

## Weekly SAHF Forecasters' Forum #31

Date: 15 September 2022

### Discussion Notes

<p><b>Realized Weather (08-14 Sept. 22)</b></p>	<ul style="list-style-type: none"> <li>Weak monsoon currents prevailed over most parts of Pakistan and the country observed isolated and scattered rain/thundershowers with isolated places experiencing heavy rainfalls. Places like Kakul, Lahore, Karachi and Koti recorded more than 75 mm rainfall in 24 hours.</li> <li>Under the weak monsoon conditions, Bhutan and Nepal observed scattered to fairly widespread rain/thundershowers and isolated heavy rainfalls in some places.</li> <li>Due to persistence of moderate south westerly and south easterly wind flow from Bay of Bengal and adjoining areas, Bangladesh experienced scattered to fairly widespread rainfall over much of the country with isolated places experiencing heavy rainfall.</li> <li>Under the influence of moderate monsoonal flow over Myanmar, the country experienced fairly widespread to widespread rain/thundershowers over most of the places with some places observing isolated heavy rainfall.</li> <li>Under the influence of moderate monsoonal flow much of Sri Lanka and Maldives experienced scattered and isolated rain/thundershowers.</li> </ul>	
<p><b>Salient synoptic features in the coming week (15-21 Sept. 22)</b></p>	<ul style="list-style-type: none"> <li>Westerly wave likely over Afghanistan and Pakistan over the week. A weak monsoonal flow is likely to prevail over Pakistan.</li> <li>Southeasterly to easterly wind flow at lower levels likely to continue over Nepal and Bhutan during the week due to passage of lower pressure system.</li> <li>Moderate south easterly and easterly winds from Bay of Bengal over Bangladesh and adjoining areas likely during the week.</li> <li>Moderate monsoonal flow likely to continue over Myanmar during the week.</li> <li>Moderate monsoonal winds likely to continue over Sri Lanka and Maldives region during the week.</li> </ul>	
<p><b>Rainfall outlook (15-21 Sept. 22)</b></p>	<ul style="list-style-type: none"> <li>Isolated and scattered rain/thundershowers activity likely over Pakistan during the week.</li> <li>Isolated and scattered rain/thundershowers activities likely to continue over Bhutan and Nepal with gradual increase in rainfall expected over the countries after 18 September 2022.</li> <li>Bangladesh and Myanmar likely to experience scattered and fairly widespread to widespread rain/thundershowers over the week with some places expected to receive isolated heavy rainfalls.</li> </ul>	<p><b>Extended Range Outlook (until 28 September 2022)</b></p> <ul style="list-style-type: none"> <li>Probability of rainfall (&gt;25mm) likely over Bangladesh, Bhutan, Myanmar, Nepal and central, western and northern parts of India towards the week ending of 21 September 2022.</li> <li>Probability of rainfall (&gt;25mm) likely over of Bangladesh, Bhutan, Myanmar, central, eastern and southern parts of Nepal towards the week ending of 28 September 2022.</li> </ul>

	<ul style="list-style-type: none"> <li>Maldives and Sri Lanka likely to experience isolated and scattered rain/thundershowers during the week.</li> </ul>	
<b>Temperature outlook (15-21 Sept. 22)</b>	<ul style="list-style-type: none"> <li>No significant anomalies.</li> </ul>	<b>Ocean Watch</b> <b><i>Ocean Surface Forecast briefing during past week (08-14 August 2022)</i></b> <ul style="list-style-type: none"> <li>High wave alerts issued for Odisha and West Bay of Bengal. Depressions formed in the northwest Bay of Bengal. No significant events were reported.</li> </ul> <b>Forecast for coming week (15-21 September 2022)</b> <ul style="list-style-type: none"> <li>No significant events during the week.</li> </ul>
<b>Monsoon watch</b>	<b><i>Past Week (08-14 Sept. 2022)</i></b> <ul style="list-style-type: none"> <li>Monsoon trough shifted to south of its normal position due to formation of low-pressure system.</li> <li>Monsoon active/moderate over Myanmar, Bangladesh, and weak over Pakistan, Nepal, Bhutan, Sri Lanka and Maldives.</li> </ul> <b><i>Coming week (15-21 September 2022)</i></b> <ul style="list-style-type: none"> <li>A cyclonic circulation and low pressure likely to form over northern Bay of Bengal around 18-19 September 2022.</li> <li>Monsoon trough likely to oscillate from its normal position during the week.</li> </ul>	