

Weekly SAHF Forecasters' Forum (FF)#106

Date: 22 February 2024

Discussion Notes

<p>Realized Weather-Country Reports (16-22 Feb. 24)</p>	<ul style="list-style-type: none"> ▪ Pakistan experienced good amount of rain over the north parts with isolated heavy rain over some places. Moderate to heavy snowfall was experienced over the highland areas. ▪ Much of Myanmar experienced dry weather conditions with scattered rainfall over isolated places in the northern and southern parts of the country. ▪ Sri Lanka experienced light rain over some places in the southwest, east and northeast parts of the country with much of places over country experiencing hot weather conditions. ▪ Maldives experienced heavy showers and thunderstorms mainly in the southern region of the country with rest of the country experiencing scattered rain and thunderstorms. 	
<p>Significant Weather Features in the region for the coming week (23-29 Feb. 24)</p>	<ul style="list-style-type: none"> ▪ The Western Disturbances with trough in lower tropospheric westerlies run along Long. 77°E to the north of Lat. 30°N. ▪ An induced cyclonic circulation lies over northwest Uttar Pradesh & neighbourhood in lower tropospheric levels. ▪ A weak easterly wave is likely to persist over Sri Lanka, Maldives and adjoining areas. 	
<p>Weather Outlook (23-29 Feb. 24)</p>	<ul style="list-style-type: none"> ▪ Pakistan is likely to experience snow/rain over the northern region of the country. ▪ Bhutan and Nepal are likely to experience cloudy weather conditions with scattered light/moderate rain/snow over the northern and high hilly places with rain over some isolated places. ▪ Bangladesh is likely to remain dry with scattered rain over some places and Myanmar is likely to experience mainly dry weather conditions with isolated rain over some places. ▪ Maldives and Sri Lanka are likely to experience scattered light/moderate rain/thundershowers over some places. Also, strong winds are likely over the Maldives. 	<p>Extended Range Outlook (until 06 March 2024)</p> <ul style="list-style-type: none"> ▪ The western Himalayan region including highland areas of Bhutan, Nepal, and northeast India likely to experience rain/snow with rest of the South Asia likely to experience less rain activity towards the week ending of 06 March.
<p>Ocean Watch</p>	<p>Observed Ocean Surface Conditions (16-22 Feb. 24)</p> <ul style="list-style-type: none"> ▪ No significant events were reported during the week. <p>Forecast for the coming week (23-29 Feb. 24)</p> <ul style="list-style-type: none"> ▪ Normal sea conditions are likely to prevail over the week. 	

**Lecture Series 1-
ENSO, Ocean
Warming and
Monsoon**

A lecture series 1 of 2024 was conducted. Dr. Roxy M Koll, IITM discussed the intricate interplay between ENSO, ocean warming, and the monsoon. Furthermore, his talk delved into the significance of understanding these interactions to enhance seasonal climate forecasts and devise effective adaptation strategies to mitigate the impacts of climate variability and change on monsoon-dependent regions.