

Weekly SAHF Forecasters' Forum #29

Date: 01 September 2022

Discussion Notes

<p>Realized Weather (25-31 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. • Pakistan observed scattered to fairly widespread rain/thundershowers with isolated placing observing heavy rainfalls during 25-26 August 2022. Places such as Lahore, Kalam, Dir and Quetta received more than 140 mm during the week. Also, the country received more than 200% of their seasonal rainfall totals until now. • Under the moderate monsoon conditions, Bhutan and Nepal observed scattered to fairly widespread rain/thundershowers and isolated heavy rainfalls in some places. • 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 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 and some places in Sri Lanka experienced isolated heavy thundershowers. 	
<p>Salient synoptic features in the coming week (01-07 Sept. 22)</p>	<ul style="list-style-type: none"> • Westerly trough likely over Afghanistan and Pakistan over the week. A weak monsoonal flow is likely to prevail over Pakistan. • Southeasterly to easterly wind flow at lower levels likely to continue over Nepal and Bhutan during the week. • Moderate westerly and southerly winds from Bay of Bengal over Bangladesh and adjoining areas likely to continue during the week. • Moderate 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 (01-07 Sept. 22)</p>	<ul style="list-style-type: none"> • Isolated and scattered rain/thundershowers activity likely over Pakistan during 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 	<p>Extended Range Outlook (until 15 September 2022)</p> <ul style="list-style-type: none"> • Probability of rainfall (>25mm) likely over Maldives, Bangladesh, Bhutan and Myanmar, and isolated places of central and southern India, parts Nepal and Sri Lanka towards the week ending of 08 September 2022. • Probability of rainfall (>25mm) likely over of Bhutan, Nepal, Bangladesh, Maldives

	<p>some places expected to receive isolated heavy rainfalls.</p> <ul style="list-style-type: none"> • Most parts of Maldives and Sri Lanka likely to experience isolated and scattered rain/thundershowers with some isolated places expected to experience heavy rainfalls during the week. 	<p>and Myanmar, pockets of Sri Lanka and India towards the week ending of 15 September 2022.</p>
<p>Temperature outlook (01-07 Sept. 22)</p>	<ul style="list-style-type: none"> • No significant anomalies. 	<p>Ocean Watch <i>Ocean Surface Forecast briefing during past week (25-31 August 2022)</i></p> <ul style="list-style-type: none"> • Swell alerts were issued for Nicobar Islands. No significant events were reported. <p>Forecast for coming week (01-07 September 2022) <i>Wind Speed</i></p> <ul style="list-style-type: none"> • Wind speed likely be around 10m/s or less across Arabian seas and Bay of Bengal. <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). <p><i>Swell Waves</i></p> <ul style="list-style-type: none"> • Swell wave periods likely to be higher in the Bay of Bengal (<17 sec) and swell wave heights likely to be normal(<3m) in the Arabian sea, Bay of Bengal and in the Indian ocean. <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 28°C.
<p>Monsoon watch</p>	<p><i>Past Week (25-31 August 2022)</i></p> <ul style="list-style-type: none"> • Monsoon trough is seen close to the foothills of the Himalayas. • Monsoon is moderate over Myanmar, Bangladesh, Nepal, Bhutan, Sri Lanka Maldives and weak over Pakistan. <p><i>Coming week (01-07 September 2022)</i></p> <ul style="list-style-type: none"> • Monsoon trough likely to shift to its 	

	<p>normal position.</p> <ul style="list-style-type: none">• Moderate cross equatorial flow prevailing over Arabian sea.	
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