

Weekly SAHF Forecasters' Forum #32

Date: 22 September 2022

Discussion Notes

<p>Realized Weather (15-21 Sept. 22)</p>	<ul style="list-style-type: none"> Weak monsoon currents prevailed over most parts of Pakistan and the country observed isolated and scattered rain/thundershowers with isolated places such as Kot Addu, Dir, Kohat and Sialkot observing rainfall above 30 mm in 24 hours. Under the weak monsoon conditions, Bhutan and Nepal observed isolated to scattered rain/thundershowers. While Bhutan reported heavy rainfall in isolated places, Nepal reported heavy to very heavy rainfall (150-200mm) over its western province on 18 September 2022 causing inundation and landslides killing 21 people. DHM issued warning on 15 September 2022. Due to persistence of moderate south westerly and south easterly 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 rainfall. 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 (22-27 Sept. 22)</p>	<ul style="list-style-type: none"> Westerly waves likely over Afghanistan and Pakistan over the week. Southeasterly to easterly wind flow at lower levels likely to continue over Nepal and Bhutan during the week. Moderate south easterly and easterly winds from Bay of Bengal over Bangladesh and adjoining areas likely at lower levels due to passage of low-pressure system 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 (22-27 Sept. 22)</p>	<ul style="list-style-type: none"> Isolated and scattered rain/thundershowers activity likely over Pakistan with much of the areas expected to be dry during the week. Gradual increase of rain/thundershower activities likely over Bhutan and Nepal after 25 September 2022. Bangladesh and Myanmar likely to experience scattered and fairly widespread to widespread rain/thundershowers over the week with some places expected to receive isolated 	<p>Extended Range Outlook (until 04 October 2022)</p> <ul style="list-style-type: none"> Probability of rainfall (>25mm) likely over Bangladesh, Bhutan, Myanmar, Nepal and north central parts of India towards the week ending of 27 September 2022. Probability of rainfall (>25mm) likely over isolated places in Bangladesh and Myanmar towards the week ending of 04 October 2022.

	<p>heavy rainfalls.</p> <ul style="list-style-type: none"> • Gradual increase of rain/thundershower likely over Maldives and Sri Lanka after 24 September 2022. 	
<p>Temperature outlook (22-27 Sept. 22)</p>	<ul style="list-style-type: none"> • No significant anomalies. 	<p>Ocean Watch <i>Ocean Surface Forecast briefing during past week (15-21 August 2022)</i></p> <ul style="list-style-type: none"> • No significant events observed during the week. <p>Forecast for coming week (22-27 September 2022)</p> <ul style="list-style-type: none"> • No significant events over the week.
<p>Monsoon watch</p>	<p><i>Past Week (15-21Sept. 2022)</i></p> <ul style="list-style-type: none"> • Monsoon active/moderate over Myanmar, Bangladesh, Nepal, and weak over Pakistan, Bhutan, Sri Lanka, and Maldives. • A low-pressure area formed on 20th September 2022 over northwest and adjoining west central of Bay of Bengal moved west to north westerly direction. • Monsoon withdrawn from west Rajasthan and Kutch. <p><i>Coming week (22-27 September 2022)</i></p> <ul style="list-style-type: none"> • A cyclonic circulation likely to form over Bay of Bengal around 25-26 September 2022. • Monsoon trough likely to shift to south from its normal position. 	