

Weekly SAHF Forecasters' Forum (FF) #70

Date: 15 June 2023

Discussion Notes

<p>Realized Weather (09-15 June 23)</p>	<ul style="list-style-type: none"> ▪ While northern and central parts of Pakistan experienced isolated rain/thundershowers under the influence of westerly waves, southern region of the country experienced scattered to widespread rain/thundershowers due to the influence of very severe cyclonic storm in the Arabian sea. ▪ Most parts of Bhutan and Nepal experienced isolated and scattered rain/thundershowers. ▪ Maldives, Myanmar and Sri Lanka mainly experienced isolated and scattered rain/thundershowers with intermittent heavy rain/thundershowers in some places. ▪ Cyclonic storm (BIPARJOY) formed on 06 June 2023 intensified to severe cyclonic storm over east central and adjoining southeast Arabian Sea on 07 June 2023. The system further intensified to very severe cyclonic storm (VSCS) on 07 June evening and, extremely severe cyclonic storm on 11 June 2023 moving north/north-westerly direction and weaken to VSCS moving slowly nearly north-northeast wards. It is likely to cross near Jakhau Port (Gujarat) by 15 June 2023 evening. 	
<p>Salient synoptic features in the coming week (16-22 June 23)</p>	<ul style="list-style-type: none"> ▪ Westerly waves are likely to affect central and northern parts of Pakistan over the week with cyclonic storm likely to influence weather over the southern regions. ▪ A westerly trough is likely to continue over Bhutan and Nepal regions. ▪ A trough extended from sub-Himalayan West Bengal to east Bangladesh is likely to persist. ▪ A westerly trough is likely to pass over northern Myanmar with moderate to strong cross-equatorial flow likely over the southern and central region. ▪ North-south trough from Tamil Nadu to the west of Sri Lanka is likely to move to the east. Moderate to strong cross equatorial flow likely over the Sri Lankan region after 18 June 2023. ▪ Strengthening of cross equatorial flow likely over the Arabian Sea and the Bay of Bengal from 18 June 2023. 	
<p>Rainfall outlook (16-22 June 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"> ▪ Isolated and scattered rain/thundershowers likely over central and northern regions of Pakistan with isolated heavy to extremely heavy rain/thundershowers likely over southern and parts of central region due to VSCS during 15-18 June 2023. ▪ Isolated rain/thundershowers are likely over Bhutan and Nepal with the possibility of an 	<p>Extended Range Outlook (until 28 June 2023)</p> <ul style="list-style-type: none"> ▪ Higher probability of rain (>25mm) is likely over Bhutan, Nepal, Bangladesh, Myanmar, and isolated places of Maldives, Sri Lanka and western and northeast India towards the week ending of 28 June 2023.

	<p>increase in rain/thundershower activities after 17 June 2023. Also, isolated and scattered rain/thundershowers are likely over Bangladesh.</p> <ul style="list-style-type: none"> ▪ Scattered to widespread rain/thundershowers are likely over Myanmar with intermittent heavy rain/thundershowers over some places. ▪ Isolated and scattered rain/thundershowers are likely over the Maldives and Sri Lanka with the possibility of an increase in rain activity after 18 June 2023. 	
<p>Temperature outlook (16-22 June 23)</p>	<ul style="list-style-type: none"> ▪ No significant anomalies. 	<p>Ocean Watch <i>Ocean Surface Forecast briefing during the past week (09-15 June 23)</i></p> <ul style="list-style-type: none"> ▪ Bulletins were issued for cyclonic storm “BIPARJOY”. ▪ No significant events observed during the week. <p>Forecast for the coming week (16-22 June 23)</p> <ul style="list-style-type: none"> ▪ Higher waves are likely over the coastal areas of Pakistan and India within the vicinity of the VSCS. ▪ Rest of the region is likely to experience normal ocean conditions.