

## Weekly SAHF Forecasters' Forum #37

Date: 27 October 2022

### Discussion Notes

<p><b>Realized Weather (21- 27 Oct. 22)</b></p>	<ul style="list-style-type: none"> <li>• Under the influence of westerly waves northern parts of Afghanistan and Pakistan observed isolated rain/thundershowers with rest of areas experiencing dry weather and decreasing temperatures.</li> <li>• Under influence of cyclone storm “Sitrang”, much of Bangladesh experienced heavy rainfall with central and coastal areas of the country observing more than 300mm rainfall in 24 hours. Most of the coastal areas were inundated. BMD reported that, while most of the models forecasted the path and severity of cyclone storm correctly, the landfall was much quicker than forecasted by the models which created confusion for the operational forecasters.</li> <li>• During the same period most parts of Bhutan experienced moderate to heavy rainfall with some highlands receiving light to moderate snowfall. Kanglung station in the eastern Bhutan recorded 71.8 mm rainfall in 24 hours.</li> <li>• Maldives experienced isolated to scattered rain/thundershowers with much of the areas experiencing fair weather. Rest of the countries in the SAHF region experienced similar weather conditions during the week.</li> </ul>	
<p><b>Salient synoptic features in the coming week (28 Oct. 22 - 02 Nov. 22)</b></p>	<ul style="list-style-type: none"> <li>• Westerly waves are likely to pass over northern parts of Afghanistan and Pakistan, and Nepal and Bhutan as well, over the week.</li> <li>• Moderate north westerly and north easterly winds likely over Bangladesh and adjoining areas.</li> <li>• Moderate north easterly and south easterly winds likely over the central and southern parts of Myanmar.</li> <li>• Moderate monsoonal winds likely to continue over Sri Lanka and Maldives over the week.</li> </ul>	
<p><b>Rainfall outlook (28 Oct. 22 - 02 Nov. 22)</b></p>	<ul style="list-style-type: none"> <li>• Mostly dry weather with likely occurrence of isolated and scattered rain/thundershowers over Afghanistan, Bhutan, Nepal, and Pakistan. Also, a possibility of snowfall in the highlands in these countries.</li> <li>• While much of Bangladesh, Maldives, Myanmar, and Sri Lanka are likely to experience isolated to scattered rain/thundershowers, some places in Sri Lanka are likely to experience isolated heavy rainfall.</li> </ul>	<p><b>Extended Range Outlook (until 10 November 2022)</b></p> <ul style="list-style-type: none"> <li>• Isolated pockets of Bangladesh and Myanmar and most parts of Sri Lanka and Maldives likely to experience rainfall towards the week ending of 30 October 2022.</li> <li>• Isolated pockets of Myanmar and most parts of Sri Lanka and Maldives likely to experience rainfall towards the week ending of 10 November 2022.</li> </ul>

<p><b>Temperature outlook (28 Oct. 22- 02 Nov. 22)</b></p>	<ul style="list-style-type: none"> <li>• While decreasing temperatures were observed in some parts of the region, no significant anomalies are in forecasts.</li> </ul>	<p><b>Ocean Watch</b>  <b><i>Ocean Surface Forecast briefing during past week (21-27 Oct. 22)</i></b></p> <ul style="list-style-type: none"> <li>• High wave warnings/alerts were issued to the coastal areas of Andaman &amp; Nicobar, West Bengal and Odisha during the week as the region experienced cyclone storm "Sitrang".</li> <li>• Except for coastal areas of Bangladesh, significant surge waves were not reported.</li> </ul> <p><b>Forecast for coming week (28 Oct. 22- 02 Nov. 22)</b></p> <ul style="list-style-type: none"> <li>• No significant events over the week.</li> </ul>
<p><b>AOM</b></p>	<ul style="list-style-type: none"> <li>• Bangladesh suggested conducting special briefings for extreme weather events in the region besides the weekly forecasters' forum.</li> <li>• Bhutan suggested including snow forecast products.</li> </ul>	