

## Weekly SAHF Forecasters' Forum (FF) #75

Date: 20 July 2023

### Discussion Notes

<p><b>Realized Weather (14-20 July 23)</b></p>	<ul style="list-style-type: none"> <li>▪ Northern and central parts of Pakistan experienced isolated heavy rain/thundershowers with rest of the country experiencing isolated to scattered rain/thundershowers.</li> <li>▪ Most parts of Bangladesh, Bhutan and Nepal experienced isolated to scattered rain/thundershowers, with fairly widespread heavy rain/thundershowers in some parts of the countries. Also, Bhutan reported flash floods and landslides and damages to infrastructure in its southern region due to the impact of heavy rain.</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>	
<p><b>Salient synoptic features in the coming week (21-27 July 23)</b></p>	<ul style="list-style-type: none"> <li>▪ Westerly waves and monsoon winds from the Arabian Sea are likely to continue to affect Pakistan.</li> <li>▪ A westerly trough is likely to continue over Bhutan and Nepal regions. Also, monsoon easterlies are likely to persist in the region.</li> <li>▪ A moderate to strong monsoonal flow is likely to continue over Bangladesh, Myanmar, Maldives and Sri Lanka.</li> <li>▪ A low pressure (LP) formed in the northwest of Bay of Bengal and adjoining areas is likely to move west north-westerly direction. Another LP system is likely to form over the central Bay of Bengal between 24-25 July 2023.</li> <li>▪ Monsoon trough likely to fluctuate from its normal position due to the formation of cyclonic circulation system in the Bay of Bengal.</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 (21-27 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.</li> <li>▪ Isolated to scattered rain/thundershowers are likely over Bangladesh, Bhutan and Nepal with the intermittent moderate to heavy rain/thundershowers over some places after 22</li> </ul>	<p><b>Extended Range Outlook (until 01 August 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 Bhutan, Nepal, Bangladesh, India, Myanmar, northern parts of Pakistan and isolated places over Sri Lanka and Maldives</li> </ul>

	<p>July.</p> <ul style="list-style-type: none"> <li>▪ Scattered to fairly widespread rain/thundershowers are likely over Myanmar with possibility of intermittent heavy rain in some places.</li> <li>▪ Isolated to scattered rain/thundershowers, at times fairly widespread to isolated heavy rain/thundershowers are likely over the Maldives and Sri Lanka until 24 July.</li> </ul>	<p>towards the week ending of 01 August.</p>
<p><b>Temperature outlook (21-27 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 (14-20 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 (21-27 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>▪ Higher tropical cyclone heat potential is likely in the Bay of Bengal.</li> </ul>