

## SAHF Forecasters' Forum 17 March 2022

NO.: 05

### Discussion Notes

<p>Realized weather (10 - 16 March 2022)</p>	<ul style="list-style-type: none"> <li>● Isolated light rain/snow observed over northern parts of Afghanistan and Pakistan due to passage of WDs.</li> <li>● Light rain/snow observed over northern parts of Bhutan and Nepal due to passage of westerly troughs.</li> <li>● Isolated thundershowers observed over Bangladesh and Maldives with much of areas experiencing dry weather conditions.</li> <li>● Light to moderate rain/thundershowers observed over south of Myanmar.</li> <li>● Formation of low pressure observed over south east adjoining central parts of Bay of Bengal.</li> <li>● Increase in day temperatures were observed over Afghanistan, Pakistan and Myanmar.</li> <li>● No extreme weather events were reported from the region.</li> </ul>	
<p>Salient synoptic features in the coming week</p>	<ul style="list-style-type: none"> <li>● Persistence of WD over Iran and adjoining Afghanistan areas on 17 March 2022.</li> <li>● A fresh WD expected on 19 March over Afghanistan and adjoining Pakistan areas.</li> <li>● A feeble trough persists over Myanmar.</li> <li>● The low pressure over southeast adjoining central parts of Bay of Bengal is likely to move in east-northeasterly direction initially and later to north-northeasterly direction. It is expected to intensify into depression on 20 March and later to cyclone on 21 March. Current models forecast from global centers (based on 18 Mar ICs) indicate the system to landfall near Bangladesh-Myanmar coast. The cyclonic activity is Likely to cross Bangladesh and north Myanmar on 22 March. Ocean heat content in the northern Bay of Bengal is lesser as compared to the warmer condition prevailing in its current location.</li> <li>● In all probability, cyclone is likely to weaken by the time it reaches northeast Bay of Bengal off the Myanmar coast by 22<sup>nd</sup> March 2022.</li> <li>● Close watch requires to be kept, and additional guidance from RSMC, New Delhi to be referred.</li> </ul>	
<p>Rainfall outlook</p>	<ul style="list-style-type: none"> <li>● Light rain and snow expected mostly over northern parts of Afghanistan, Pakistan, Nepal and Bhutan.</li> <li>● A mostly dry weather expected over Bangladesh.</li> <li>● Isolated and scattered rain/thundershowers likely over Sri Lanka and Myanmar, with likely increase rain/thundershowers over Myanmar on 22 March.</li> </ul>	<p>Extended Range Outlook (until 31 March 2022)</p> <ul style="list-style-type: none"> <li>● Warm temperature anomalies of +4-6 °C over Northern and Northwestern areas of the region.</li> <li>● Positive rainfall anomalies associated with the low-pressure system in the Bay of Bengal.</li> </ul>
<p>Temperature outlook</p>	<ul style="list-style-type: none"> <li>● Heatwave conditions are prevailing over</li> </ul>	<p>.</p>

	<p>Afghanistan, Pakistan and Bangladesh.</p> <ul style="list-style-type: none"><li>● Increase in day temperatures likely over Myanmar and Sri Lanka.</li></ul>	
Extreme weather situations	<ul style="list-style-type: none"><li>● Low pressure over the southern Bay of Bengal to be watched, particularly its synoptic conditions on 21-22 March and forecasted strength and track.</li><li>● Heatwave conditions likely to prevail over the northwestern areas of the region.</li></ul>	