

Weekly SAHF Forecasters' Forum #44

Date: 15 December 2022

Discussion Notes

<p>Realized Weather (09-15 Dec. 2022)</p>	<ul style="list-style-type: none"> • Much of Afghanistan, Bangladesh, Bhutan, Nepal and Pakistan experienced dry weather conditions. Northern parts of Bhutan, Nepal and Pakistan experienced sub-zero temperatures in some places. • With isolated and scattered rain/thundershowers in the southern areas, much of Myanmar experienced dry weather conditions. Similarly, much of Maldives experienced fair weather with isolated rain/thundershowers in some places during the week. • While much of Sri Lanka experienced isolated to scattered rain/thundershowers, its northern region experienced strong winds and heavy rainfall under the influence of cyclone storm MANDUS causing several damages to infrastructures and casualties to people and livestock. • A cyclonic circulation seen over south Andaman Sea on 14 December 2022 intensified to low pressure and likely to move westerly direction and intensify further to depression and deep depression. 	
<p>Salient synoptic features in the coming week (16-22 Dec. 22)</p>	<ul style="list-style-type: none"> • Westerly waves are likely to pass over northern parts of Afghanistan and Pakistan during 18-19 December 2022. • No significant synoptic phenomena over Bangladesh, Bhutan, Myanmar, Maldives and Nepal during the coming the week. • A low-pressure system over south Andaman Sea likely to intensify further to well-marked low pressure (WML) and move westerly direction towards Sri Lanka. 	
<p>Rainfall outlook (16 – 22 Dec. 22)</p>	<ul style="list-style-type: none"> • Mainly dry weather conditions to prevail over Afghanistan, Bangladesh, Bhutan, Nepal and Pakistan over the week. Northern parts of Afghanistan, Bhutan, Nepal and Pakistan likely to experience isolated rain and snow. • Possibility of isolated to scattered rain/thundershowers over Maldives and the southern parts of Myanmar. • Sri Lanka likely to experience scattered to fairly widespread rain/thundershower over the week with isolated heavy rain in some places. 	<p>Extended Range Outlook (until 28 December 2022)</p> <ul style="list-style-type: none"> • Probability of rainfall (>25mm) is likely over northeast and eastern parts of Sri Lanka and over isolated pockets in Maldives towards the week ending of 21 December 2022. • Reduced rainfall activity over the region towards the week ending of 28 December 2022.

<p>Temperature outlook (16-22 Dec. 22)</p>	<ul style="list-style-type: none"> • No significant anomalies are in forecasts. 	<p>Ocean Watch <i>Ocean Surface Forecast briefing during past week (09-15 Dec.22)</i></p> <ul style="list-style-type: none"> • Under the influence of cyclonic storm “Mandous” high wave warnings and alerts were issued to coastal areas of Tamil Nadu and Andhra Pradesh. • No significant events were observed. <p>Forecast for coming week (16-22 Dec. 22)</p> <ul style="list-style-type: none"> • Coastal areas of Sri Lanka, Maldives, Myanmar and Pakistan likely to experience rough seas (wind speed <10 m/s), however, no significant events are likely over the week.
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