

Weekly SAHF Forecasters' Forum (FF)#159

Date: 27th February 2025

Discussion Notes

<p>Realized Weather-Country Reports (20th - 27th Feb. 25)</p>	<ul style="list-style-type: none"> While Bangladesh experienced light to moderate rainfall with thunderstorm. No significant cold wave but light to moderate fog over the country during late night and early morning has been observed. Almost unchanged temperature observed over the country. Nepal experienced mostly cloudy condition with light to moderate rainfall over the hilly and eastern regions whereas fair weather over the rest of the part of the country. Also, light snowfall received over the hilly and mountainous areas of the country. Maldives experienced mostly fair-weather condition except a few scattered thundershowers with slightly above normal temperature over the southern and central regions. Much of Sri Lanka received mostly warm and dry weather except some localized thunderstorms over the southeastern provinces of the country. Pakistan experienced moderate to heavy rainfall over the over most part of the country specially Panjab and Sindh regions. Whereas Myanmar experienced isolated to widespread rainfall most part of the country including southern eastern and northern part. Moreover, minimum temperature experienced over the central and eastern part of the country.
<p>Significant Weather Features in the region for the coming week (28th Feb. -6th Mar. 25)</p>	<ul style="list-style-type: none"> 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 and heavy rainfall.
<p>Weather Outlook (28th Feb. -6th Mar. 25)</p>	<ul style="list-style-type: none"> Much of Bhutan is likely to experience mostly to partly cloudy with isolated light to moderate 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 to moderate rainfall and snowfall in few places of mountainous and high region due to the westerly. Moreover, maximum and minimum temperature may slightly decrease and gradually increase after the passage of the system. Maldives is likely to experience scattered to heavy showers with thunderstorm across the country in the first half of the week. And 2nd half of the week mainly remain fair weather. Much of Myanmar may experience isolated light to scattered rainfall with thunderstorms over the Northern, Southern and Central regions. Whereas Sri Lanka is likely to experience moderate to heavy scattered rainfall with thundershowers over most regions of the country in the 1st half of the week. Whereas, rainfall may decrease and temperature may rise from the 2nd half of the week. While Pakistan may receive heavy rainfall over the high latitudes of Khyber Pakhtunkhwa region and light to moderate rainfall over the southernmost regions of

	<p>the country due to the westerly.</p> <ul style="list-style-type: none"> ▪ Much of Bangladesh is likely to experience a slightly rising temperature. Along with temperatures, light to moderate widespread thunderstorms may experience all over the country. 	
Extended Range Outlook (27th Feb. – 27th Mar. 2025)	<p>Extended Temperature outlook</p> <ul style="list-style-type: none"> ▪ Most of Northwestern part of India, Central and Northernmost regions are expected to below normal whereas Nepal, Bhutan and Tibetan Plateau are expected to experience above normal maximum temperature on week 1 and 2. ▪ Much of week 3 and 4 are expected to be near normal to below normal maximum temperature. 	<p>Extended Rainfall Outlook</p> <ul style="list-style-type: none"> ▪ Above normal rainfall with thunderstorms and snowfall are expected foothill of Himalayas and southwestern regions of Indo Gangetic Plain in week 1, 2, and 3. From week 4 rainfall intensity is expected to reduce. Whereas southern equatorial regions such as Sri Lanka, Maldives and most of the southern parts of India, basically Tamil Nadu are also expected above normal rainfall during the whole period.
Ocean Watch	<p>Observed Ocean Surface Conditions (20th – 27th Feb. 25)</p> <ul style="list-style-type: none"> ▪ Normal swell height observed around 1.2 to 1.3 meters per second. And no significant wave height has been observed and maximum was around 2.4 meters per second. And sea surface temperature observed around 26-28 degree centigrade. <p>Forecast for the coming week (27th Feb. -6th Mar. 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 1.7 to 1.8 meters wave height is expected over the southern coastal regions of Southern North, Southern Indian Ocean and some coast of Sri Lanka and Maldives. Also, sea surface temperature is expected to be 29-30 degree centigrade. 	