

Forecasters' Forum #08

Date: 07 April 2022

Discussion Notes

<p>Realized Weather (31 March-06 April 2022)</p>	<ul style="list-style-type: none"> ● Two shallow WDs passed over north of Afghanistan and Pakistan. ● Continental dry air prevailing over the regions adjoining Afghanistan and Pakistan. ● Heatwave conditions are observed over Afghanistan and Pakistan with isolated places experiencing severe heat. ● Light to moderate rain/thundershowers observed over Bhutan and Nepal. ● Isolated rain/thundershowers observed over Bangladesh with most of the places experiencing dry weather conditions and increasing day temperatures. ● Isolated and scattered rain/thundershowers observed over Myanmar with widespread rain/thundershowers in few places in northern parts of the country. ● Light to moderate rain/thundershowers observed over Sri Lanka. ● Maldives experienced mainly dry weather conditions with thunderstorms observed in some isolated places. ● Rainfall activity found to be above normal over Sri Lanka, northern parts of Bangladesh and Bhutan.
<p>Salient synoptic features in the coming week</p>	<ul style="list-style-type: none"> ● WD expected over Afghanistan and adjoining areas of Pakistan during 08-09 April 2022. ● Westerly trough approaching Bangladesh. Also, a strong south westerly wind from Bay of Bengal to north eastern region at lower tropospheric level is expected. ● Persistence of a feeble trough over northern Myanmar and easterly wave passing over south of the country. ● A cyclonic circulation lies over south Andaman Sea and adjoining areas. It may intensify further to low pressure. ● Under its influence, wide spread rainfall activity is expected over Sri Lanka, continued thunderstorm activity over south west coast of India, Bangladesh, Bhutan and adjoining eastern parts of India and isolated rainfall activity over northern parts of Afghanistan and Pakistan.

Rainfall outlook	<ul style="list-style-type: none"> ● Isolated rain/thundershowers expected mostly over the northern parts of Afghanistan and adjoining areas of Pakistan with rest of the areas expected to experience dry weather conditions. ● Isolated and scattered rain/thundershowers likely over Bangladesh, Bhutan, Maldives and Nepal. ● Isolated and scattered rain/thundershowers likely over northern Myanmar with widespread rain/thundershowers in few places. ● Scattered to widespread rain/thundershowers likely over Sri Lanka with few places most likely to experience heavy rain/thundershowers. 	Extended Range Outlook (until 20 April 2022) <ul style="list-style-type: none"> ● Probability of rainfall (>25mm) during the week of 7-13 April 2022 with higher probability of rainfall(>25mm) during the week ending of 20 April 2022 mostly over the northern states like Bhutan and Nepal.
Temperature outlook	<ul style="list-style-type: none"> ● Heatwave conditions are likely to prevail over Afghanistan, Pakistan and northwest India with isolated places mostly likely to experience severe heat. ● Increase in day temperatures likely over Bangladesh. 	
Extreme weather situations	<ul style="list-style-type: none"> ● Heatwave conditions likely to prevail over the north western areas of the region. 	
Additional products	<ul style="list-style-type: none"> ● Lightning monitoring and forecast products for the region were introduced. 	