

Weekly SAHF Forecasters' Forum #51

Date: 02 February 2023

Discussion Notes

<p>Realized Weather (27 Jan.-02 Feb.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. ▪ While Maldives mainly experienced isolated to scattered rain/thundershowers, the northern region of Sri Lanka observed more than 200mm of rainfall in 24 hours and eastern region observed more than 100mm in 24 hours during the week. The impacts from these heavy rainfall events are yet to be assessed. ▪ A cyclonic circulation formed over southeast Bay of Bengal on 26 January 2023 extended upto 3.1km had intensified to low pressure system on 27 January 2023. It moved west northwesterly direction and further intensified to well-marked low pressure(WML) and then to depression on 30 January 2023 crossing the Sri Lankan coast on 02 February 2023. 	
<p>Salient synoptic features in the coming week (03-09 Feb. 23)</p>	<ul style="list-style-type: none"> ▪ Westerly waves are likely to pass over northern parts of Afghanistan and Pakistan during the week of 03 February 2023. ▪ A shallow western disturbance likely to move over Bhutan and Nepal during the week of 03 February 2023. ▪ Moderate north westerly and north easterly winds likely 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. ▪ Equatorial wave likely to move over the Bay of Bengal on 04 February 2023 and likely to form into cyclonic circulation upto 3.1 km after 05 February 2023. 	
<p>Rainfall outlook (03-09 Feb. 23)</p>	<ul style="list-style-type: none"> ▪ Possibility of isolated to scattered rain/snow over the northern parts of Pakistan during the week of 02 February 2023. ▪ Isolated to scattered rain/snow likely over Bhutan and Nepal during the same period. ▪ Mainly dry weather conditions to prevail over Bangladesh and Myanmar with possibility of isolated rain/thundershowers over southern Myanmar. ▪ While isolated to scattered rain/thundershowers is likely over Maldives and Sri Lanka, increase in 	<p>Extended Range Outlook (until 15 February 2023)</p> <ul style="list-style-type: none"> ▪ Higher probability of rainfall (>25 mm) likely over Sri Lanka and Maldives towards the week ending of 08 February 2023. ▪ Reduced rainfall activity in the region towards the week ending of 15 February 2023.

	rainfall activity is likely over Sri Lanka during the week 06 February 2023.	
Temperature outlook (03-09 Feb. 23)	<ul style="list-style-type: none"> ▪ No significant anomalies. 	<p>Ocean Watch <i>Ocean Surface Forecast briefing during past week (27 Jan.-02 Feb.23)</i></p> <ul style="list-style-type: none"> ▪ Except for Indian peninsular region, no high wave warnings and alerts were issued over the rest of the region during the week. ▪ No significant events were observed. <p>Forecast for coming week (03-09 Feb.23)</p> <ul style="list-style-type: none"> ▪ No significant events over the week.