

Weekly SAHF Forecasters' Forum (FF) #199

Date: 4th December 2025

Discussion Notes

<p>Realized Weather-Country Reports (28th Nov– 4th Dec 2025)</p>	<ul style="list-style-type: none"> Bhutan experienced mostly dry and stable conditions with prevailing sunny to partly cloudy skies. Temperatures fluctuated within the normal range, while high-elevation areas reported cold mornings and nights. Light snowfall occurred over some high passes during the early part of the week. Bangladesh remained dry throughout the period under the influence of northeast monsoon conditions. Skies were mostly clear, with a gradual fall in minimum temperatures recorded over many stations. Light fog formed during early morning hours over river basins and adjacent low-lying regions. Nepal observed mainly fair conditions across most parts of the country. Only isolated light rain or snowfall occurred over high-elevation areas in association with weak passing westerly disturbances. Maximum temperatures remained slightly above normal, while minimum temperatures continued to decrease seasonally. Myanmar experienced isolated to scattered rainfall over the northern and eastern regions, while central and southern parts of the country remained predominantly dry. Night temperatures fell by about 2–3°C in several northern and central stations. Maldives recorded scattered showers and thunderstorms, particularly over the southern atolls at the beginning of the week. Northern and central atolls experienced mainly fair weather, with moderate winds and periods of rough sea conditions. Sri Lanka was severely impacted by Cyclone <i>Ditwa</i>, which crossed the island from southeast to north between 27–30 November. Extremely heavy rainfall exceeding 200–300 mm in multiple locations triggered widespread flooding, landslides, flash floods and major infrastructure damage across all districts. Conditions remained unstable through much of the week, with continued rainfall and strong winds affecting several areas.
<p>Significant Weather Features in the region for the coming week (5th – 11th Dec 2025)</p>	<ul style="list-style-type: none"> A residual cyclonic circulation over the southwest Bay of Bengal and adjoining areas, together with an active ITCZ positioned near Sri Lanka latitudes, will continue to support convective activity over Sri Lanka, southeast India and nearby ocean areas during the early part of the week. Moisture transport from the equatorial Indian Ocean will sustain periods of rainfall over these regions before gradually weakening later in the period. Northeast monsoon flow will persist across Bangladesh, Nepal, Bhutan and northern India, maintaining generally dry and cool conditions. Weak westerly disturbances passing to the north of the region will bring isolated light rain or snowfall over high-elevation areas of Nepal and Bhutan and over the western Himalayan sector. Southwest monsoon residual effects are not expected, and no significant synoptic-scale system is likely to affect Pakistan or Myanmar, apart from isolated precipitation in northern Myanmar during the early days of the week. Oceanic and atmospheric indicators show MJO activity remaining weakly enhanced over the Indian Ocean with neutral IOD conditions, supporting localized

	convective pockets primarily over the southern Bay and Sri Lanka-Maldives region.
Weather Outlook (5 th Dec – 11 th Dec 2025)	<ul style="list-style-type: none"> ▪ Bhutan is expected to experience mainly fair weather with partly cloudy skies across most areas. Isolated light rain or snowfall may occur over the northern and western highlands in association with a weak westerly disturbance. Minimum temperatures will continue to decline gradually. ▪ Bangladesh will remain mostly dry with clear to partly cloudy skies. Light fog may develop during late night and early morning hours, especially over river basins and northwestern regions. A slight drop in minimum temperatures of about 1–2°C is anticipated. ▪ Nepal will observe mainly fair conditions, with isolated light rain or snowfall over high-elevation regions associated with passing westerly systems. Maximum temperatures are likely to remain slightly above normal, while nighttime temperatures continue to decrease. ▪ Myanmar will remain mostly dry across central and southern parts of the country. Isolated light rainfall is likely over some northern and eastern regions early in the week. Night temperatures may decline slightly over central and eastern areas. ▪ Maldives will experience isolated to scattered showers across the country throughout the week. Surface winds will remain moderate, varying from north-northwesterly in the northern atolls to southwesterly or westerly over central and southern atolls. ▪ Sri Lanka will continue to receive showers and thunderstorms at times over northern, eastern and north-central provinces, where localized heavy rainfall may occur, particularly in the first half of the week. Other regions may experience partly cloudy conditions with occasional afternoon or evening showers. Given the saturated ground and ongoing flood conditions, even moderate rainfall may worsen impacts. ▪ Pakistan will remain largely dry over most regions. A weak westerly disturbance may bring isolated light rain or snowfall to the northern mountainous areas, accompanied by a further decrease in night temperatures.

Extended Range Outlook (5 th Dec, 2025 – 1 st Jan, 2026)	Extended Temperature outlook <ul style="list-style-type: none"> ▪ Temperatures are expected to be near normal to slightly above normal over Bangladesh, Sri Lanka, Maldives, southern India, Myanmar and the plains of Nepal and Bhutan. ▪ Cooler-than-normal conditions are likely across northern Pakistan, northern India and adjoining Himalayan regions during episodes of westerly disturbances. ▪ Minimum temperatures will continue their seasonal decline, while daytime temperatures remain mostly near normal. 	Extended Rainfall Outlook <ul style="list-style-type: none"> ▪ During Week 1 (5–11 December), rainfall activity is expected to be above normal over parts of Sri Lanka, the central and southern Bay of Bengal and adjoining southeast India due to residual convective activity. Other areas, including Bangladesh, Nepal, Bhutan and Pakistan, will experience below-normal rainfall. ▪ During Week 2 (12–18 December), rainfall is expected to decrease across the Bay of Bengal region, with predominantly below-normal precipitation across most of South Asia. Light rainfall or snowfall may occur over the western Himalayan region due to weak westerly disturbances. ▪ During Weeks 3 and 4 (19 December – 1 January), below-normal rainfall is likely over much of the region. Only intermittent light precipitation is expected over higher elevations of
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		Pakistan, northern India, Nepal and Bhutan. Northeast monsoon rainfall over southern peninsular India and Sri Lanka is likely to remain subdued, while dry conditions prevail over Bangladesh and Myanmar.
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Ocean Watch	<p>Observed Ocean Surface Conditions (28th Nov – 4th Dec 2025)</p> <ul style="list-style-type: none"> Observed swell heights ranged between 0.5 and 2.5 meters in the Bay of Bengal and Arabian Sea. Wave heights varied between 0.7 and 3.2 meters across both basins. A swell surge advisory was issued for the east coast of India and the Andaman Sea region during the period. Sea Surface Temperatures remained warm, ranging from 25°C to 31.8°C across the equatorial Indian Ocean, Bay of Bengal and Arabian Sea. <p>Forecast for the coming week (5th Dec – 11th Dec 2025)</p> <ul style="list-style-type: none"> Swell wave heights are expected to reach 1.4–1.8 meters in the Arabian Sea and 1.2–2.0 meters in the Bay of Bengal. Wave heights are likely to range between 0.9–2.4 meters in the Arabian Sea and 0.8–2.3 meters in the Bay of Bengal. Sea Surface Temperatures are expected to remain between 30.3–32.0°C in the Arabian Sea and 30.6–32.1°C in the Bay of Bengal.
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