

## SAHF Forecasters' Forum #15

Date: 26 May 2022

### Discussion Notes

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| <p><b>Realized Weather<br/>(20-26 May 2022)</b></p> | <ul style="list-style-type: none"> <li>• Two WDs passed over north of Afghanistan and Pakistan, and continental dry air prevailing over the rest of the regions of Afghanistan and Pakistan.</li> <li>• Isolated and scattered rain/thundershowers observed over northern parts of Afghanistan and Pakistan with rest of the areas experiencing dry weather conditions.</li> <li>• Heatwave conditions are observed over some regions of Afghanistan and Pakistan till 22 May 2022. A maximum temperature of 49.5 °C was observed at Mohenjo-Daro on 21 May 2022.</li> <li>• Light to moderate rain/thundershowers observed over Nepal and Bhutan.</li> <li>• Westerly trough/east- west trough from east Uttar Pradesh to West Bengal and south-westerly wind flow from Bay of Bengal persisting over Bangladesh. Isolated and scattered rain/thundershowers at time widespread observed over some places in Bangladesh.</li> <li>• A low pressure over gulf of Martaban and adjoining Myanmar formed on 19 May 2022 and intensified to WML/Depression by 20 May 2022 that crossed Myanmar coast and has now weaken.</li> <li>• The southwest monsoon has progressed over the central parts of Myanmar on 25 May 2022. Isolated and scattered rain/thundershowers observed over the country with fairly widespread and isolated heavy rainfall over some areas.</li> <li>• Persistence of feeble westerly trough over north Myanmar and moderate strong south-westerly winds over southern Myanmar.</li> <li>• Persistence of north-south trough extending from Tamil Nadu to west of Sri Lanka. Moderate to at time strong south westerly winds (monsoon flow) observed.</li> <li>• Isolated and scattered rain/thundershowers observed over Sri Lanka with some areas experiencing fairly widespread rainfall.</li> <li>• Isolated and scattered rain/thundershowers activities observed cross Maldives with flow of winds mainly from south-westerly to north-westerly.</li> </ul> |
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| <p><b>Salient synoptic features in the coming week</b></p> | <ul style="list-style-type: none"> <li>• WD expected over Afghanistan and adjoining areas of Pakistan on 26 and 27 May 2022.</li> <li>• Persistence of strong south westerly winds from Bay of Bengal to north eastern regions at lower levels.</li> <li>• Persistence of south westerly wind flow over Myanmar with no significant synoptic situation.</li> <li>• Persistence of north-south trough to west of Sri Lanka at lower tropospheric levels.</li> <li>• Moderate to strong south westerly winds prevailing over Sri Lanka and Maldives.</li> <li>• Moderate to strong cross equatorial wind flow likely during this week.</li> </ul>   |  |
| <p><b>Rainfall outlook</b></p>                             | <ul style="list-style-type: none"> <li>• Dry weather conditions over most parts of Afghanistan and Pakistan, while rest of the region likely to experience scattered to fairly widespread rains/thundershowers over the next week.</li> <li>• Bhutan and Nepal likely to experience scattered rain/thundershowers over the next week with increase in rainfall activity towards week end.</li> <li>• Bangladesh and Maldives likely to experience gradual increase in rainfall over the next week.</li> <li>• Myanmar and Sri Lanka likely to experience isolated and scattered rain/thundershowers over the next week. While Sri Lanka is likely to experience fairly widespread and isolated spell over some areas towards the week ending of 29 May 2022, heavy rainfalls are likely mostly over south and central parts of Myanmar during the same period.</li> </ul> | <p><b>Extended Range Outlook (until 06 June 2022)</b></p> <ul style="list-style-type: none"> <li>• The percentage of weekly mean anomaly of rainfall likely to decrease towards the week ending of 30 May 2022 over much of Asia and further decrease in the weekly mean towards the week ending of 06 June 2022.</li> </ul> |
| <p><b>Temperature outlook</b></p>                          | <ul style="list-style-type: none"> <li>• Heatwave conditions with severe heat in few places are likely to prevail over Afghanistan and Pakistan until 30 May 2022. Temperatures likely to decrease thereafter.</li> </ul>   |  |
| <p><b>Seasonal Outlook</b></p>                             | <ul style="list-style-type: none"> <li>• The rainfall over much of Asia during</li> </ul>   |  |

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|                               | June 2022 is likely to be within range of normal to above normal.  |  |
| <b>New Products Discussed</b> | <ul style="list-style-type: none"><li>• Accumulated cyclone energy and Tropical Storm density estimates for the period June-November 2022</li><li>• Likely evolution of monthly monsoon rainfall pattern over South Asia and India</li></ul> |  |