

Weekly SAHF Forecasters' Forum (FF)#119

Date: 23 May 2024

Discussion Notes

<p>Realized Weather-Country Reports (17-23 May 24)</p>	<ul style="list-style-type: none"> ▪ Bhutan experienced mostly cloudy weather conditions with light/moderate rain/thundershowers across much of the country. ▪ Bangladesh and Myanmar experienced fairly widespread to widespread rain/thundershowers, while some places in these countries experienced increasing daytime temperatures. ▪ Maldives experienced widespread rain/thundershowers with strong winds throughout the week. Moderate to strong Monsoon currents prevailed over the country. ▪ Nepal experienced scattered light/moderate rain/thundershowers, while some parts of the country experienced increasing daytime temperatures as high as 40.5°C. ▪ Much of Pakistan experienced increasing daytime temperatures resulting in moderate to severe heatwave conditions, while light scattered rain/thundershowers were observed in isolated places in the northern region. The country issued a press release warning of heatwave conditions. 	
<p>Significant Weather Features in the region for the coming week (24-30 May 24)</p>	<p>Cyclone Watch</p> <ul style="list-style-type: none"> ▪ The well-marked low-pressure area over the west-central and adjoining south Bay of Bengal has moved northeastward over the past 12 hours, developing into a depression. As of 0000 UTC on May 24, 2024, it was centered over the central Bay of Bengal near latitude 15.0°N and longitude 88.4°E, approximately 800 km south-southwest of Khepupara, Bangladesh, and 810 km south of Canning, West Bengal. It is expected to continue moving northeastward, intensifying into a cyclonic storm over the east-central Bay of Bengal by 0000 UTC on May 25. Subsequently, it will likely move nearly northward, becoming a severe cyclonic storm by 1800 UTC on May 25. Continuing its northward trajectory, it is projected to cross the Bangladesh and adjoining West Bengal coasts between Sagar Island and Khepupara around 1800 UTC on May 26 as a severe cyclonic storm. (Refer: https://rsmcnewdelhi.imd.gov.in/) ▪ Isolated convective systems like to persist over most parts of the region. ▪ Conditions are expected to become increasingly favourable for the further advancement of the southwest Monsoon into additional areas of the south, central, and northern Bay of Bengal, as well as parts of northeast India. 	
<p>Weather Outlook (24-30 May 24)</p>	<ul style="list-style-type: none"> ▪ Bangladesh likely to experience moderate/heavy rain/thunderstorms and strong winds under the influence of a cyclonic storm. ▪ Bhutan likely to experience scattered light/moderate rain/thundershowers with isolated heavy rain/thundershowers in its 	<p>Extended Range Outlook (until 05 June 2024)</p> <ul style="list-style-type: none"> ▪ A higher probability of rain (>25mm) likely over Bhutan, Maldives, Bangladesh, Myanmar, eastern part of

	<p>southern region.</p> <ul style="list-style-type: none"> ▪ Maldives and Sri Lanka likely to experience rain/thundershowers with isolated heavy rain with strong winds. ▪ Widespread rain/thundershowers likely over much of Myanmar, while moderate/heavy rain/thundershowers likely along its coastal areas. ▪ Nepal likely to experience light/moderate scattered rain/thunderstorms with isolated heavy rain in some places. ▪ Much of Pakistan likely to experience moderate to severe heatwave, while isolated light rain/thundershowers likely in some isolated places. 	<p>Nepal, northeast India and southwest Sri Lanka towards the week ending of 05 June.</p>
<p>Ocean Watch</p>	<p>Observed Ocean Surface Conditions (17-23 May 24)</p> <ul style="list-style-type: none"> ▪ No significant events were reported during the week. <p>Forecast for the coming week (24-30 May 24)</p> <ul style="list-style-type: none"> ▪ Rough seas are likely along the coasts of Maldives, Sri Lanka and Bay of Bengal. 	