

Weekly SAHF Forecasters' Forum #50

Date: 26 January 2023

Discussion Notes

<p>Realized Weather (20-26 Jan. 23)</p>	<ul style="list-style-type: none"> ▪ Under the influence of westerly waves some parts of Pakistan recorded rainfall (>30 mm) during the week with its northern region observing good amount of snowfall. ▪ Bangladesh, Bhutan, Nepal and much of Myanmar experienced mainly dry weather conditions during the week. Northern parts of Bhutan and Nepal experienced sub-zero temperatures and snow/rain in some places. ▪ Much of Maldives and Sri Lanka experienced isolated rain/thundershowers with isolated heavy showers in some areas during the week. Rainfall amount as high as 50mm was recorded in some parts of Maldives causing floods and disrupting road and other transport networks. 	
<p>Salient synoptic features in the coming week (27 Jan.– 02 Feb. 23)</p>	<ul style="list-style-type: none"> ▪ Westerly waves are likely to pass over northern parts of Afghanistan and Pakistan between 28-29 January 2023. ▪ A shallow western disturbance likely to move over Bhutan and Nepal after 30 January 2023. ▪ Moderate north westerly and north easterly winds likely to continue over Bangladesh and adjoining areas. ▪ Moderate north easterly and south easterly winds likely to continue over Myanmar with western disturbance likely to move over its northern region. ▪ A cyclonic circulation formed over southeast Bay of Bengal extending up to 3.1km is likely to intensify to low pressure system and move west north-westerly direction. ▪ Active equatorial wave likely to affect Sri Lanka between 30 January-01 February 2023 and Maldives after 01 February 2023. 	
<p>Rainfall outlook (27 Jan.– 02 Feb. 23)</p>	<ul style="list-style-type: none"> ▪ Mainly dry weather conditions to prevail over Pakistan with possibility of rain/snow in its northern region between 28-29 January 2023 over the week. ▪ Possibility of isolated and scattered rain/snow over Nepal and Bhutan after 30 January 2023. ▪ Mainly dry weather conditions to prevail over Bangladesh and Myanmar with possibility of isolated rain/thundershowers over southern Myanmar. ▪ Possibility of isolated to scattered rain/thundershowers over Maldives, Sri Lanka and likely to increase the rainfall activity after 31 January 2023. 	<p>Extended Range Outlook (until 08 February 2023)</p> <ul style="list-style-type: none"> ▪ Much of the region expected to experience reduced rainfall activity towards the week ending of 01 February 2023. ▪ Higher probability of rainfall activity over isolated places in Sri Lanka and Maldives towards the week ending of 08 February 2023.

<p>Temperature outlook (27 Jan.– 02 Feb. 23)</p>	<ul style="list-style-type: none"> ▪ No significant anomalies. 	<p>Ocean Watch <i>Ocean Surface Forecast briefing during past week (20-26 Jan. 23)</i></p> <ul style="list-style-type: none"> ▪ No high wave warnings and alerts were issued during the week. ▪ No significant events were observed. <p>Forecast for coming week (27 Jan.-02 Feb.23)</p> <ul style="list-style-type: none"> ▪ No significant events over the week.
<p>Products introduced</p>	<ul style="list-style-type: none"> ▪ Products such as thunderstorm risk, flash flood index and potential flash flood intensity were introduced and discussed. 	