wave height, and surges are expected but the coastal regions of Tamil Nadu, South Chennai and Northern coastal provinces of Sri Lanka need to be watchful. 	