

Weekly SAHF Forecasters' Forum (FF) #76

Date: 27 July 2023

Discussion Notes

<p>Realized Weather (21-27 July 23)</p>	<ul style="list-style-type: none"> ▪ Under the influence of active monsoon currents and westerly waves, northern and central parts of Pakistan experienced moderate to heavy rain/thundershowers. The country recorded a weekly accumulated rainfall between 141-360 mm. ▪ While much of Bhutan and Nepal observed light to moderate rain/thundershowers with intermittent heavy rain in some places, most parts of Bangladesh experienced less rainfall with mild heat wave conditions. ▪ Except for few isolated heavy rain/thundershowers, much of Maldives experienced fair weather conditions. 	
<p>Salient synoptic features in the coming week (28 July- 03 Aug. 23)</p>	<ul style="list-style-type: none"> ▪ Lower pressure over Bay of Bengal and adjoining coastal areas likely to persists. ▪ Monsoon trough is likely to shift gradually to its normal position. ▪ Offshore trough is likely from Maharashtra coast to Kerala coast over mean sea level. ▪ Strengthening of the cross-equatorial flow is likely over the Arabian Sea and the Bay of Bengal. ▪ The persistence of Somali jets is likely to continue. ▪ Westerly waves and monsoon winds from the Arabian Sea are likely to continue to affect Pakistan. ▪ A westerly trough and monsoon easterlies are likely to affect Bhutan and Nepal regions. ▪ A moderate to strong monsoonal flow is likely to continue over Bangladesh, Myanmar, Maldives and Sri Lanka. 	
<p>Rainfall outlook (28 July-03 Aug. 23)</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"> ▪ Scattered to fairly widespread rain/thundershowers likely over Pakistan with intermittent heavy rain/thundershowers. ▪ Scattered to fairly widespread rain/thundershowers are likely over Bangladesh, Bhutan and Nepal with the intermittent moderate to heavy rain/thundershowers over some places. ▪ Scattered to fairly widespread rain/thundershowers are likely over Myanmar with possibility of intermittent heavy rain in some places. ▪ Isolated to scattered rain/thundershowers, at times fairly widespread to isolated heavy 	<p>Extended Range Outlook (until 08 August 2023)</p> <ul style="list-style-type: none"> ▪ A higher probability of rain (>25mm) is likely over Bhutan, Nepal, Bangladesh, India, Myanmar, northern parts of Pakistan and isolated places over Sri Lanka and Maldives towards the week ending of 08 August.

	rain/thundershowers are likely over the Maldives and Sri Lanka.	
Temperature outlook (28 July- 03 Aug. 23)	<ul style="list-style-type: none"> ▪ No significant anomalies. 	<p>Ocean Watch Ocean Surface Forecast briefing during the past week (21-27 July 23)</p> <ul style="list-style-type: none"> ▪ No significant events observed during the week. <p>Forecast for the coming week (28 July-03 Aug. 23)</p> <ul style="list-style-type: none"> ▪ High waves and high wind speed likely in the Bay of Bengal and Arabian Sea.