

Weekly SAHF Forecasters' Forum #34

Date: 06 October 2022

Discussion Notes

<p>Realized Weather (29 Sept. 22-05 Oct. 22)</p>	<ul style="list-style-type: none"> • Under the influence of westerly wave northern parts of Afghanistan and Pakistan observed isolated to scattered rain/thundershowers with rest of areas experiencing dry weather and decreasing temperatures. • Bhutan and Nepal observed isolated to scattered rain/thundershowers during week. Also, under the influence of cyclonic circulation over Uttar Pradesh and adjoining areas Nepal observed heavy rain in the isolated places from 03 October with some places receiving more than 200 mm rainfall in 24 hours. • Due to persistence of moderate south westerly and south easterly winds from Bay of Bengal and adjoining areas, Bangladesh experienced scattered to fairly widespread rainfall over much of the area with isolated places experiencing heavy rainfall. • Under the influence of moderate monsoonal flow over Myanmar, the country experienced scattered to fairly 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. During the same period isolated places in Sri Lanka observed heavy rainfall and isolated places in Maldives experienced heavy thundershowers. 	
<p>Salient synoptic features in the coming week (06-12 Oct. 22)</p>	<ul style="list-style-type: none"> • Two westerly waves are likely to pass over Afghanistan and Pakistan over the week. • Persistence of south-easterly and easterly wind flow over Bhutan and Nepal areas. • Moderate south easterly and easterly winds from Bay of Bengal over Bangladesh and adjoining areas likely at lower levels. • Moderate monsoonal flow likely over central and southern parts of Myanmar over the week. • Moderate monsoonal winds likely to continue over Sri Lanka and Maldives over the week. 	
<p>Rainfall outlook (06 – 12 Oct 22)</p>	<ul style="list-style-type: none"> • Mostly dry weather with likely occurrence of isolated and scattered rain/thundershowers over Pakistan and Afghanistan. • While scattered to fairly widespread rain/thundershower activities are likely over much of Bhutan and Nepal, isolated heavy rain/thundershowers are expected some in places over the week. • Bangladesh and Myanmar likely to experience scattered and fairly widespread to widespread 	<p>Extended Range Outlook (until 20 October 2022)</p> <ul style="list-style-type: none"> • Probability of rainfall (>25mm) likely over Bangladesh, Bhutan, Myanmar and Nepal towards the week ending of 13 October 2022. • Probability of rainfall (>25mm) likely over isolated places in Bangladesh and Myanmar towards the week ending of 20 October 2022.

	<p>rain/thundershowers over the week with some places expected to experience isolated heavy rainfalls.</p> <ul style="list-style-type: none"> • While isolated to scattered rain/thundershower is likely over much of Maldives and Sri Lanka, heavy thundershowers are expected in some places over the week. 	
<p>Temperature outlook (06– 12 Oct. 22)</p>	<ul style="list-style-type: none"> • No significant anomalies. 	<p>Ocean Watch <i>Ocean Surface Forecast briefing during past week (29 Sept.- 05 Oct. 22)</i></p> <ul style="list-style-type: none"> • No high wave warnings/alerts issued. • No significant events observed during the week. <p>Forecast for coming week (06-12 Oct. 22)</p> <ul style="list-style-type: none"> • No significant events over the week.
<p>Monsoon watch</p>	<p><i>Past Week (29 Sept.-05 Oct. 22)</i></p> <ul style="list-style-type: none"> • Monsoon active/moderate over Myanmar, Bangladesh, Nepal, Sri Lanka and Maldives, and weak over Pakistan and Bhutan. <p><i>Coming week (06-12 Oct. 22)</i></p> <ul style="list-style-type: none"> • Light to moderate cross equatorial flow likely over Arabian sea. • Monsoon trough likely to shift gradually to the south. 	