

Weekly SAHF Forecasters' Forum (FF) #66

Date: 18 May 2023

Discussion Notes

<p>Realized Weather (12-18 May 23)</p>	<ul style="list-style-type: none"> ▪ Parts of Pakistan observed rainfall ranging between 20 mm to 43 mm during the week. Some places in the southwest of the country experienced dust thunderstorms. ▪ Bhutan and Nepal experienced light to moderate rain with isolated thunderstorms over some places. ▪ Under the influence of cyclone Mocha, Bangladesh experienced squally weather with wind speeds ranging between 120 m/s to 147 m/s in some places with isolated and scattered rain/thundershowers over the rest of the country. ▪ Similarly, under the influence of the same cyclone, northern places in Myanmar where the cyclone made landfall experienced storm surges and strong winds. Places like Sittwe recorded storm surges of 5-10 m with wind speeds of 120 mph. Some stations in the country observed record-breaking rainfall with records exceeding their past records, most notably Chauk station recording rainfall of 218 mm against its maximum historical record of 97 in 55 years. Currently, damage assessments are being carried out. ▪ Northern parts of Maldives experienced heavy rainfall with stations recording 50 mm of rainfall in 24 hrs. The country declared the onset of southwest monsoon in its northern region on 15 May 2023. 	
<p>Salient synoptic features in the coming week (19-25 May 23)</p>	<ul style="list-style-type: none"> ▪ Westerly waves are likely over northern parts of Pakistan during the week of 22 May 2023. ▪ Western disturbance is likely over 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 cross equatorial flow over the southern region. ▪ North-south trough from Tamil Nadu to west of Sri Lanka likely to persist. 	
<p>Rainfall outlook (19-25 May 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/snow/thundershowers are likely over Bhutan and Nepal. Also, isolated and scattered rain/thundershowers likely over Bangladesh. ▪ Isolated and scattered rain/thundershowers likely over Myanmar with increase in rainfall activity likely over its southern region from 20 May 2023. ▪ Isolated and scattered rain/thundershowers likely over Maldives and Sri Lanka. 	<p>Extended Range Outlook (until 31 May 2023)</p> <ul style="list-style-type: none"> ▪ Higher probability of rain (>25mm) likely over Bhutan, isolated places of Nepal, Pakistan, Myanmar, Sri Lanka and Bangladesh towards the week ending of 31 May 2023.

<p>Temperature outlook (19-25 May 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 (12-18 May 23)</i></p> <ul style="list-style-type: none"> ▪ High wave warnings were issued in the Andaman and Nicobar, West Bengal, Odisha, and Andhra Pradesh issued. No significant events were reported. <p>Forecast for the coming week (19-25 May 23)</p> <ul style="list-style-type: none"> ▪ High waves and rough seas are likely over the coastal areas of Maldives.
--	--	---