

Weekly SAHF Forecasters' Forum #55

Date: 02 March 2023

Discussion Notes

<p>Realized Weather (24 Feb.23-02 Mar. 23)</p>	<ul style="list-style-type: none"> ▪ Under the influence of westerly waves northern parts of Pakistan experienced isolated rain/snow and some places in other regions also experienced light to moderate rainfall. ▪ While northern parts of Bhutan and Nepal experienced isolated rain/snow, some places in the low-lying areas experienced intermittent rain and thunderstorms. ▪ While much of Bangladesh experienced dry weather conditions, southeastern slopes of the country observed moderate rainfall and on 23 February the area recorded 90mm rainfall. Bangladesh reported that the rainfall in February was 95% below normal. During the same time Myanmar experienced isolated rain/thundershowers in its southern and northern regions with rest of the country experiencing dry conditions. ▪ Maldives and Sri Lanka remained mostly dry with isolated and scattered rain/thundershowers in some places. 	
<p>Salient synoptic features in the coming week (03-09 Mar. 23)</p>	<ul style="list-style-type: none"> ▪ Westerly waves likely to continue over northern parts of Afghanistan and Pakistan until 05 March 2023. ▪ A shallow western disturbance likely to move over Bhutan and Nepal. ▪ Westerly and north-westerly waves likely to pass 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. ▪ North easterly and south easterly winds likely to pass over Maldives and Sri Lanka. Also easterly wave likely to pass over south of Sri Lanka after 05 March. 	
<p>Rainfall outlook (03-09 Mar. 23)</p>	<ul style="list-style-type: none"> ▪ Isolated rain/snow likely to continue over the northern parts of Pakistan until 05 March and rest of the country likely to experience dry weather conditions. ▪ Isolated rain/snow likely over Bhutan, and Nepal. ▪ Mainly dry weather conditions to prevail over Bangladesh and Myanmar with possibility of isolated rain/thundershowers in some places in over northern and southern Myanmar. ▪ Possibility of isolated and scattered rain/thundershowers over Maldives and Sri Lanka with intermittent and isolated heavy thunderstorms. 	<p>Extended Range Outlook (until 15 March 2023)</p> <ul style="list-style-type: none"> ▪ Higher probability of rainfall (>25mm) likely over Sri Lanka and Maldives towards the week ending of 08 March. ▪ Higher probability of rainfall (>25mm) likely over Sri Lanka and Maldives. Also, high probability of rain/snow over northern regions of Bhutan and northeast India towards the week ending of 15 March.

<p>Temperature outlook (03-09 Mar. 23)</p>	<ul style="list-style-type: none"> ▪ No significant anomalies. 	<p>Ocean Watch <i>Ocean Surface Forecast briefing during past week (23 Feb.-02 Mar.23)</i></p> <ul style="list-style-type: none"> ▪ No significant events were observed. <p>Forecast for coming week (03-09 Mar.23)</p> <ul style="list-style-type: none"> ▪ No significant events over the week.
<p>New products discussed</p>	<ul style="list-style-type: none"> ▪ Thunderstorm risk forecast maps and air quality forecast maps from ECMWF were introduced and discussed. 	