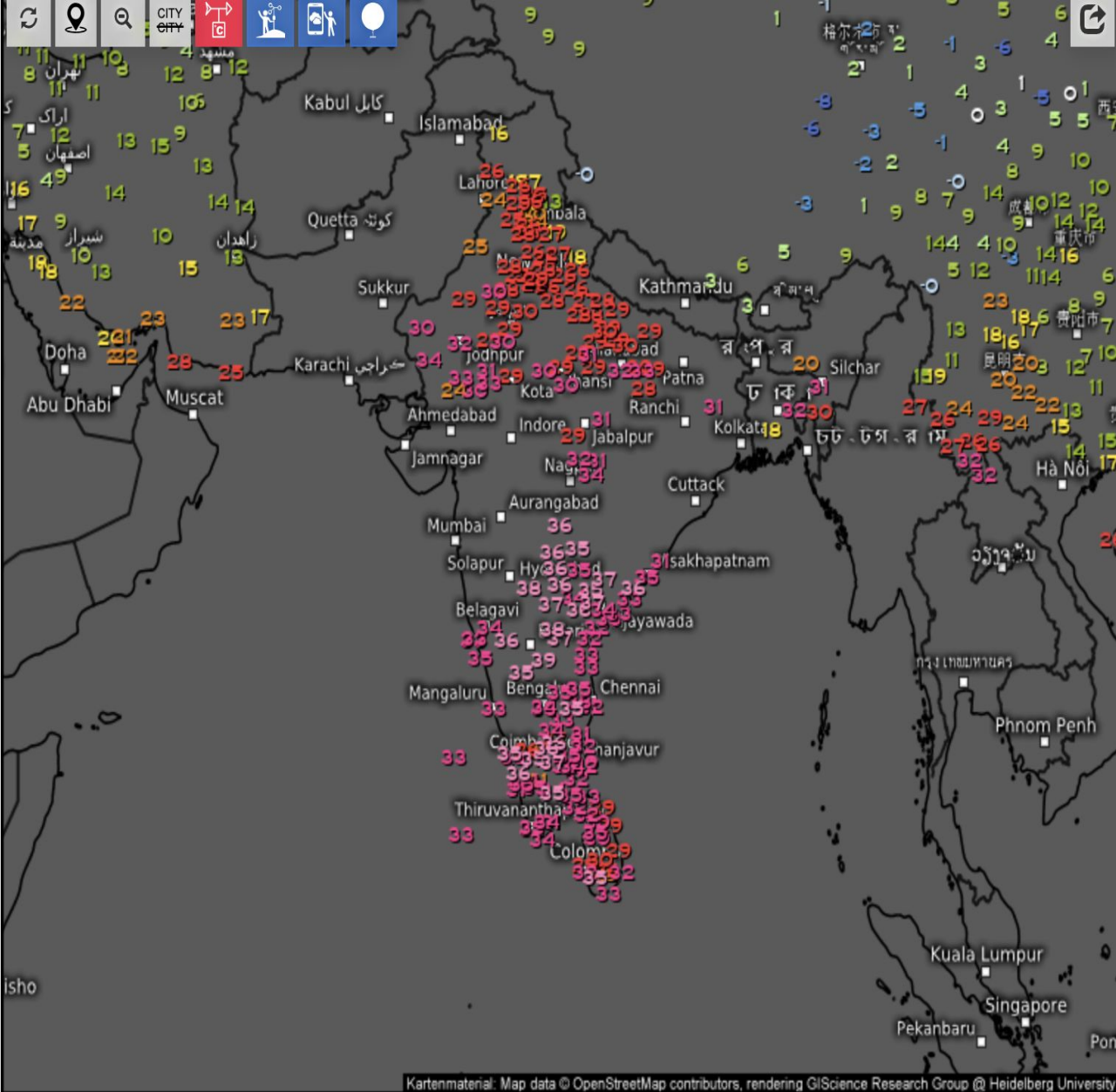




Day 2 (08:30 IST 18/2/2025 - 08:30 IST 20/2/2025)

Day 3 (08:30 IST 17/2/2025 - 08:30 IST 20/2/2025)

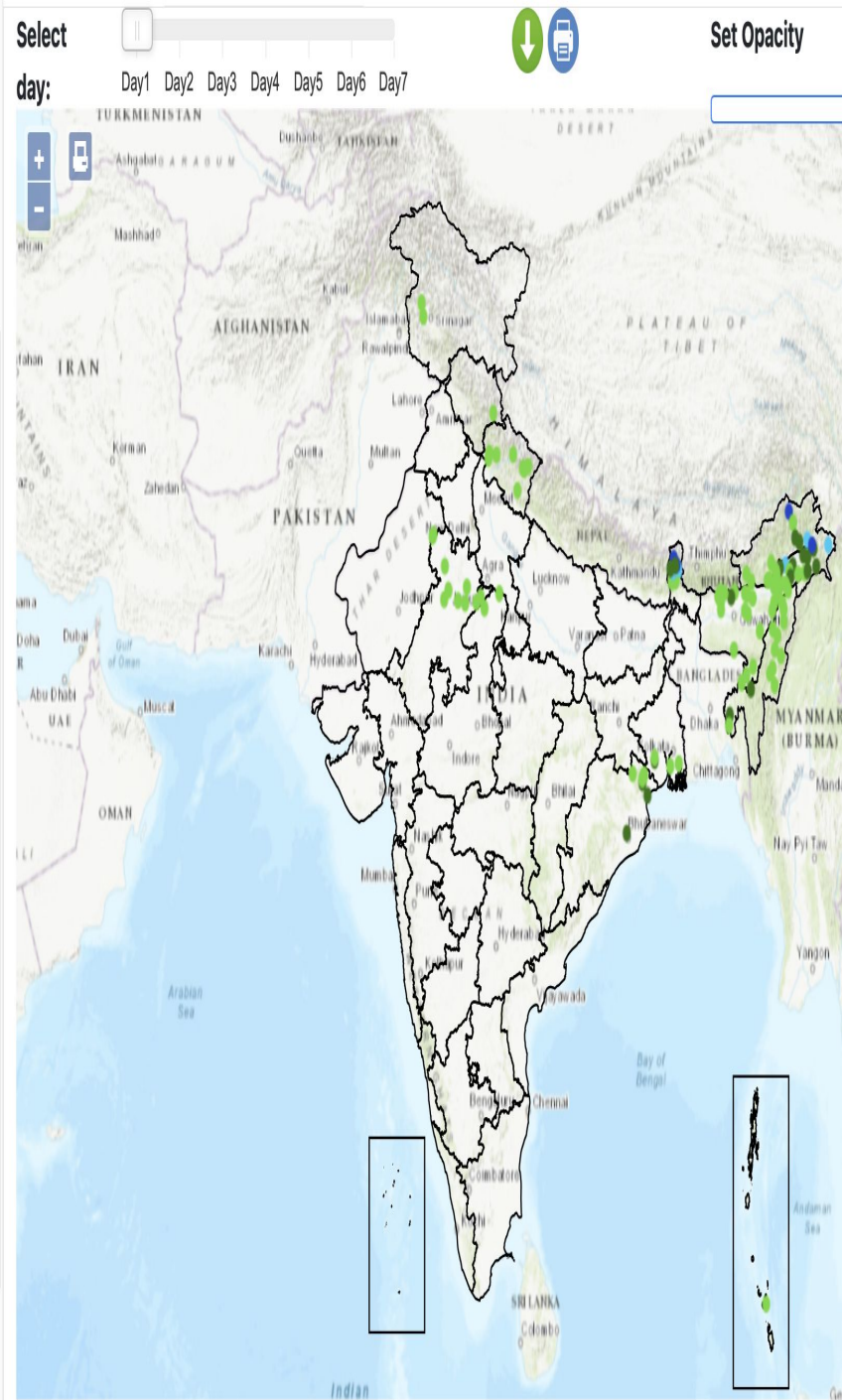
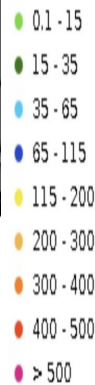
Day 4 (08:30 IST 16/2/2025 - 08:30 IST 20/2/2025)

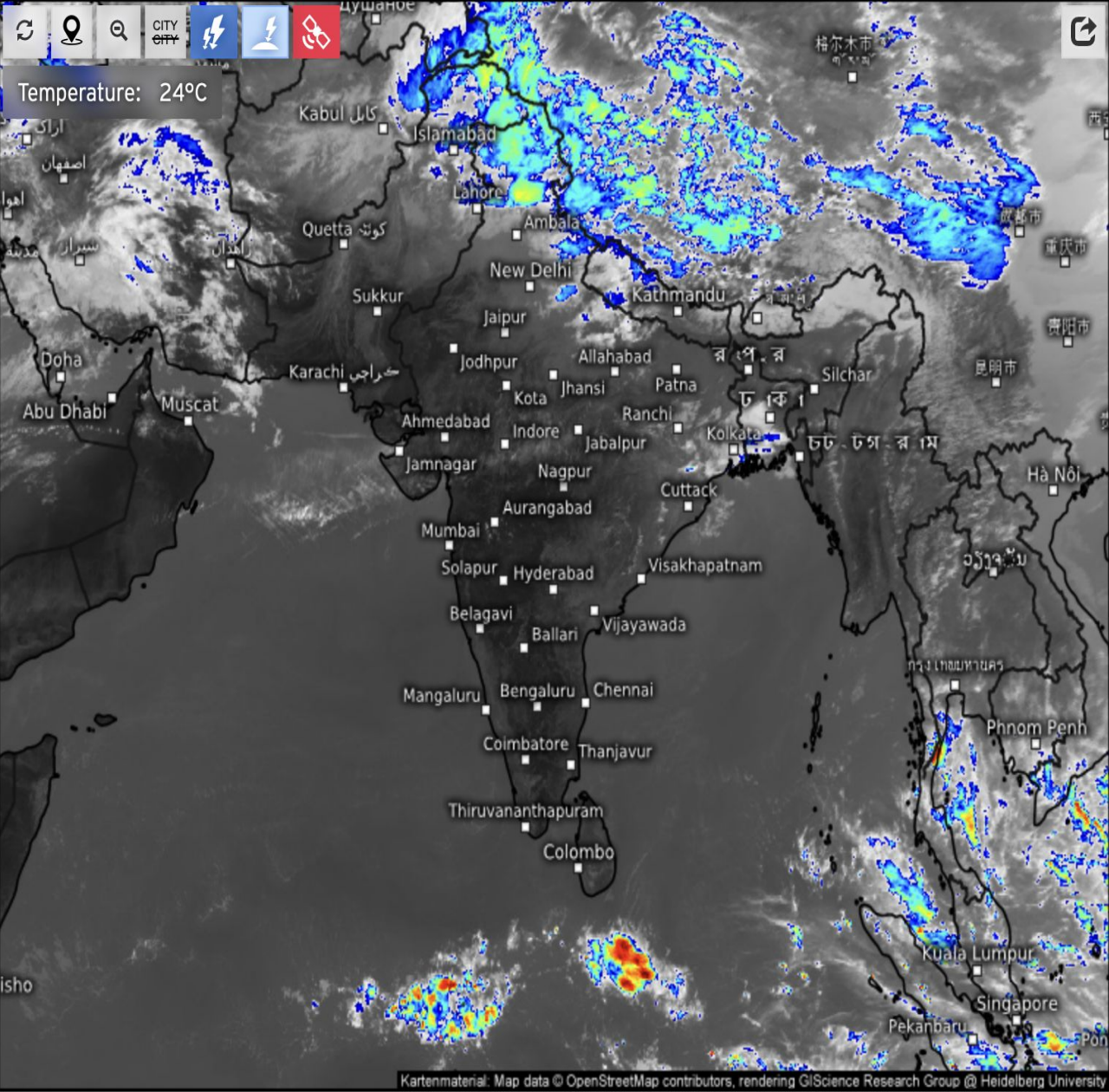
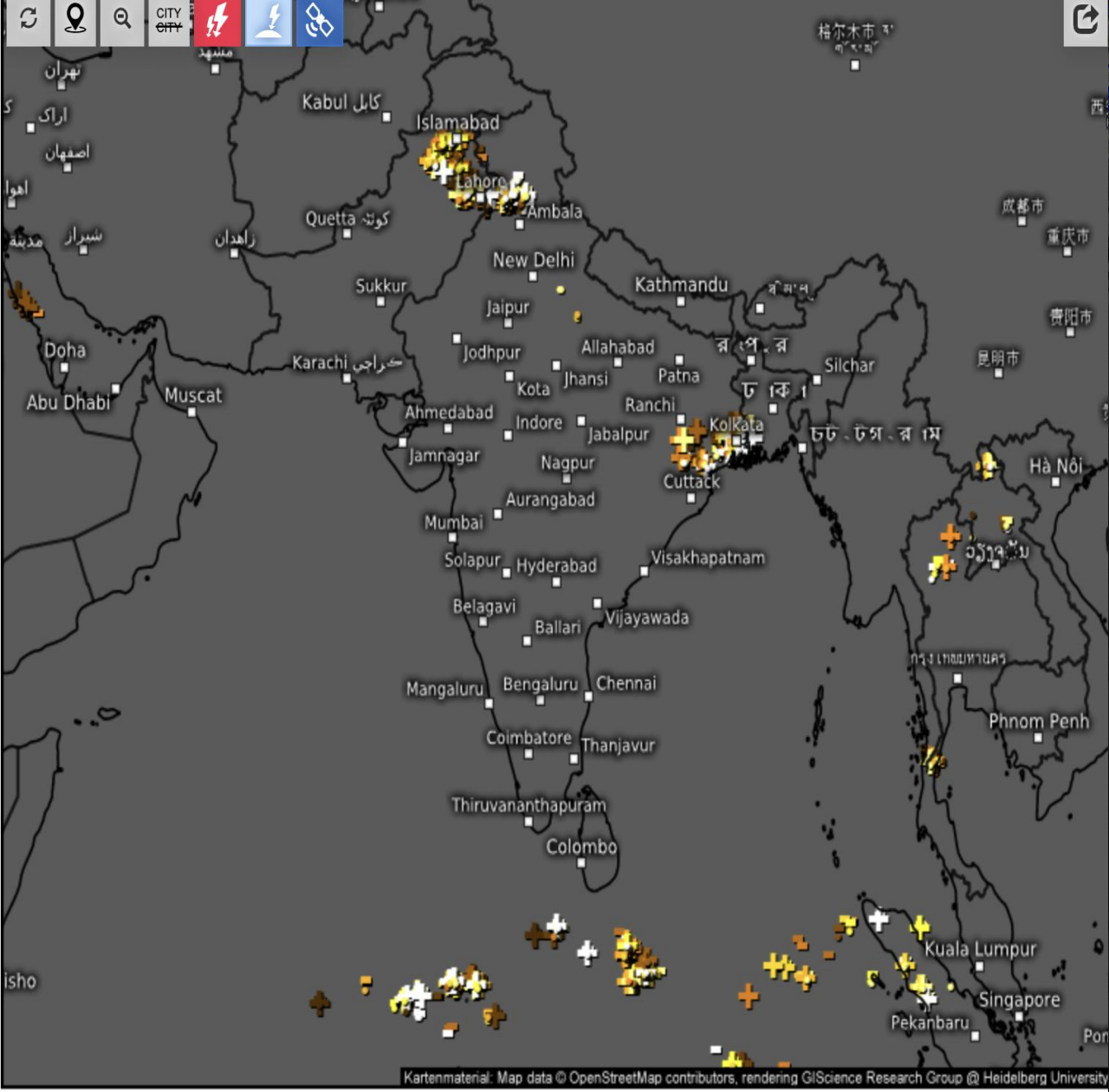
Day 5 (08:30 IST 15/2/2025 - 08:30 IST 20/2/2025)

Day 6 (08:30 IST 14/2/2025 - 08:30 IST 20/2/2025)

Day 7 (08:30 IST 13/2/2025 - 08:30 IST 20/2/2025)

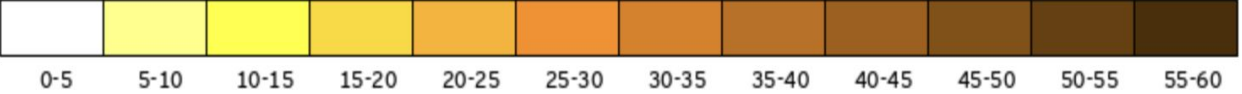
Legend: (Rainfall in mm)





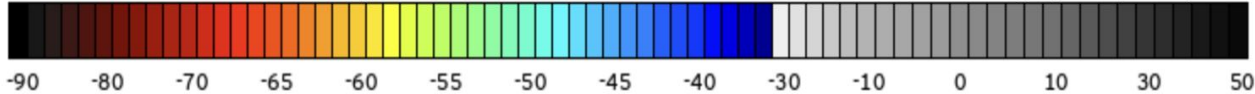
Age of lightning (minutes)

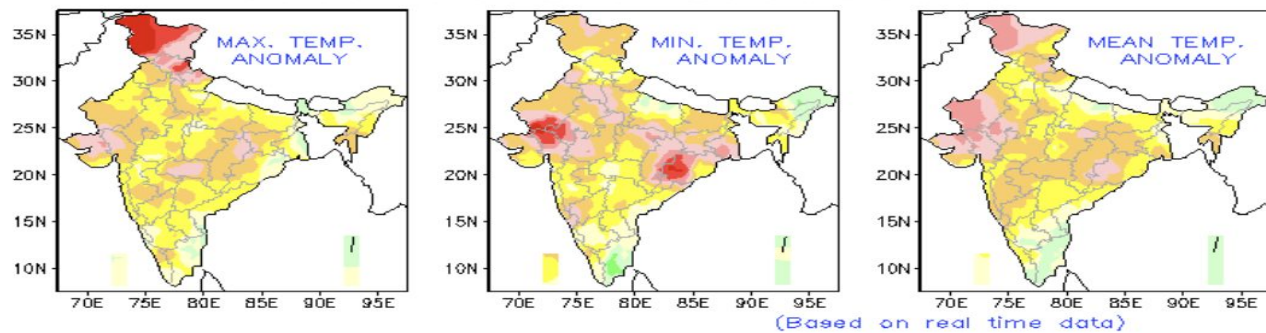
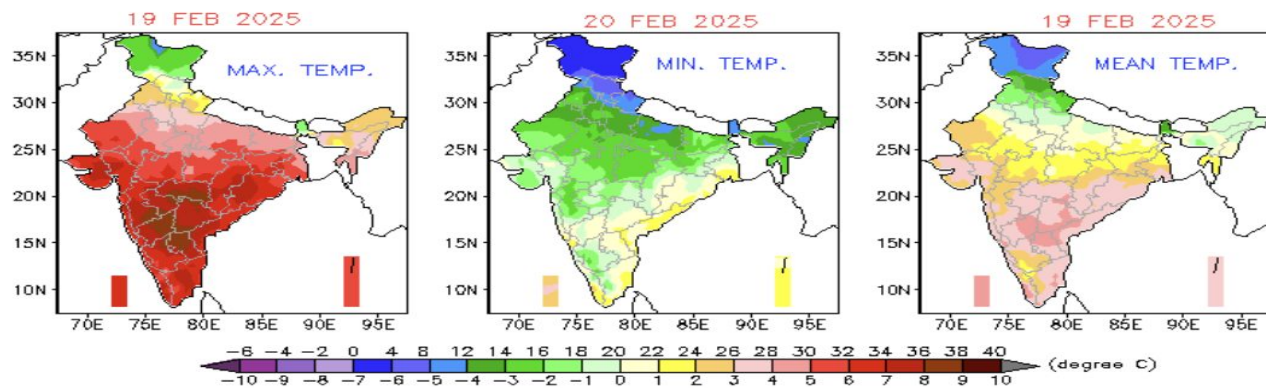
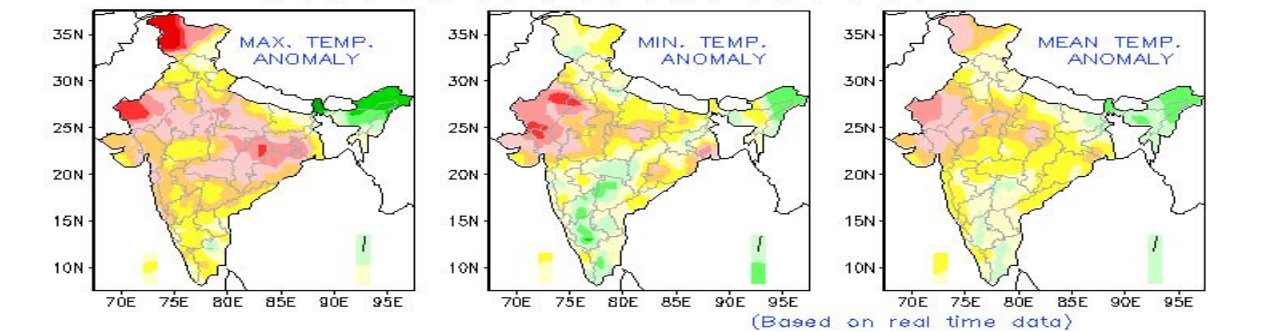
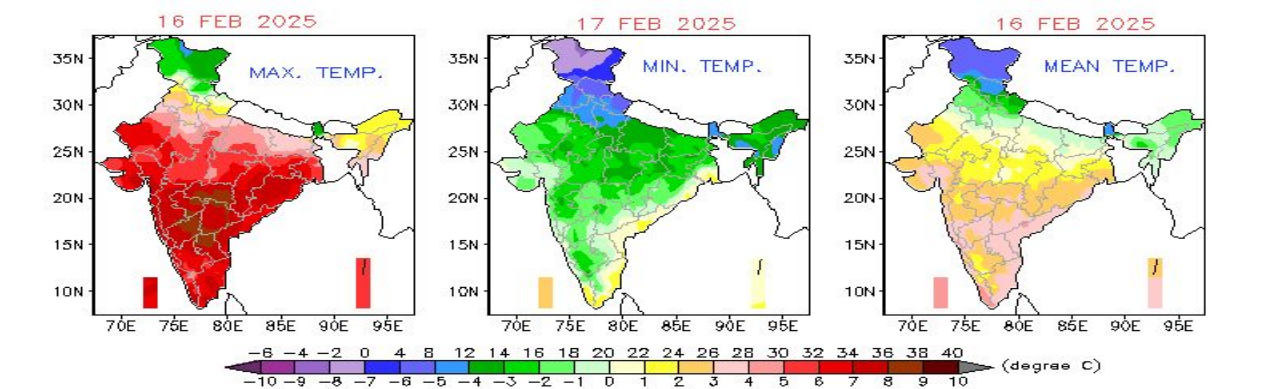
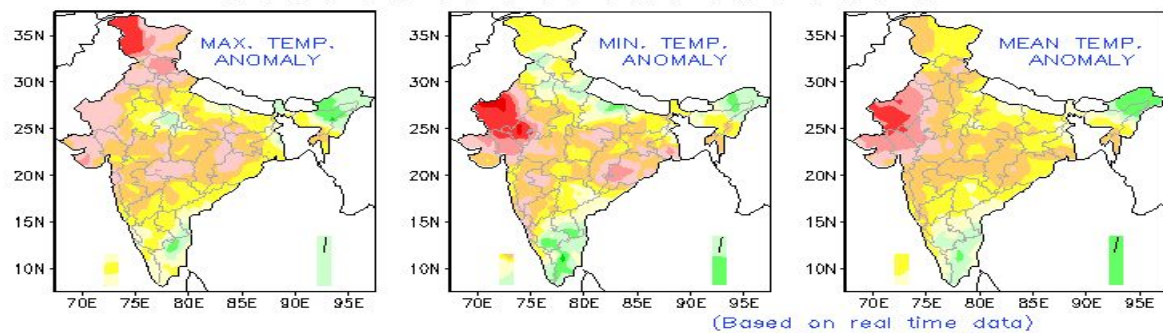
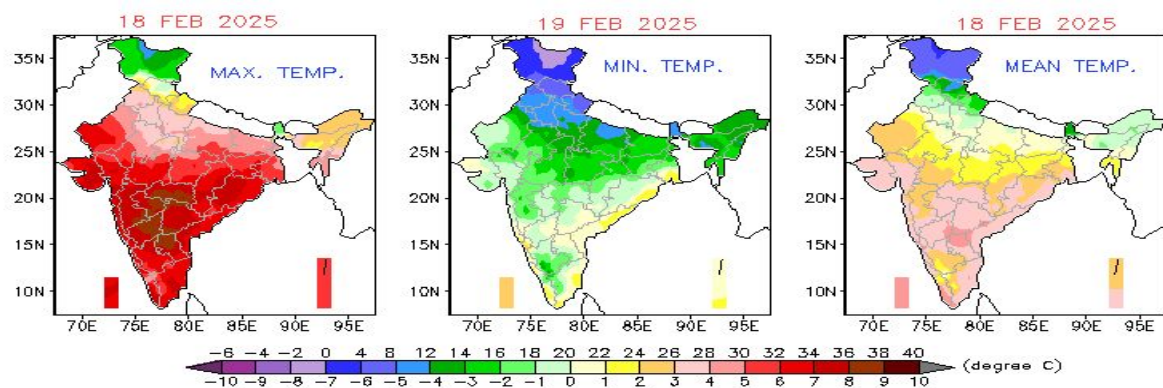
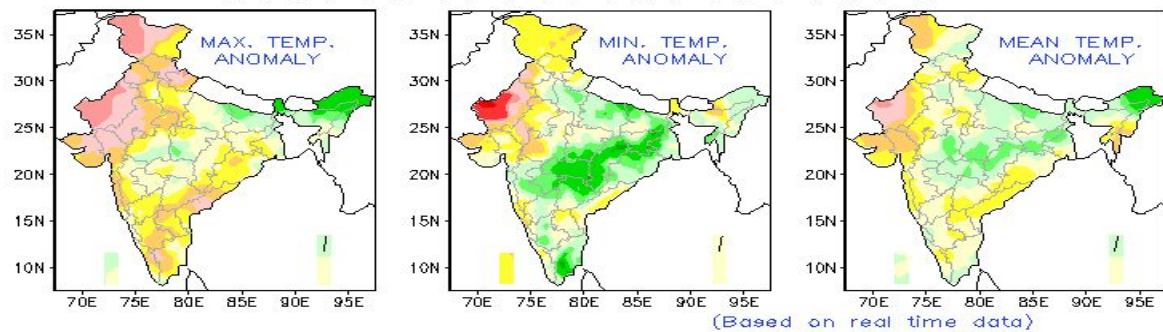
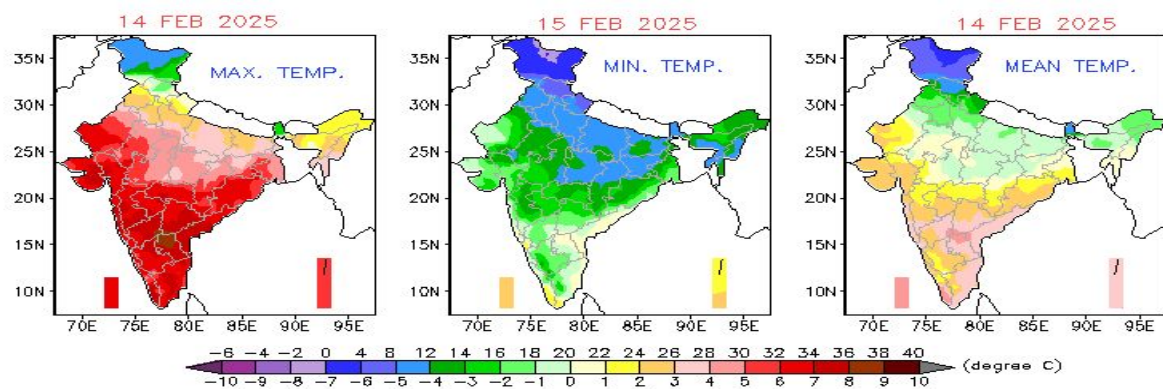
Thu 02/20/2025, 12:25pm IST

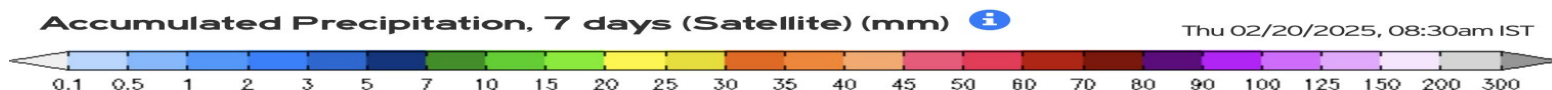
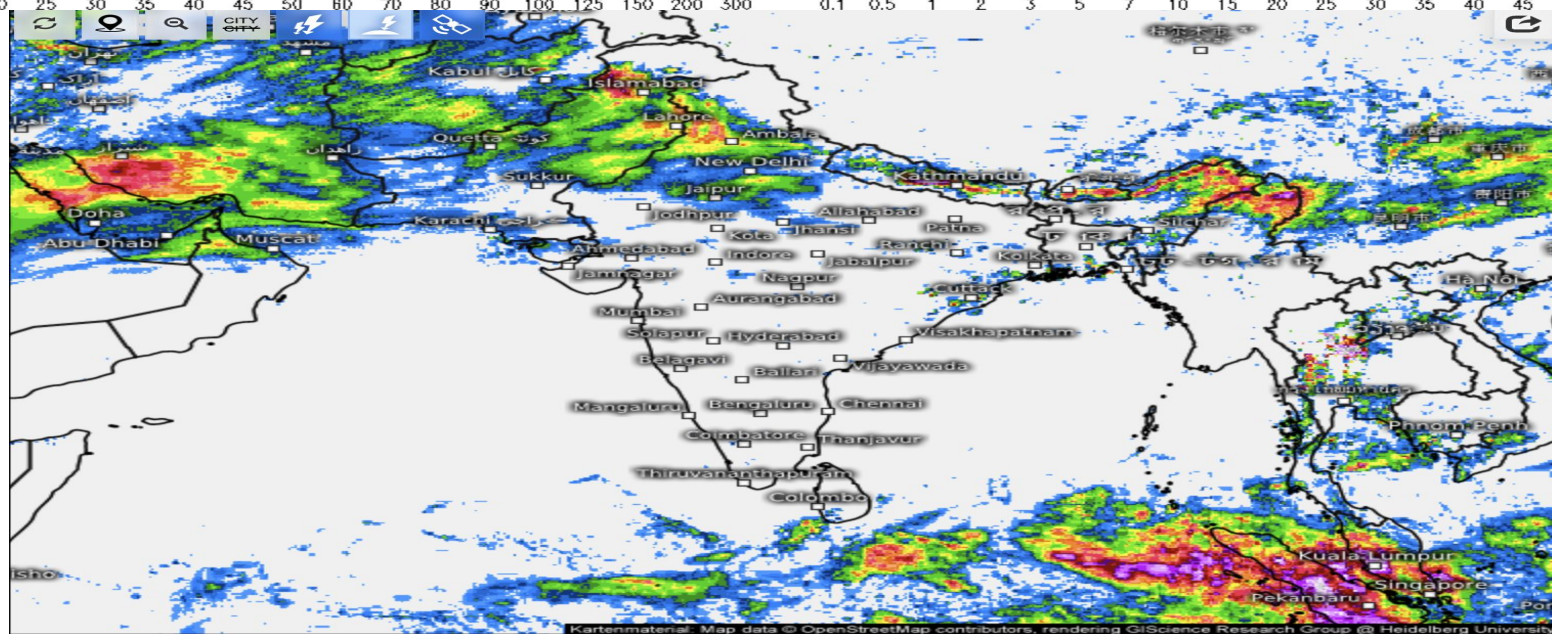
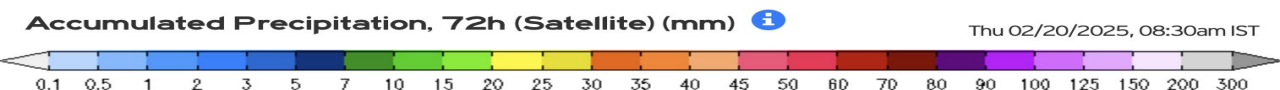
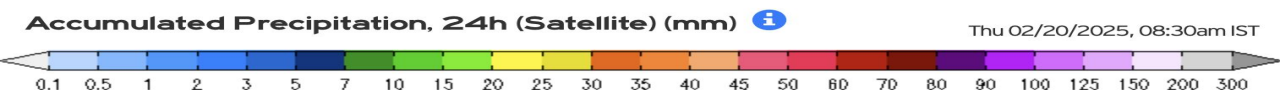
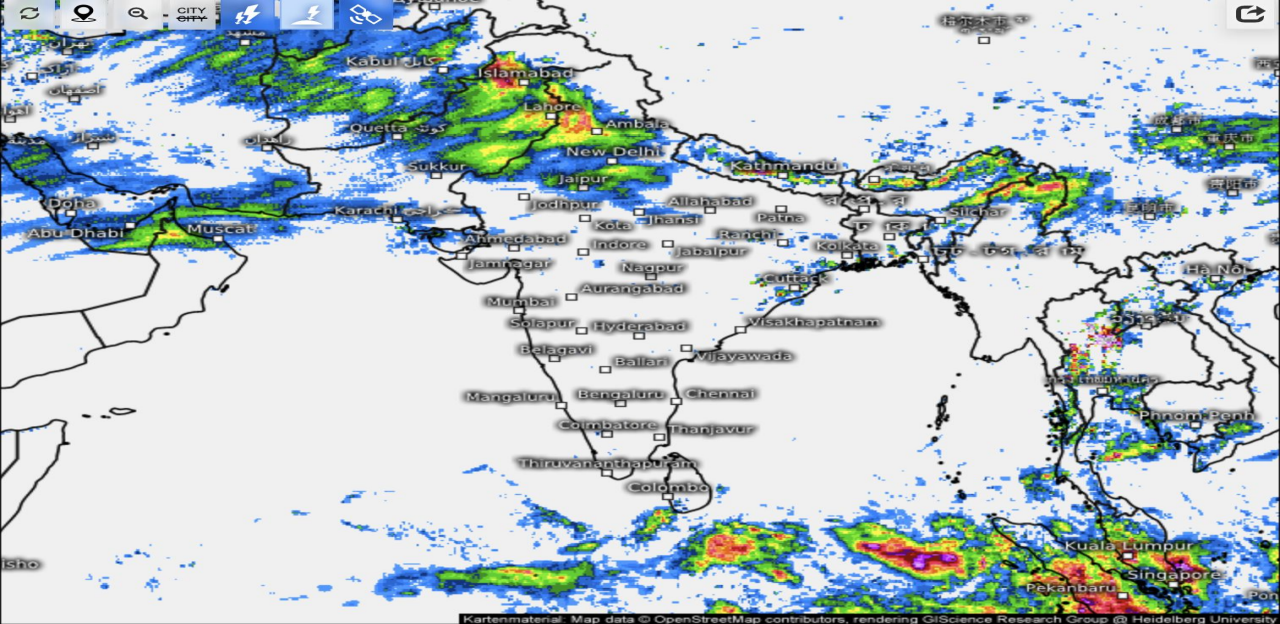
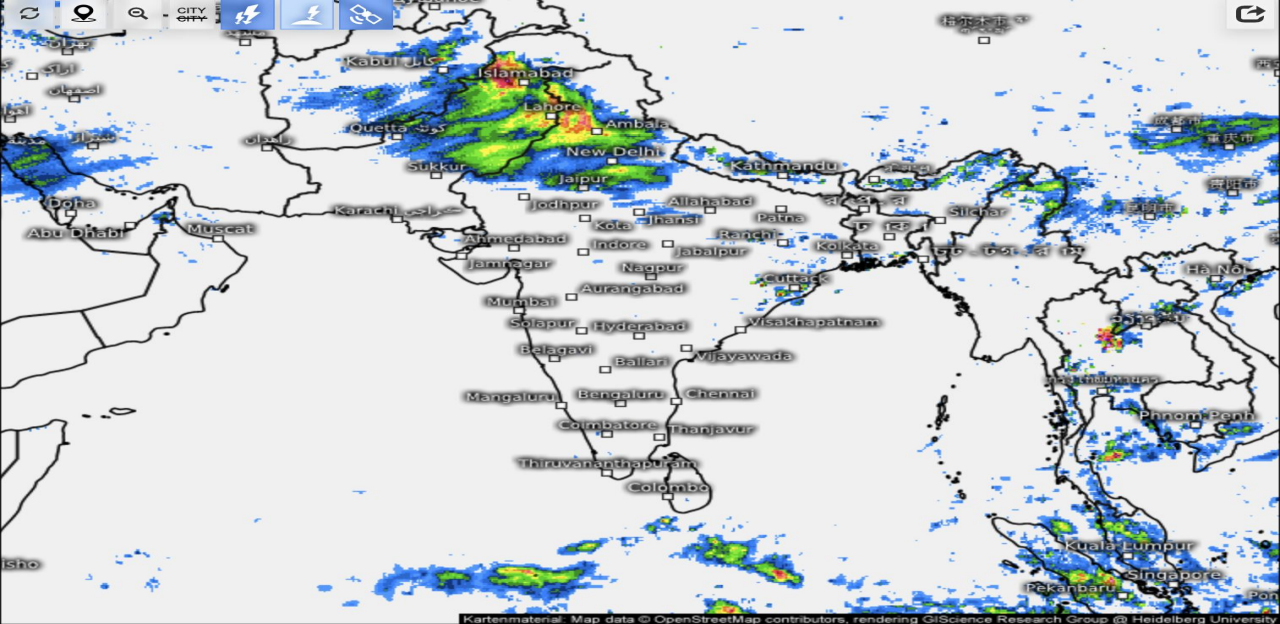


Satellite Cloud Tops Alert

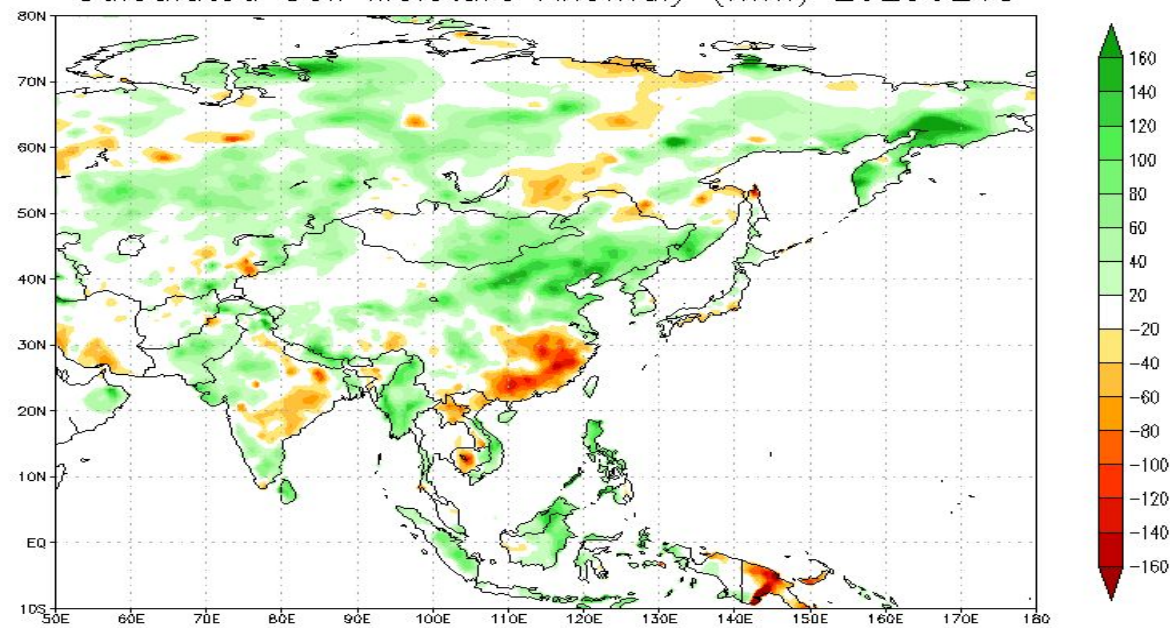
Thu 02/20/2025, 12:30pm IST



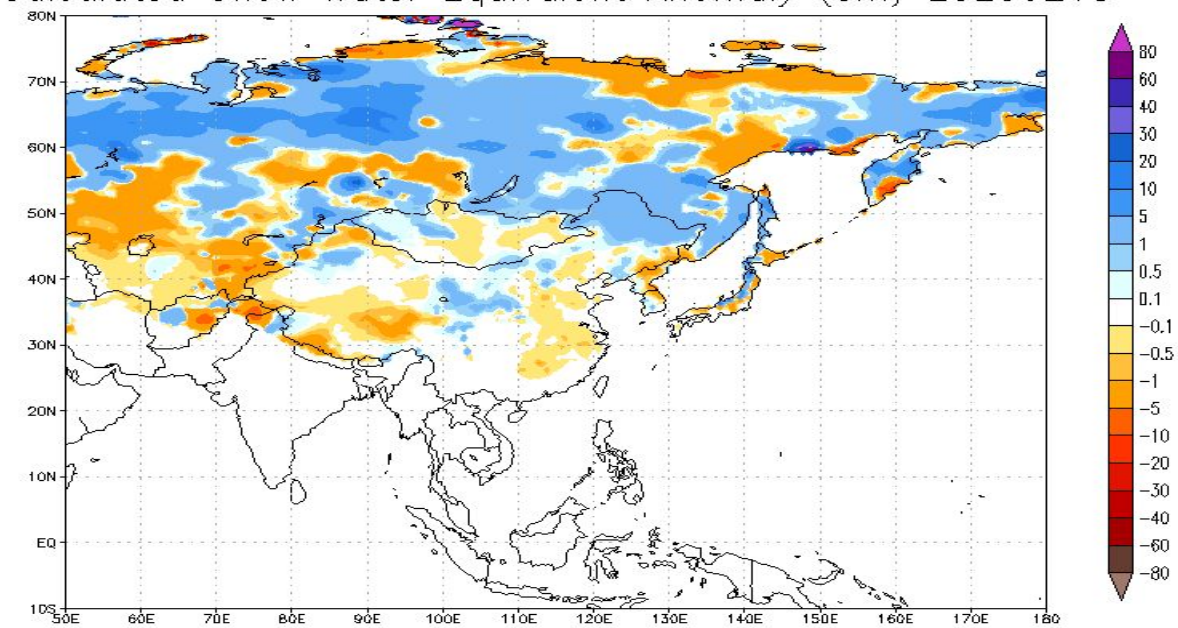




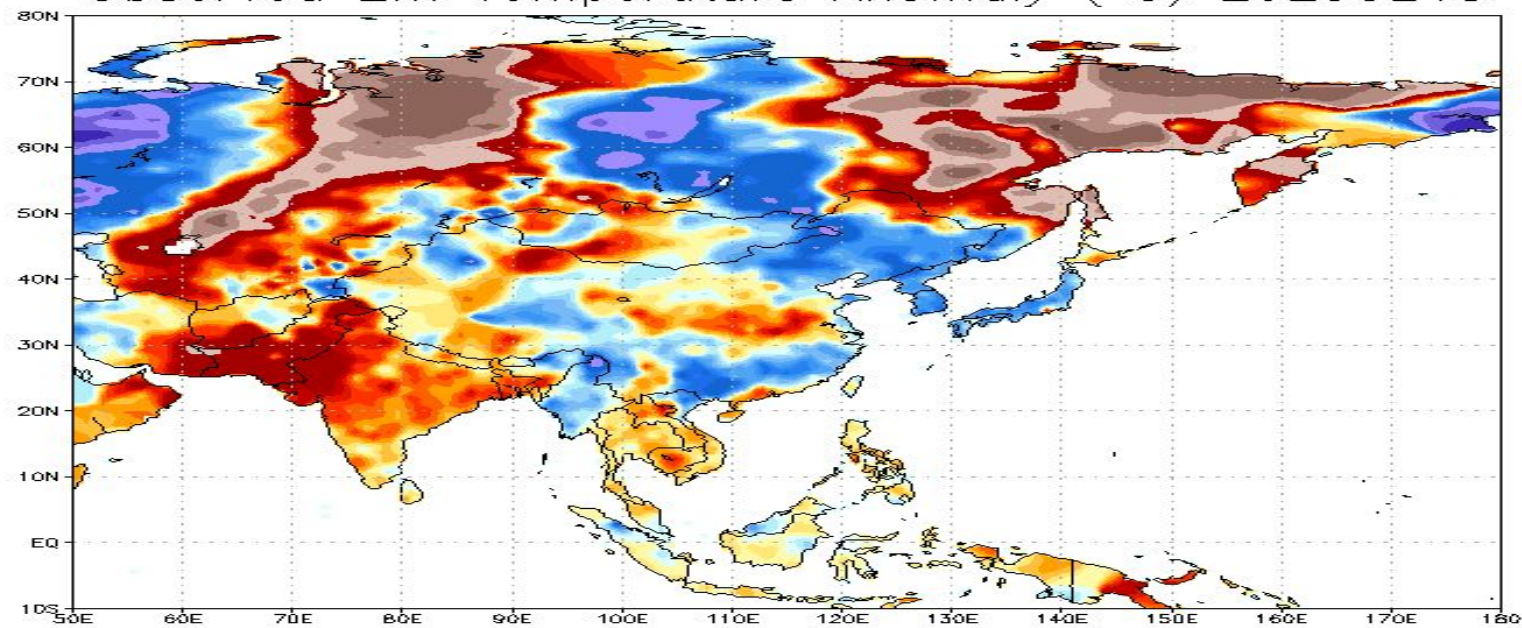
Calculated Soil Moisture Anomaly (mm) 20250218



Calculated Snow Water Equivalent Anomaly (cm) 20250218

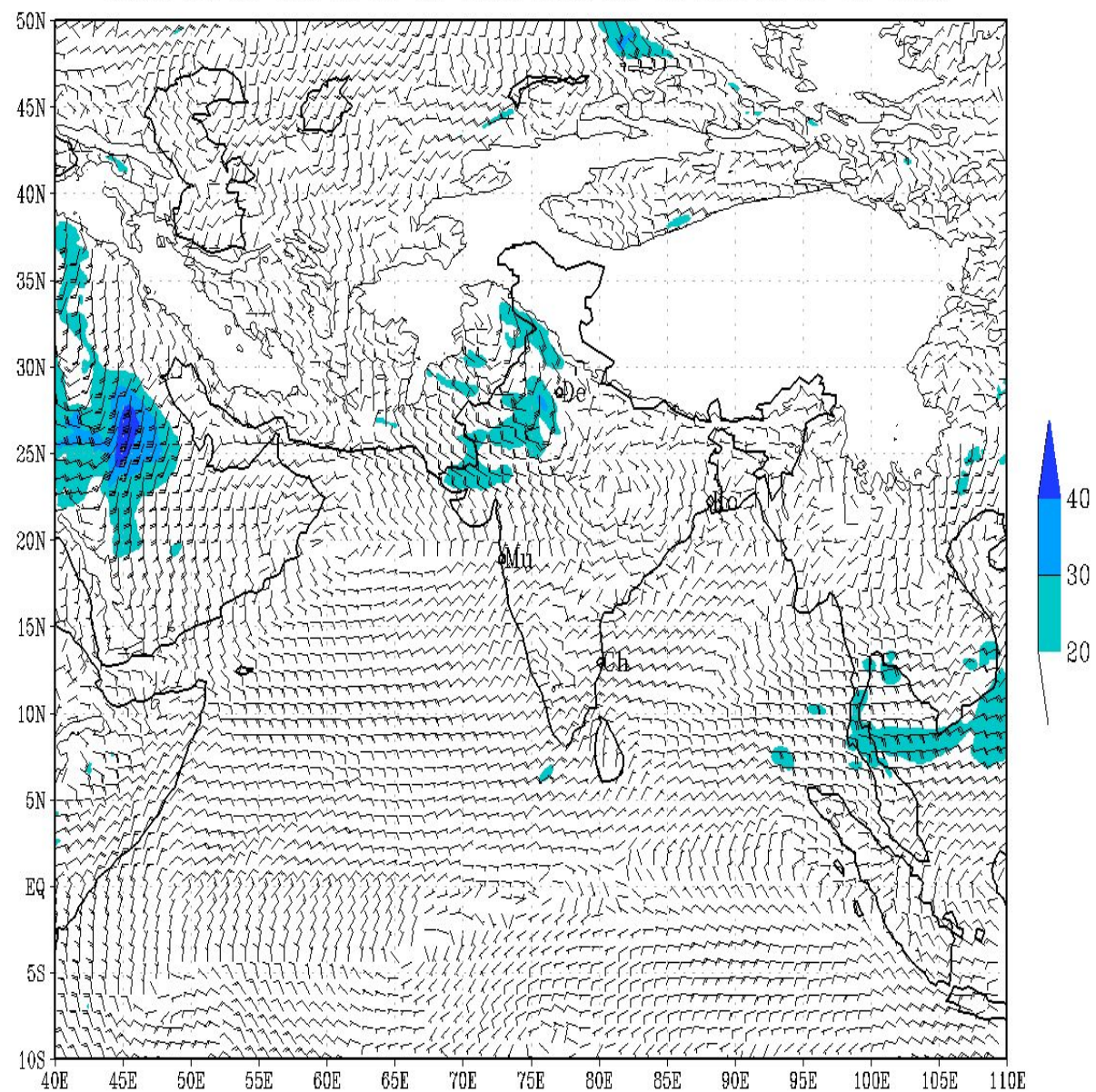


Observed 2m Temperature Anomaly (°C) 20250218



IMD:GFS MODEL(12 Km) 850 hPa WIND (kt) FORECAST (00 HR)

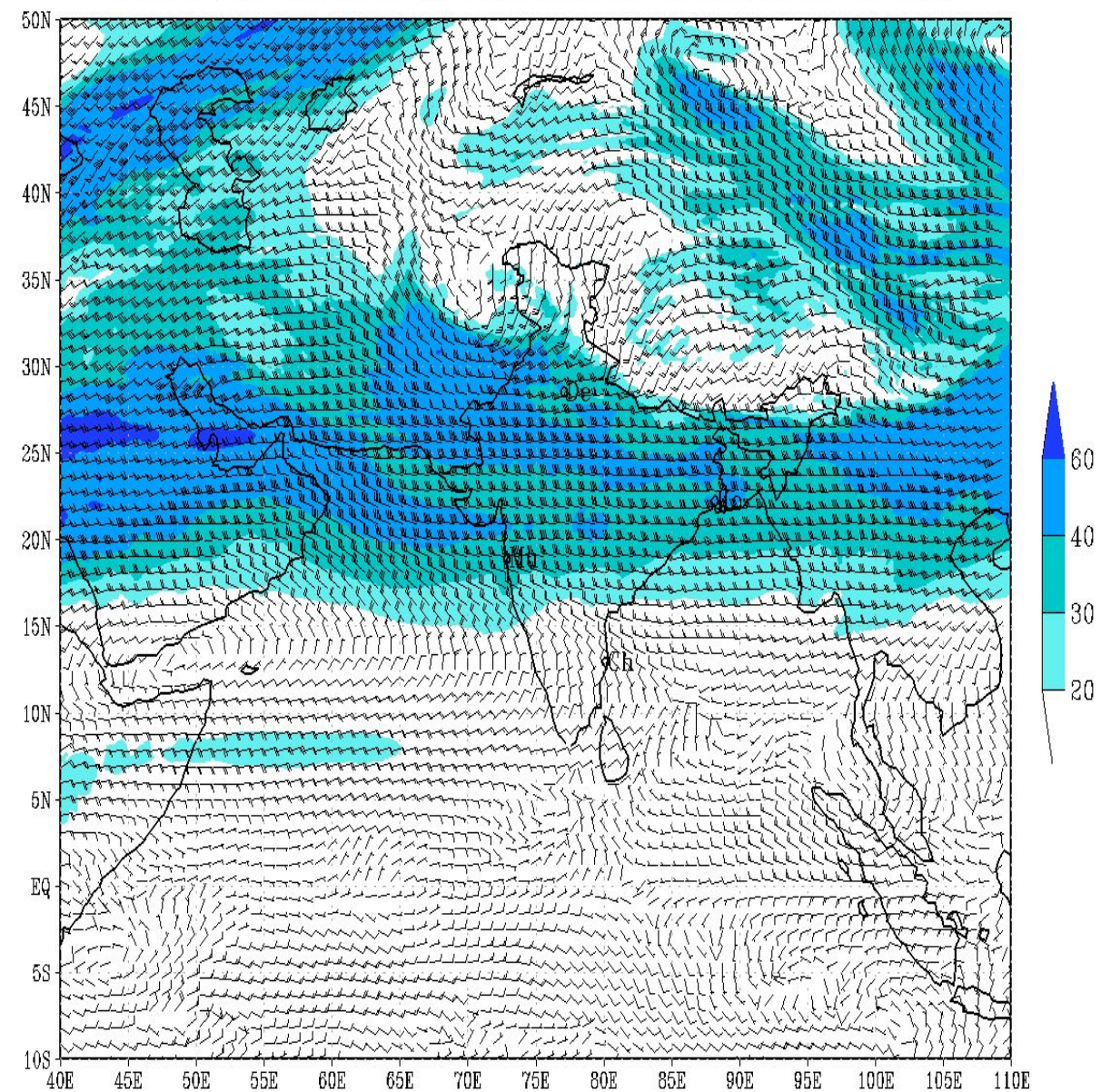
based on 00 UTC of 20-02-2025 valid for 00 UTC of 20-02-2025



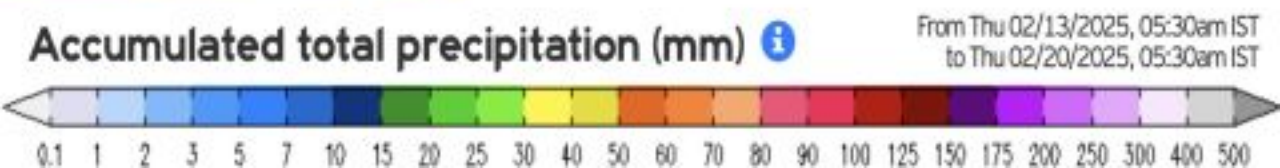
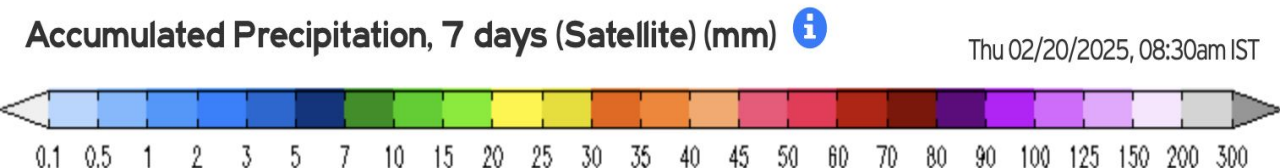
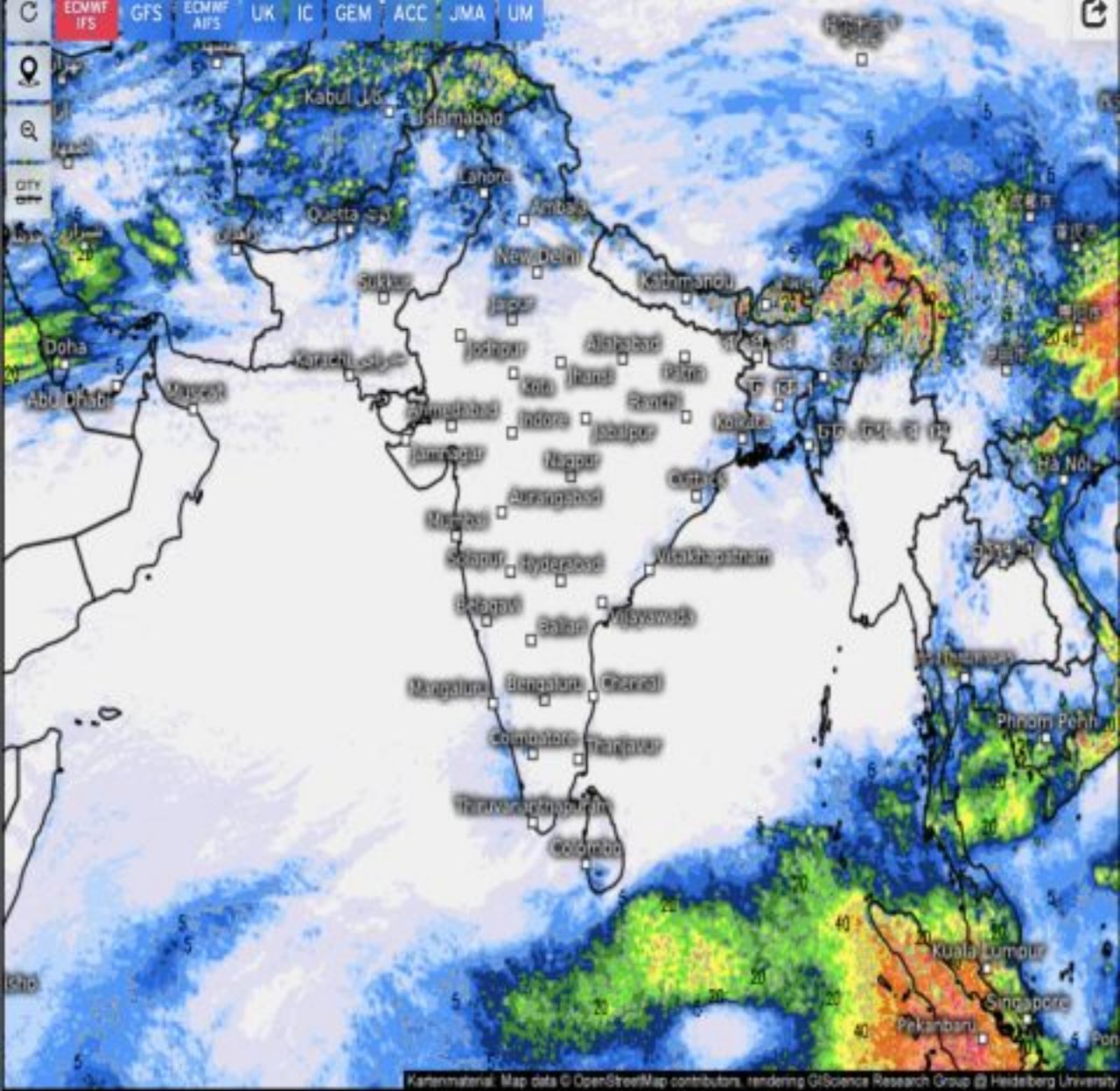
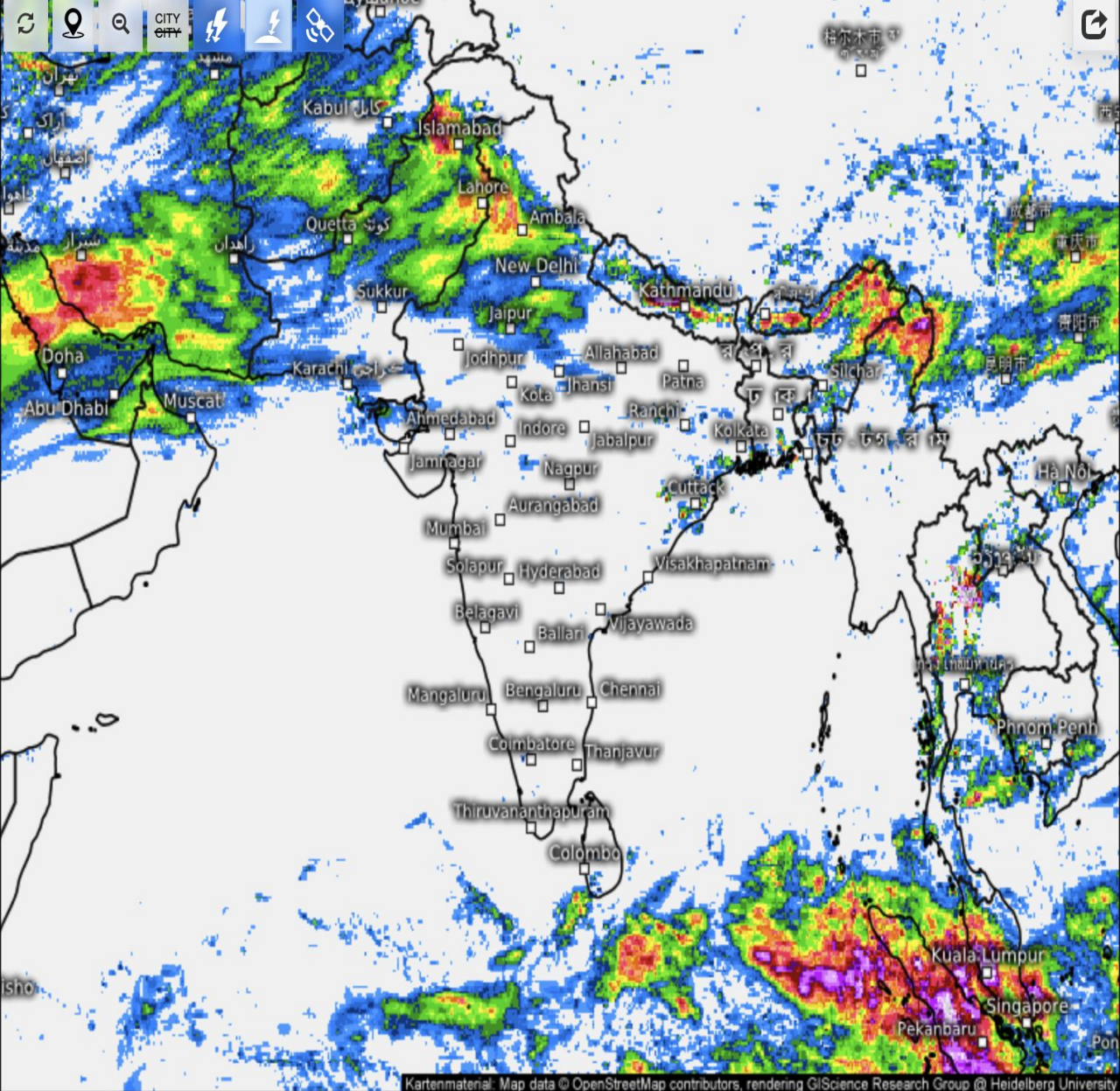
(Background does not depict political boundary)

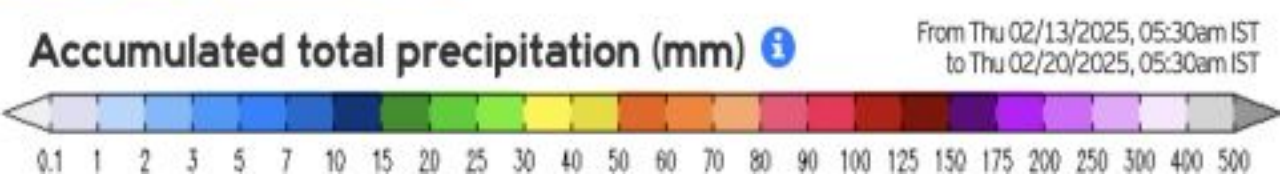
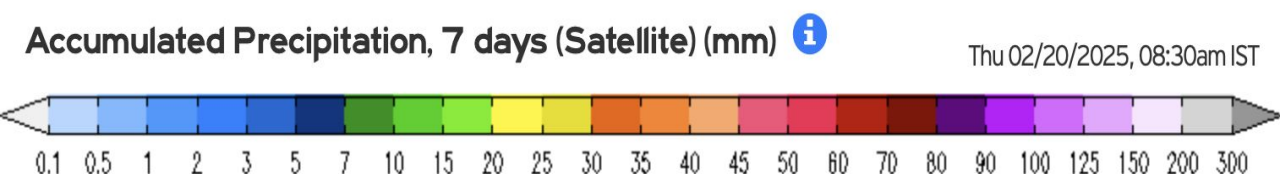
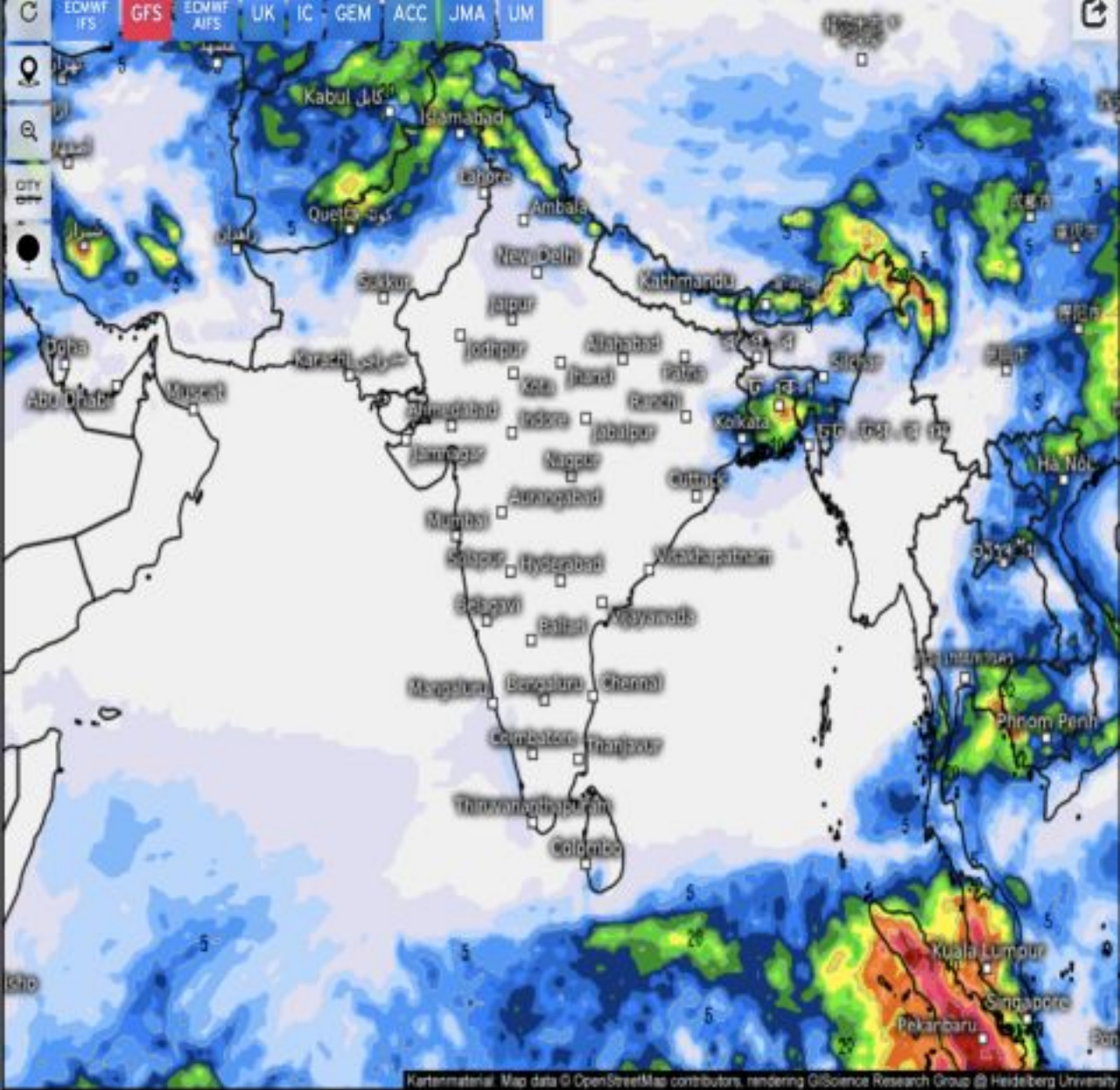
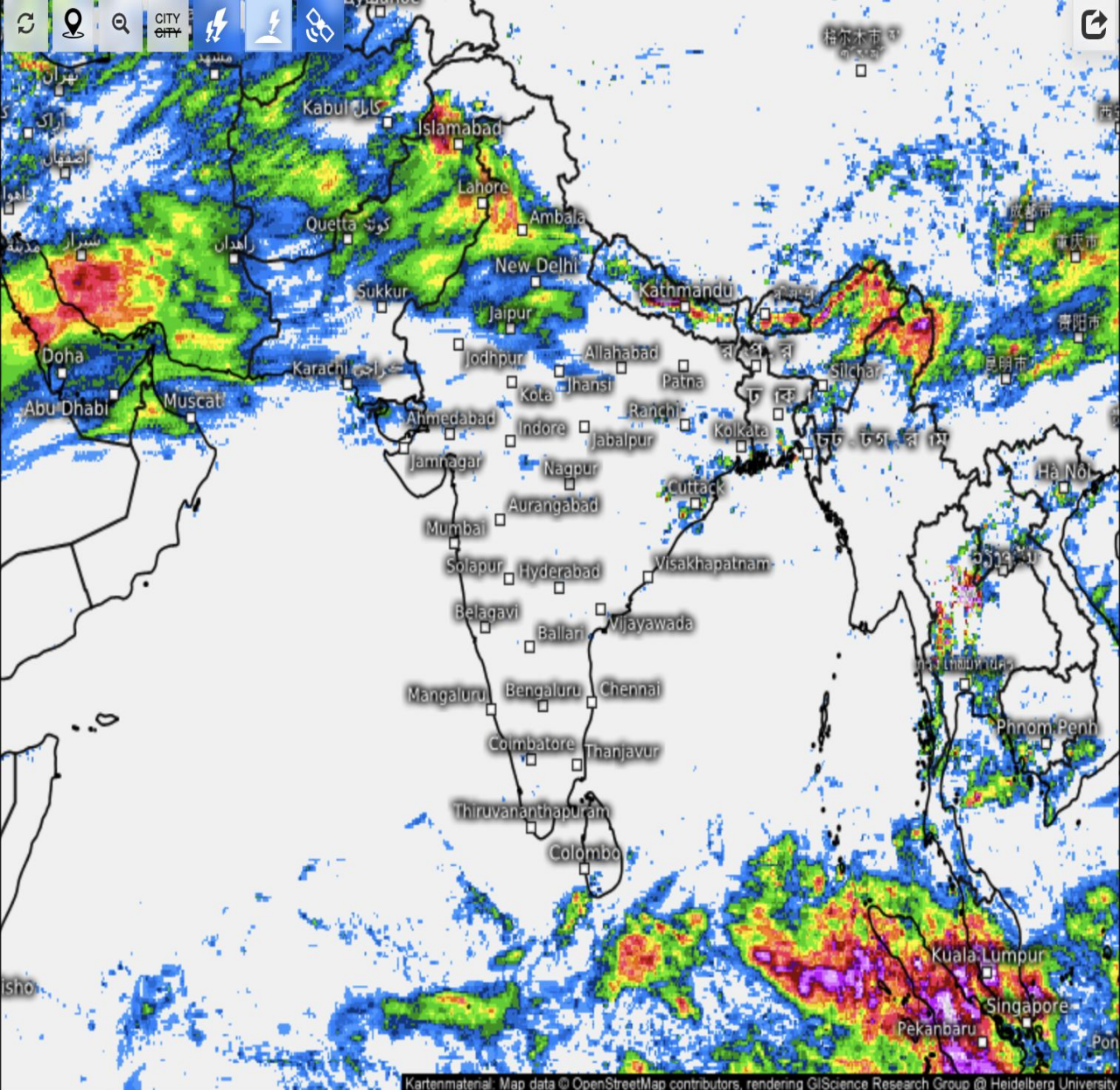
IMD:GFS MODEL(12 Km) 500 hPa WIND (kt) FORECAST (00 HR)

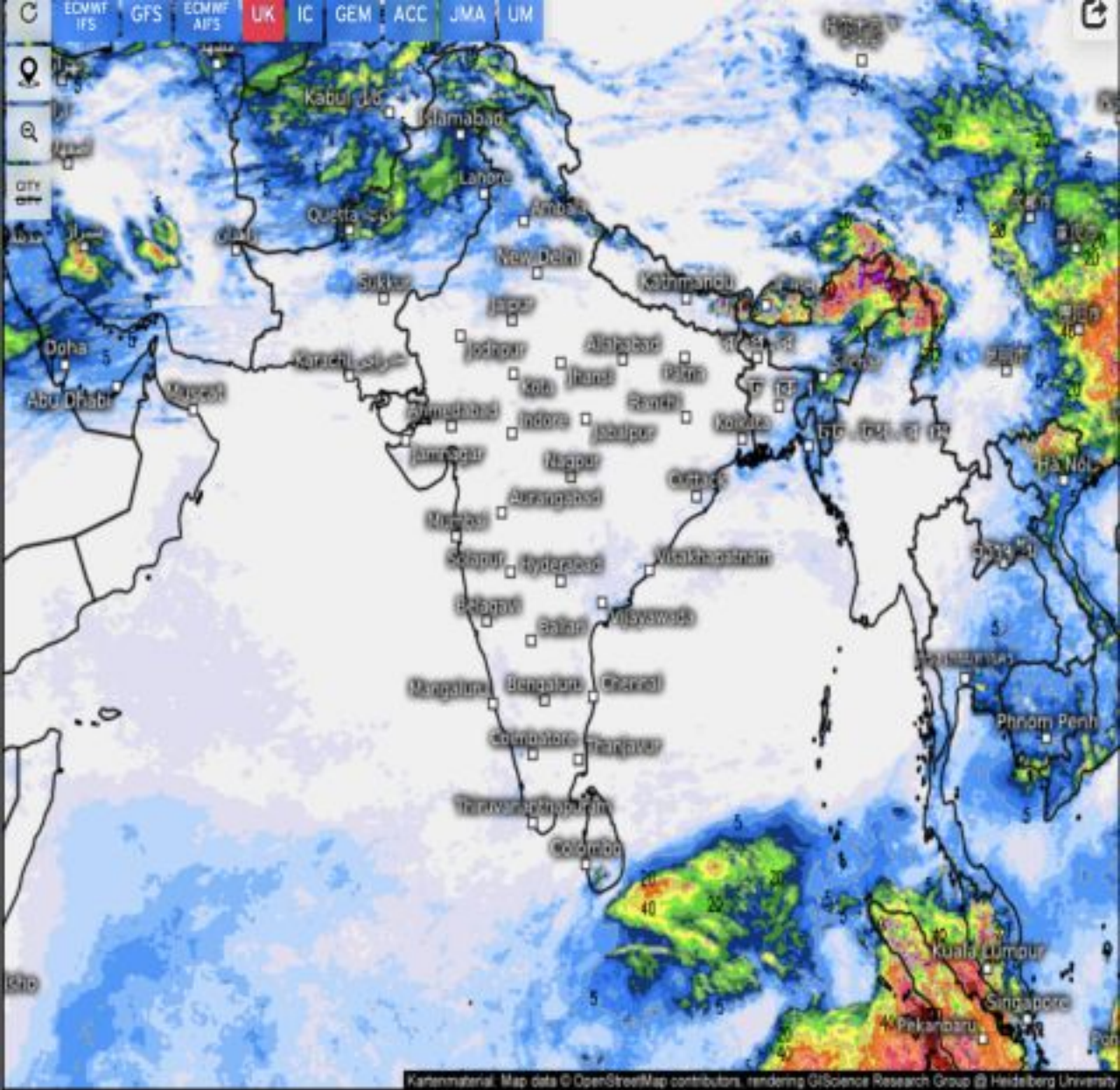
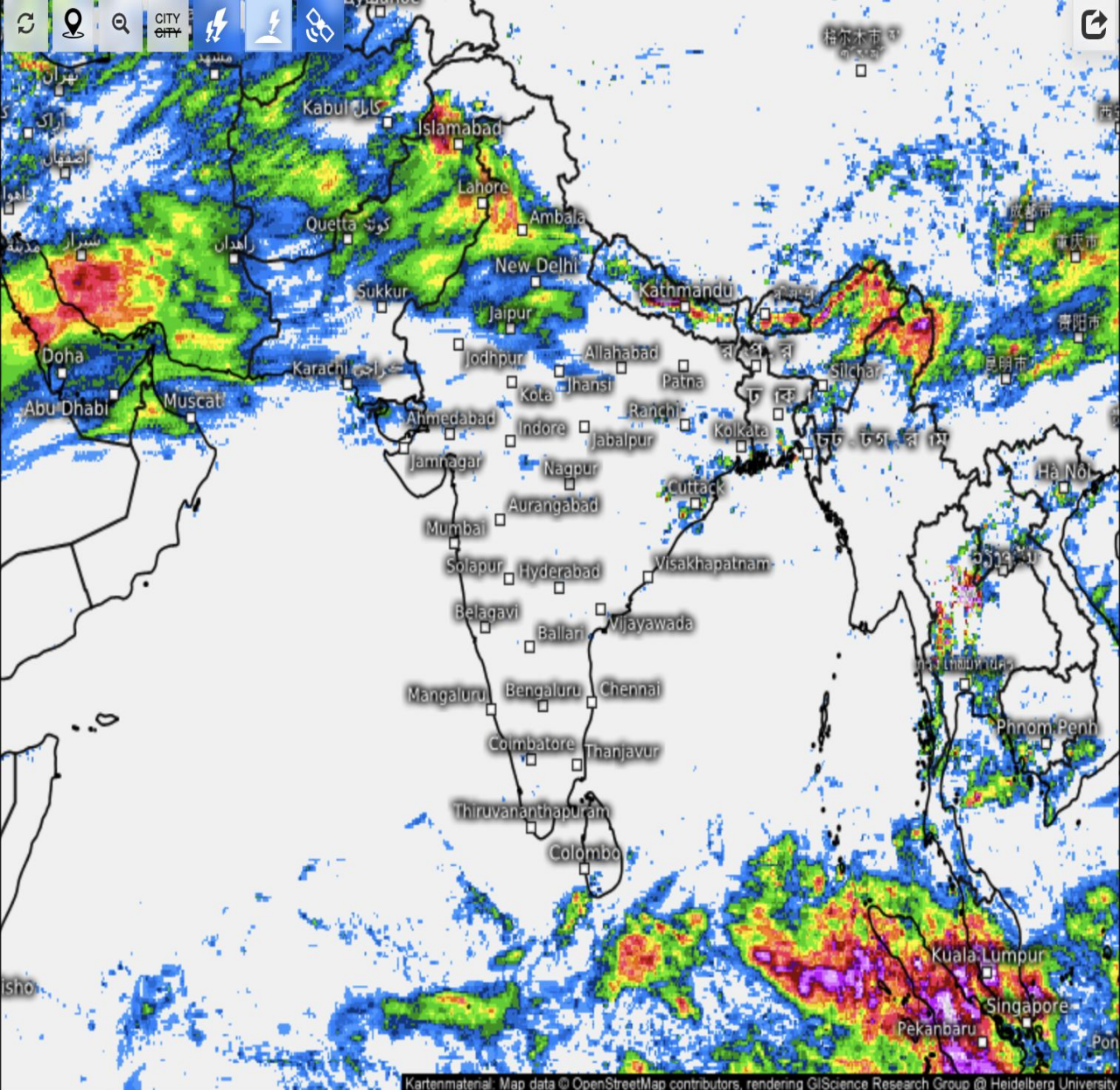
based on 00 UTC of 20-02-2025 valid for 00 UTC of 20-02-2025

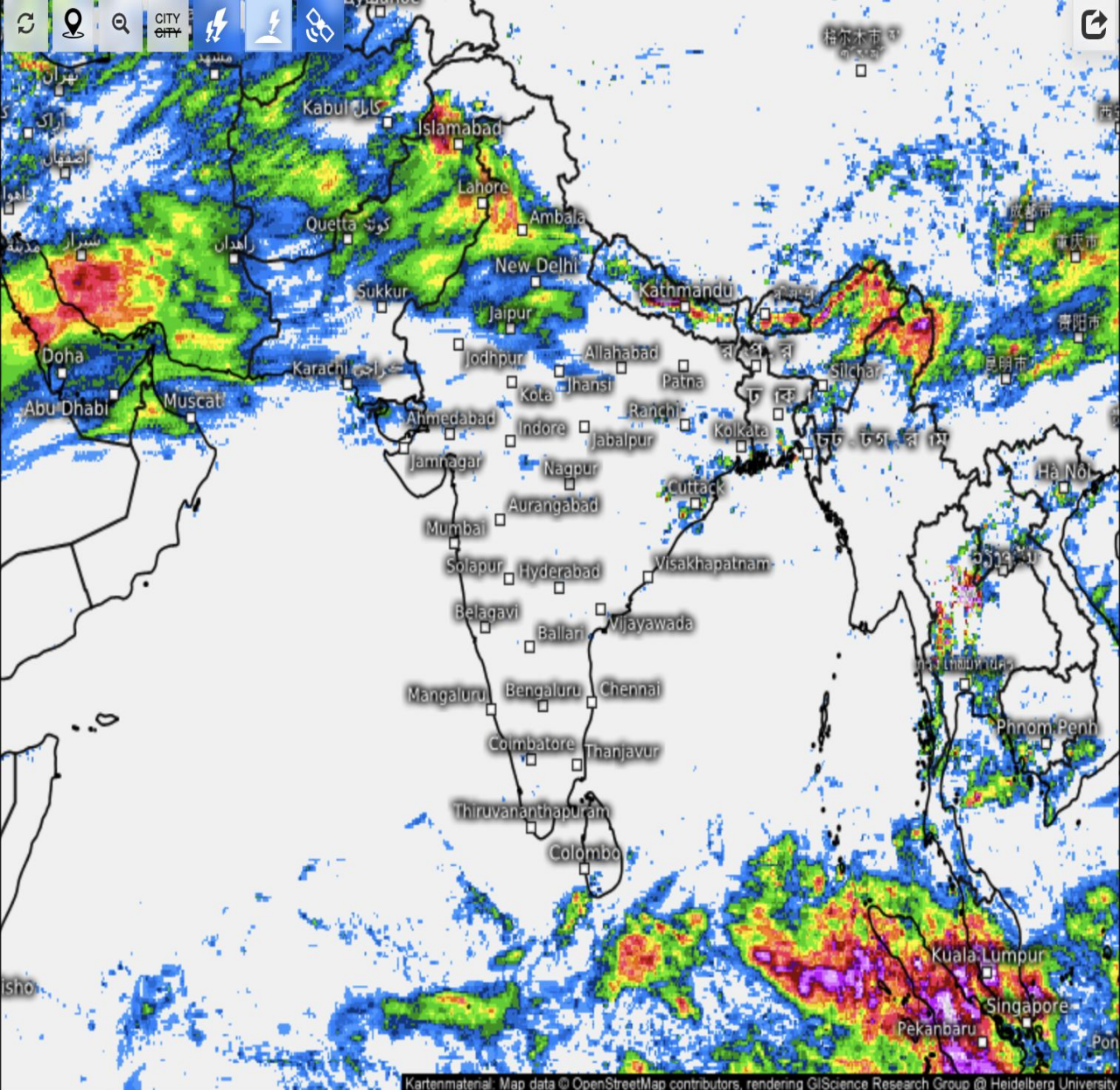


(Background does not depict political boundary)

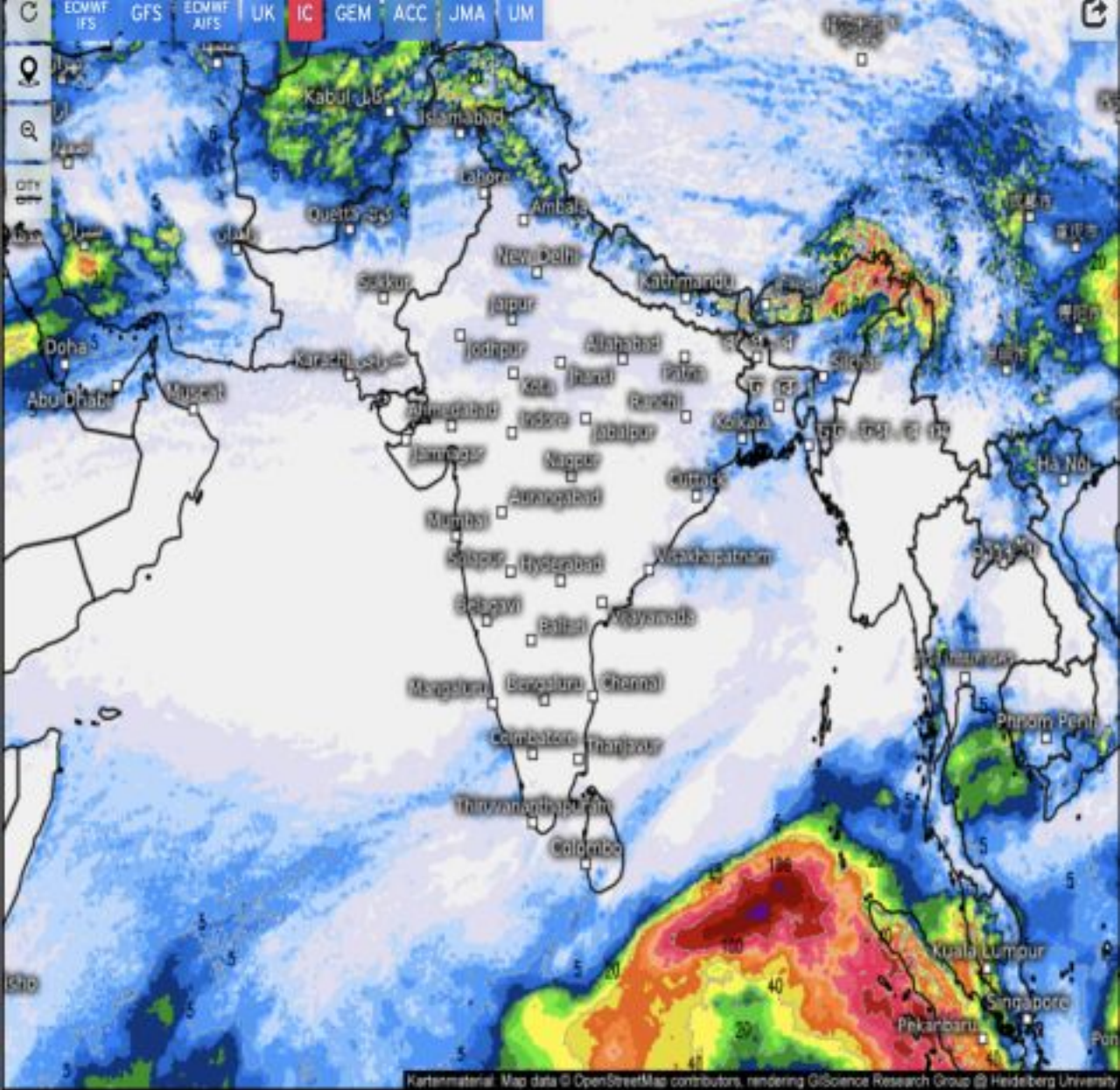




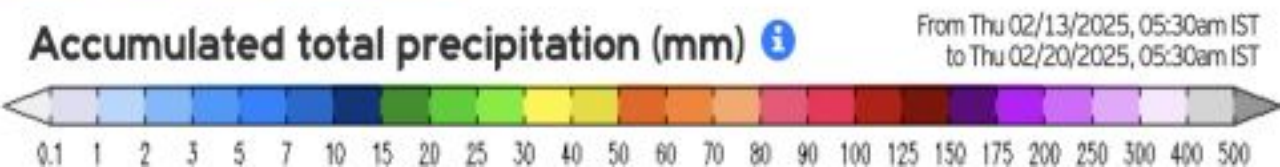
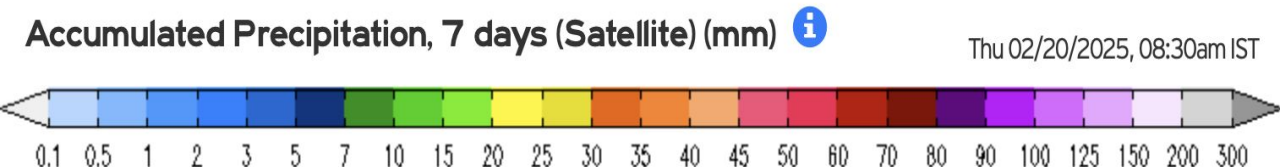


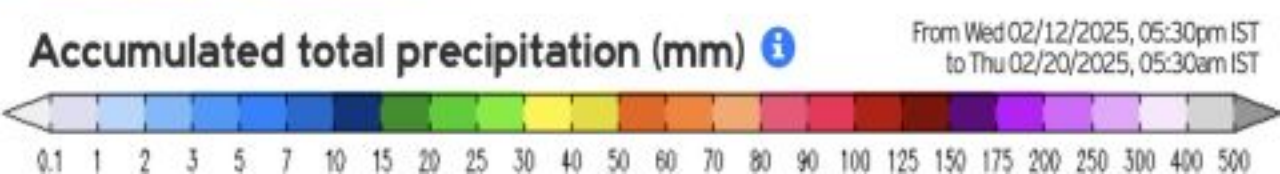
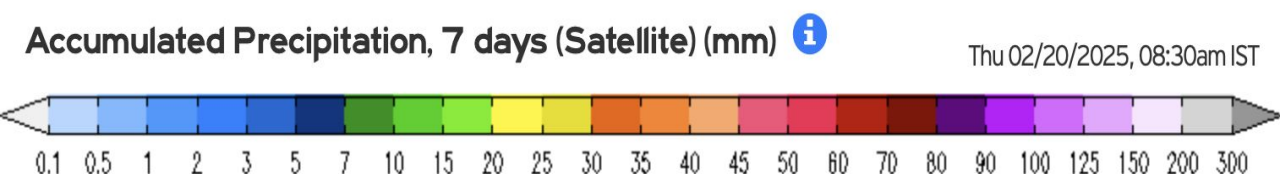
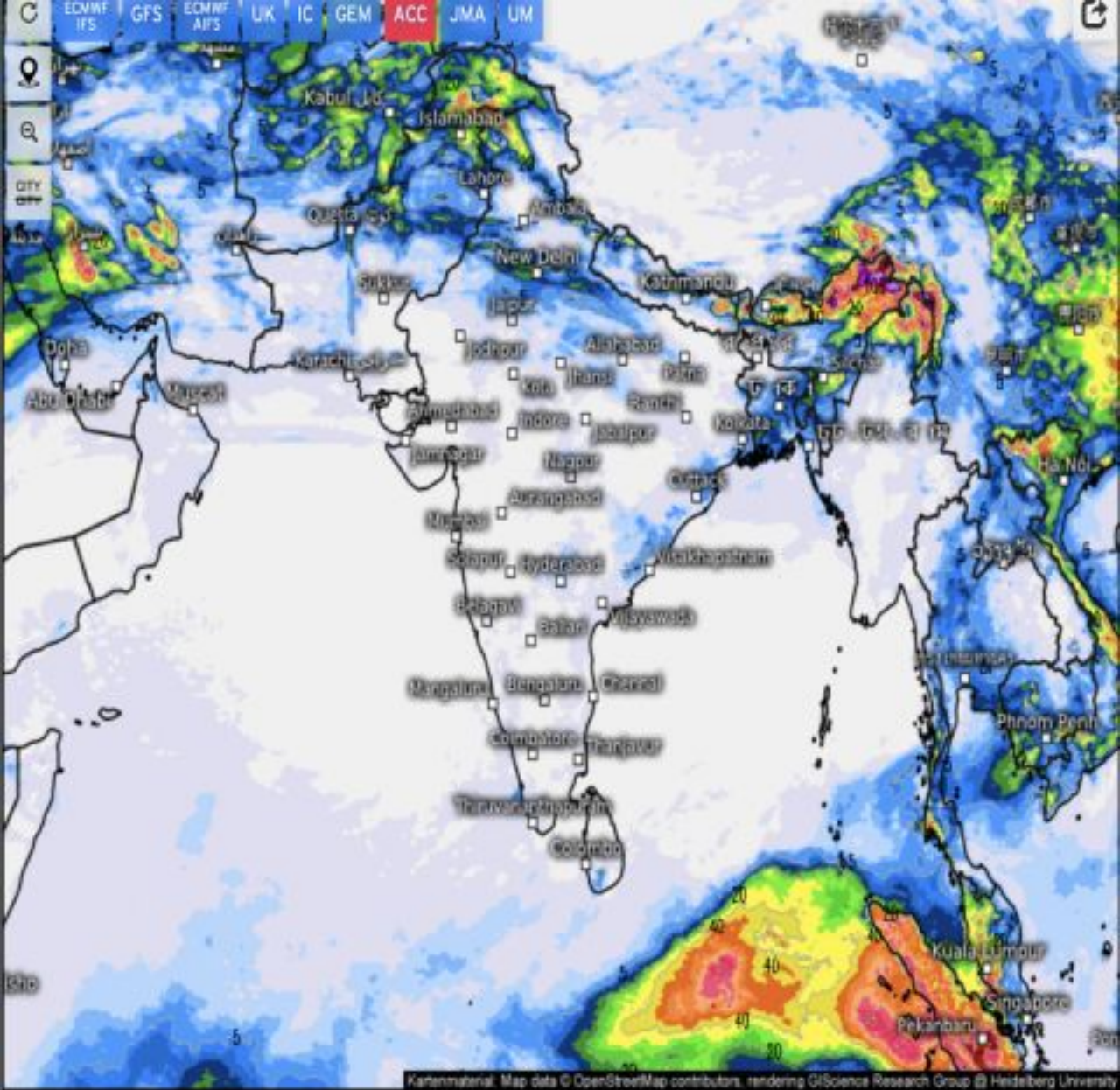
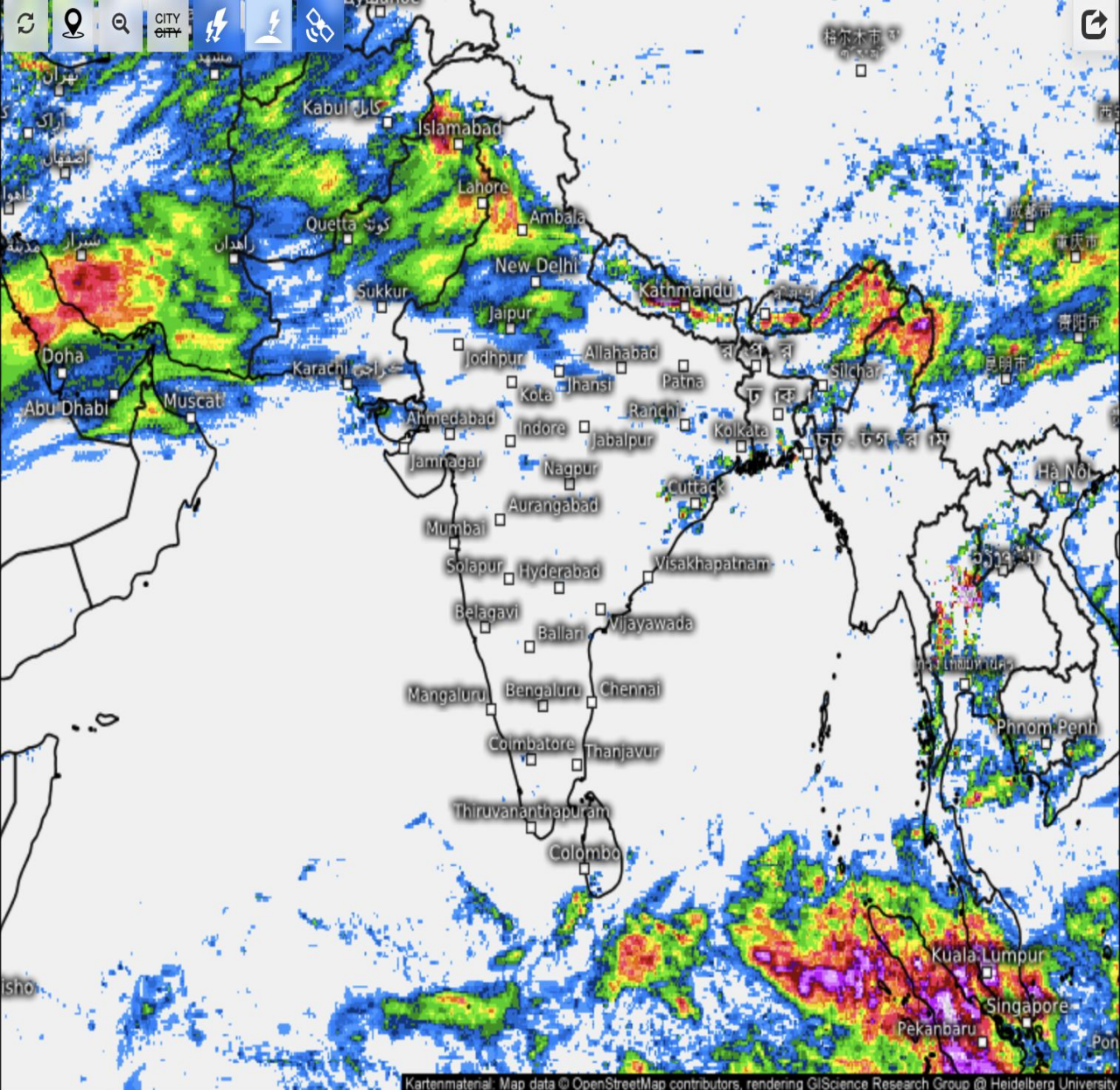


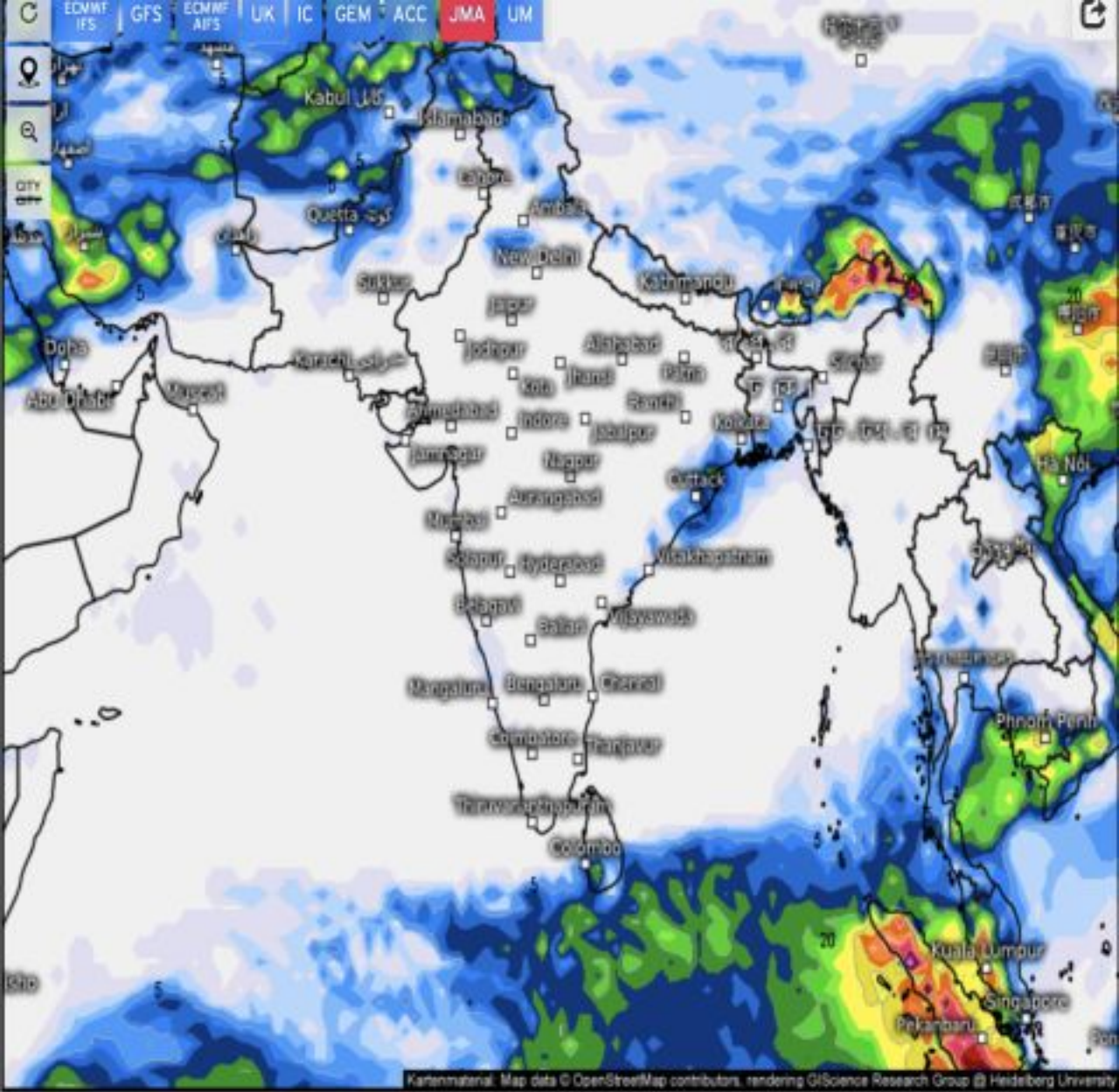
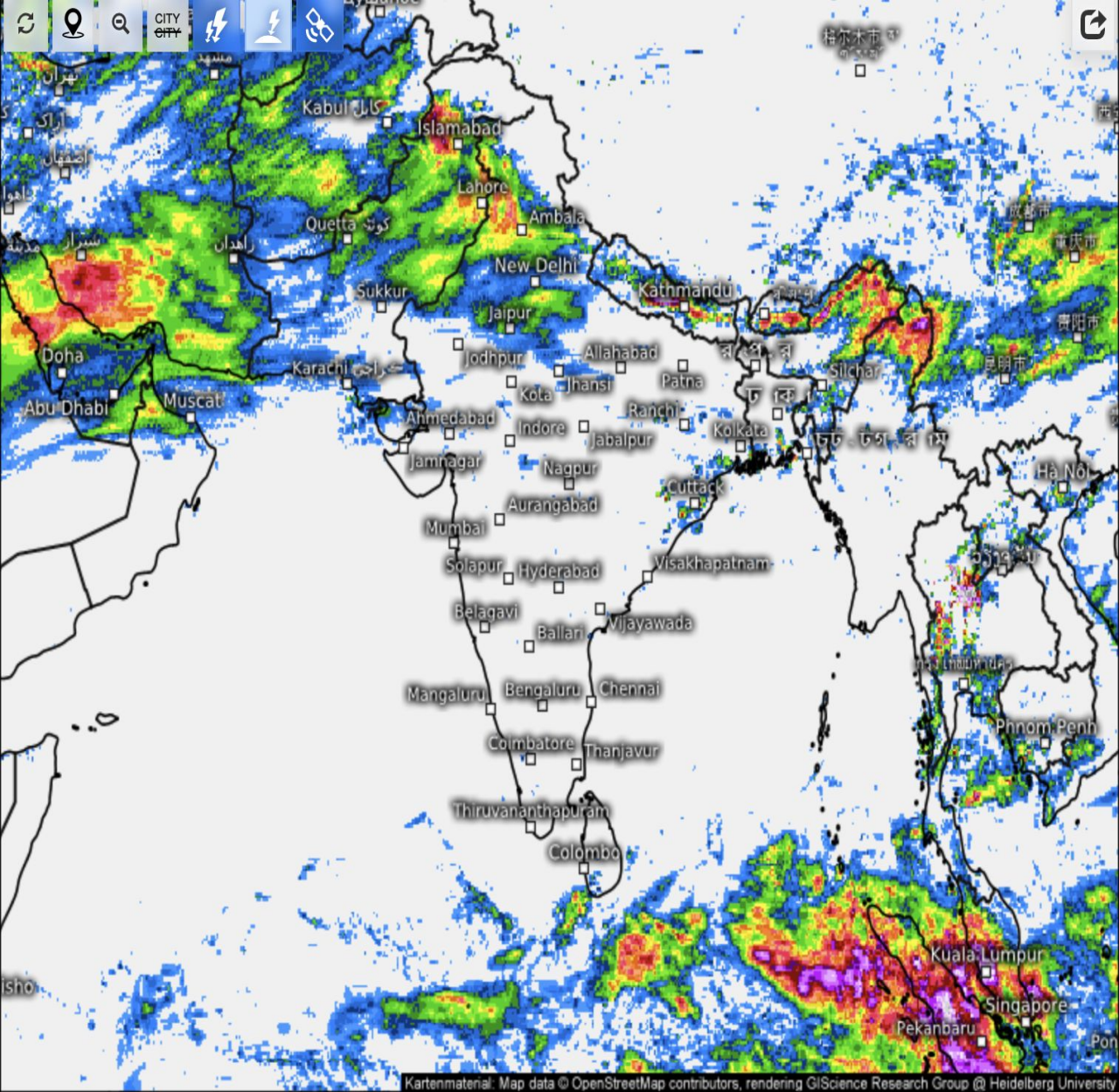
Kartenmaterial: Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University



Kartenmaterial: Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University

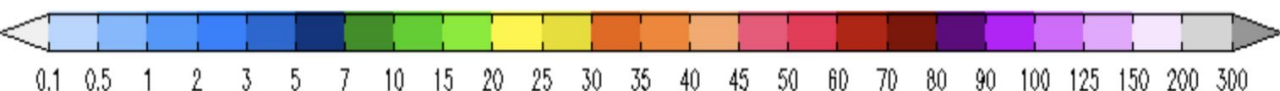






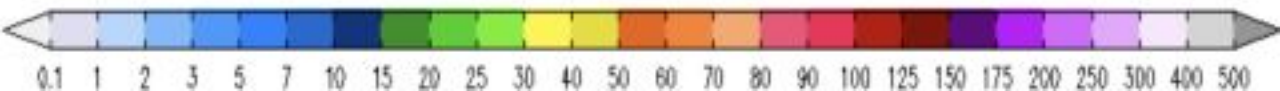
Accumulated Precipitation, 7 days (Satellite) (mm)

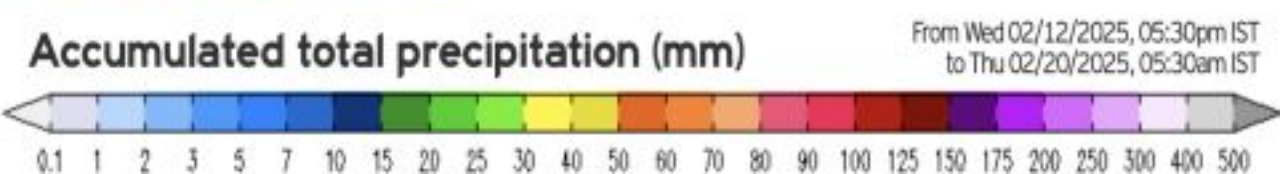
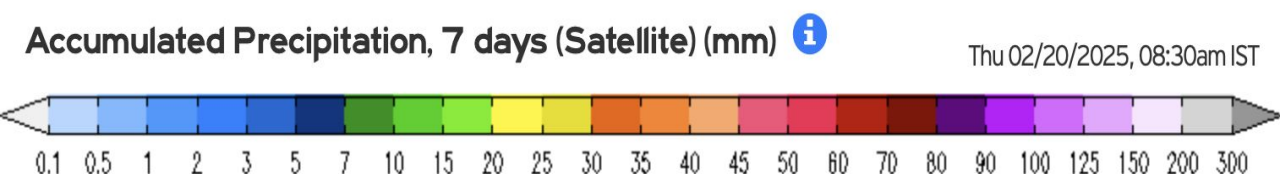
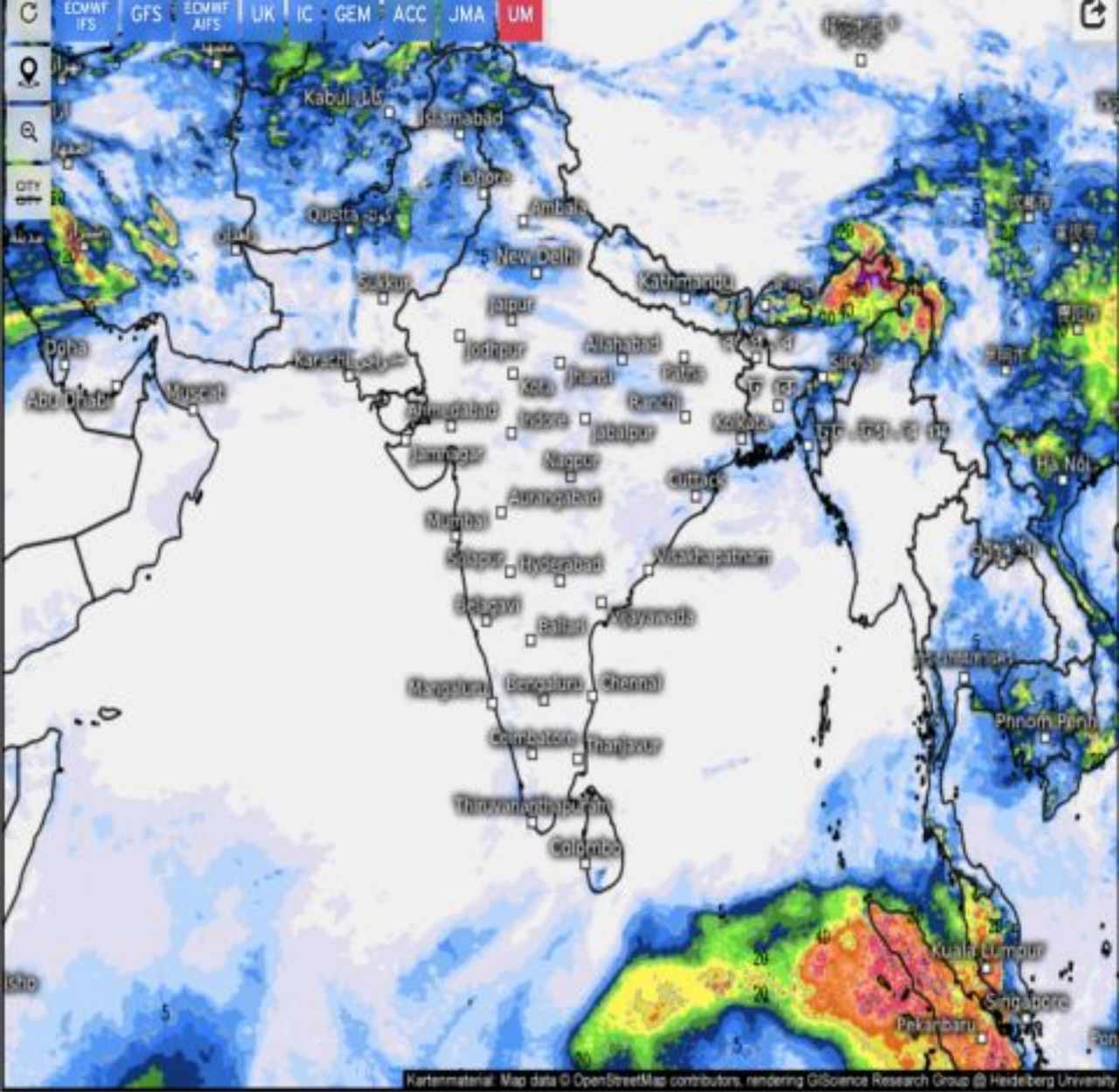
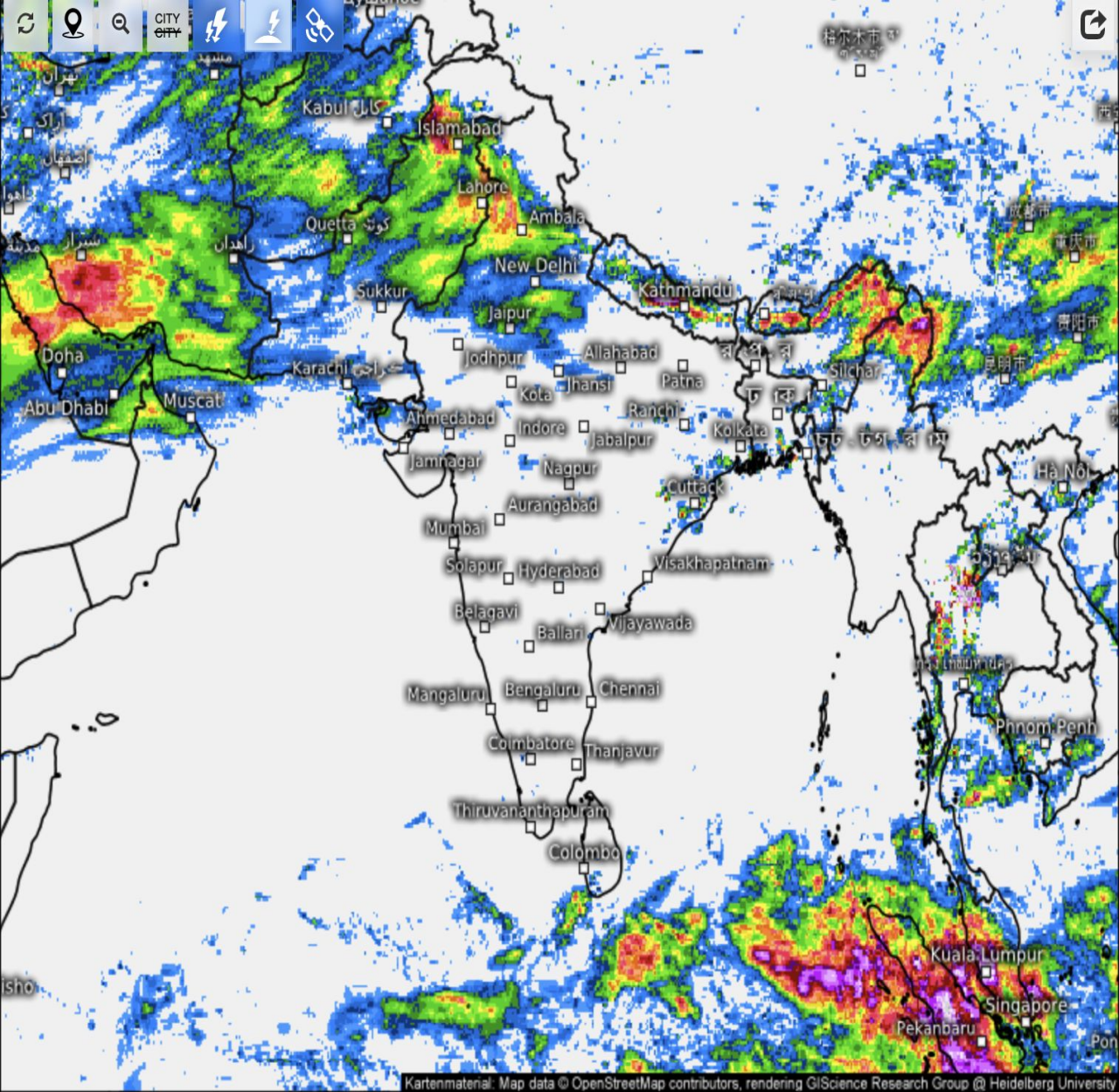
Thu 02/20/2025, 08:30am IST

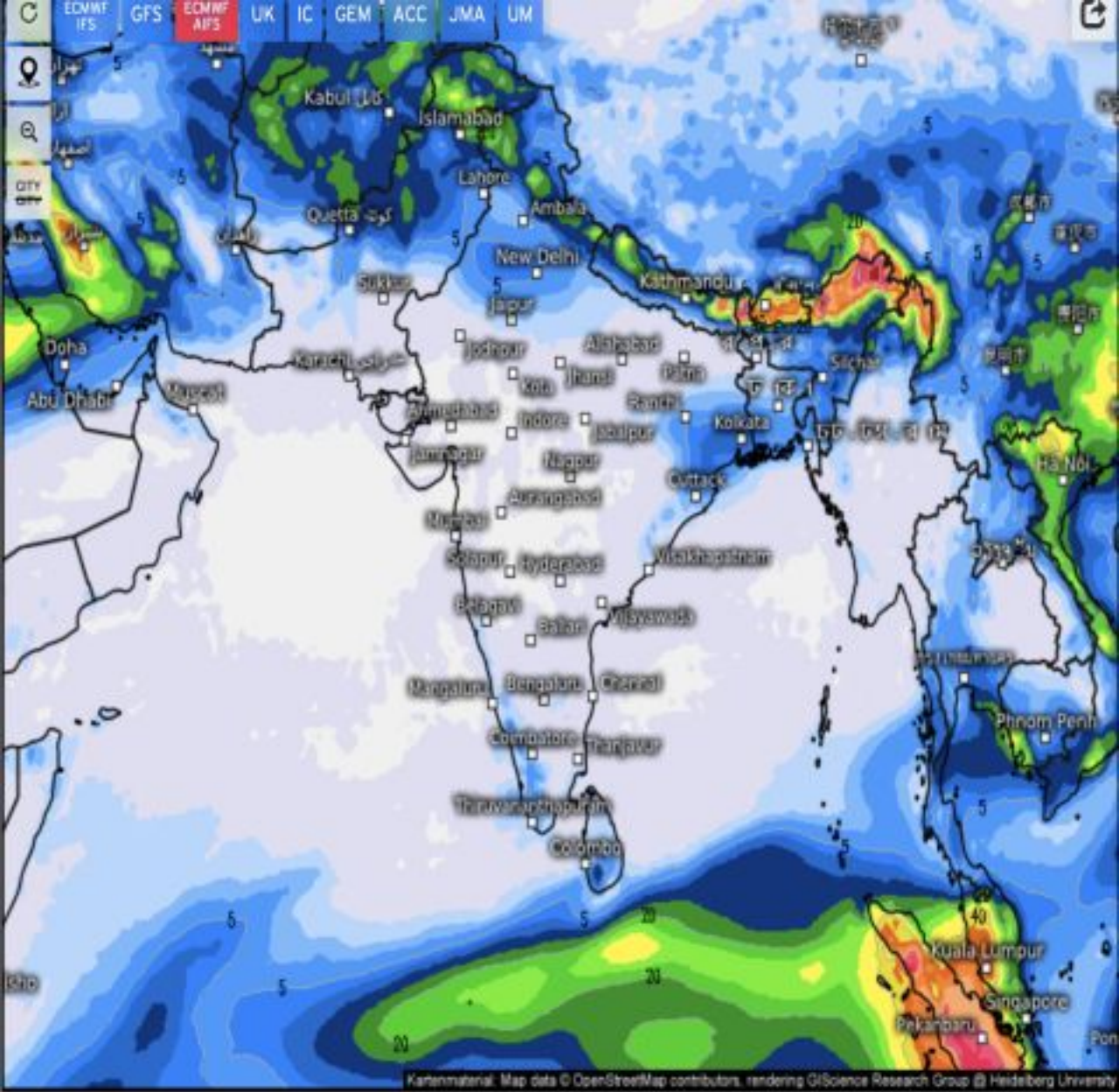
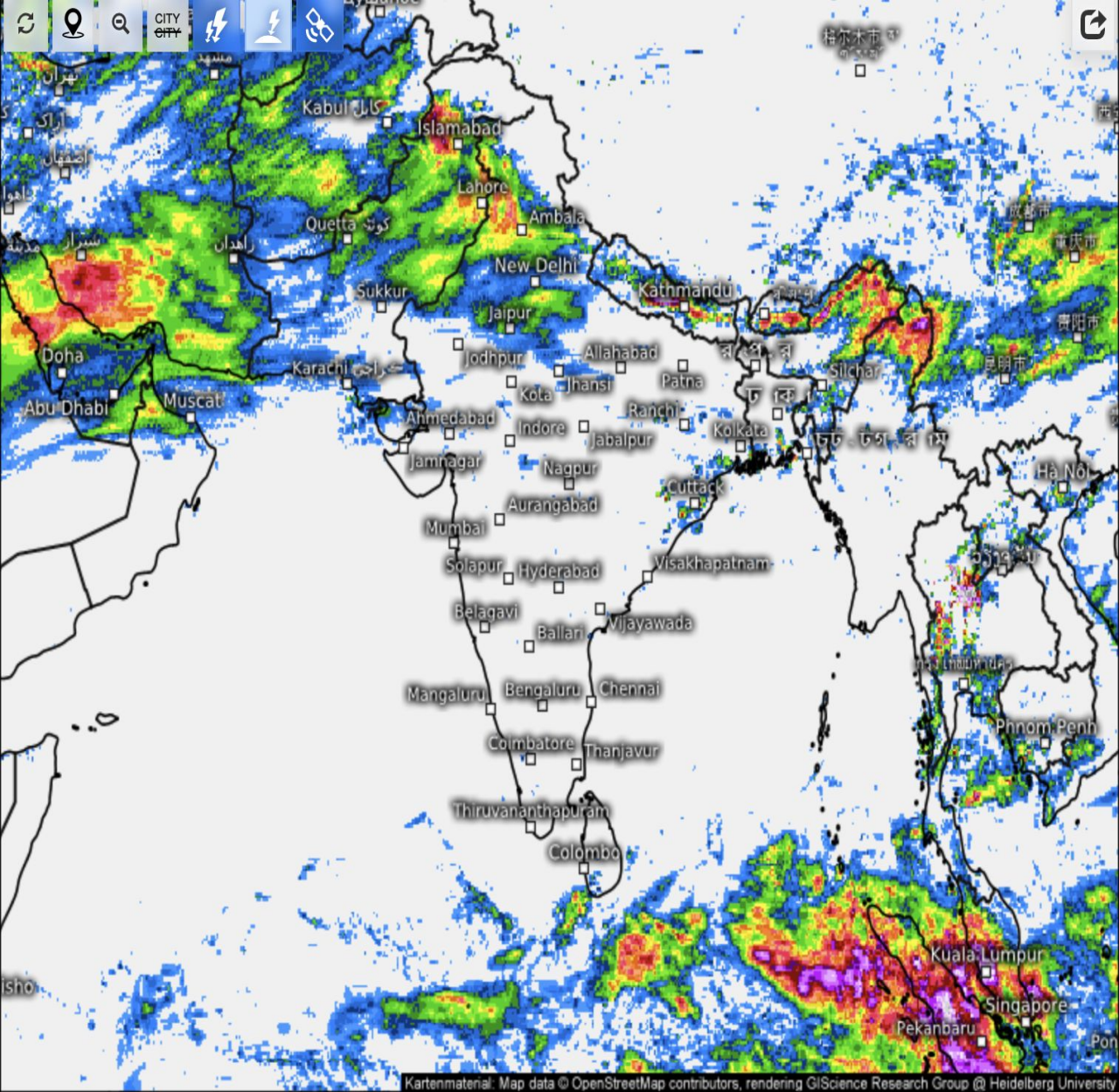


Accumulated total precipitation (mm)

From Wed 02/12/2025, 05:30pm IST
to Thu 02/20/2025, 05:30am IST

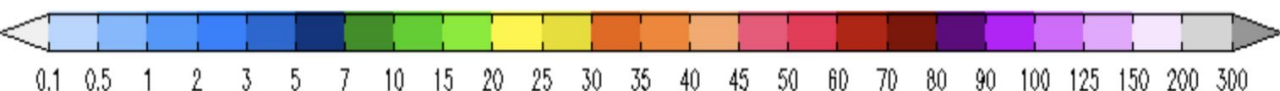






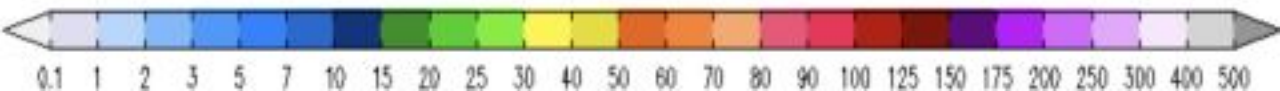
Accumulated Precipitation, 7 days (Satellite) (mm)

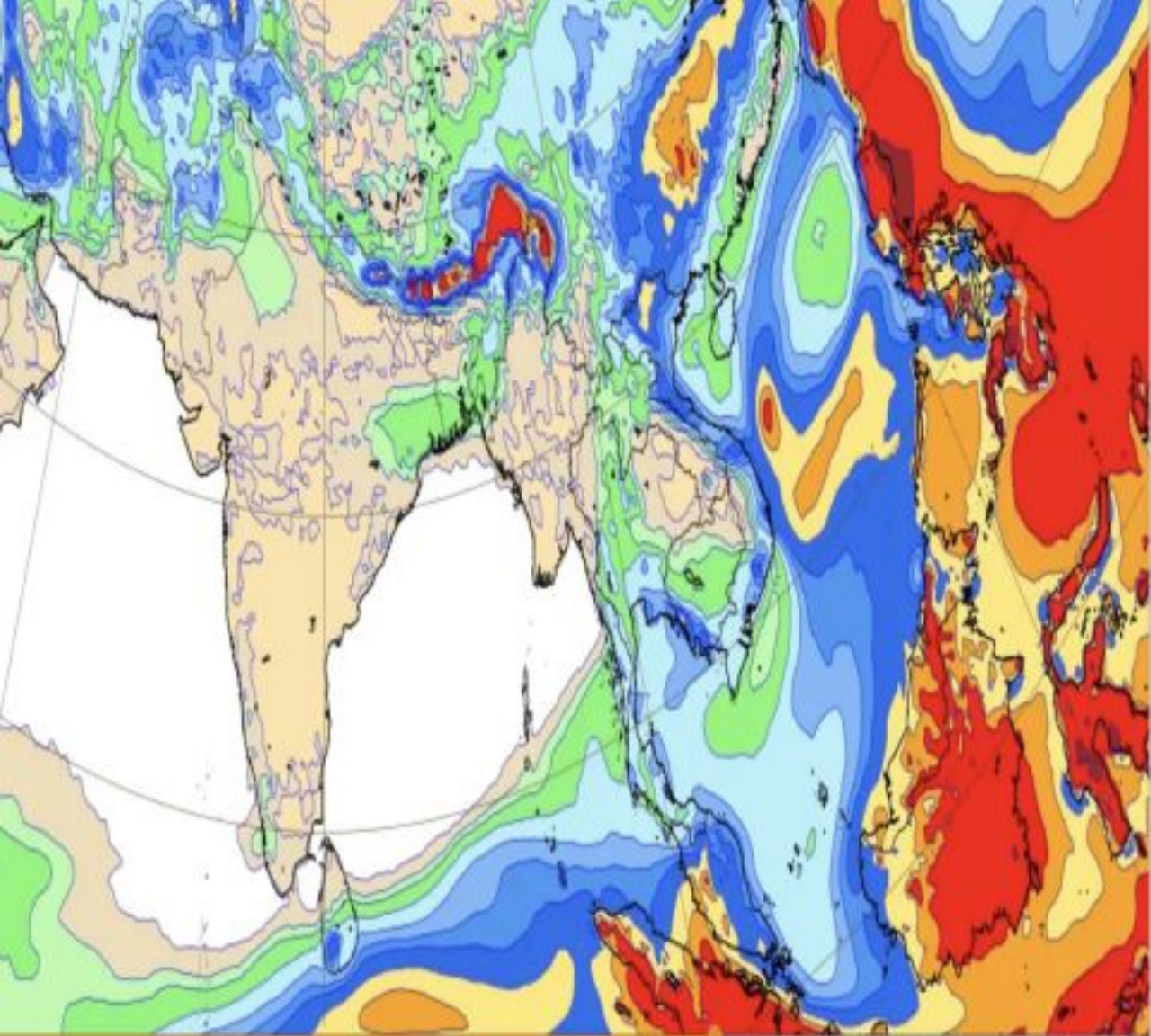
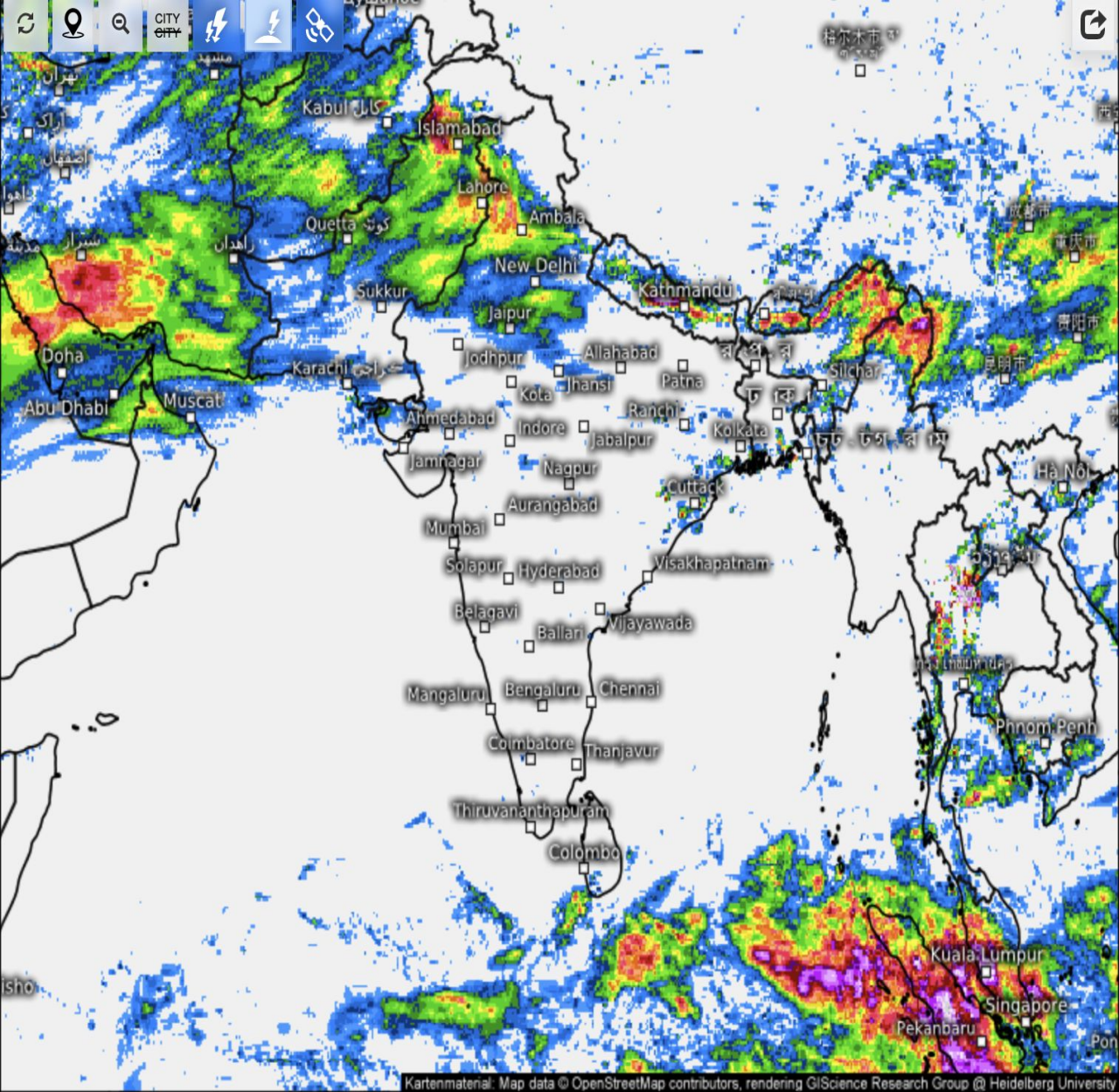
Thu 02/20/2025, 08:30am IST



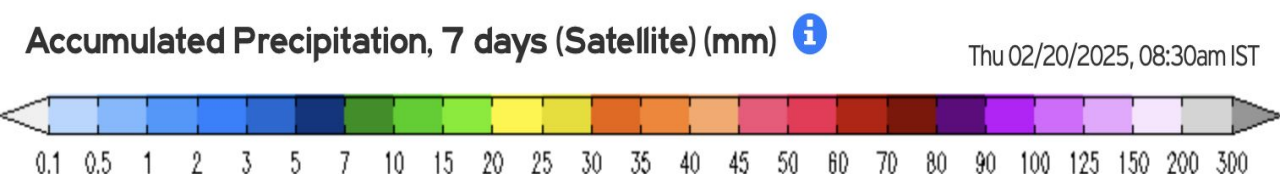
Accumulated total precipitation (mm)

From Wed 02/12/2025, 11:30pm IST
to Thu 02/20/2025, 05:30am IST

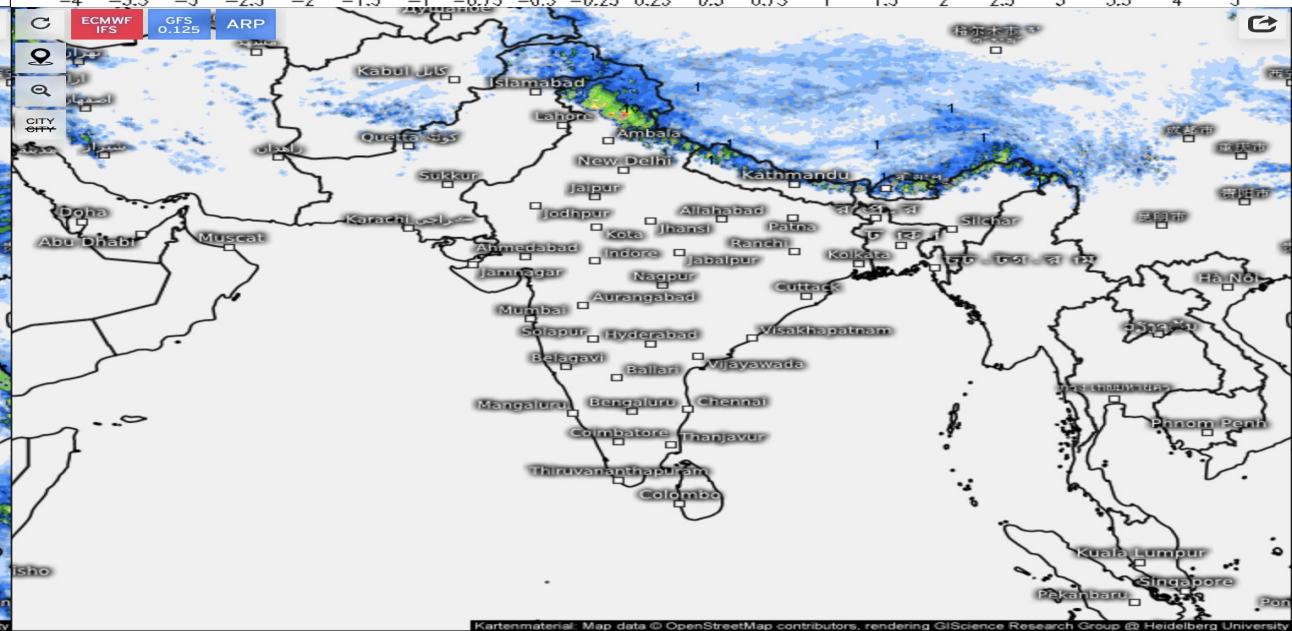
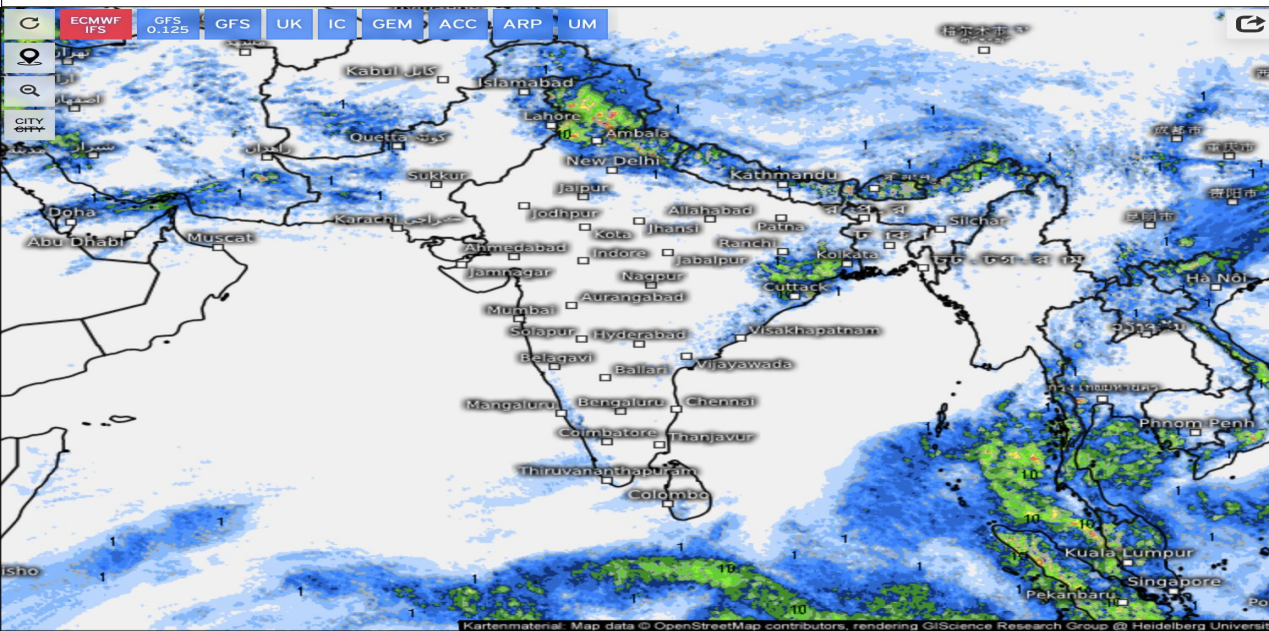
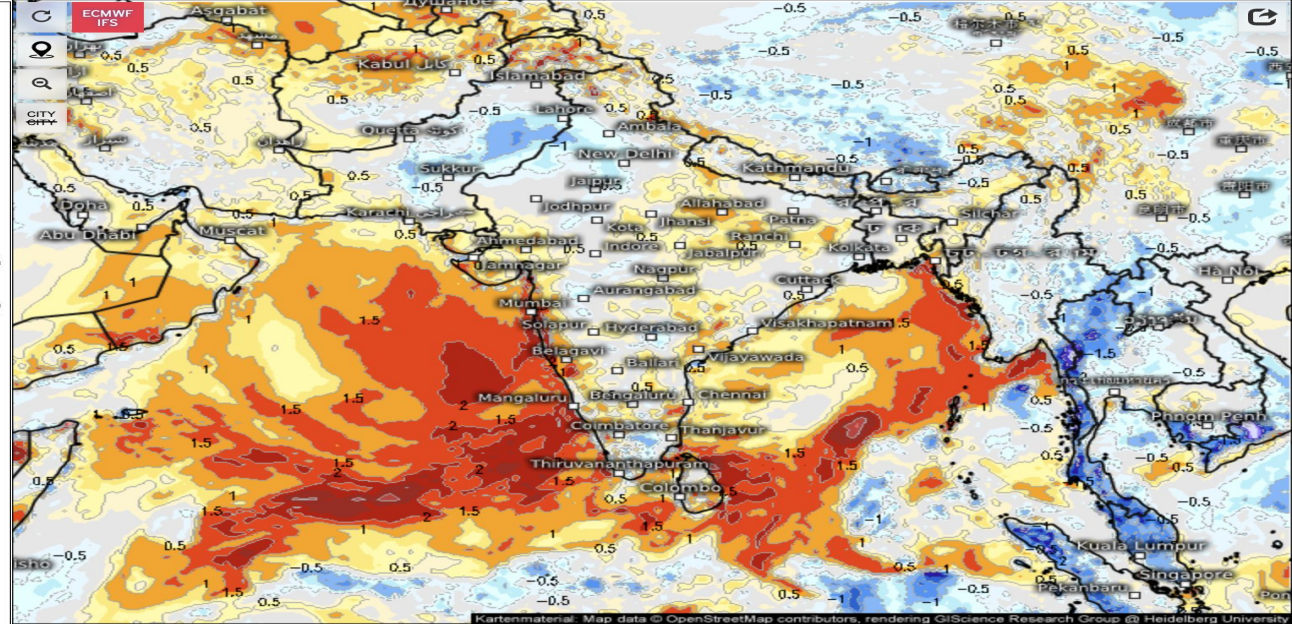
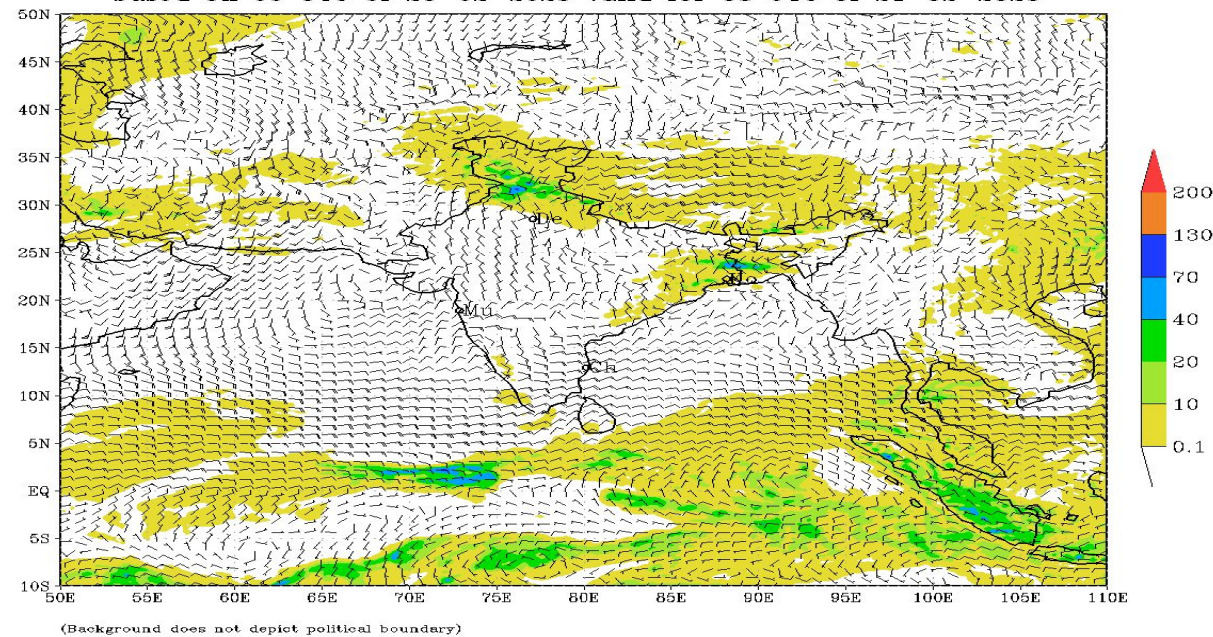




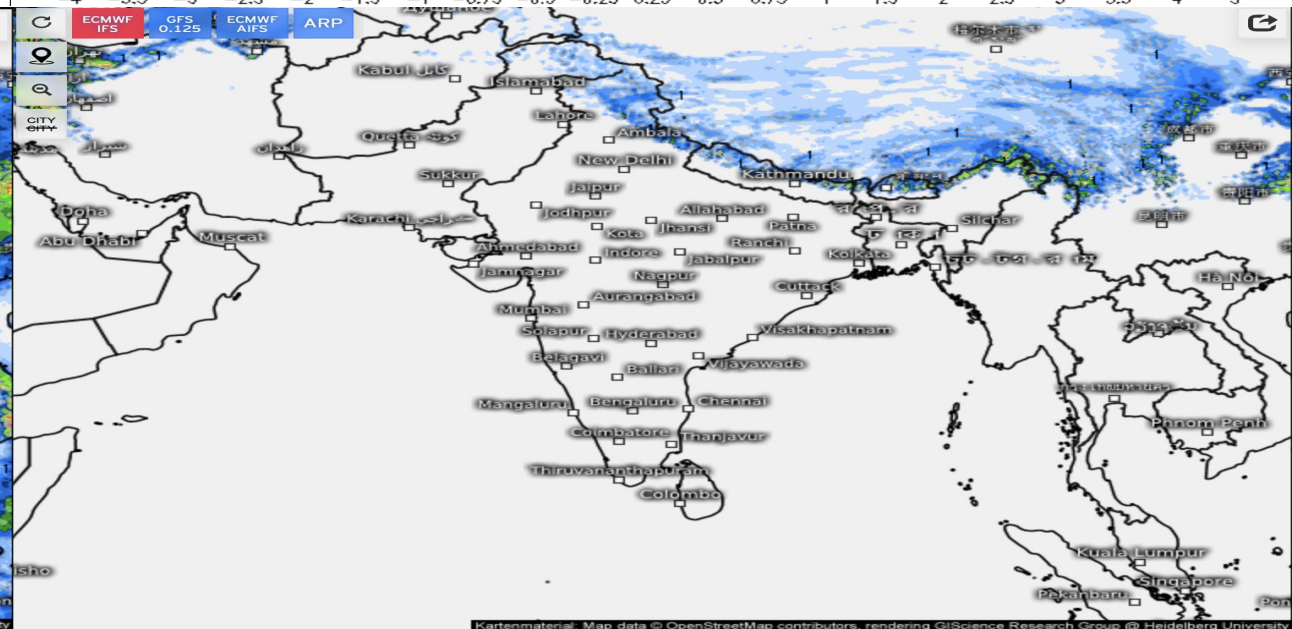
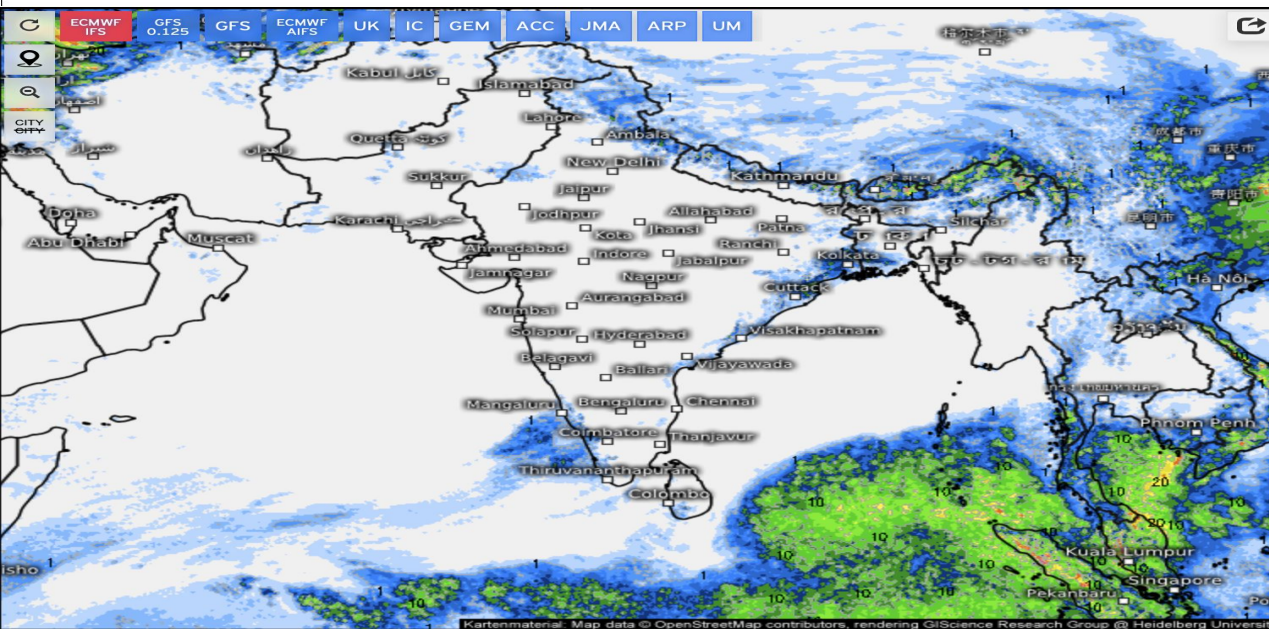
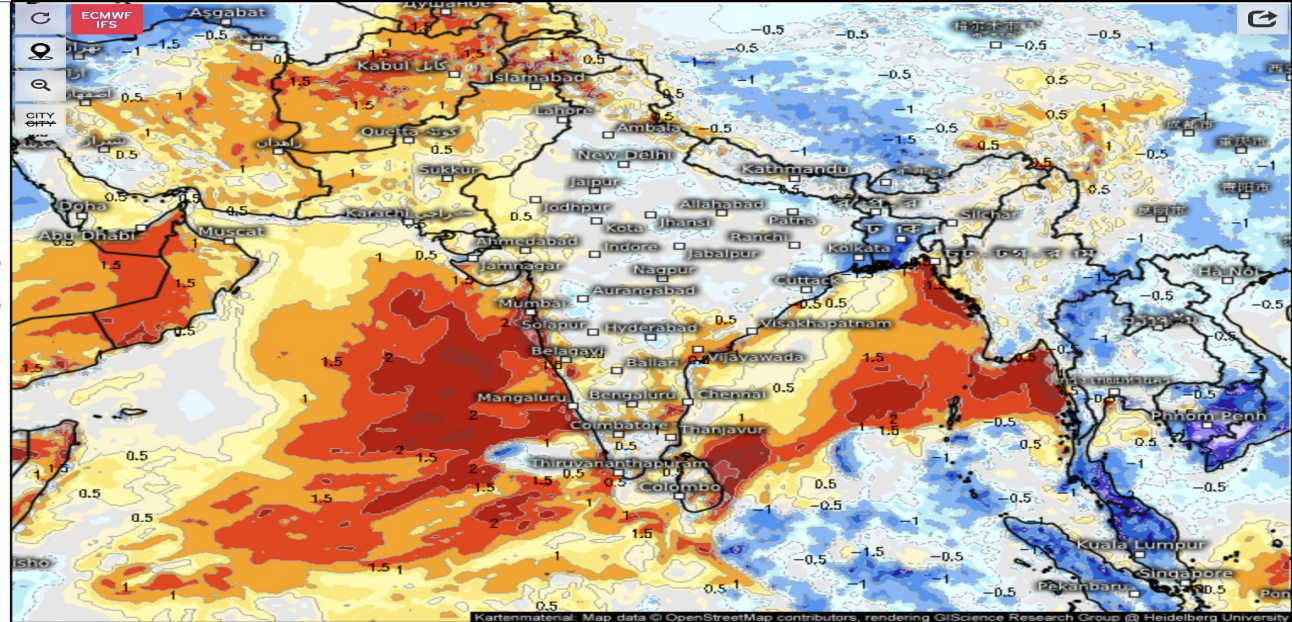
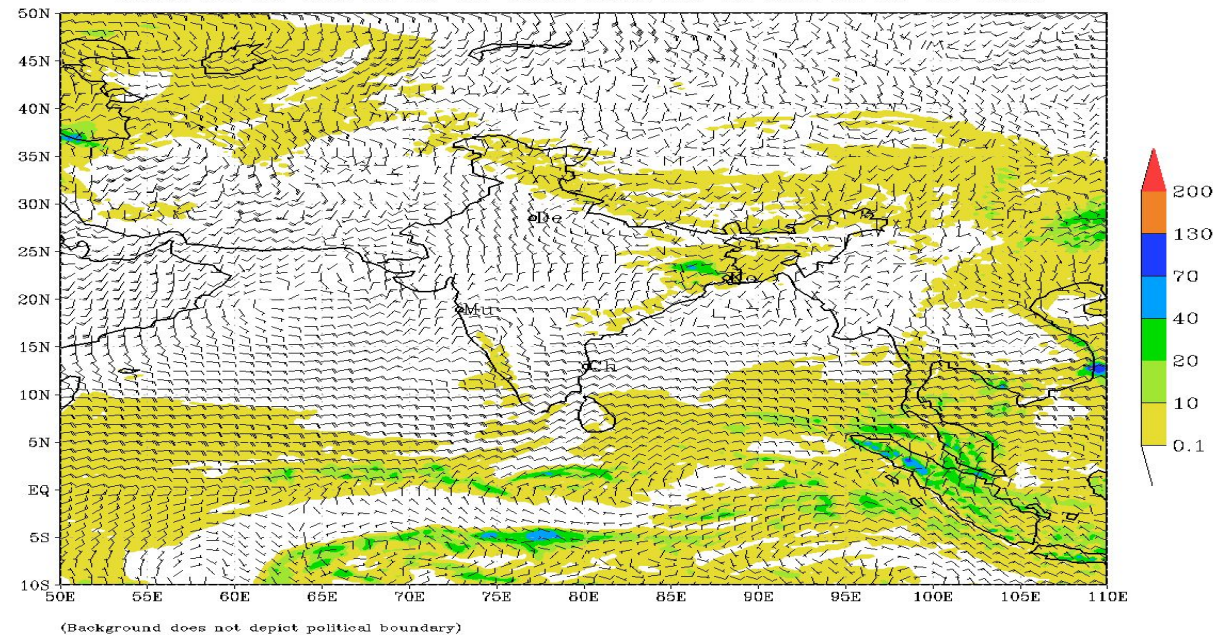
Thu 20 Feb 2025 00 UTC (T+168)



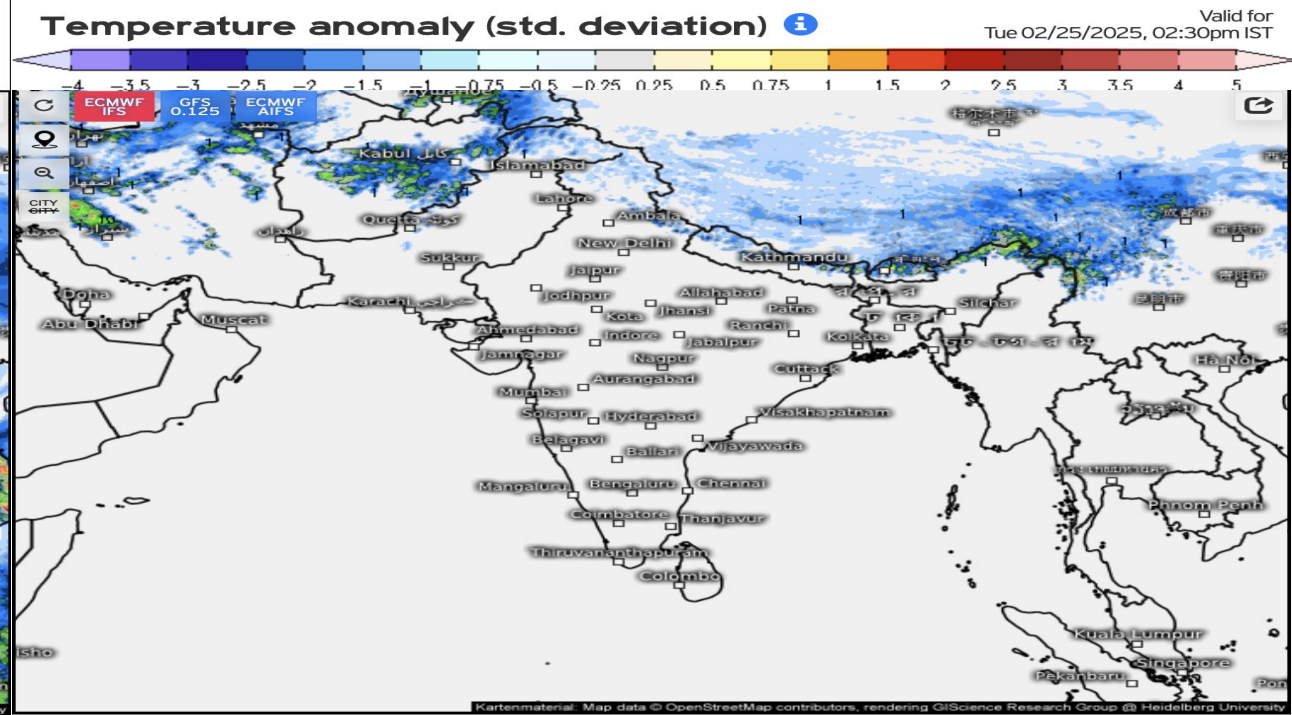
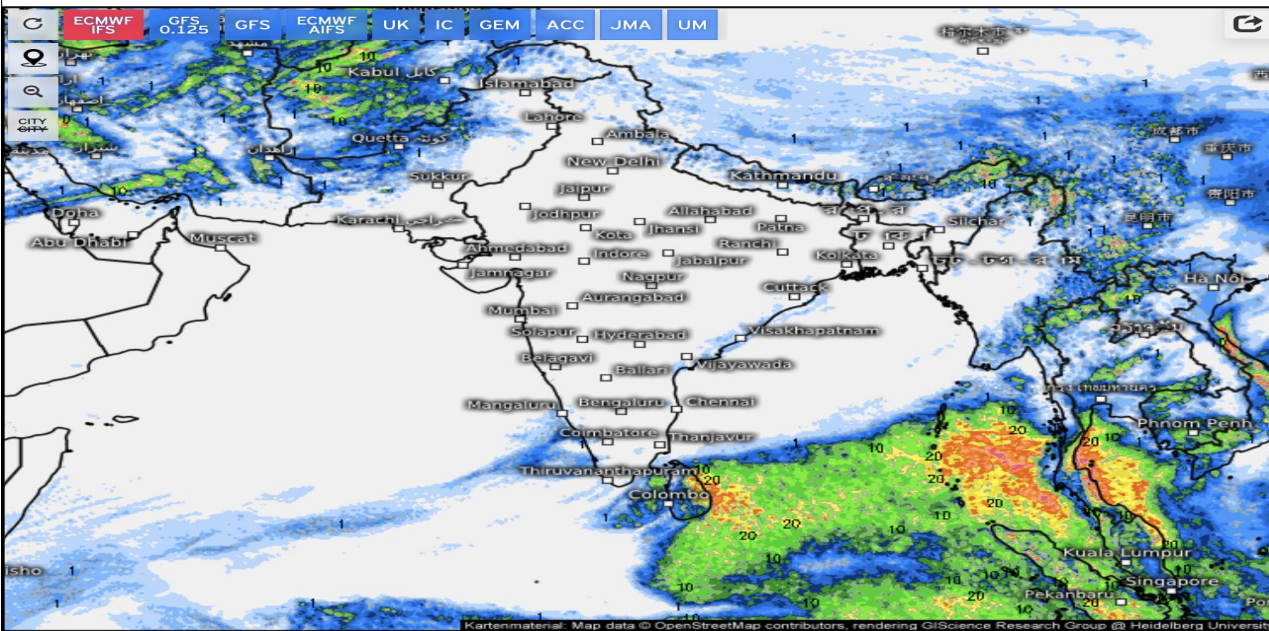
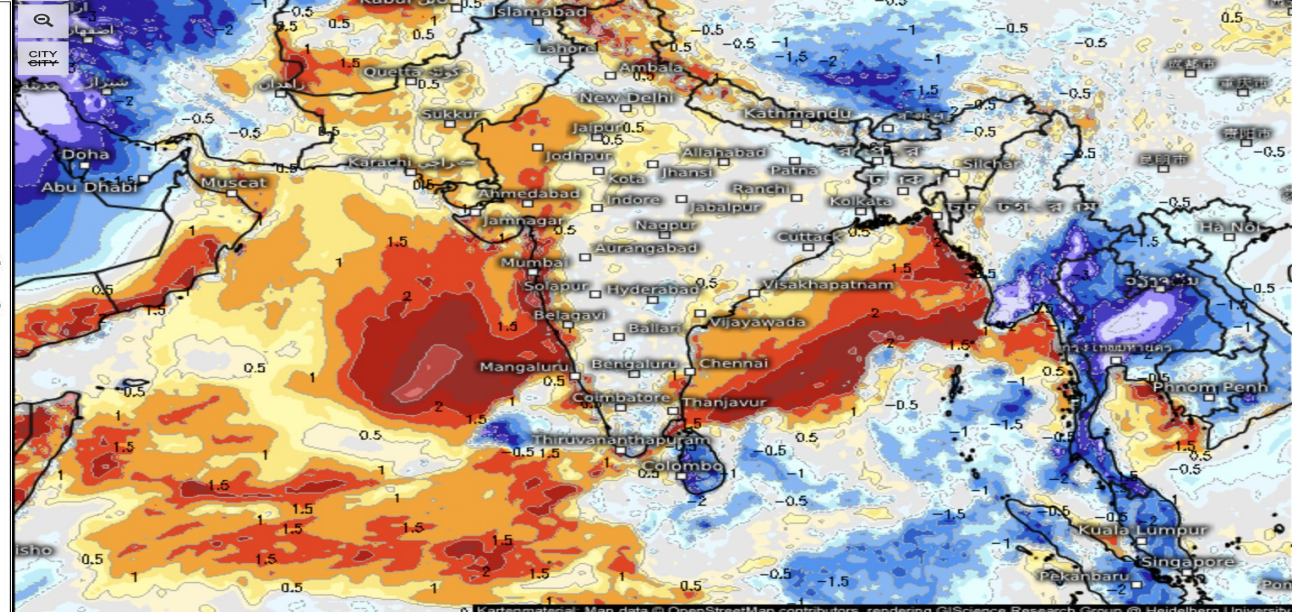
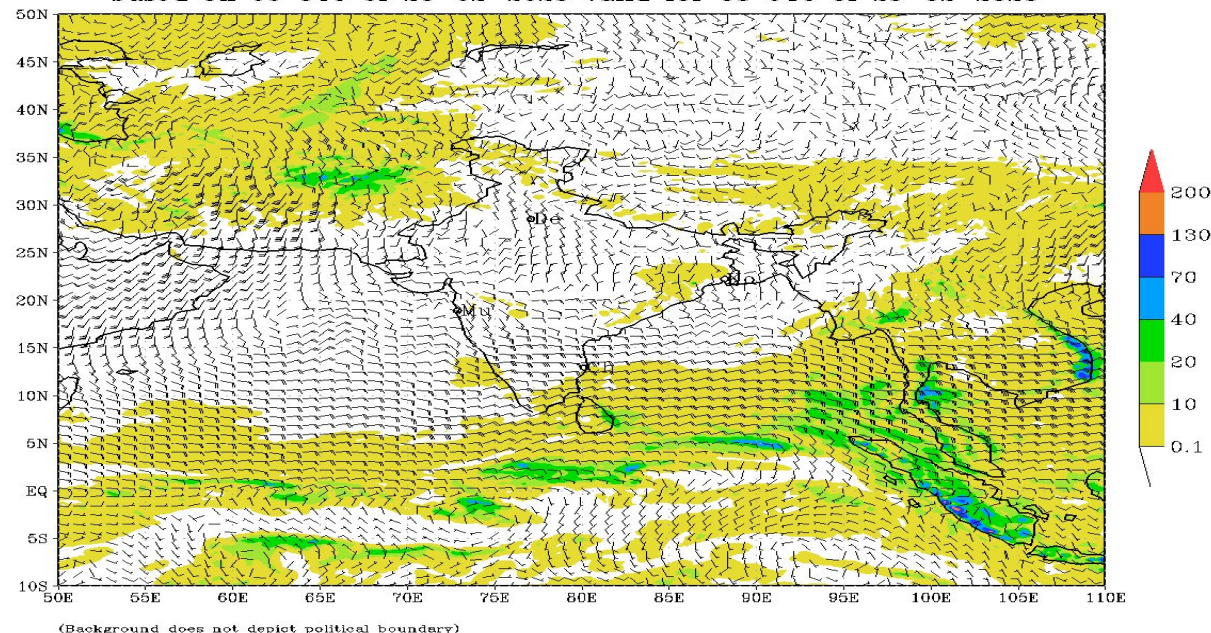
IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (24 HR)
based on 00 UTC of 20-02-2025 valid for 03 UTC of 21-02-2025



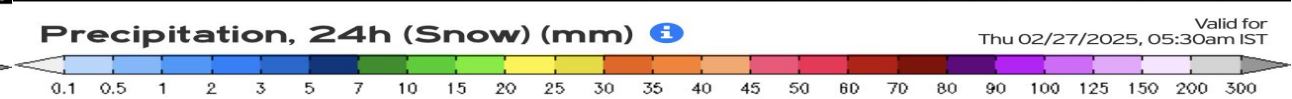
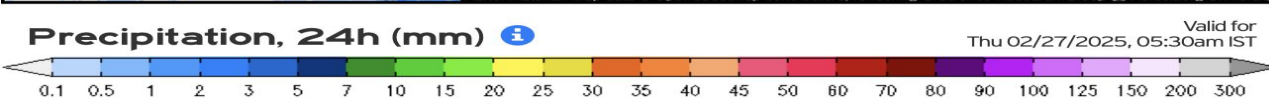
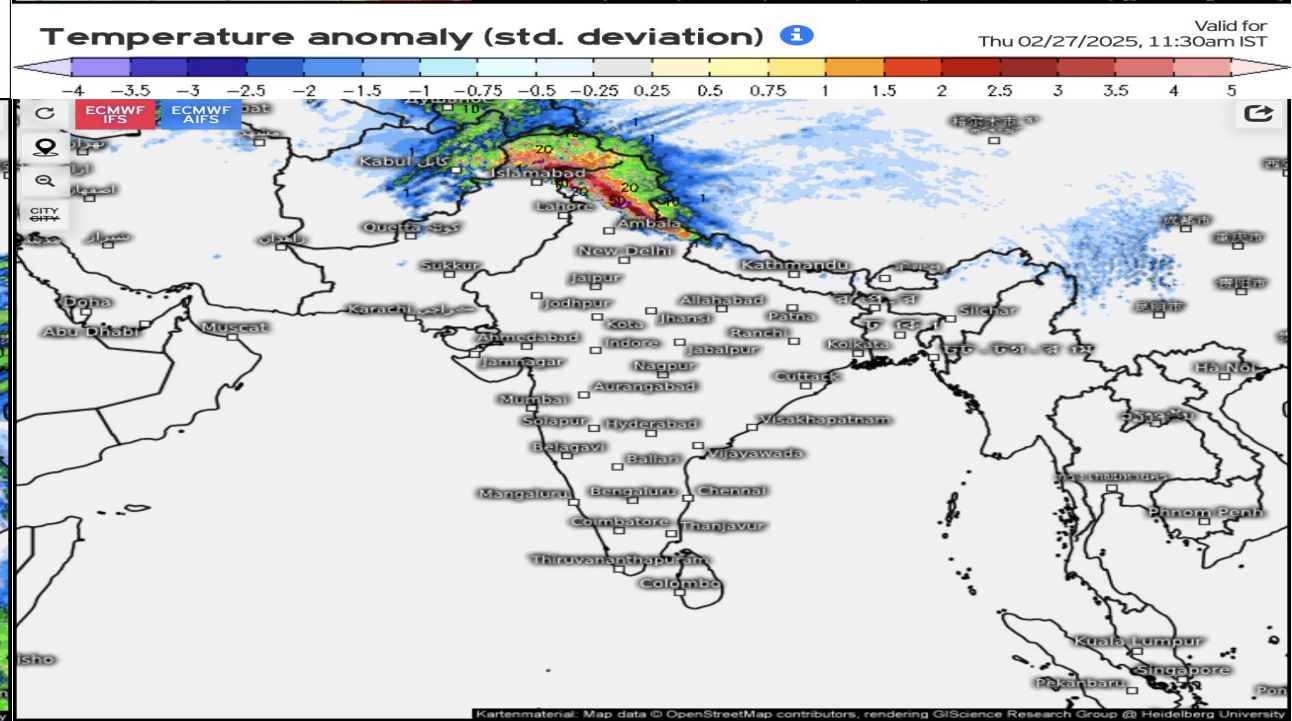
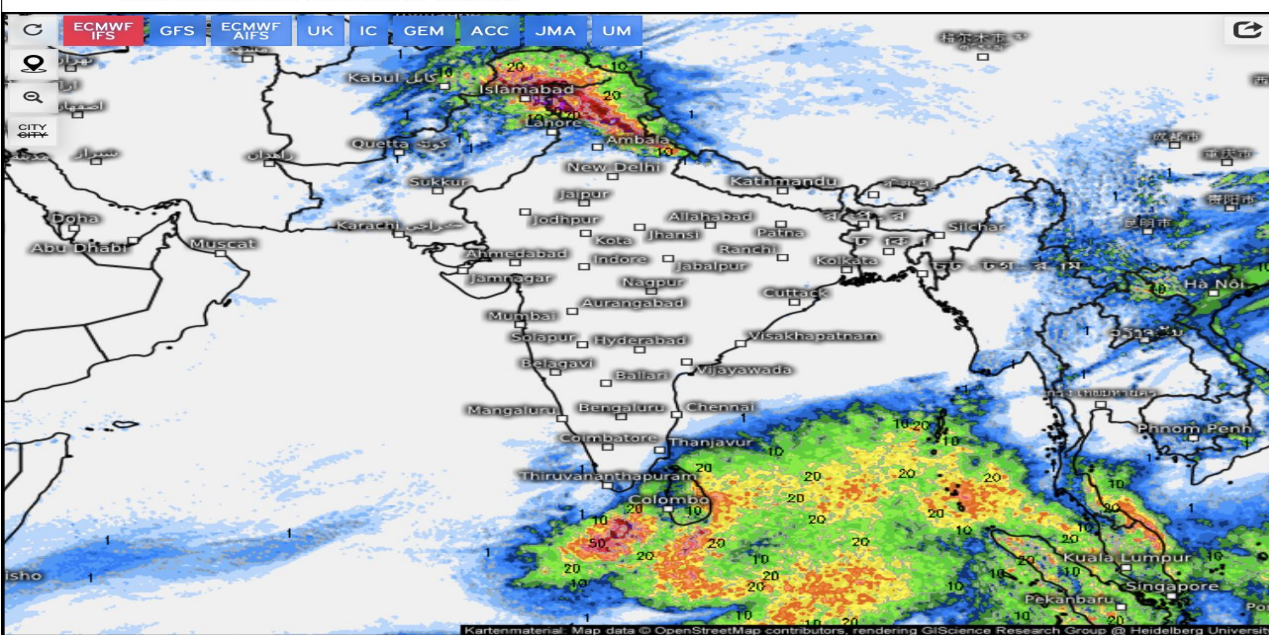
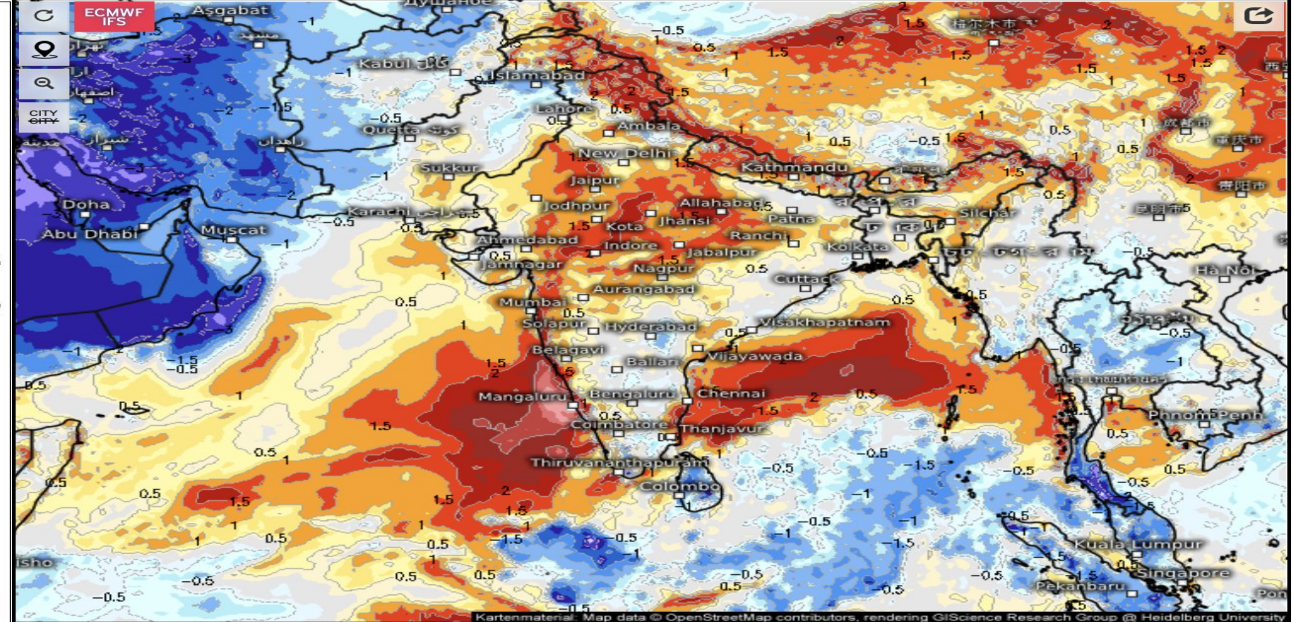
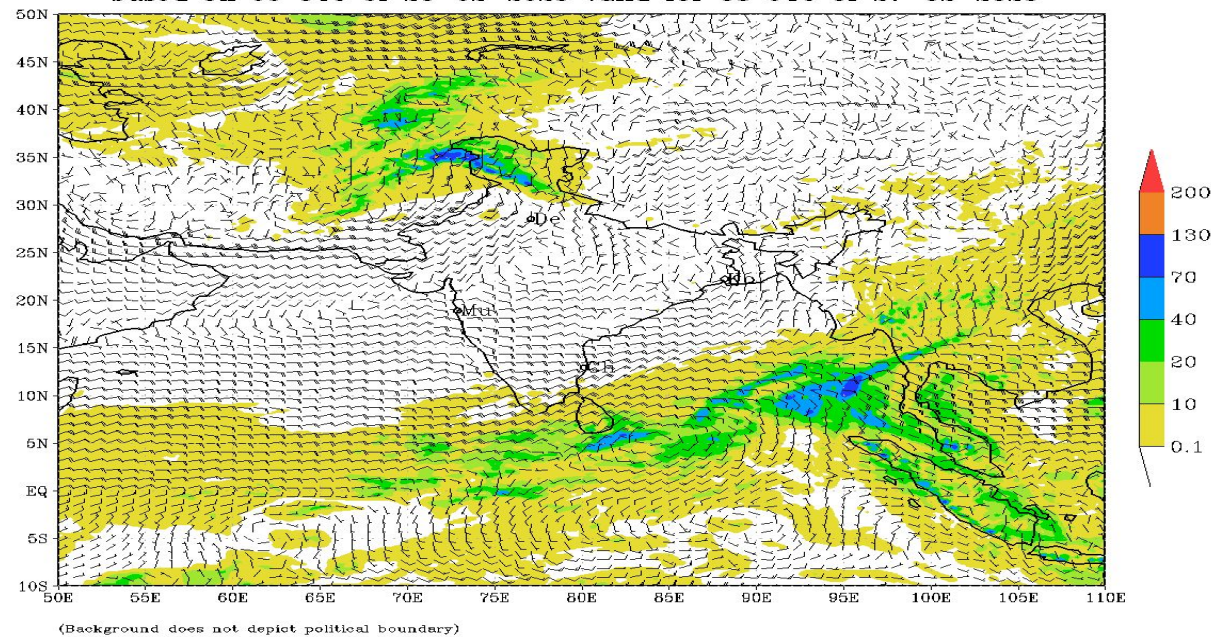
IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (72 HR)
based on 00 UTC of 20-02-2025 valid for 03 UTC of 23-02-2025

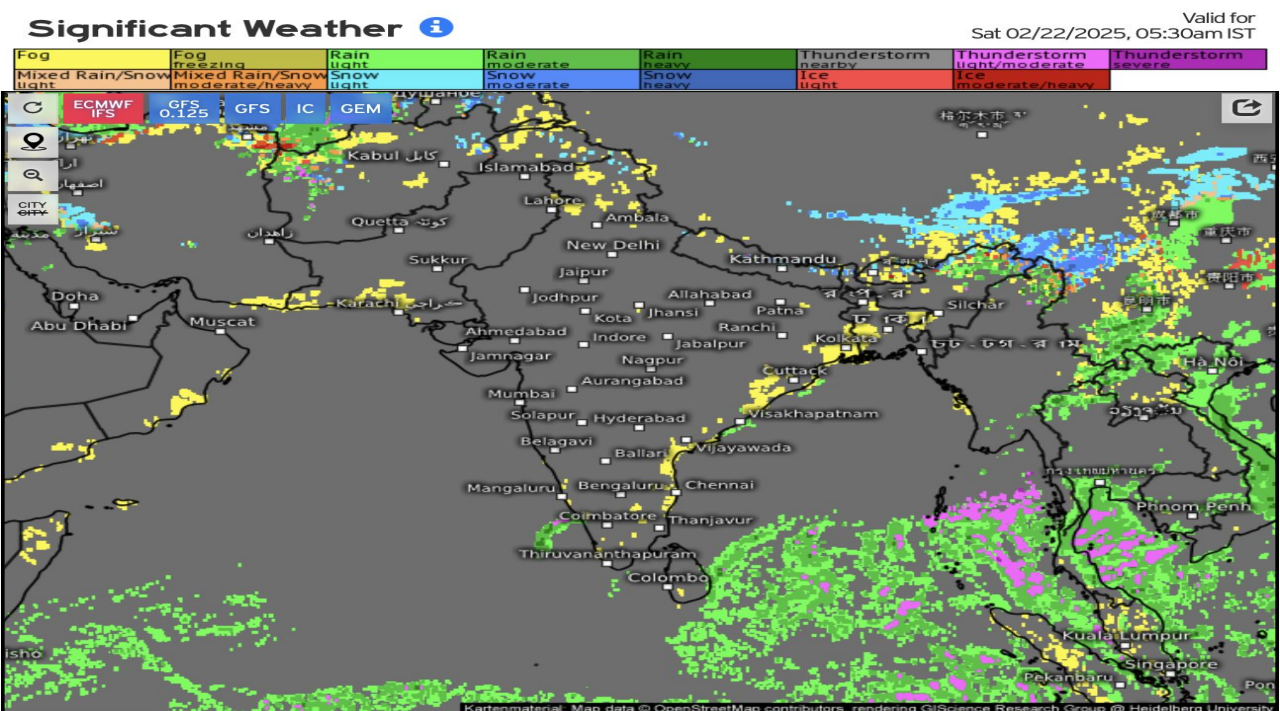
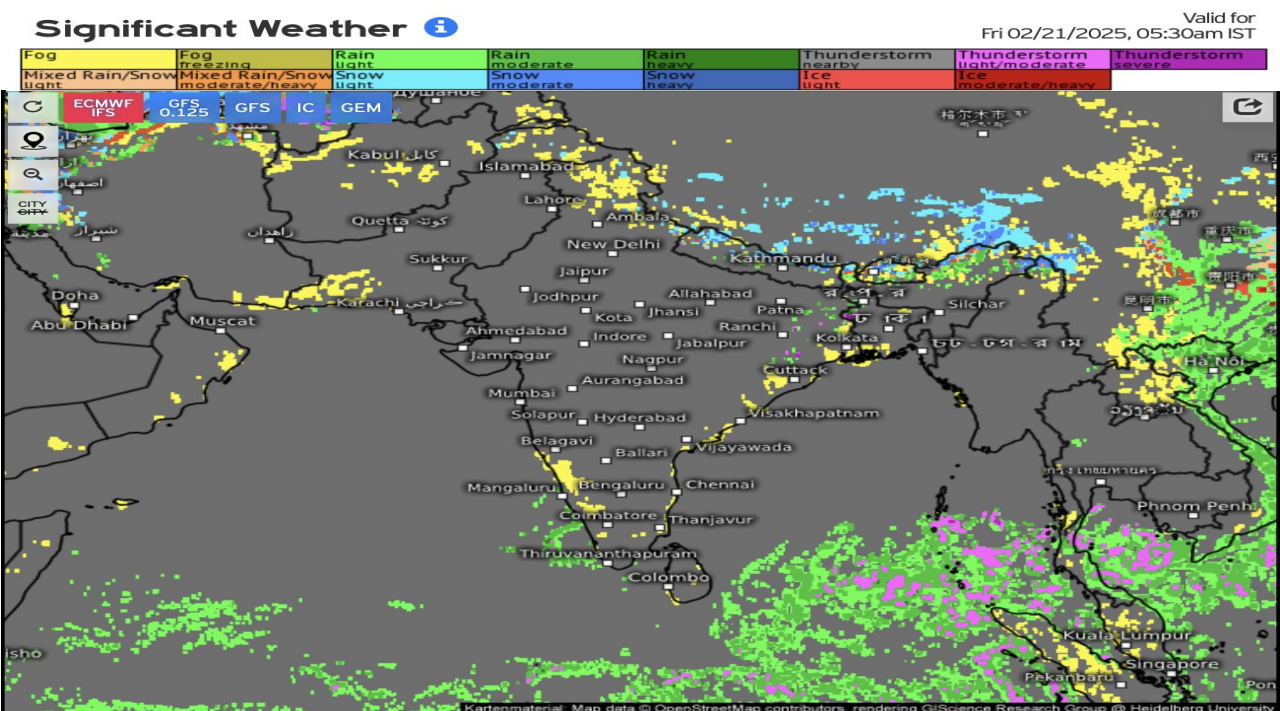
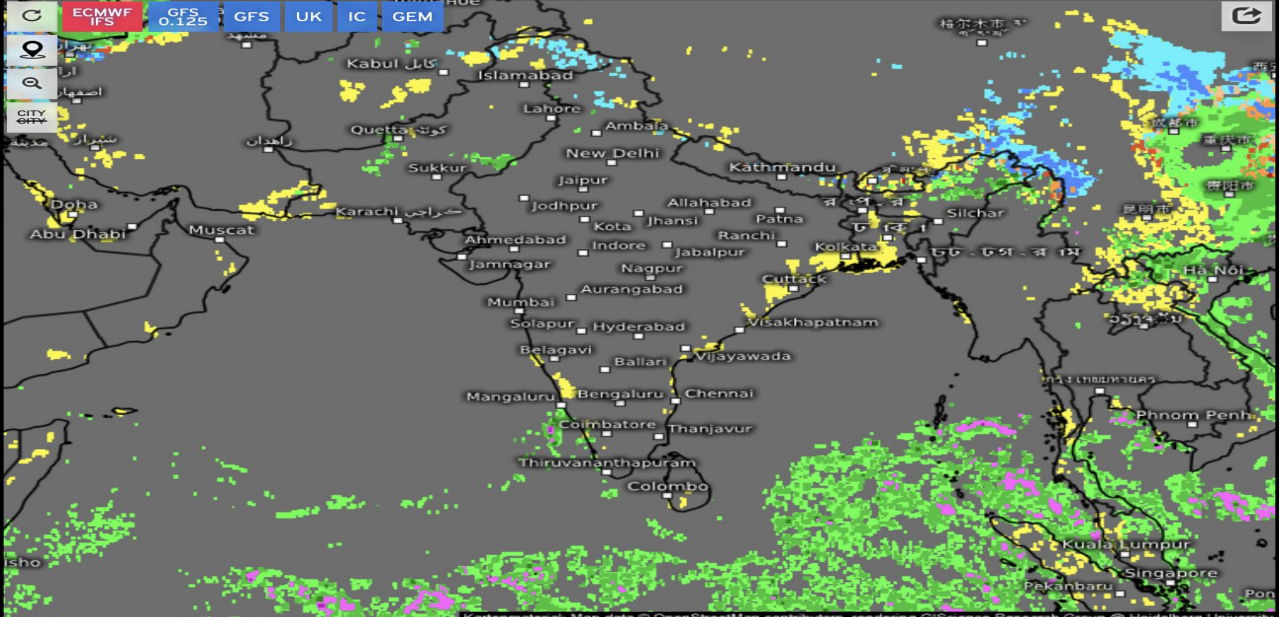
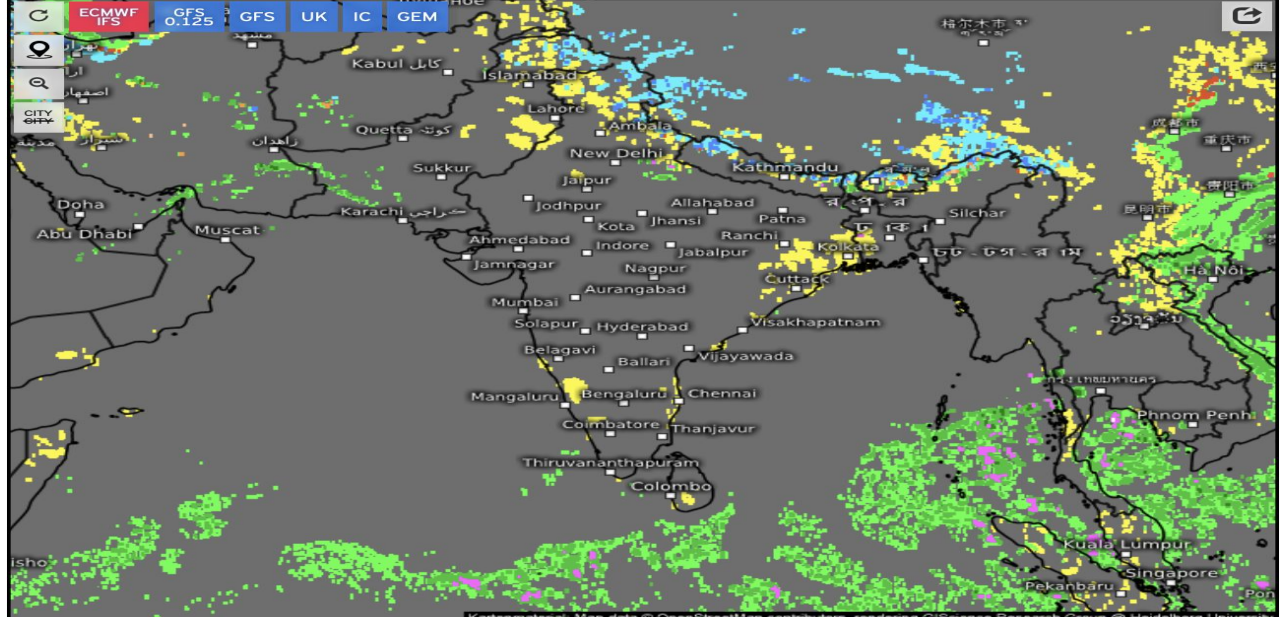


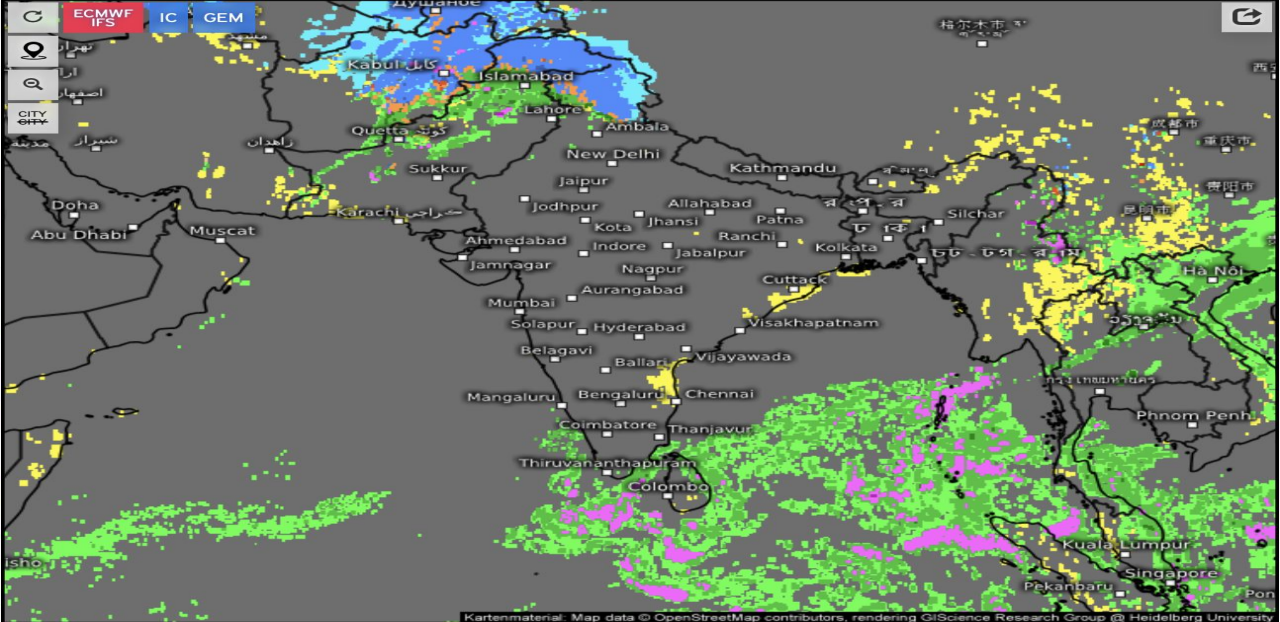
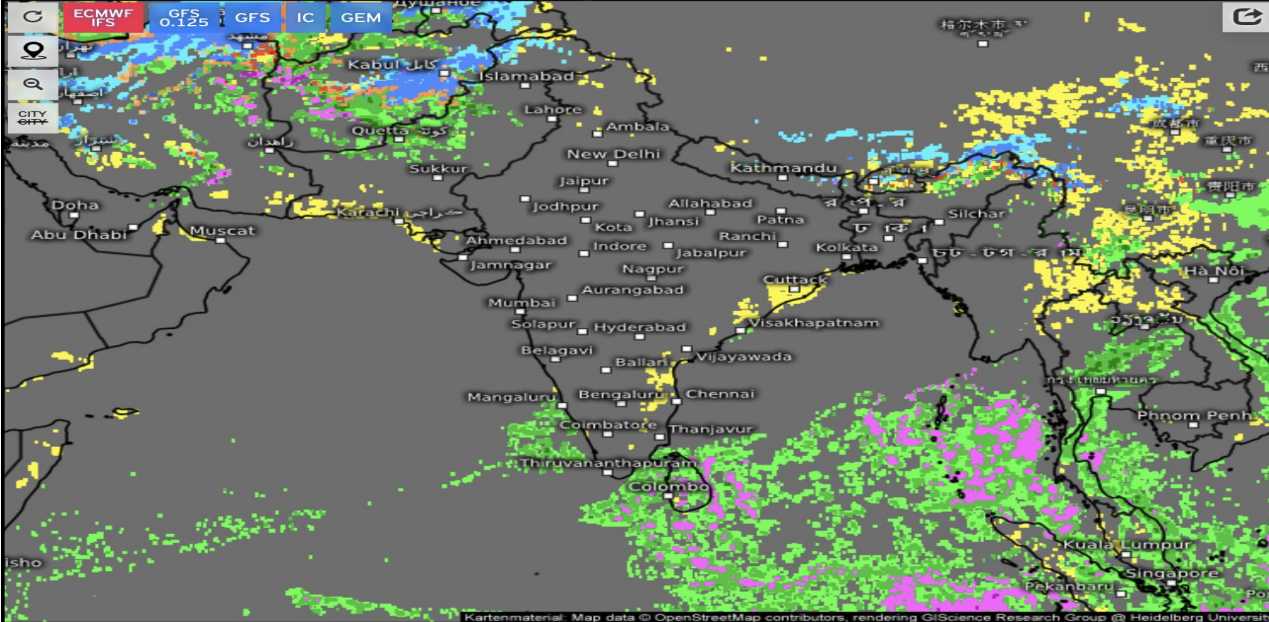
IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (120 HR)
based on 00 UTC of 20-02-2025 valid for 03 UTC of 25-02-2025



IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (168 HR)
based on 00 UTC of 20-02-2025 valid for 03 UTC of 27-02-2025





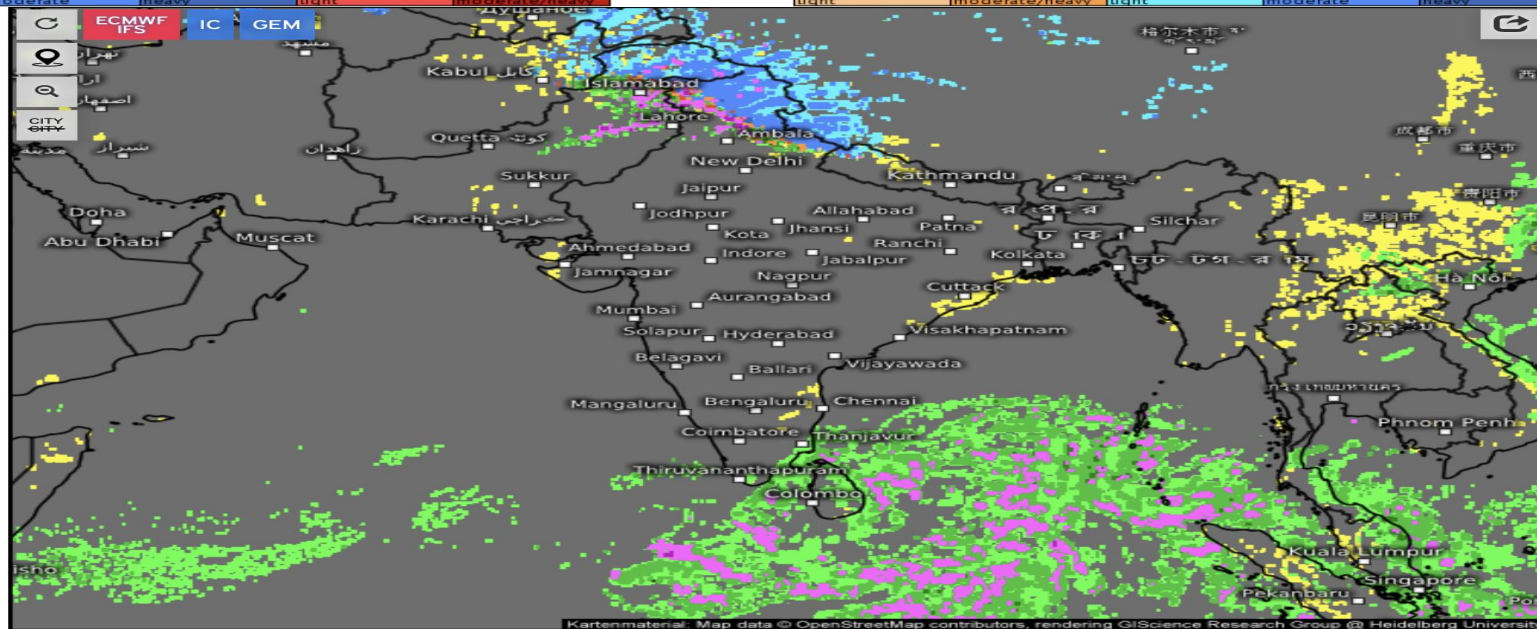


Significant Weather [i](#) Valid for Tue 02/25/2025, 05:30am IST

Fog	Fog freezing	Rain light	Rain moderate	Rain heavy	Thunderstorm nearby	Thunderstorm light/moderate	Thunderstorm severe
Mixed Rain/Snow light	Mixed Rain/Snow moderate/heavy	Snow light	Snow moderate	Snow heavy	Ice light	Ice moderate/heavy	

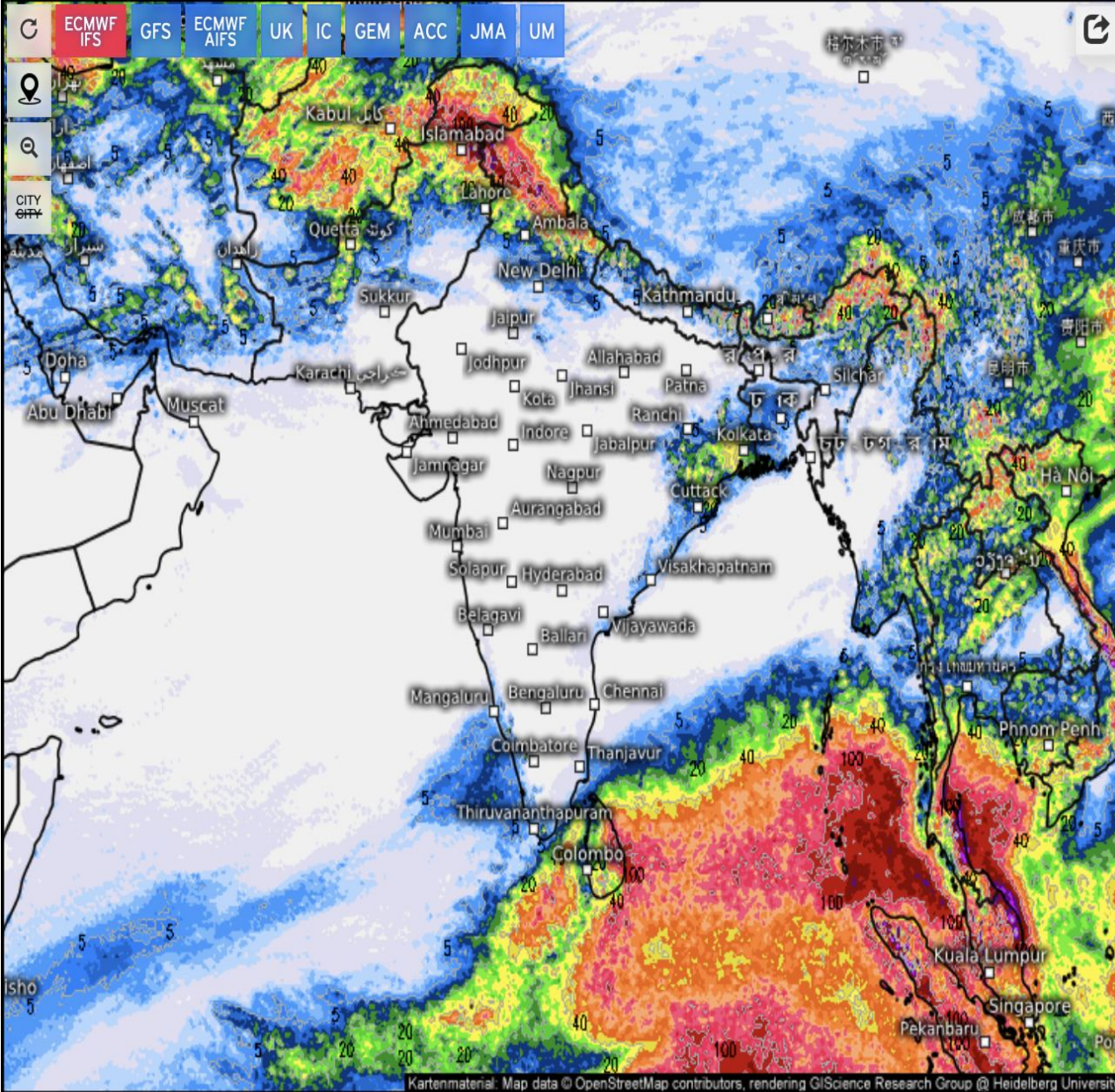
Significant Weather [i](#) Valid for Wed 02/26/2025, 05:30am IST

Fog	Fog freezing	Rain light	Rain moderate	Rain heavy	Thunderstorm nearby	Thunderstorm light/moderate	Thunderstorm severe
Mixed Rain/Snow light	Mixed Rain/Snow moderate/heavy	Snow light	Snow moderate	Snow heavy	Ice light	Ice moderate/heavy	

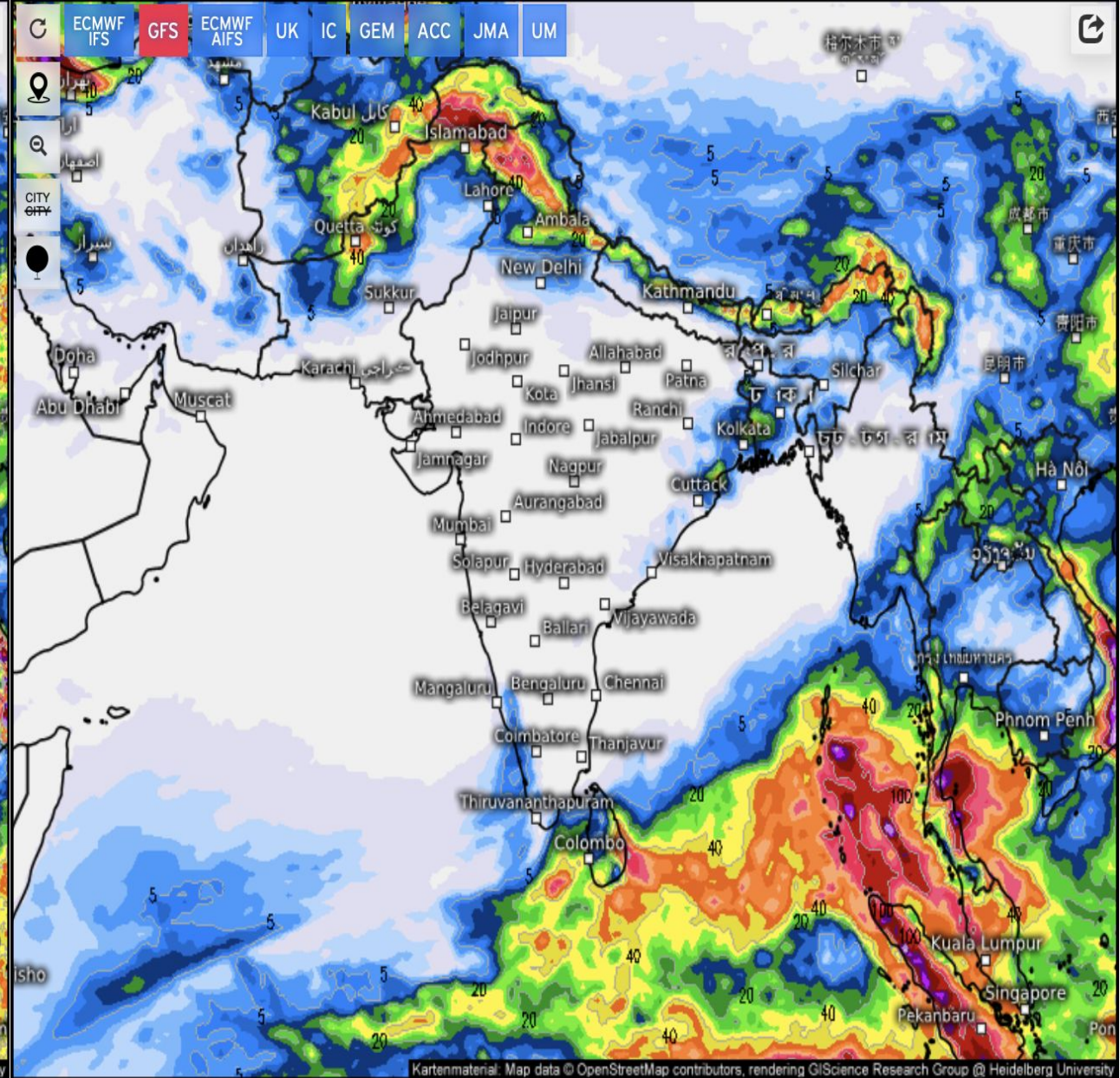


Significant Weather [i](#) Valid for Thu 02/27/2025, 05:30am IST

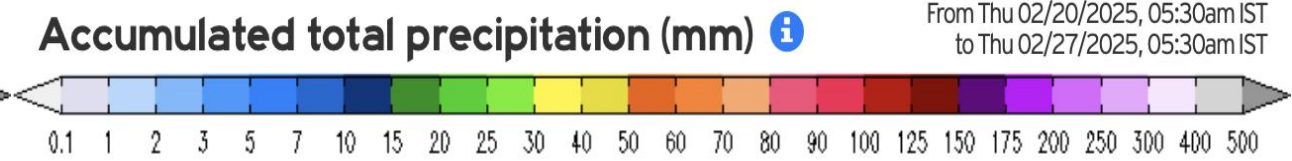
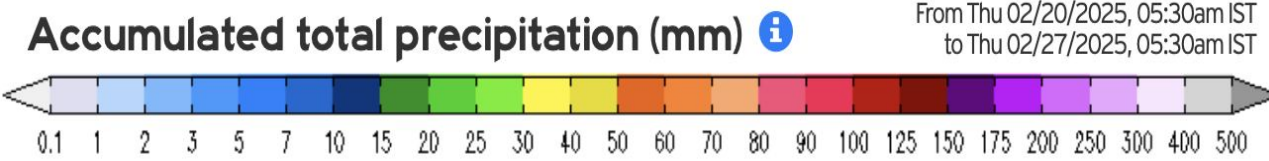
Fog	Fog freezing	Rain light	Rain moderate	Rain heavy	Thunderstorm nearby	Thunderstorm light/moderate	Thunderstorm severe
Mixed Rain/Snow light	Mixed Rain/Snow moderate/heavy	Snow light	Snow moderate	Snow heavy	Ice light	Ice moderate/heavy	

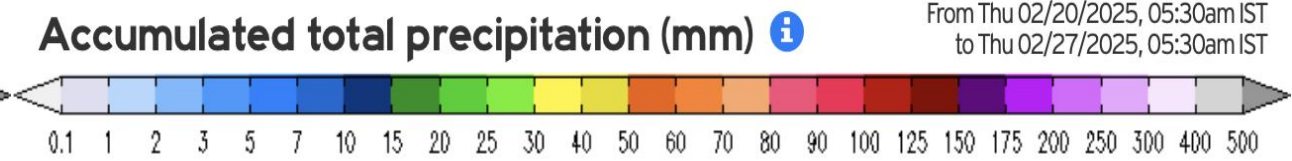
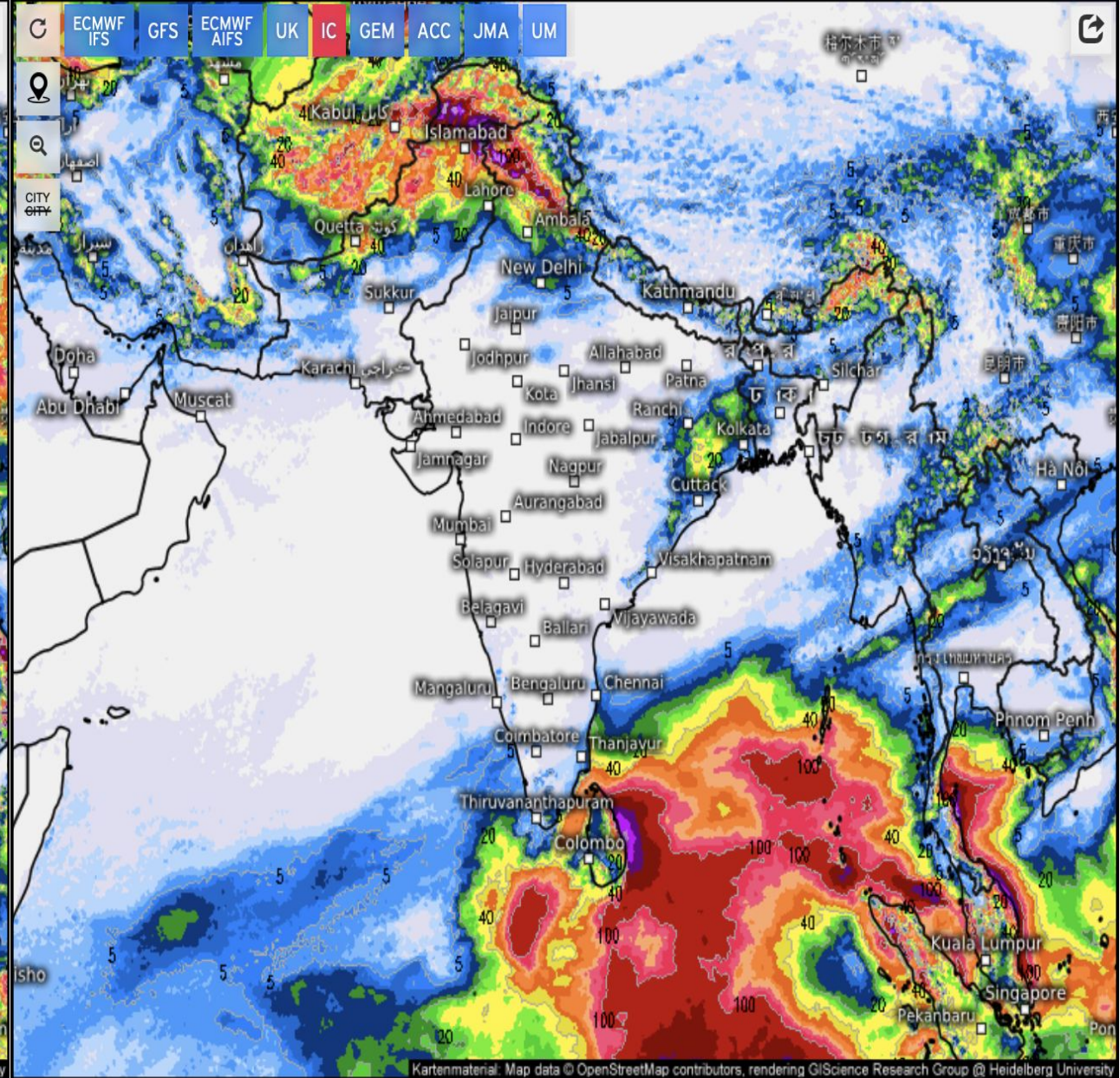
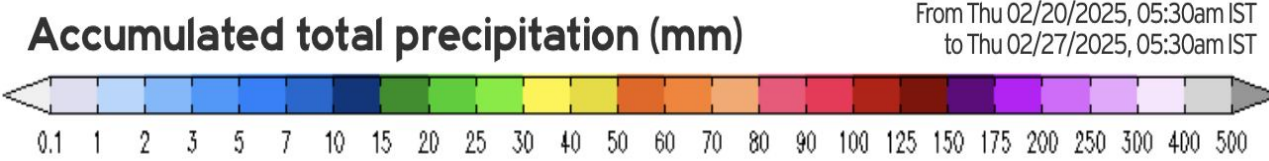
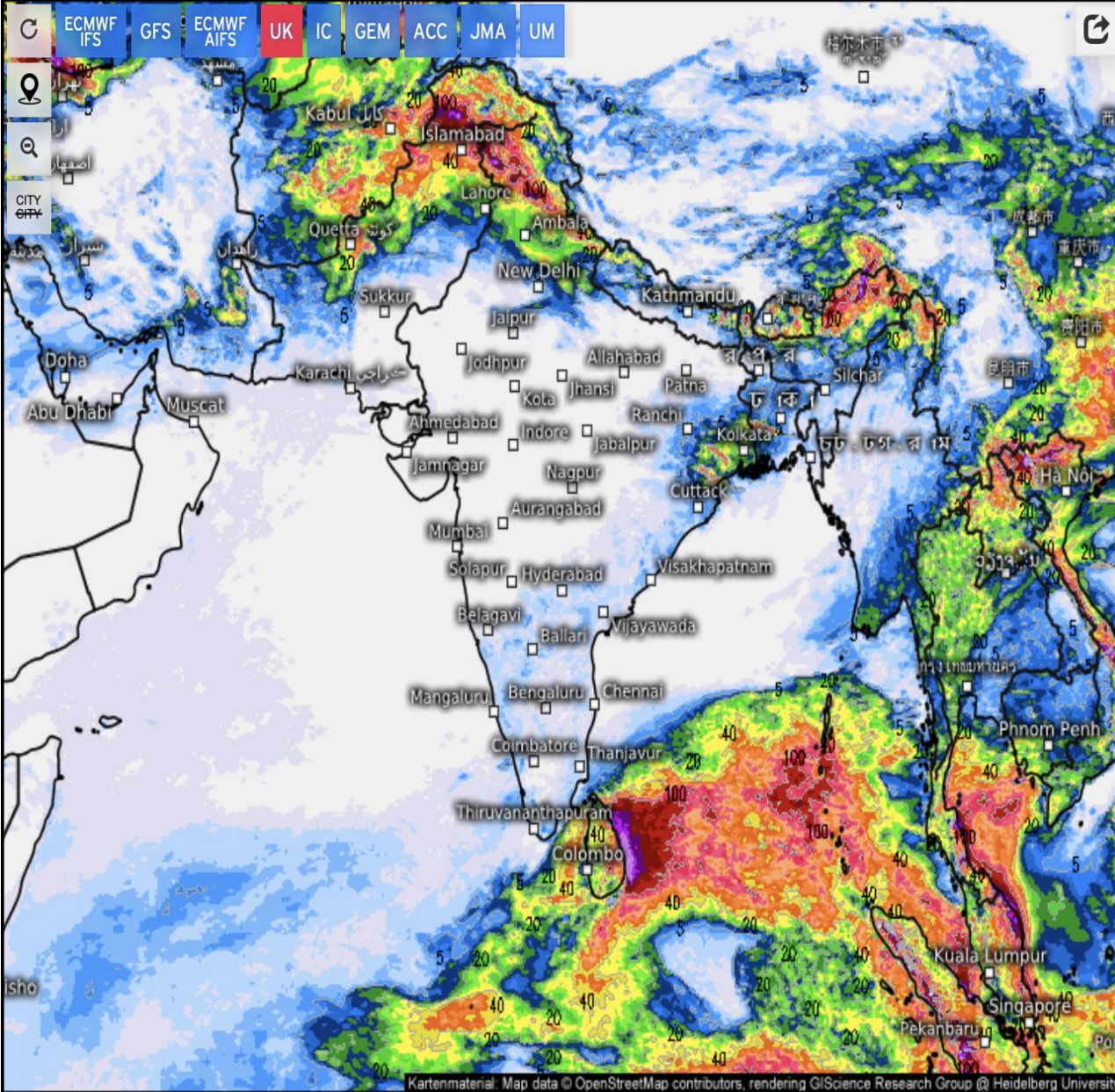


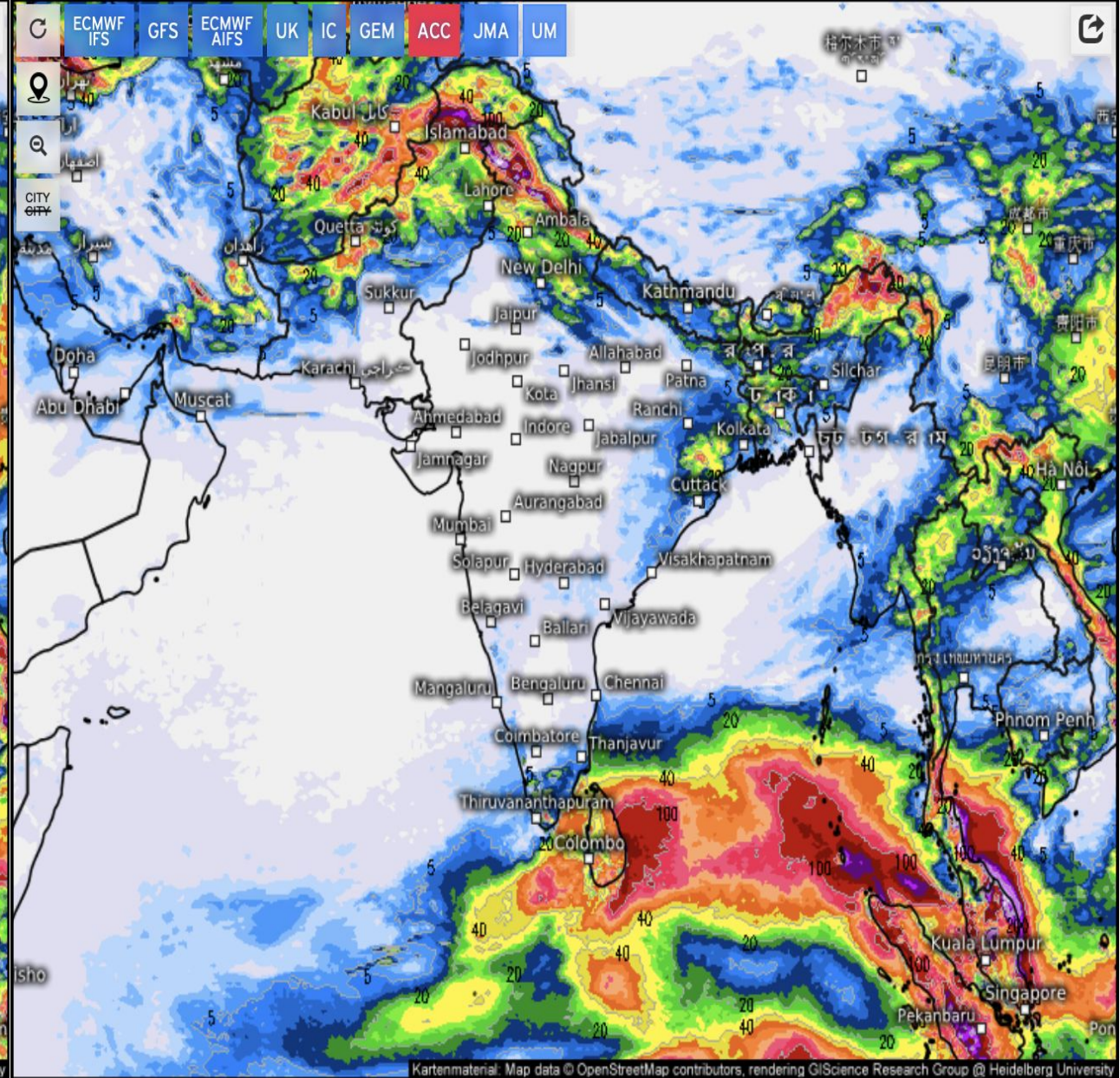
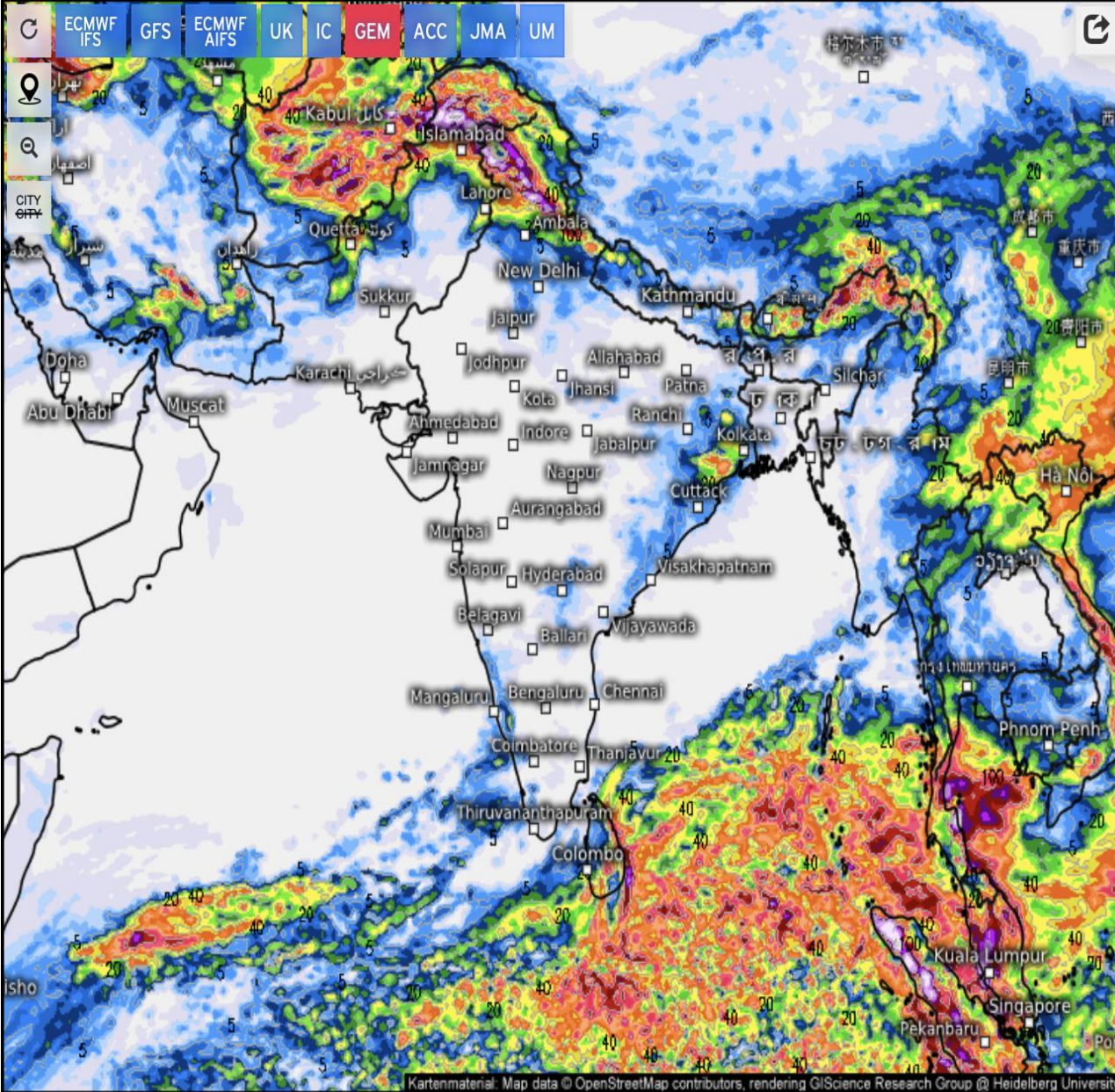
Kartenmaterial: Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University

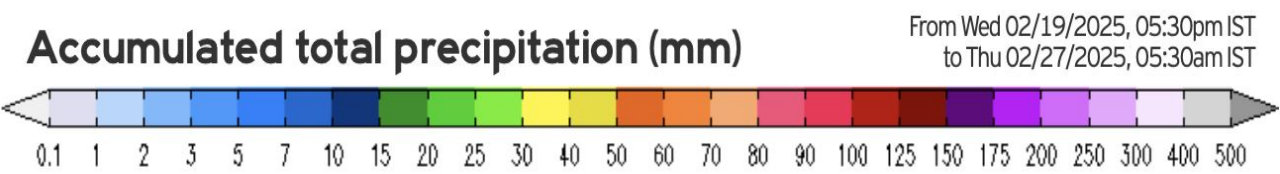
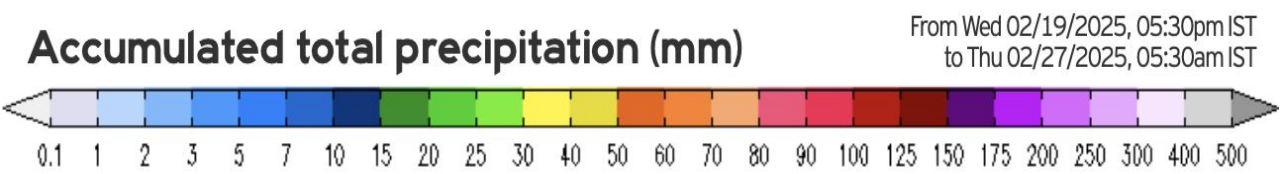
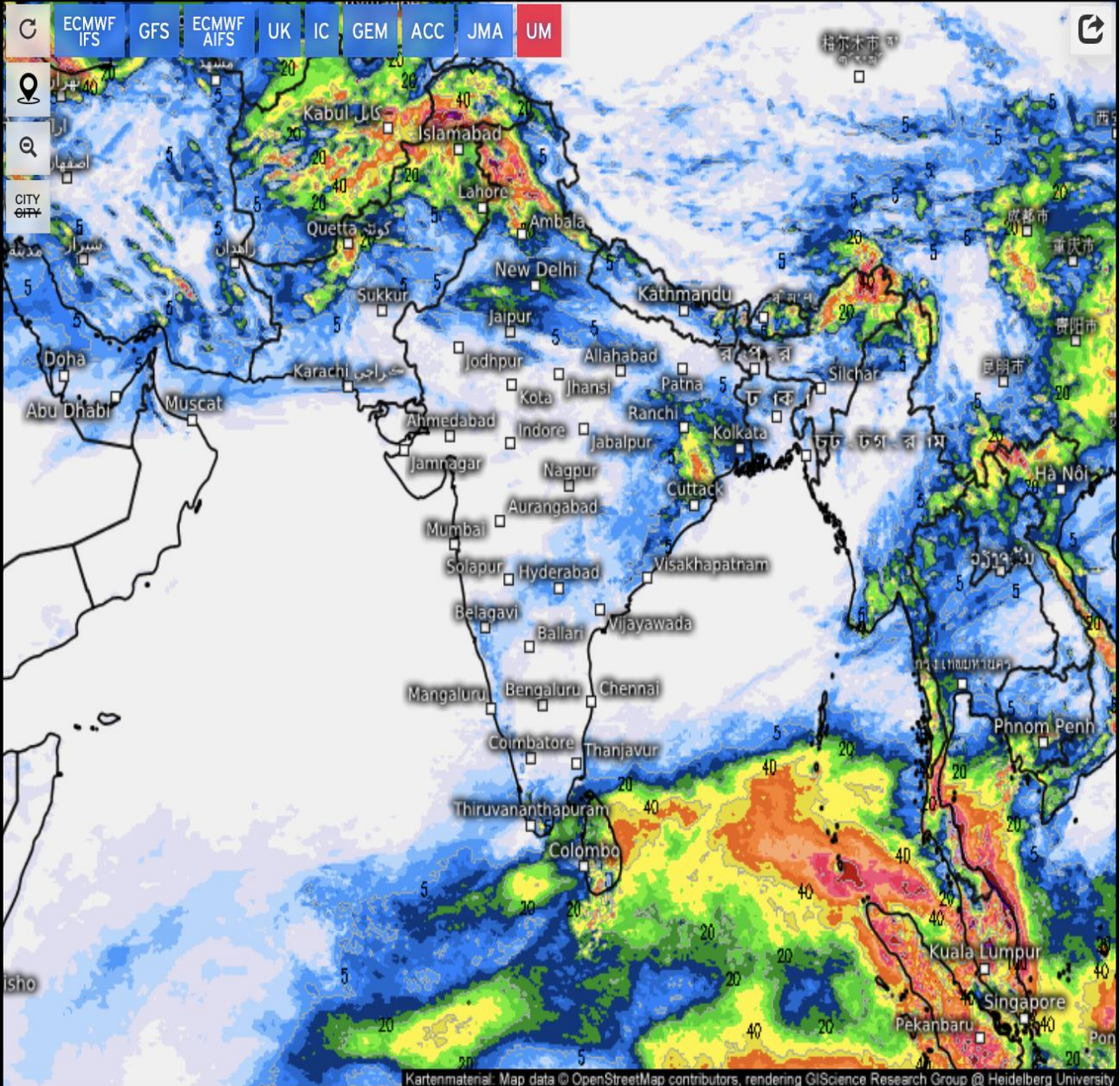
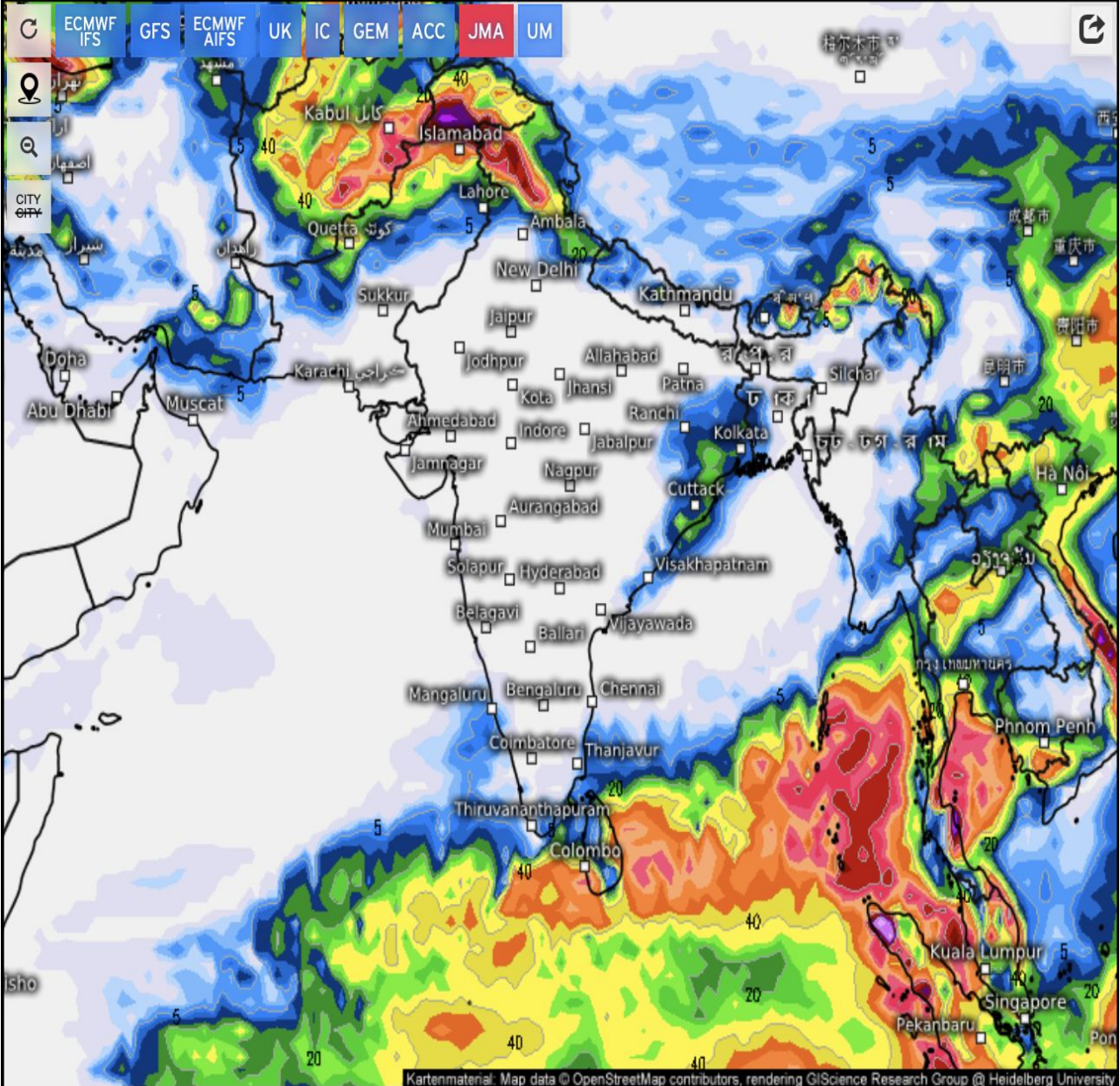


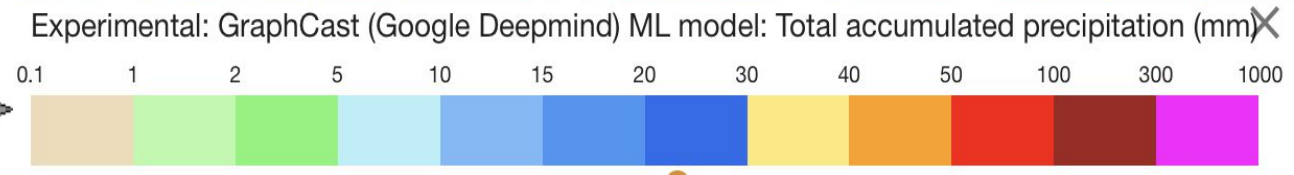
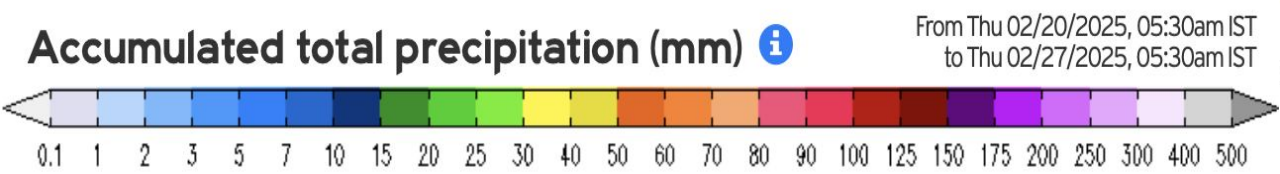
Kartenmaterial: Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University

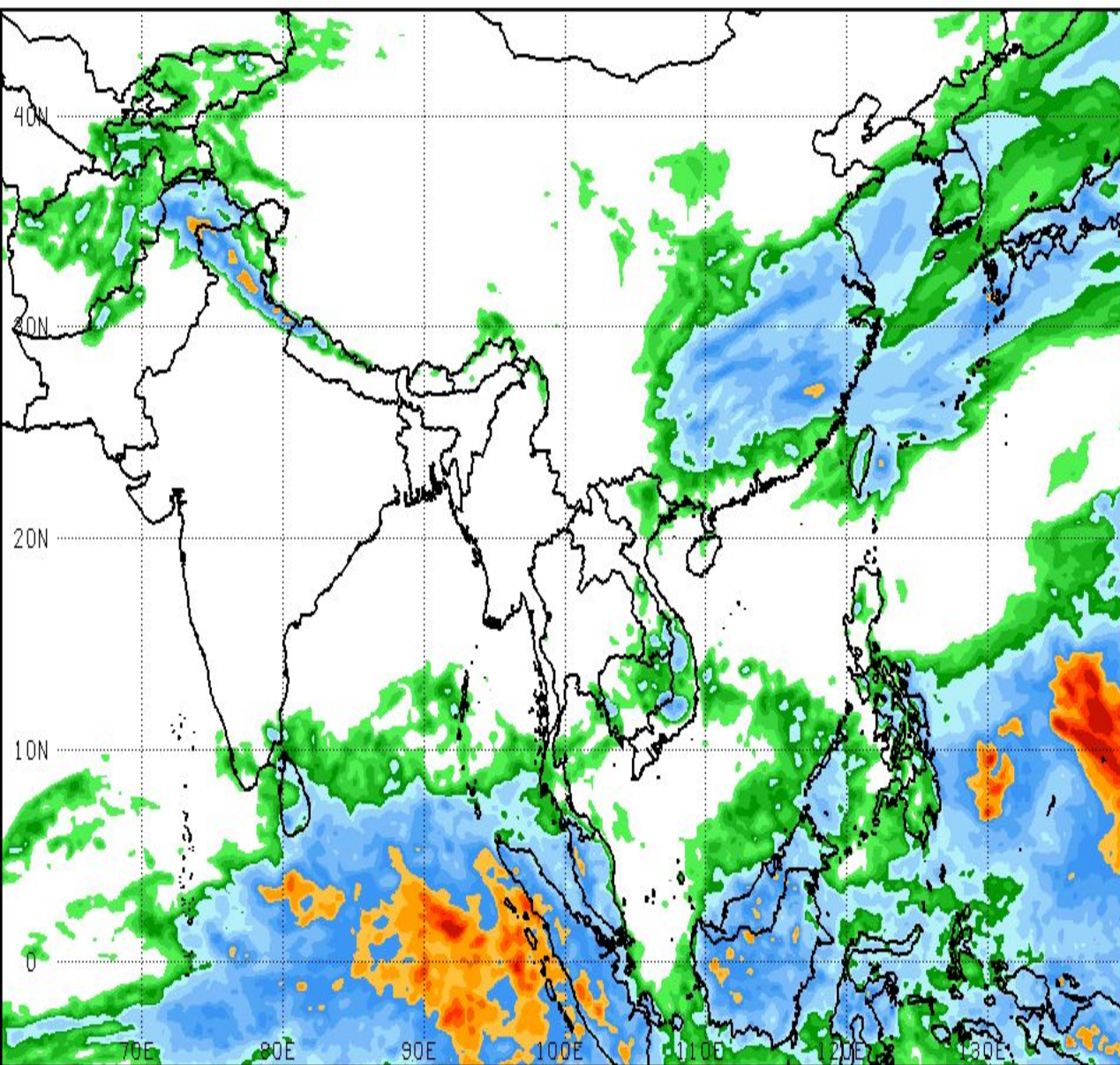




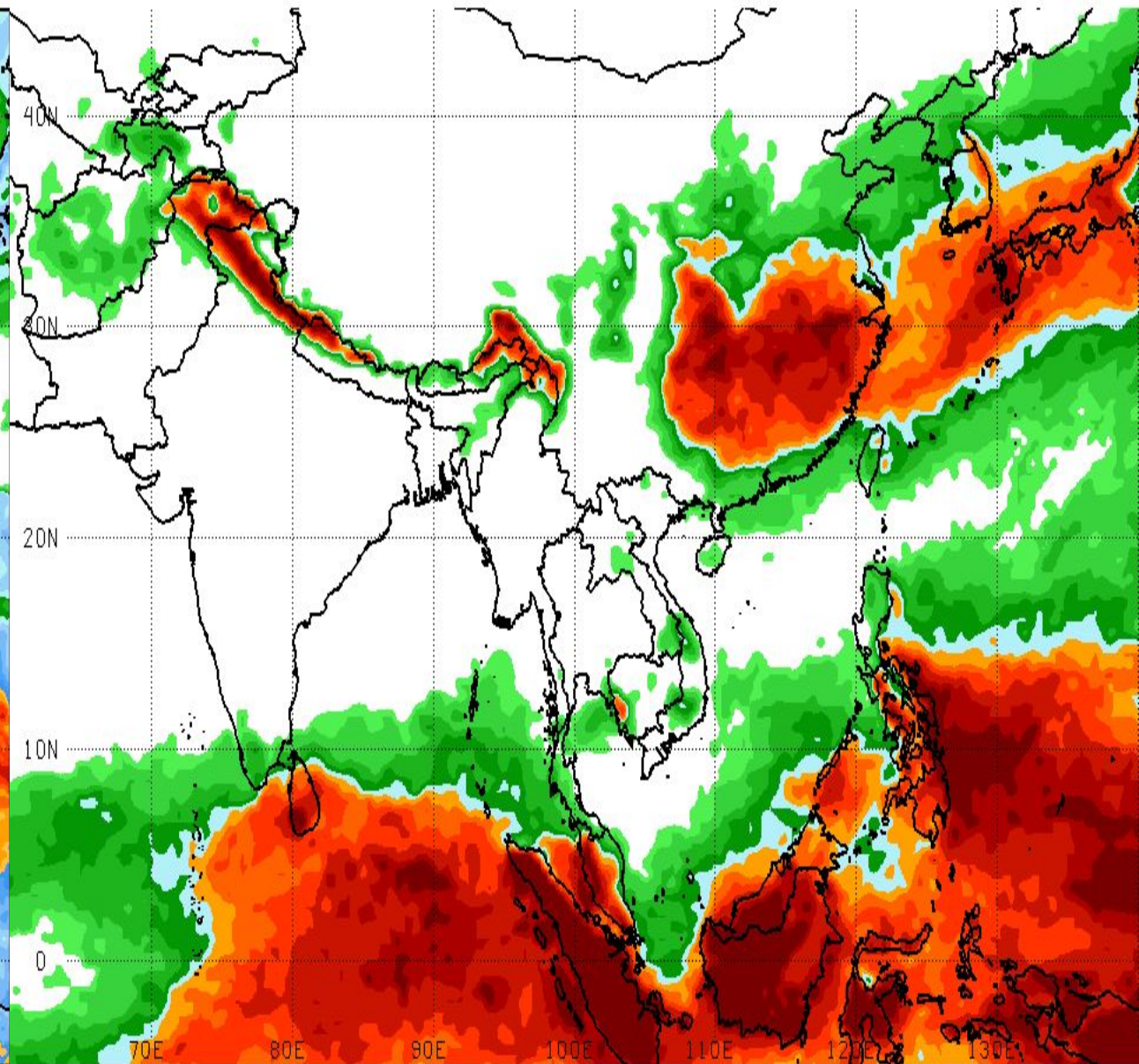




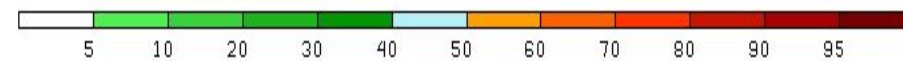


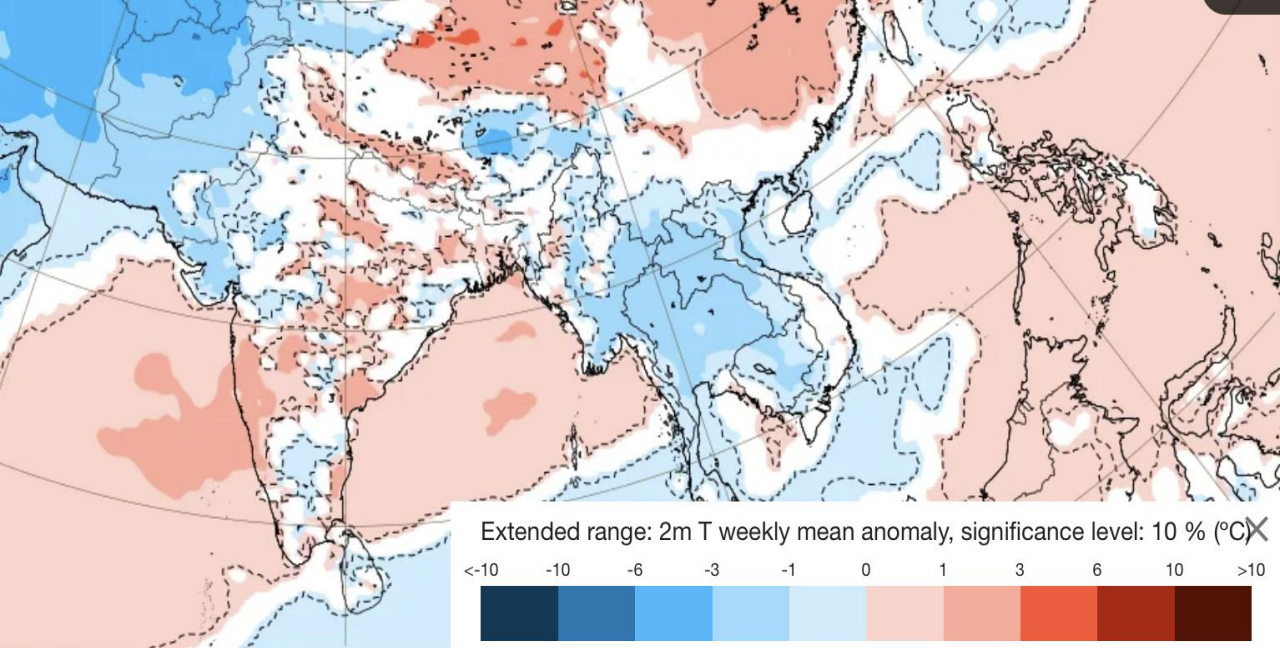


NOAA GFS 20250220 t00z cycle FCST week2 Total Precip (mm) VALID 2025030600Z

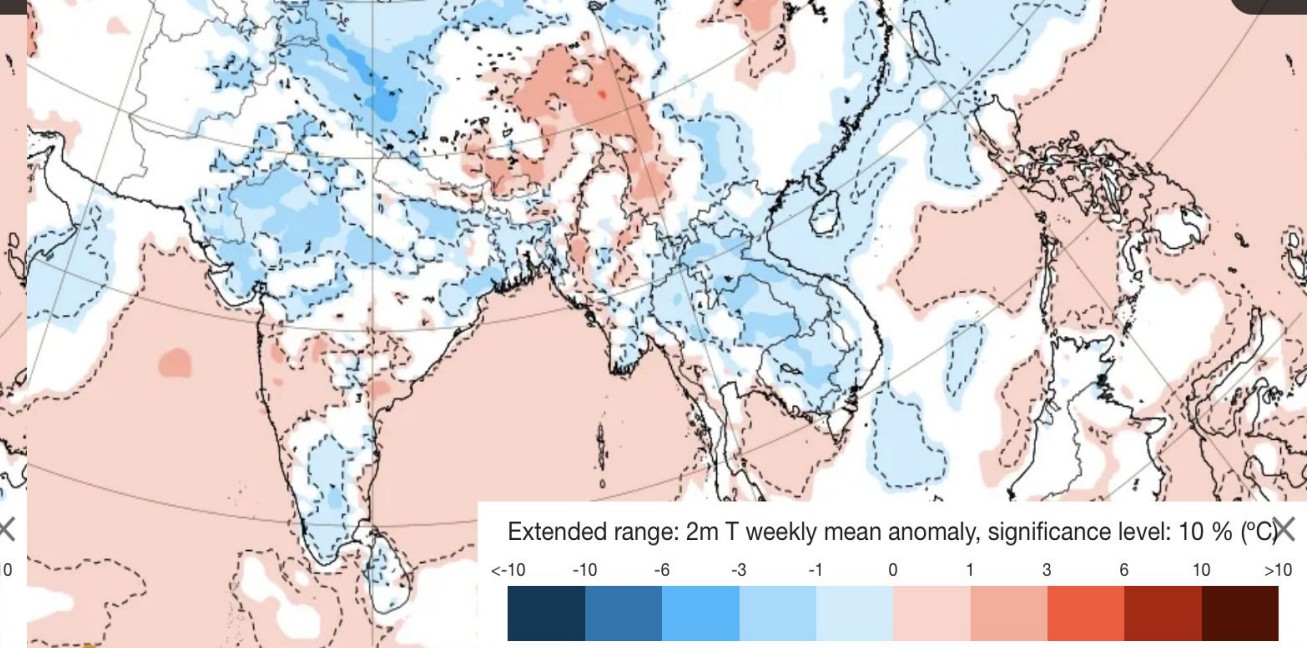


NOAA GFS 20250220 00zCYC FCST Probability of Week2 Precip > 25mm VALID 20250306/0000V336

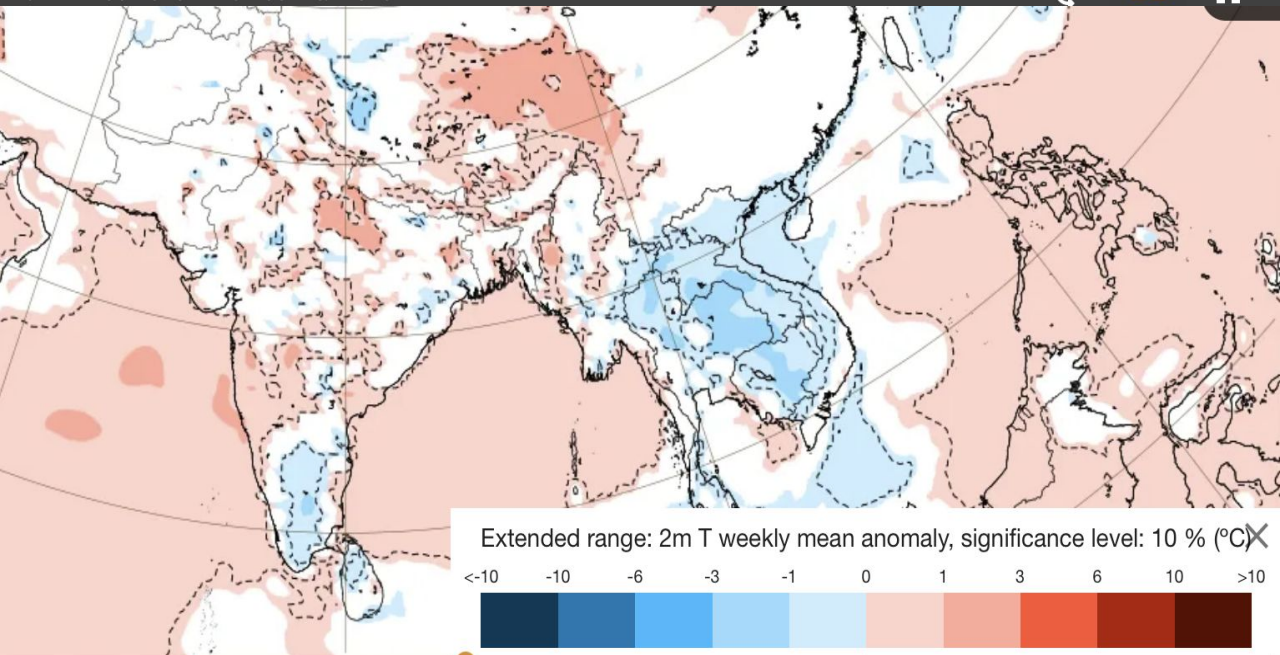




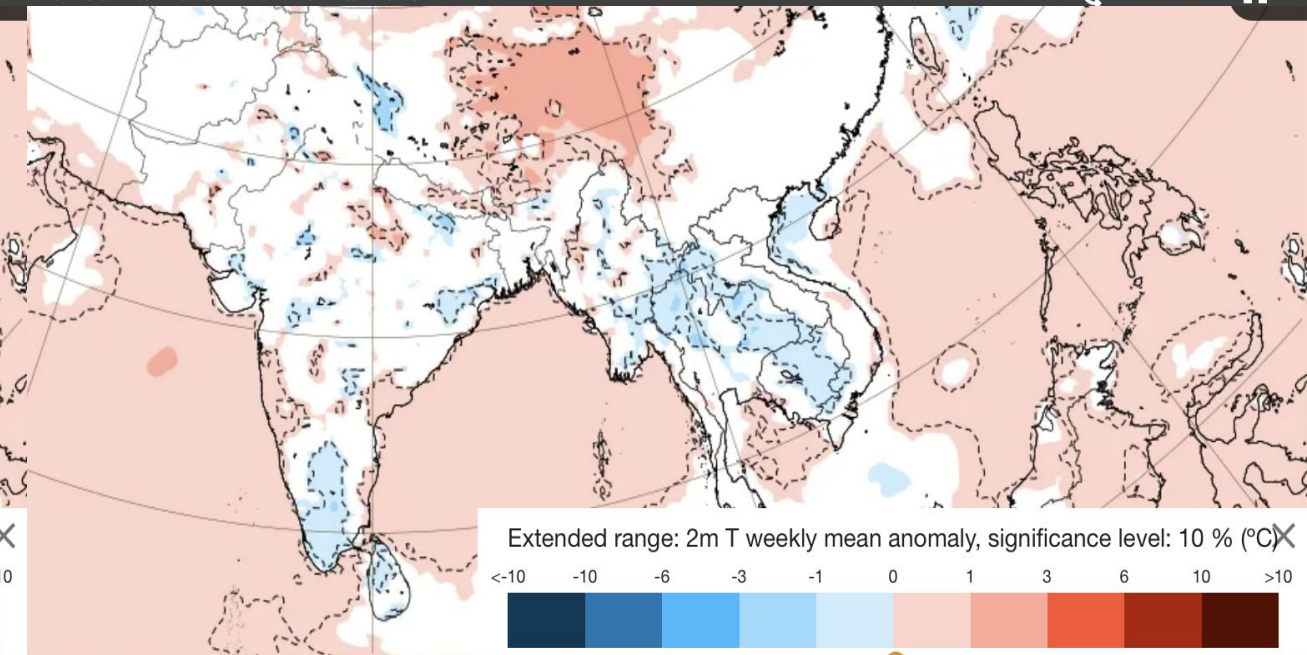
Mon 24 Feb 2025 - Mon 03 Mar 2025



Mon 03 Mar 2025 - Mon 10 Mar 2025



Mon 10 Mar 2025 - Mon 17 Mar 2025



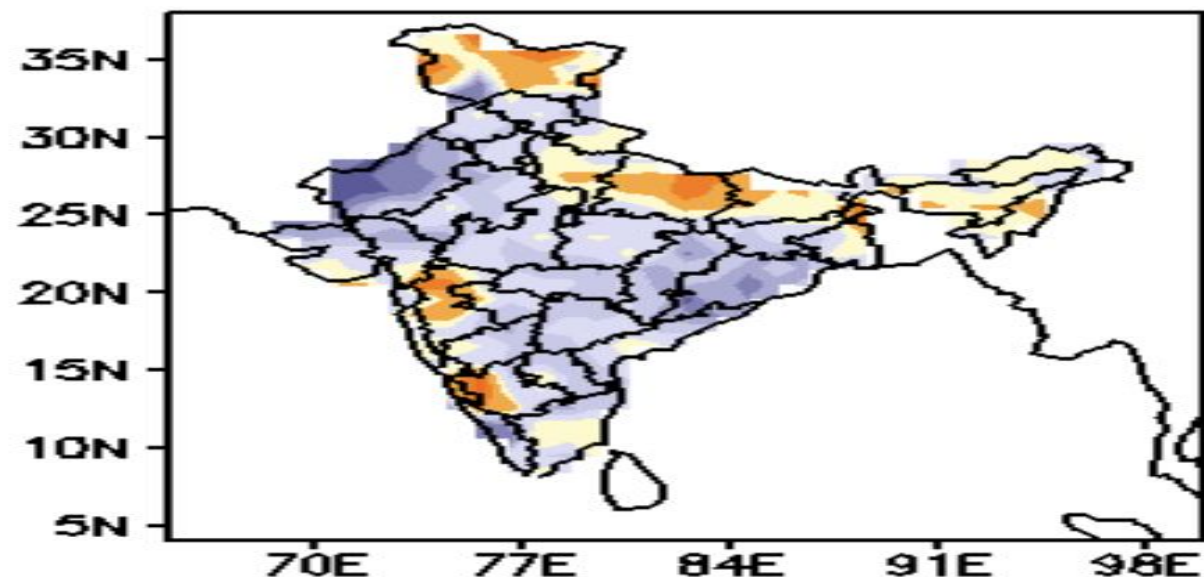
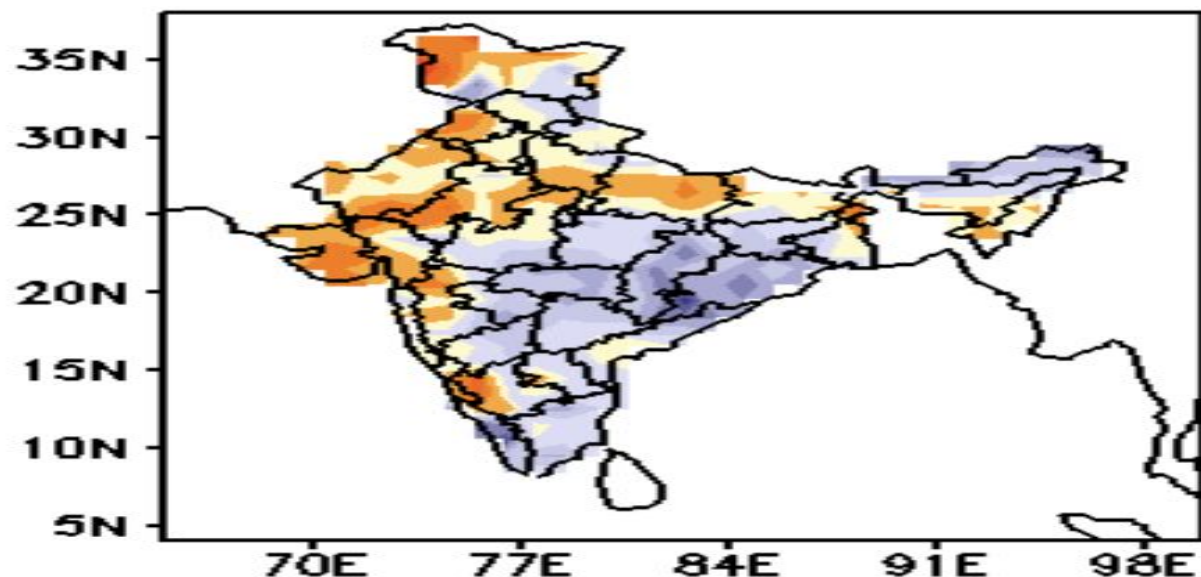
Mon 17 Mar 2025 - Mon 24 Mar 2025



MME forecast Tmin anomaly (Deg C)

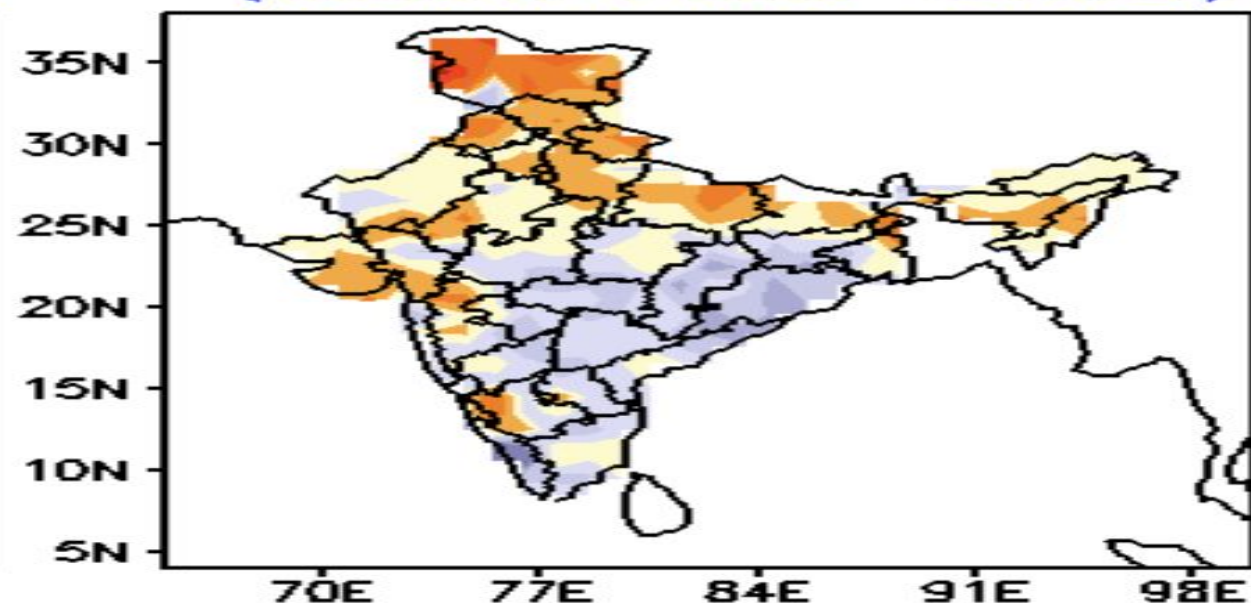
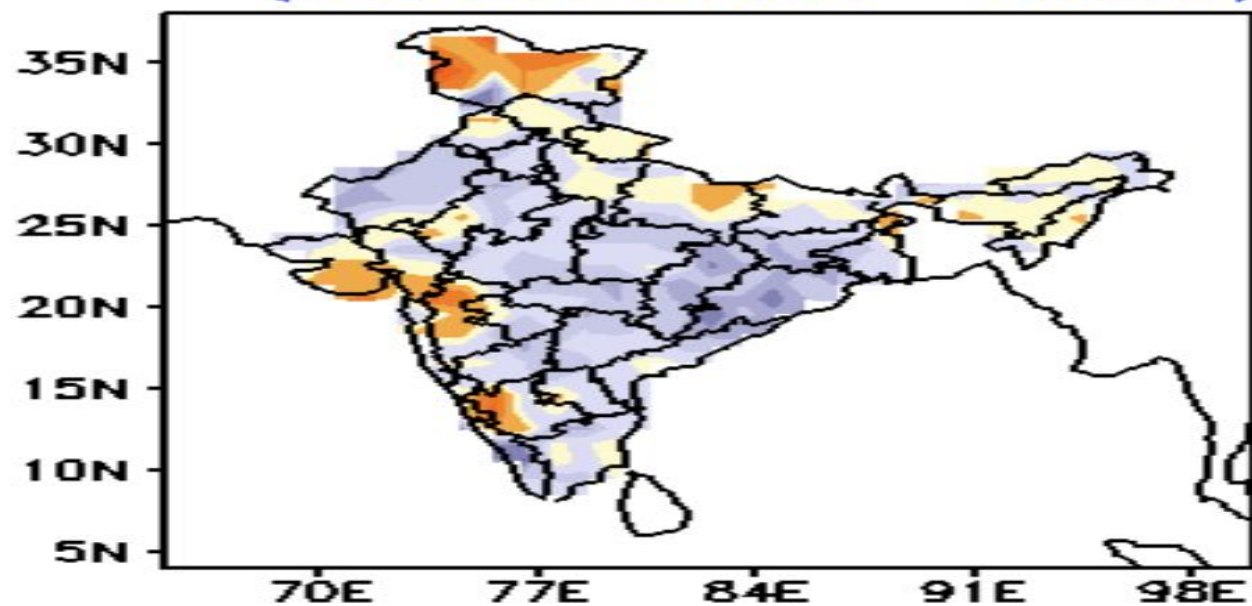
(Week1: 21Feb-27Feb)

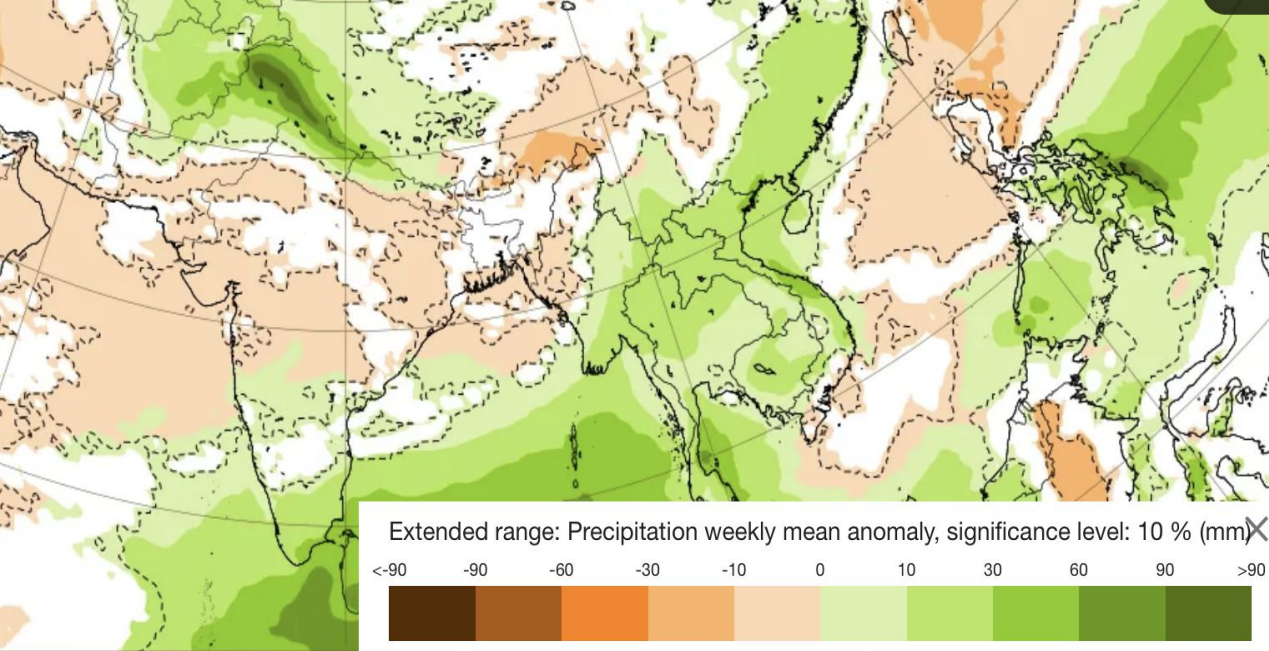
(Week2: 28Feb-06Mar)



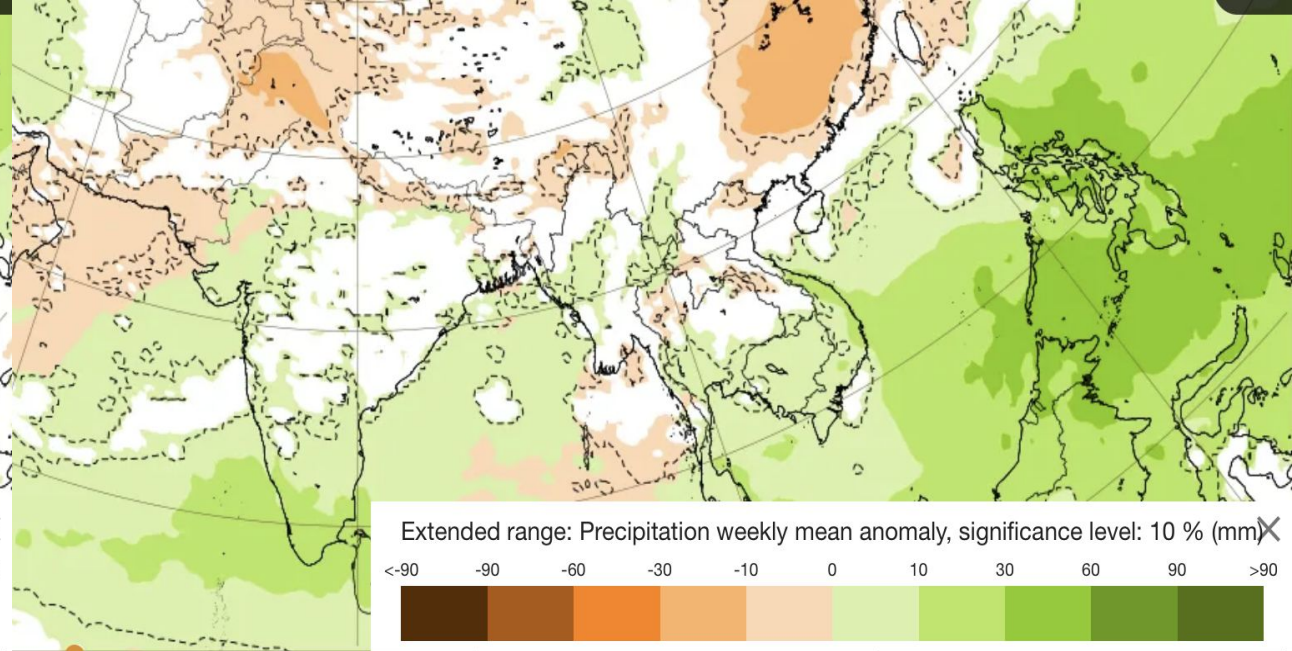
(Week3: 07Mar-13Mar)

(Week4: 14Mar-20Mar)

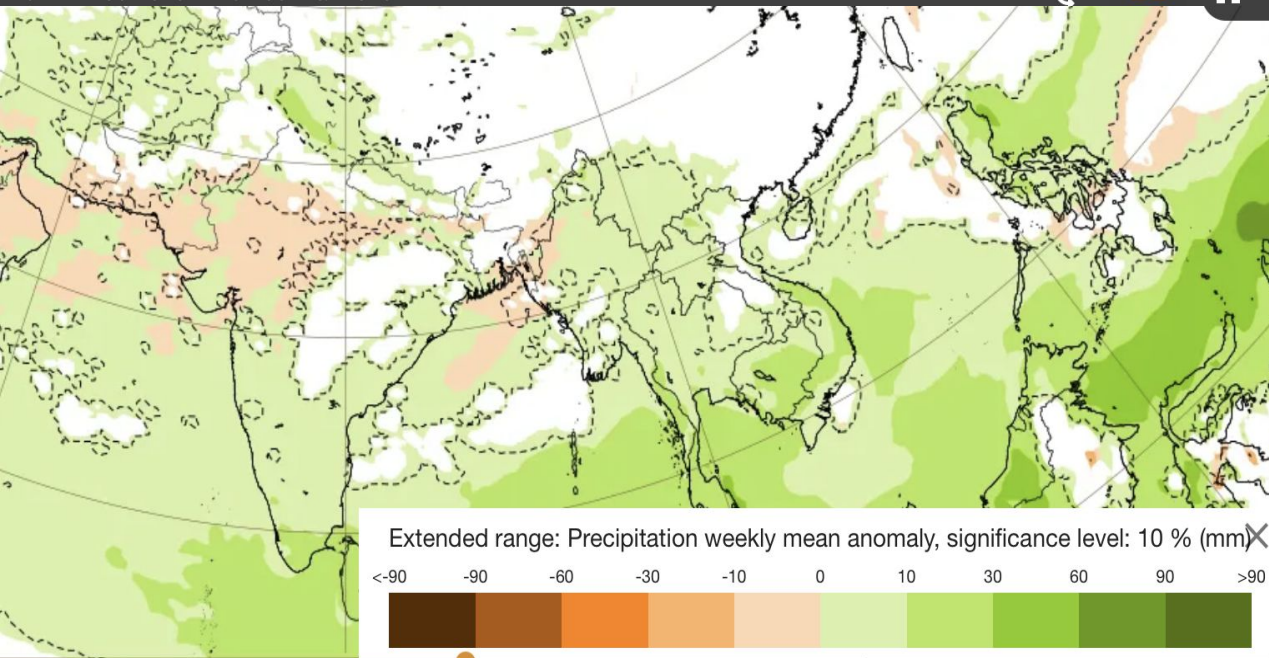




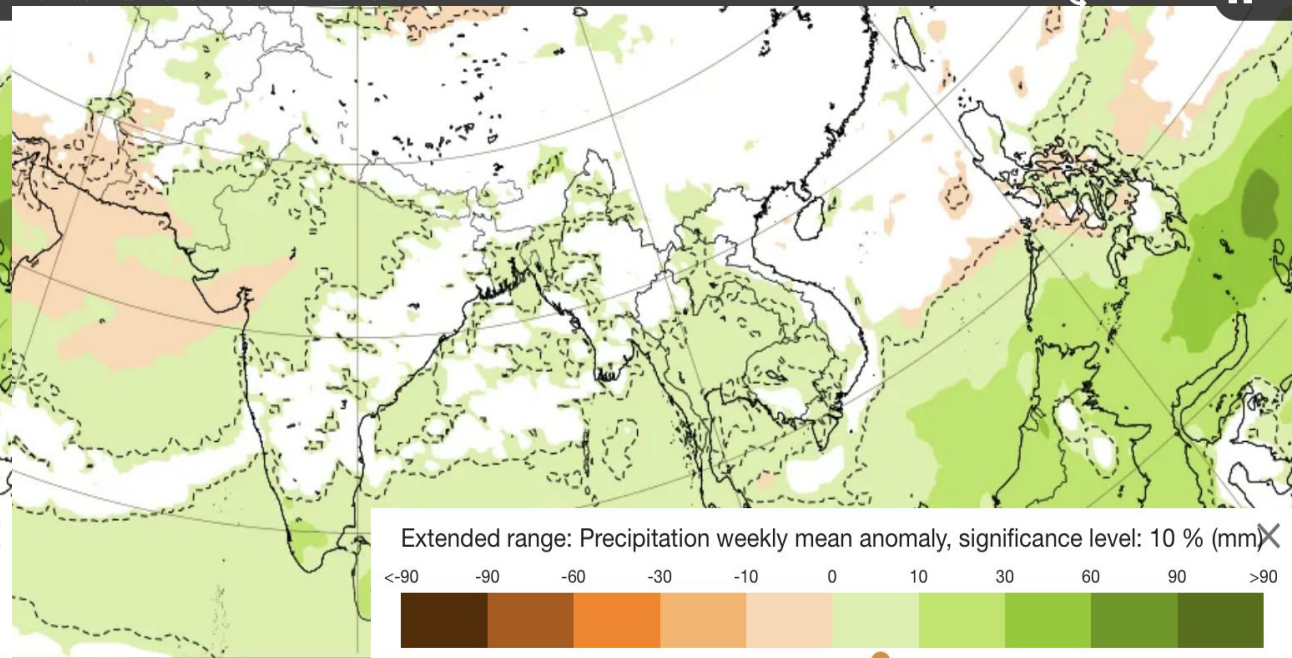
Mon 24 Feb 2025 - Mon 03 Mar 2025



Mon 03 Mar 2025 - Mon 10 Mar 2025



Mon 10 Mar 2025 - Mon 17 Mar 2025

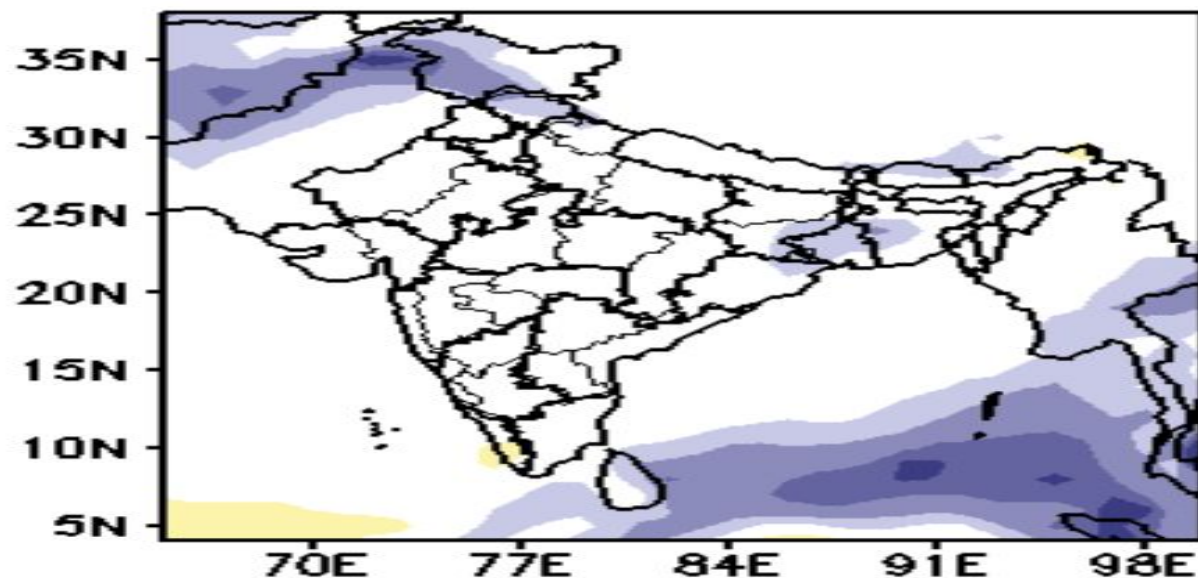


Mon 17 Mar 2025 - Mon 24 Mar 2025

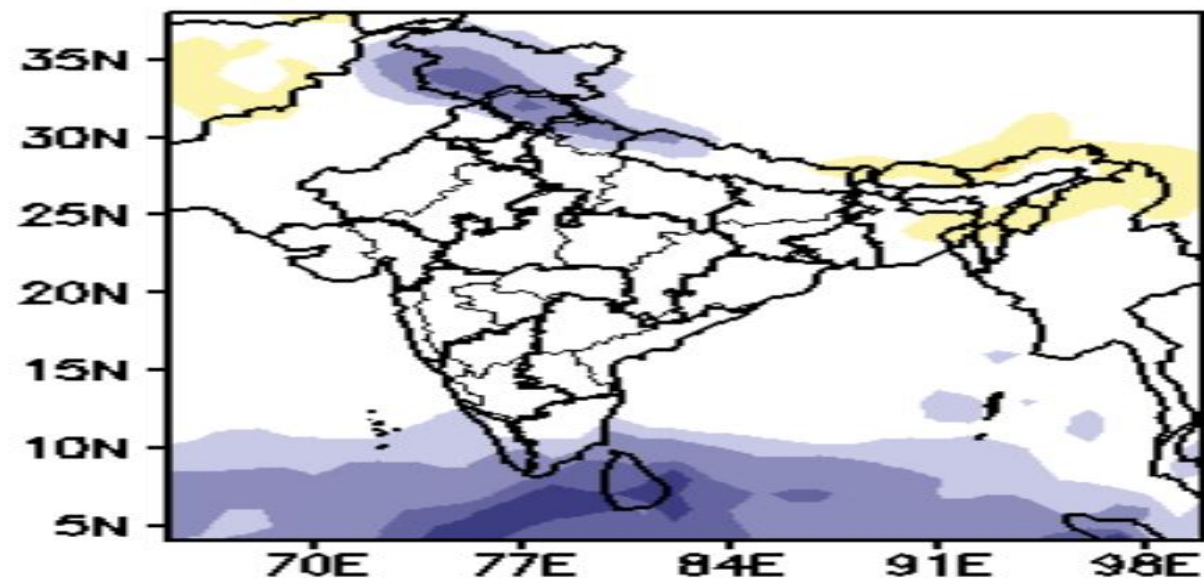


Forecast Rainfall Anomaly (mm/day) (00Z=0530 hrs IST)

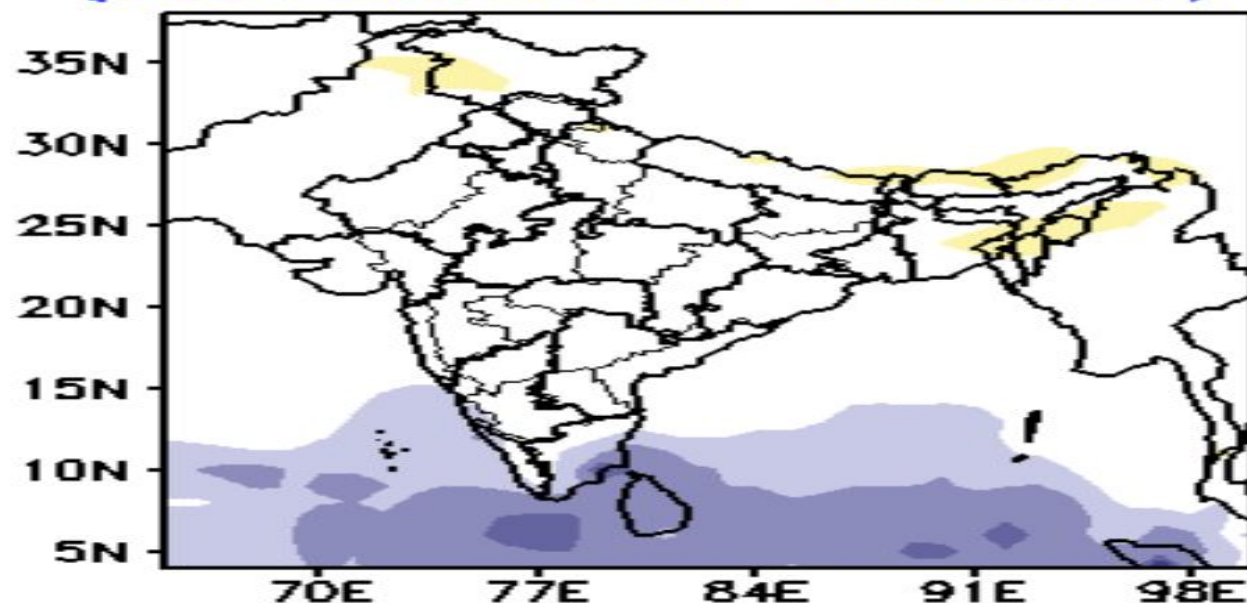
(Week1:00Z20Feb-00Z27Feb)



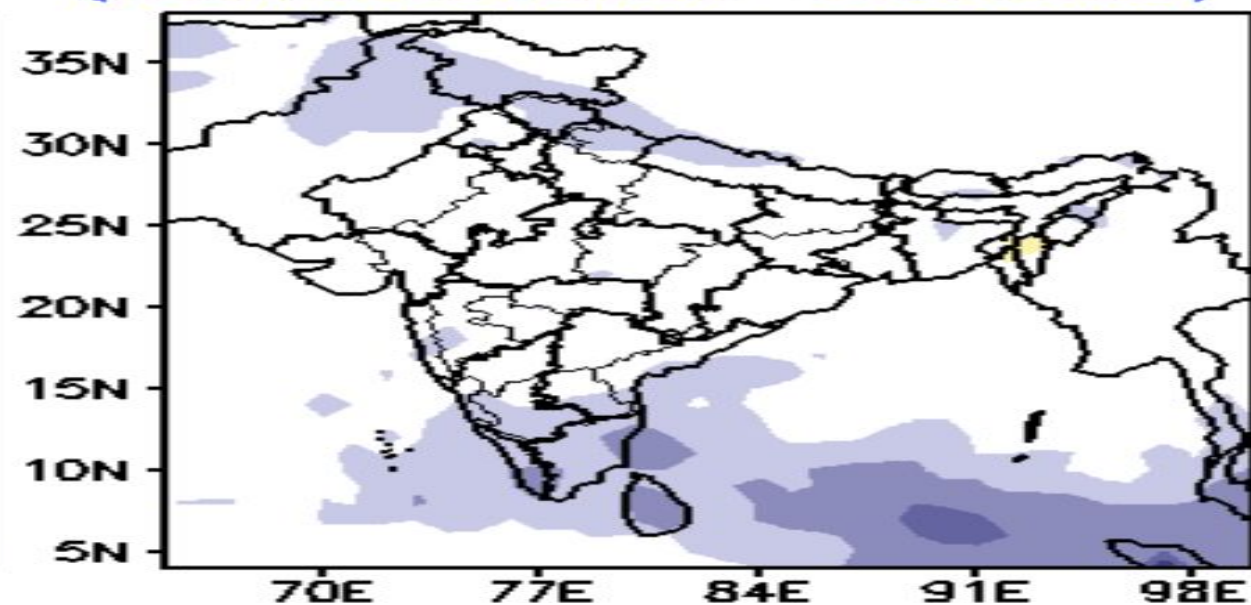
(Week2:00Z27Feb-00Z06Mar)



(Week3:00Z06Mar-00Z13Mar)



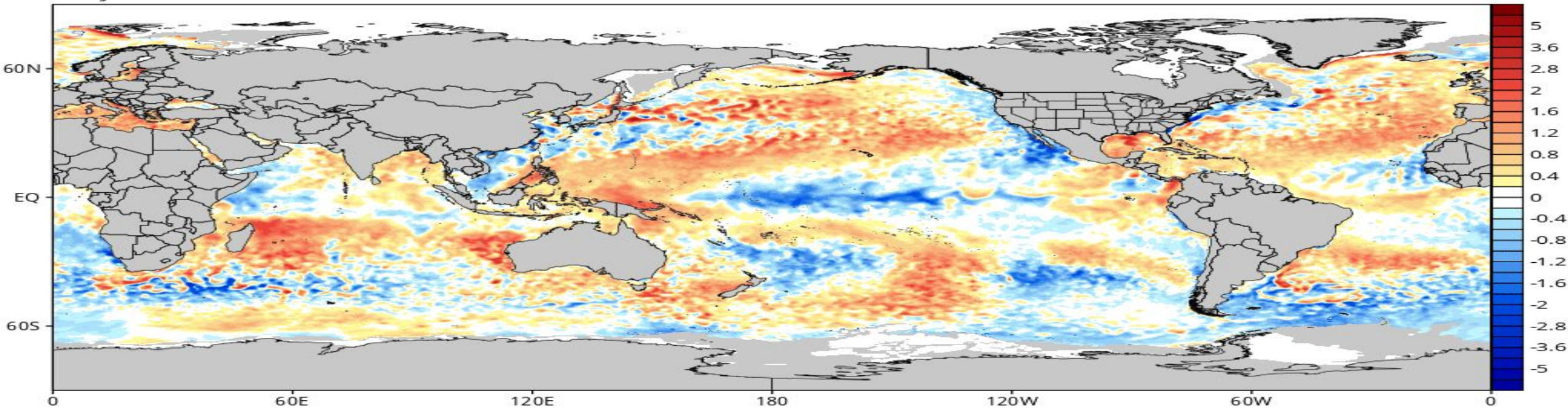
(Week4:00Z13Mar-00Z20Mar)



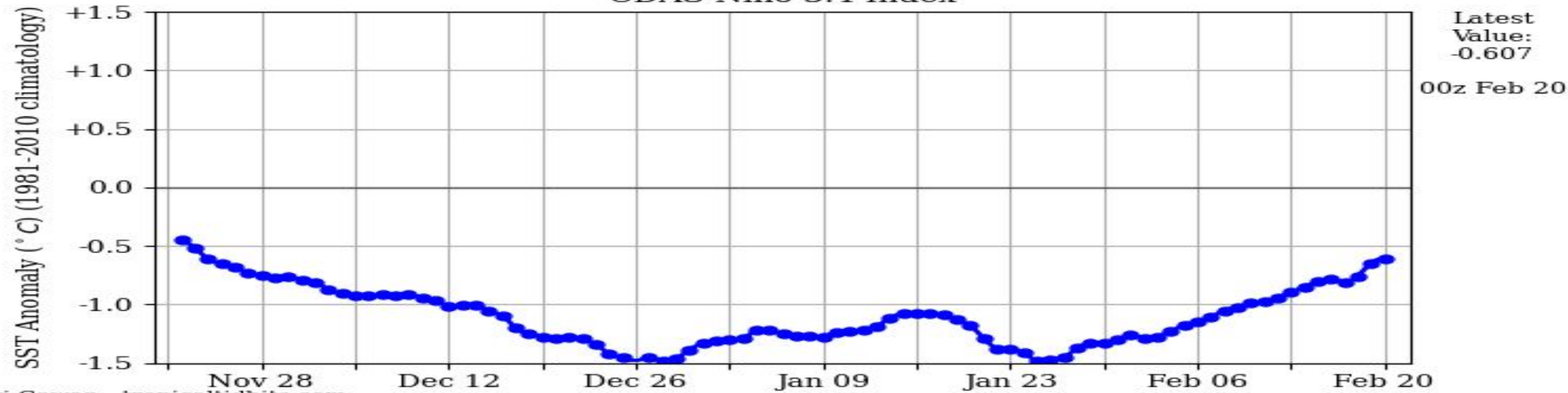
CDAS Sea Surface Temperature Anomaly (°C) (based on CFSR 1981-2010 Climatology)

Analysis Time: 00z Feb 20 2025

TROPICALTIDBITS.COM



CDAS Niño 3.4 Index



Official NOAA CPC ENSO Probabilities (issued February 2025)

based on $-0.5^{\circ}/+0.5^{\circ}\text{C}$ thresholds in ERSSTv5 Niño-3.4 index

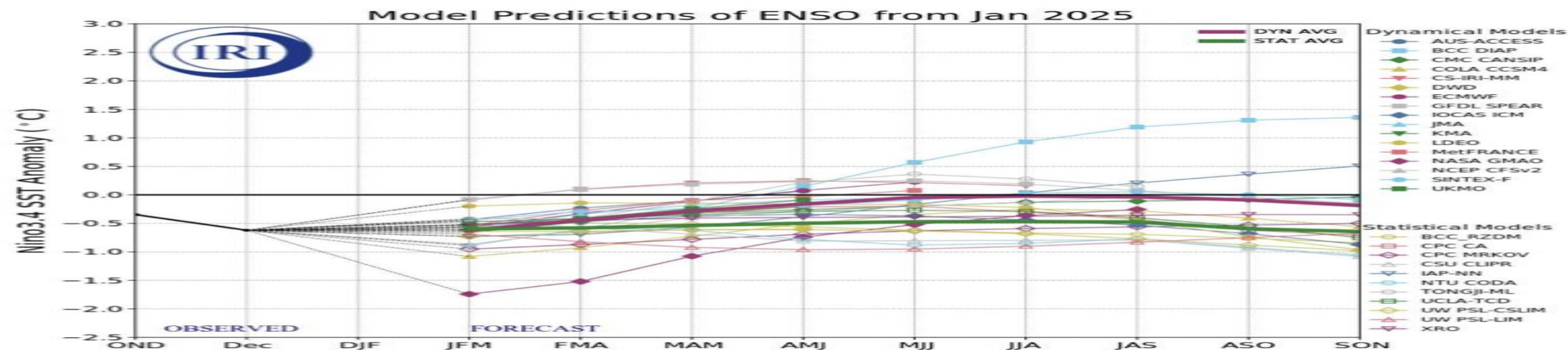
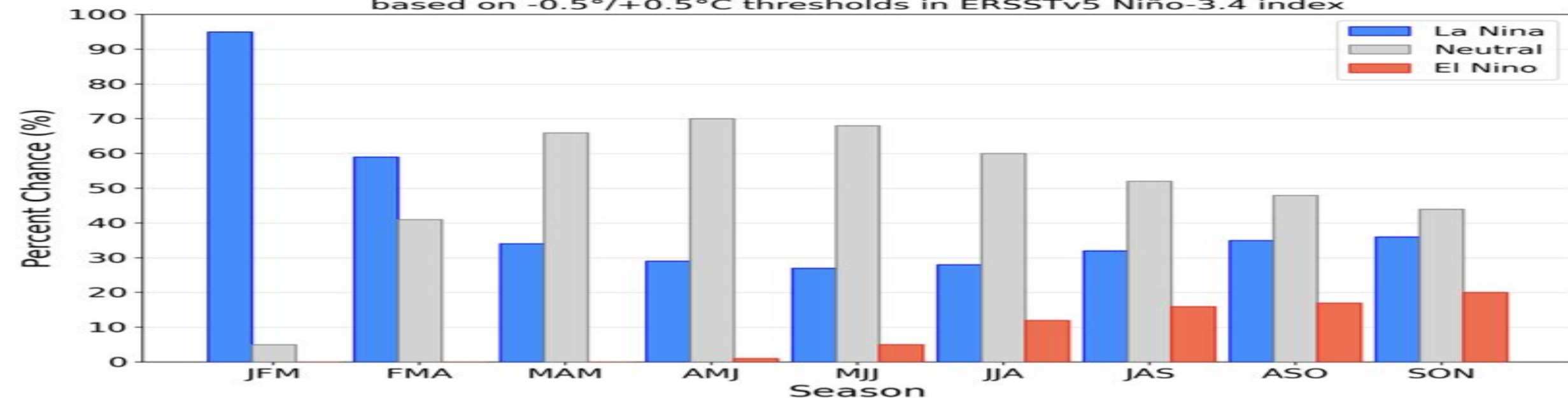
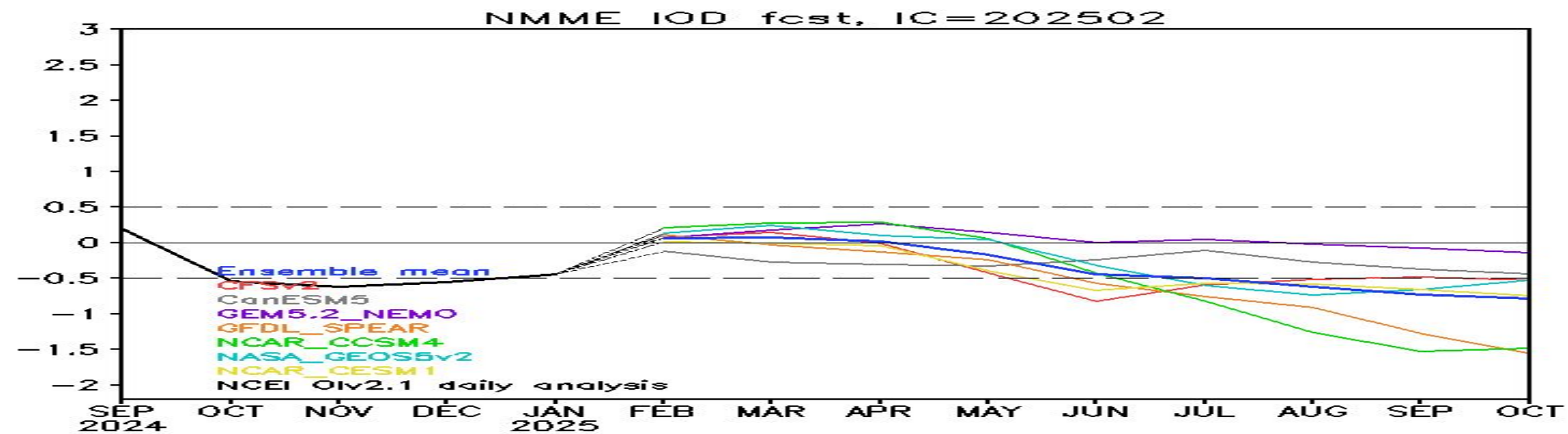
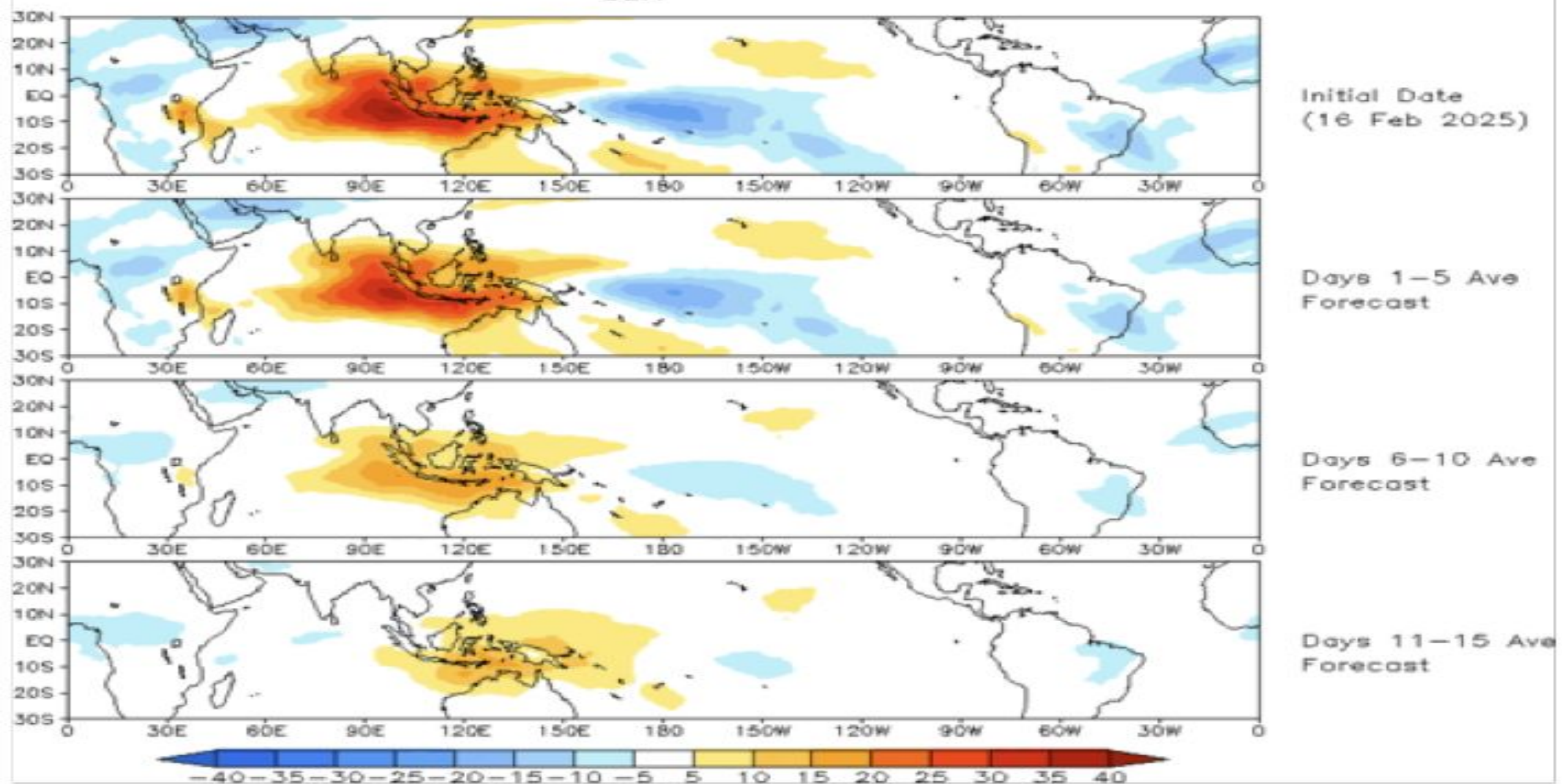


Figure provided by the International Research Institute (IRI) for Climate and Society (updated 21 January 2025).



Prediction of MJO-related anomalies using GEFS operational forecast
Initial date: 16 Feb 2025
OLR



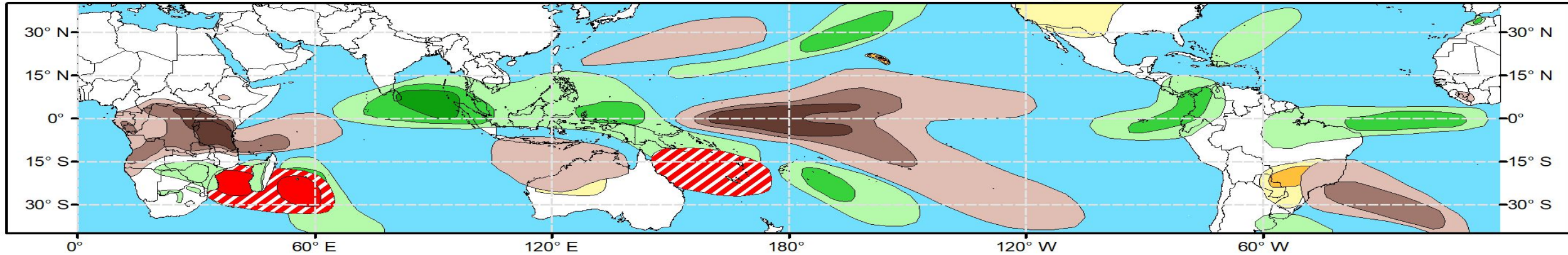


Global Tropics Hazards Outlook

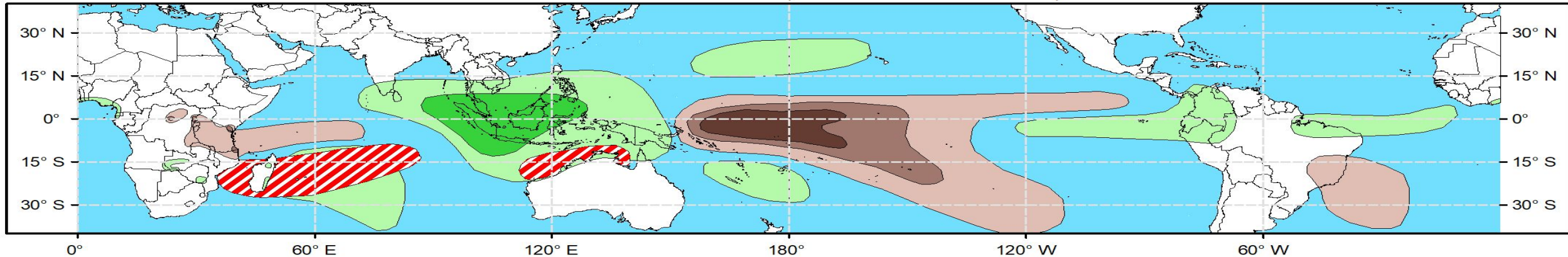
Climate Prediction Center



Week 2 - Valid: Feb 26, 2025 - Mar 04, 2025



Week 3 - Valid: Mar 05, 2025 - Mar 11, 2025



**Tropical Cyclone (TC)
Formation Probability**



>20% >40% >60%

*Tropical Depression (TD)
or greater strength*

**Above-Average
Rainfall Probability**



>50% >65% >80%

*Weekly total rainfall in the
Upper third of the historical range*

**Below-Average
Rainfall Probability**



>50% >65% >80%

*Weekly total rainfall in the
Lower third of the historical range*

**Above-Average
Temperatures Probability**



>50% >65% >80%

*7-day max temperatures in the
Upper third of the historical range*

**Below-Average
Temperatures Probability**



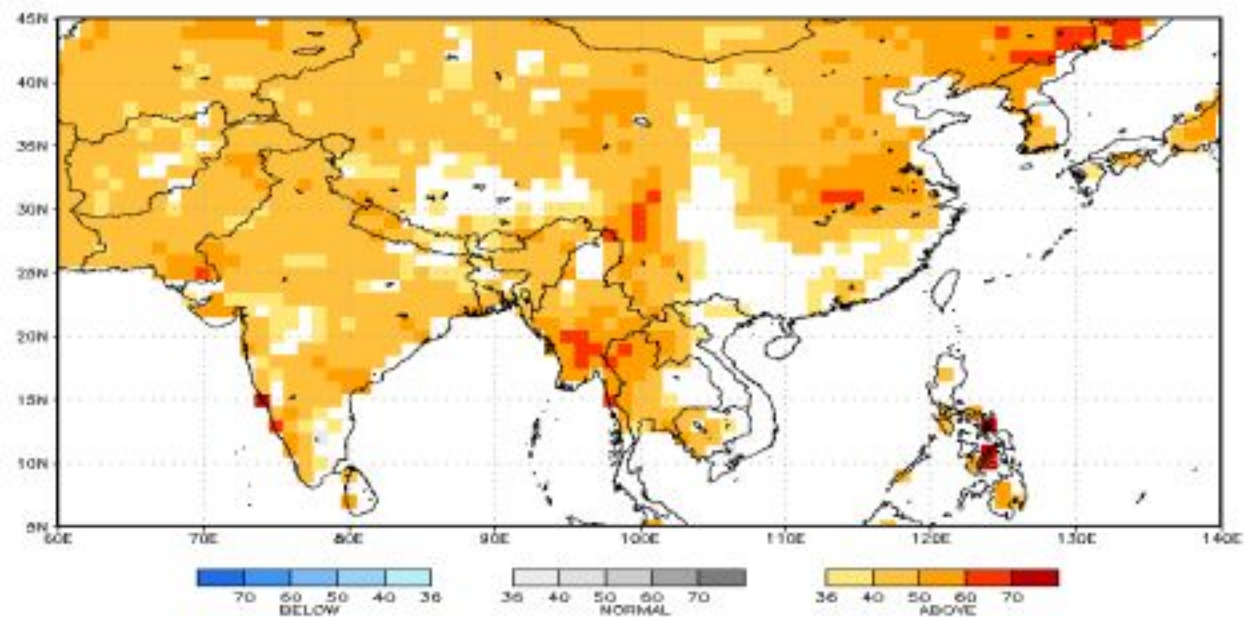
>50% >65% >80%

*7-day min temperatures in the
Lower third of the historical range*

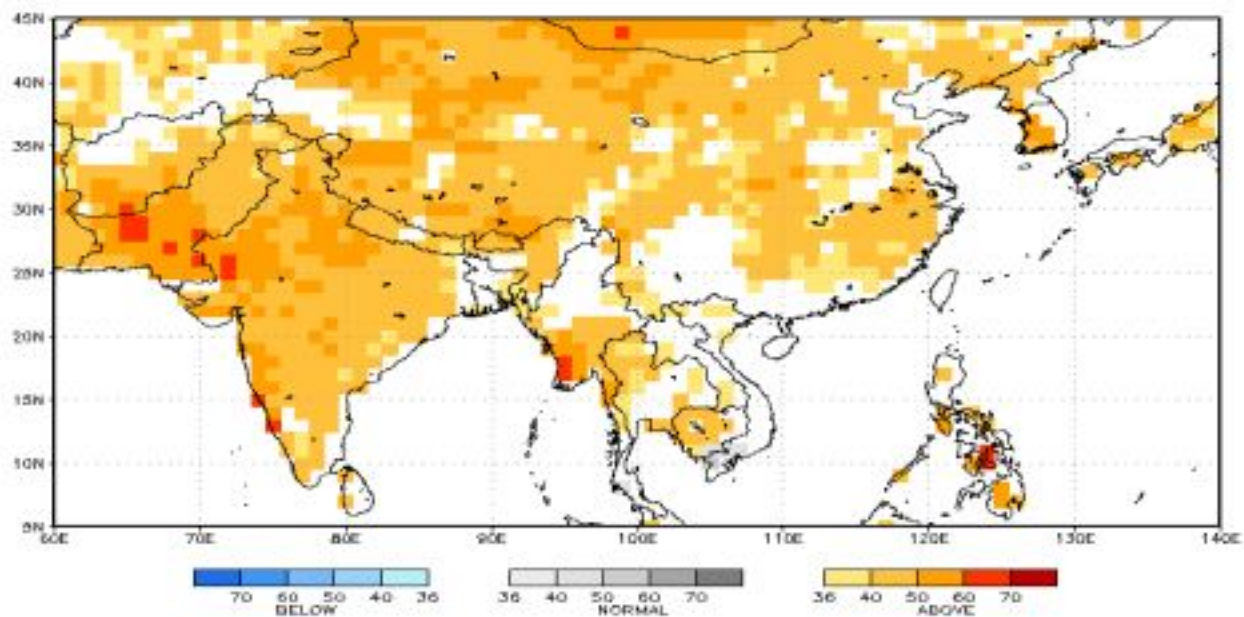
**Issued: 02/18/2025
Forecaster: Novella**

**This product is updated once per week and targets broad scale conditions integrated over a 7-day period for US interests only.
Consult your local responsible forecast agency.**

NMME 2m Air Temp Prob. Feb1C Mar2025 Feat

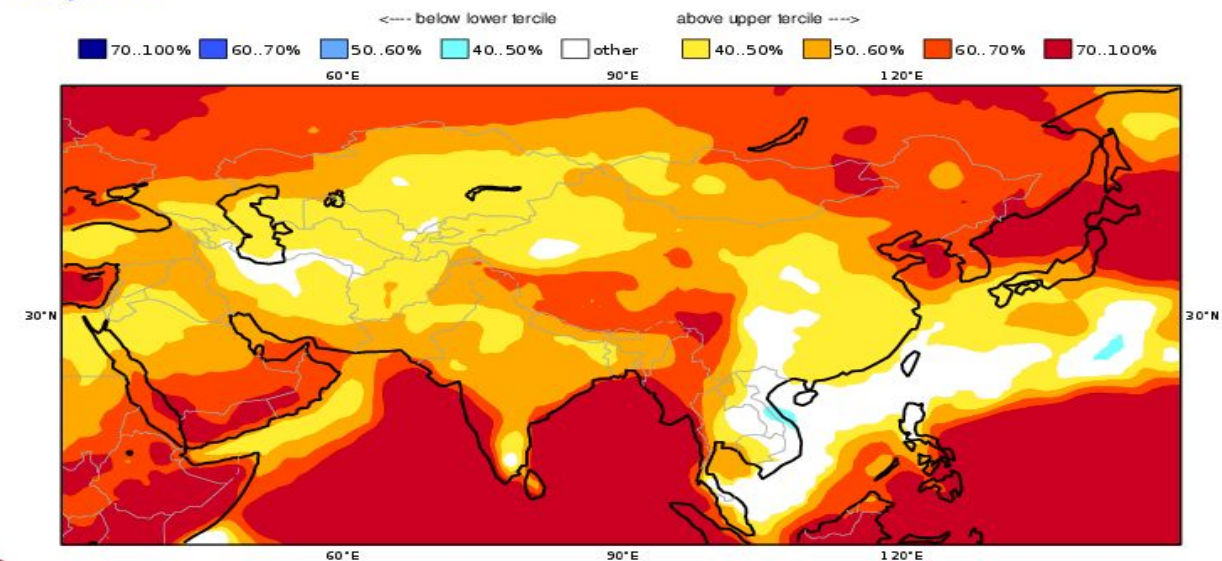


NMME 2m Air Temp Prob. Feb1C Apr2025 Feat



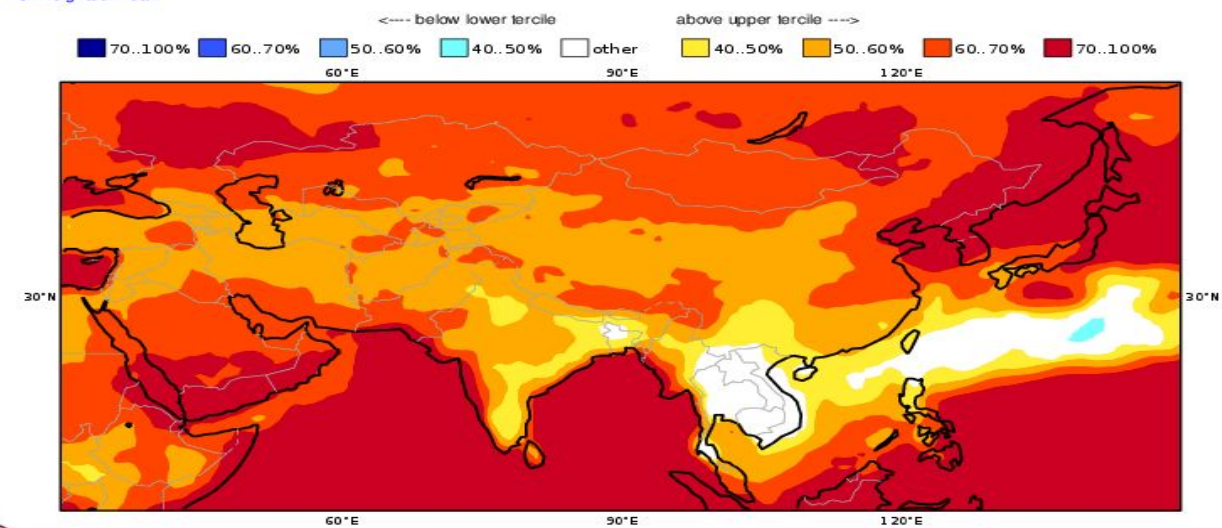
C3S multi-system seasonal forecast ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC
Prob(most likely category of 2m temperature)
Nominal forecast start: 01/02/25
Unweighted mean

MAR 2025

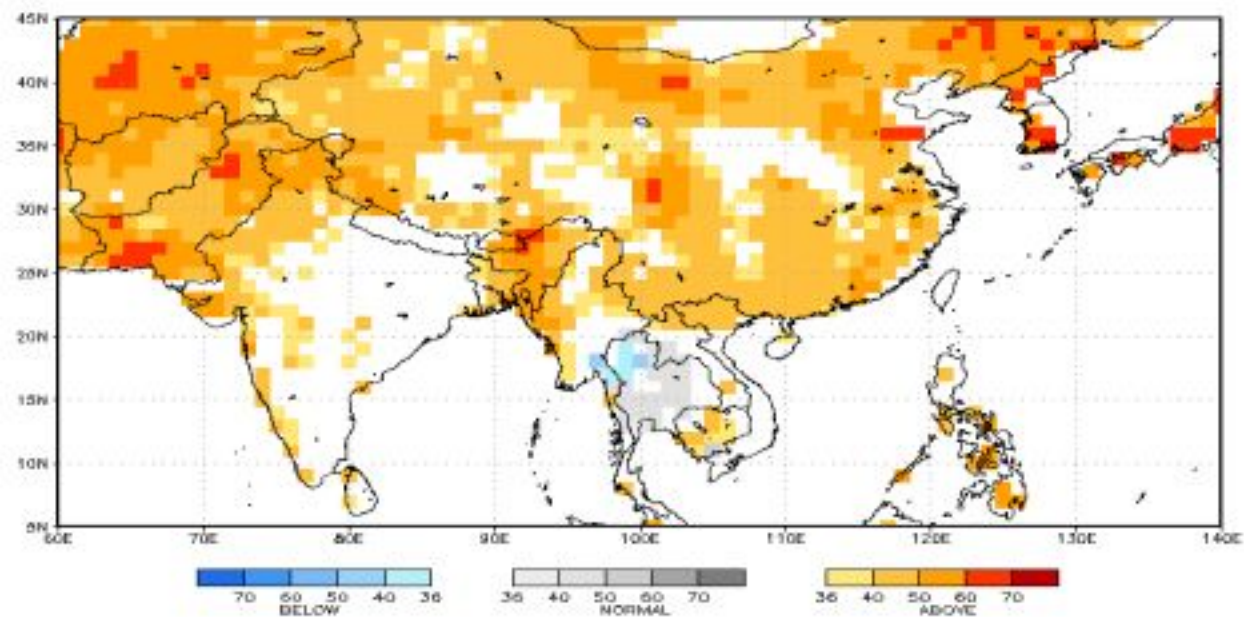


C3S multi-system seasonal forecast ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC
Prob(most likely category of 2m temperature)
Nominal forecast start: 01/02/25
Unweighted mean

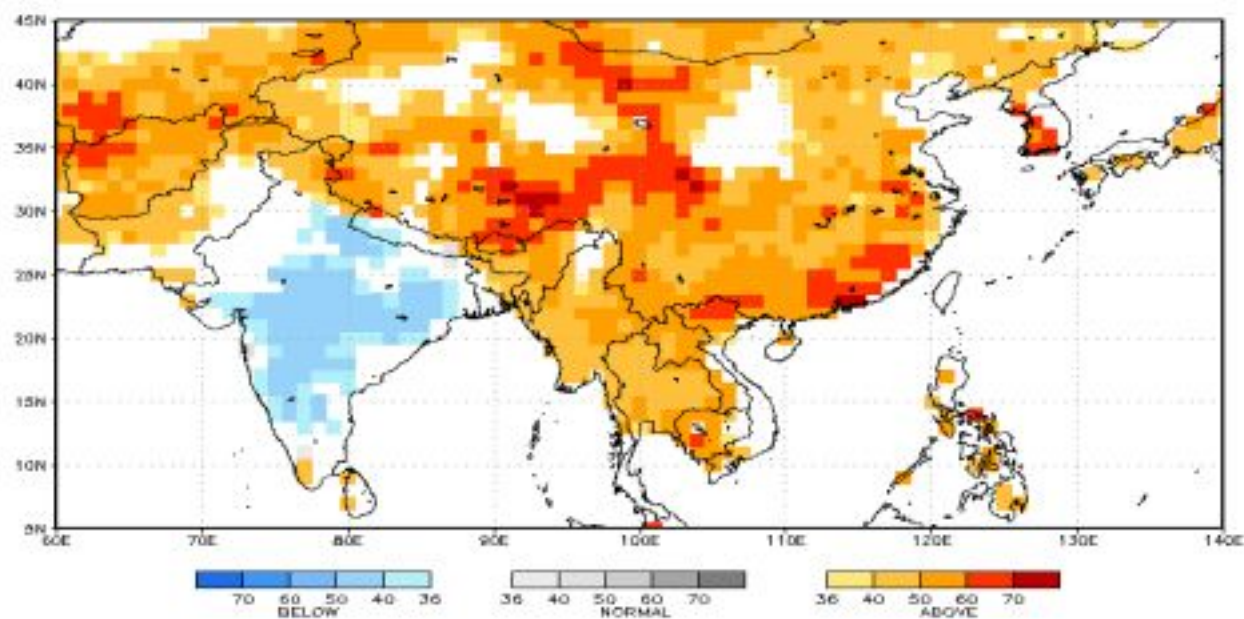
APR 2025



NMME 2m Air Temp Prob. Feb10 May2025 Fcst



NMME 2m Air Temp Prob. Feb10 Jun2025 Fcst



C3S multi-system seasonal forecast

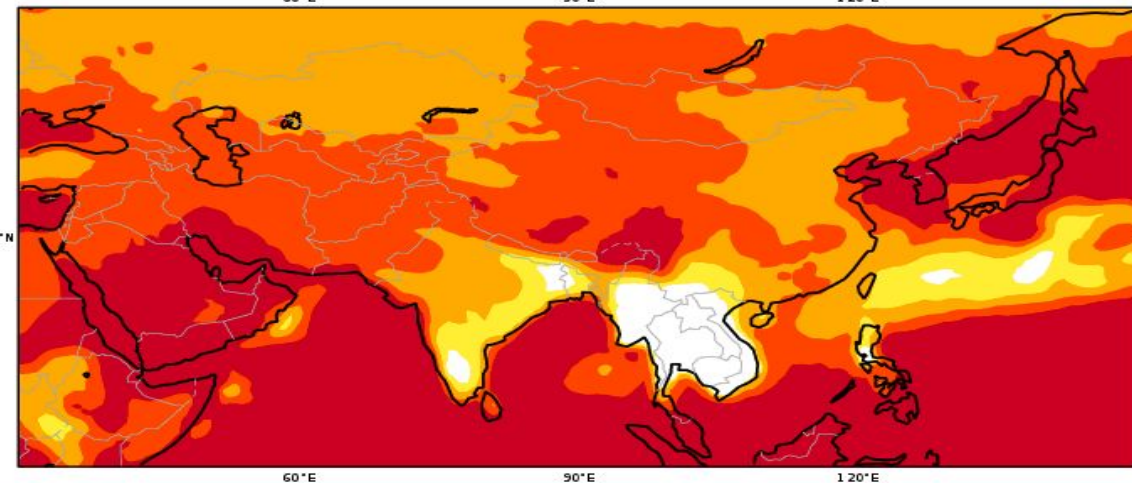
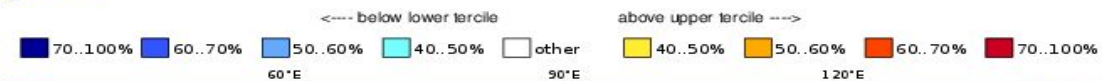
ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC

MAY 2025

Prob(most likely category of 2m temperature)

Nominal forecast start: 01/02/25

Unweighted mean



C3S multi-system seasonal forecast

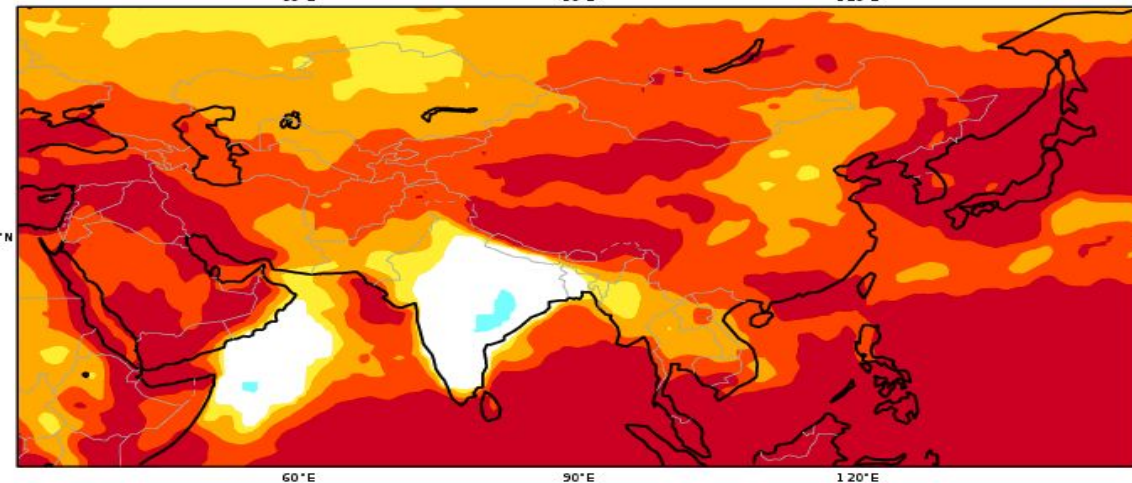
ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC

JUN 2025

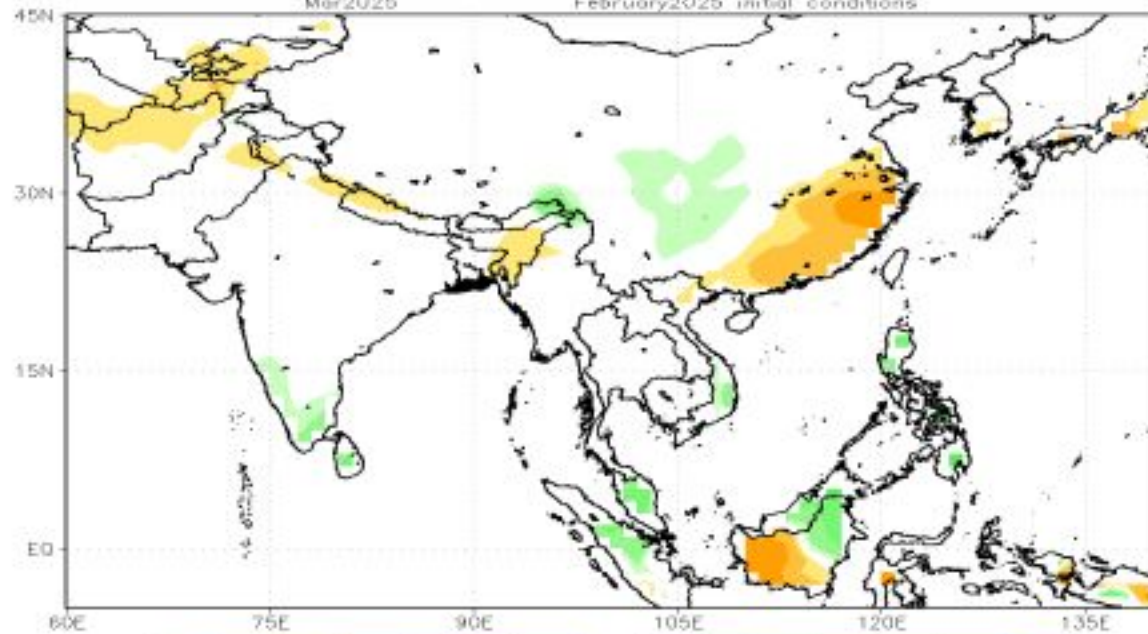
Prob(most likely category of 2m temperature)

Nominal forecast start: 01/02/25

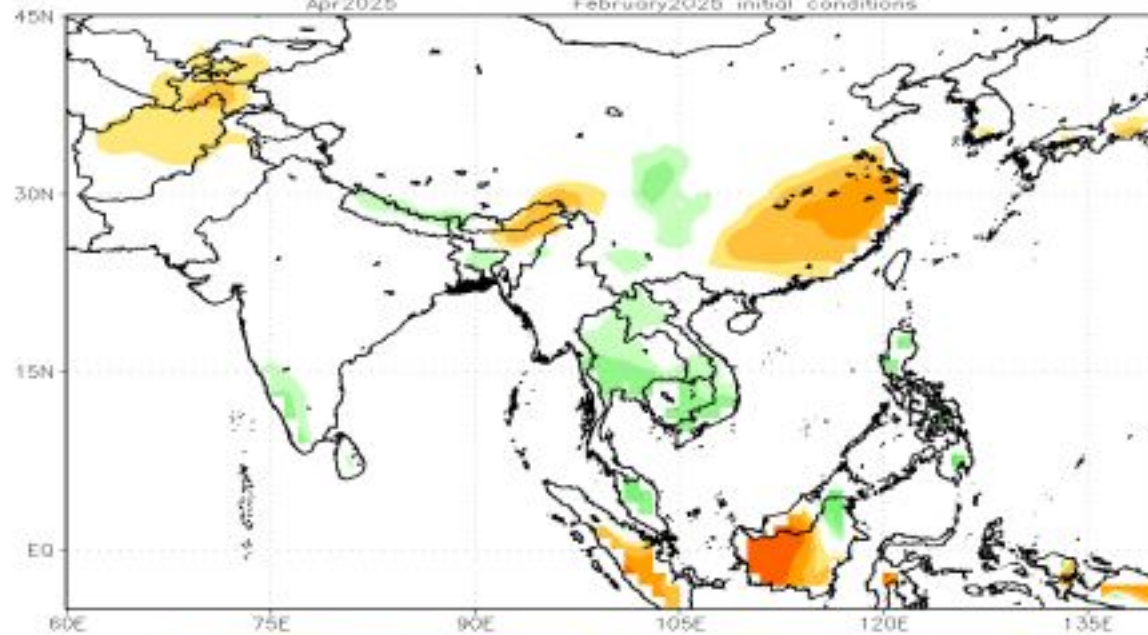
Unweighted mean



NMME Precipitation Anomalies (mm/day)
Mar2025 February2025 initial conditions



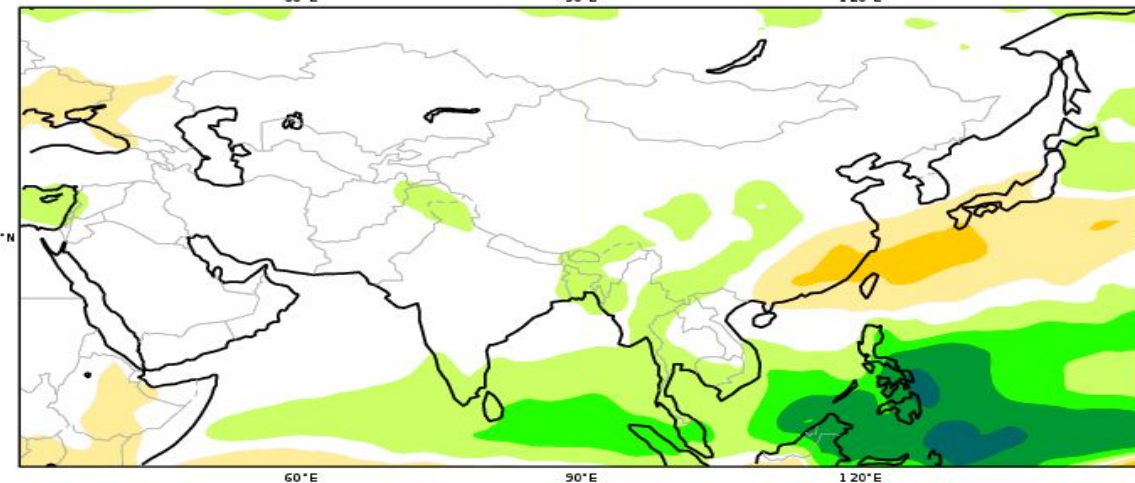
NMME Precipitation Anomalies (mm/day)
Apr2025 February2025 initial conditions



C3S multi-system seasonal forecast
Mean precipitation anomaly

Nominal forecast start: 01/02/25
Variance-standardized mean

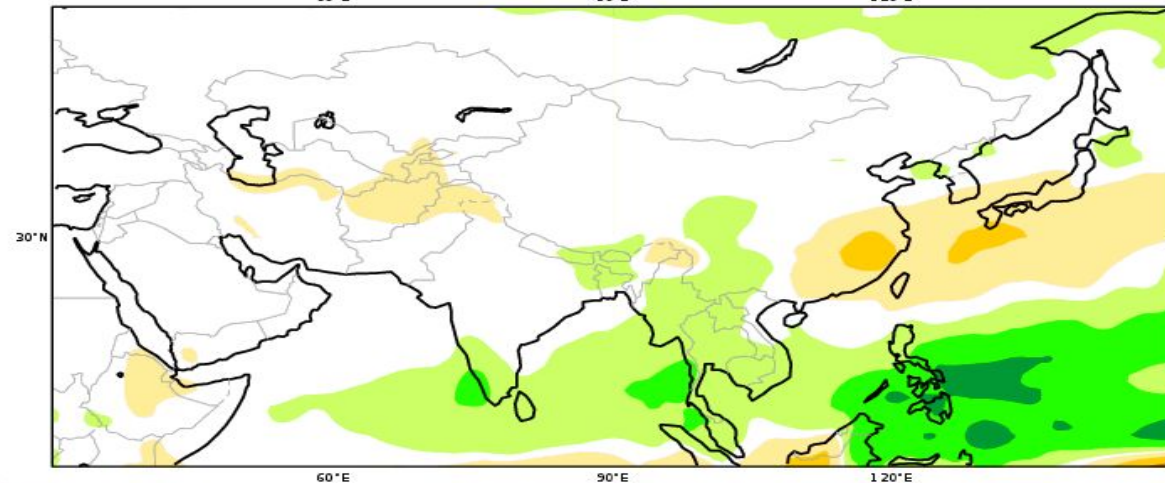
Legend: <-100mm, -100...-50, -50...-25, -25...-5, -5...5, 5...25, 25...50, 50...100, >100mm



C3S multi-system seasonal forecast
Mean precipitation anomaly

Nominal forecast start: 01/02/25
Variance-standardized mean

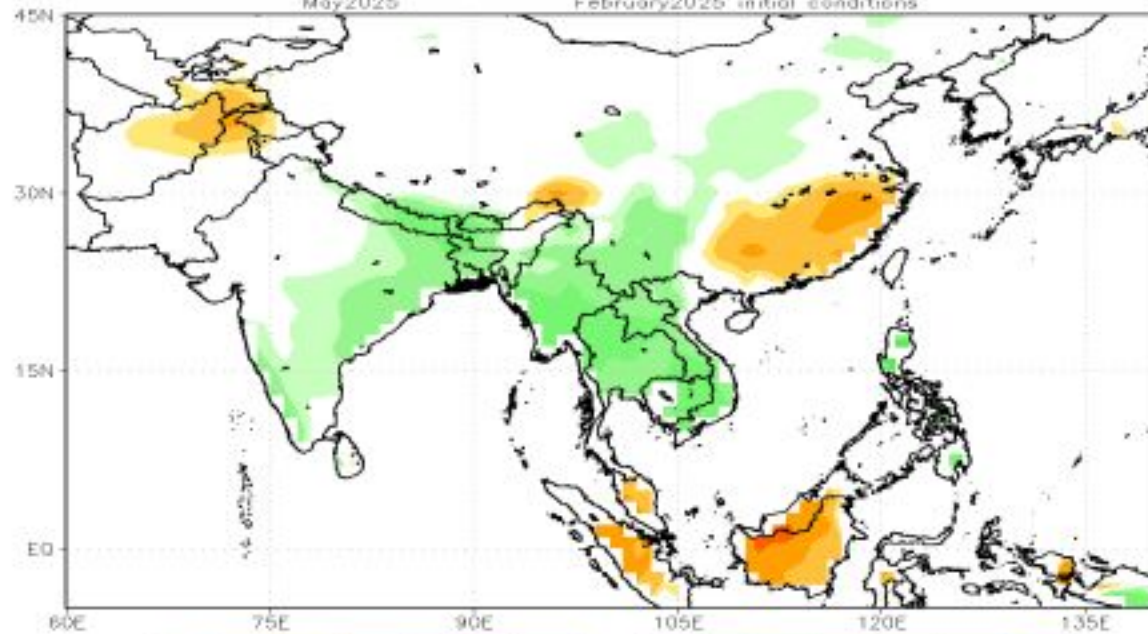
Legend: <-100mm, -100...-50, -50...-25, -25...-5, -5...5, 5...25, 25...50, 50...100, >100mm



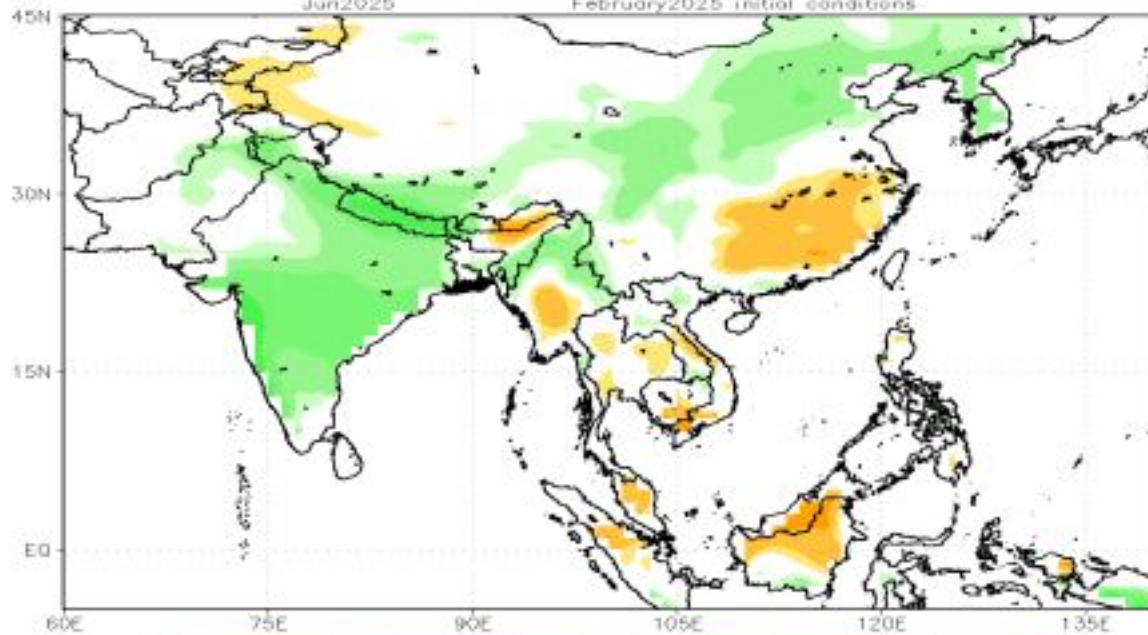
ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC
MAR 2025

ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC
APR 2025

NMME Precipitation Anomalies (mm/day)
May2025 February2025 initial conditions



NMME Precipitation Anomalies (mm/day)
Jun2025 February2025 initial conditions



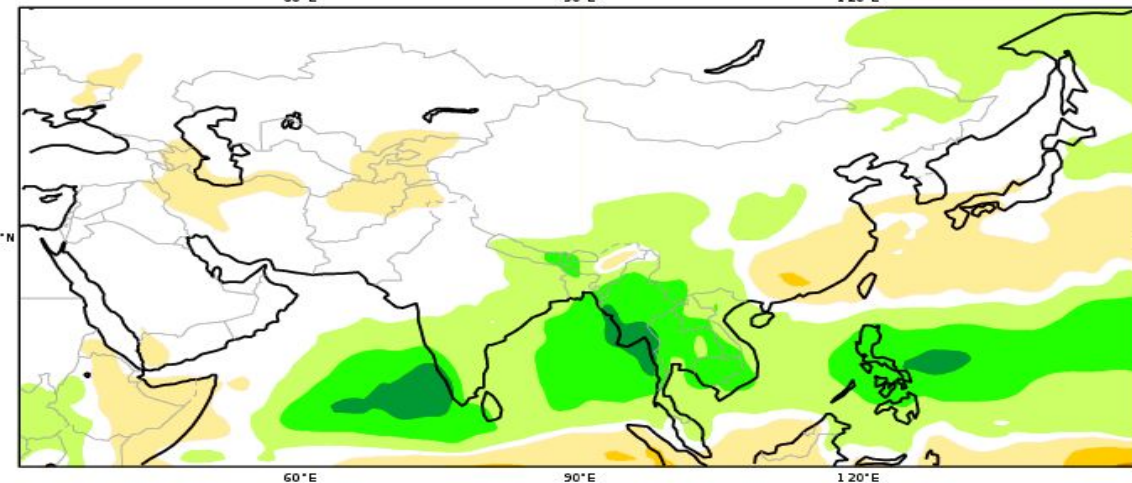
C3S multi-system seasonal forecast

Mean precipitation anomaly

Nominal forecast start: 01/02/25

Variance-standardized mean

Legend: <-100mm, -100...-50, -50...-25, -25...-5, -5...5, 5...25, 25...50, 50...100, >100mm



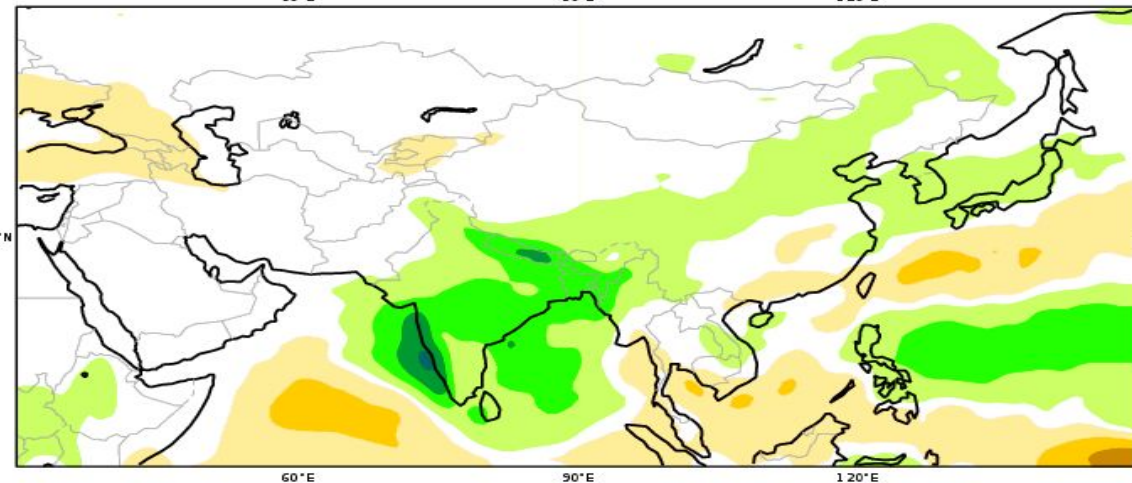
C3S multi-system seasonal forecast

Mean precipitation anomaly

Nominal forecast start: 01/02/25

Variance-standardized mean

Legend: <-100mm, -100...-50, -50...-25, -25...-5, -5...5, 5...25, 25...50, 50...100, >100mm



ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC

MAY 2025

ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC

JUN 2025