

Weekly SAHF Forecasters' Forum (FF)#169

Date: 8th May 2025

Discussion Notes

Realized Weather-Country Reports (2nd May – 8th May 25)	<ul style="list-style-type: none"> ▪ Bhutan observed partly to mostly cloudy weather with light rainfall and thunderstorm over the country. The highest rainfall recorded in southeastern regions of the country. Whereas highest temperature recorded over the southern region and lowest was over the northern region. ▪ Nepal experienced partly to generally cloudy condition over the most of the country, light to moderate rainfall over few places of the country with thunder and lightning. Isolated heavy rainfall was also observed in one or two places of eastern and western region of the country. Gusty wind observed in southern part of Nepal. Whereas temperature remained below normal value. ▪ Bangladesh experienced rainfall with thundershowers and lightning at one or two places over the country. Mild heatwave observed over the western and southwestern regions of the country. ▪ Maldives experienced transition of monsoon from northwest to southwest. Very strong intense cloud observed over mostly southern and central part of the country. Heavy rainfall is experienced over very heavy showers is experienced over the country. Moreover, Maldives officially declared monsoon onset over the southern part of the country. ▪ Sri Lanka experienced heavy rainfall with thundershowers at several places over the most part of the island. Maximum rainfall was reported in the western province of the country. Whereas Minimum temperature was recorded in the central province and maximum temperature was recorded in northern province of the country.
Significant Weather Features in the region for the coming week (9th – 15th May 25)	<ul style="list-style-type: none"> ▪ A mid-latitude circulation is persisting over North Arabian Sea along with westerly trough may induce light to moderate rainfall with thunderstorm activities over the hilly states, northwest and northern India, Sri Lanka, Maldives. Whereas, intense thundershowers likely to be seen over the northern part of Bangladesh, Northeast India, Assam region and moderate thundershowers all over Myanmar. ▪ By the end of this week monsoon circulation could be seen in the Bay of Bengal and may onset over Myanmar and Sri Lanka. ▪ IOD currently is neutral and likely to continue up to June and it doesn't affect the monsoon rainfall. MJO also seems to be neutral in this week.
Weather Outlook (9th– 15th May 25)	<ul style="list-style-type: none"> ▪ Bhutan is likely to experience mostly cloudy to cloudy weather with light to moderate rainfall, thunderstorms and gusty wind. ▪ Nepal may receive partly to generally cloudy condition in hilly region of the country whereas partly cloudy to mainly fair weather may persist over the southern parts. Light to moderate rainfall with thunder and lightning is likely to observe over the hilly region and at a few places of the country. Isolated heavy rainfall is also expected in one or two places of the hilly region of the country. Both maximum and minimum temperature are expected to be above normal. ▪ Bangladesh is likely to experience mainly dry with temporary partly cloudy sky in the 1st half of the week. Whereas rainfall with thundershower, lightning and temporal gusty wind may occur at a few places during 2nd half of the week over the country. Heatwave may spread and continue during 1st half of the week. ▪ Maldives is likely to experience isolated showers and thunderstorms over northern part and scattered rain and thundershowers over southern and central part of the country on the 1st half of the week, whereas expecting scattered rain and

	<p>thunderstorms across the country on 2nd half of the week.</p> <ul style="list-style-type: none"> ▪ Myanmar may experience moderate thundershowers all over the country. ▪ Sri Lanka is expecting evening thundershowers over the most of the parts of the island, and morning thundershowers in the southeastern part of the country on the 1st half of the week. ▪ While Pakistan is likely to experience rainfall in the northern part of the country.
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<p>Extended Range Outlook (9th May – 5th Jun 2025)</p>	<p>Extended Temperature outlook</p> <ul style="list-style-type: none"> ▪ Above normal anomalies of minimum temperature may persist in all the countries from 1st week to 4th week. ▪ Below normal anomalies of maximum temperature may prevail in the northern and northwest part of India on the 1st week and above normal maximum temperature may started from 2nd week. On the 2nd week all the countries except northern part of Nepal, Bhutan and southern part of Myanmar may experience above normal maximum temperature. Above normal anomalies of maximum temperature are likely to prevail over Pakistan, northern India, southern India and northeast India within 3rd week and 4th week. On 4th week, below normal maximum temperature is expected in eastern part of India, southern part of Nepal, Bangladesh and Myanmar. 	<p>Extended Rainfall Outlook</p> <ul style="list-style-type: none"> ▪ The west coast of India is expecting below normal rainfall anomalies from 1st week to 4th week. Arakan coast along with some part of Bangladesh and southern part of Nepal may experience below normal rainfall in the 1st week. Whereas, the above normal rainfall is likely to experience in the northeast India on 1st and 2nd week, the Arakan coast from 2nd week to 4th week, and in Bangladesh on 4th week especially the southeast coast of the country.
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<p>Ocean Watch</p>	<p>Observed Ocean Surface Conditions (2nd – 8th May 25)</p> <ul style="list-style-type: none"> ▪ A significant swell height for 20 to 23 seconds has been observed over Arabian Sea, Bay of Bengal and equatorial Indian Ocean, and swell surge alert has been issued to Andaman and Nicobar Islands including East and West Coast of India. Maximum significant wave height was observed around 0.5 to 3.0 meters. Sea surface temperatures were 23 to 33.5 degrees centigrade. <p>Forecast for the coming week (9th – 15th May 25)</p> <ul style="list-style-type: none"> ▪ Almost normal wave height is expected around 1.1 to 2.7 meters and southern regions of Indian Ocean are expected around 5.2 to 5.5 meters. Also, sea surface temperature is expected to be 31.7 to 33.5 degree centigrade in the Bay of Bengal.
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