

Weekly SAHF Forecasters' Forum (FF) #68

Date: 01 June 2023

Discussion Notes

<p>Realized Weather (26 May-01 June 23)</p>	<ul style="list-style-type: none"> ▪ Pakistan received a good amount of rain over much of the places with northern and central parts of the country recording rain more than 60 mm during the week. ▪ While most parts of Bhutan and Nepal experienced isolated and scattered rain/thundershowers, hilly areas of Nepal experienced heavy rain/thundershowers. ▪ Much of Bangladesh experienced isolated and scattered rain/thundershowers with intermittent heavy to very heavy rain/thundershowers in some places. ▪ With heavy rain/thundershower in some places, Maldives experienced mostly dry weather. ▪ Myanmar and Sri Lanka mainly experienced isolated and scattered rain/thundershowers. 	
<p>Salient synoptic features in the coming week (02-08 June 23)</p>	<ul style="list-style-type: none"> ▪ Westerly waves are likely to affect northern parts of Pakistan after 04 June 2023. ▪ A westerly trough likely to affect Bhutan and Nepal regions. ▪ A trough extended from sub-Himalayan West Bengal to east Bangladesh likely to persist. ▪ Westerly trough likely to pass over northern Myanmar with moderate to strong cross equatorial flow likely over the southern region. ▪ North-south trough from Tamil Nadu to west of Sri Lanka likely to move to east. ▪ A cyclonic circulation likely to form over southeast Arabian sea on during 04-05 June 2023 and may intensify to low pressure system. Similarly, a cyclonic circulation is likely to develop over northeast Bay of Bengal during 04-05 June 2023 and may intensify to a low-pressure system. Also, strengthening of cross equatorial flow likely over both Arabian sea and the Bay of Bengal. ▪ Over the course of the week (02-08 June 2023), conditions are gradually becoming more favorable for the potential advancement of the South Asian summer monsoon. This advancement is expected to occur over the southeast Arabian sea, along with the southern tip of India, Sri Lanka, the Bay Islands, and the adjacent eastern Bay, as well as parts of northeastern India. 	
<p>Rainfall outlook (02-08 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"> ▪ With isolated and scattered rain/thundershowers over its northern region, much of Pakistan is likely to experience hot and dry weather conditions. ▪ Isolated rain/thundershowers are likely over Bhutan and Nepal with possibility of increase in rain/thundershower activities after 05 June 2023. Also, isolated and scattered rain/thundershowers likely over Bangladesh. ▪ Scattered to widespread rain/thundershowers likely over Myanmar with increase in rainfall 	<p>Extended Range Outlook (until 12 June 2023)</p> <ul style="list-style-type: none"> ▪ Higher probability of rain (>25mm) likely over most parts of the South Asian region towards the week ending of 12 June 2023.

	<p>activity with isolated heavy rain likely after 05 June 2023.</p> <ul style="list-style-type: none"> ▪ Isolated and scattered rain/thundershowers likely over Maldives and Sri Lanka with intermittent heavy rain/thundershowers. 	
<p>Temperature outlook (02-08 June 23)</p>	<ul style="list-style-type: none"> ▪ Day temperatures are likely to increase over the region with some places expected to experience significantly high temperatures. 	<p>Ocean Watch <i>Ocean Surface Forecast briefing during the past week (26 May- 01 June 23)</i></p> <ul style="list-style-type: none"> ▪ No significant events observed during the week. <p>Forecast for the coming week (02-08 June 23)</p> <ul style="list-style-type: none"> ▪ No significant events in forecast over the week.