

Weekly SAHF Forecasters' Forum (FF)#174

Date: 12th June 2025

Discussion Notes

Realized Weather-Country Reports (6th – 12th Jun 25)	<ul style="list-style-type: none"> ▪ Bangladesh observed thundershowers with lightning flashes at a few places over the country with moderately heavy rainfall at places. Mild heatwave was swept at many places over the country. Maximum temperature was recorded in western part of the country and minimum temperature was recorded in central part of the country. ▪ Myanmar observed isolated thundershowers in central and northern parts of the country and fairly widespread to widespread rain in southern part whereas, isolated heavy rainfall occurred in some regions. Maximum temperature is recorded in the central part of the country, and highest rainfall recorded in eastern part of the country. ▪ Maldives experienced mostly heavy showers in southern part of the country. Isolated showers and strong winds were reported in the central and northern part of the country. ▪ Sri Lanka experienced mostly dry weather over most parts of the country during 1st half and rainfall with strong winds in the southwestern part during the 2nd half of the week. Maximum rainfall was recorded in the central province. Whereas Highest temperature was recorded in the eastern province and lowest temperature in the central province of the country.
Significant Weather Features in the region for the coming week (13th Jun – 19th Jun 25)	<ul style="list-style-type: none"> ▪ A strong monsoon circulation is likely to observe over the Gangetic Plain, western ghat, northwest and northeast India, Bangladesh, Bhutan, Nepal, Myanmar, Sri Lanka, Maldives and rest of the countries such as Afghanistan, Pakistan and Northwestern part of India is likely to get heatwave in the coming week. ▪ Intense lightning activities are likely to be seen over the hill states of India, Nepal, Bhutan and the active zone of monsoon specifically the Arakan coast and entire zones of the peninsula where rainfall pockets are going to be higher. ▪ IOD currently is neutral but expected to go on negative side whereas, MJO is going to be positive and contributing monsoon circulation to become stronger.
Weather Outlook (13th Jun – 19th Jun 25)	<ul style="list-style-type: none"> ▪ Bhutan is expecting mostly cloudy to cloudy weather with moderate to heavy rainfall with thunderstorms over most part of the country. Whereas temperature may decrease due to rainfall over the country. ▪ Nepal may experience moderate to heavy rainfall with thunderstorm all over the country due to active monsoon circulation during 1st half of the week. Whereas from the 2nd half, one or two places of each province may experience decreasing trend of rainfall. ▪ Bangladesh is likely to experience light to moderate rain with lightning flashes and temporary gusty winds at a few places of the country during the 1st half and moderately heavy to heavy rainfall at most places during the 2nd half of the week. Whereas, mild heatwave is expected to sweep over western and central part of the country during 1st half of the week. ▪ Maldives is expecting scattered showers across the country and mostly in southern and central regions. In the northern part of the country, heavy showers and strong winds are expecting during mid of the week. ▪ Myanmar may experience fairly widespread to widespread rainfall over the whole country with isolated heavy rainfall in western coastal region, delta region, northern

	<p>and southern parts of the count</p> <ul style="list-style-type: none"> Sri Lanka is expecting rainfall during 1st half of the week in the northwestern and southwestern part of the country. Strong winds are also expecting over central, western, northwestern and southern province of the country. 	
<p>Extended Range Outlook (13th Jun – 4th Jul 25)</p>	<p>Extended Temperature outlook</p> <ul style="list-style-type: none"> Below normal anomalies of temperature may persist over the East India during 1st week. In the 2nd week, below normal anomalies spread up to the central India. Above normal temperature is expected during the 3rd and 4th week. Heat wave like conditions may return by week 4, at least in some parts of India 	<p>Extended Rainfall Outlook</p> <ul style="list-style-type: none"> Above normal rainfall is expected during 1st week and 2nd week in along the west coast of India and also central parts of central India and also in Bay of Bengal. Below normal rainfall is expected during 3rd week and 4th week along the west coast of India, Arakan coast and also parts of central India.
<p>Ocean Watch</p>	<p>Observed Ocean Surface Conditions (6th Jun – 12th Jun 25)</p> <ul style="list-style-type: none"> A significant swell height for up to 16 seconds was observed in the Arabian Sea, Bay of Bengal and equatorial Indian Ocean, and significant Wave height and Swell Surge alert was issued for Andaman and Nicobar Islands. Maximum significant wave height was observed up to 3.6 meters in Bay of Bengal. Sea Surface Temperatures were ranges up to 32.5 degrees centigrade in Bay of Bengal. <p>Forecast for the coming week (13th Jun – 19th Jun 25)</p> <ul style="list-style-type: none"> Significant Wave Height is expected up to 3 meters in Indian ocean and 5.8 meters in the Central Arabian Sea. The Swell Height is expected up to 2.2 meters in Bay of Bengal and 4.5 meters in Arabian Sea. Whereas Sea Surface Temperature is expected 29-31.5 degree centigrade in the Bay of Bengal and Arabian Sea. 	