

Weekly SAHF Forecasters' Forum #28

Date: 25 August 2022

Discussion Notes

<p>Realized Weather (18-24 August 22)</p>	<ul style="list-style-type: none"> • Shallow westerly wave prevailed over the northern parts of Afghanistan and Pakistan during the past week. • Moderate to strong monsoon currents prevailed over the central and southern regions of Pakistan. The country observed scattered to fairly widespread rain/thundershowers with isolated heavy rain/thundershowers over some places. • Bhutan and Nepal are currently experiencing weak monsoonal flow and the countries observed isolated and scattered rain/thundershowers with most places in these countries experiencing hot and dry weather conditions. • Due to persistence of moderate to strong south westerly and southerly wind flow from Bay of Bengal and adjoining areas, Bangladesh experienced scattered to fairly widespread rainfall over much of the country with isolated places experiencing heavy rainfall. • Under the influence of moderate to strong monsoonal flow over Myanmar, the country experienced fairly widespread to widespread rain/thundershowers over most of the places with some places observing isolated heavy rainfalls. • Under the influence of moderate monsoonal flow much of Sri Lanka and Maldives experienced scattered and isolated rain/thundershowers. 	
<p>Salient synoptic features in the coming week (25-31 August 22)</p>	<ul style="list-style-type: none"> • A fresh westerly wave is expected over Afghanistan and Pakistan over the week. • The monsoonal flow over the central and southern parts of Pakistan likely to weaken from 28 August 2022. • Southeasterly to easterly wind flow at lower levels likely to continue over Nepal and Bhutan during the week. • Moderate to strong south westerly and southerly winds from Bay of Bengal over Bangladesh and adjoining areas likely to continue during the week. • Moderate to strong monsoonal flow likely to continue over Myanmar during the week. • Moderate monsoonal winds likely to continue over Sri Lanka and Maldives region during the week. 	
<p>Rainfall outlook (25-31 August 22)</p>	<ul style="list-style-type: none"> • Rainfall activity over Pakistan is likely to decrease over the week. • Isolated and scattered rain/thundershowers activities likely to continue over Bhutan and Nepal. • Bangladesh and Myanmar likely to experience scattered and fairly widespread to widespread rain/thundershowers over the week with some places expected to receive isolated heavy rainfalls. • Maldives and Sri Lanka likely to experience 	<p>Extended Range Outlook (until 01 September 2022)</p> <ul style="list-style-type: none"> • Probability of rainfall (>25mm) likely over Maldives, Bangladesh and Myanmar, and isolated places of eastern India, parts of Bhutan, Pakistan and Nepal towards the week ending of 31 August 2022. • Probability of rainfall (>25mm) likely over Bhutan, Nepal, Bangladesh, Maldives and Myanmar, pockets of Sri Lanka and India towards the week ending of 07 September

	increase rain/thundershowers activities over the week.	2022.
Temperature outlook (25-31 August 22)	<ul style="list-style-type: none"> No significant anomalies. 	<p>Ocean Watch <i>Ocean Surface Forecast briefing during past week (18-24 August 2022)</i></p> <ul style="list-style-type: none"> High wind warnings and alerts were issued for coastal states of India. No significant events were reported. <p>Forecast for coming week (25-31 August 2022)</p> <p><i>Wind Speed</i></p> <ul style="list-style-type: none"> Wind speed likely to be normal over the most coastal areas except Sri Lankan coast where wind speed is likely to be around 10m/s. <p><i>Wave Heights</i></p> <ul style="list-style-type: none"> Wave heights likely to be normal in the Arabian sea and the Bay of Bengal (<4.0m) during the coming week. m. <p><i>Swell Waves</i></p> <ul style="list-style-type: none"> Swell wave heights likely to be normal(<3m) in the Arabian sea, Bay of Bengal and in the Indian ocean during the coming week. <p><i>Sea Surface Temperature</i></p> <ul style="list-style-type: none"> Sea surface temperature in the Bay of Bengal is likely to be around 32°C and in the Arabian sea it is likely to be around 27°C.
Monsoon watch	<p><i>Past Week (18-24 August 2022)</i></p> <ul style="list-style-type: none"> Weak monsoonal flow prevailed over Nepal and Bhutan region due to fluctuation of monsoon trough position. Monsoon trough fluctuating from its normal position due to passage of low-pressure systems. Monsoon vigorous and active over 	

	<p>Pakistan and Myanmar, active over Bangladesh, and moderate over Nepal, Bhutan, Sri Lanka and Maldives.</p> <p><i>Coming week (25-31 August 2022)</i></p> <ul style="list-style-type: none">• Monsoon trough active and likely to fluctuate from its normal position.	
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