

## Weekly SAHF Forecasters' Forum (FF) #74

Date: 13 July 2023

### Discussion Notes

<p><b>Realized Weather (07-13 July 23)</b></p>	<ul style="list-style-type: none"> <li>▪ The southwest monsoon was still active in the region during the week. Under this active monsoon features: <ul style="list-style-type: none"> <li>- Much of Pakistan experienced scattered to widespread rain/thundershowers with some places in central and northern regions receiving moderate to heavy rain/thundershowers. The weekly accumulated rain total ranges between 67.0-149.0 mm.</li> <li>- Most parts of Bhutan and Nepal experienced isolated to scattered rain/thundershowers, with fairly widespread heavy rain/thundershowers in some parts of the countries. Also, Bangladesh experienced isolated to scattered rain/thundershowers with isolated heavy rain/thundershowers in some places.</li> <li>- Myanmar experienced isolated to widespread rain/thundershowers with intermittent heavy rain/thundershowers in some places.</li> <li>- Much of Maldives and Sri Lanka experienced isolated to scattered rain/thundershowers.</li> </ul> </li> </ul>	
<p><b>Salient synoptic features in the coming week (14-20 July 23)</b></p>	<ul style="list-style-type: none"> <li>▪ Westerly waves and monsoon winds from the Arabian Sea are likely to affect Pakistan.</li> <li>▪ A westerly trough is likely to continue over Bhutan and Nepal regions. Also, monsoon easterlies are likely to strengthen in the region.</li> <li>▪ A moderate monsoonal flow is likely to continue over Bangladesh.</li> <li>▪ A shallow westerly trough is likely to continue over northern Myanmar with moderate to strong cross-equatorial flow likely over the country.</li> <li>▪ Moderate to strong cross-equatorial flow is likely over the Maldives and Sri Lanka.</li> </ul> <p><b>Monsoon Features:</b></p> <ul style="list-style-type: none"> <li>▪ A cyclonic circulation/low pressure system is likely to form in the north of Bay of Bengal and adjoining areas around 16 July.</li> <li>▪ Monsoon trough likely to fluctuate from its normal position.</li> <li>▪ An offshore trough is likely to continue from Gujarat and Maharashtra coasts to Kerala coasts.</li> <li>▪ Strengthening of the cross-equatorial flow is likely over the Arabian Sea and the Bay of Bengal.</li> <li>▪ The persistence of Somali jets is likely to continue.</li> </ul>	
<p><b>Rainfall outlook (14-20 July 23)</b></p>	<p>Under the influence of the above synoptic situations, countries are likely to experience the following weather conditions:</p> <ul style="list-style-type: none"> <li>▪ Scattered to fairly widespread rain/thundershowers likely over Pakistan with intermittent heavy rain/thundershowers over</li> </ul>	<p><b>Extended Range Outlook (until 26 July 2023)</b></p> <ul style="list-style-type: none"> <li>▪ Under the influence of active monsoon currents over the region, higher probability of rain (&gt;25mm) is likely over</li> </ul>

	<p>central and northern regions until 18 July 2023.</p> <ul style="list-style-type: none"> <li>▪ Scattered to fairly widespread rain/thundershowers are likely over Bangladesh, Bhutan and Nepal with the intermittent moderate to heavy rain/thundershowers over some places.</li> <li>▪ Scattered to fairly widespread rain/thundershowers are likely over Myanmar with possibility of increase rain/thundershowers with intermittent heavy rain after 16 July.</li> <li>▪ Isolated to scattered rain/thundershowers, at times fairly widespread rain/thundershowers are likely over the Maldives and Sri Lanka.</li> </ul>	<p>Bhutan, Nepal, Bangladesh, Myanmar, northern parts of Pakistan and isolated places over Sri Lanka and Maldives towards the week ending of 26 July.</p>
<p><b>Temperature outlook (14-20 July 23)</b></p>	<ul style="list-style-type: none"> <li>▪ No significant anomalies.</li> </ul>	<p><b>Ocean Watch</b>  <b>Ocean Surface Forecast briefing during the past week (07-13 July 23)</b></p> <ul style="list-style-type: none"> <li>▪ No significant events observed during the week.</li> </ul> <p><b>Forecast for the coming week (14-20 July 23)</b></p> <ul style="list-style-type: none"> <li>▪ High waves and high wind speed likely in the Bay of Bengal and Arabian Sea.</li> <li>▪ Rough seas likely over the coast of Maldives and Sri Lanka.</li> </ul>