

## Weekly SAHF Forecasters' Forum (FF)#171

Date: 22<sup>nd</sup> May 2025

### Discussion Notes

<p><b>Realized Weather-Country Reports (16<sup>th</sup> May – 22<sup>nd</sup> May 25)</b></p>	<ul style="list-style-type: none"> <li>Bhutan observed mostly cloudy to cloudy weather with light to moderate rainfall and thunderstorms over the country. The highest rainfall recorded in southeastern regions of the country. Whereas highest temperature recorded over the western region of the country and lowest temperature over the northern region.</li> <li>Nepal experienced generally cloudy conditions almost throughout the country, cloudy to overcast conditions in the hilly and mountainous regions. Thus no heatwave condition was experienced this week. Light to moderate rainfall was observed in almost every part of the country and heavy to very heavy rainfall in few places of eastern to central region.</li> <li>Bangladesh experienced rain with thunderstorm and lightning flashes at a few places over the country. Day temperature increased slightly during the 1<sup>st</sup> half of the week and night temperature decreased slightly during the 2<sup>nd</sup> half. Mild heatwaves observed at a few places during the first 2 days and last 3 days of the week.</li> <li>Maldives observed heavy rain and strong winds over the country, mostly in the central and northern part of the country. A news article has been issued regarding the active monsoon and possible severe weather on 17th May.</li> <li>Sri Lanka experienced thunderstorms in most parts of the island during evening and night. Maximum rainfall was reported in the southwestern part of the island. Whereas minimum temperature was recorded in the central hills and maximum temperature was recorded in the northern part of the Island.</li> <li>Pakistan observed heatwaves in most parts of the country, especially the plain areas in south Punjab, central Punjab and issued a press release on heatwaves.</li> </ul>
<p><b>Significant Weather Features in the region for the coming week (23<sup>rd</sup> May – 29<sup>th</sup> May 25)</b></p>	<ul style="list-style-type: none"> <li>The well organized mid-latitude circulations over Bay of Bengal, eastern Arabian sea with westerlies and movement of monsoon air mass indicates the establishment of monsoon current. The onset of monsoon is expected in Peninsular India by 22<sup>nd</sup> May. This monsoon air mass will bring thunderstorms and large scale precipitation throughout the week. Maximum rainfall activity is likely to occur in the West coast and Arakan coast and these thundershowers may continue up to Nepal, Bhutan, northern part of Bangladesh and eastern part of India. A lot of lightning activities are likely to be seen over the northeast and eastern part of India, Bangladesh, Nepal and Myanmar.</li> <li>Whereas, hot weather conditions may persist in Pakistan, Afghanistan and northern part of India.</li> <li>IOD currently is neutral but on the positive side and MJO seems to be positive in the 2<sup>nd</sup> half of the week. Thus, a very active monsoon condition with above normal precipitation over Bay of Bengal and west coast of India is expected to be seen in the coming week.</li> </ul>
<p><b>Weather Outlook (23<sup>rd</sup> May – 29<sup>th</sup> May 25)</b></p>	<ul style="list-style-type: none"> <li>Bhutan is expecting mostly cloudy to cloudy weather with light rainfall over the country along with thunderstorms and gusty winds in a few places.</li> <li>Nepal is expecting generally to mostly cloudy conditions throughout the country over the week and in the Torai region partly to generally cloudy conditions within this week. Light to moderate rainfall is likely to be observed in the Torai region and heavy to very heavy rainfall in few places of the country. Light snowfall is also</li> </ul>

	<p>expected in Himalayan region. Below normal to normal temperature is expected to be observed over the country. The onset of monsoon in Nepal is expected by the end of this week.</p> <ul style="list-style-type: none"> <li>▪ Bangladesh is likely to experience light to moderate rain and thunderstorms with lightning flashes at a few places during the 1<sup>st</sup> half of the week and the sheatwave may abate from some places. Day temperature may decrease slightly, and night temperature may remain nearly unchanged. A low pressure is likely to form over the Bay of Bengal in the 2nd half of the week.</li> <li>▪ Maldives is likely to experience showers and strong winds mostly over the northern part of the country this week. Generally fine weather is expected in the central and southern part of the country.</li> <li>▪ Myanmar may experience heavy to very heavy thundershowers with lightning activities in the Arakan coast and moderate to heavy rainfall all over the country.</li> <li>▪ Sri Lanka is expecting an increase of rainfall over the southwestern parts of the country with the enhancement of wind speed and wind pattern. Thus Sri Lanka is expecting early southwest monsoon this year within the next week.</li> <li>▪ Pakistan is likely to experience heatwave conditions in the 1st half of the week over the country and high temperature is likely to continue in the southern part of the country. Rain with thunderstorms and wind is expected in northern area in 1st half and in the 2nd half northern area and isolated places in upper Punjab, upper and central KP, Kashmir and Gilgit-Baltistan region.</li> </ul>
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<p><b>Extended Range Outlook</b> (23<sup>rd</sup> May – 19<sup>th</sup> Jun 2025)</p>	<p>Extended Temperature outlook</p> <ul style="list-style-type: none"> <li>▪ Below normal anomalies of temperature may persist in all countries except Northwest India and Pakistan which is expecting above normal temperature in the 1<sup>st</sup> week.</li> <li>▪ Below normal temperature may persist in India up to 3rd week and may extend in northern Pakistan on the 3rd week.</li> <li>▪ Above normal anomalies of temperature may prevail in the southern peninsula, eastern and northeastern part of India, Bangladesh and Myanmar from the 1<sup>st</sup> week to 3<sup>rd</sup> week, and above normal maximum temperature may observed from 1<sup>st</sup> week to 4<sup>th</sup> week in Pakistan and Bhutan, up to 2<sup>nd</sup> week over the parts of Northwest India, on 3<sup>rd</sup> and 4<sup>th</sup> week in northern India and Sri Lanka, and only 4<sup>th</sup> week in western part of India.</li> </ul>	<p>Extended Rainfall Outlook</p> <ul style="list-style-type: none"> <li>▪ The west coast of India, particularly over Kerala, is expecting above normal rainfall anomalies from 1<sup>st</sup> week to 3<sup>rd</sup> week; this may decrease slightly in the 4<sup>th</sup> week. Arakan coast and southwest coast of Bangladesh along with north and northwestern part of Bangladesh, southern part of Bhutan, central part of Nepal and Meghalaya, Assam region of India may experience above normal rainfall from 1<sup>st</sup> week to 3<sup>rd</sup> week. In the 4<sup>th</sup> week Meghalaya and Assam region of India including western part of Bangladesh is likely to have above normal rainfall. The southwest coast of Sri Lanka may receive above normal rainfall in the 2<sup>nd</sup> week and 4<sup>th</sup> week.</li> <li>▪ Whereas, the below normal rainfall is likely to be experienced in the Arunachal Pradesh of northeast India from 1<sup>st</sup> week to 3<sup>rd</sup> week, the southern Arakan coast on 1<sup>st</sup> and 4<sup>th</sup> week, northern part of Pakistan on 1<sup>st</sup> week, west of Assam in India on 3<sup>rd</sup> week and</li> </ul>
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		<p>northwest part of Bangladesh on 4<sup>th</sup> week.</p> <ul style="list-style-type: none"> <li>▪ The probability of the onset of monsoon in southern India is expected to be around 22<sup>nd</sup> May.</li> </ul>
<b>Ocean Watch</b>	<p><b>Observed Ocean Surface Conditions (16<sup>th</sup> May – 22<sup>nd</sup> May 25)</b></p> <ul style="list-style-type: none"> <li>▪ A significant swell height for 08 to 18 seconds has been observed in the Arabian Sea, Bay of Bengal and equatorial Indian Ocean, and swell surge alert has been issued to a few areas of Indian Coastline. Maximum significant wave height was observed around 0.5 to 3.4 meters in Bay of Bengal and Arabian Sea. Sea surface temperatures were 23 to 33 degrees centigrade.</li> </ul> <p><b>Forecast for the coming week (23<sup>rd</sup> May – 29<sup>th</sup> May 25)</b></p> <ul style="list-style-type: none"> <li>▪ Almost normal wave height is expected around 7.8 to 7.9 meters, maximum in the eastern Arabian Sea. Sea surface temperature is expected to be around 32.7 degree centigrade in the Bay of Bengal and 31.8-32.3 degree centigrade in the Arabian Sea.</li> </ul>	