

Weekly SAHF Forecasters' Forum (FF)#158

Date: 20th February 2025

Discussion Notes

Realized Weather-Country Reports (13th Jan – 20th Feb. 25)	<ul style="list-style-type: none"> While Bangladesh experienced temporary partly cloudy and light rainfall 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 mostly dry weather condition but a few scattered thundershowers with slightly above normal temperature. Much of Sri Lanka received mostly dry weather except some moderate thunderstorms over the southwestern part of southern provinces of the country. Pakistan experienced mostly light to moderate rainfall over the southeastern regions near the border of Afghanistan. Whereas light snowfall reported over the northern most areas of the country.
Significant Weather Features in the region for the coming week (20th -27th Feb. 25)	<ul style="list-style-type: none"> A mid-latitude trough is forming and may approach around 22nd to 23rd and onward over Afghanistan and the hilly areas of the high-latitude due to which these areas may receive rainfall and snowfall. Another 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 and snowfall over Nepal, Bhutan, Eastern regions of India and Myanmar. Temperature may rise over the peninsula regions, East India, Central India and North India and most part of the South Asia. Also due to active Northeastern monsoon, Sri Lanka, Southern Peninsula India, southern part of Maldives may receive widespread thundershowers.
Weather Outlook (20th -27th Feb. 25)	<ul style="list-style-type: none"> Much of Bhutan is likely to experience mostly to partly cloudy with isolated light thundershowers over the southern regions 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, light to moderate isolated thundershowers may occur, and the maximum and minimum temperature may slightly increase. Maldives is likely to experience scattered moderate to heavy thundershowers with light wind gust. Much of Myanmar may experience isolated light rainfall with thunderstorms over the northeastern and central regions and a slightly rising temperature. 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. While Pakistan may receive heavy rainfall and snowfall over the high latitudes of Khyber Pakhtunkhwa region and light to moderate rainfall over the southernmost regions of the country. Also, above normal maximum and minimum temperature may experience during this week. Much of Bangladesh is likely to experience a slightly rising temperature during first half of the week. Along with temperatures, light to moderate widespread thunderstorms may experience all over the country.

<p>Extended Range Outlook (20th Feb 2025 – 18th 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 20th 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"> Significant amounts of rainfall with thunderstorms and snowfall are expected foothill of Himalayan in the 1st and 2nd week due to an anticyclone north-eastern part of India as well as the central north-western parts of India even Sri Lanka, Maldives and most of the southern parts of India, basically Tamil Nadu.
<p>Ocean Watch</p>	<p>Observed Ocean Surface Conditions (13th – 20th Feb. 25)</p> <ul style="list-style-type: none"> No significant wave height has been observed and maximum was around 16 to 17 seconds for some areas. Swell heights was also observed normal around 1.4 meters per second. <p>Forecast for the coming week (20th -27th 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 1.2 to 1.3 meters wave height is expected over the southern coastal regions of Southern North, Southern Indian Ocean and some coast of Sri Lanka and Maldives. 	