

Weekly SAHF Forecasters' Forum #18

Date: 16 June 2022

Discussion Notes

<p>Realized Weather (10-16 June 2022)</p>	<ul style="list-style-type: none"> • Under the influence of Western Disturbances (WDs), isolated and scattered rain/thundershowers observed over northern parts of Afghanistan and Pakistan with rest of the countries experiencing dry and hot weather conditions. • Under the same westerly influence, heat wave conditions subsided in most of the places across Pakistan. • Currently moist winds from Arabian sea seen over the region with moderate strong south westerly winds prevailing over south Myanmar. Under this influence scattered rain/thundershowers observed in most of the places over Myanmar with fairly widespread and isolated heavy rainfall over some isolated places. • Light to moderate rain/thundershowers observed over Nepal and Bhutan due to the influence of east west trough from Uttar Pradesh to northeastern states. • East-west trough from east Uttar Pradesh to West Bengal and south westerly wind flow from Bay of Bengal persisting over Bangladesh. Fairly widespread rainfall observed in some places over Bangladesh. • Persistence of north-south trough extending from Tamil Nadu to west of Sri Lanka. Moderate to at times strong south westerly winds (monsoon flow) observed. Under these influences, isolated and scattered rain/thundershowers observed over Sri Lanka with some areas experiencing fairly widespread heavy rainfall. • Isolated and scattered rain/thundershowers activities observed across Maldives with flow of winds mainly from south westerly to north westerly.
<p>Salient synoptic features in the coming week</p>	<ul style="list-style-type: none"> • WD expected over Afghanistan and adjoining areas of Pakistan on 19 June 2022. • Persistence of strong south westerly winds from Bay of Bengal to north-eastern regions at lower levels. • Persistence of strong monsoonal wind flow over Myanmar. • Moderate to strong south westerly winds prevailing over Sri Lanka and Maldives. • Moderate to strong cross equatorial wind flow likely during this week. • Persistence of shear zone across south peninsular India over 700mb.

<p>Rainfall outlook</p>	<ul style="list-style-type: none"> • Isolated and scattered rain/thundershower likely mostly over the northern and central parts of Afghanistan and Pakistan with some places likely to experience fairly widespread and heavy rain/thundershowers. • Bhutan and Nepal likely to experience scattered rain/thundershowers over the next week with likely increase in rainfall activity thereafter. • Bangladesh and Maldives likely to experience gradual increase in rainfall over the next week. • While most places in Myanmar and Sri Lanka are likely to experience isolated and scattered rain/thundershowers over the next week, widespread and heavy rainfall is expected over some isolated places in these countries. 	<p>Extended Range Outlook (until 29 June 2022)</p> <ul style="list-style-type: none"> • Probability of rainfall (>25mm) likely over Bhutan, Bangladesh, Myanmar, Sri Lanka, Maldives and some parts of Nepal, Pakistan, Afghanistan and India towards the week ending of 22 June 2022. • Probability of rainfall (>25mm) likely to continue over Bhutan, Bangladesh, Myanmar, Nepal, parts of India and isolated places over Sri Lanka towards the week ending of 29 June 2022.
<p>Temperature outlook</p>	<ul style="list-style-type: none"> • Temperatures across much of the region likely to decrease over the next week. 	
<p>Monsoon updates</p>	<ul style="list-style-type: none"> • Southwest monsoon is currently active and vigorous over Myanmar and moderate over Sri Lanka, Bangladesh and Maldives. • Overall, the southwest monsoon is getting momentum across the region. 	