

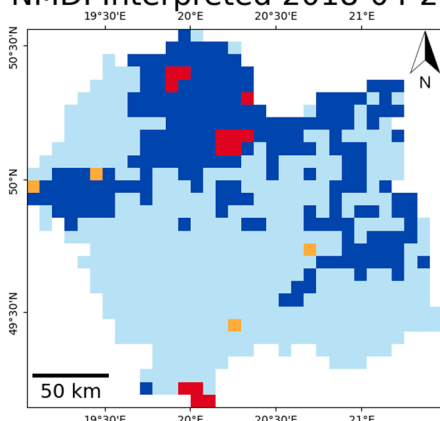
Supplementary File S1 – Full Set of Comparison Maps for NMDI and CDI;

NMDI: Very Wet Wet Dry Very Dry

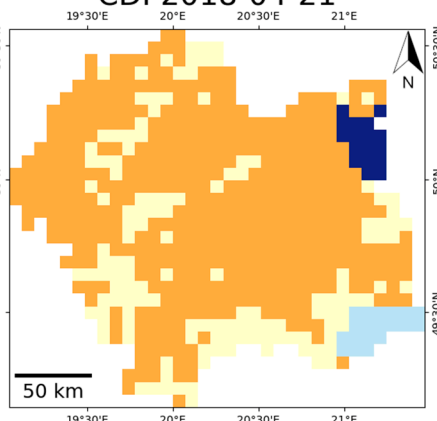
CDI: No Drought Watch Warning Alert Recovery TSMR TVR

TSMR – Temporary Soil Moisture Recovery; TVR – Temporary Vegetation Recovery

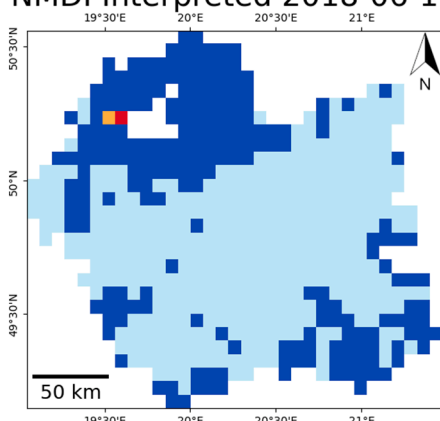
NMDI Interpreted 2018-04-20



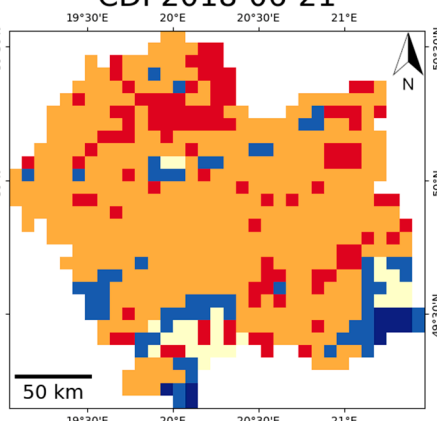
CDI 2018-04-21



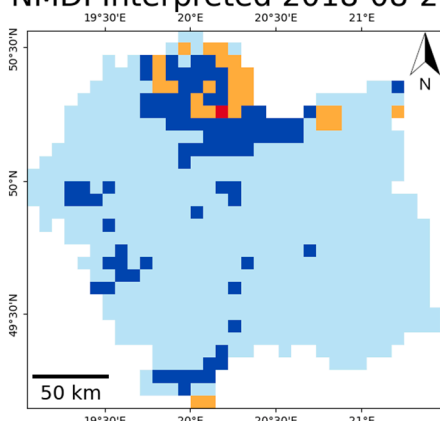
NMDI Interpreted 2018-06-19



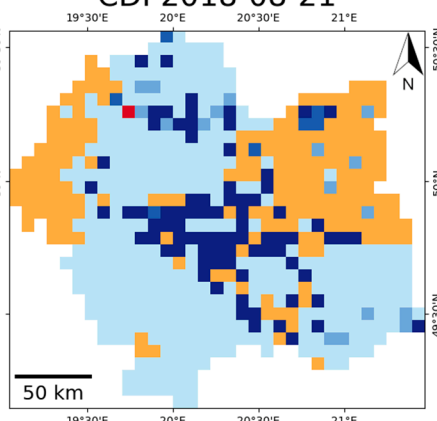
CDI 2018-06-21



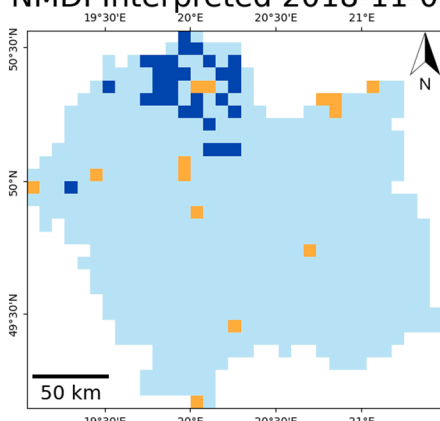
NMDI Interpreted 2018-08-23



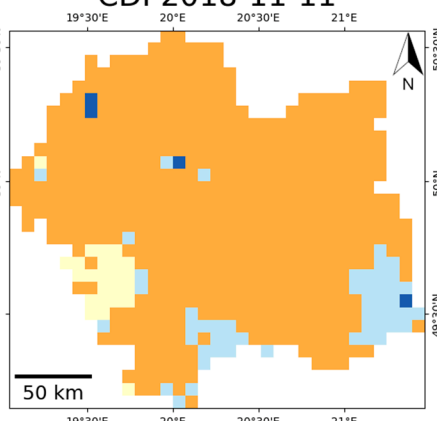
CDI 2018-08-21



NMDI Interpreted 2018-11-06

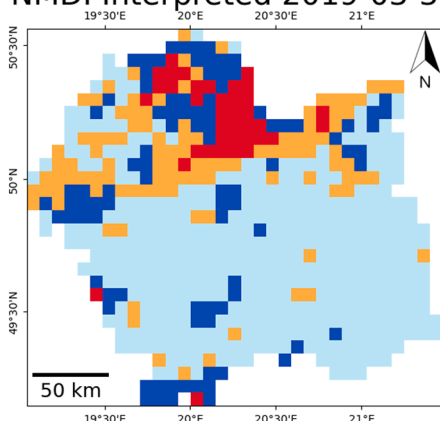


CDI 2018-11-11

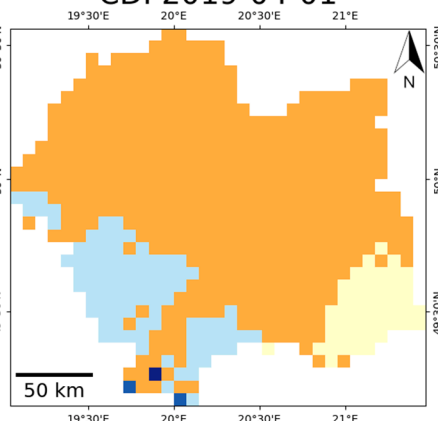


NMDI: Very Wet Wet Dry Very Dry
 CDI: No Drought Watch Warning Alert Recovery TSMR TVR
 TSMR – Temporary Soil Moisture Recovery; TVR – Temporary Vegetation Recovery

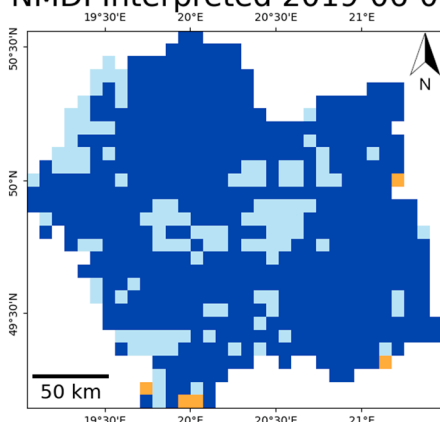
NMDI Interpreted 2019-03-31



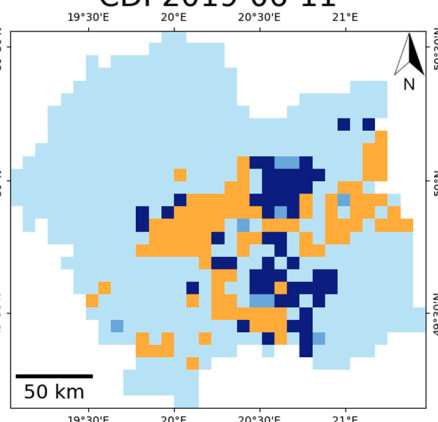
CDI 2019-04-01



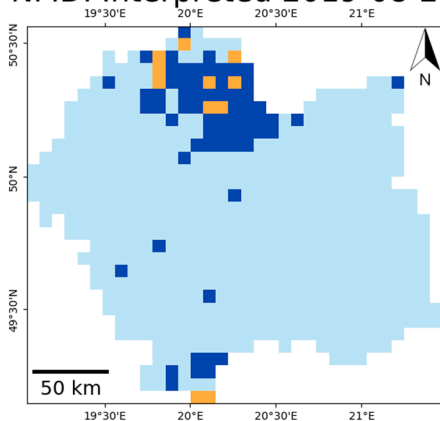
NMDI Interpreted 2019-06-09



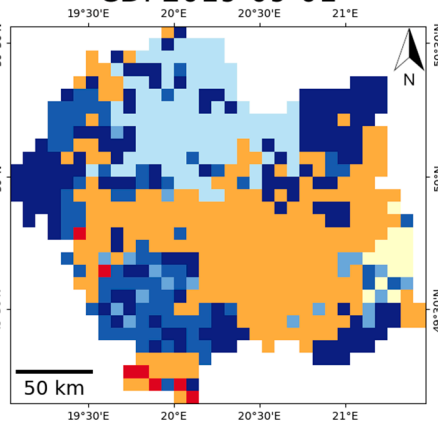
CDI 2019-06-11



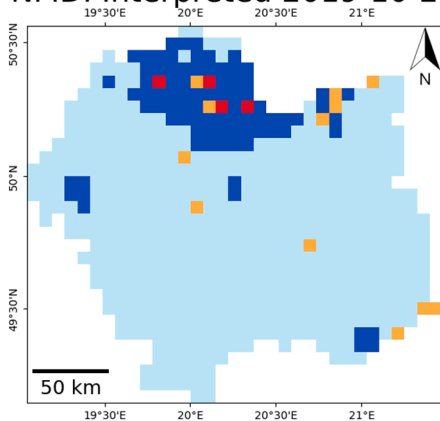
NMDI Interpreted 2019-08-28



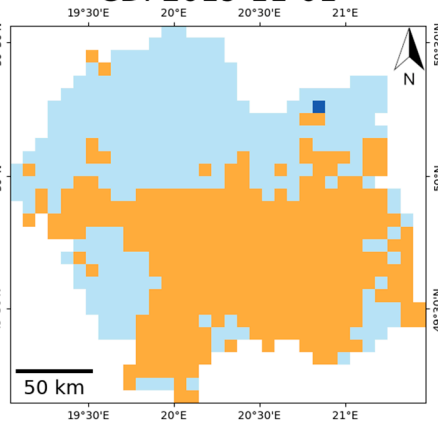
CDI 2019-09-01



NMDI Interpreted 2019-10-27

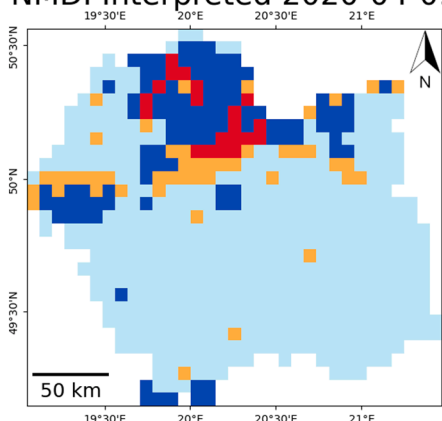


CDI 2019-11-01

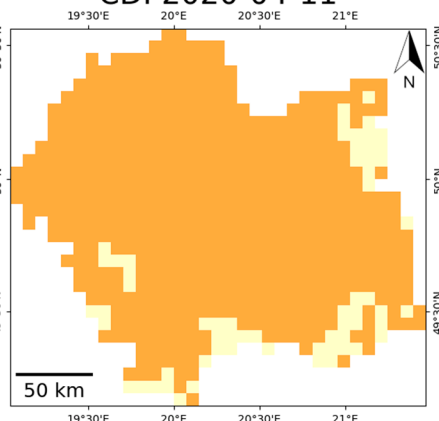


NMDI: Very Wet Wet Dry Very Dry
 CDI: No Drought Watch Warning Alert Recovery TSMR TVR
 TSMR – Temporary Soil Moisture Recovery; TVR – Temporary Vegetation Recovery

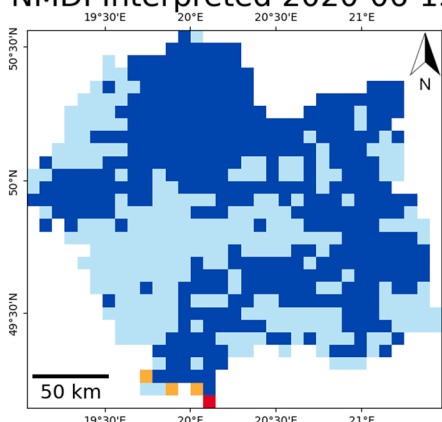
NMDI Interpreted 2020-04-09



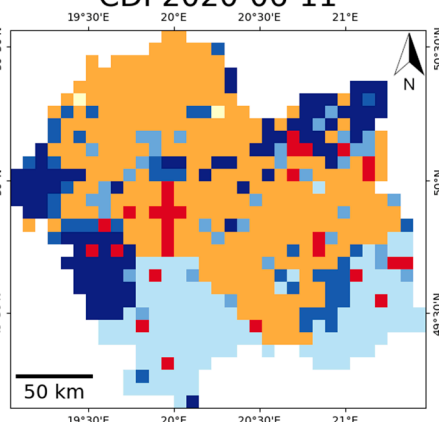
CDI 2020-04-11



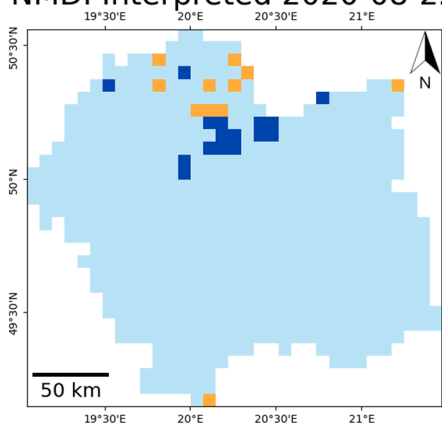
NMDI Interpreted 2020-06-13



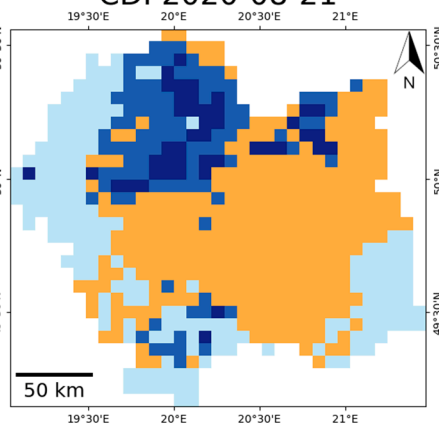
CDI 2020-06-11



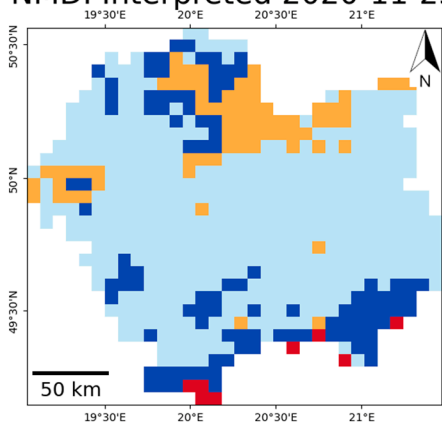
NMDI Interpreted 2020-08-22



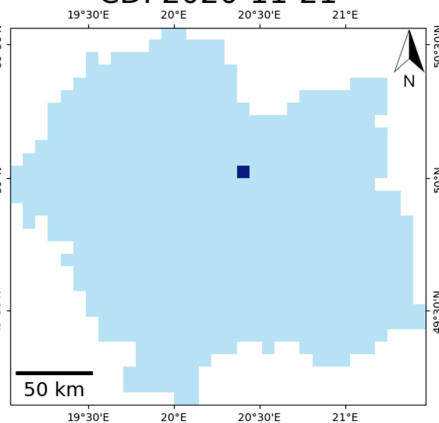
CDI 2020-08-21



NMDI Interpreted 2020-11-25

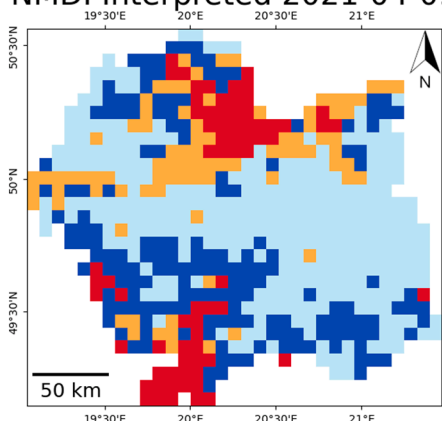


CDI 2020-11-21

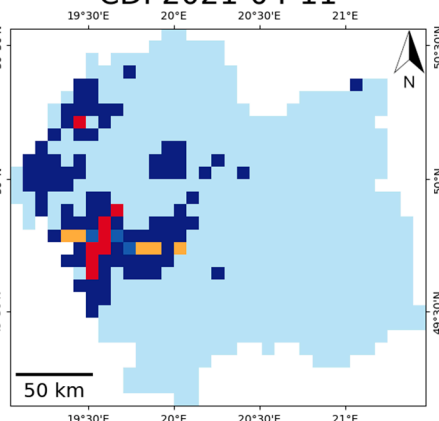


NMDI: Very Wet Wet Dry Very Dry
 CDI: No Drought Watch Warning Alert Recovery TSMR TVR
 TSMR – Temporary Soil Moisture Recovery; TVR – Temporary Vegetation Recovery

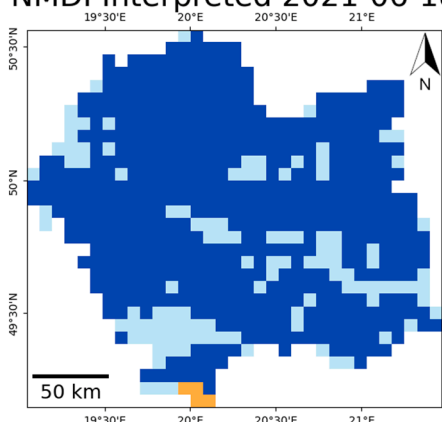
NMDI Interpreted 2021-04-09



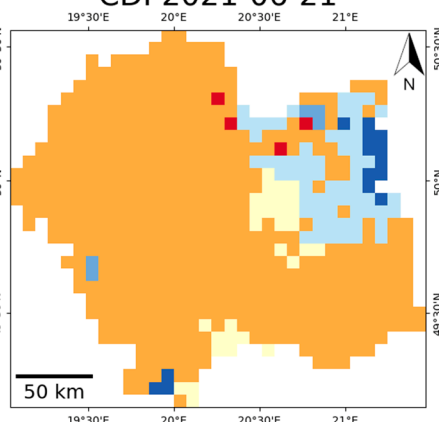
CDI 2021-04-11



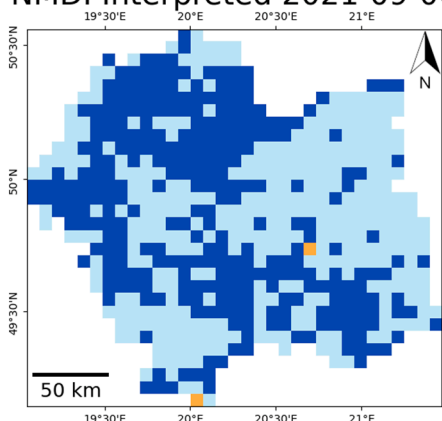
NMDI Interpreted 2021-06-18



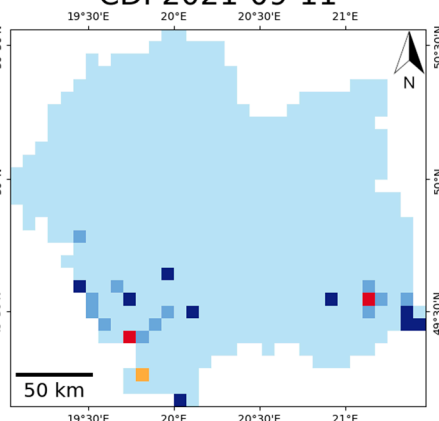
CDI 2021-06-21



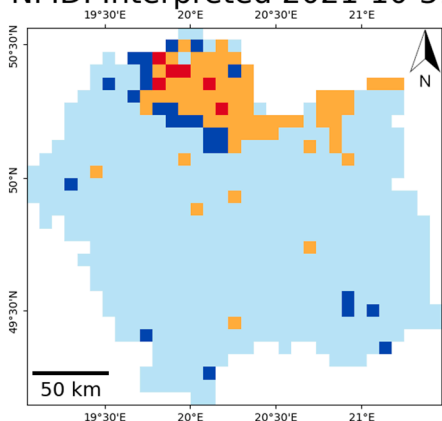
NMDI Interpreted 2021-09-06



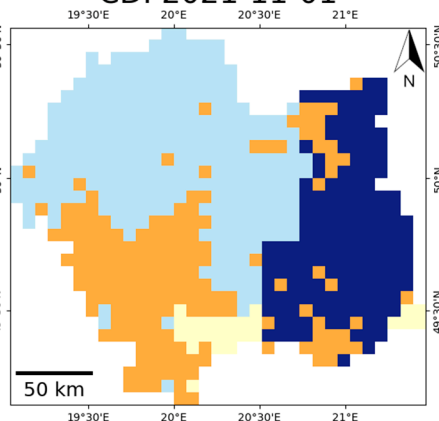
CDI 2021-09-11



NMDI Interpreted 2021-10-31

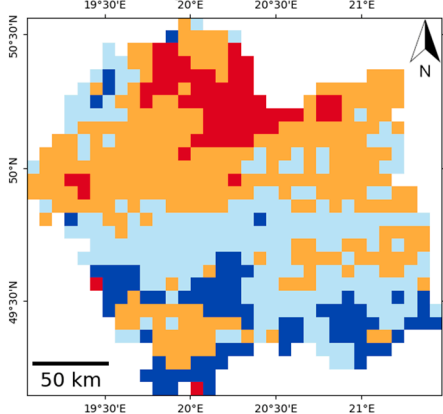


CDI 2021-11-01

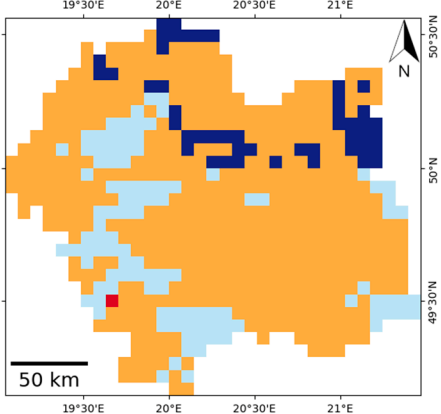


NMDI: Very Wet Wet Dry Very Dry
 CDI: No Drought Watch Warning Alert Recovery TSMR TVR
 TSMR – Temporary Soil Moisture Recovery; TVR – Temporary Vegetation Recovery

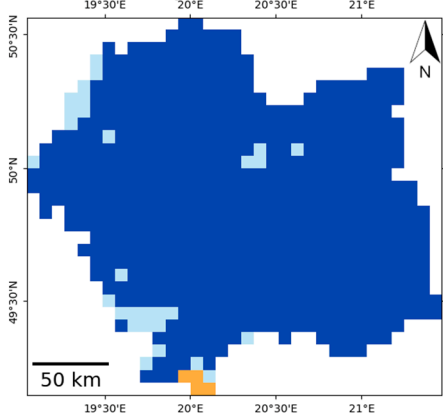
NMDI Interpreted 2022-03-25



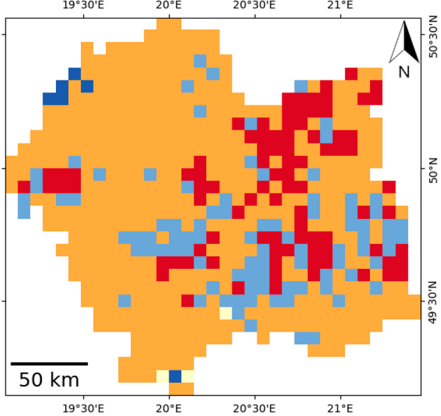
CDI 2022-03-21



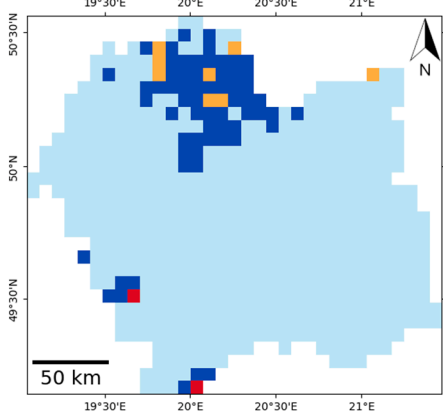
NMDI Interpreted 2022-06-03



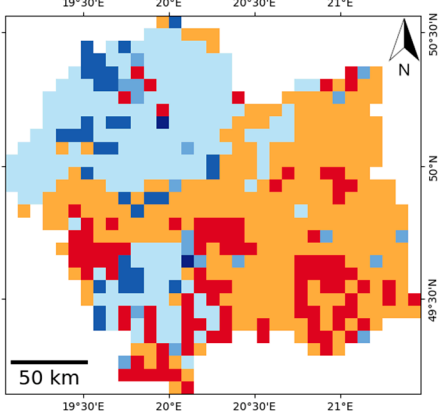
CDI 2022-06-01



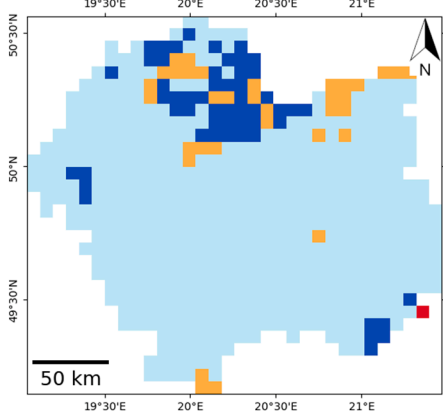
NMDI Interpreted 2022-08-27



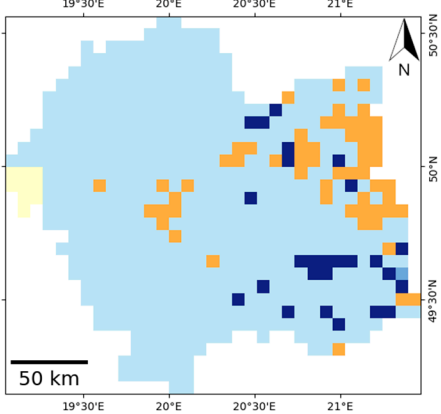
CDI 2022-09-01



NMDI Interpreted 2022-10-31

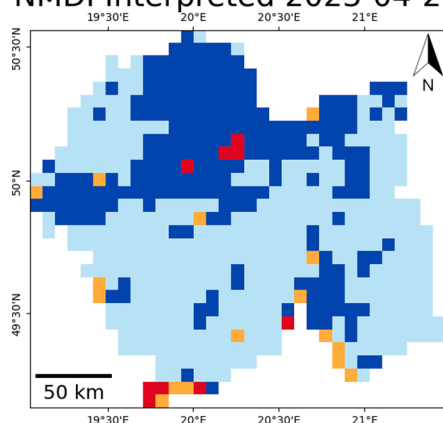


CDI 2022-11-01

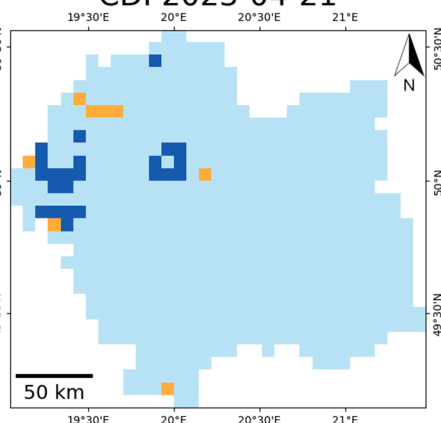


NMDI: Very Wet Wet Dry Very Dry
 CDI: No Drought Watch Warning Alert Recovery TSMR TVR
 TSMR – Temporary Soil Moisture Recovery; TVR – Temporary Vegetation Recovery

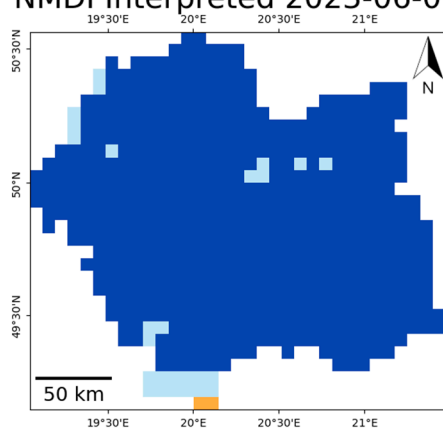
NMDI Interpreted 2023-04-22



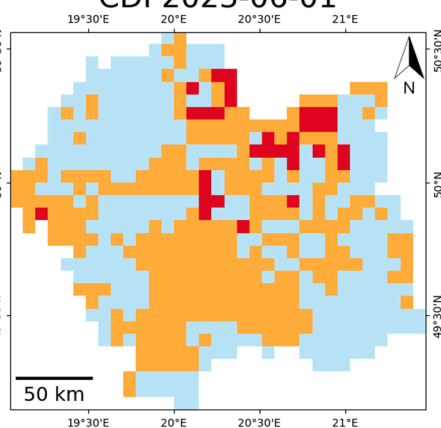
CDI 2023-04-21



NMDI Interpreted 2023-06-03



CDI 2023-06-01



Supplementary File S2 – Comparison of NMDI and CDI with rainfall anomaly computed based on cumulative rainfall from 30, 60 and 90 days.

