



Weekly SAHF Forecasters' Forum (FF)#153

Date: 16th January 2025

Discussion Notes

<p>Realized Weather-Country Reports (10th - 16th Jan. 25)</p>	<ul style="list-style-type: none"> ▪ Bhutan experienced partly cloudy weather and light snowfall over northern. At the southern region highest temperature observed whereas lowest temperature experienced over northern regions. ▪ While Nepal experienced partly cloudy to mostly cloudy weather and received light rainfall and snowfall over many regions of the western hilly part of the country. Moreover, maximum and minimum temperature was observed above normal over the country. ▪ While Bangladesh experienced mild to moderate cold wave and dense fog over the country northern and northwestern part of the country during the first half of the last week. ▪ Myanmar experienced cloudy weather with scattered light rainfall over the northern regions of the country along with decreasing temperature. ▪ Maldives experienced scattered heavy rainfall with gusty wind due a cyclonic circulation mainly over central and some northern regions. ▪ Much of Sri Lanka basically eastern and northeastern regions of the country received heavy rainfall. Likewise, mostly the Northern Eastern, northern and eastern parts received much of the rainfalls due to the active monsoon conditions and the circulation which was persist around south west of the Sri Lanka. ▪ While Pakistan observed light rainfall and moderate snowfall over the northwestern part of the country. Also, dense foggy condition persisted over northeastern Panjab and Lahore regions. ▪ Much of Myanmar observed cloudy weather with isolated rainfall mostly the northern, southern and eastern regions.
<p>Significant Weather Features in the region for the coming week (17th - 23rd Jan. 25)</p>	<ul style="list-style-type: none"> ▪ An active northeast monsoon may persist and the mid-latitude westerly trough may influence rainfall, snowfall and fog over the hill states of Northwestern regions of Pakistan, Northwest and Central part of India, Nepal, Bhutan and Bangladesh in the coming week. Temperature may fall over the peninsula regions. ▪ A southeastern circulation persists over the South Bay of Bengal which may cause moderate intensity rainfall over southern part of India, Sri Lanka and Maldives. ▪ Due to active easterly wave dense fog may reduce visibility over the regions. Air pollution may persist over Northwestern Indian regions, Pakistan, Bhutan and Nepal and Bangladesh.
<p>Weather Outlook (17th – 23rd Jan. 25)</p>	<ul style="list-style-type: none"> ▪ Much of Bhutan is likely to experience partly to mostly cloudy with no rainfall and snowfall. And temperature may experience unchanged and no much difference from the last week. ▪ While Nepal may experience partly cloudy to generally cloudy condition in hilly and western mountainous area due to the western disturbance. Light rainfall and snowfall are expected to occur in high mountainous and central regions of the country. Both maximum and minimum temperature are likely to observe above normal. Also, foggy weather may remain over the southern regions. ▪ Maldives is likely to experience continuous heavy rainfall with wind gust due to prevailing easterly wave which may cause water logging for some of the low laying islands. ▪ Much of Myanmar may experience decreasing temperature and light rainfall over northern and northeastern part of the country due to the high-pressure system over

	<p>China.</p> <ul style="list-style-type: none"> ▪ Whereas Sri Lanka is likely to experience heavy to very heavy rainfall with thundershowers eastern and northeastern regions due to the influence active north eastern monsoon along with wind gust. ▪ Much of Bangladesh is likely to experience dry weather and mild to moderate cold wave with moderate to dense fog at many places of the country during the last half of the week. ▪ While Pakistan is likely to experience scattered rainfall over the northeastern and adjoining regions. Moreover, light to moderate snowfall may also continue to occur over the western hilly regions due to the western disturbance. Dense fog and decreasing temperature may also observe.
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<p>Extended Range Outlook (17 Jan 2025 – 16 Feb. 2025)</p>	<p>Extended Temperature outlook</p> <ul style="list-style-type: none"> ▪ Most of the countries of Northwestern part of South Asia especially northwestern India, Pakistan, and Afghanistan, Nepal, Bhutan and Bangladesh would initially experience below-normal temperatures till 3rd February and temperate may rise in the subsequent week ending on 10th February. 	<p>Extended Rainfall Outlook</p> <ul style="list-style-type: none"> ▪ Significant amount of rainfall and snowfall is expected around the equatorial Northwestern Himalayan and hilly regions till January 27th due to the active passage of easterly waves. Sri Lanka, Maldives and most of the southern parts of India, basically Tamil Nadu and would likely to get good amount of rainfall because of active northeastern monsoon in week 1-3.
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<p>Ocean Watch</p>	<p>Observed Ocean Surface Conditions (10th – 16th Jan. 25)</p> <ul style="list-style-type: none"> ▪ Normal waves and swell surge observed over most coastal regions such as around 1.2 meter per second. And maximum wave heights were observed up to 3.1 meters and swell wave heights were observed up 1.6 to 1.7 meter per second, periods were 8 to 22 seconds were in the most southern coast of Kanyakumari. <p>Forecast for the coming week (17th - 23rd Jan. 25)</p> <ul style="list-style-type: none"> ▪ Some Significant wave height, and surges are expected over the southern coastal regions of Southern North, Southern Indian Ocean and some coast of Sri Lanka and Maldives due to a system in the South Indian Ocean.
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