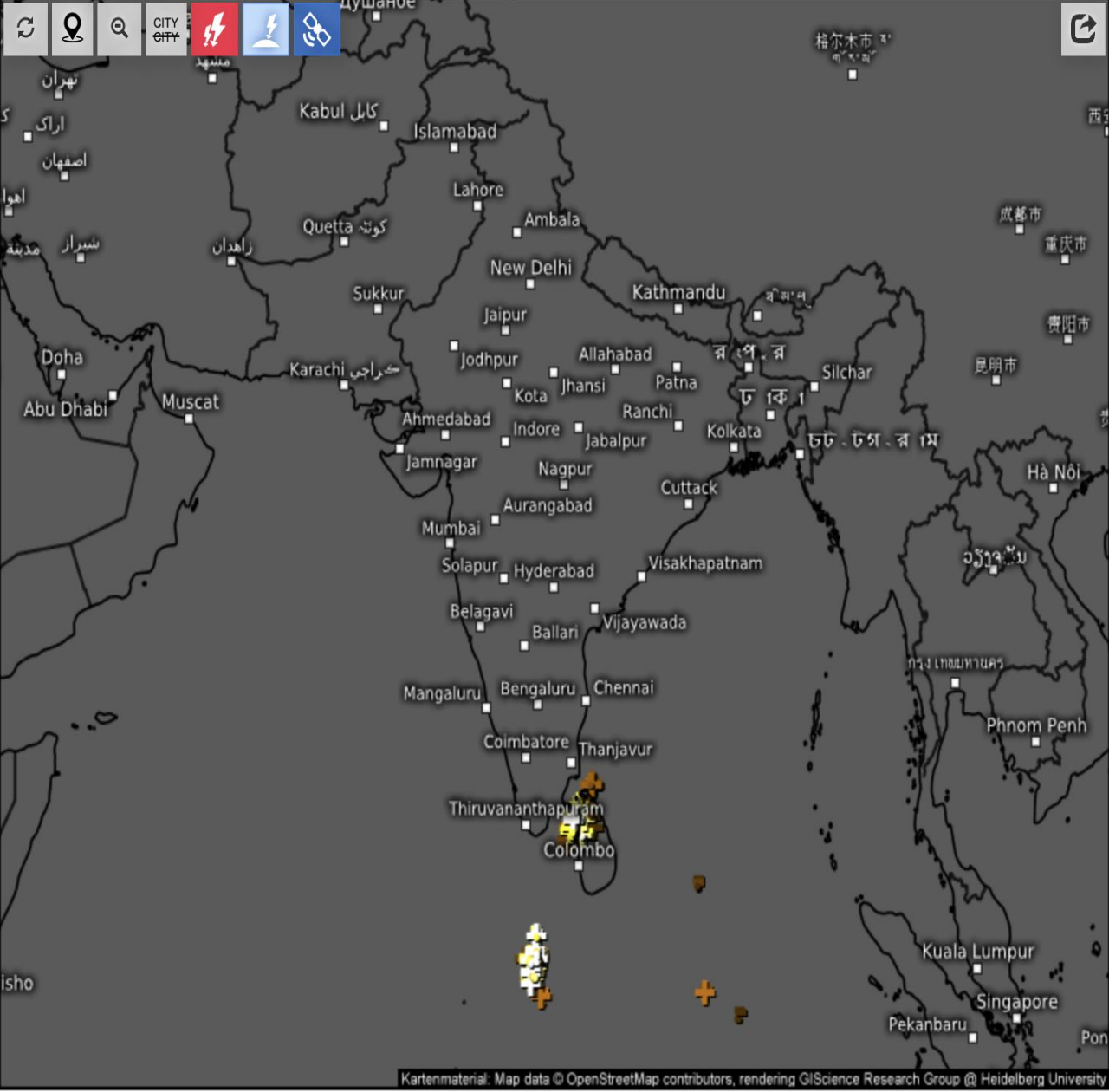
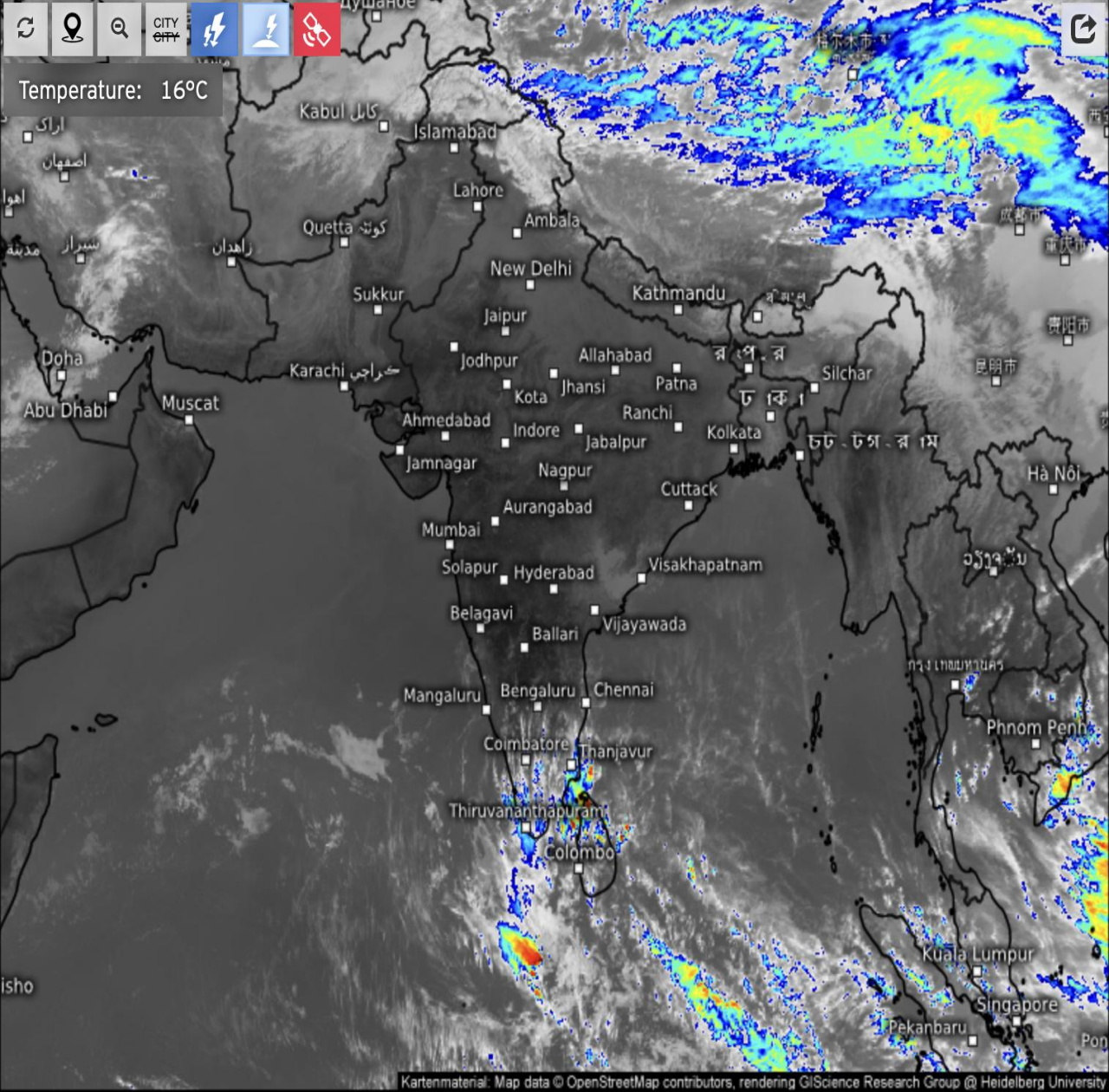
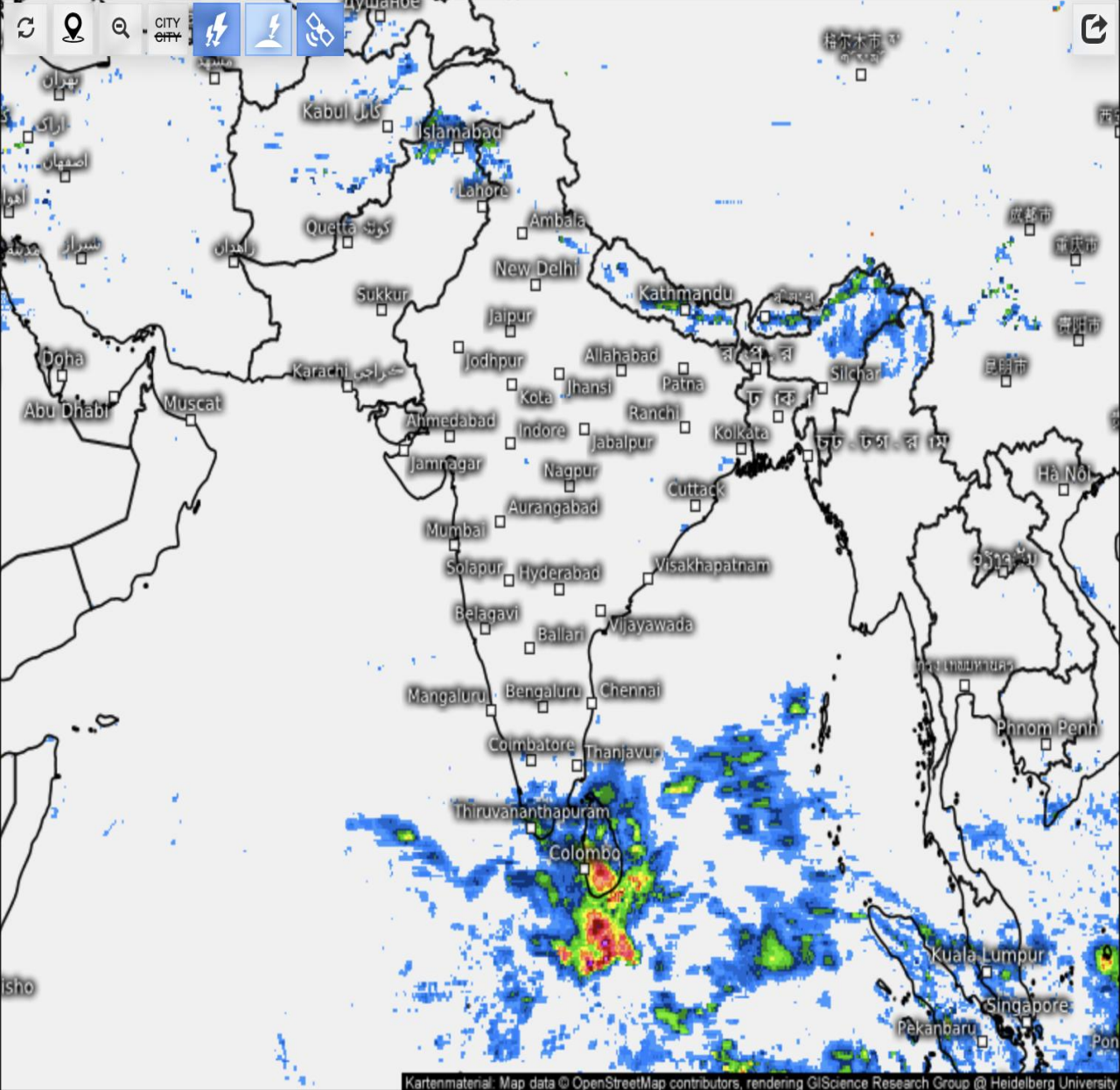
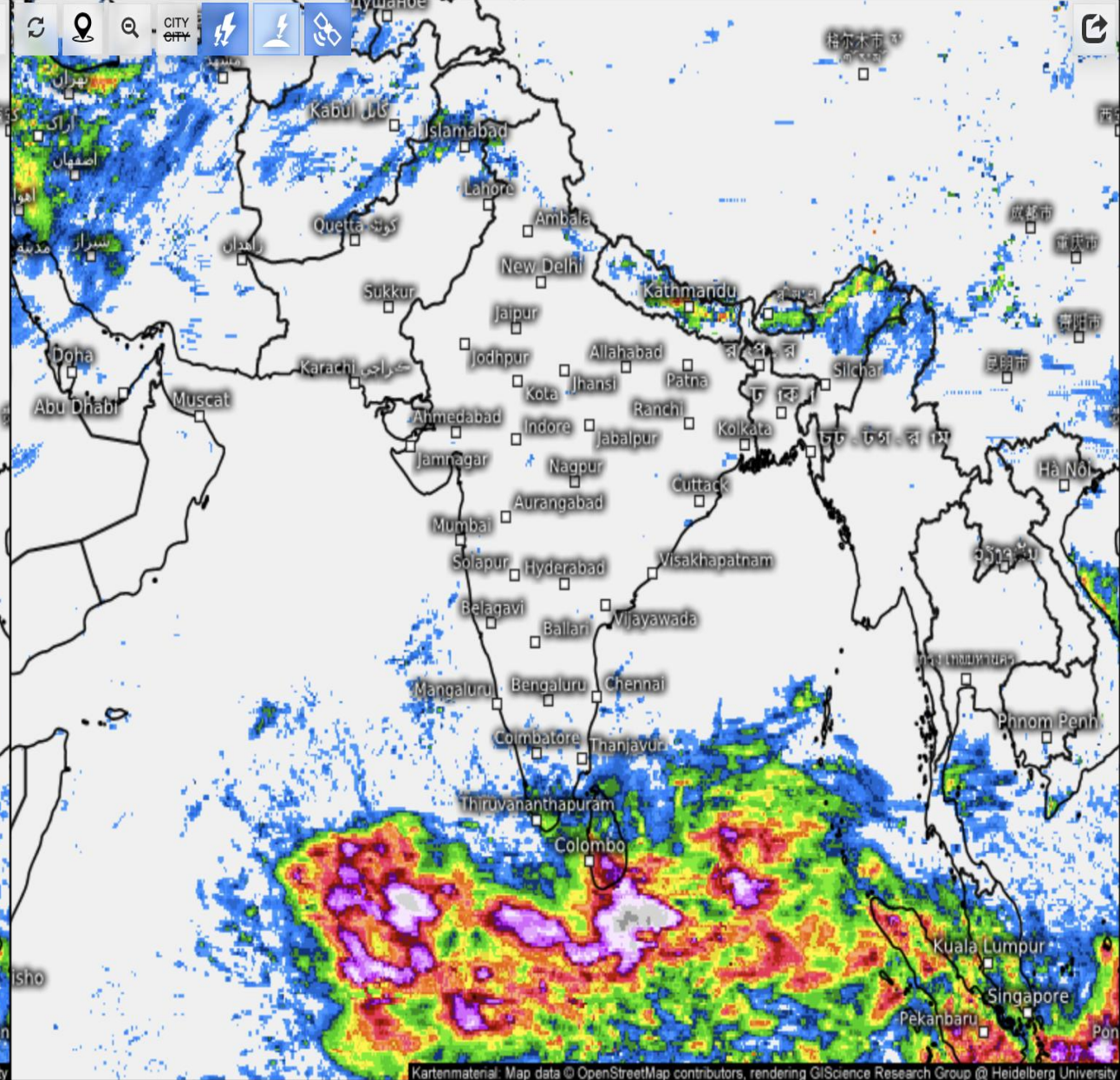
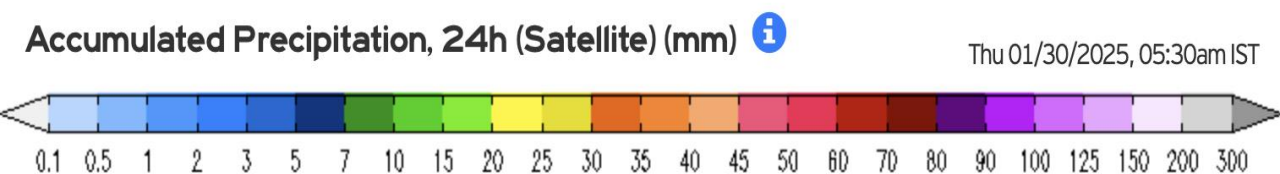
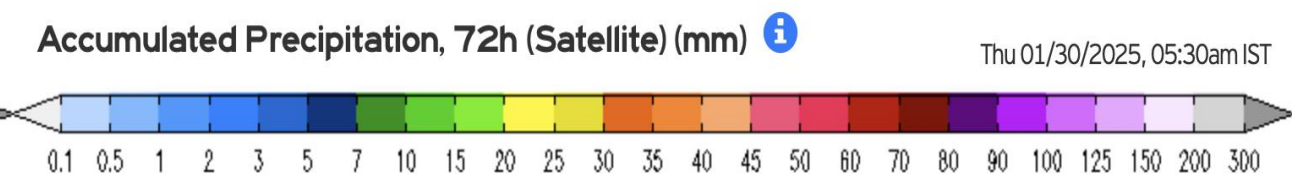


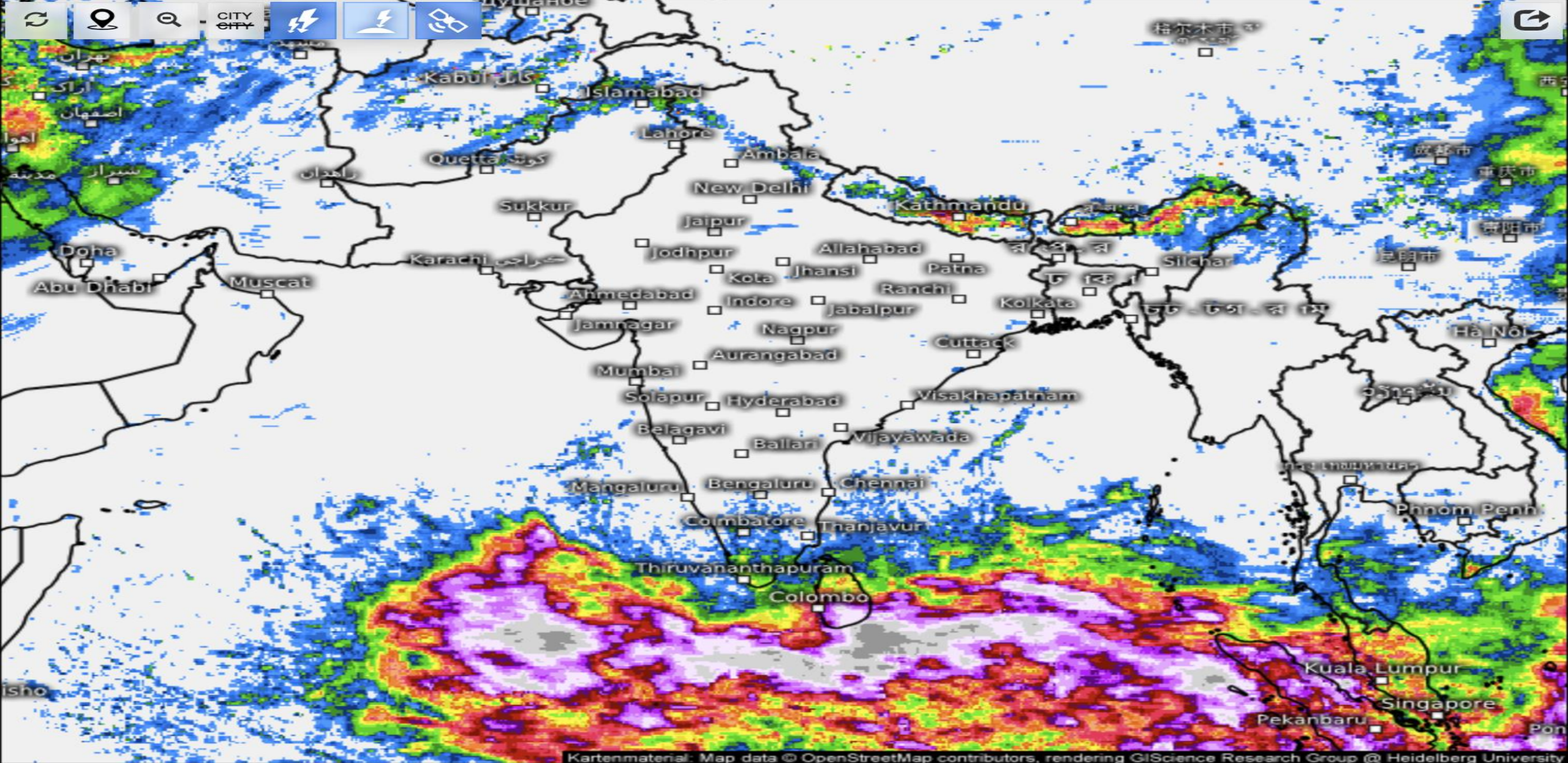


Kartenmaterial: Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University



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





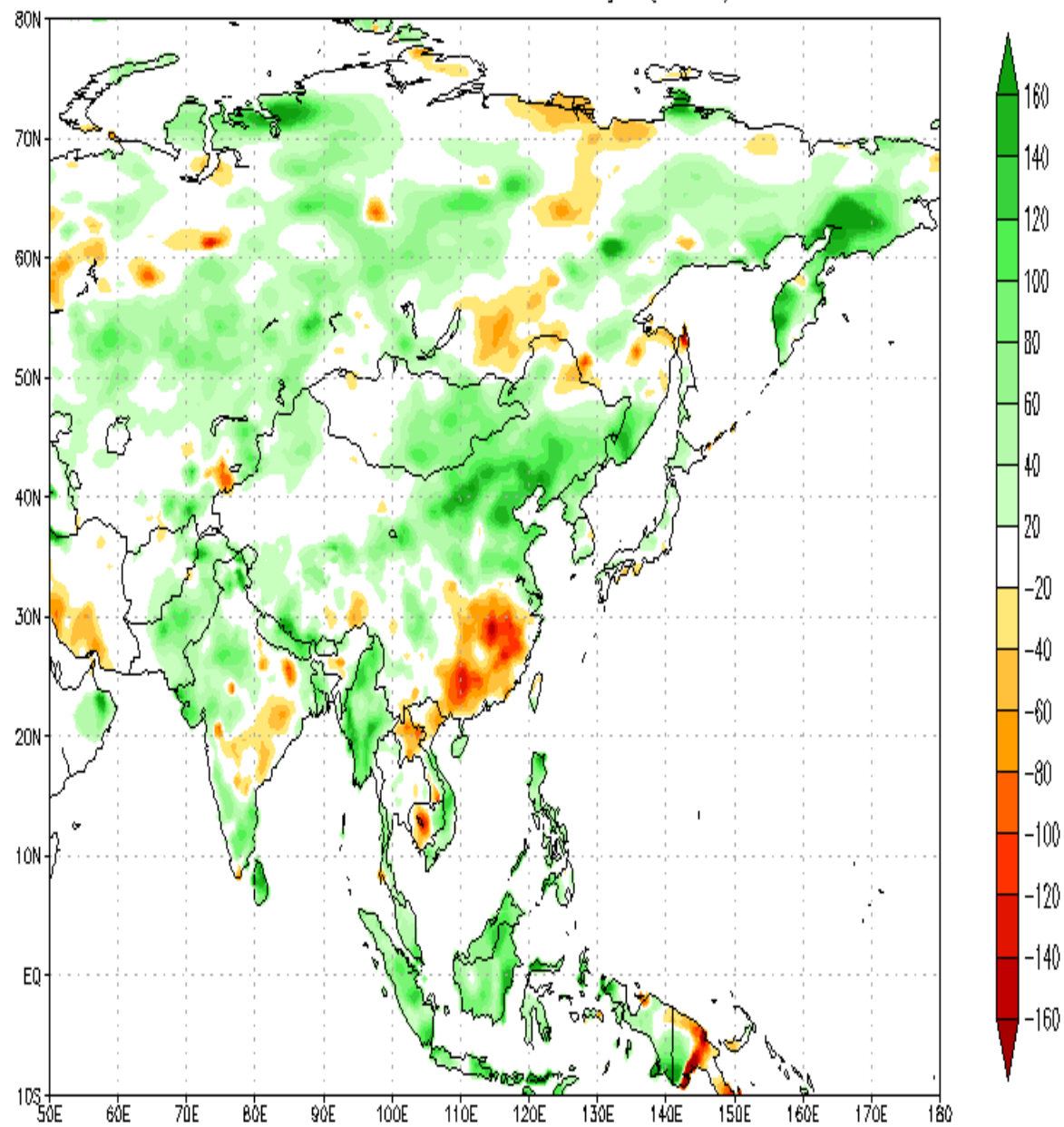
Kartenmaterial: Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University

Accumulated Precipitation, 7 days (Satellite) (mm) 

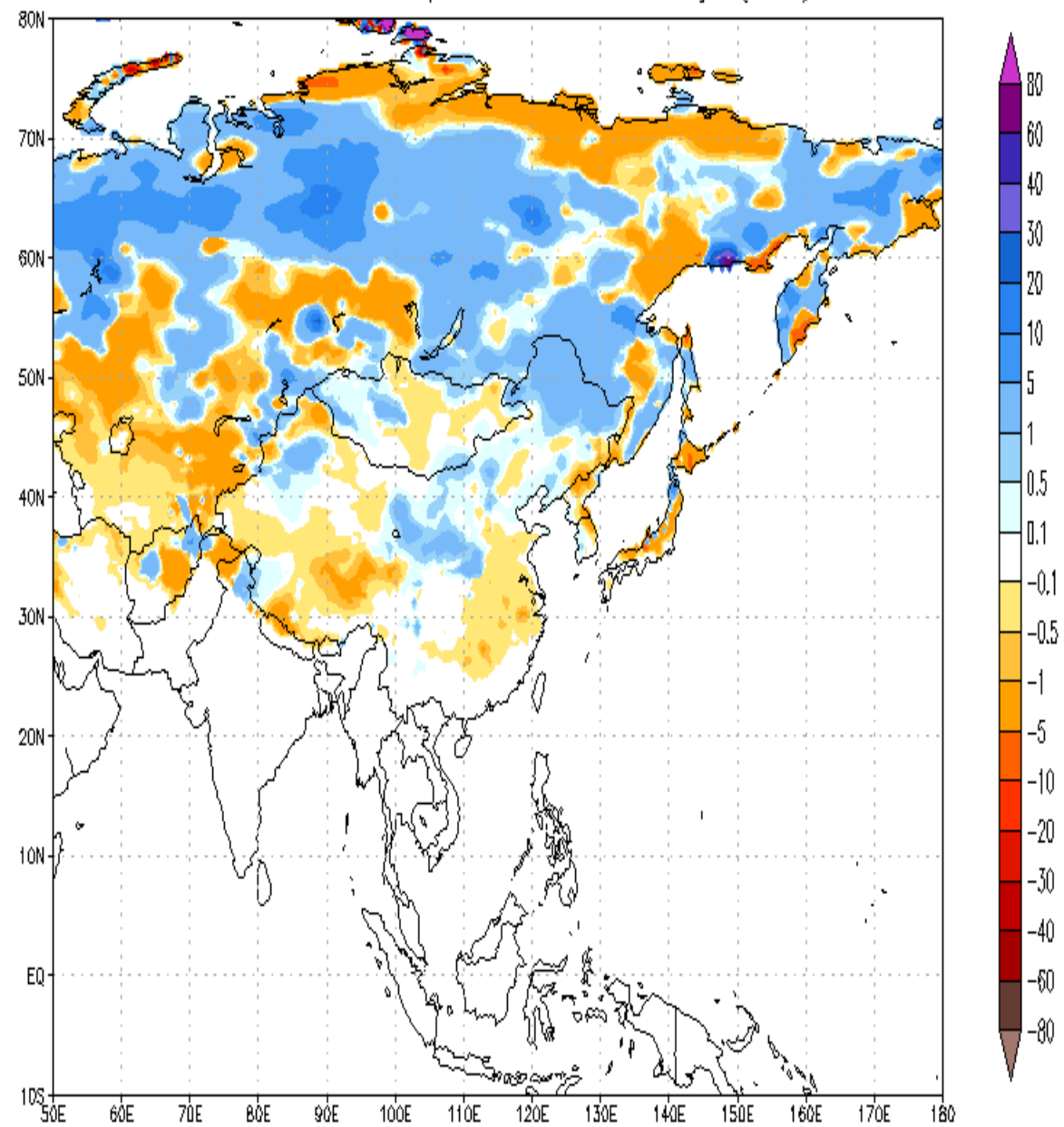
Thu 01/30/2025, 05:30am IST



Calculated Soil Moisture Anomaly (mm) 20250128

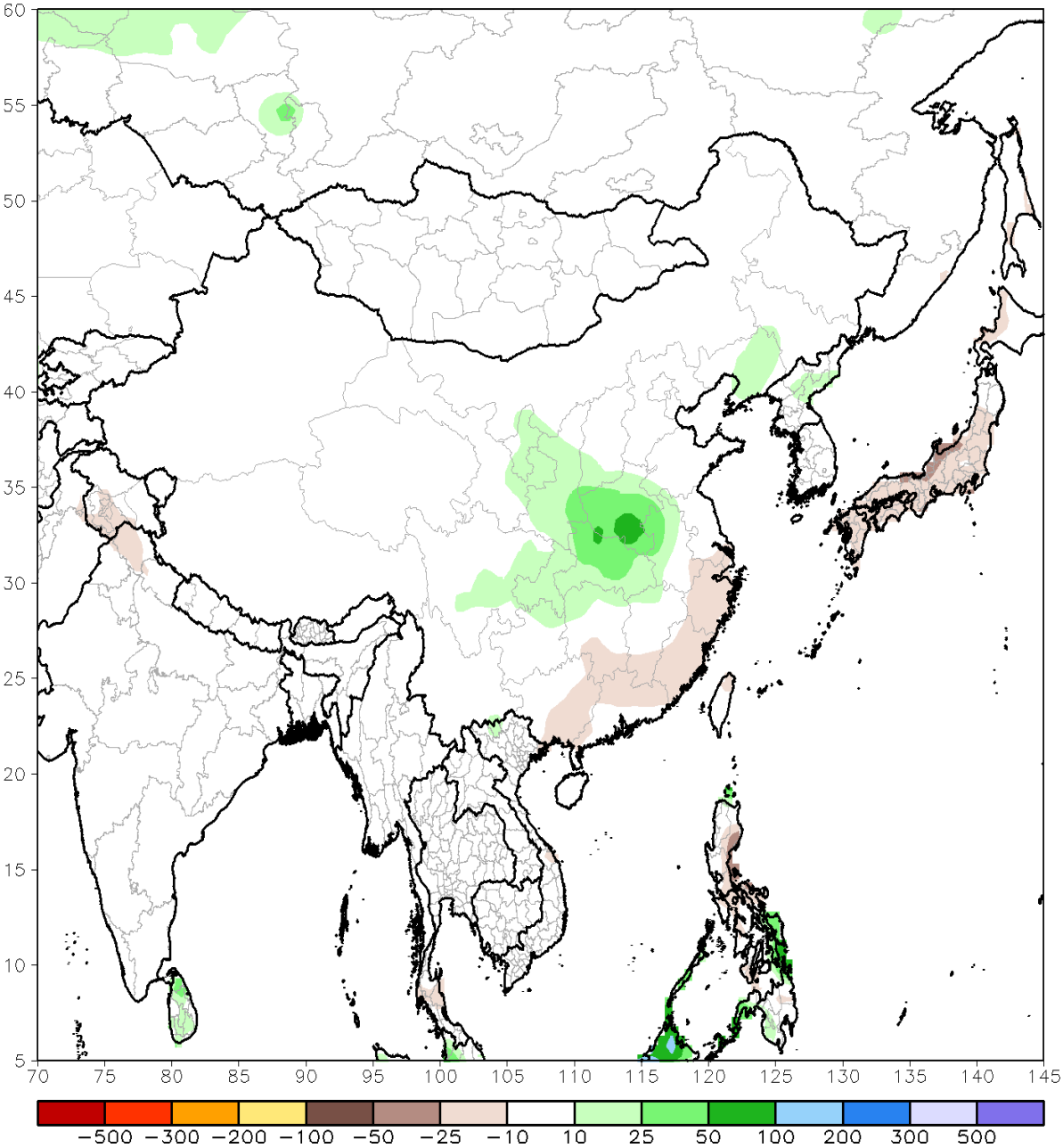


Calculated Snow Water Equivalent Anomaly (cm) 20250128



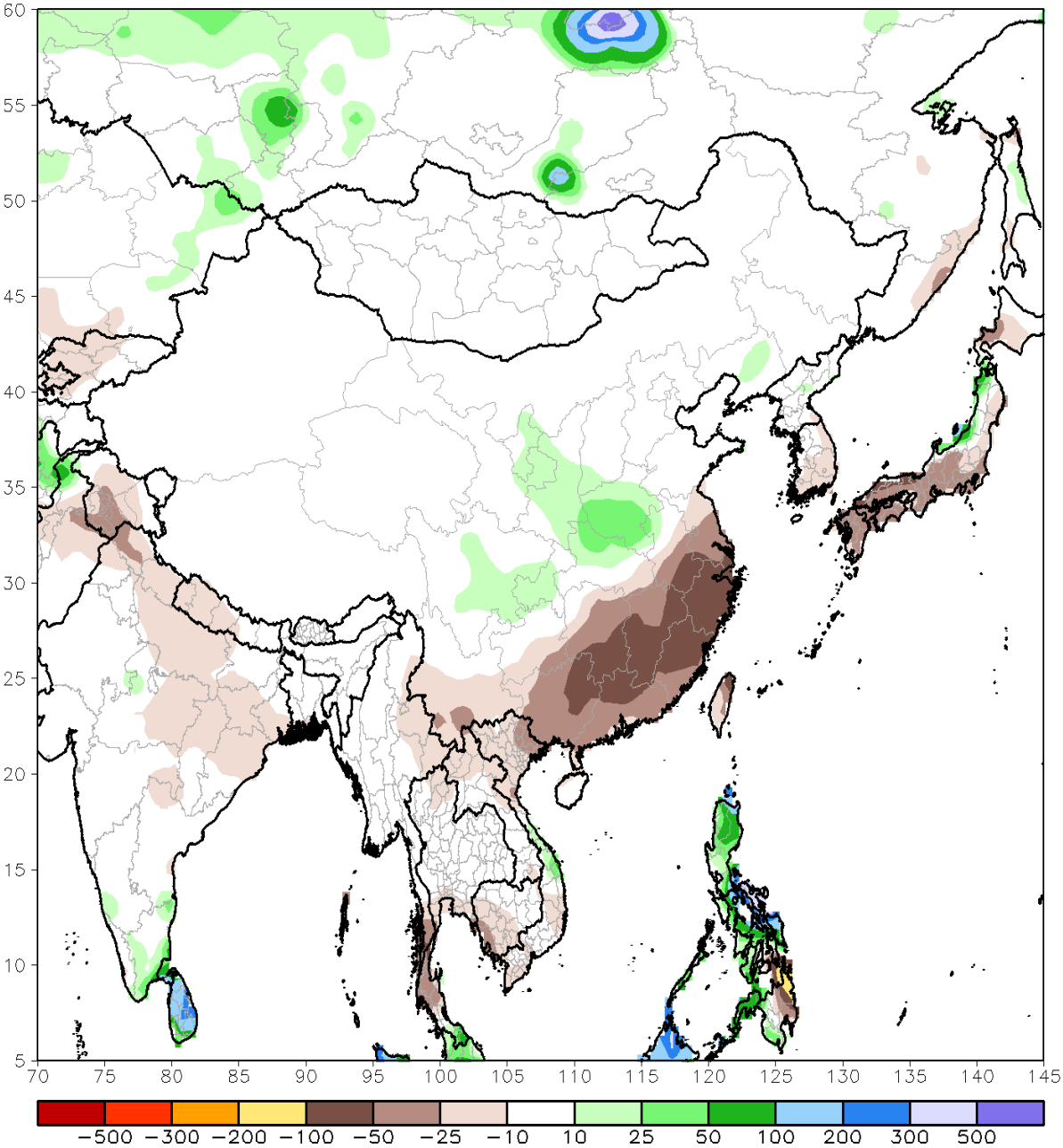
CPC Unified Gauge 7-Day Total Rainfall Anomaly (mm)

Period: 21Jan2025 - 27Jan2025



CPC Unified Gauge 30-Day Total Rainfall Anomaly (mm)

Period: 29Dec2024 - 27Jan2025

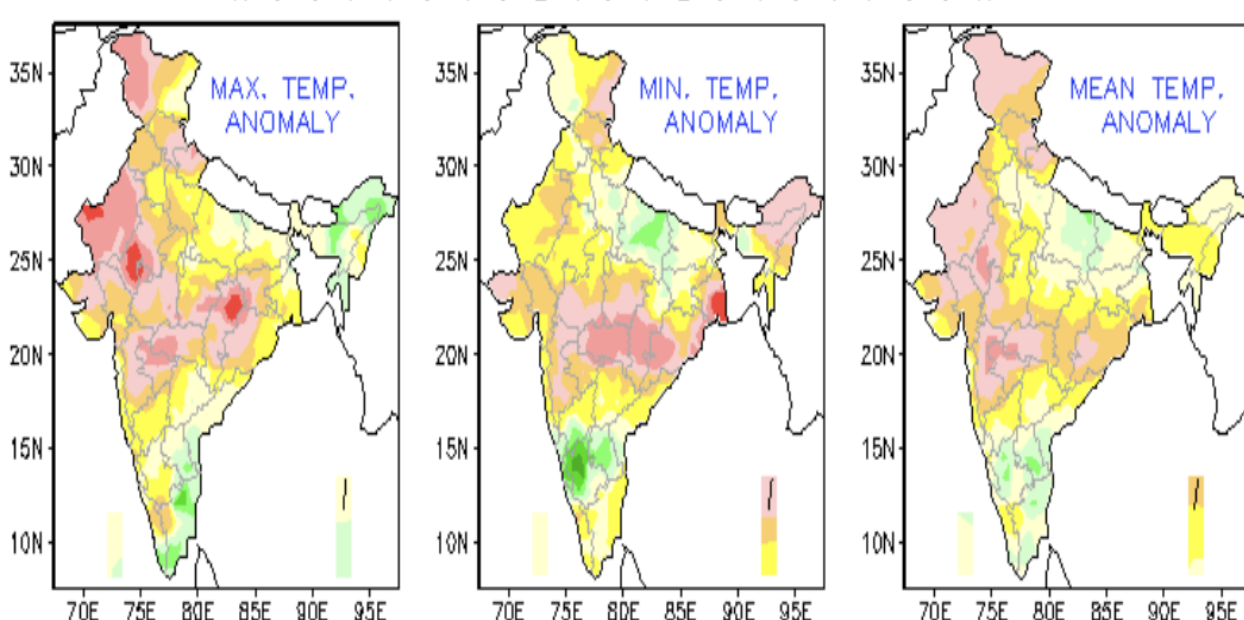
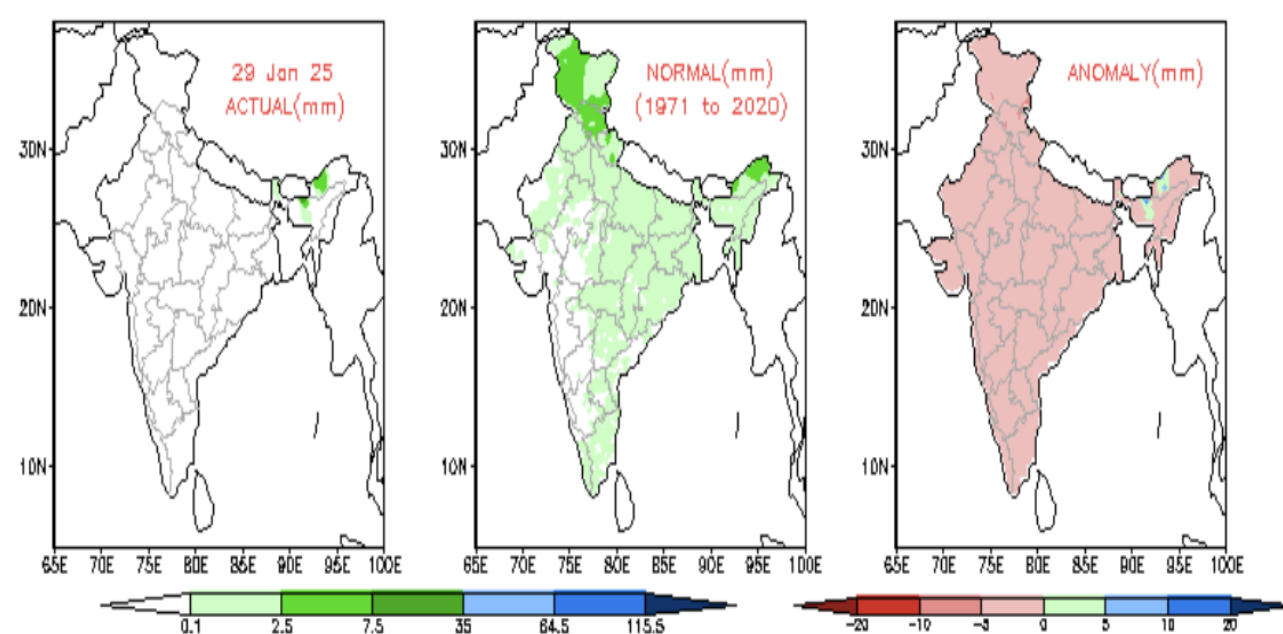
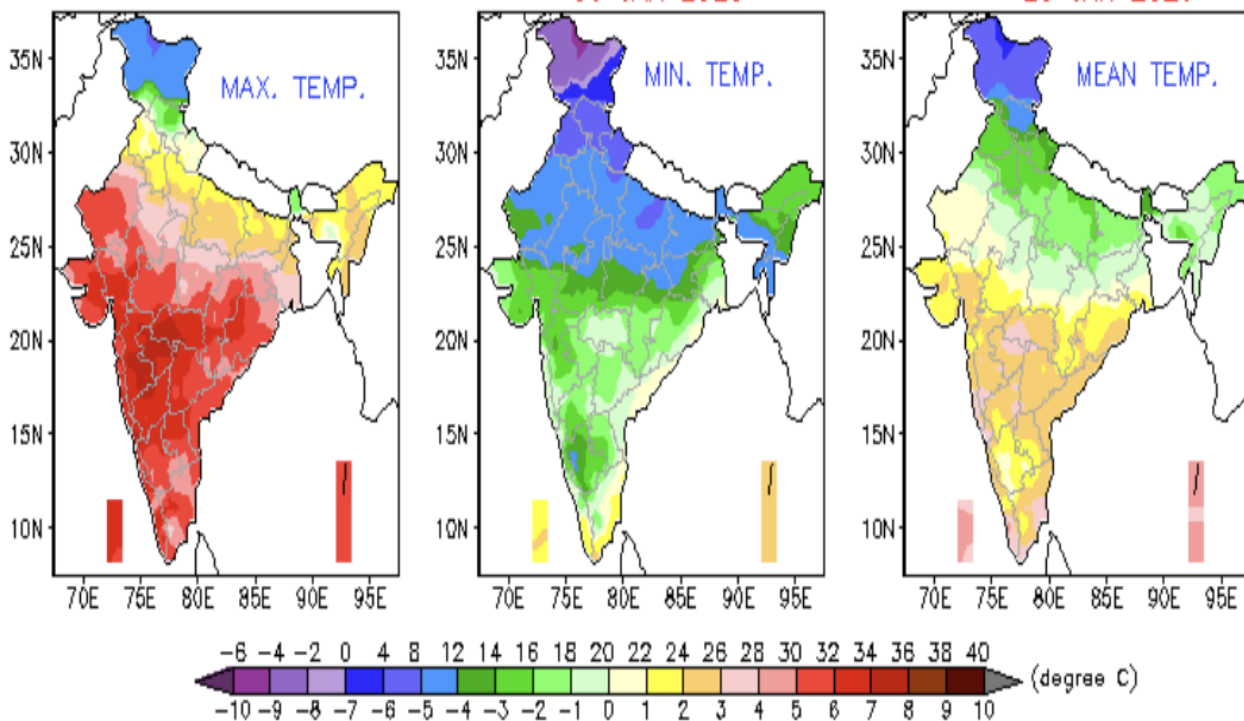


29 JAN 2025

30 JAN 2025

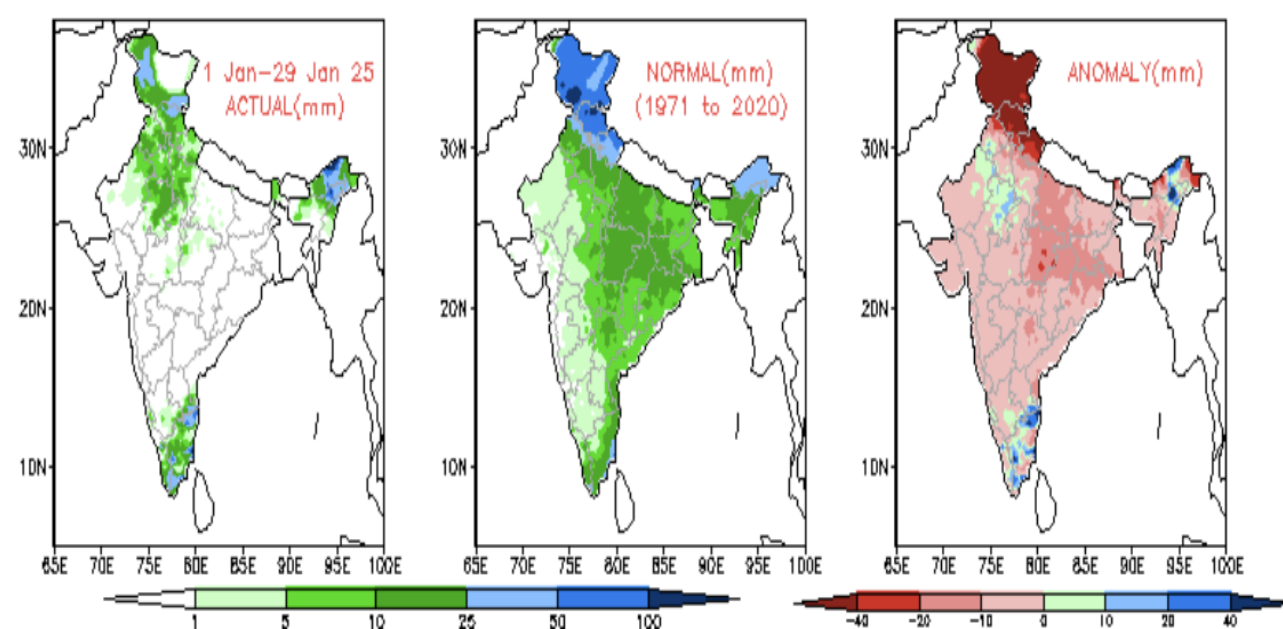
29 JAN 2025

Past 24 hours Rainfall Recorded at 0830 hrs IST on 29 Jan 25



Seasonal Rainfall and its anomaly till date

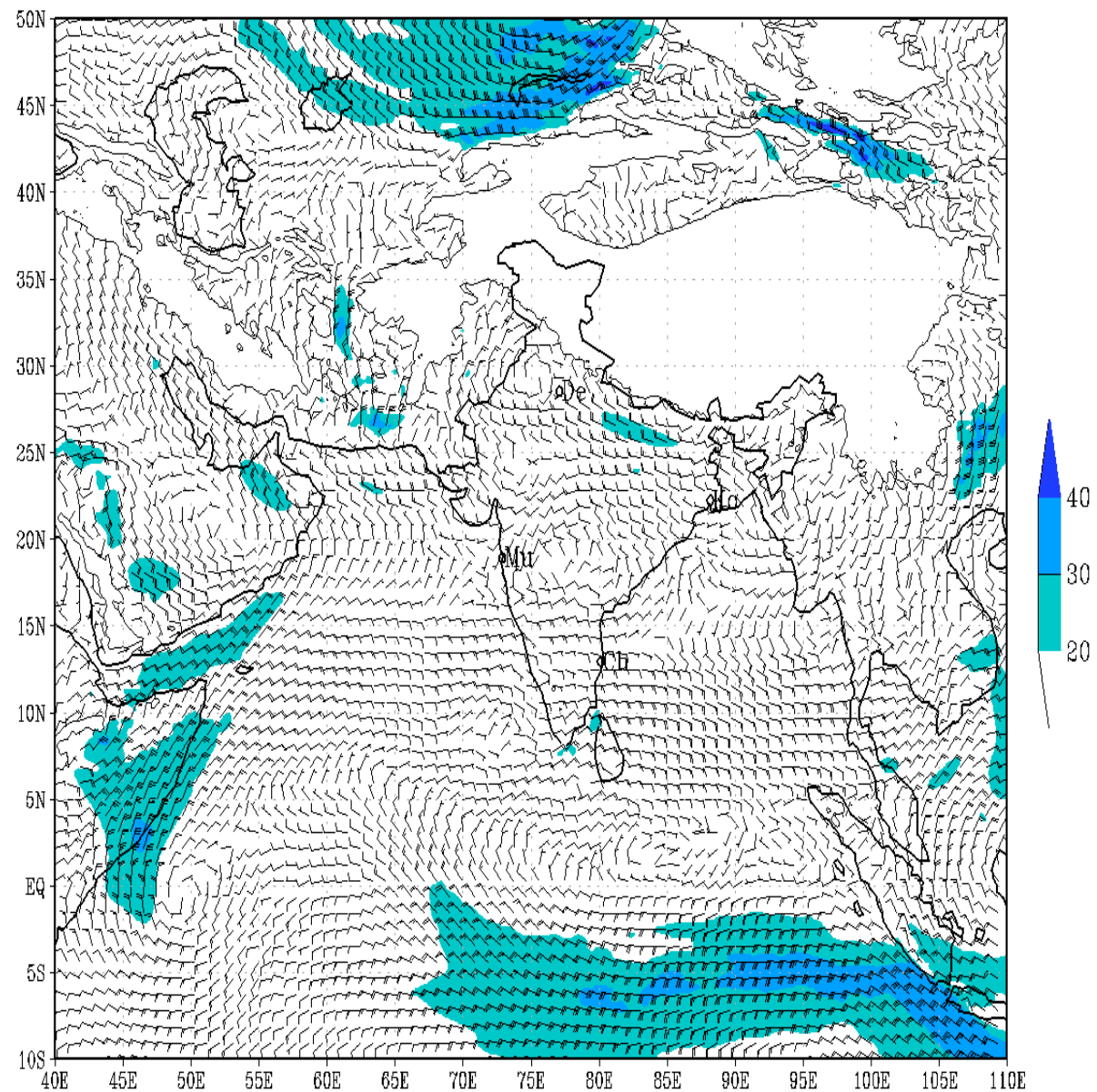
(Based on real time data)



(Based on real time data)

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

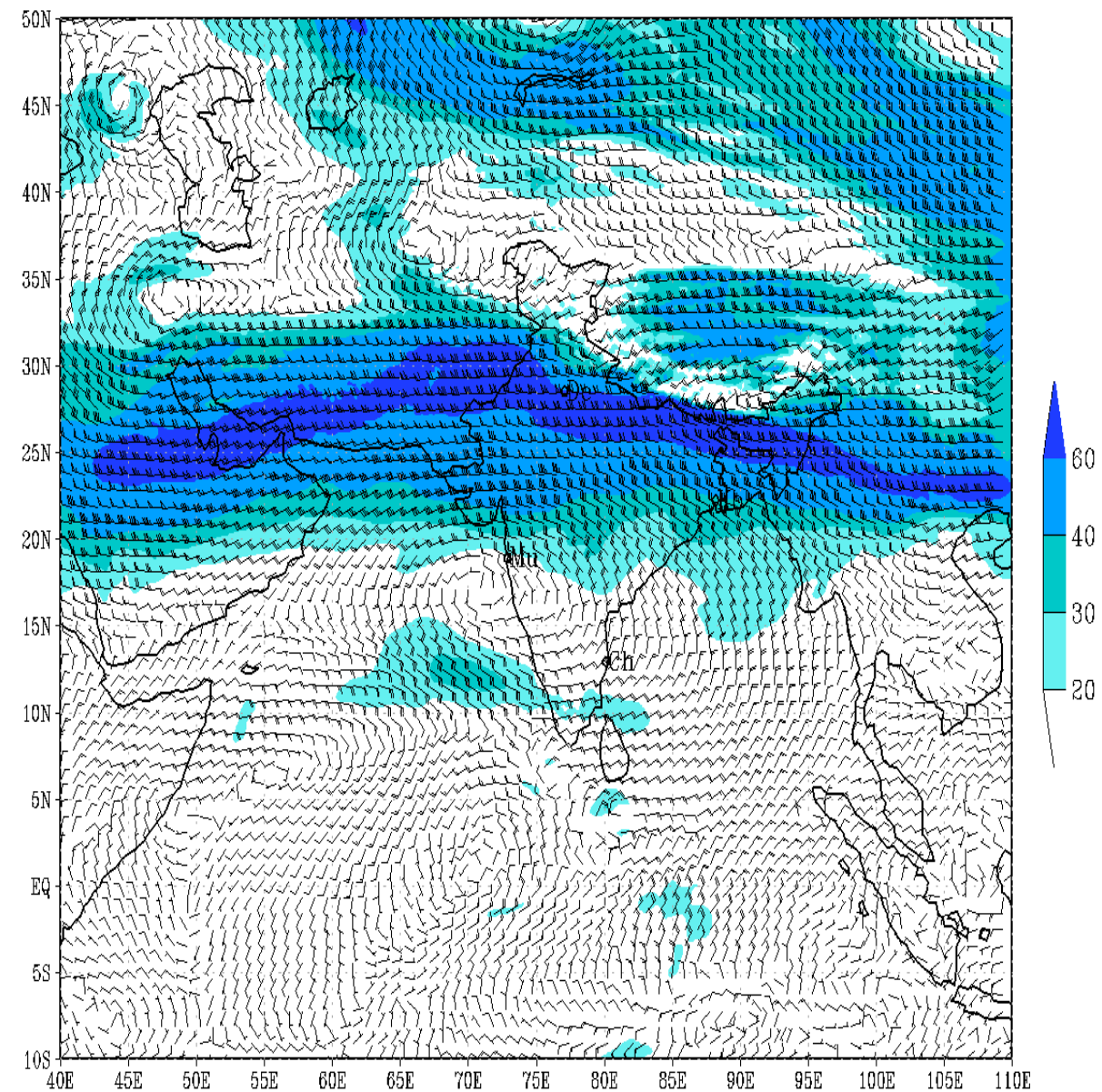
based on 00 UTC of 30-01-2025 valid for 00 UTC of 30-01-2025



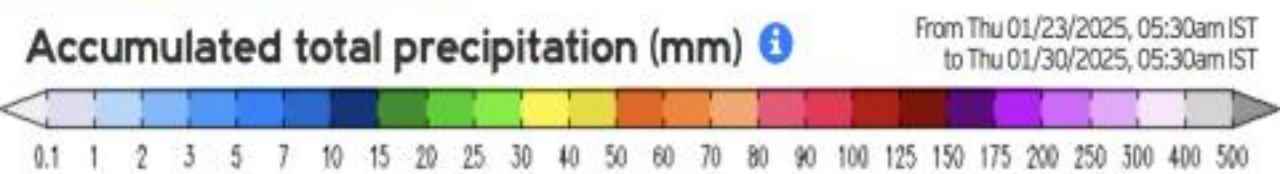
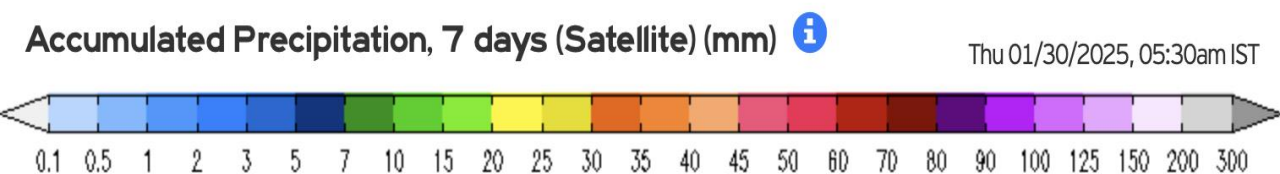
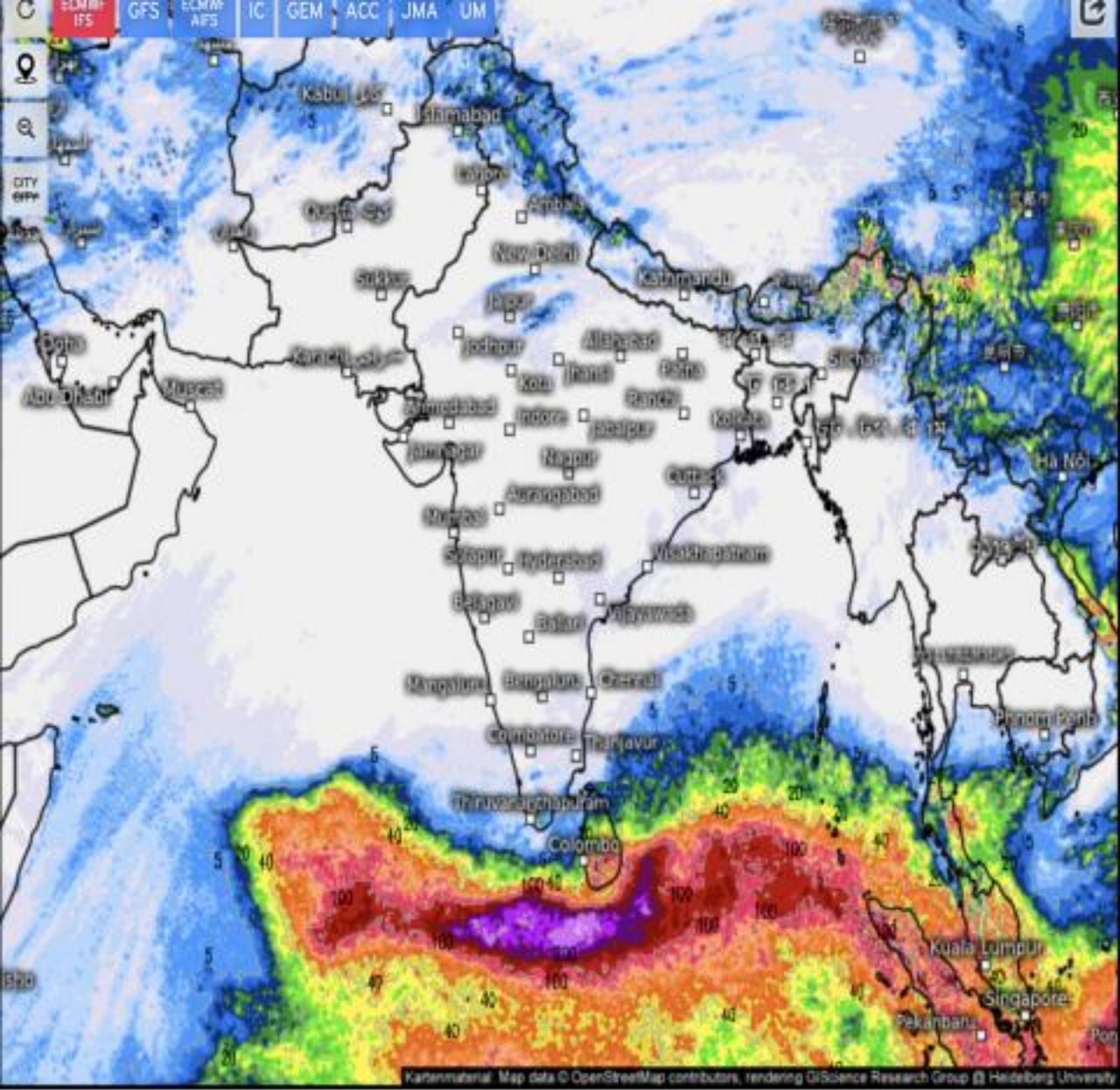
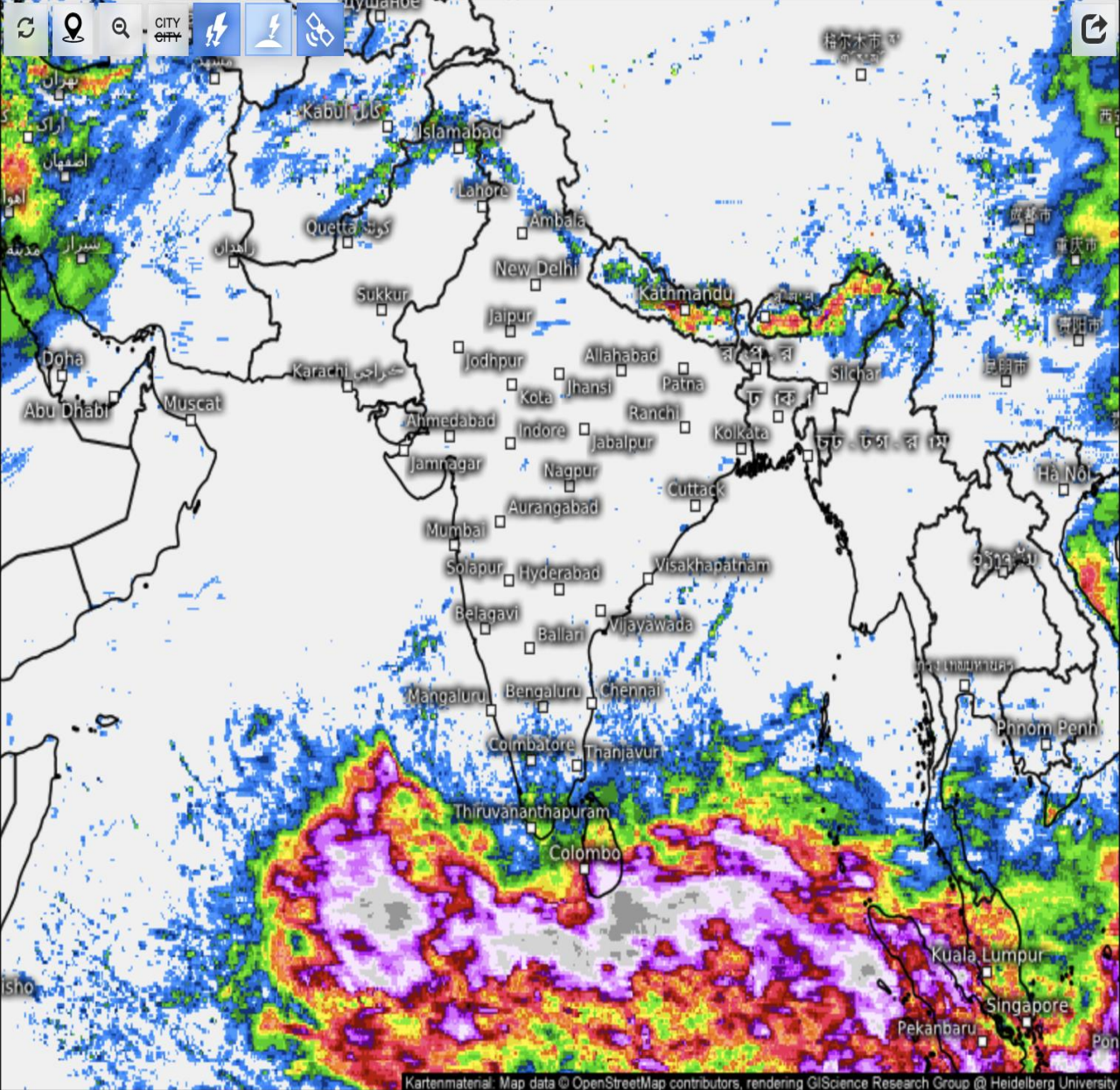
(Background does not depict political boundary)

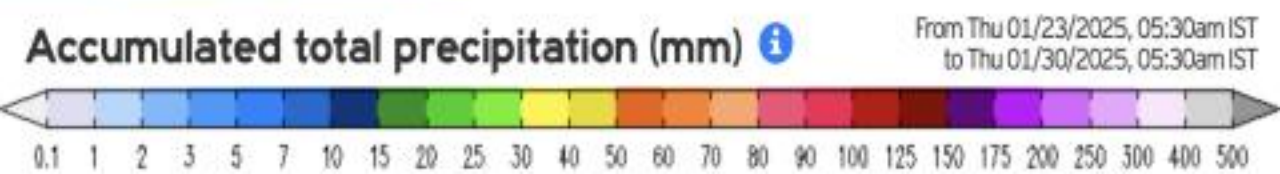
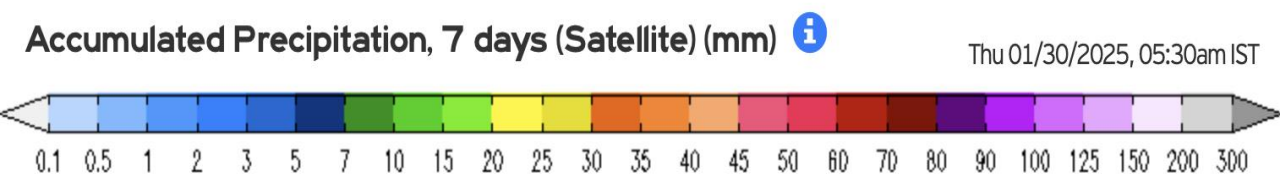
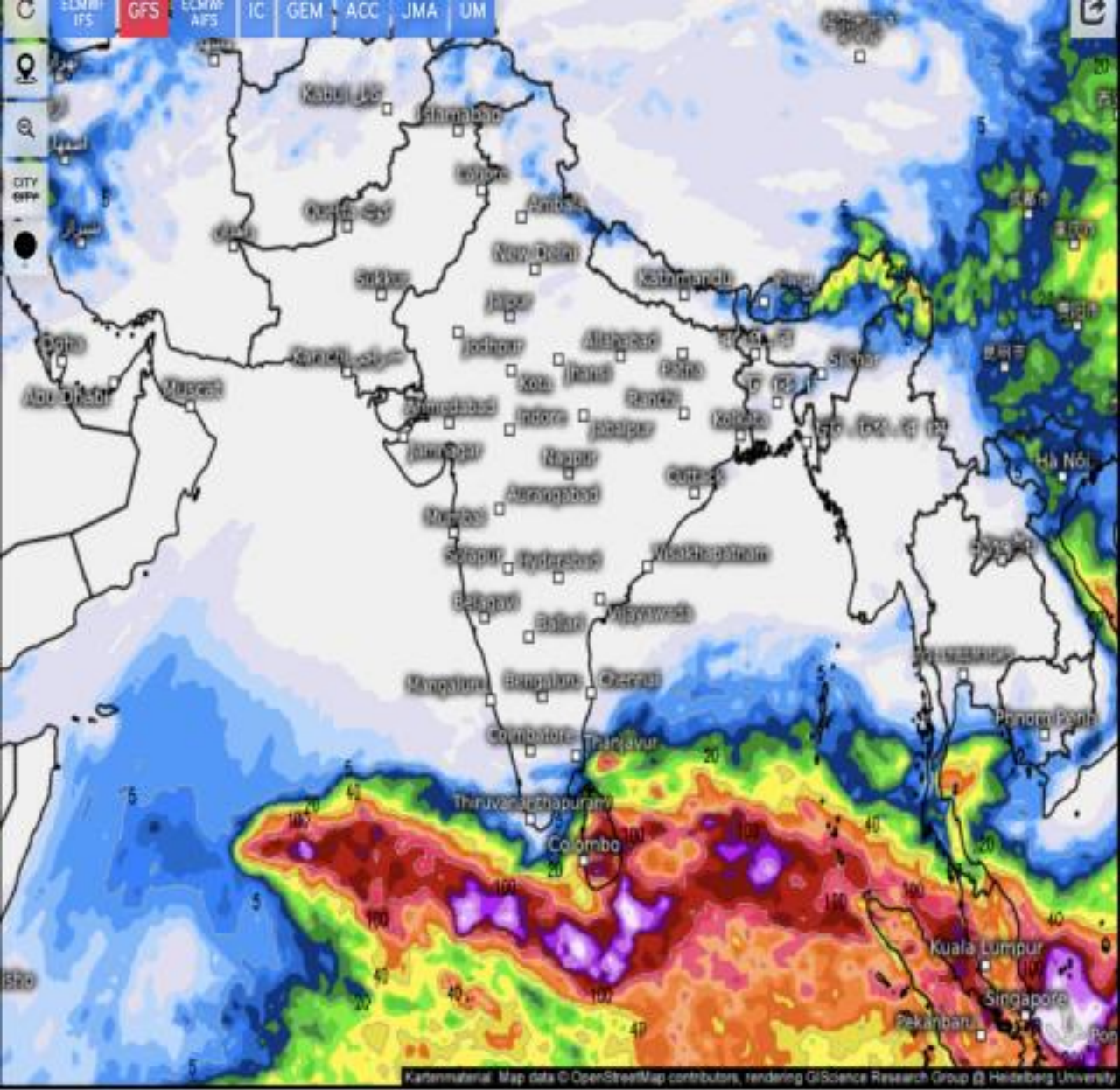
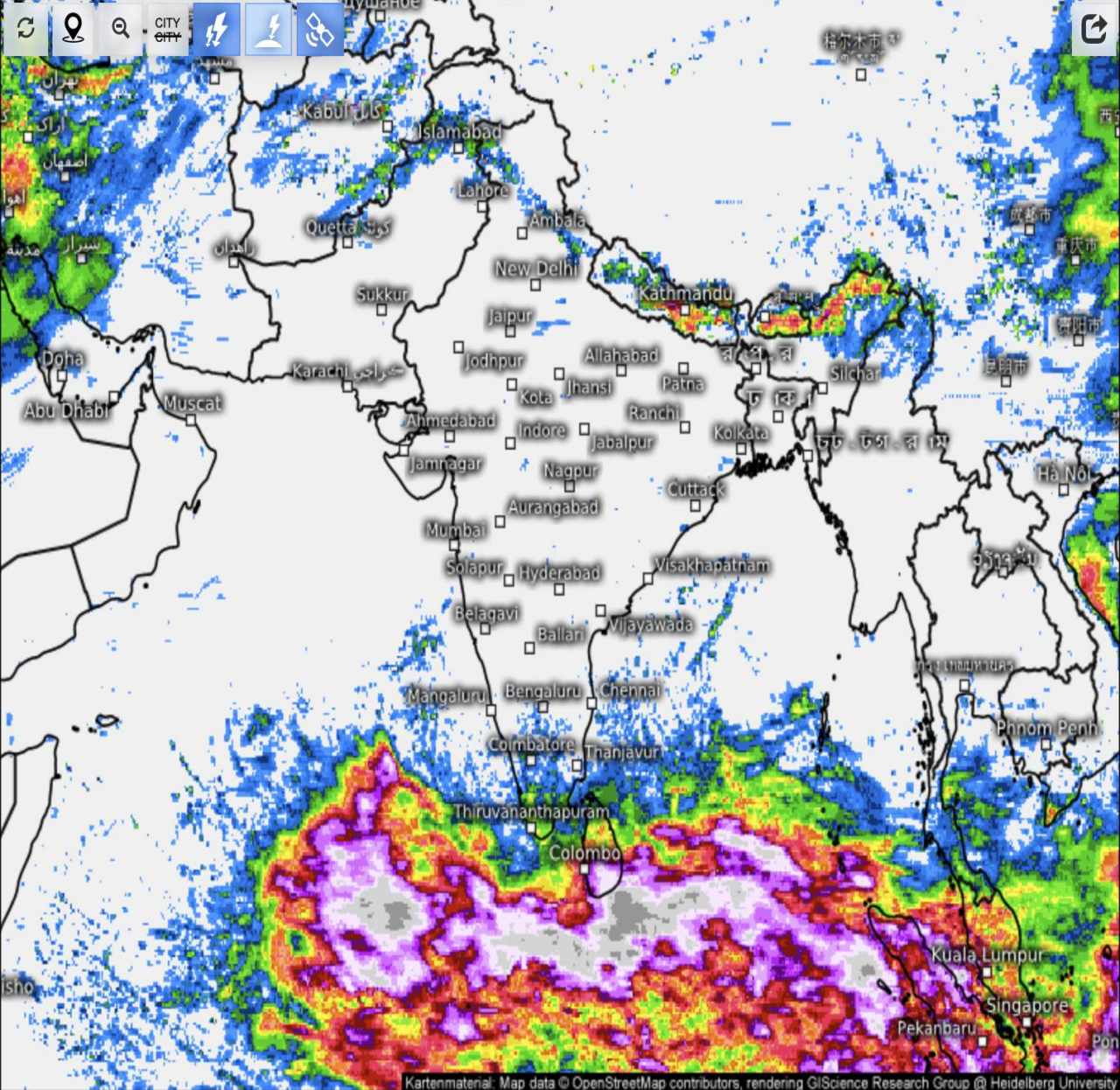
IMD:GFS MODEL(12 Km) 500 hPa WIND (kt) FORECAST (00 HR)

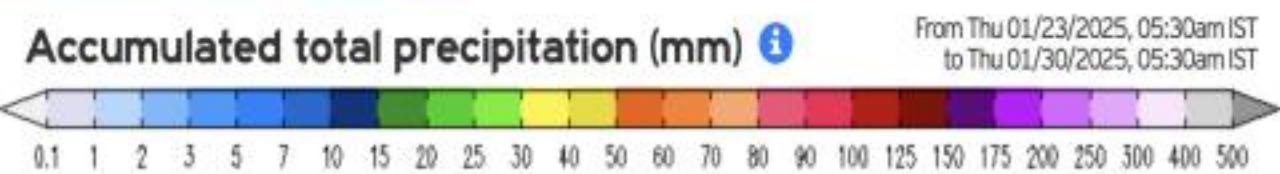
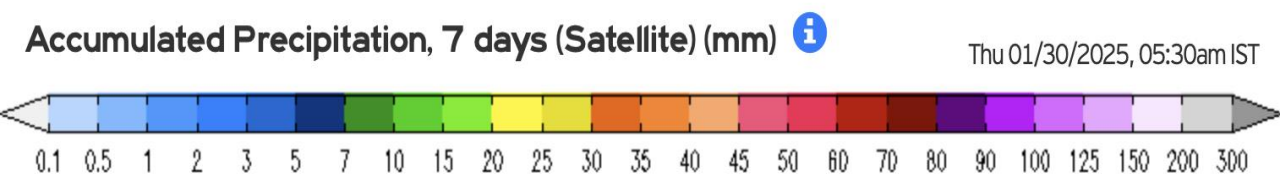
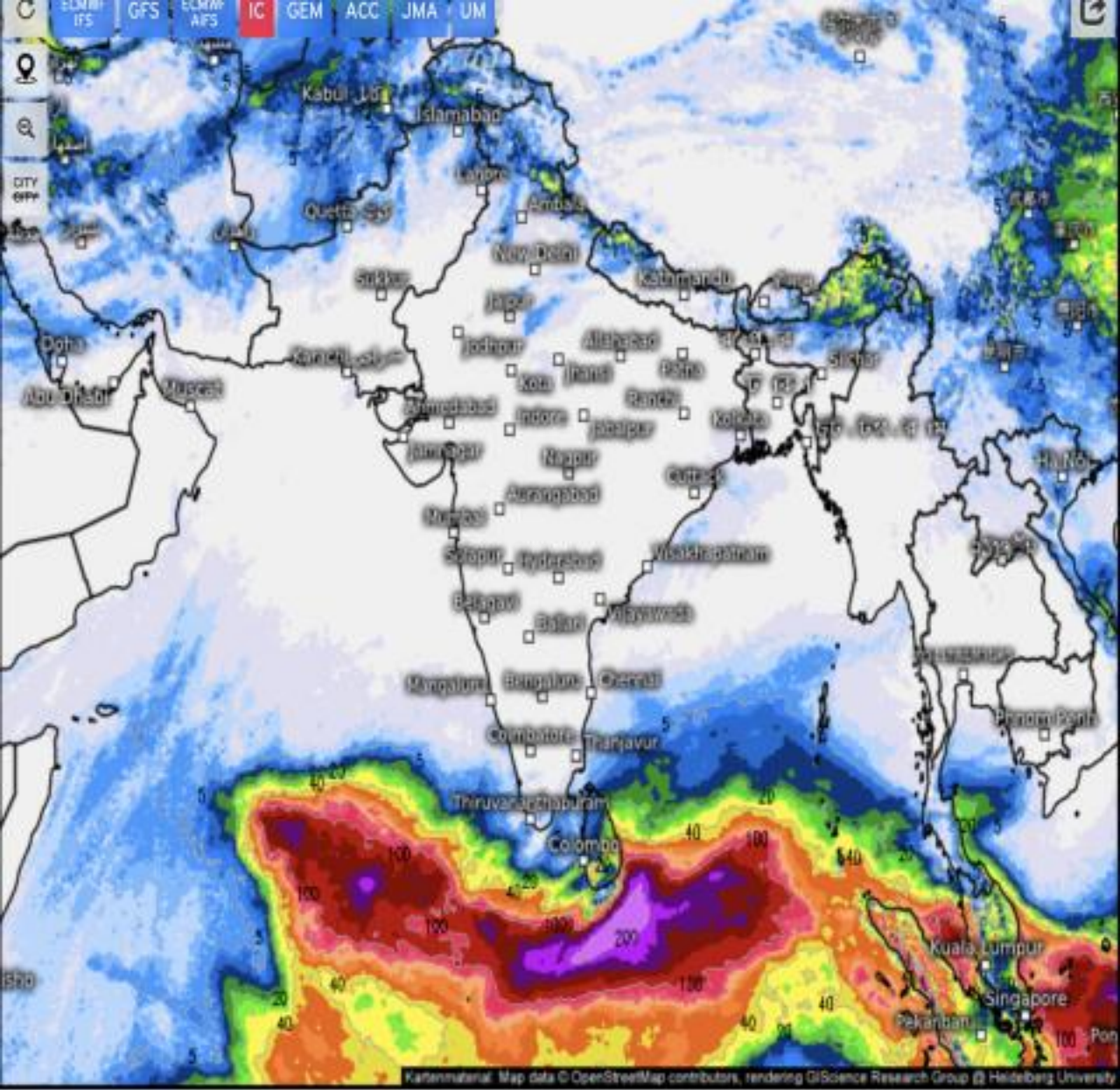
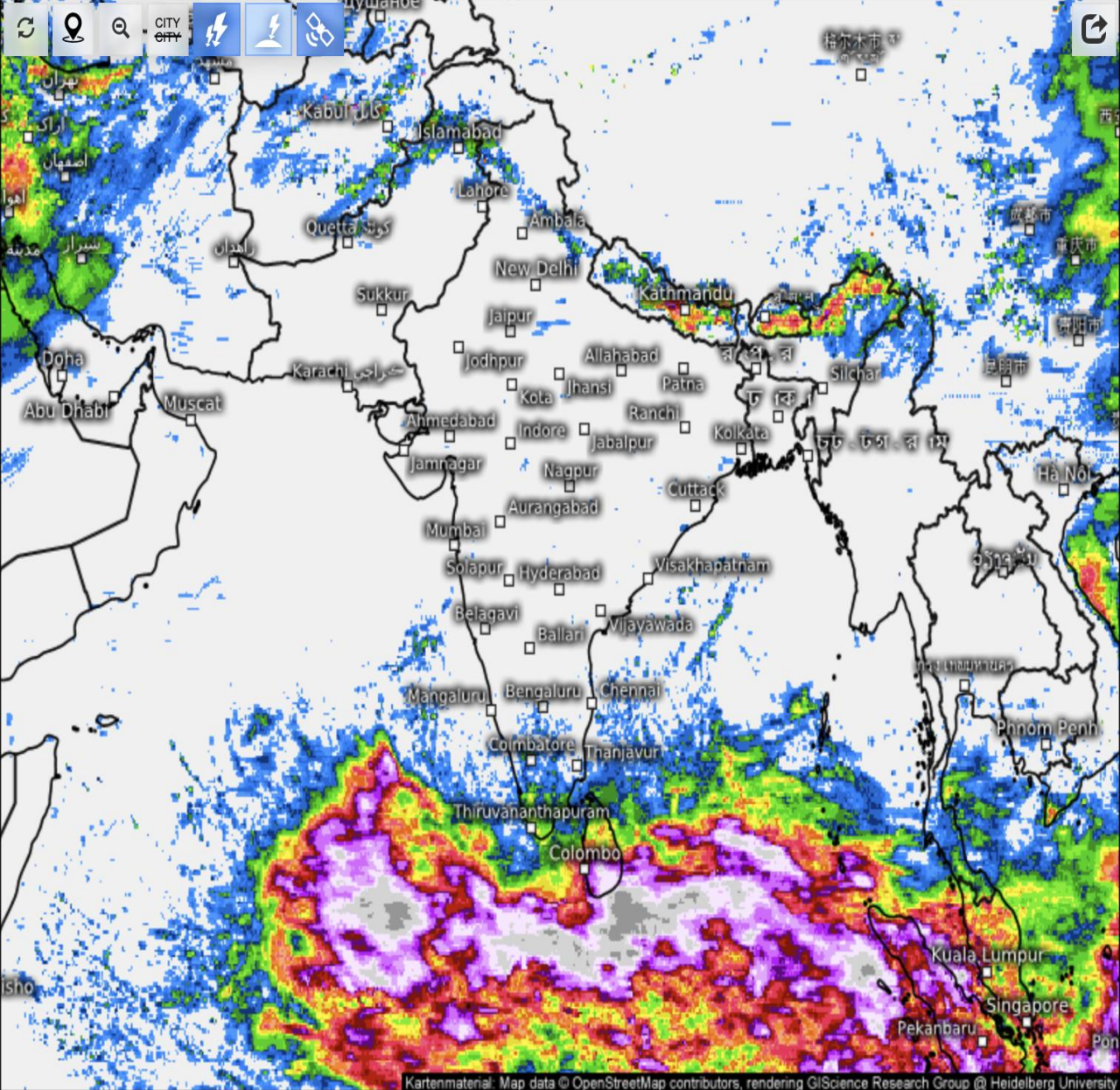
based on 00 UTC of 30-01-2025 valid for 00 UTC of 30-01-2025

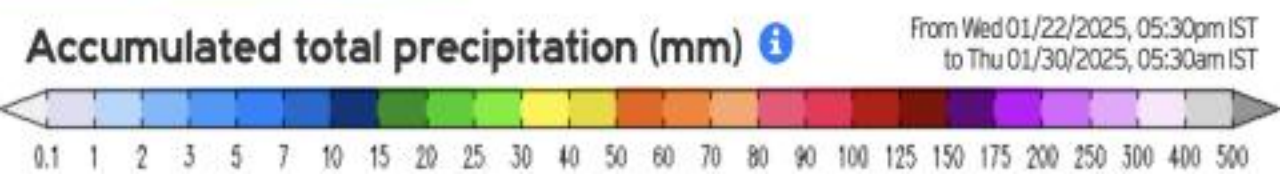
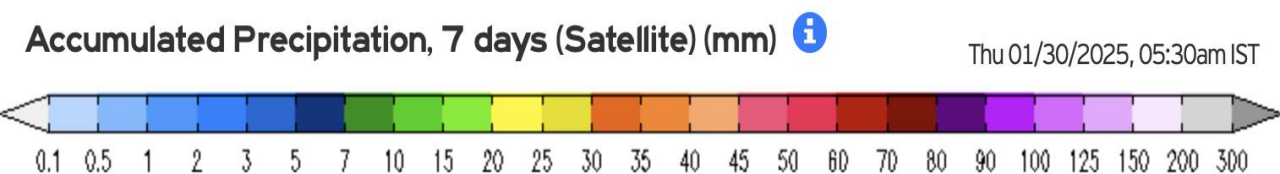
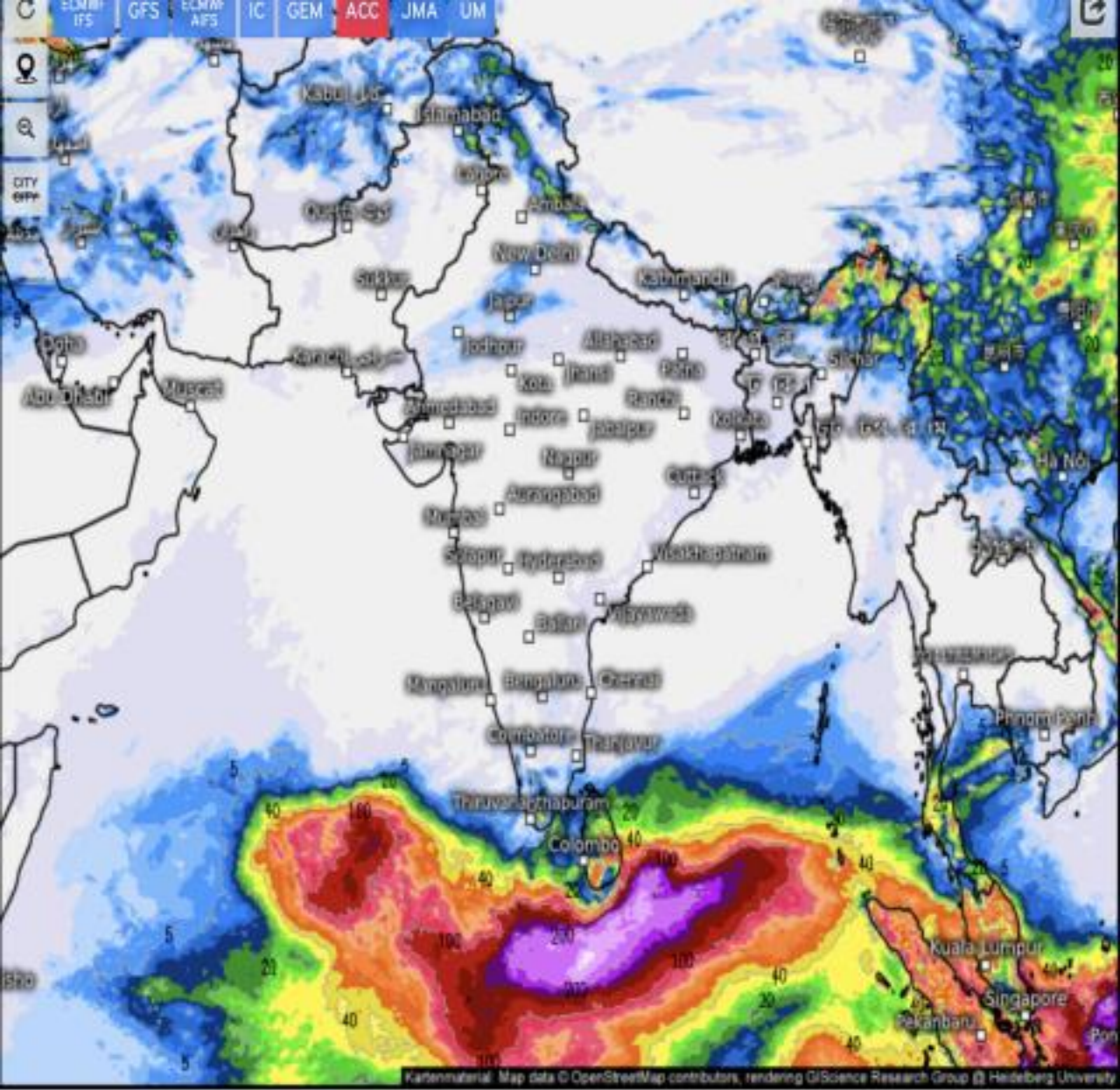
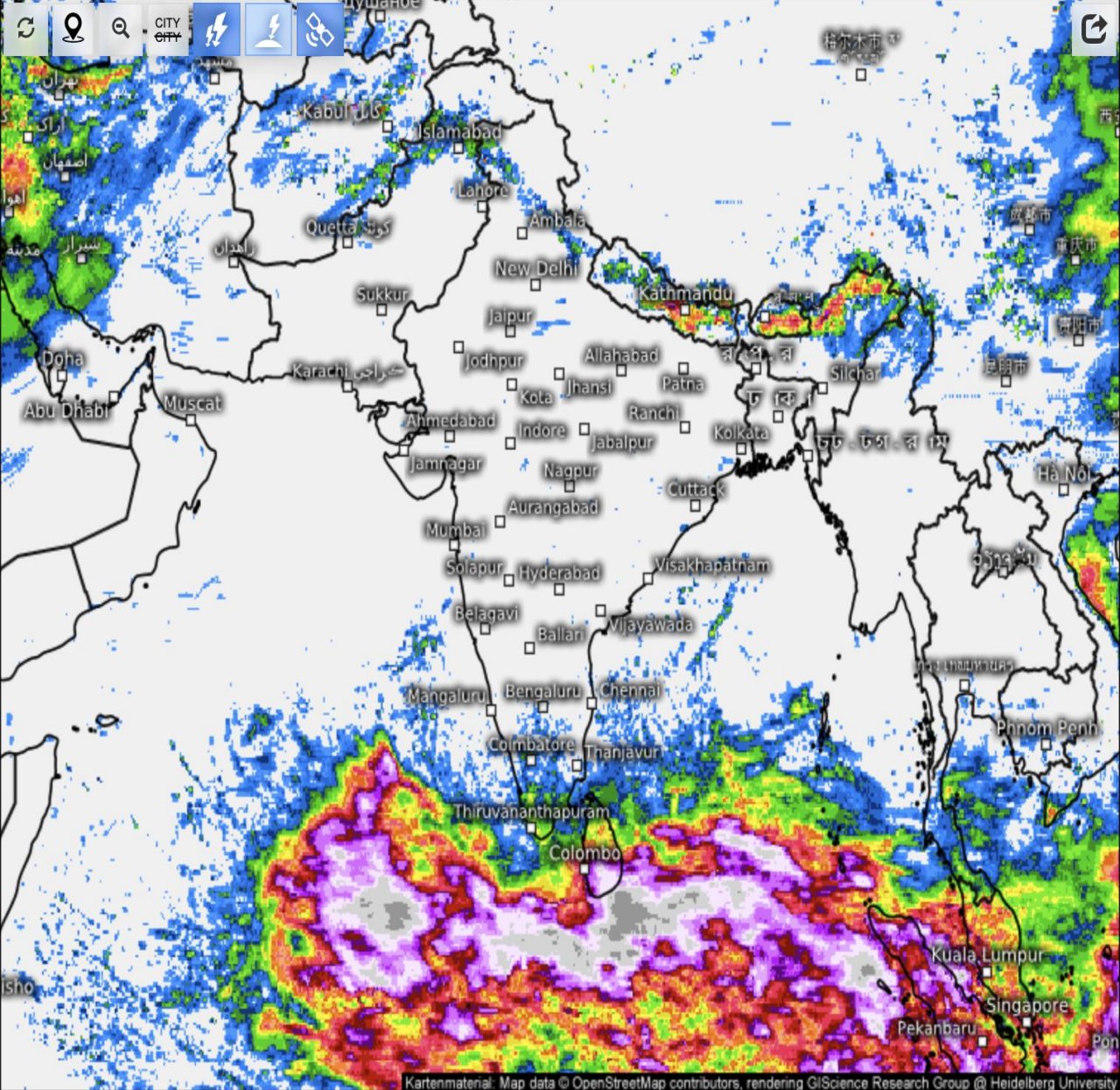


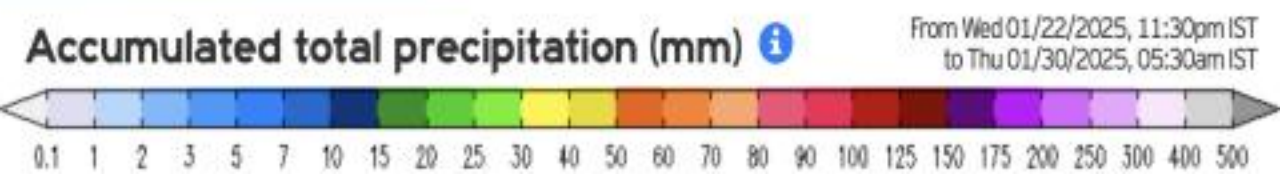
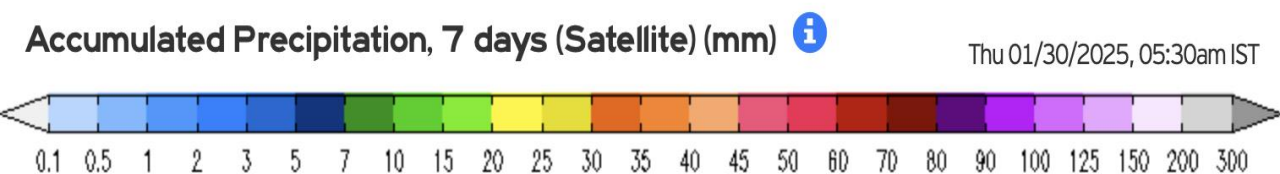
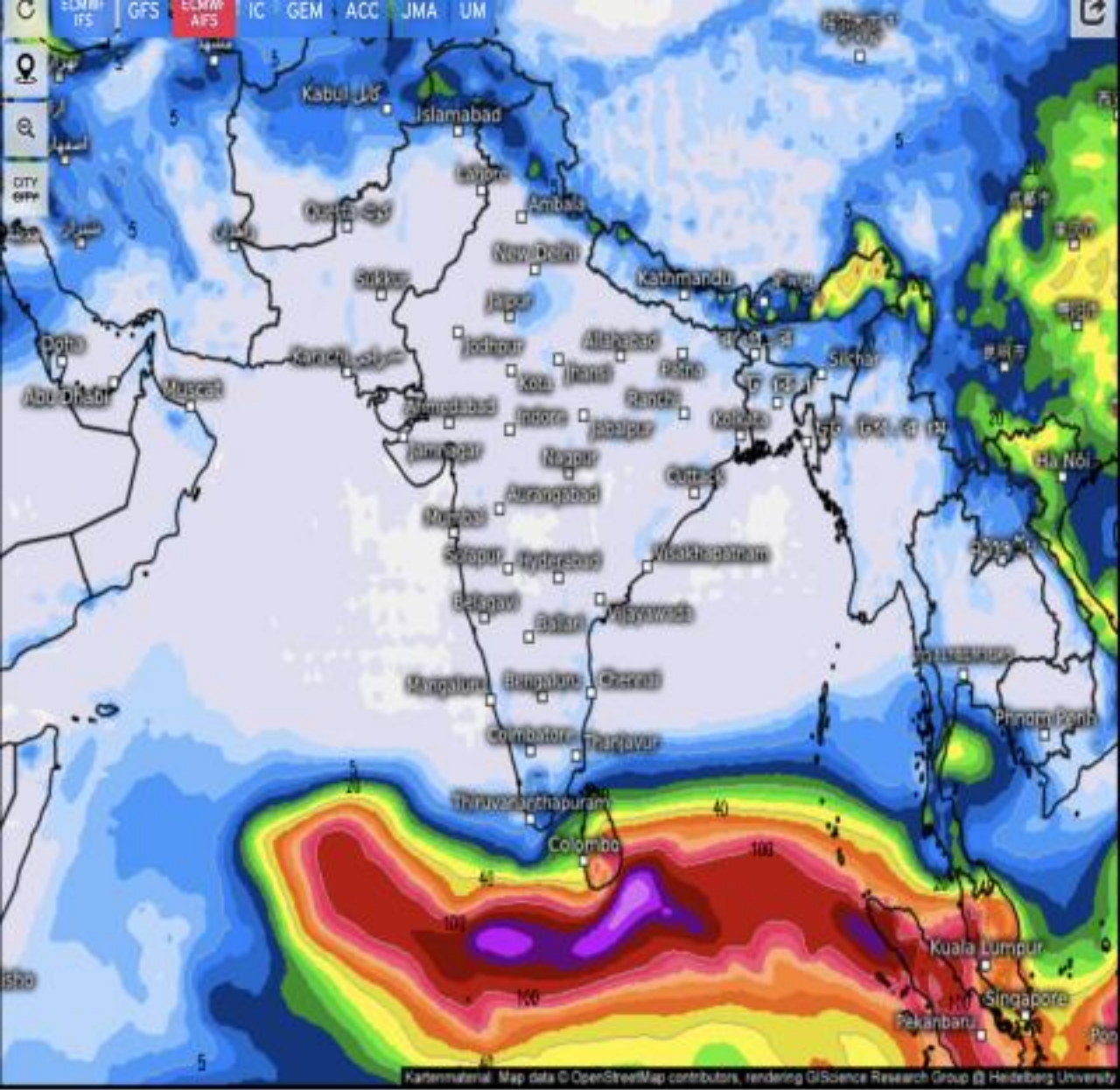
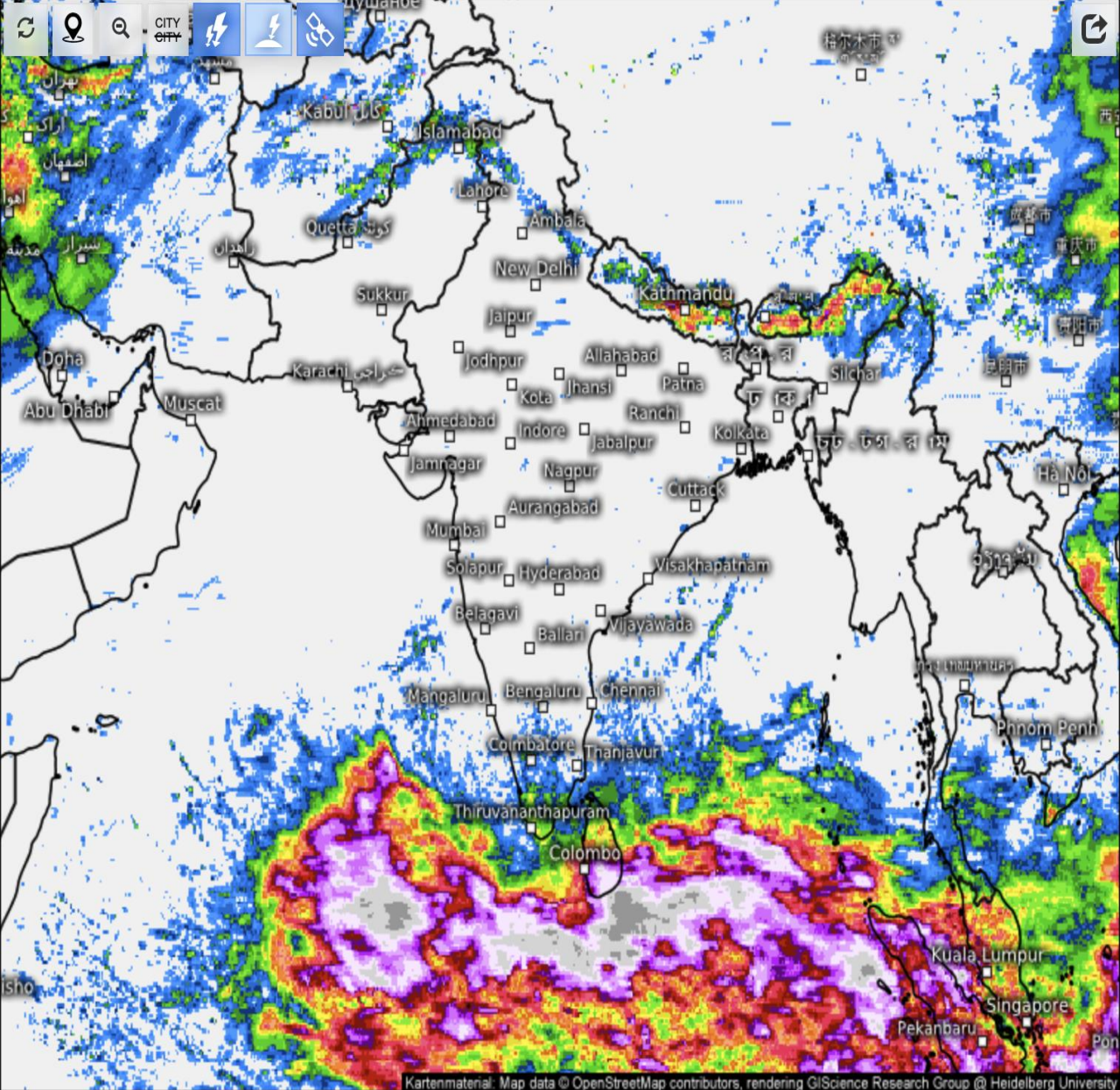
(Background does not depict political boundary)

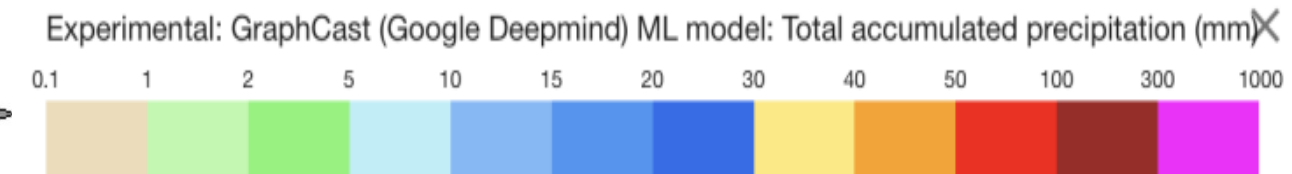
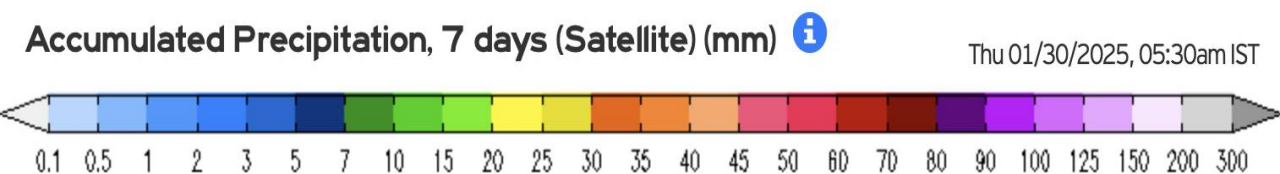
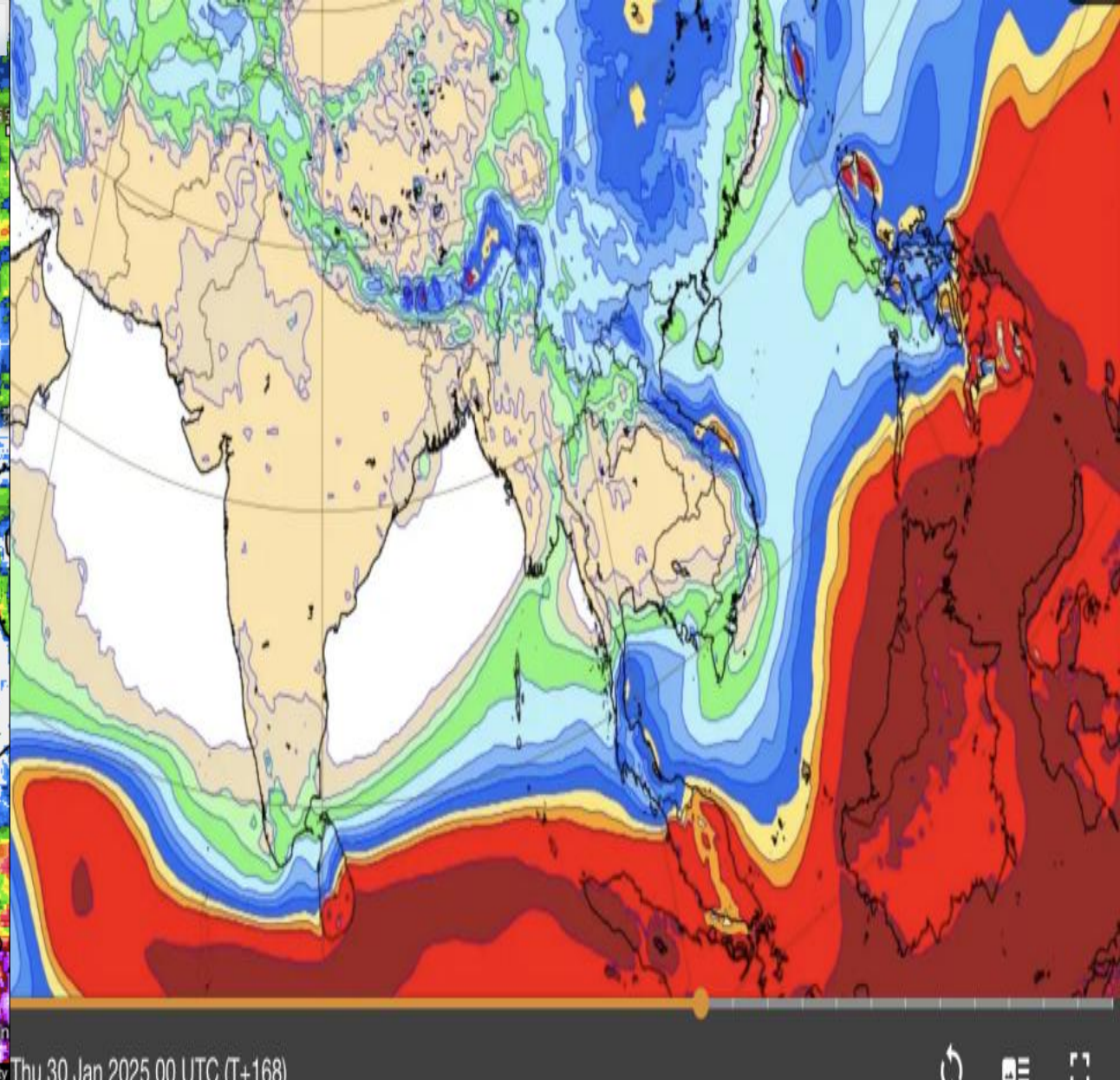
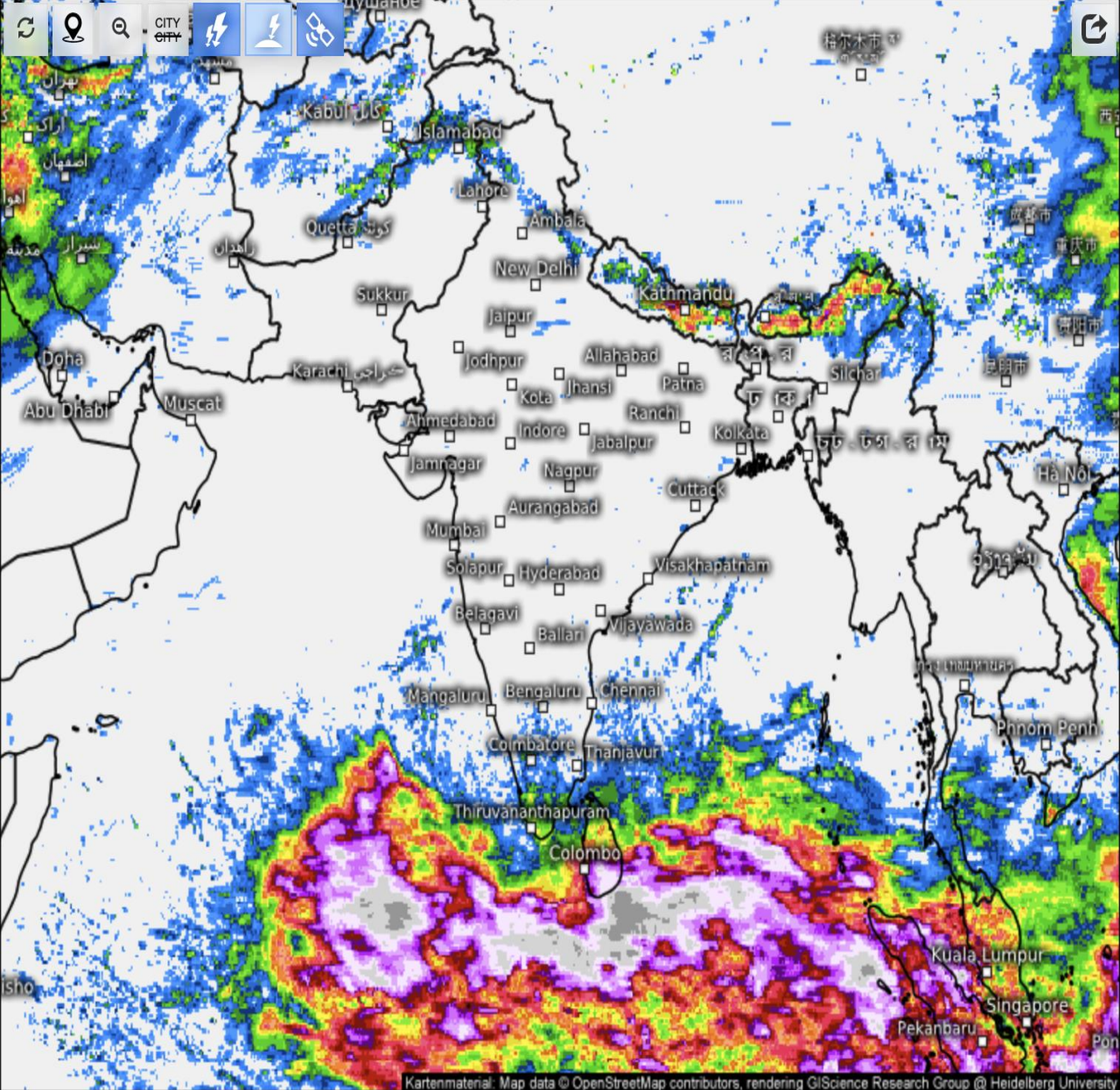




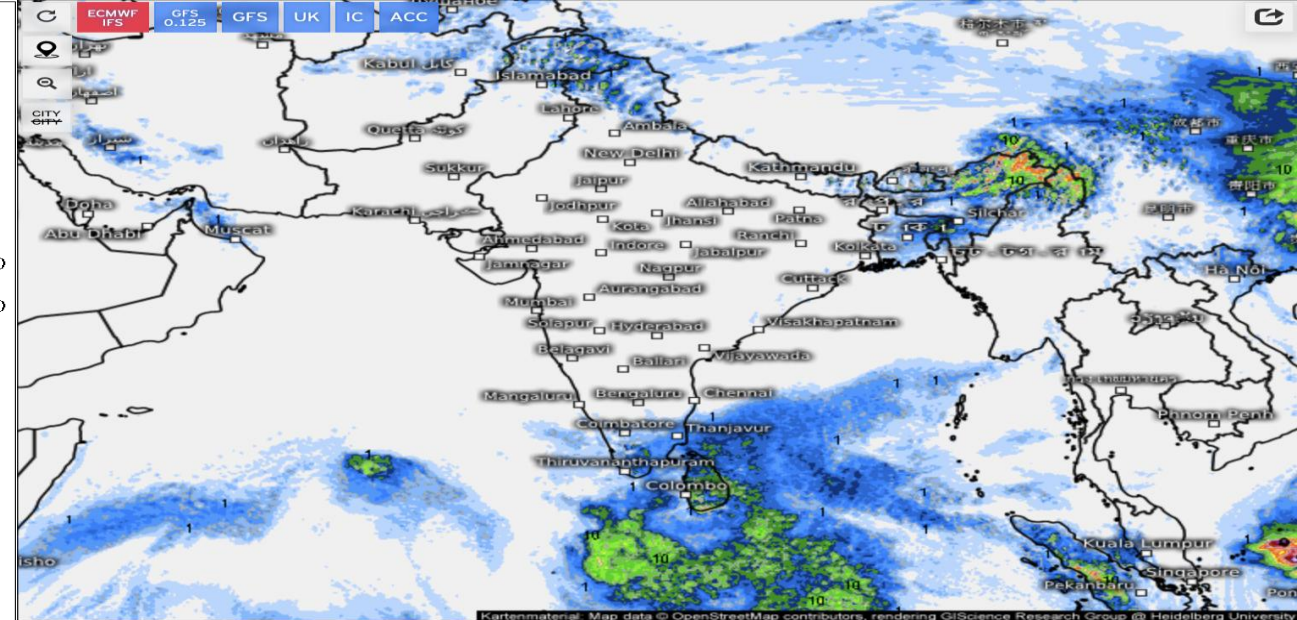
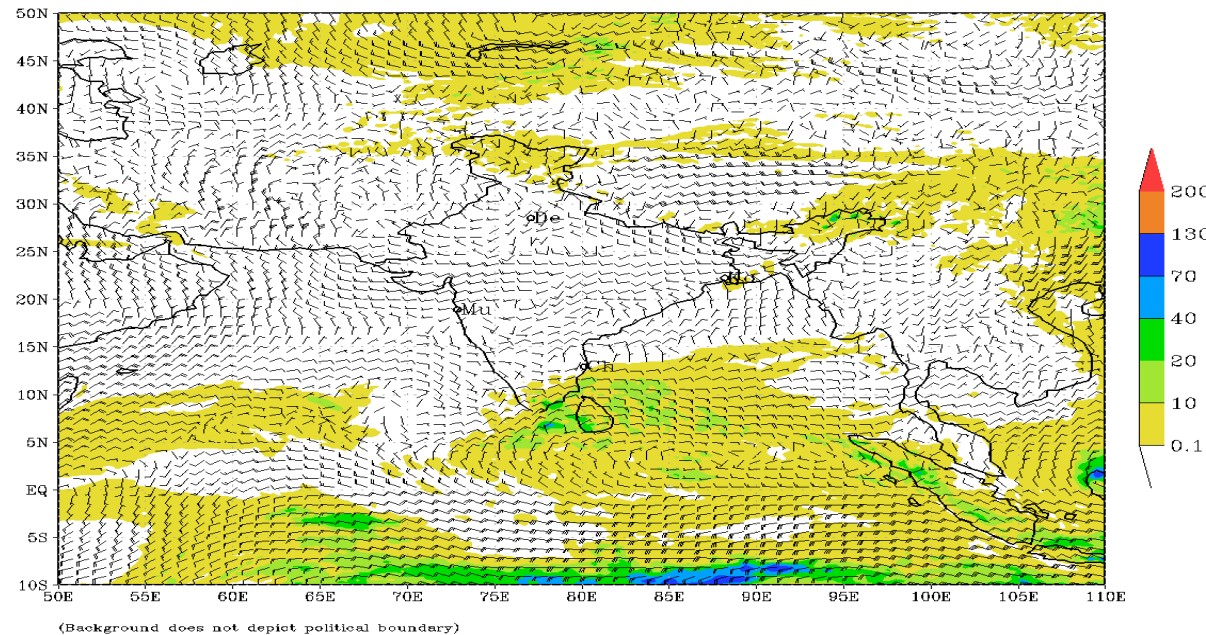






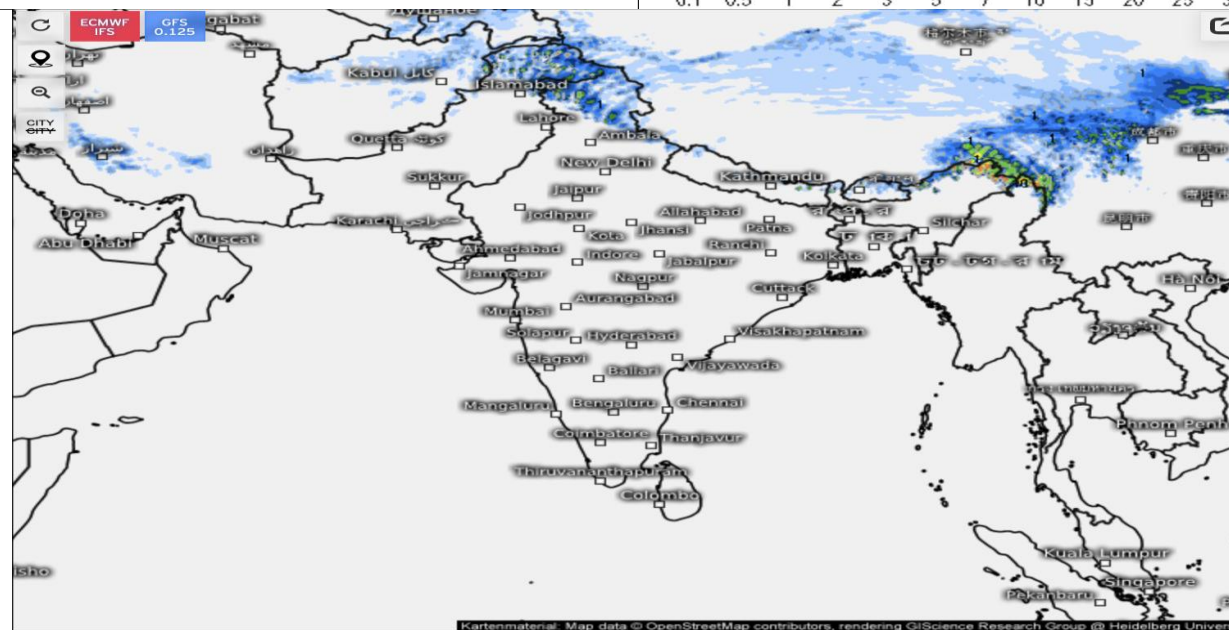


IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (24 HR)
based on 00 UTC of 30-01-2025 valid for 03 UTC of 31-01-2025



Precipitation, 24h (mm)

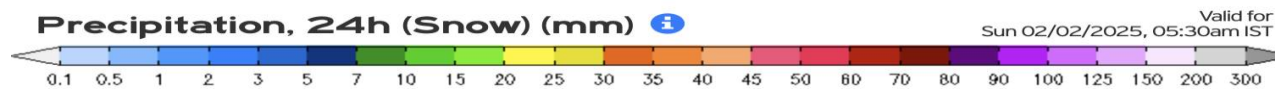
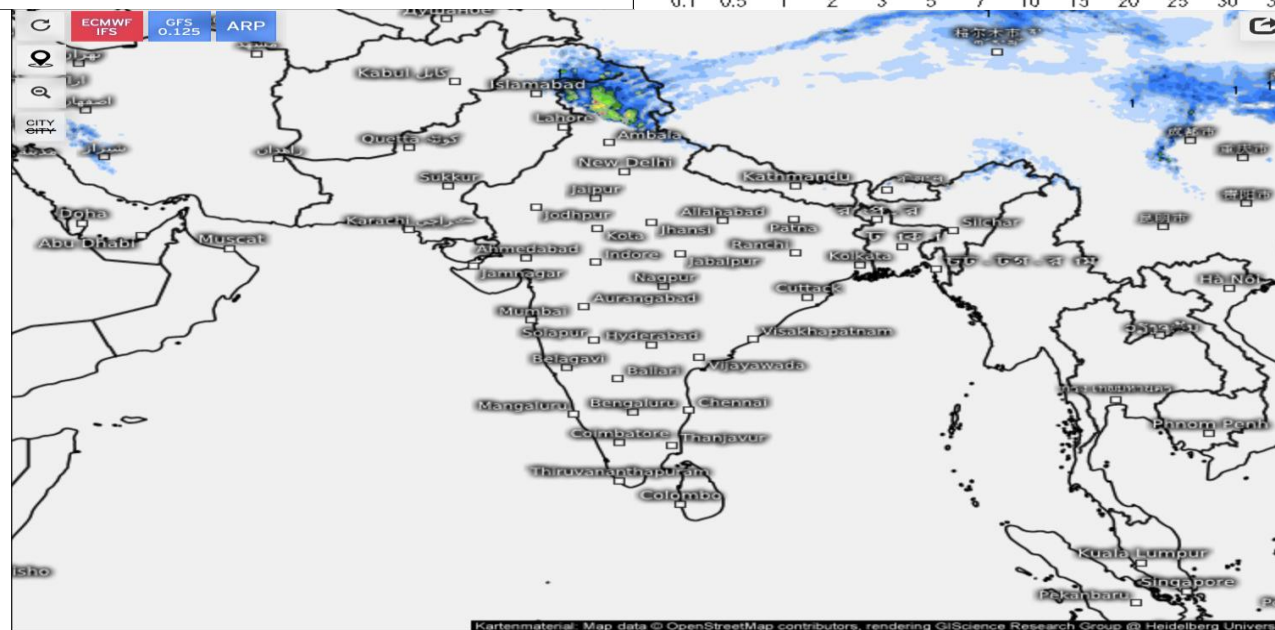
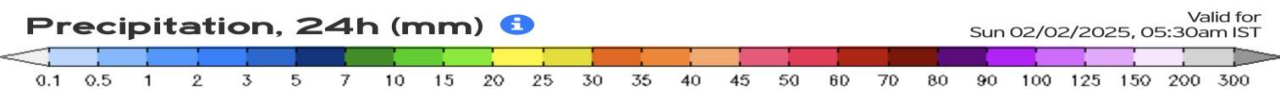
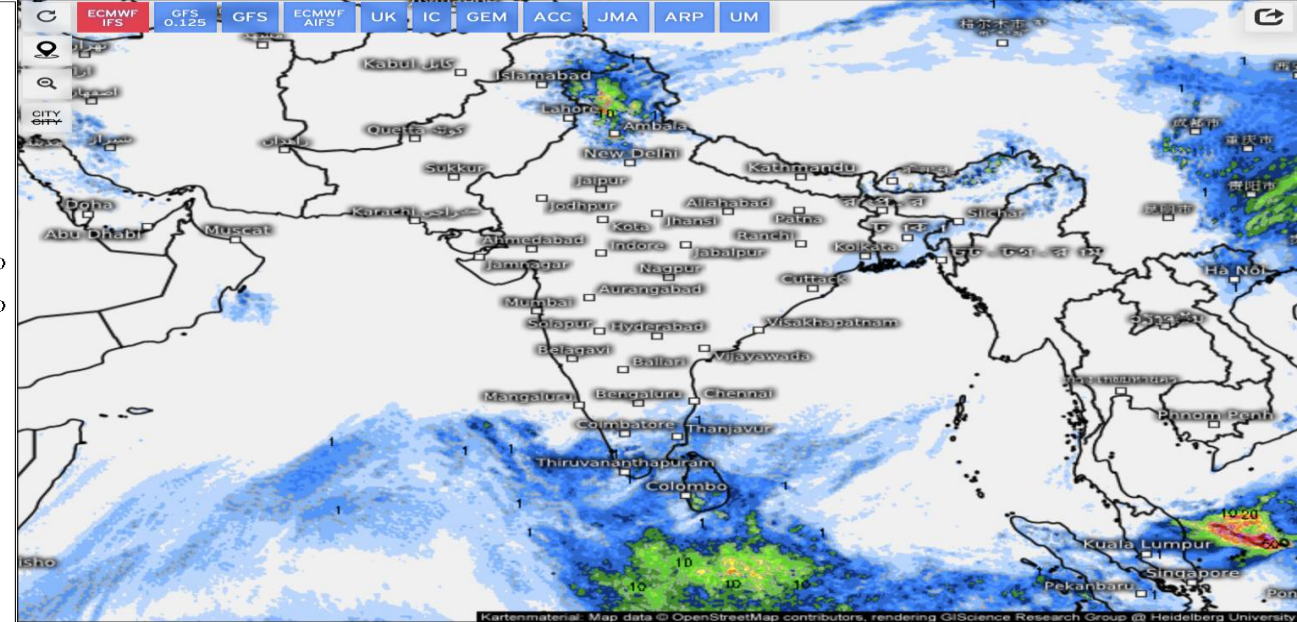
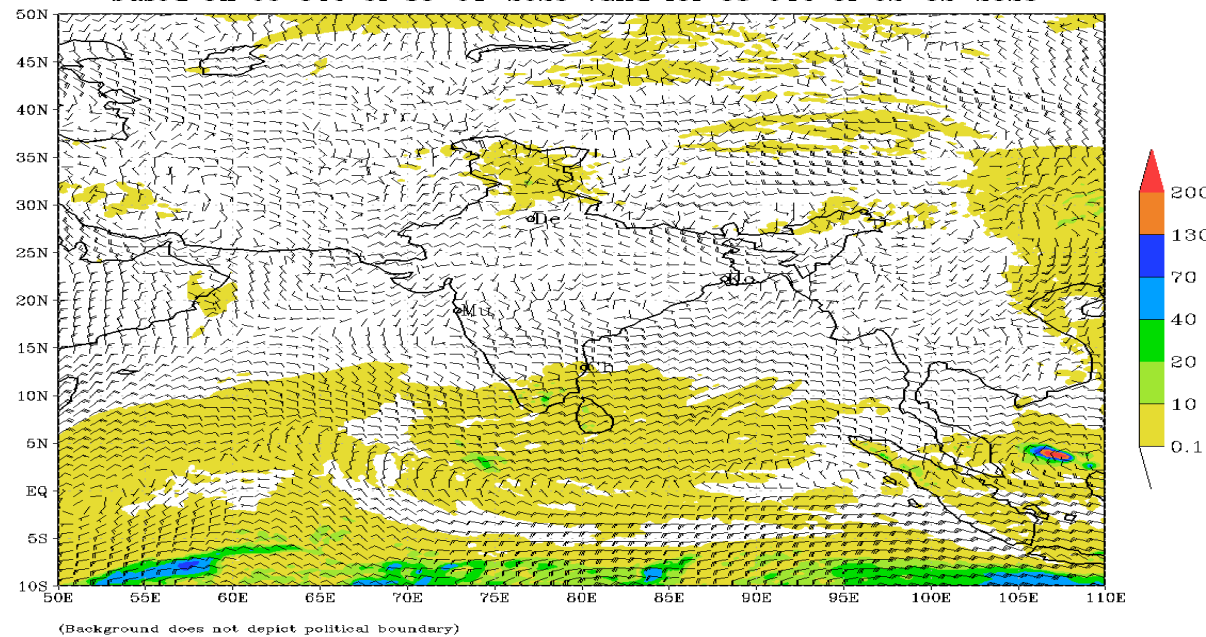
Valid for
Fri 01/31/2025, 12:30pm IST



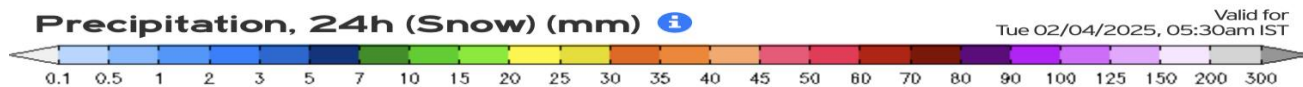
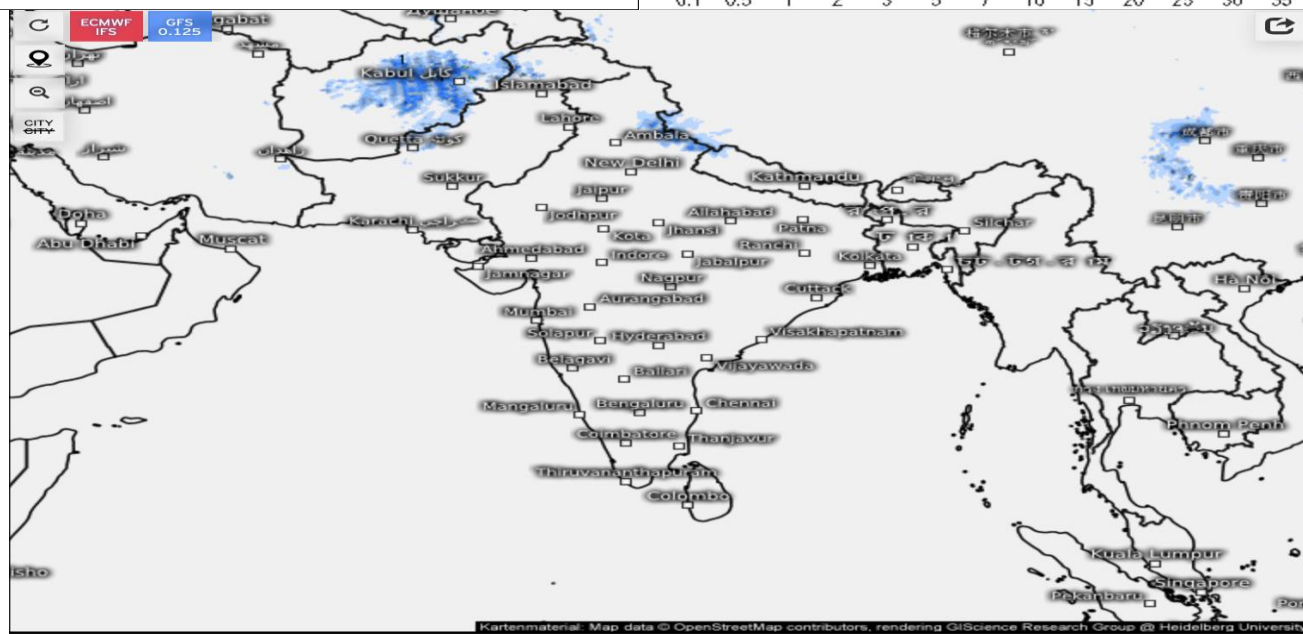
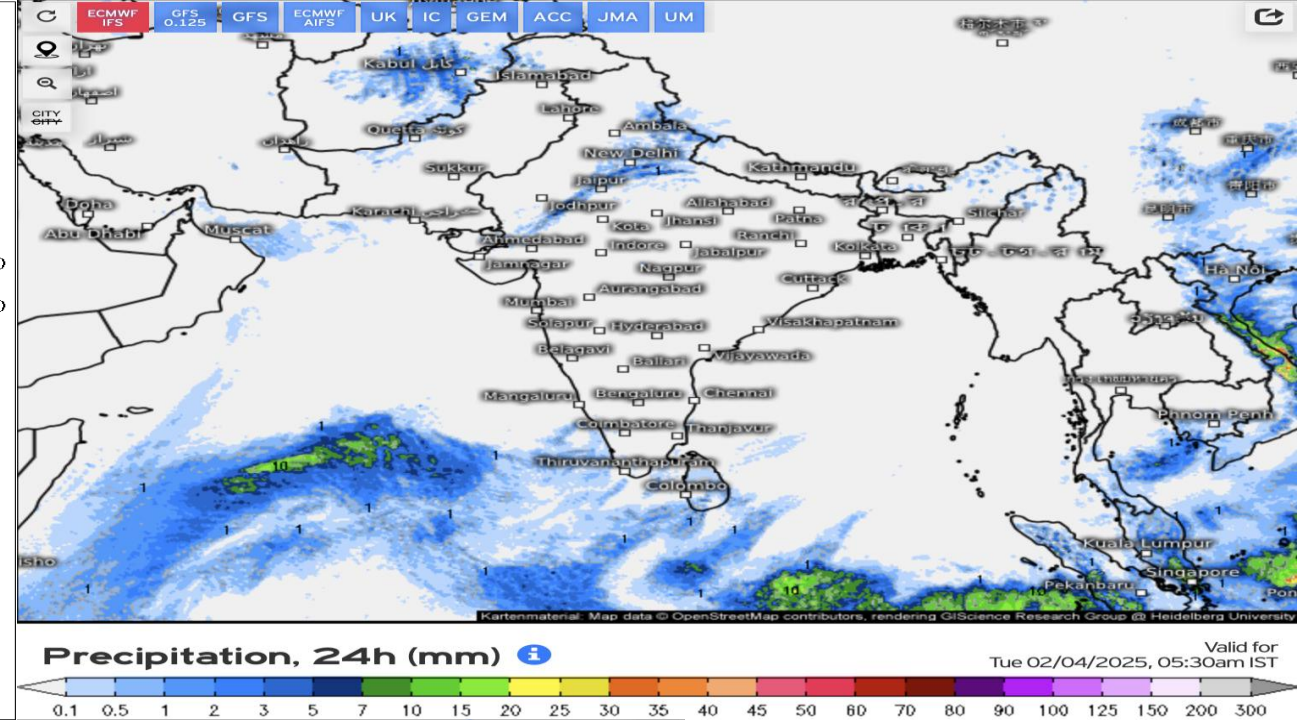
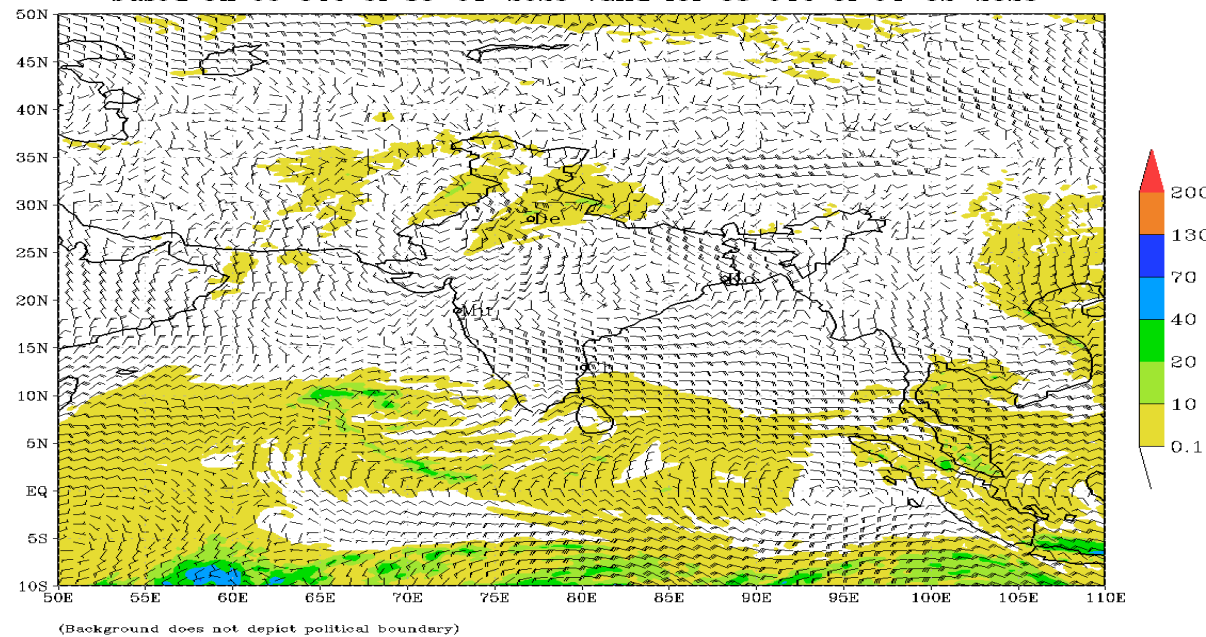
Precipitation, 24h (Snow) (mm)

Valid for
Fri 01/31/2025, 12:30pm IST

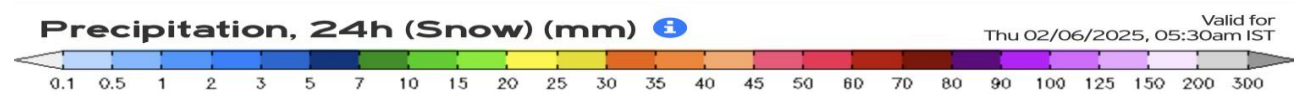
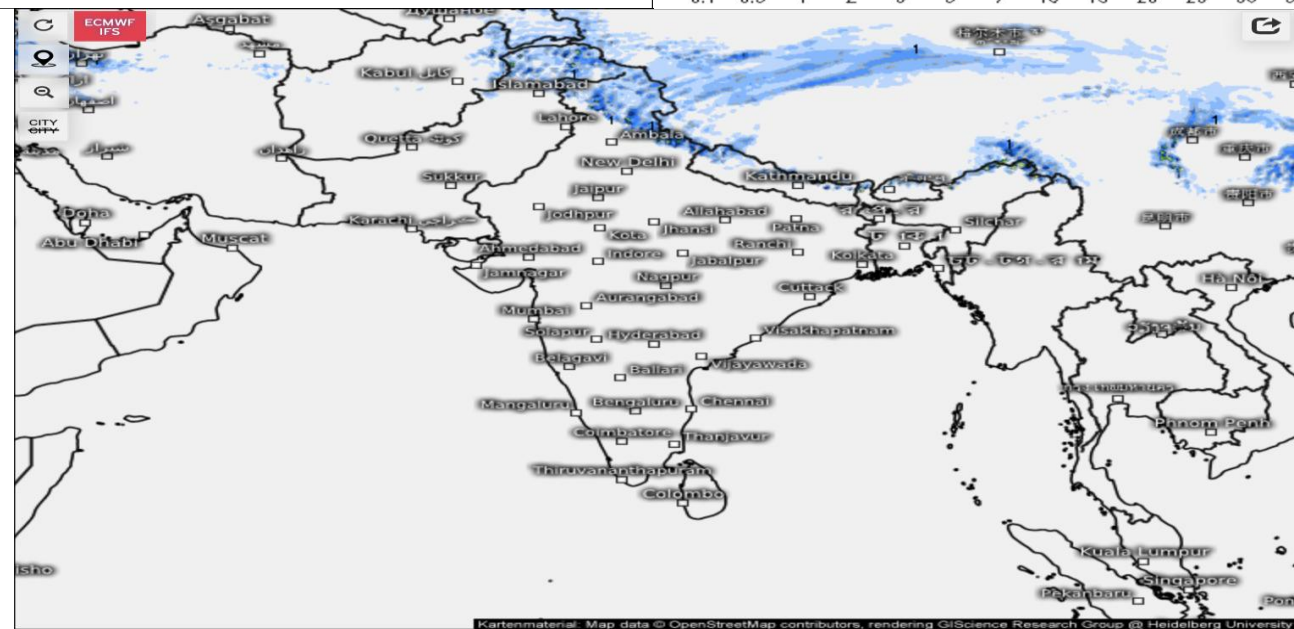
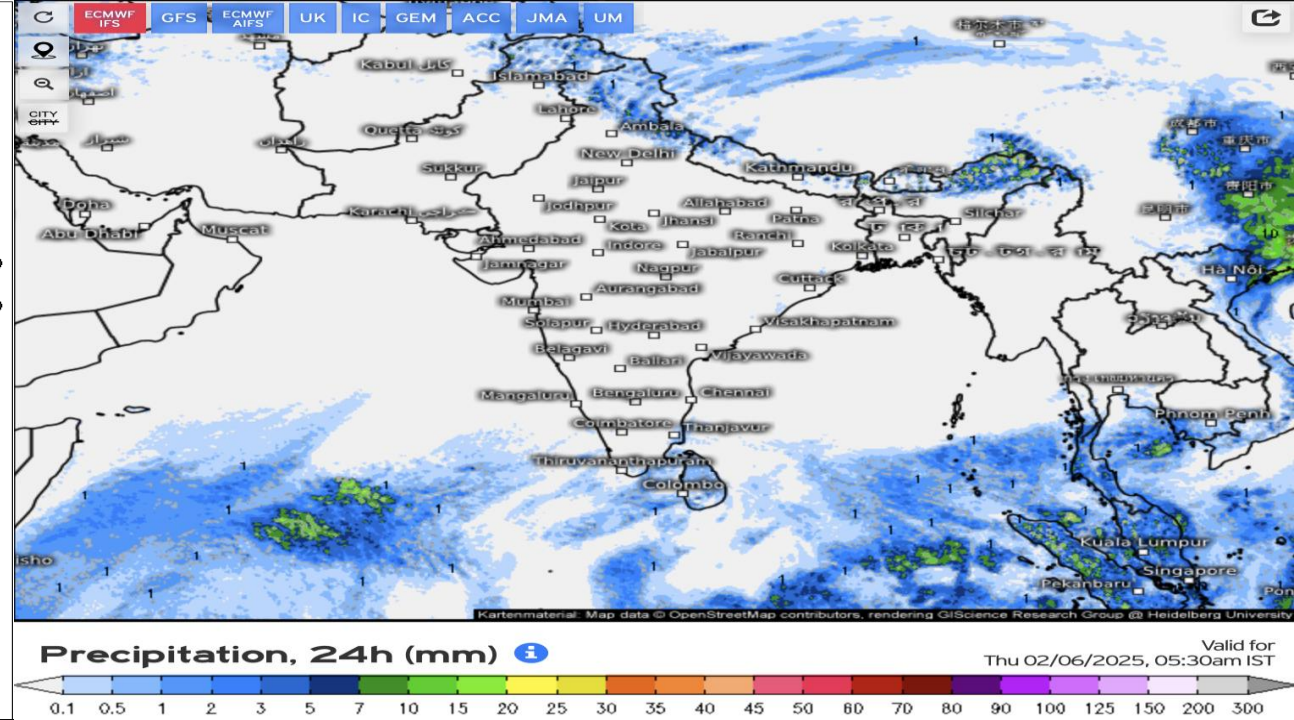
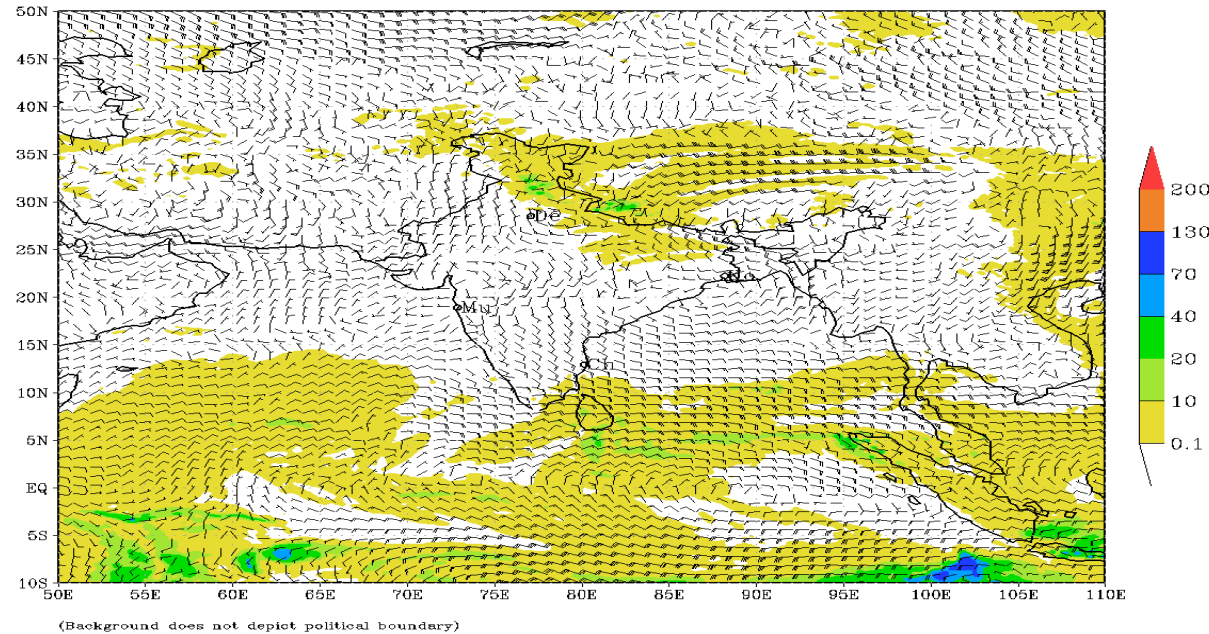
IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (72 HR)
based on 00 UTC of 30-01-2025 valid for 03 UTC of 02-02-2025

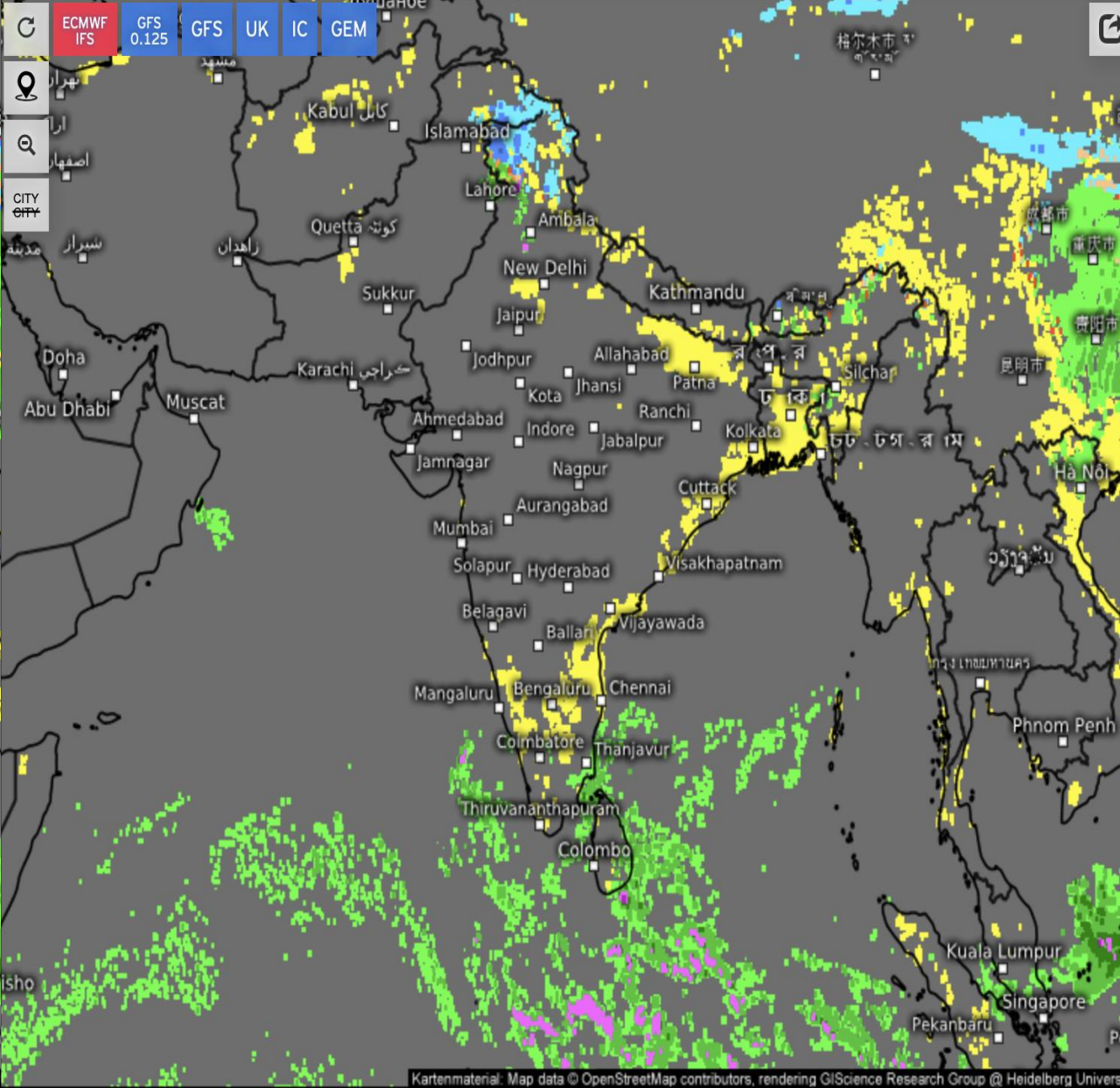
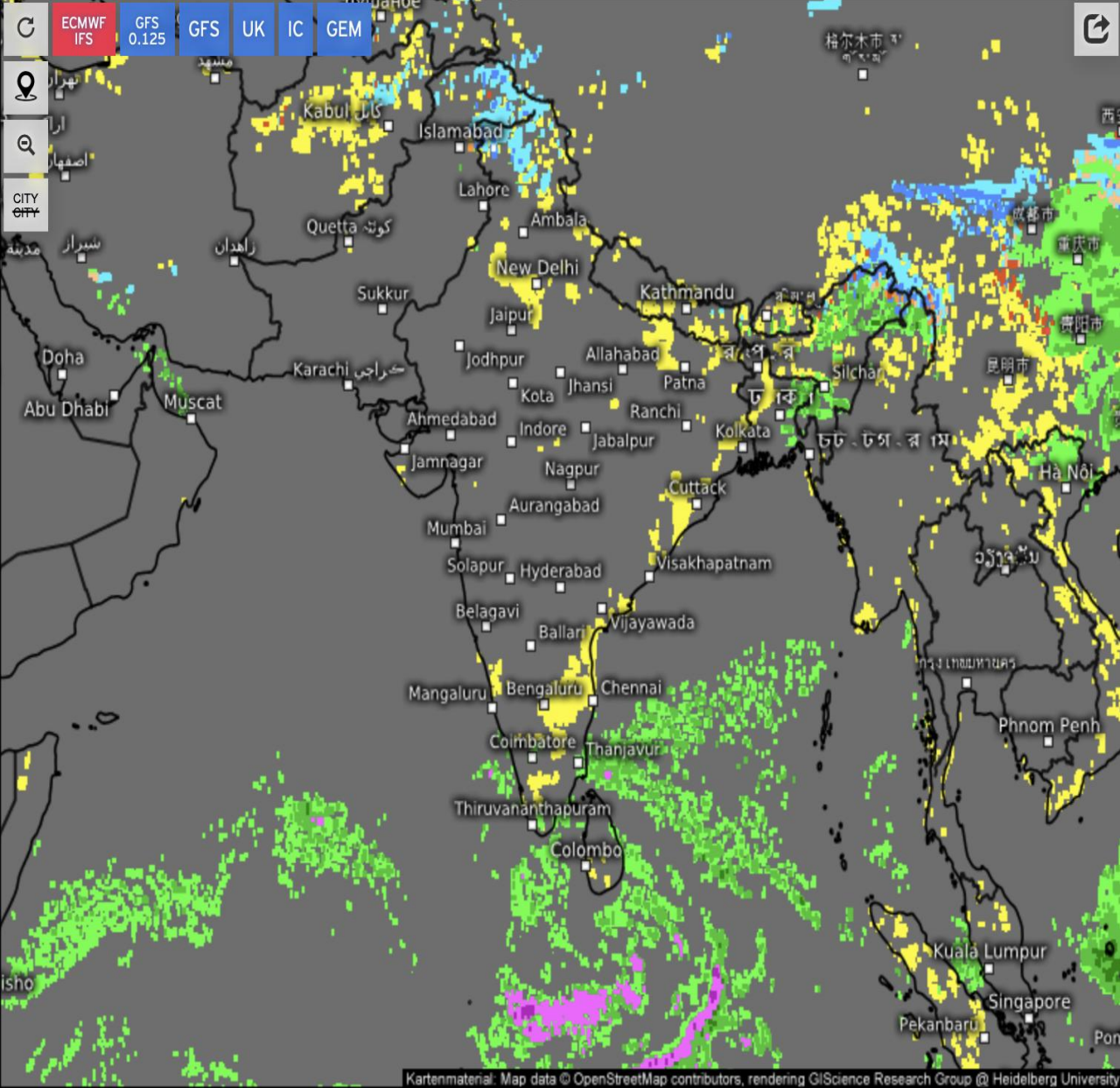


IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (120 HR)
based on 00 UTC of 30-01-2025 valid for 03 UTC of 04-02-2025



IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (168 HR)
based on 00 UTC of 30-01-2025 valid for 03 UTC of 06-02-2025





Significant Weather

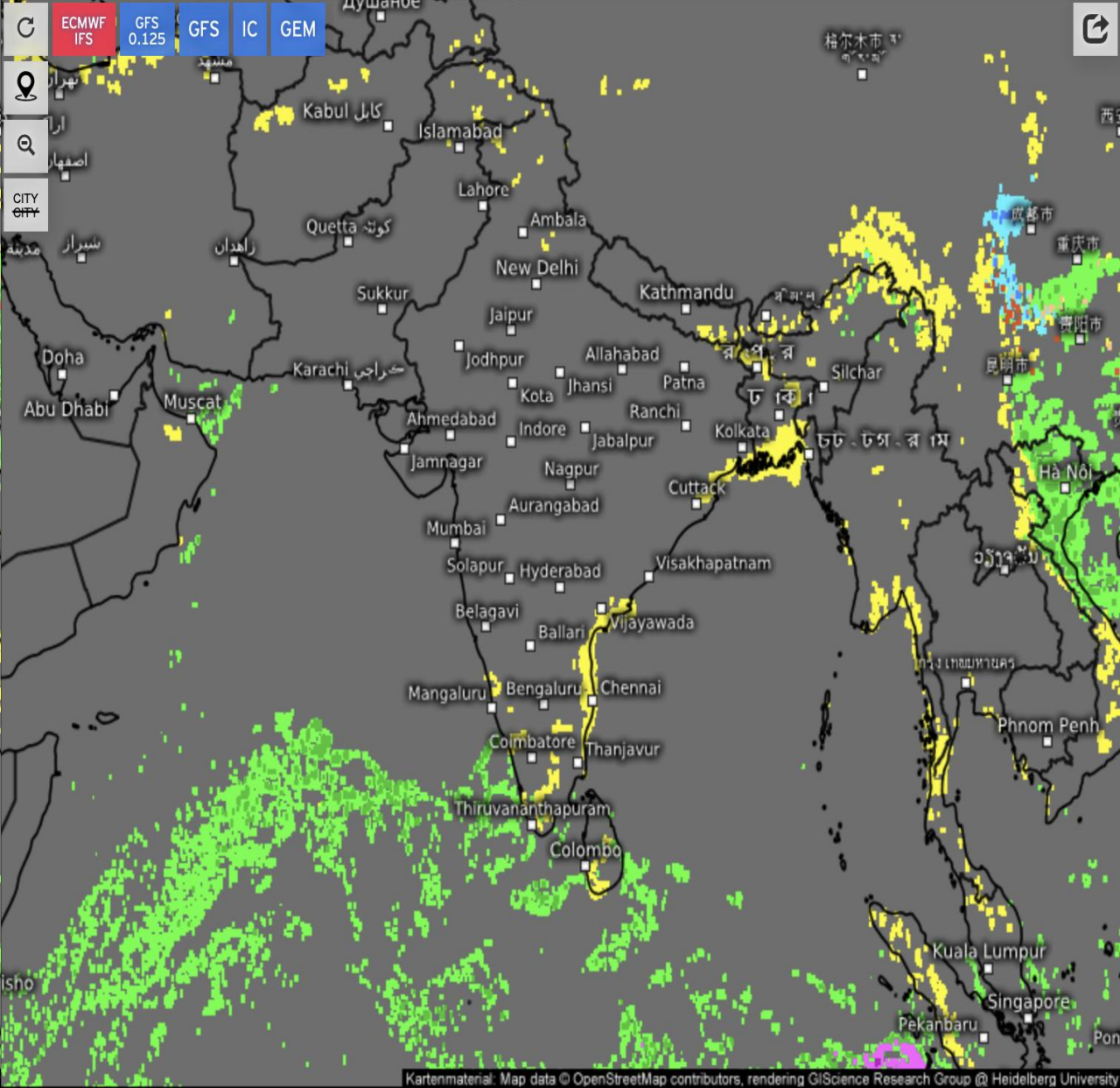
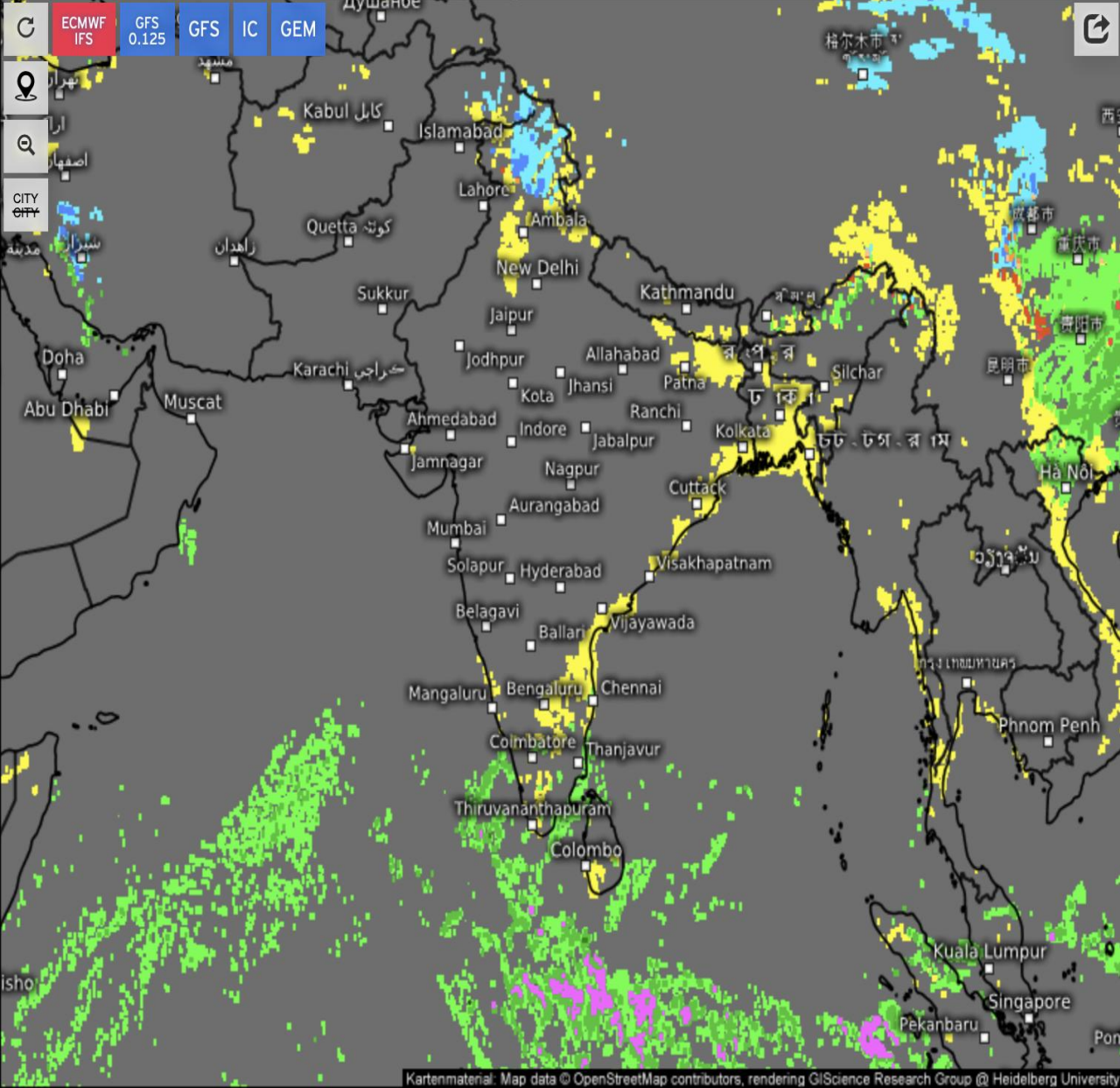
Valid for
Fri 01/31/2025, 05:30am IST

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

Valid for
Sat 02/01/2025, 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

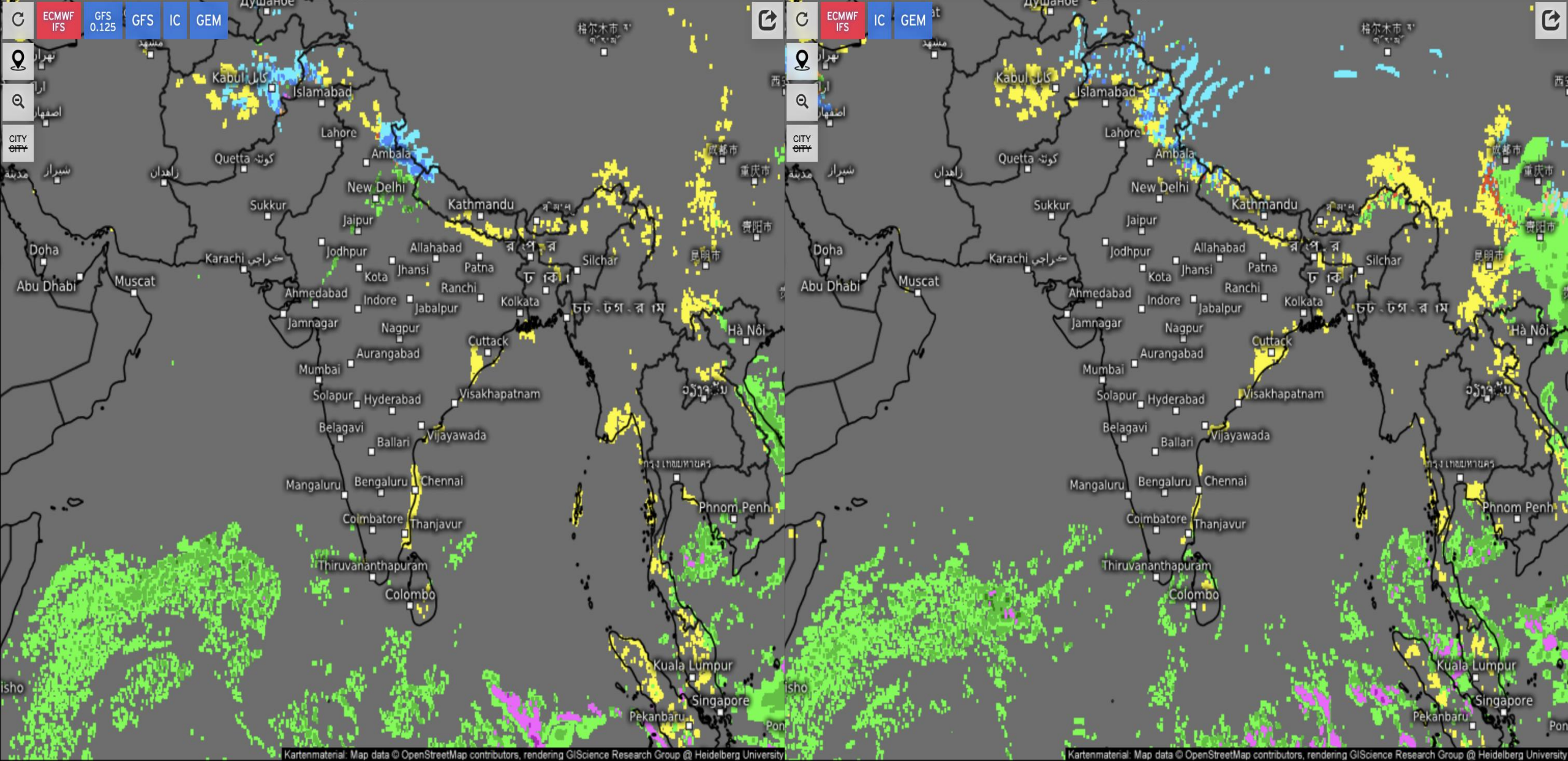
Valid for
Sun 02/02/2025, 05:30am IST

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

Valid for
Mon 02/03/2025, 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

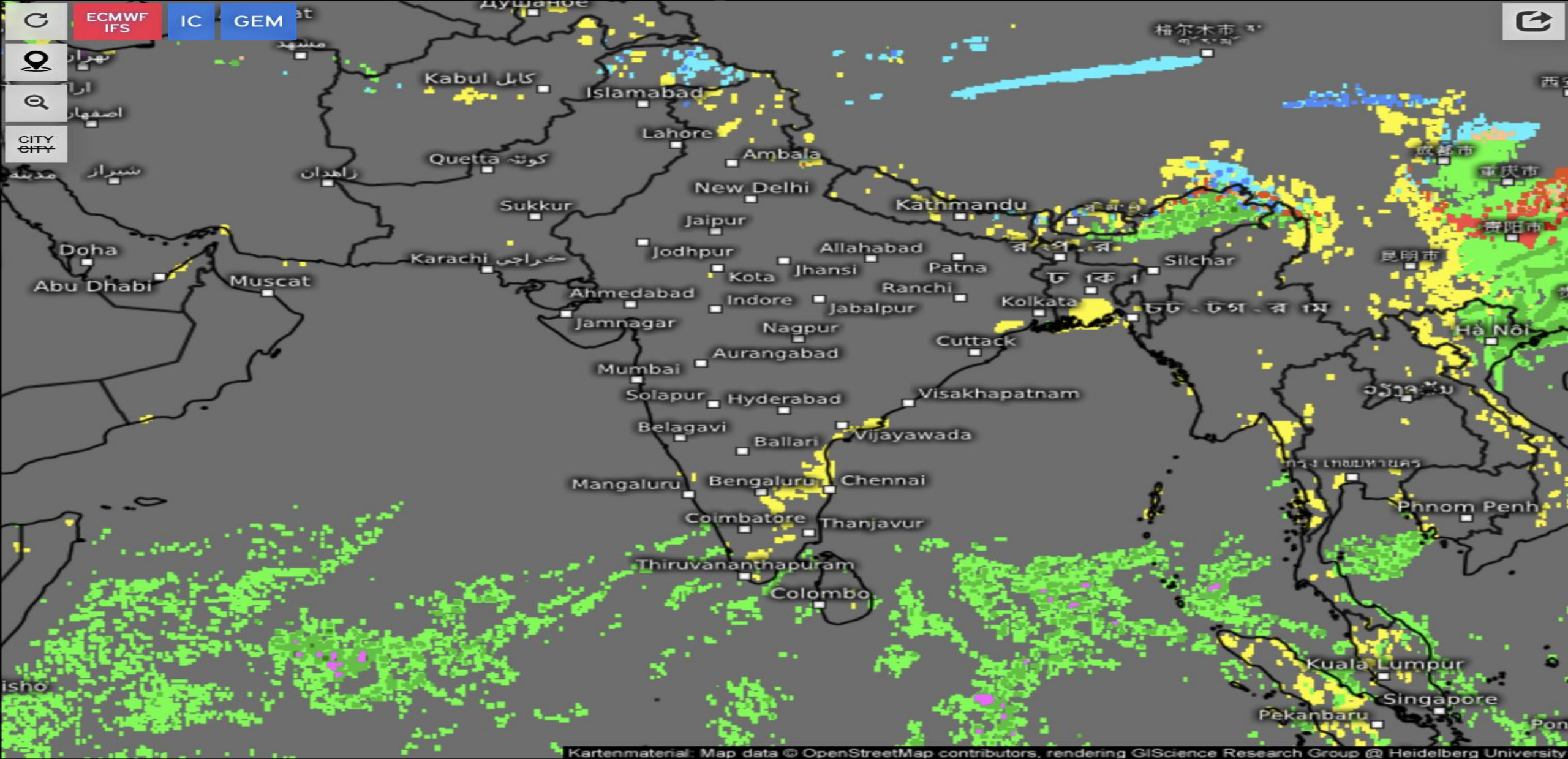
Valid for
Tue 02/04/2025, 05:30am IST

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	

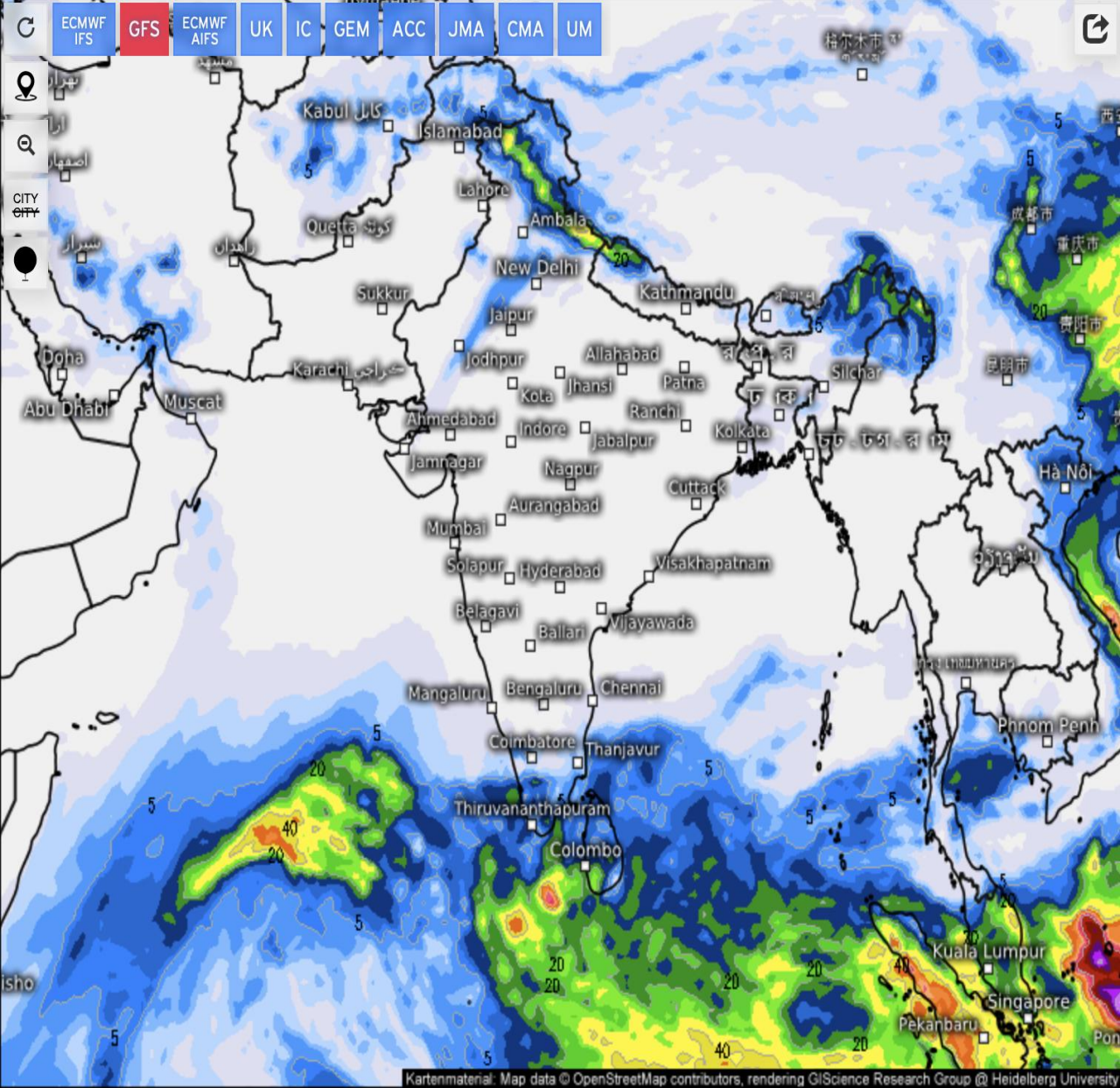
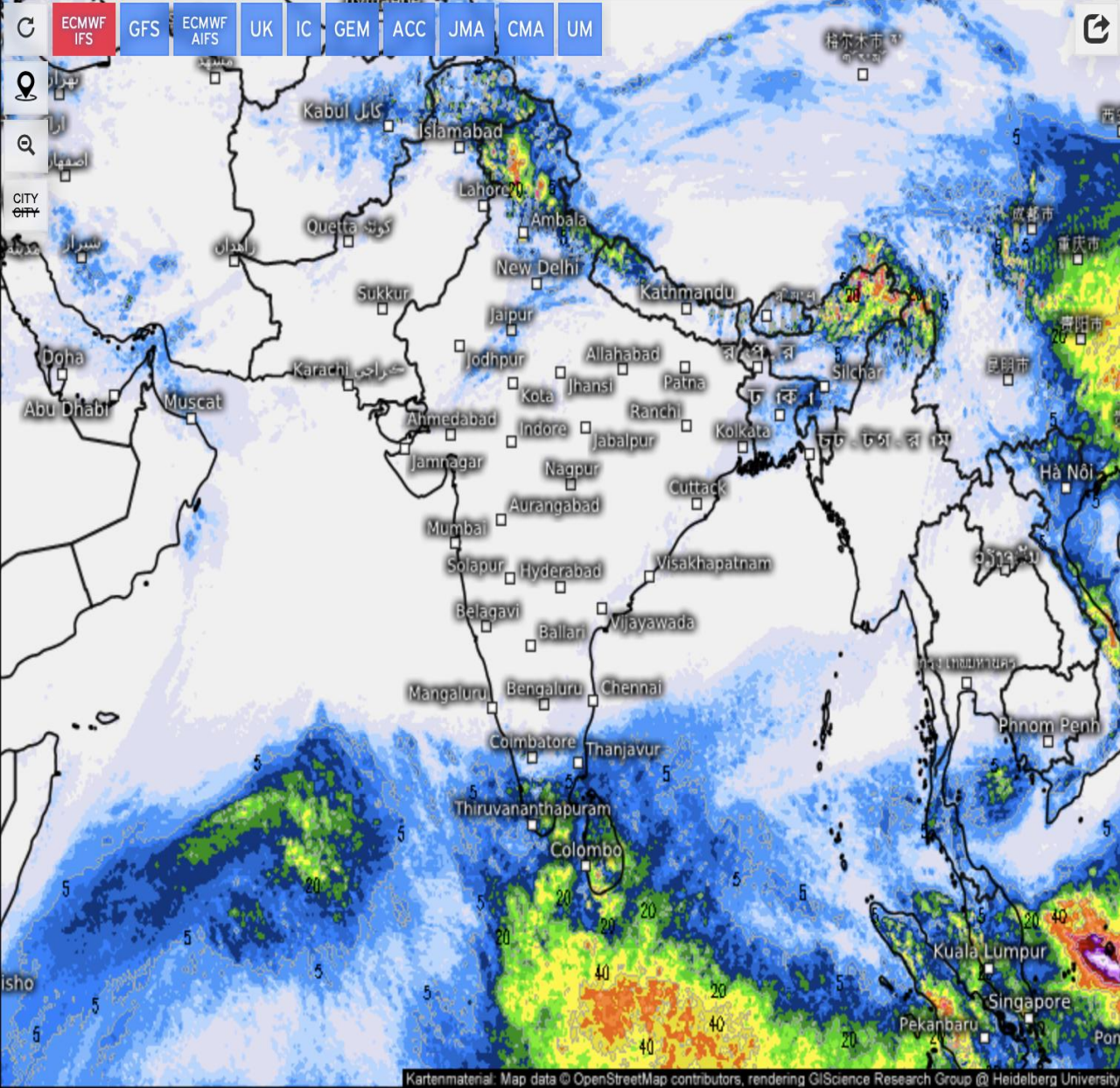
Significant Weather

Valid for
Wed 02/05/2025, 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	

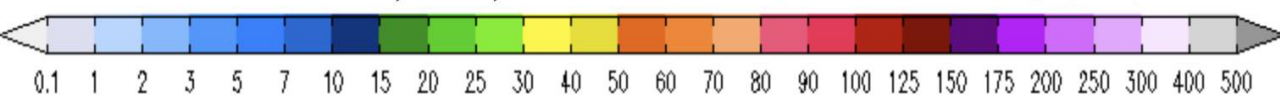


Fog	Fog freezing	Rain light	Rain moderate	Rain heavy	Thunderstorm nearby	Thunderstorm light/moderate	Thunderstorm severe
Mixed Rain/Snow light	Mixed Rain/Snow moderate/heavy	Snow light	Snow moderate	Snow heavy	Ice light	Ice moderate/heavy	



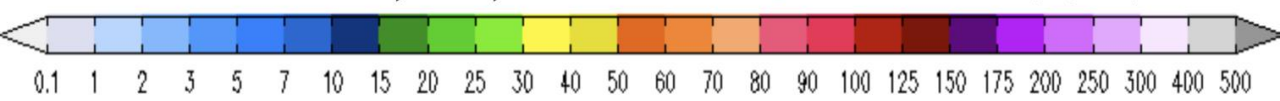
Accumulated total precipitation (mm)

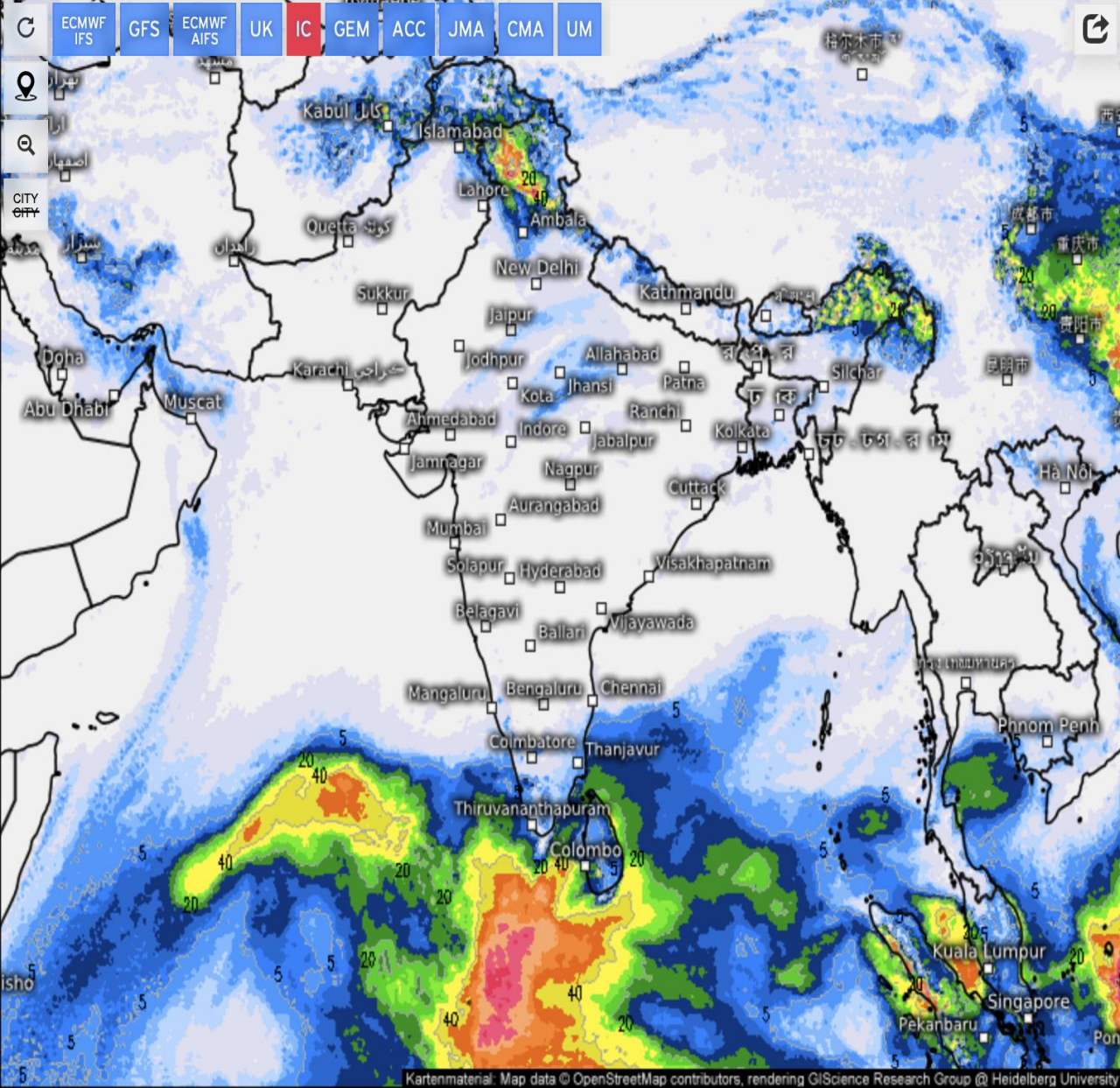
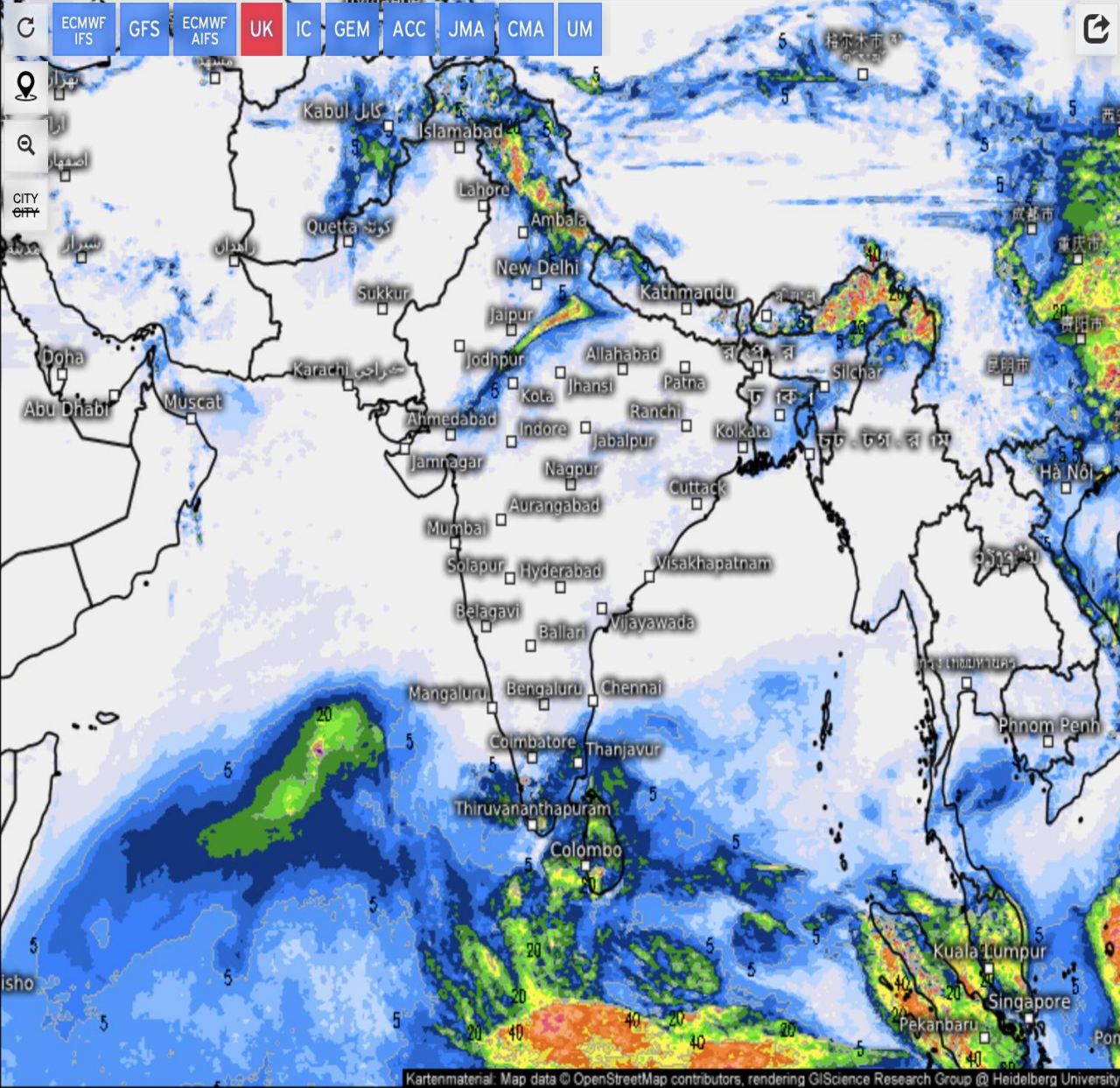
From Thu 01/30/2025, 05:30am IST
to Thu 02/06/2025, 05:30am IST



Accumulated total precipitation (mm)

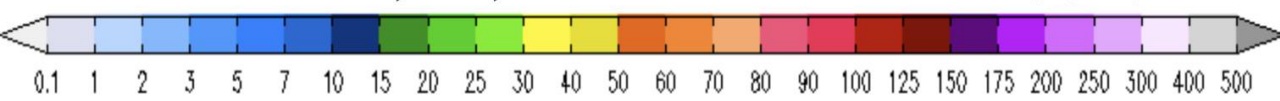
From Thu 01/30/2025, 05:30am IST
to Thu 02/06/2025, 05:30am IST





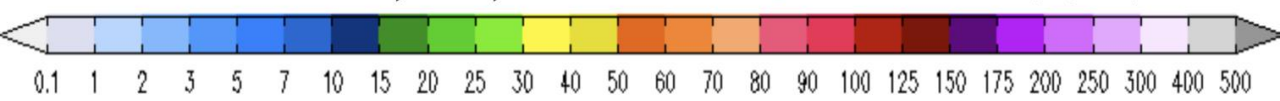
Accumulated total precipitation (mm)

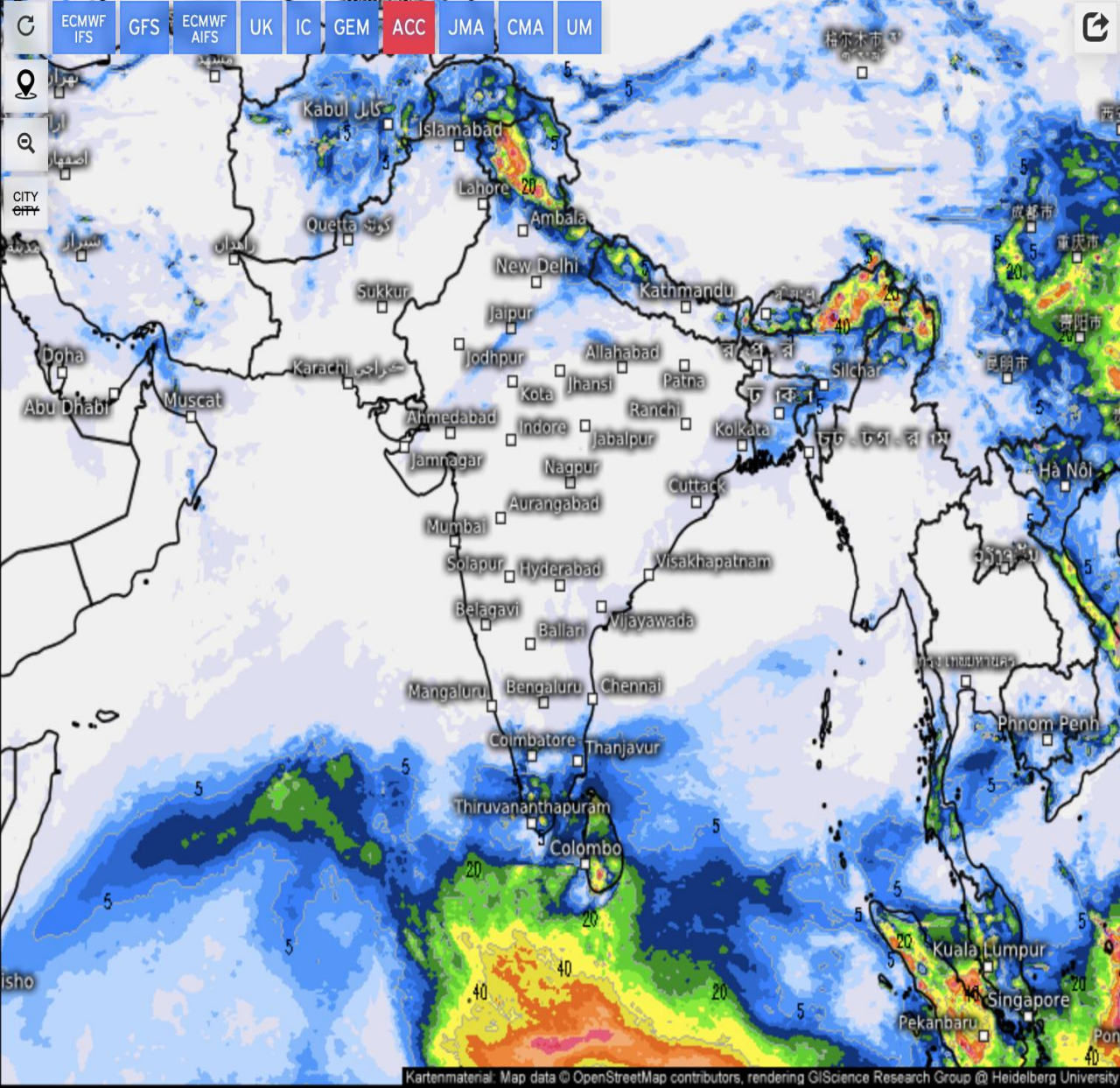
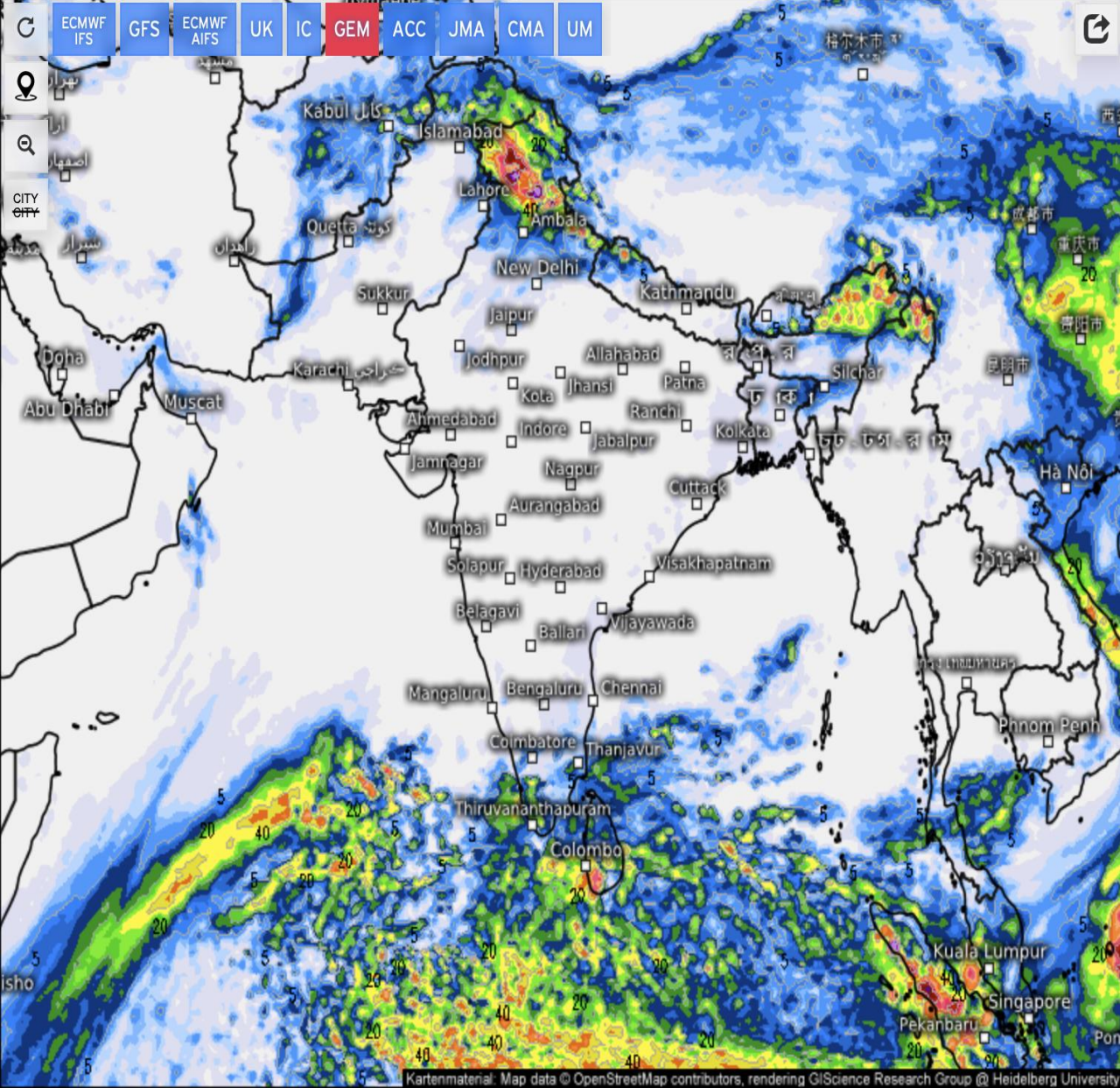
From Thu 01/30/2025, 05:30am IST
to Thu 02/06/2025, 05:30am IST



Accumulated total precipitation (mm)

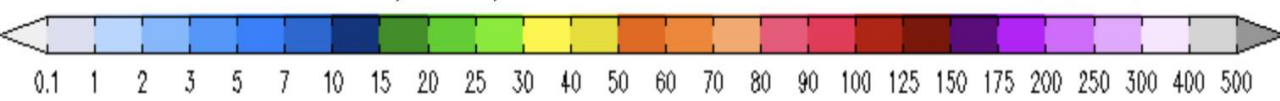
From Thu 01/30/2025, 05:30am IST
to Thu 02/06/2025, 05:30am IST





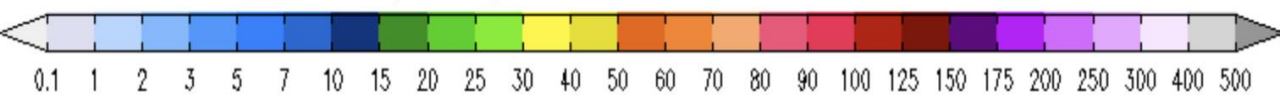
Accumulated total precipitation (mm) ⓘ

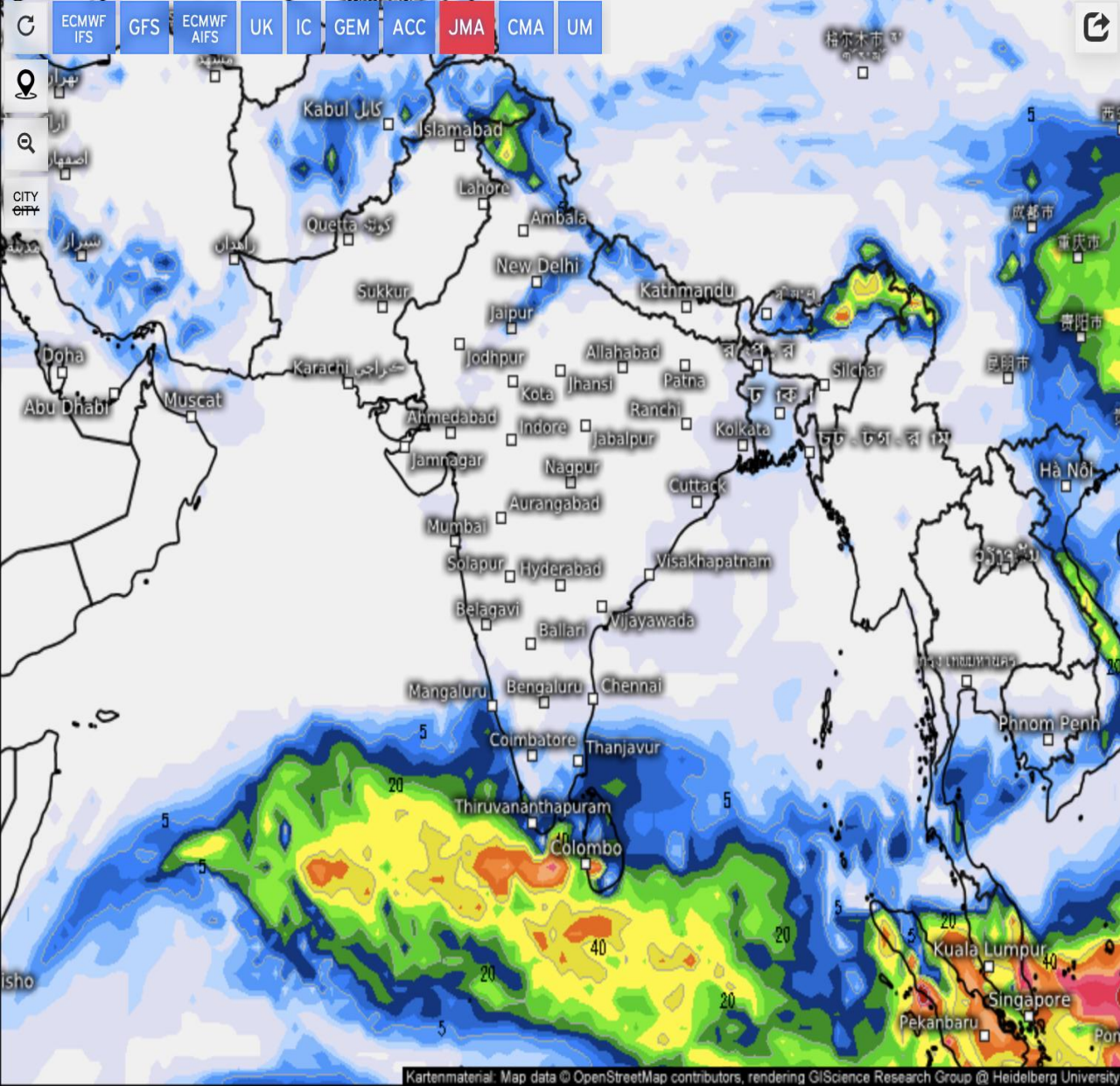
From Thu 01/30/2025, 05:30am IST
to Thu 02/06/2025, 05:30am IST



Accumulated total precipitation (mm) ⓘ

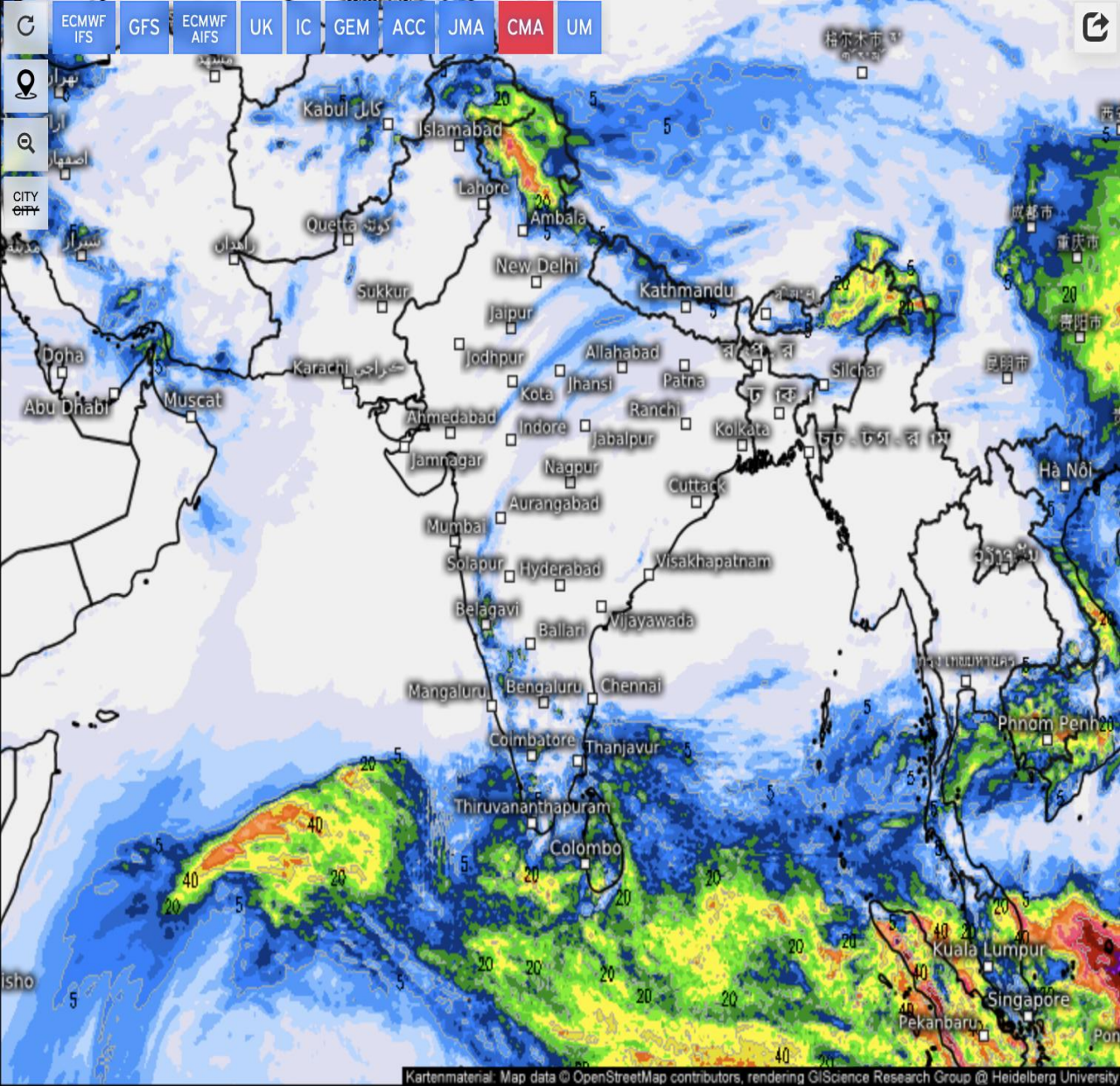
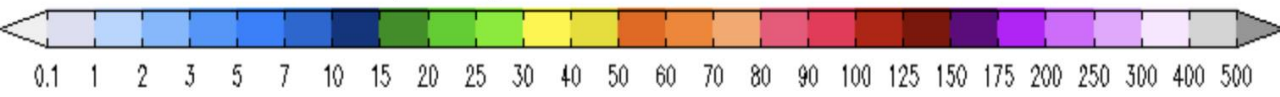
From Thu 01/30/2025, 05:30am IST
to Thu 02/06/2025, 05:30am IST





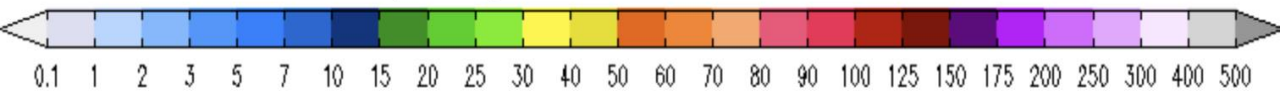
Accumulated total precipitation (mm)

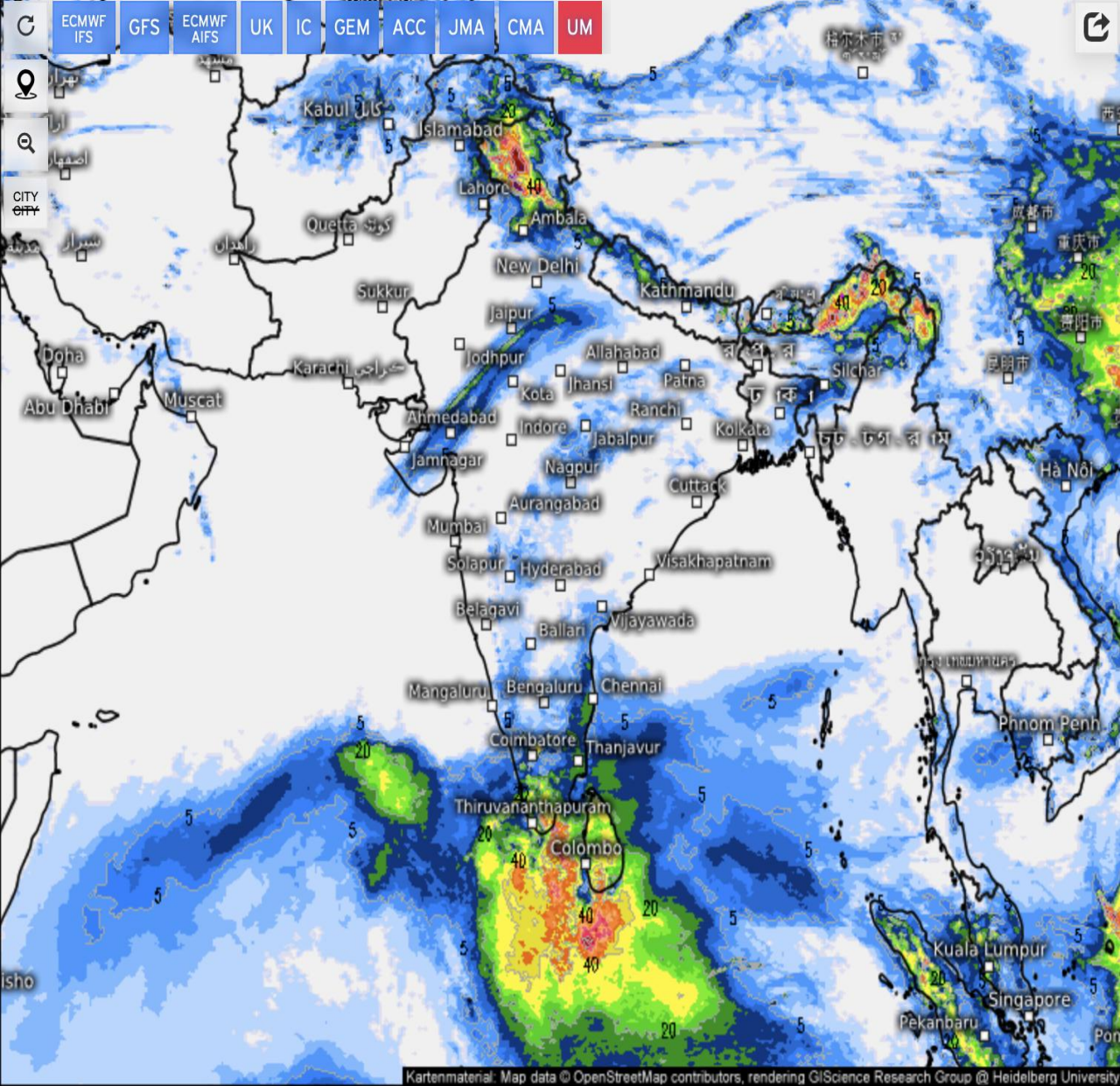
From Wed 01/29/2025, 05:30pm IST
to Thu 02/06/2025, 05:30am IST



Accumulated total precipitation (mm)

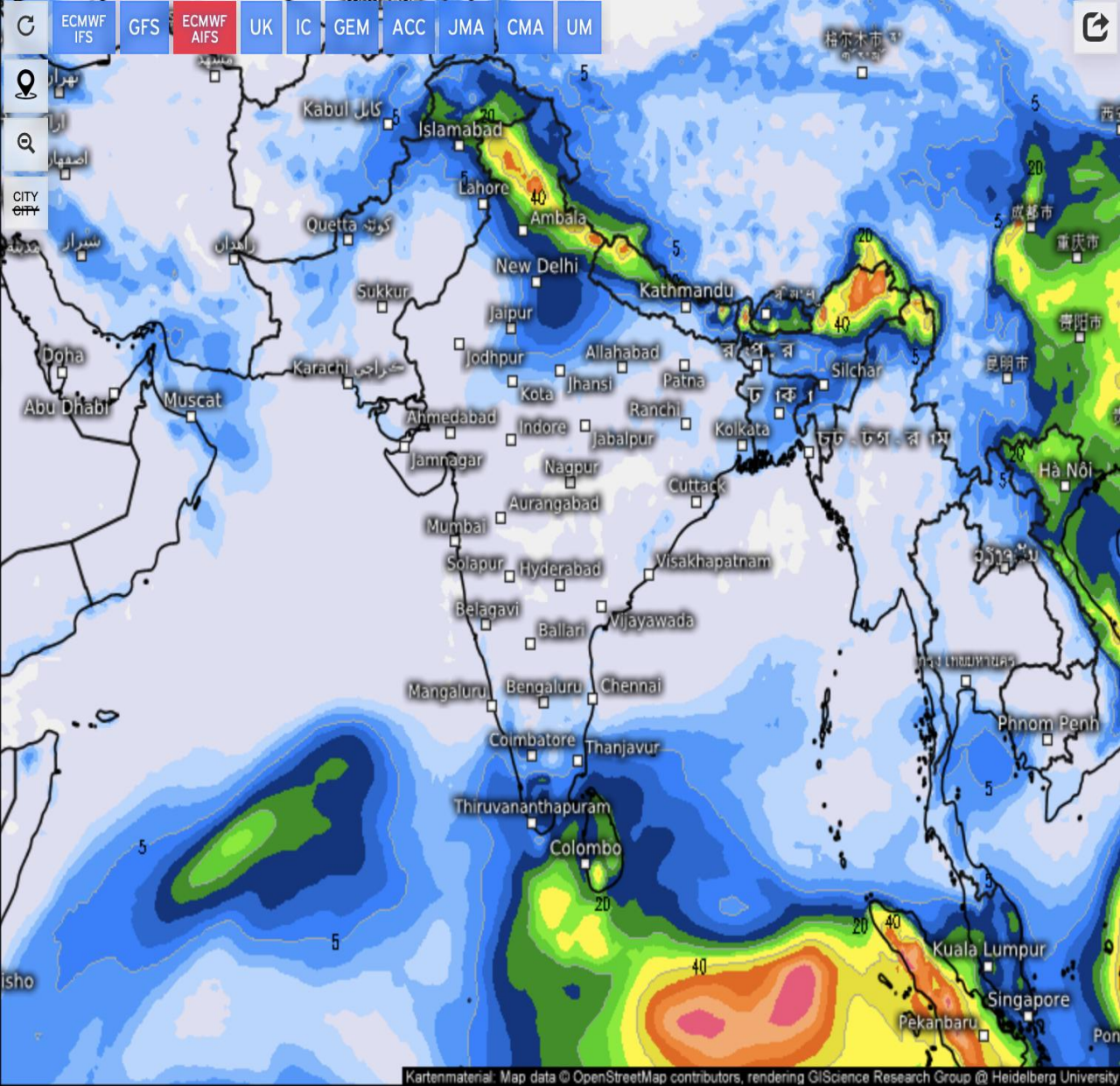
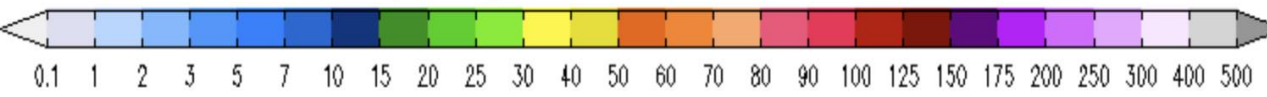
From Wed 01/29/2025, 05:30pm IST
to Thu 02/06/2025, 05:30am IST





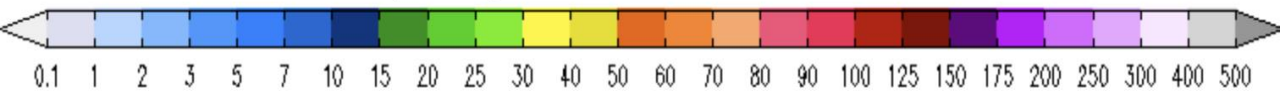
Accumulated total precipitation (mm)

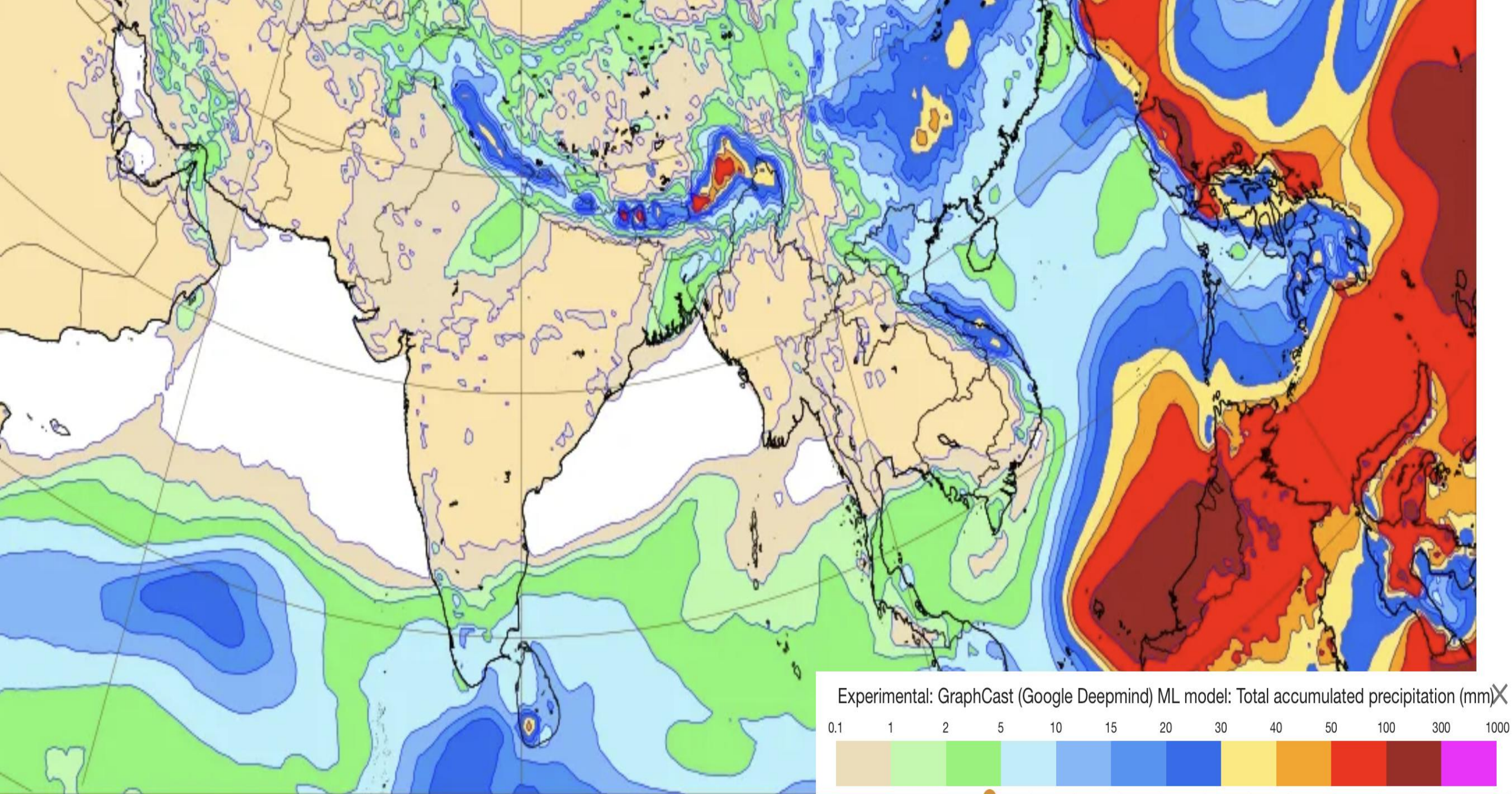
From Wed 01/29/2025, 05:30pm IST
to Thu 02/06/2025, 05:30am IST

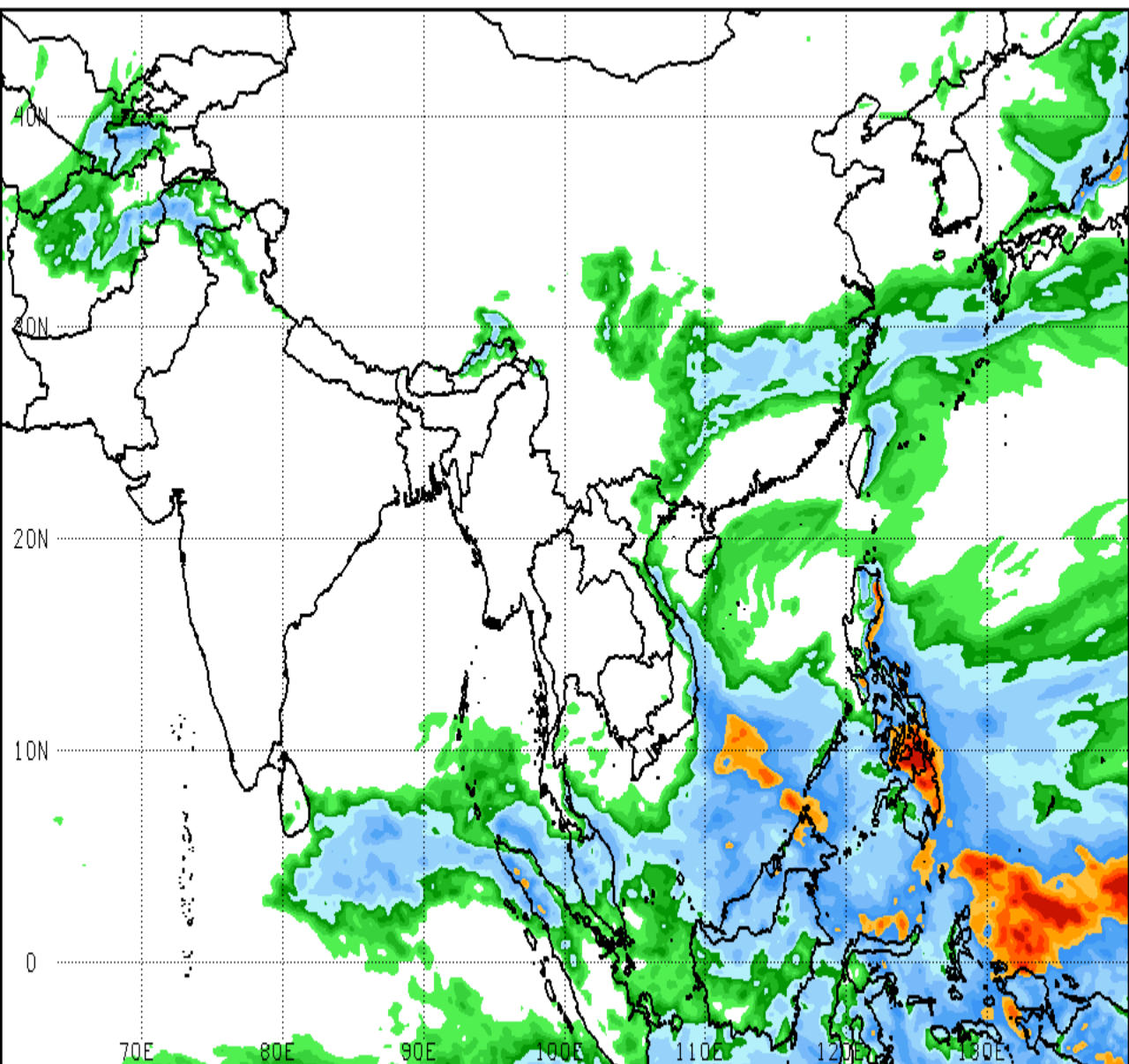


Accumulated total precipitation (mm)

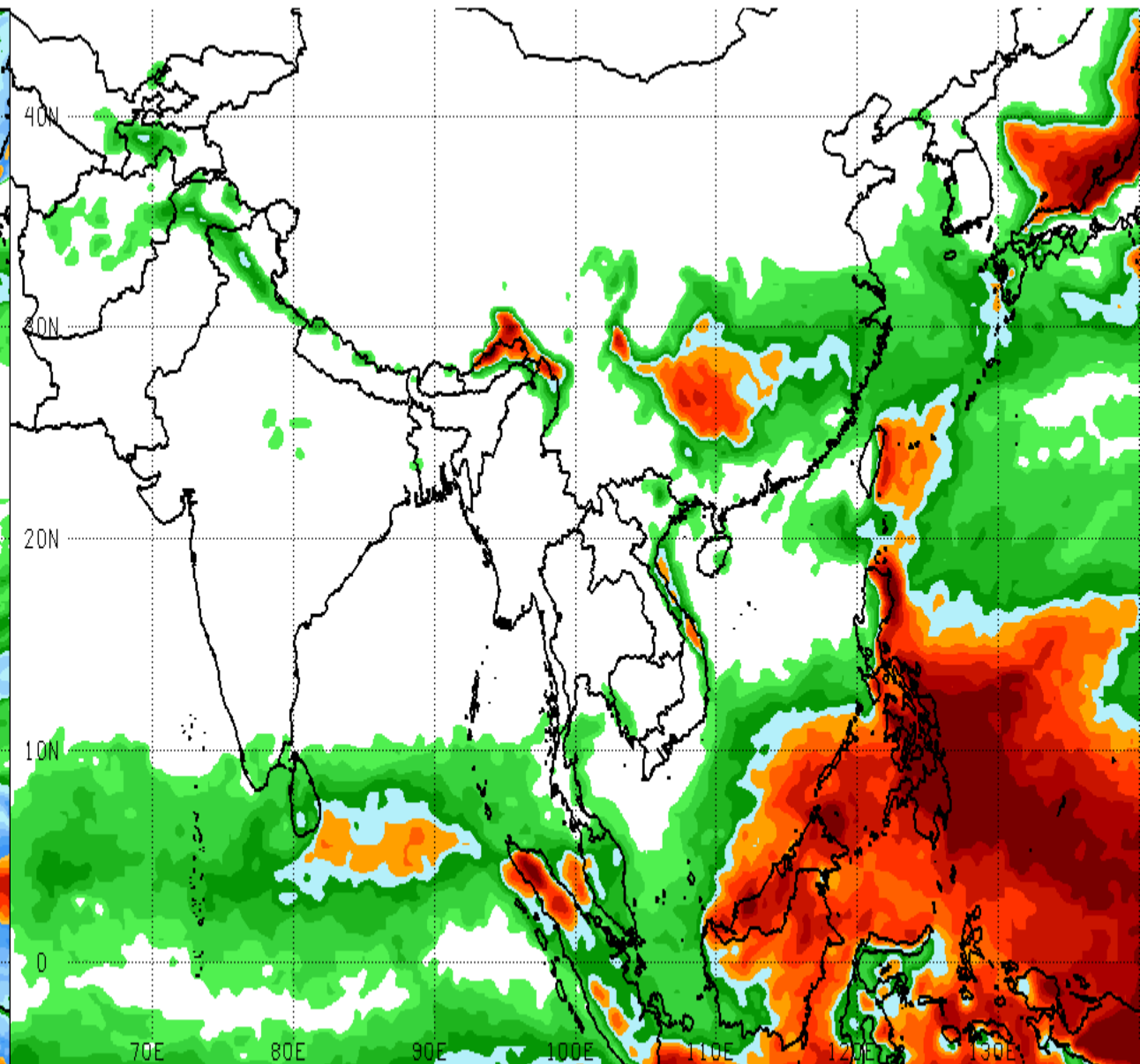
From Wed 01/29/2025, 11:30pm IST
to Thu 02/06/2025, 05:30am IST



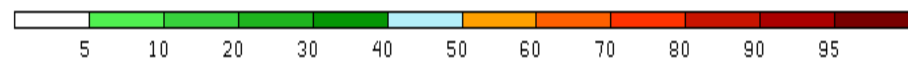


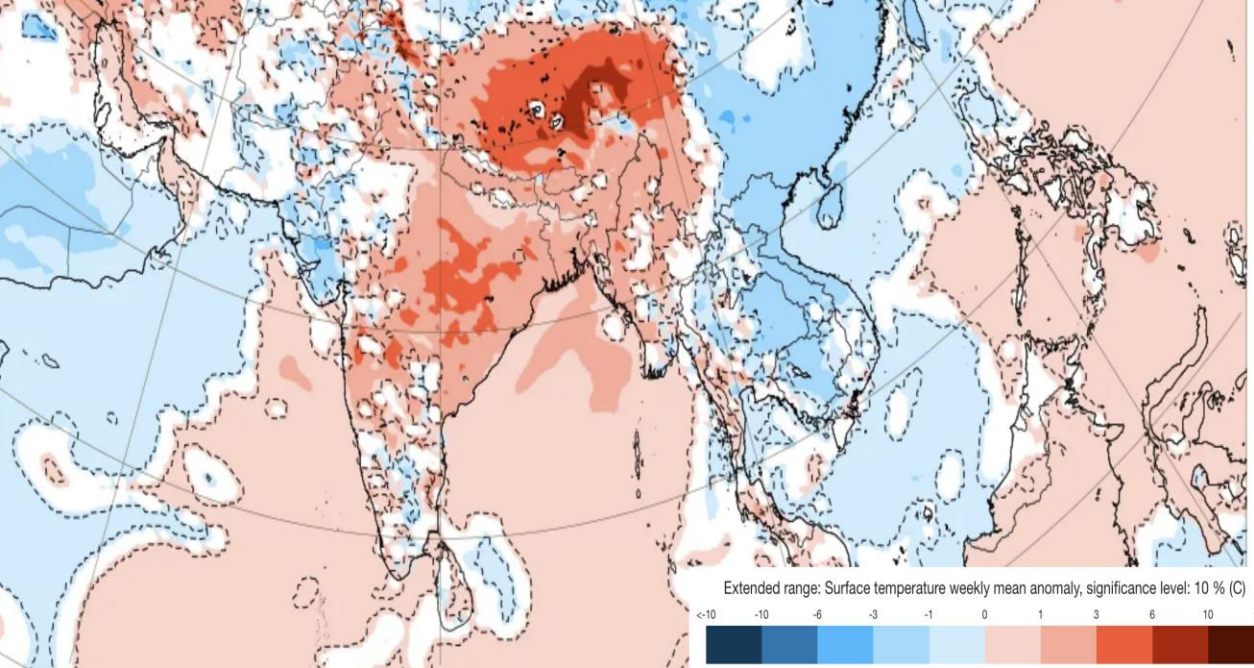


NOAA GFS 20250130 t00z cycle FCST week2 Total Precip (mm) VALID 2025021300Z

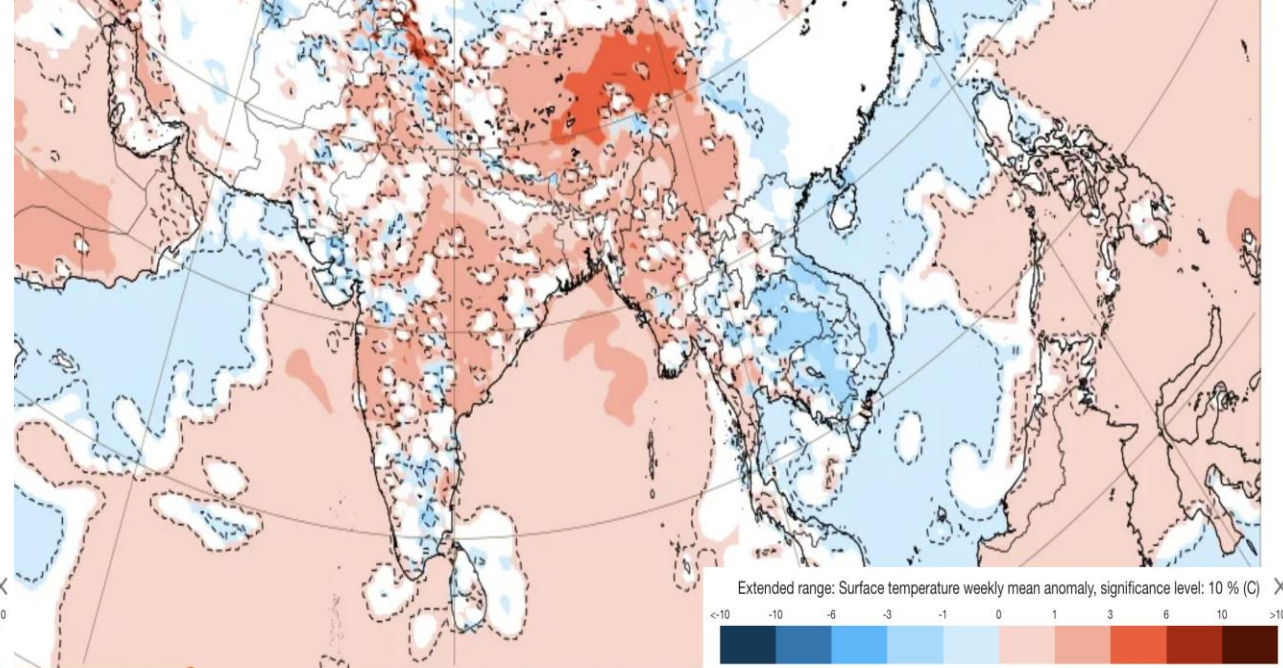


NOAA GFS 20250129 00zCYC FCST Probability of Week2 Precip > 25mm VALID 20250212/0000V336

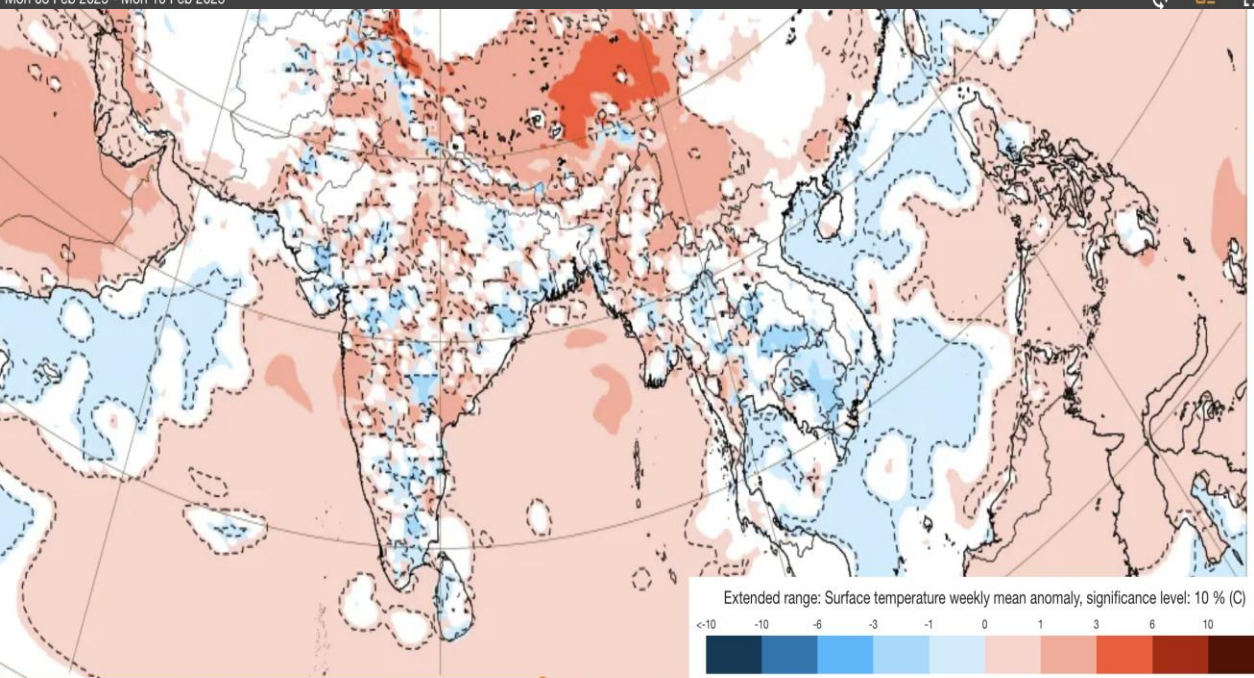




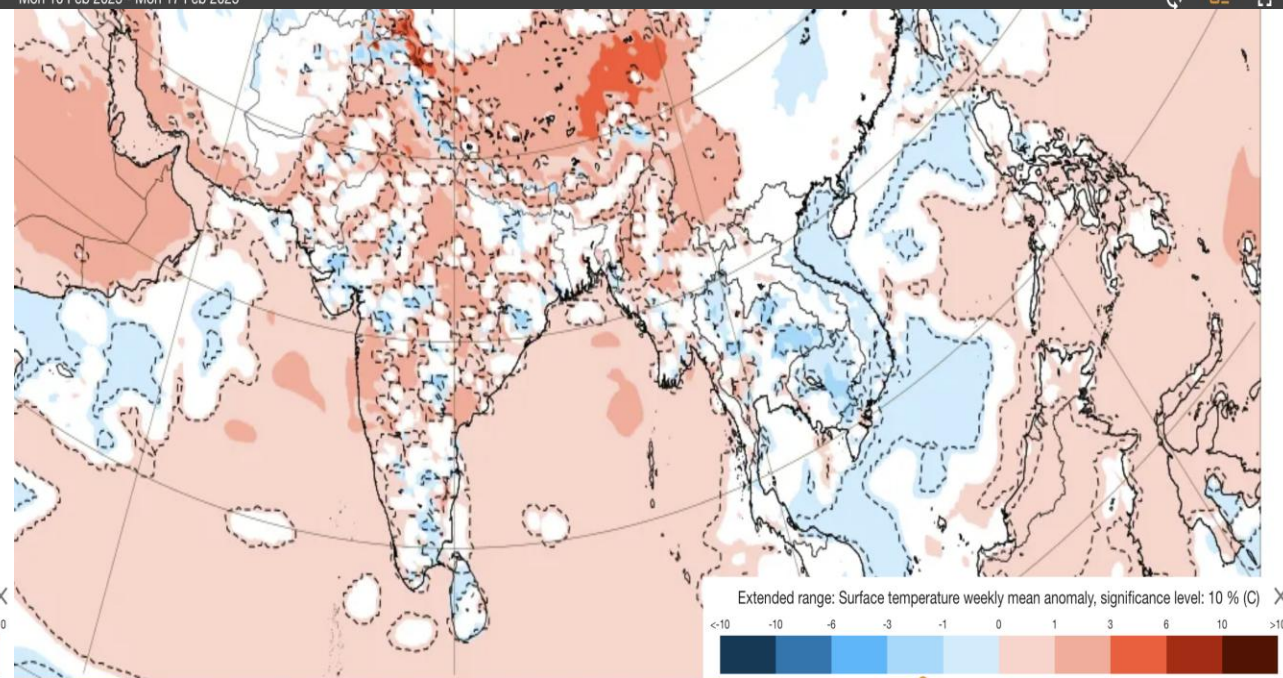
Mon 03 Feb 2025 - Mon 10 Feb 2025



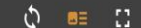
Mon 10 Feb 2025 - Mon 17 Feb 2025



Mon 17 Feb 2025 - Mon 24 Feb 2025

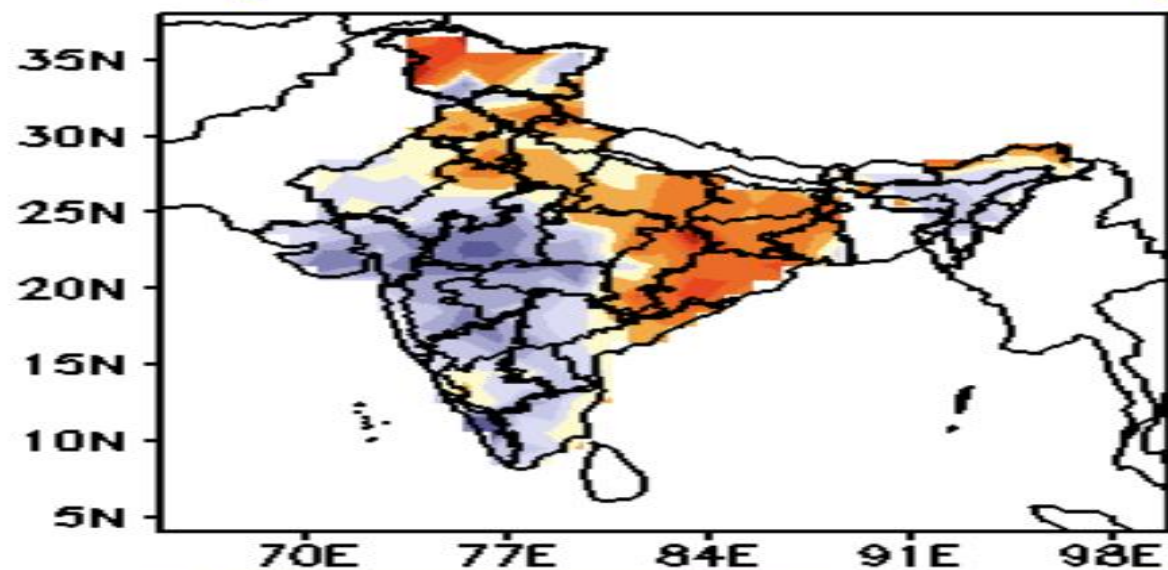


Mon 24 Feb 2025 - Mon 03 Mar 2025

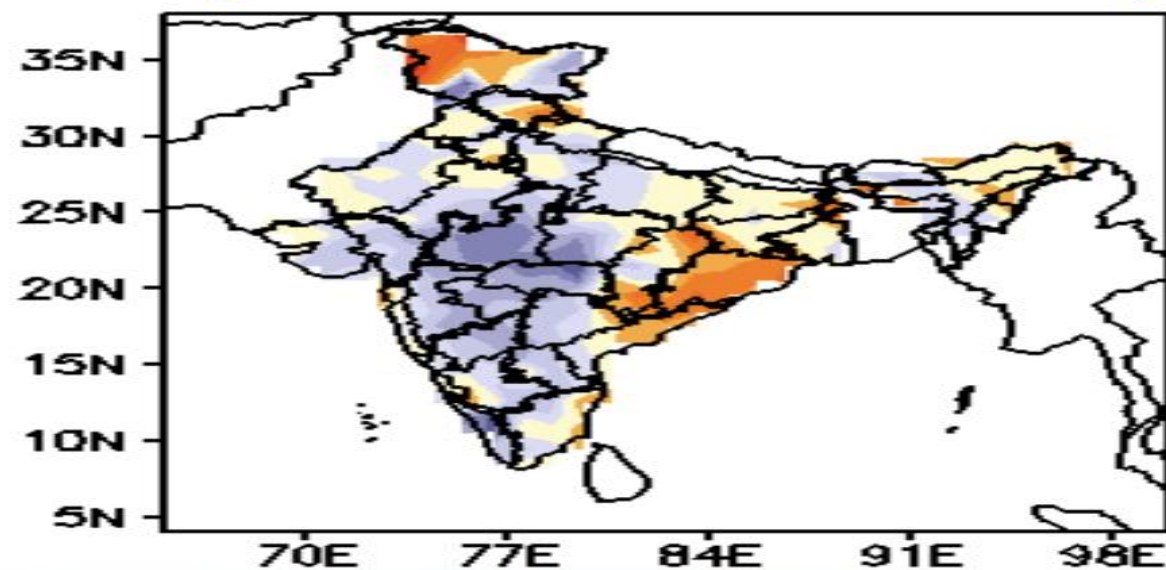


MME forecast Tmax anomaly (Deg C)

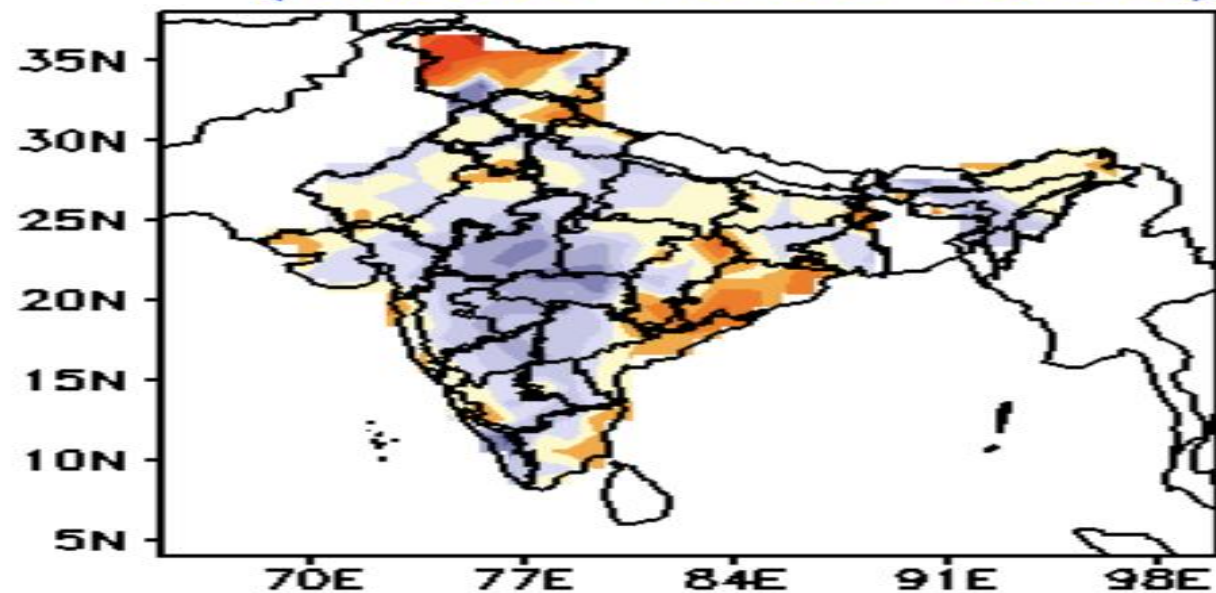
(Week1: 31Jan-06Feb)



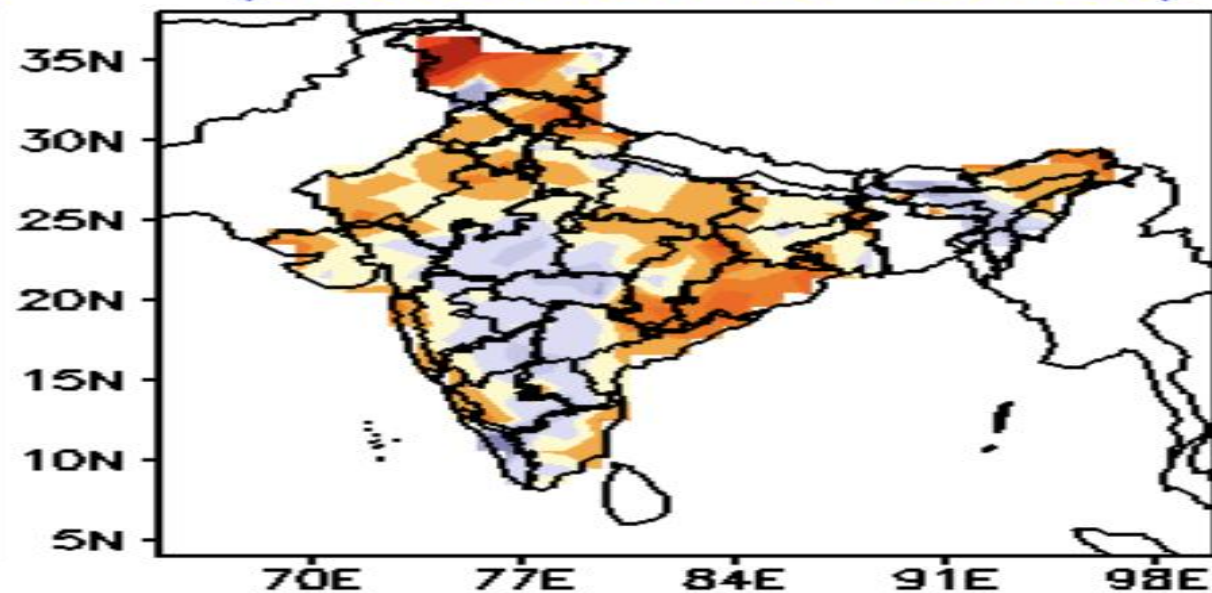
(Week2: 07Feb-13Feb)

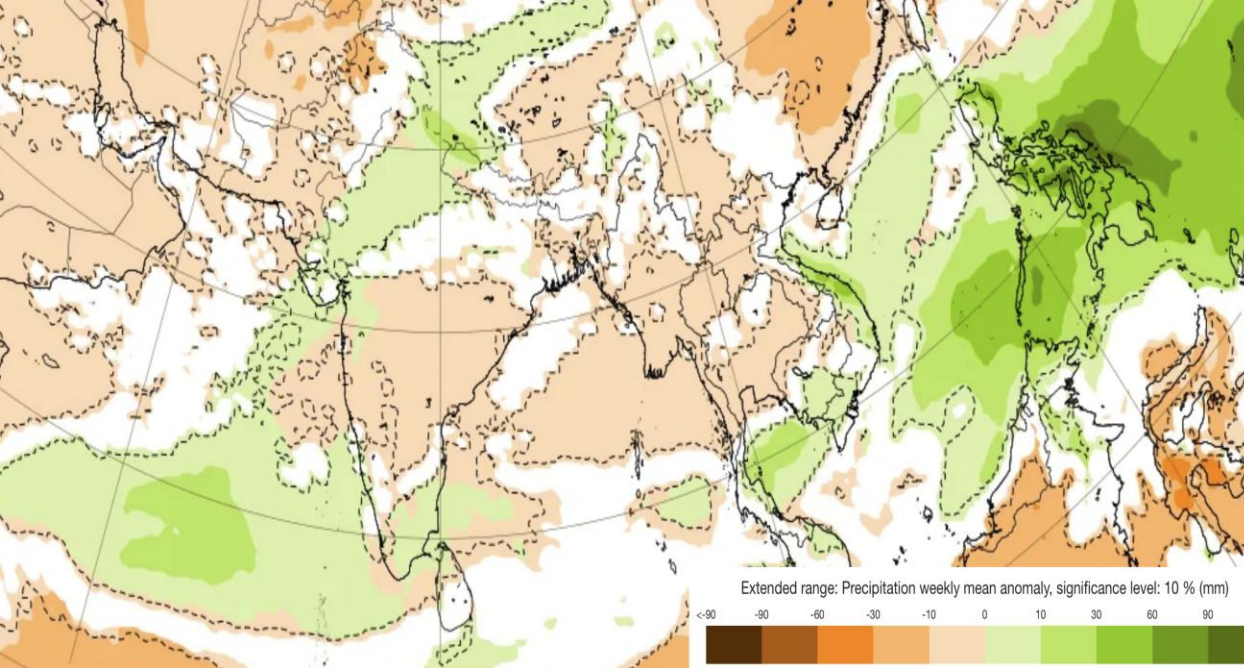


(Week3: 14Feb-20Feb)

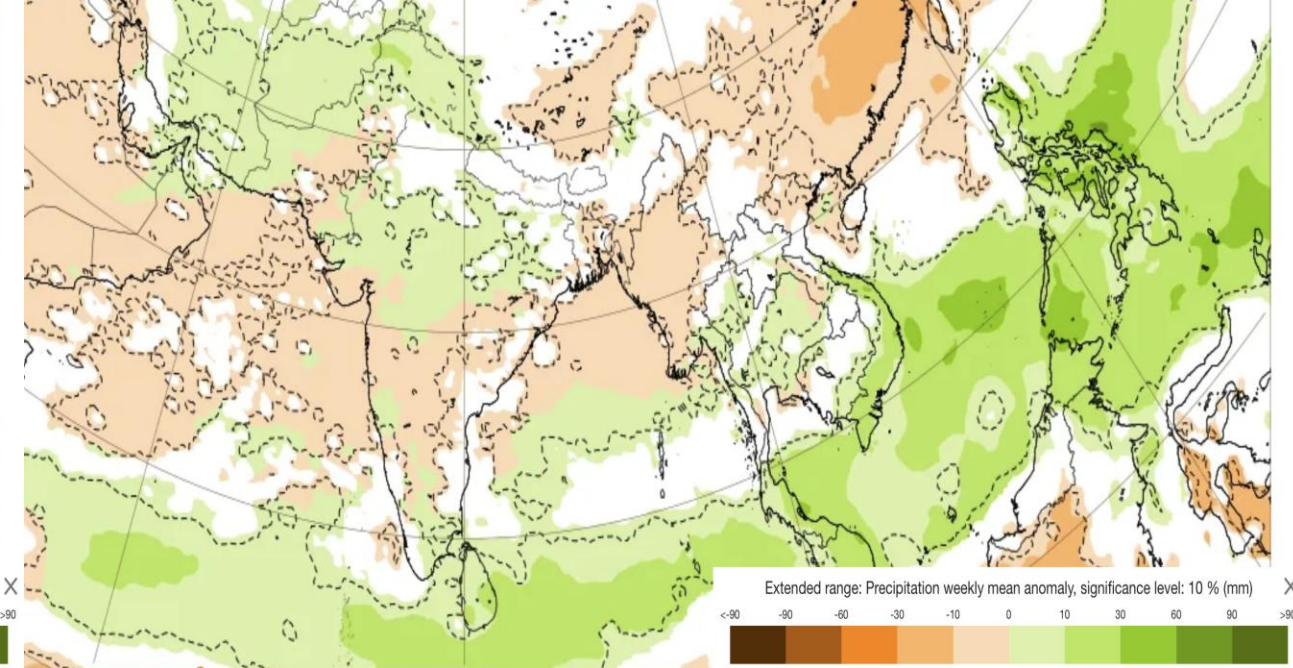


(Week4: 21Feb-27Feb)

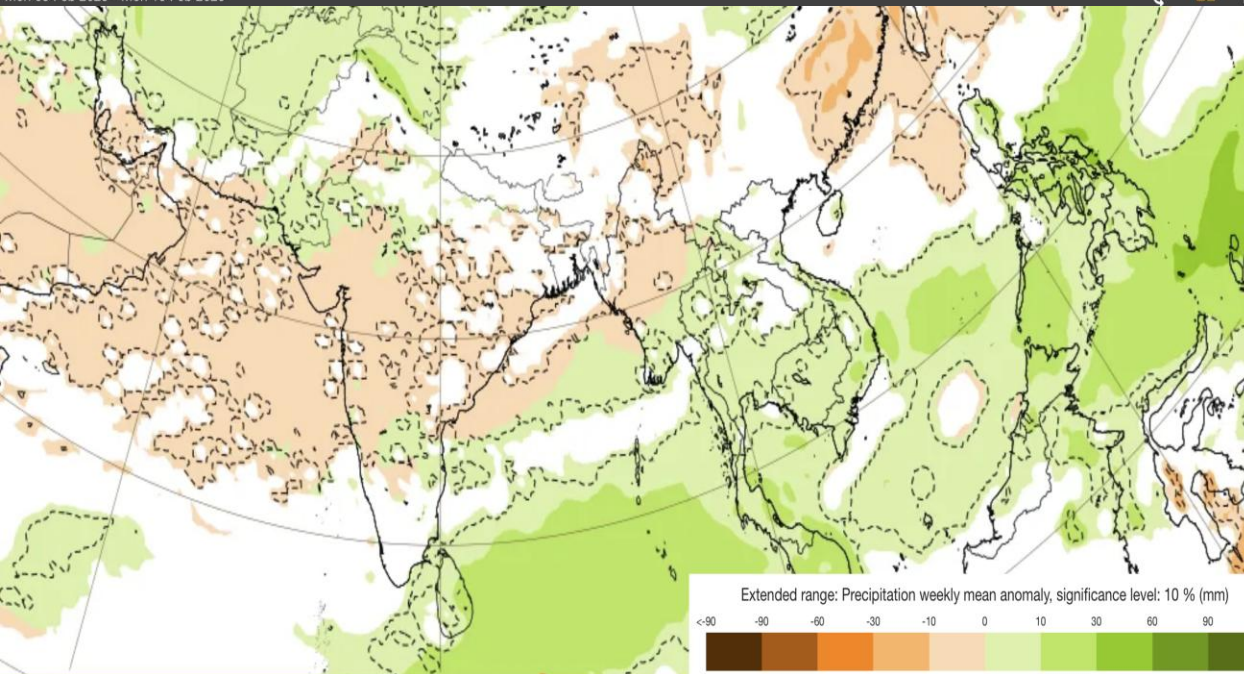




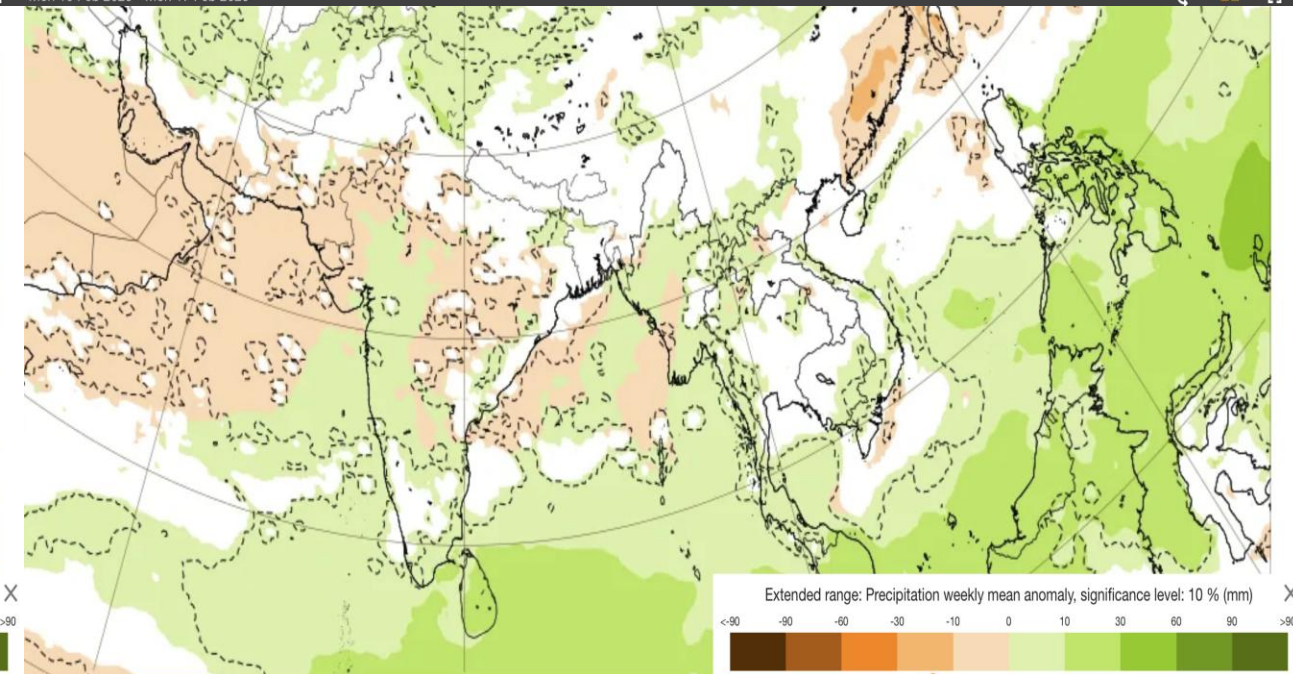
Mon 03 Feb 2025 - Mon 10 Feb 2025



Mon 10 Feb 2025 - Mon 17 Feb 2025



Mon 17 Feb 2025 - Mon 24 Feb 2025

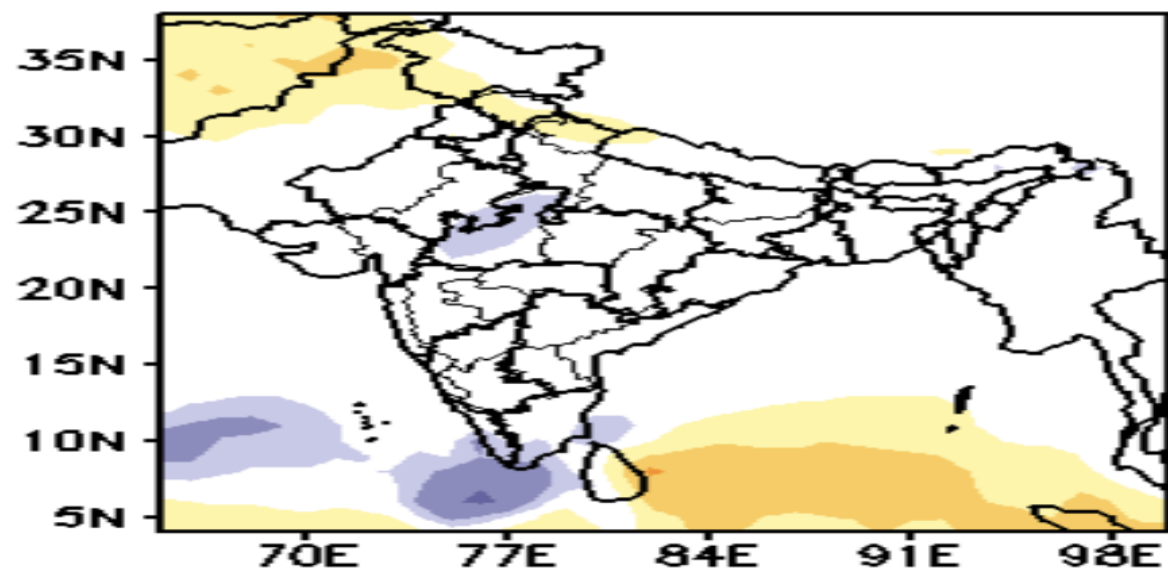


Mon 24 Feb 2025 - Mon 03 Mar 2025

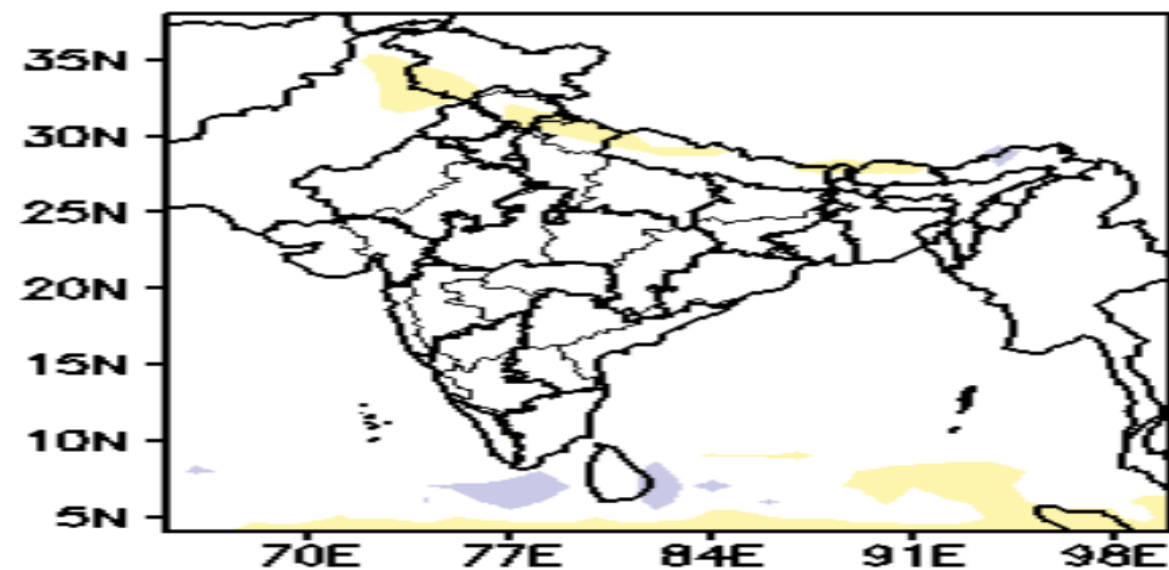


Forecast Rainfall Anomaly (mm/day) (00Z=0530 hrs IST)

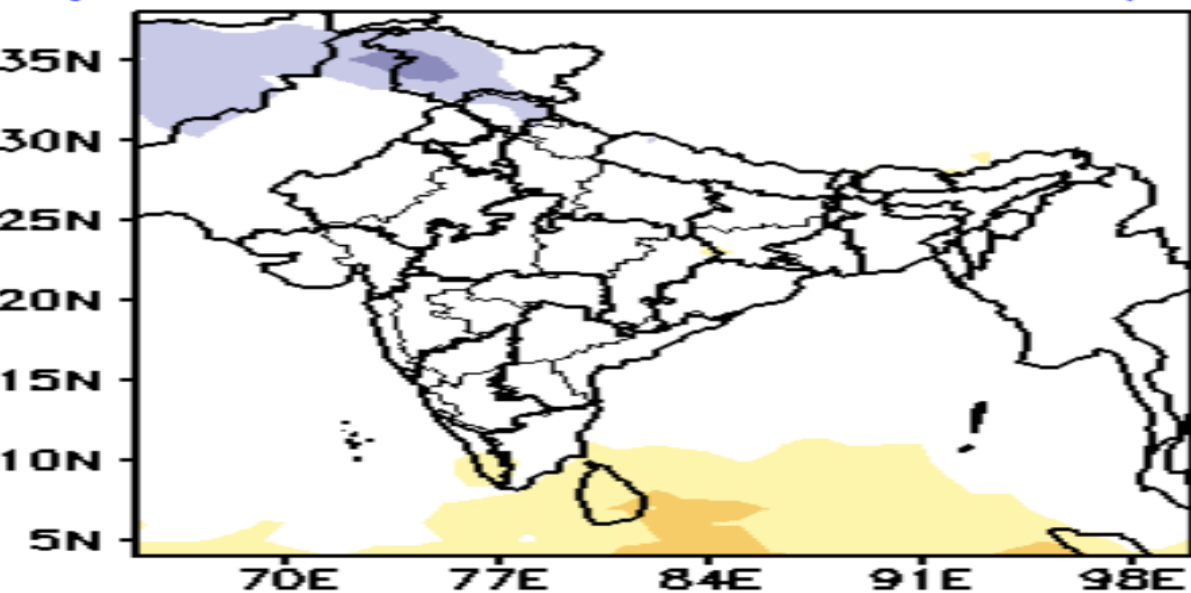
(Week1:00Z30Jan-00Z06Feb)



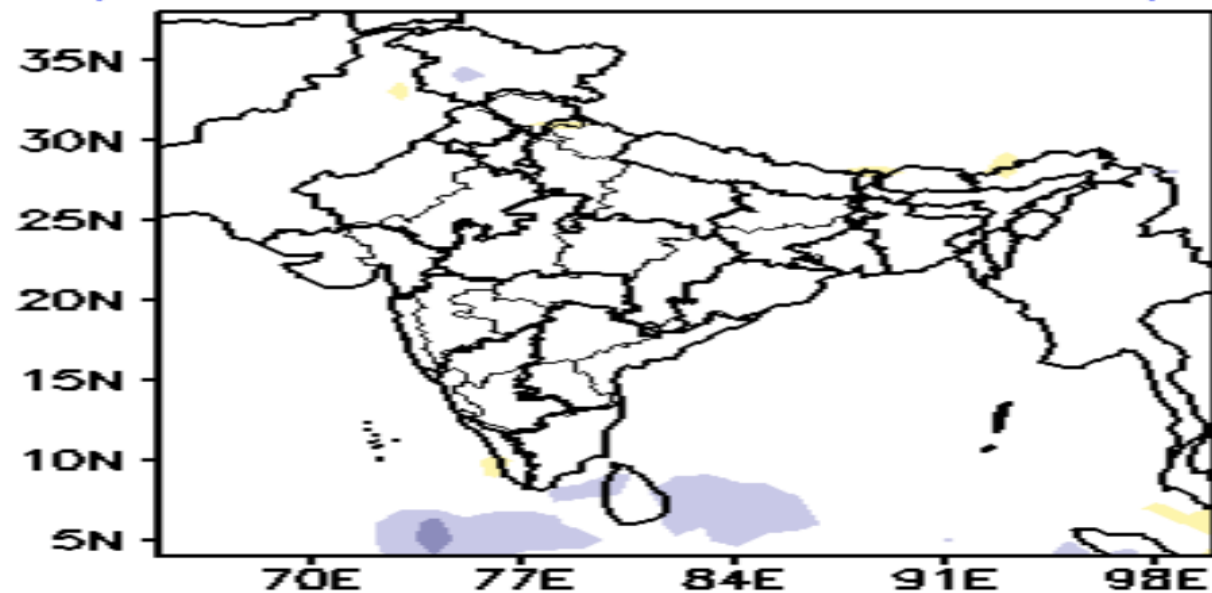
(Week2:00Z06Feb-00Z13Feb)

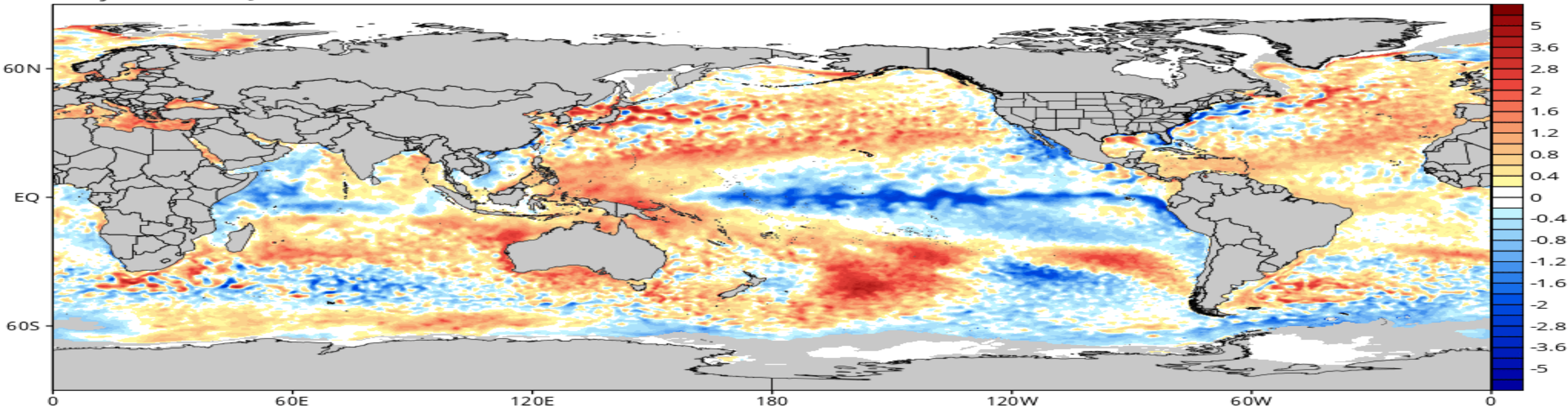


(Week3:00Z13Feb-00Z20Feb)



(Week4:00Z20Feb-00Z27Feb)



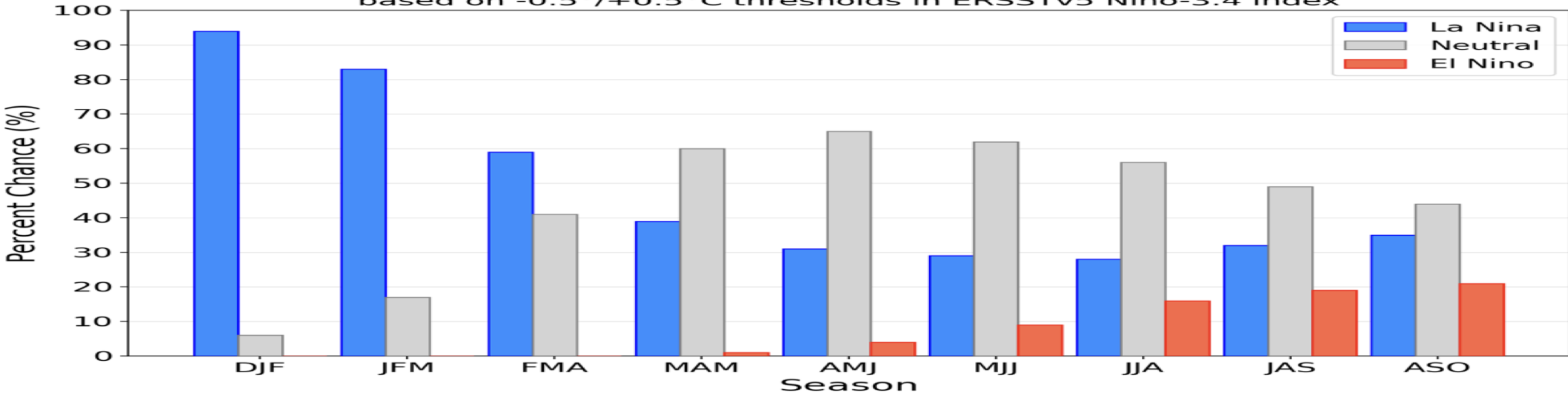


CDAS Niño 3.4 Index

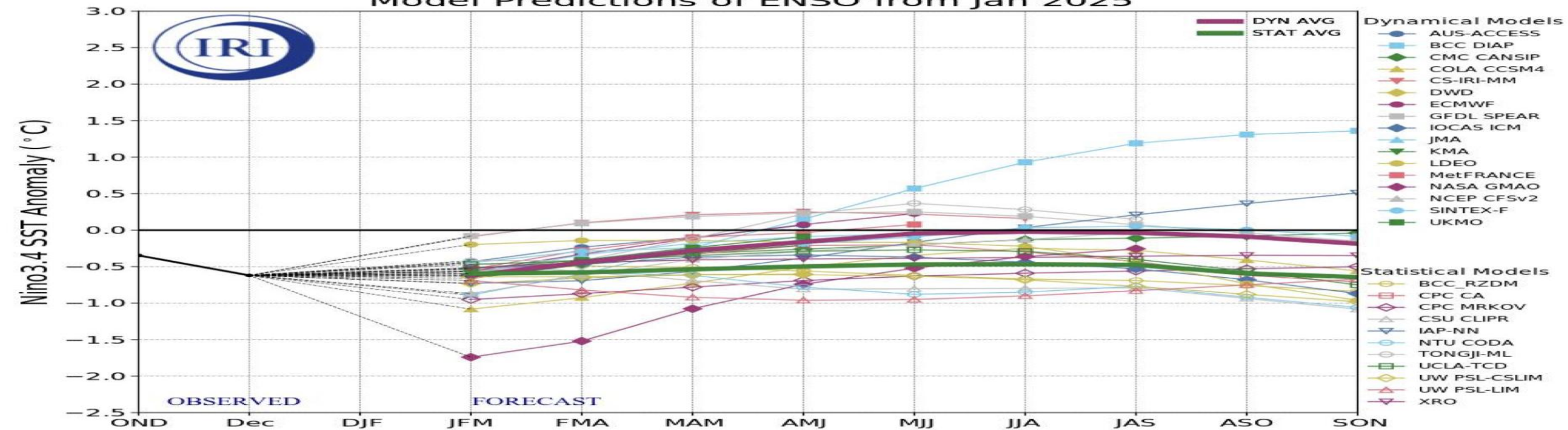


Official NOAA CPC ENSO Probabilities (issued January 2025)

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



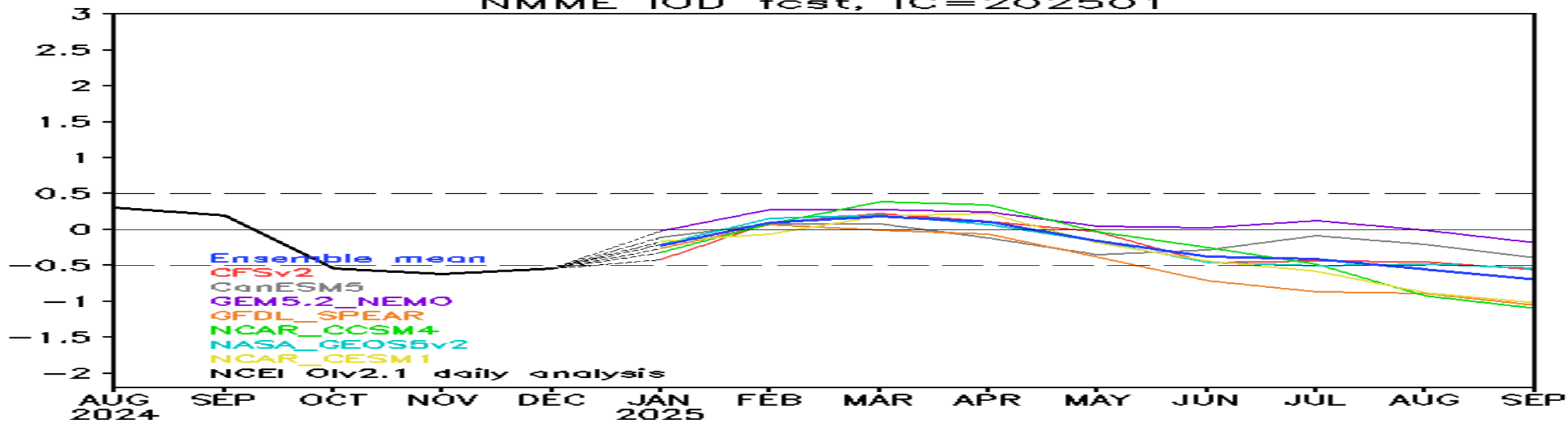
Model Predictions of ENSO from Jan 2025



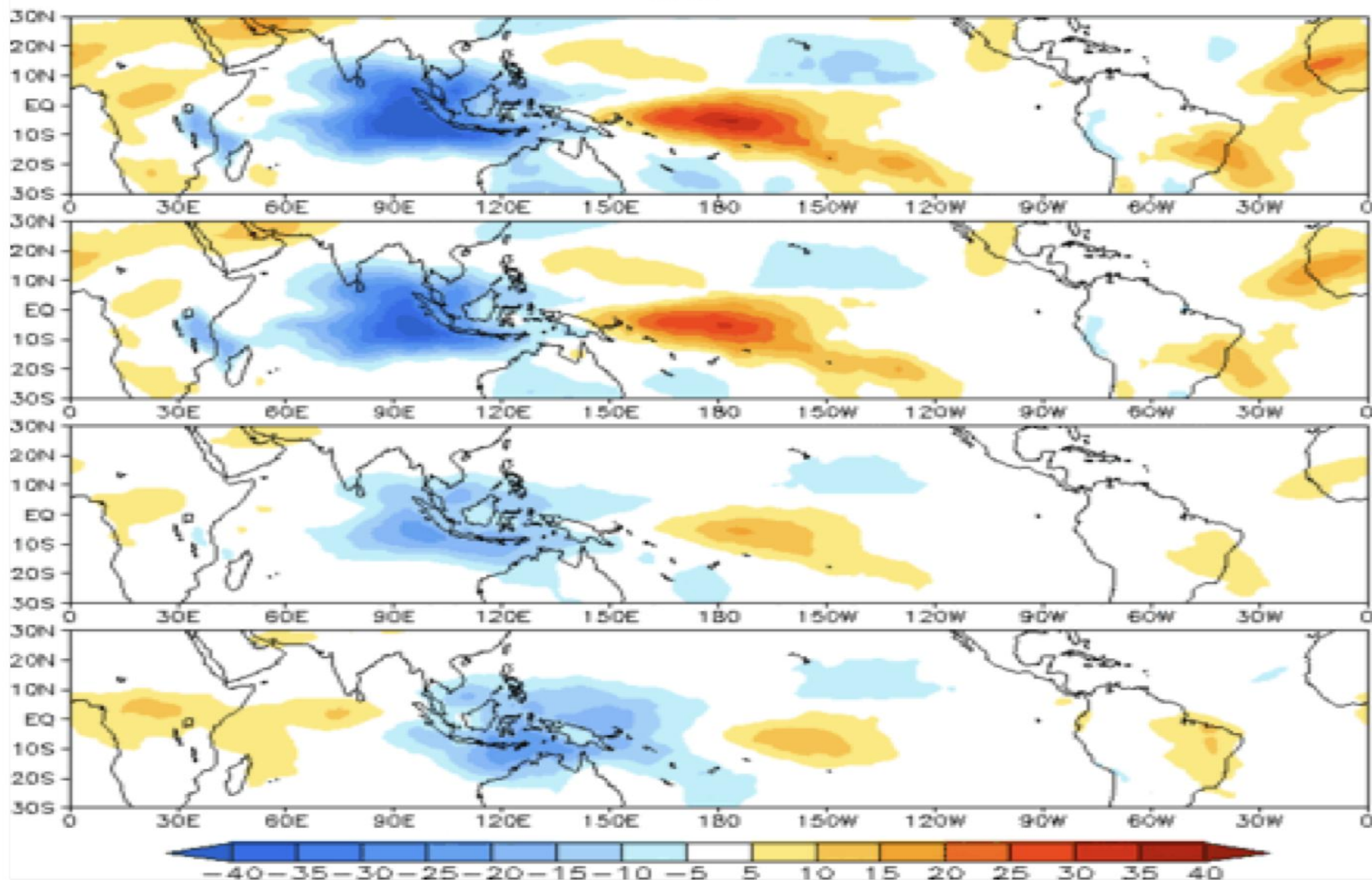
IOD index



NMME IOD fcst, IC=202501



Prediction of MJO-related anomalies using GEFS operational forecast
Initial date: 26 Jan 2025
OLR



Initial Date
(26 Jan 2025)

Days 1-5 Ave
Forecast

Days 6-10 Ave
Forecast

Days 11-15 Ave
Forecast

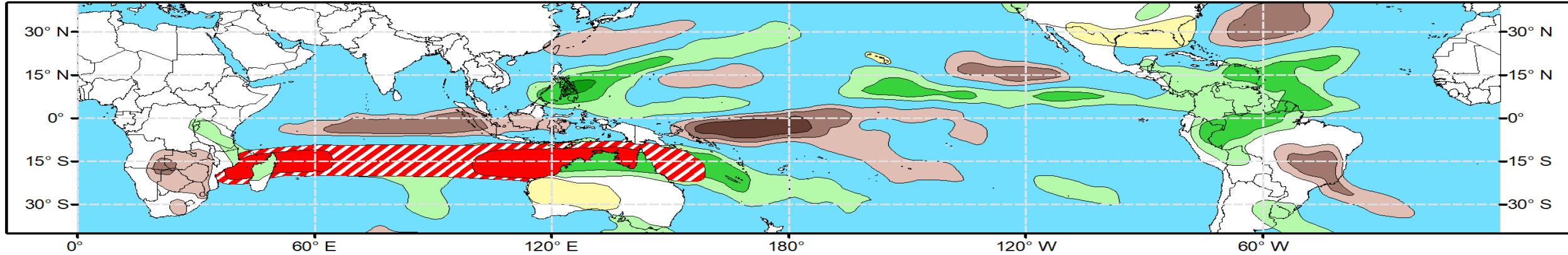


Global Tropics Hazards Outlook

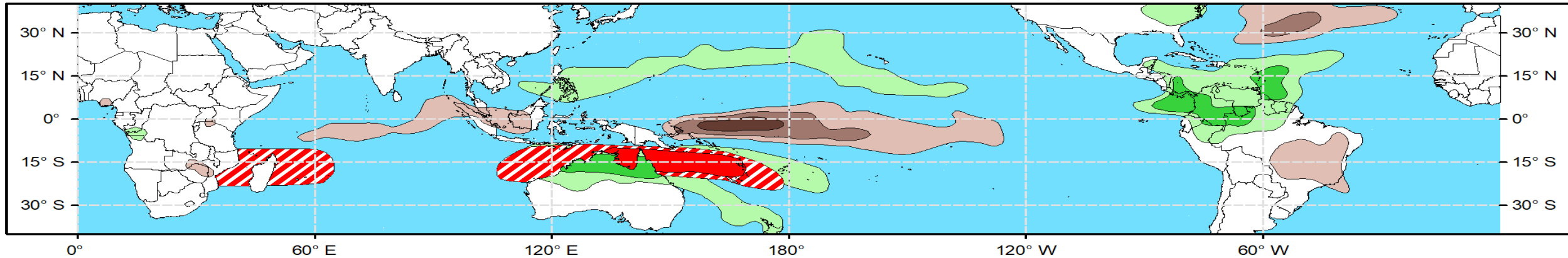
Climate Prediction Center



Week 2 - Valid: Feb 05, 2025 - Feb 11, 2025



Week 3 - Valid: Feb 12, 2025 - Feb 18, 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*

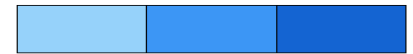
**Above-Average
Temperatures Probability**



>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: 01/28/2025

Forecaster: Pugh

**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.**