

Weekly SAHF Forecasters' Forum (FF)#156

Date: 6th February 2025

Discussion Notes

<p>Realized Weather-Country Reports (31st Jan – 6th Feb. 25)</p>	<ul style="list-style-type: none"> ▪ Bhutan observed partly to mostly cloudy weather with isolated light rainfall and the highest rainfall recorded in the northern part of the country. Highest temperature has been observed over the southern part of the country whereas lowest minimum temperature experienced over northern region. ▪ While Nepal experienced light rainfall in some stations of western and far western parts of Nepal. Light snowfall occurred a few places of high altitude hilly and mountainous regions of Nepal. Both maximum and minimum temperatures were above normal. ▪ While Bangladesh experienced temporary partly cloudy and dry weather with no significant cold wave but moderate to dense fog over the country during late night and early morning. Above normal maximum and minimum temperatures were experienced over the week. ▪ Maldives experienced dry weather condition with slightly above normal temperature and hazy condition caused low visibility. ▪ Much of Sri Lanka received mostly dry weather except some isolated thunderstorms over the southwestern part of the country. ▪ Whereas Myanmar observed isolated light rainfall over most of the regions including northern, southern, central and eastern regions. Moreover, minimum temperature was observed over the southern and maximum temperature was recorded over the western regions.
<p>Significant Weather Features in the region for the coming week (7th -13th Feb. 25)</p>	<ul style="list-style-type: none"> ▪ An anti-cyclonic trough has formed over the Hindu Kush Himalayan regions which may lead to the mid-latitude westerly trough a little bit slower and likely to give rainfall, snowfall and fog over the hilly regions of Nepal, Bhutan, Eastern regions of India and Myanmar. Temperature may rise over the peninsula regions, East India, Central India and North India. Due to anti cyclone coastal and southern hilly regions may experience foggy weather.
<p>Weather Outlook (7th -13th Feb. 25)</p>	<ul style="list-style-type: none"> ▪ Much of Bhutan is likely to experience mostly to partly cloudy with isolated light rainfall and snowfall over high altitudes and mountainous regions. ▪ While Nepal may experience partly cloudy in the hilly region of the country. And there is a chance of light snowfall in few places of mountainous and high region. Moreover, the maximum and minimum temperature may slightly increase. ▪ Maldives is likely to experience isolated scattered showers with light wind gust in and high wave over the eastern coastal regions of the country. ▪ Much of Myanmar may experience isolated light rainfall over the northeastern regions and a slightly decreasing temperature which may get light rainfall. ▪ 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. ▪ Much of Bangladesh is likely to experience a slightly falling temperature during first half of the week, which may likely to rise over the country from the second half of the week. Along with temperatures, moderate to thick fog may occur over the river basins of the country, and light to moderate at places elsewhere of the country.

<p>Extended Range Outlook (6th Feb 2025 – 6th Mar. 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, Nepal, Bhutan and Bangladesh would experience above normal temperature till 6th March and a few regions of Afghanistan and Northwestern regions of Pakistan may get near normal temperature during this period. 	<p>Extended Rainfall Outlook</p> <ul style="list-style-type: none"> Only a few significant amounts of rainfall and snowfall is expected foothill of Himalayan in the 1st week due to an anticyclone north-eastern part of India as well as the central north-western parts of India. But from 2nd 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 less amount of rainfall in week 2nd to 4th.
<p>Ocean Watch</p>	<p>Observed Ocean Surface Conditions (31st Jan. – 6th Feb. 25)</p> <ul style="list-style-type: none"> Swell alert has been issued for the Southern Coastal regions India and coastal regions of Bay of Bengal. Wave heights around 2-2.4 meters per second has been observed. <p>Forecast for the coming week (7th -13th Feb. 25)</p> <ul style="list-style-type: none"> A normal swell height is expected in the Bay of Bengal and Arabian Sea and other regions. Normal wave heights around 2.5 to 2.6 meters wave height is expected over the southern coastal regions of Southern North, Southern Indian Ocean and some coast of Sri Lanka and Maldives. Though a system is forming over the Southern Indian Ocean but that may not impact coastal regions. 	