

## Weekly SAHF Forecasters' Forum (FF) #69

Date: 08 June 2023

### Discussion Notes

<p><b>Realized Weather (02-08 June 23)</b></p>	<ul style="list-style-type: none"> <li>▪ Under the influence of westerly waves, most parts of Pakistan received a good amount of rain with most stations recording rain more than 40 mm during the week.</li> <li>▪ While most parts of Bhutan and Nepal experienced isolated and scattered rain/thundershowers, southern parts of Nepal experienced heat waves with temperatures soaring between 40-42o C.</li> <li>▪ With isolated rain/thundershowers in some places, much of Bangladesh experienced mild to moderate heat waves. The country recorded temperatures as high as 41.5 °C during the week breaking the maximum temperature record of 55 years.</li> <li>▪ Maldives, Myanmar and Sri Lanka mainly experienced isolated and scattered rain/thundershowers with intermittent heavy rain/thundershowers in some places.</li> <li>▪ As discussed in the previous FForum, the cyclonic storm (BIPARJOY) formed on 06 June 2023 has intensified to a severe cyclonic storm over east central and adjoining southeast Arabian Sea on 07 June 2023 further intensifying to a very severe cyclonic storm on the same day. The system is likely to move north-north-westerly direction.</li> <li>▪ As per the prospects analysed in the previous FForum about the summer monsoon, IMD declared the onset of Southwest Monsoon 2023 over south Kerala on 08 June 2023. Favourable conditions are evident for further advancement of the monsoon over most parts of the west coast and northeast India, the remaining parts of Bangladesh and Myanmar, and parts of Bhutan and Nepal over the coming week.</li> </ul>	
<p><b>Salient synoptic features in the coming week (09-15 June 23)</b></p>	<ul style="list-style-type: none"> <li>▪ Westerly waves are likely to affect central and northern parts of Pakistan over the week.</li> <li>▪ A westerly trough is likely to continue over Bhutan and Nepal regions.</li> <li>▪ A trough extended from sub-Himalayan West Bengal to east Bangladesh is likely to persist.</li> <li>▪ A westerly trough is likely to pass over northern Myanmar with moderate to strong cross-equatorial flow likely over the southern region.</li> <li>▪ North-south trough from Tamil Nadu to the west of Sri Lanka is likely to move to the east.</li> <li>▪ Strengthening of cross-equatorial flow likely over the Arabian Sea and the Bay of Bengal.</li> </ul>	
<p><b>Rainfall outlook (09-15 June 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>▪ With isolated and scattered rain/thundershowers over its central and northern regions, the rest of Pakistan is likely to experience hot and dry weather conditions.</li> <li>▪ Isolated rain/thundershowers are likely over Bhutan and Nepal with the possibility of an increase in rain/thundershower activities after 11</li> </ul>	<p><b>Extended Range Outlook (until 21 June 2023)</b></p> <ul style="list-style-type: none"> <li>▪ Higher probability of rain (&gt;25mm) is likely over Bhutan, Nepal, Bangladesh, Myanmar, Maldives and most parts of Sri Lanka and Pakistan towards the week ending of 21 June 2023.</li> </ul>

	<p>June 2023. Also, isolated and scattered rain/thundershowers are likely over Bangladesh.</p> <ul style="list-style-type: none"> <li>▪ Scattered to widespread rain/thundershowers are likely over Myanmar with intermittent heavy rain/thundershowers over some places.</li> <li>▪ Isolated and scattered rain/thundershowers are likely over the Maldives and Sri Lanka with the possibility of an increase in rain activity after 11 June 2023.</li> </ul>	
<p><b>Temperature outlook (09-15 June 23)</b></p>	<ul style="list-style-type: none"> <li>▪ Day temperatures are likely to increase over the region with some places expected to experience significantly high temperatures.</li> </ul>	<p><b>Ocean Watch</b>  <b><i>Ocean Surface Forecast briefing during the past week (02-08 June 23)</i></b></p> <ul style="list-style-type: none"> <li>▪ Bulletins were issued for cyclonic storm “BIPARJOY”.</li> <li>▪ No significant events observed during the week.</li> </ul> <p><b>Forecast for the coming week (09-15 June 23)</b></p> <ul style="list-style-type: none"> <li>▪ No significant events in forecast over the week.</li> </ul>