

## Weekly SAHF Forecasters' Forum #35

Date: 13 October 2022

### Discussion Notes

<p><b>Realized Weather (06-12 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 to scattered rain/thundershowers with rest of areas experiencing dry weather and decreasing temperatures.</li> <li>• Bhutan and Nepal observed isolated to scattered rain/thundershowers during week. Also, under the influence of cyclonic circulation over Uttar Pradesh and adjoining areas Nepal observed heavy rain in the isolated places during the week.</li> <li>• Due to persistence of moderate south westerly and south easterly winds from Bay of Bengal and adjoining areas, Bangladesh experienced scattered to fairly widespread rainfall over much of the area with isolated places experiencing heavy rainfall.</li> <li>• Under the influence of westerly waves, northern parts of Myanmar observed scattered to fairly widespread rain/thundershowers with some places observing isolated heavy rainfall. The country reported the withdrawal of southwest monsoon 2022 during the week.</li> <li>• Under the influence of moderate monsoonal flow much of Sri Lanka and Maldives experienced scattered and isolated rain/thundershowers. Central atolls and southern atolls of Maldives observed more than 100mm and 50 mm rainfall in 24 hrs respectively. During the same period isolated places experienced swell wave surges causing inland flooding.</li> </ul>	
<p><b>Salient synoptic features in the coming week (13-19 Oct. 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 south easterly and easterly winds from Bay of Bengal over Bangladesh and adjoining areas likely to continue at lower levels.</li> <li>• No significant synoptic conditions are expected over Myanmar.</li> <li>• Moderate monsoonal winds likely to continue over Sri Lanka and Maldives over the week.</li> </ul>	
<p><b>Rainfall outlook (06 – 12 Oct 22)</b></p>	<ul style="list-style-type: none"> <li>• Mostly dry weather with likely occurrence of isolated and scattered rain/thundershowers over Pakistan and Afghanistan.</li> <li>• Isolated and scattered rain/thundershower likely over Bhutan and Nepal.</li> <li>• Bangladesh likely to experience isolated and scattered rain/thundershowers over the week with some places expected to experience isolated heavy rainfalls.</li> <li>• Scattered to fairly widespread</li> </ul>	<p><b>Extended Range Outlook (until 27 October 2022)</b></p> <ul style="list-style-type: none"> <li>• Probability of rainfall (&gt;25mm) likely over Maldives, Sri Lanka and isolated pockets of Bangladesh and Myanmar towards the week ending of 20 October 2022.</li> <li>• Probability of rainfall (&gt;25mm) likely over isolated places in Maldives and Sri Lanka towards the week ending of 27 October 2022.</li> </ul>

	<p>rain/thundershowers is likely over some places in Myanmar.</p> <ul style="list-style-type: none"> <li>Isolated to scattered rain/thundershower is likely over much of Maldives and Sri Lanka with possibility of heavy rainfall in isolated places in these countries.</li> </ul>	
<p><b>Temperature outlook (13– 19 Oct. 22)</b></p>	<ul style="list-style-type: none"> <li>No significant anomalies.</li> </ul>	<p><b>Ocean Watch</b>  <b><i>Ocean Surface Forecast briefing during past week (06-12 Oct. 22)</i></b></p> <ul style="list-style-type: none"> <li>No high wave warnings/alerts issued.</li> <li>No significant events observed during the week except isolated swell wave surges event reported in Maldives.</li> </ul> <p><b>Forecast for coming week (13-19 Oct. 22)</b></p> <ul style="list-style-type: none"> <li>No significant events over the week.</li> </ul>
<p><b>Monsoon watch</b></p>	<p><b><i>Past Week (06-12 Oct. 22)</i></b></p> <ul style="list-style-type: none"> <li>Monsoon is expected to be active over Sri Lanka and Maldives during the week, while rainfall spells may persist over Myanmar and Bangladesh.</li> </ul> <p><b><i>Coming week (13-19 Oct. 22)</i></b></p> <ul style="list-style-type: none"> <li>Light to moderate cross equatorial flow likely over Arabian sea.</li> <li>A cyclonic circulation over northern Andaman Sea and, central Bay of Bengal and adjoining areas likely to move westward.</li> </ul>	