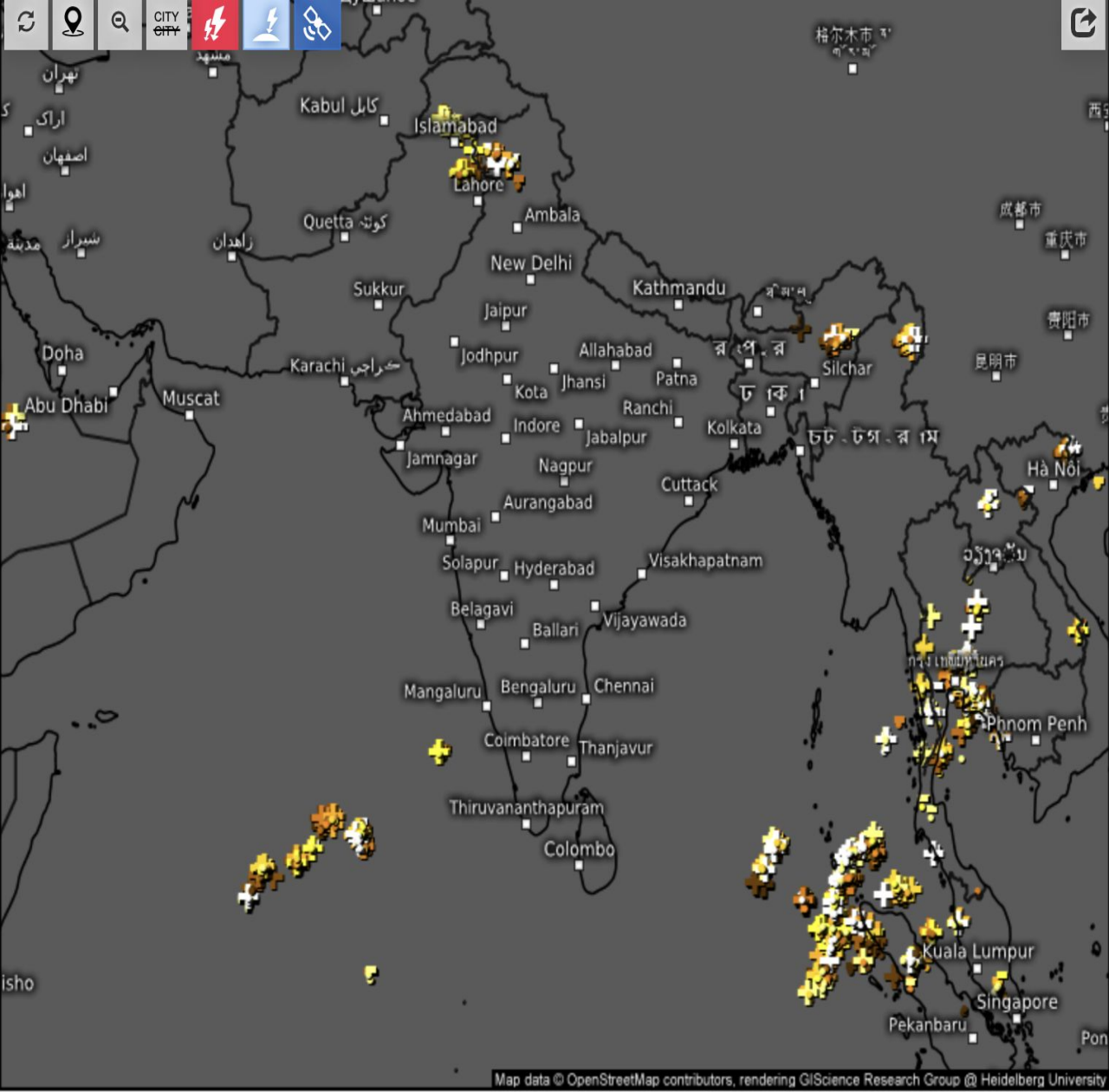
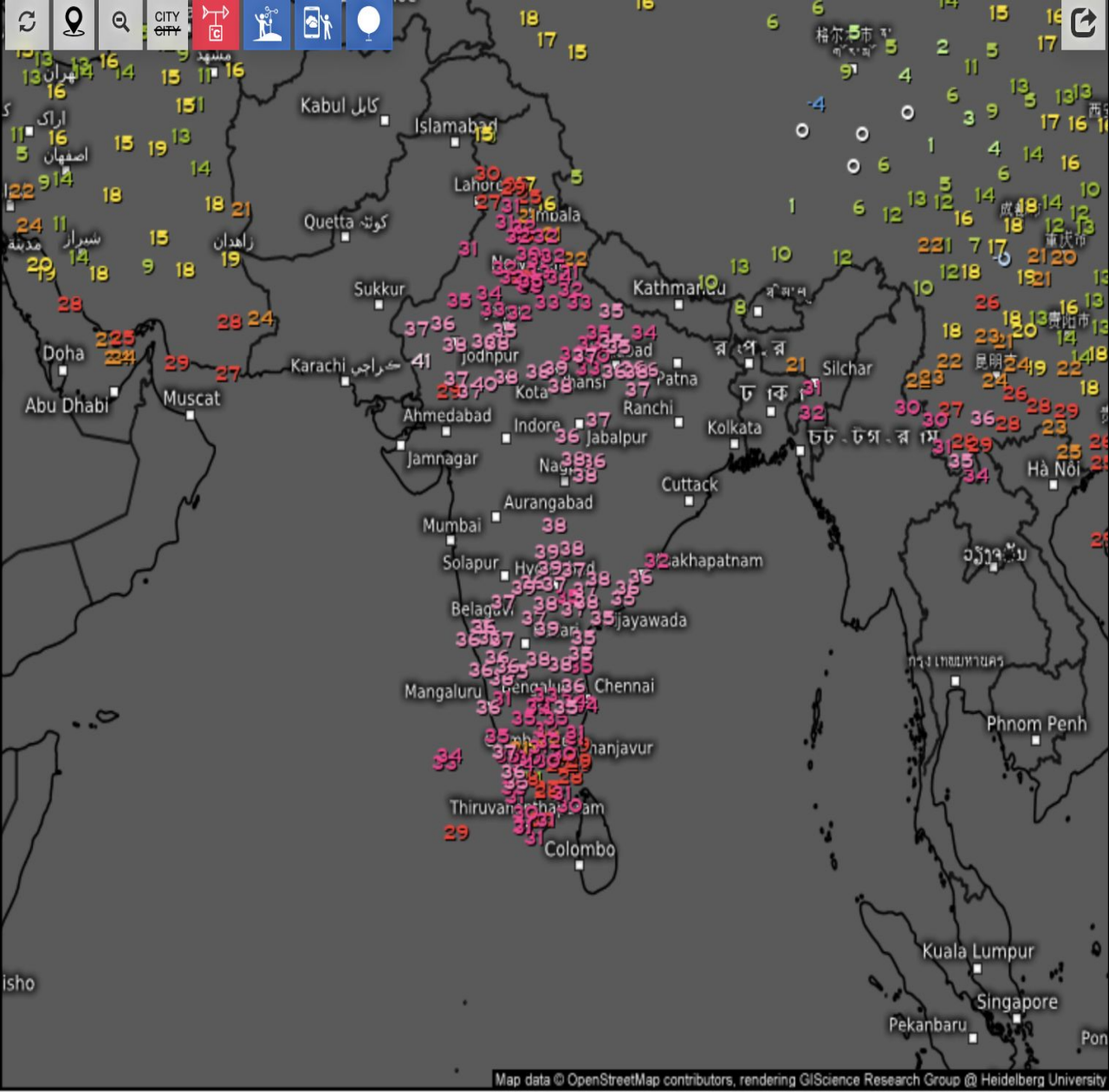
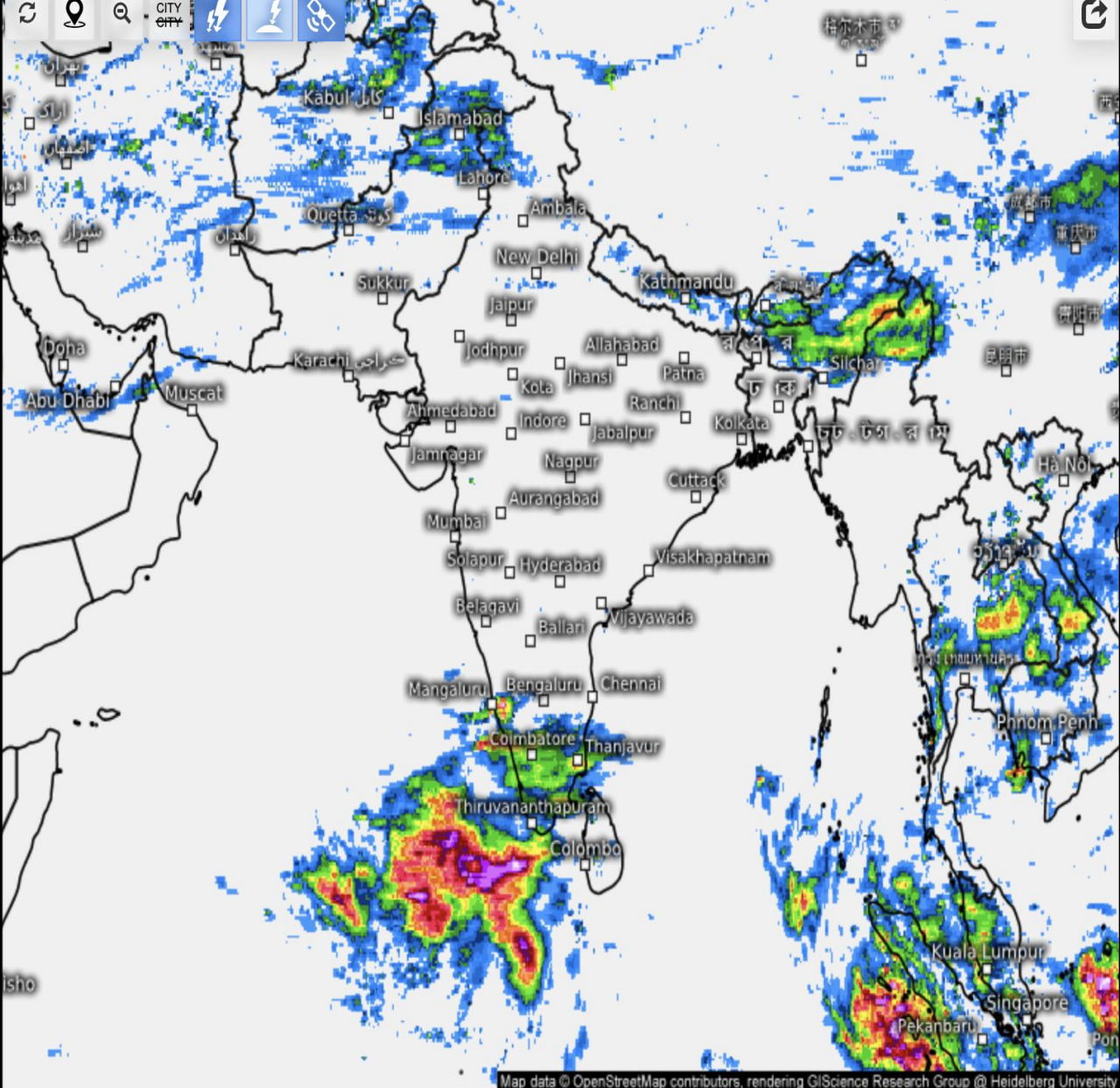
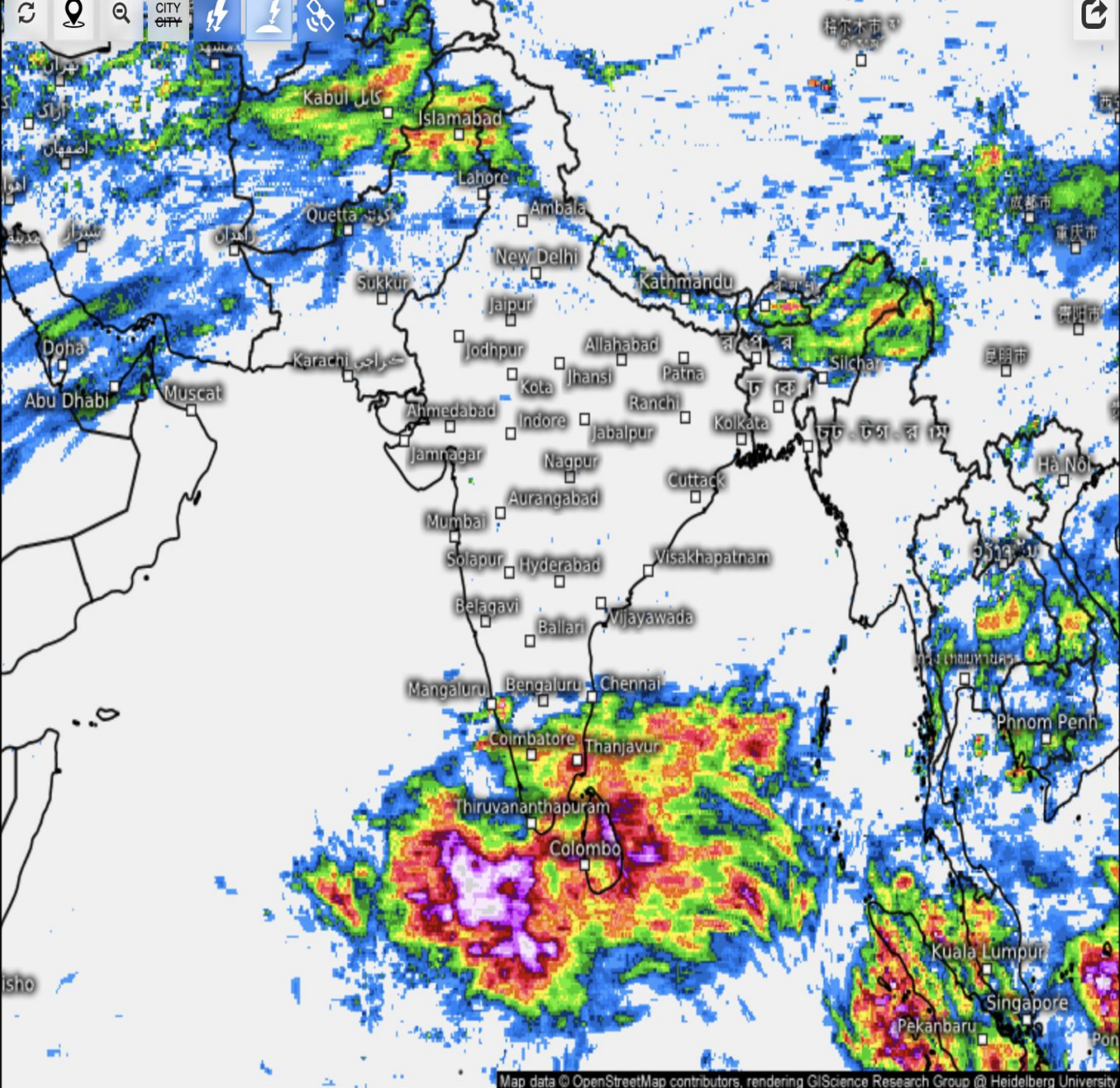






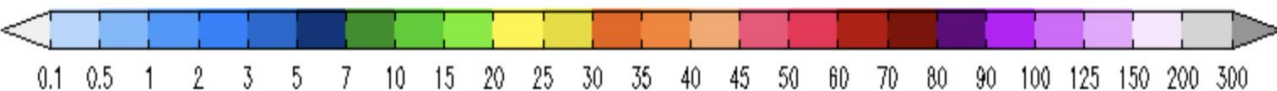
Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University



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

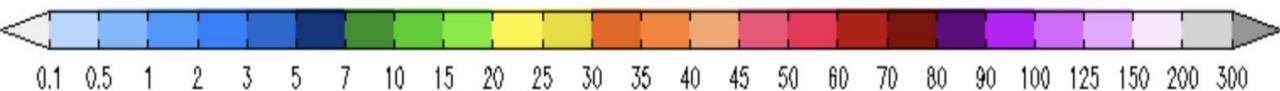
Accumulated Precipitation, 24h (Satellite) (mm)

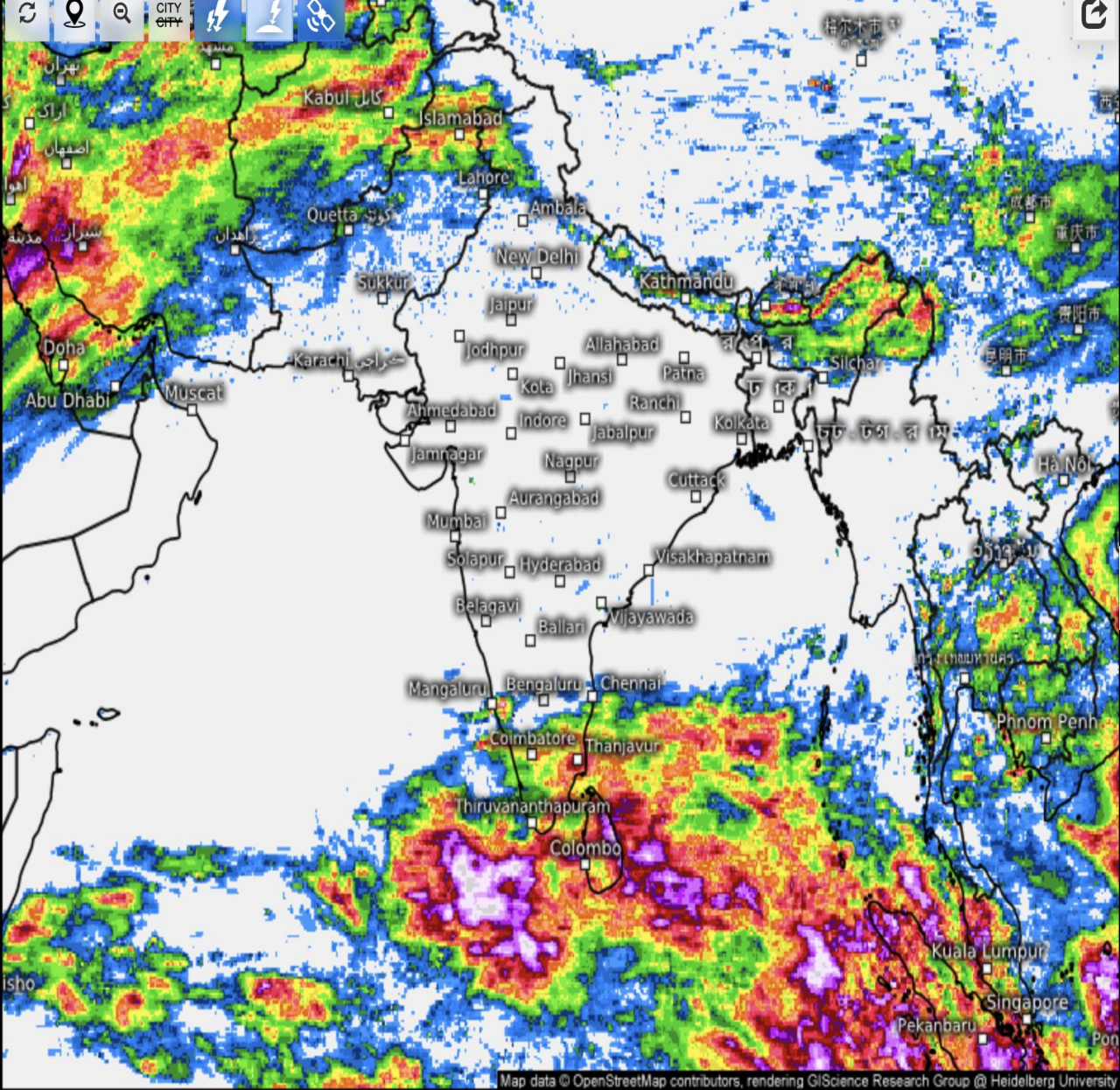
Thu 03/13/2025, 05:30am IST



Accumulated Precipitation, 72h (Satellite) (mm)

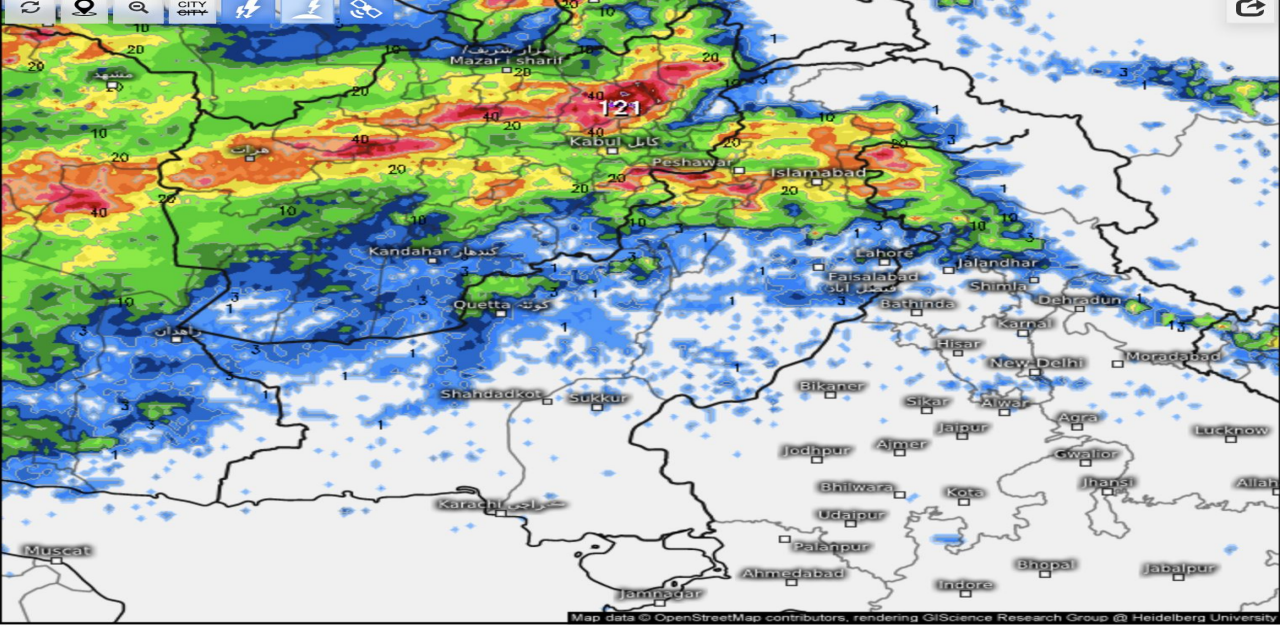
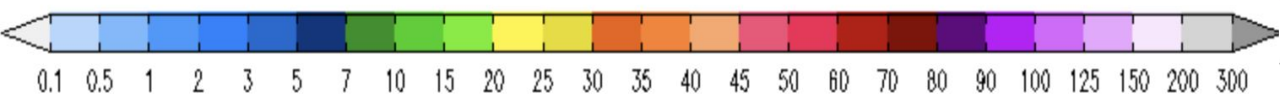
Thu 03/13/2025, 05:30am IST





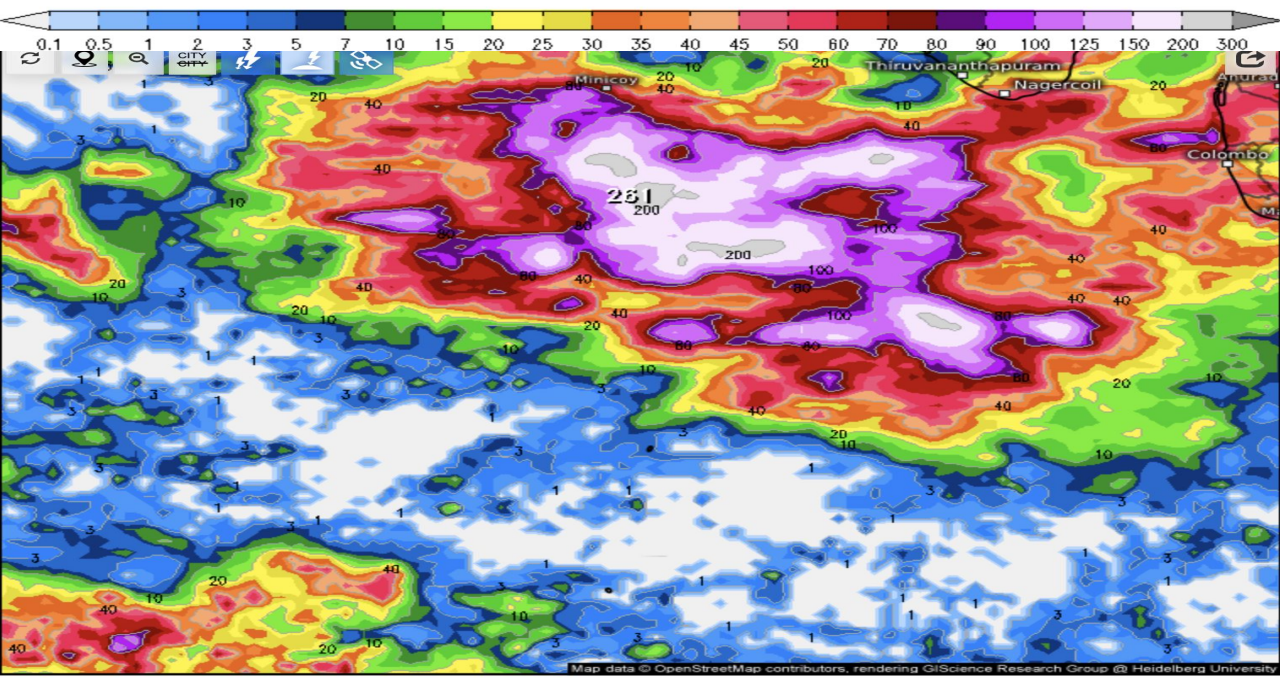
Accumulated Precipitation, 7 days (Satellite) (mm)

Thu 03/13/2025, 05:30am IST



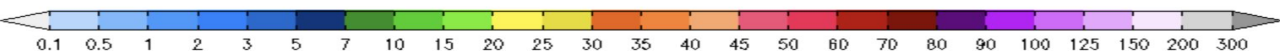
Accumulated Precipitation, 7 days (Satellite) (mm)

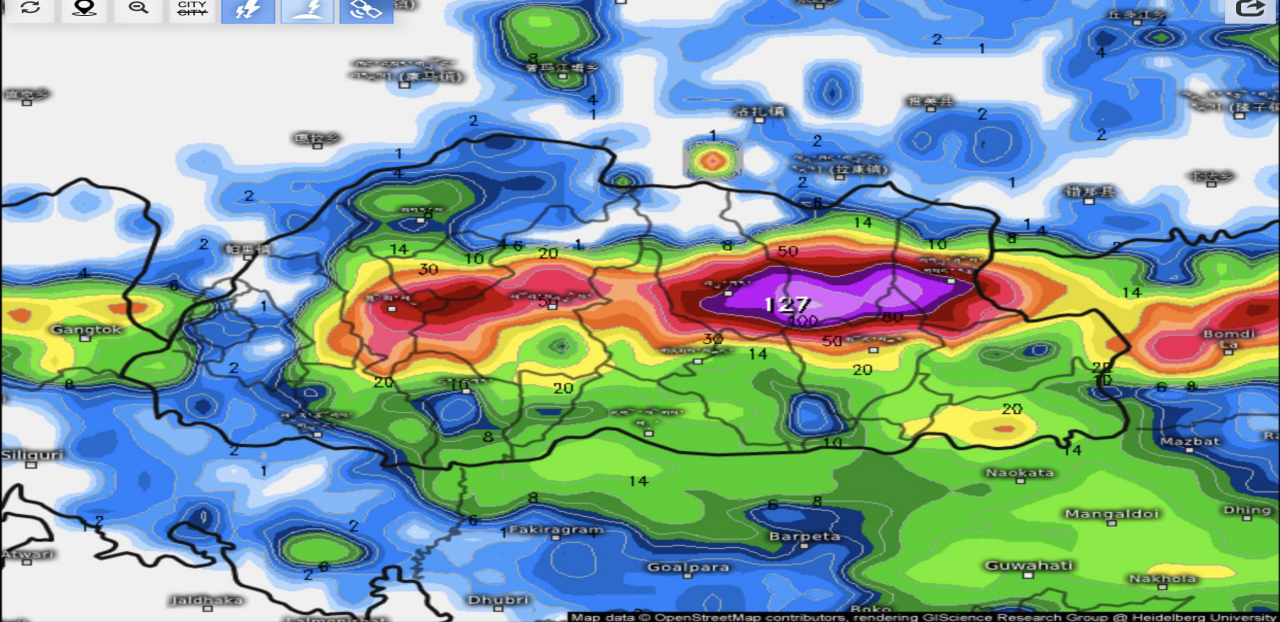
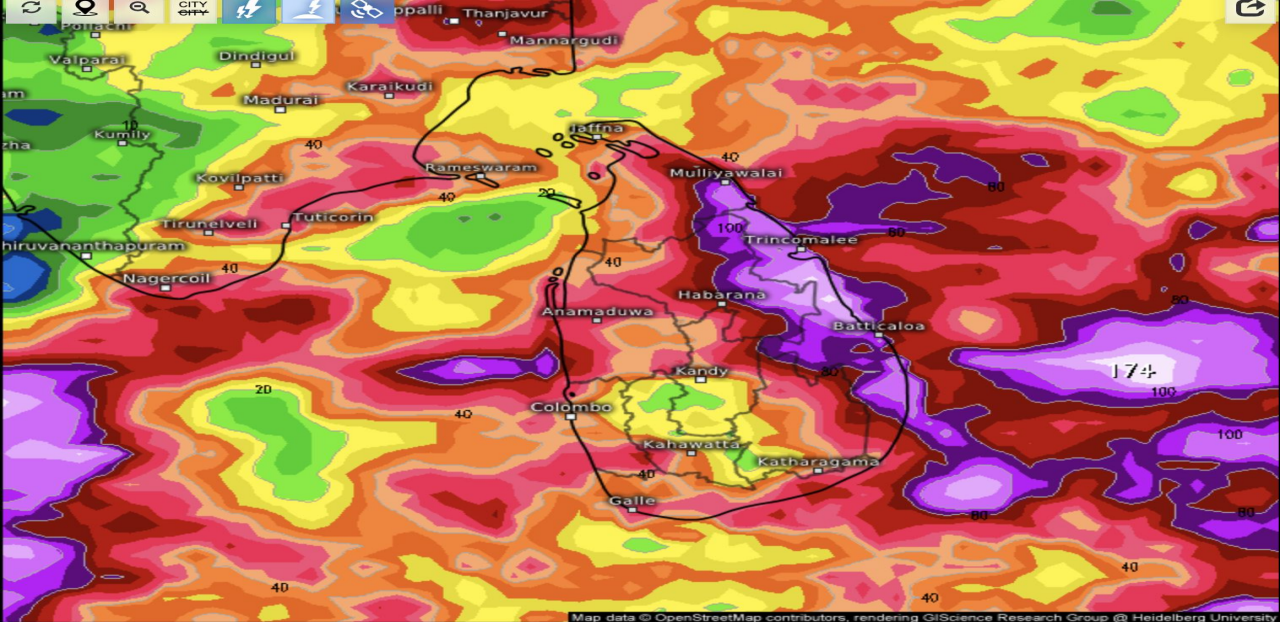
Thu 03/13/2025, 05:30am IST



Accumulated Precipitation, 7 days (Satellite) (mm)

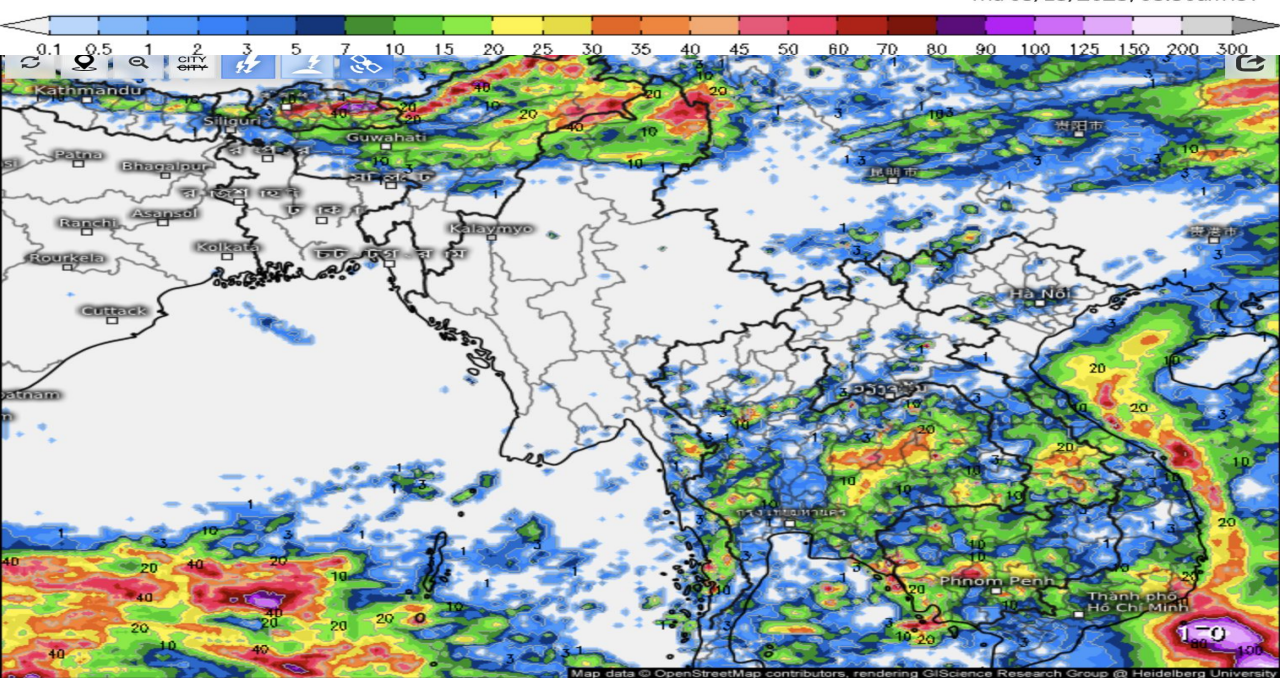
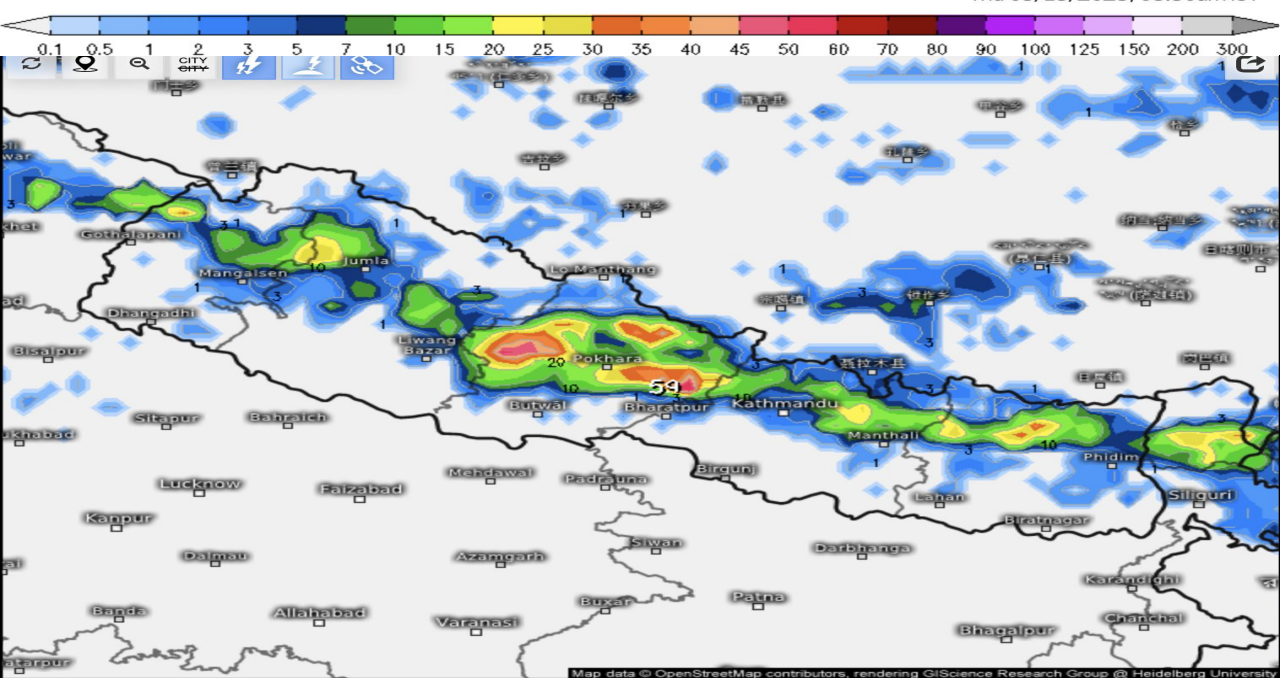
Thu 03/13/2025, 05:30am IST





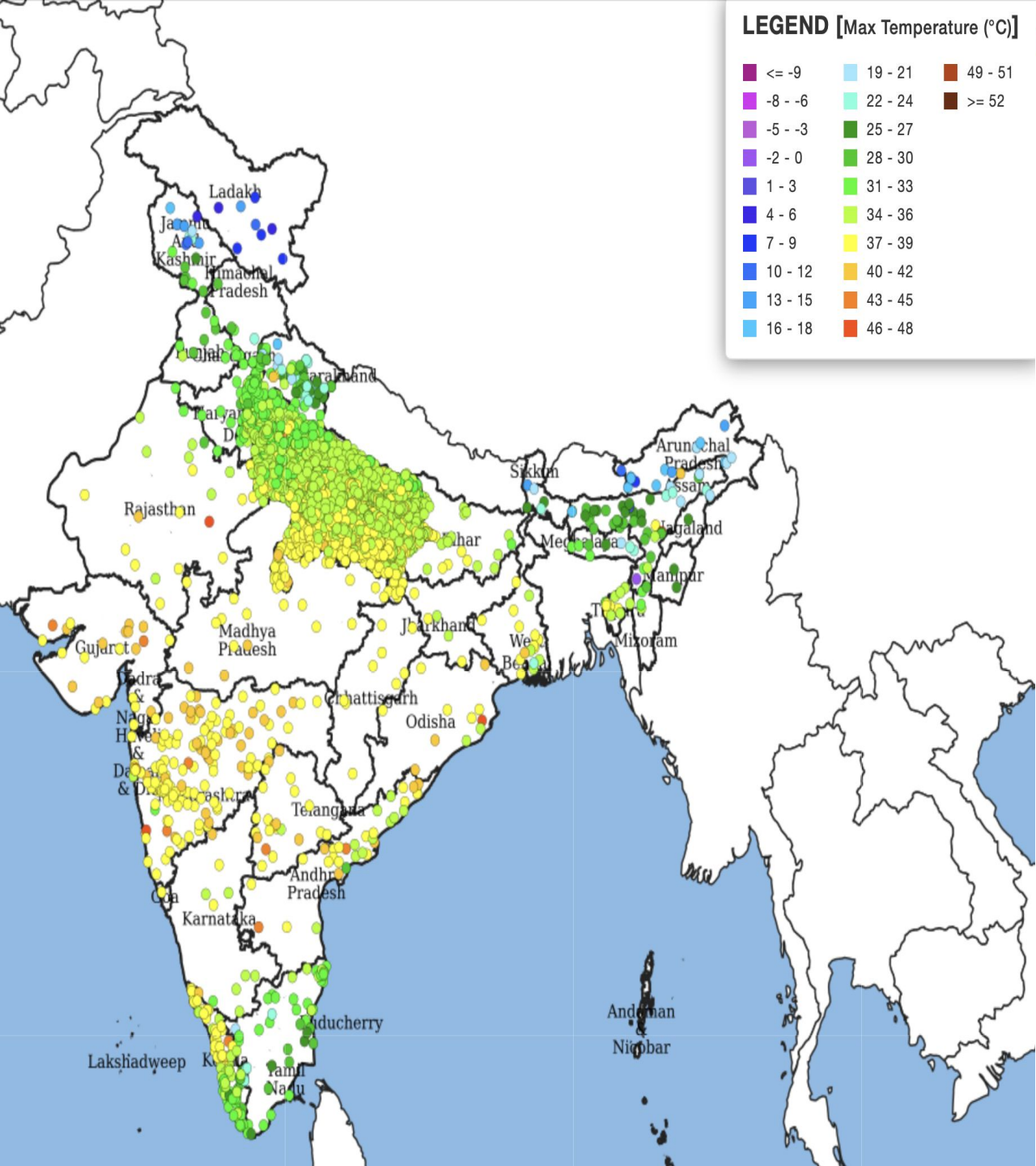
Accumulated Precipitation, 7 days (Satellite) (mm) ⓘ Thu 03/13/2025, 05:30am IST

Accumulated Precipitation, 7 days (Satellite) (mm) ⓘ Thu 03/13/2025, 05:30am IST



Accumulated Precipitation, 7 days (Satellite) (mm) ⓘ Thu 03/13/2025, 05:30am IST

Accumulated Precipitation, 7 days (Satellite) (mm) ⓘ Thu 03/13/2025, 05:30am IST



☒ Day 1 (08:30 IST 12/3/2025 - 08:30 IST 13/3/2025)

☐ Day 2 (08:30 IST 11/3/2025 - 08:30 IST 13/3/2025)

☐ Day 3 (08:30 IST 10/3/2025 - 08:30 IST 13/3/2025)

☐ Day 4 (08:30 IST 09/3/2025 - 08:30 IST 13/3/2025)

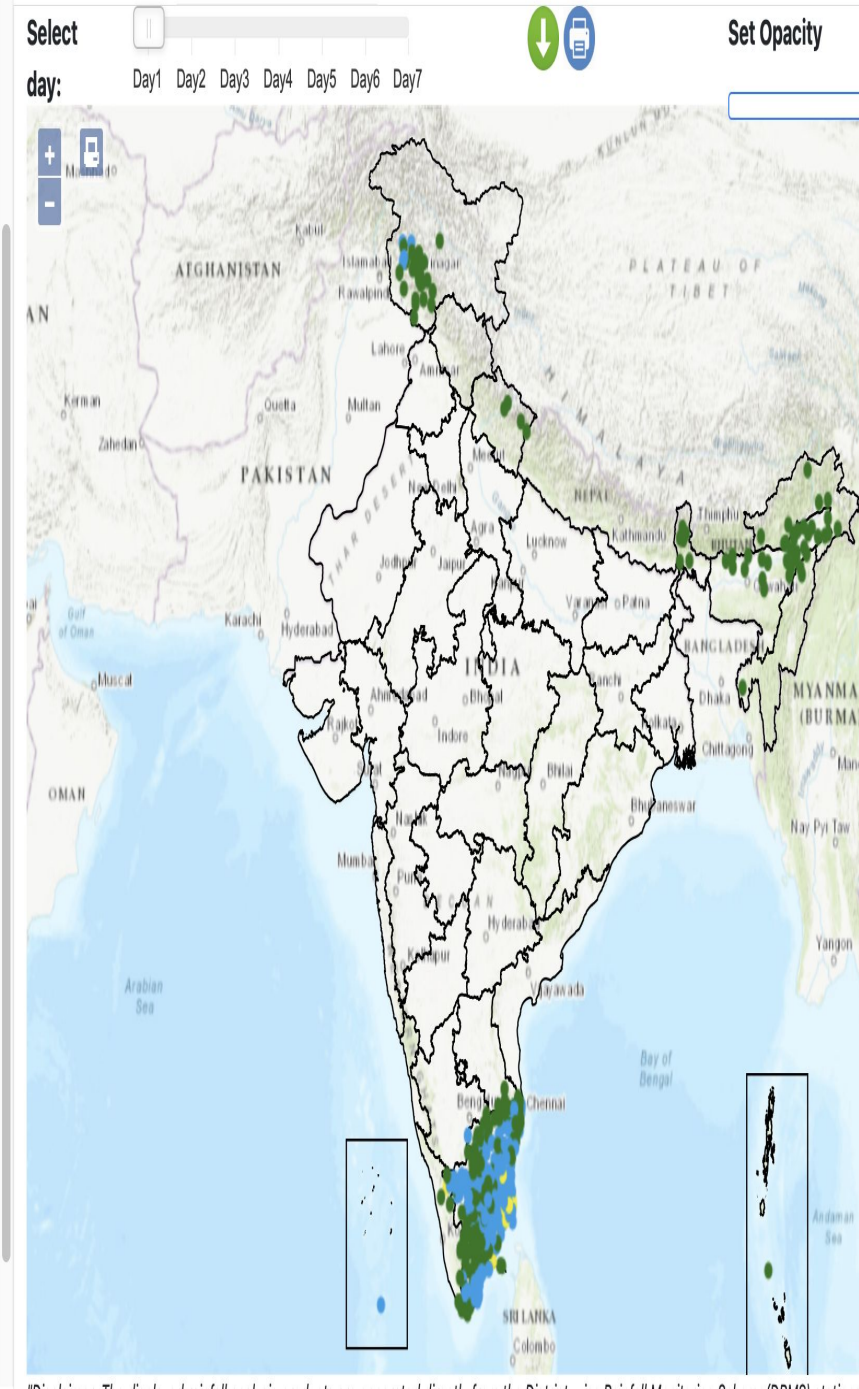
☐ Day 5 (08:30 IST 08/3/2025 - 08:30 IST 13/3/2025)

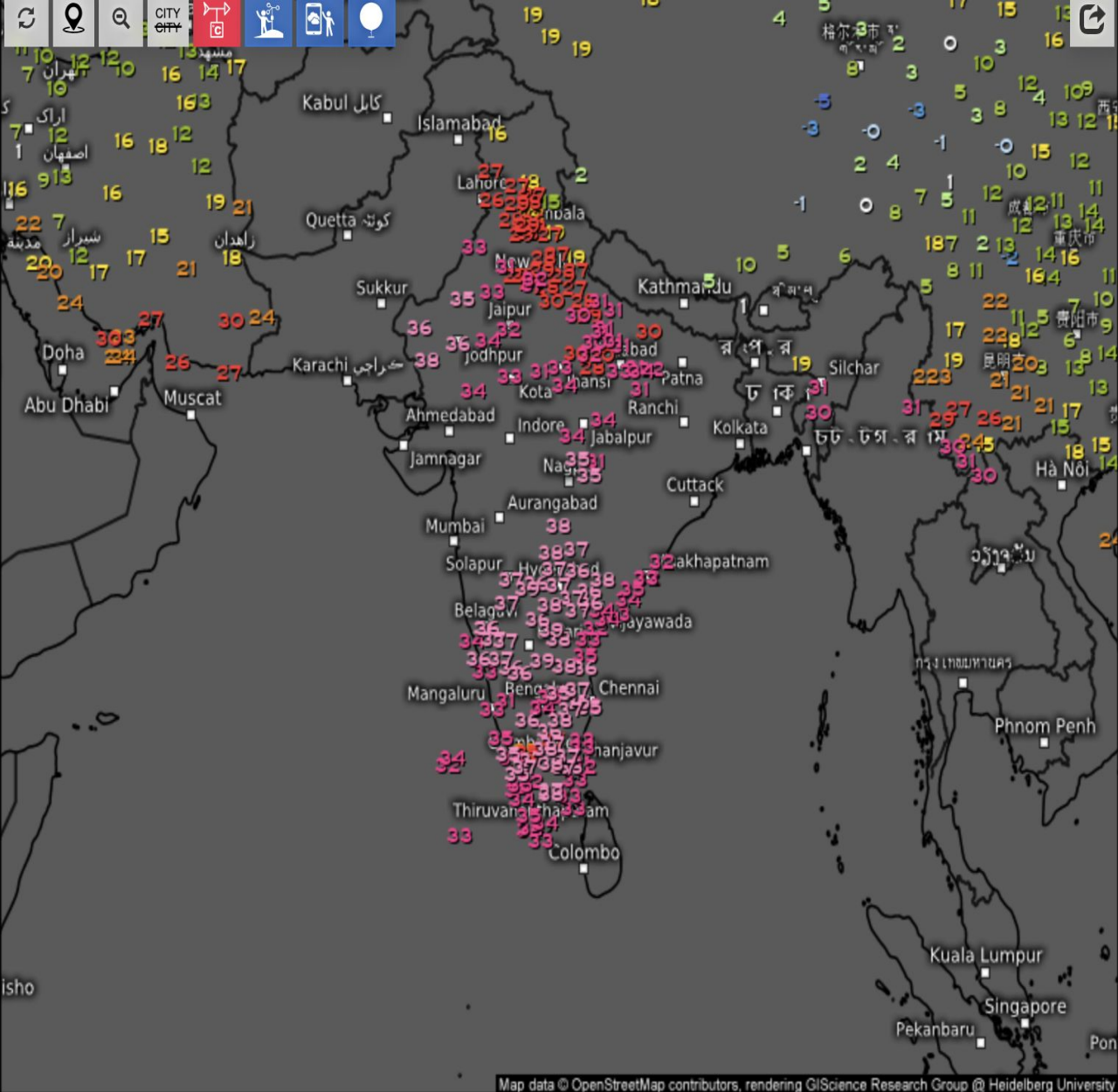
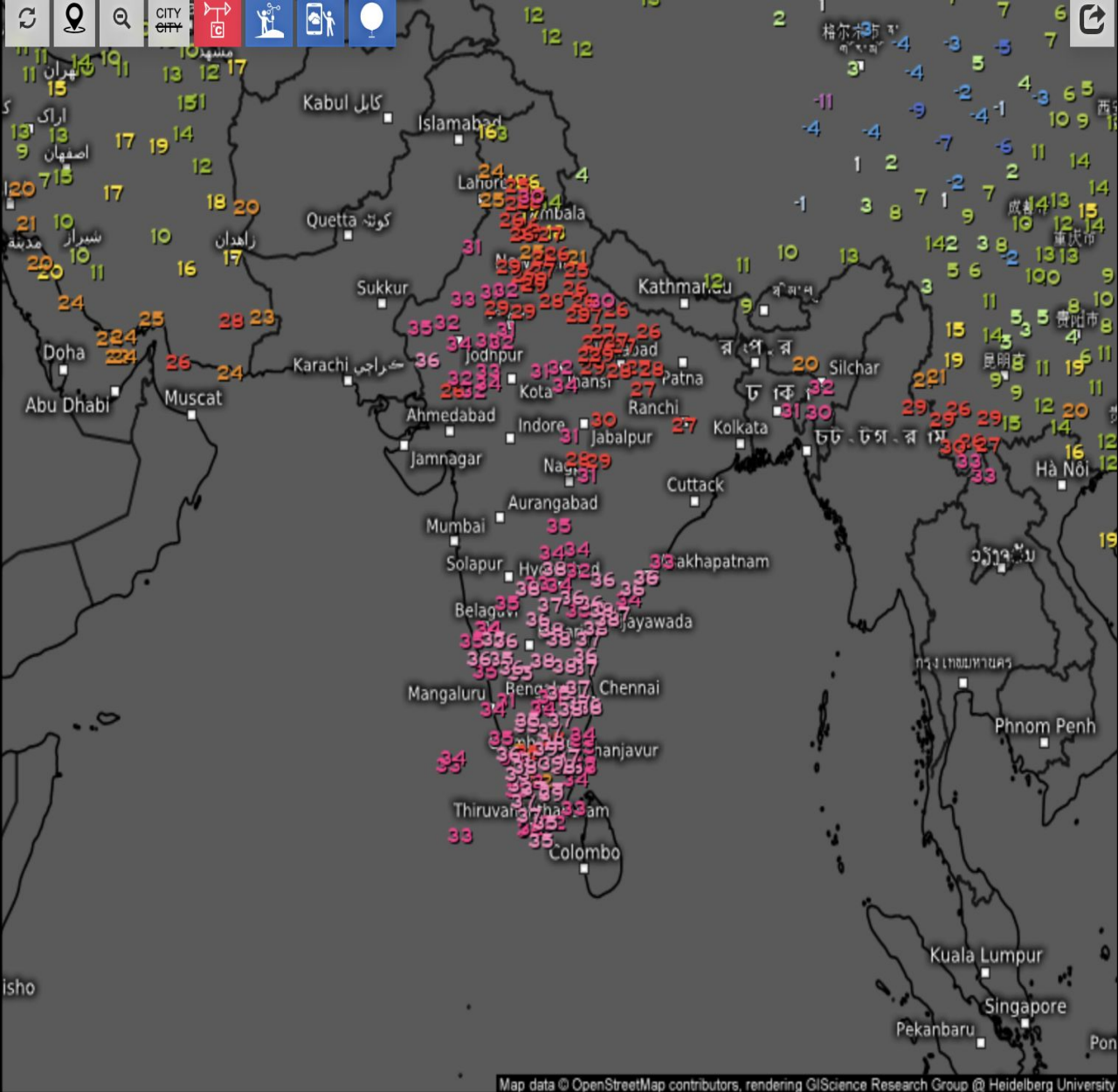
☐ Day 6 (08:30 IST 07/3/2025 - 08:30 IST 13/3/2025)

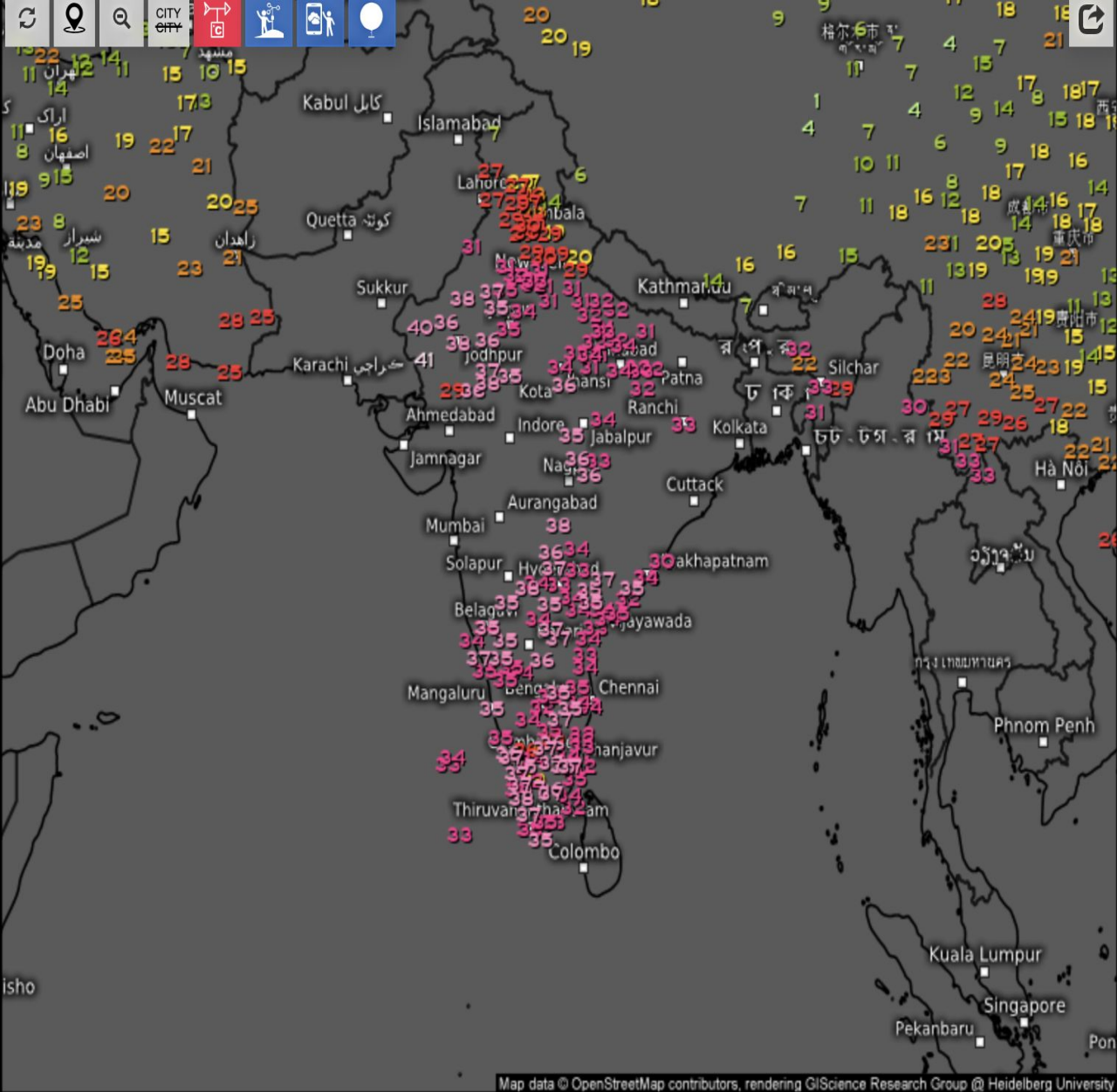
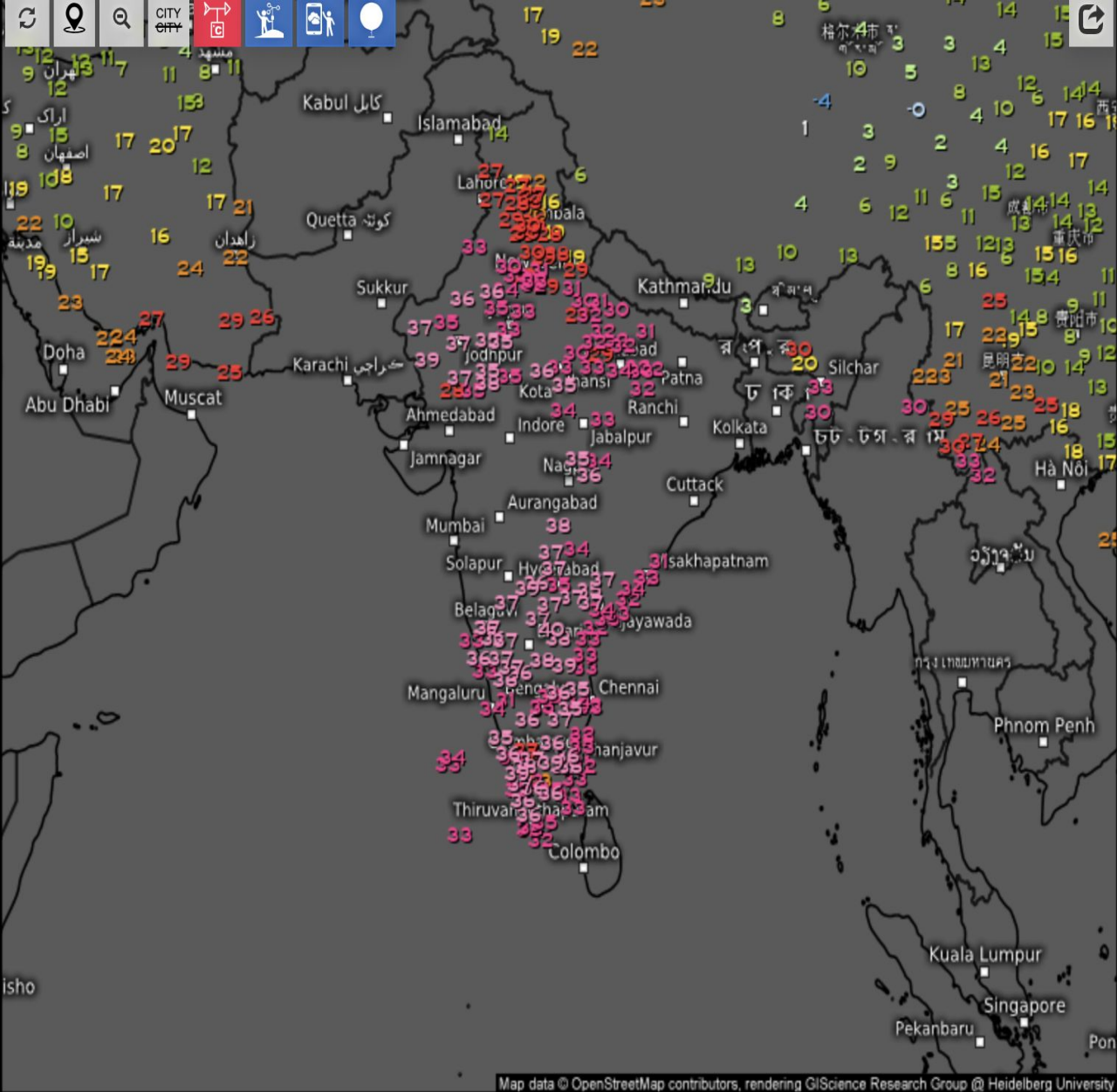
☐ Day 7 (08:30 IST 06/3/2025 - 08:30 IST 13/3/2025)

Legend: (Rainfall in mm)

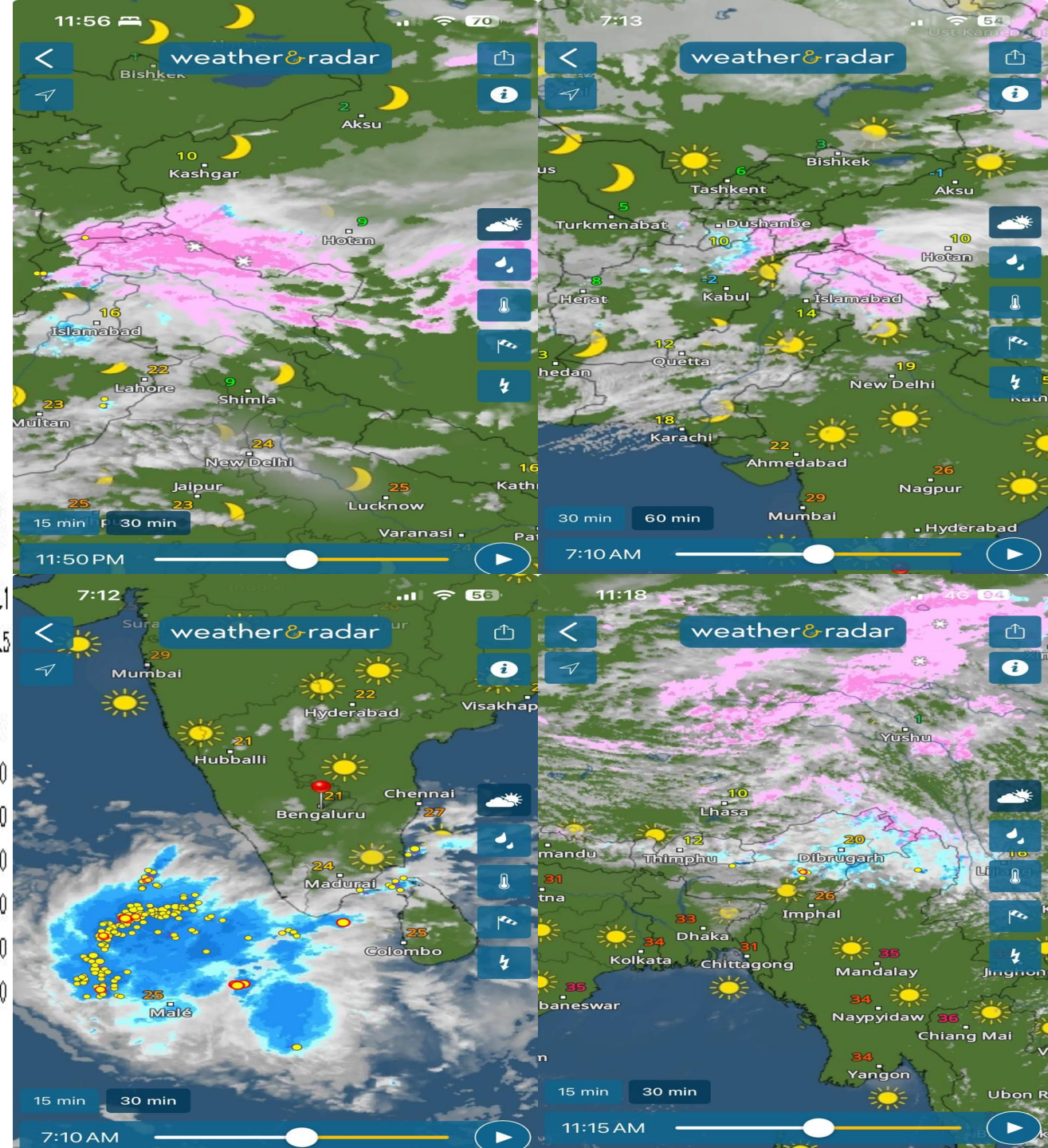
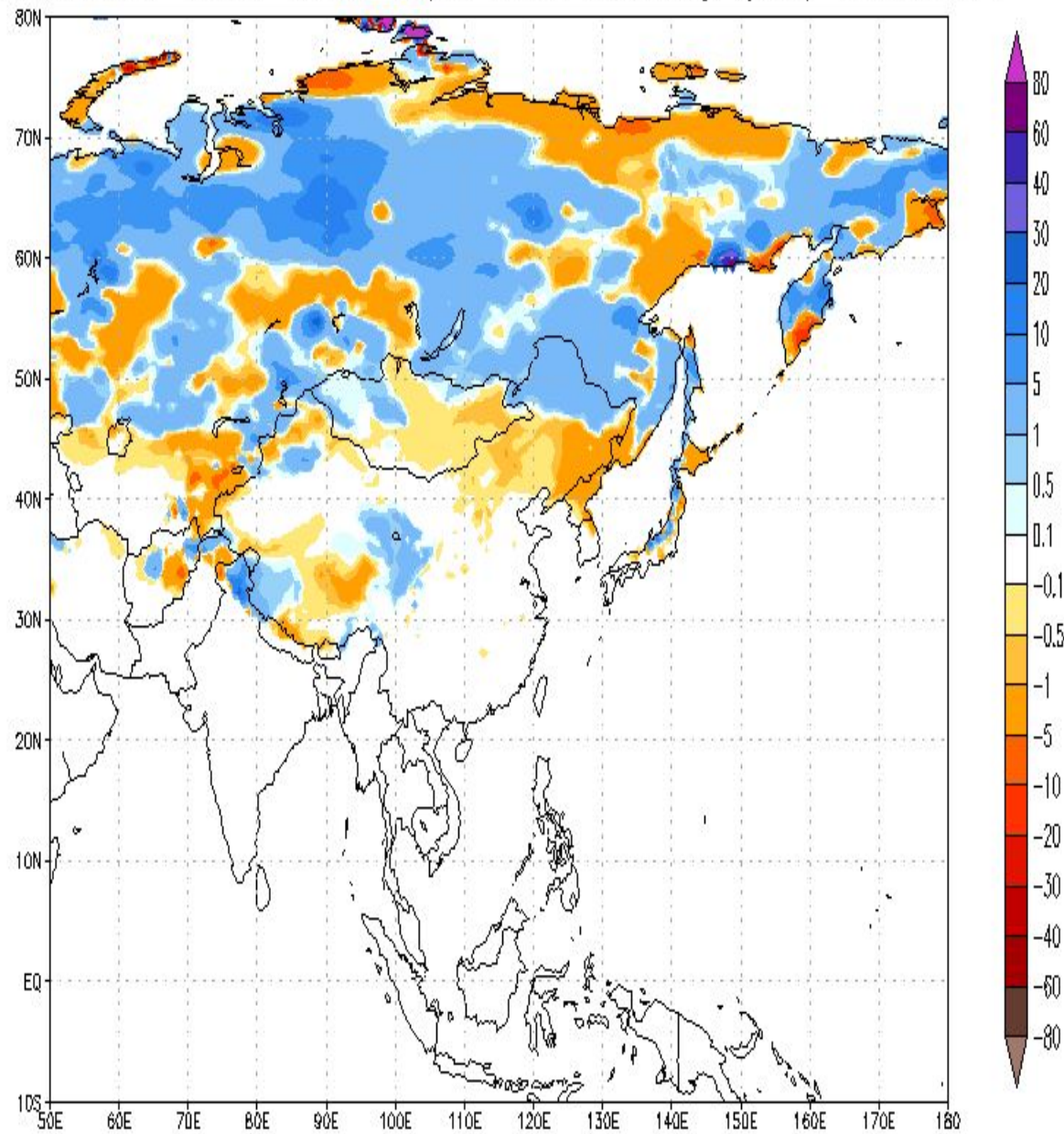
- Very light to light rainfall (0.1 - 15.5 mm)
- Moderate Rainfall (15.6 - 64.4 mm)
- Heavy Rainfall (64.5 - 115.5 mm)
- Very Heavy Rainfall (115.6 - 204.4 mm)
- Extremely Heavy Rainfall (>=204.4 mm)





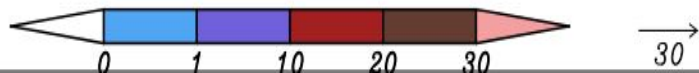
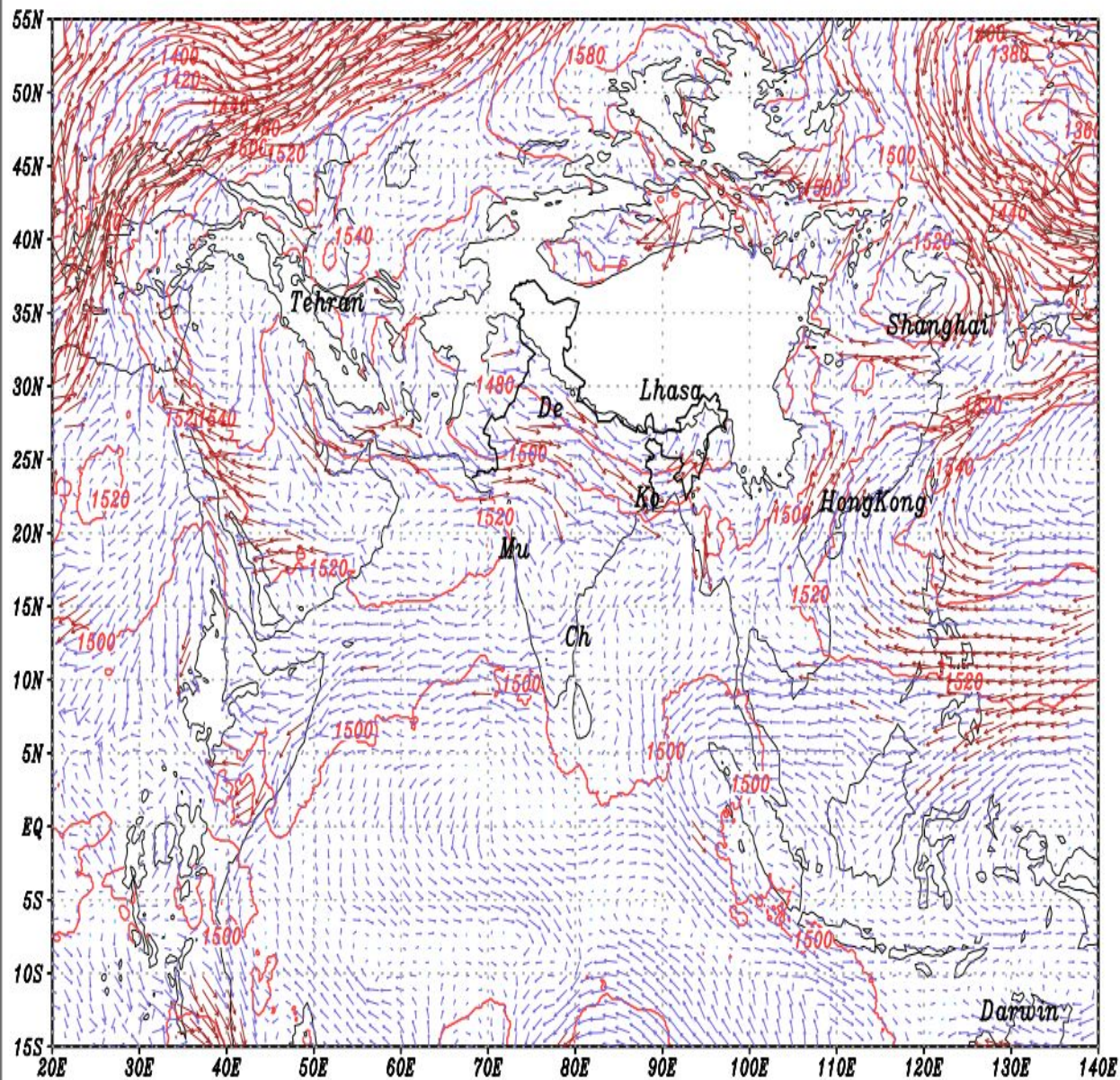


Calculated Snow Water Equivalent Anomaly (cm) 20250311



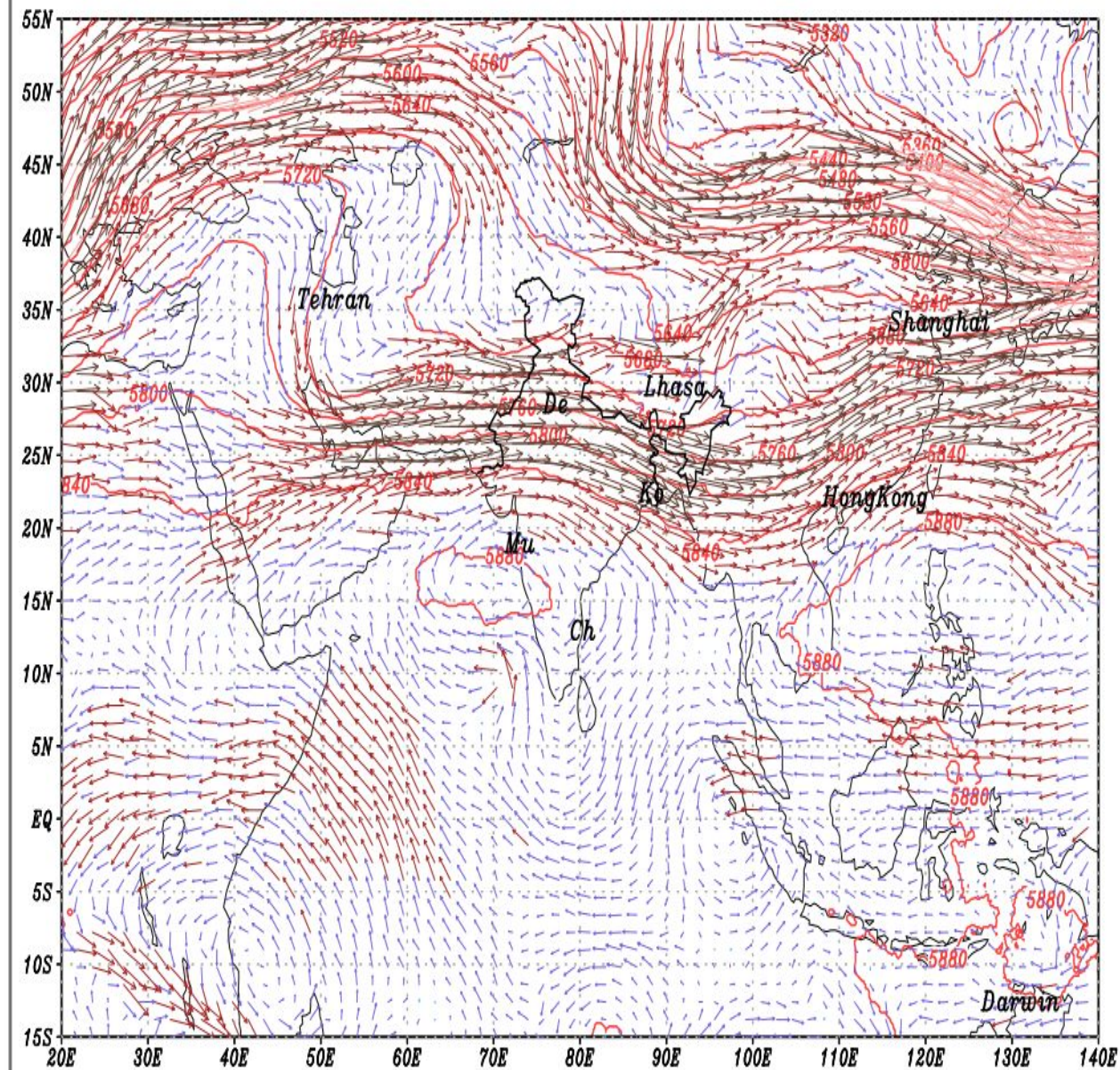
NCUM ANALYSIS VALID ON 00Z13MAR2025

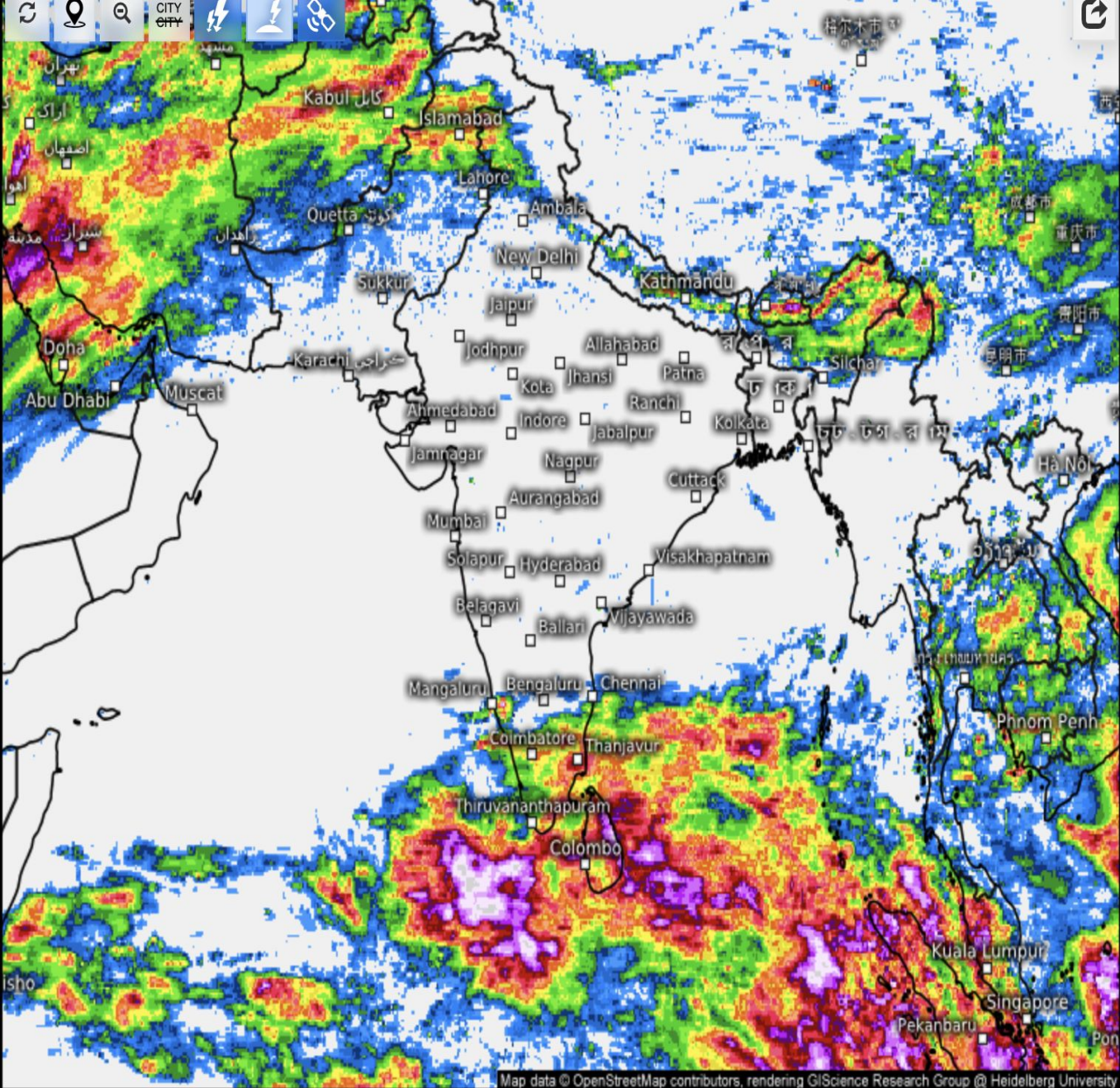
850 hPa GEOP(m) & WINDS(m/s)



NCUM ANALYSIS VALID ON 00Z13MAR2025

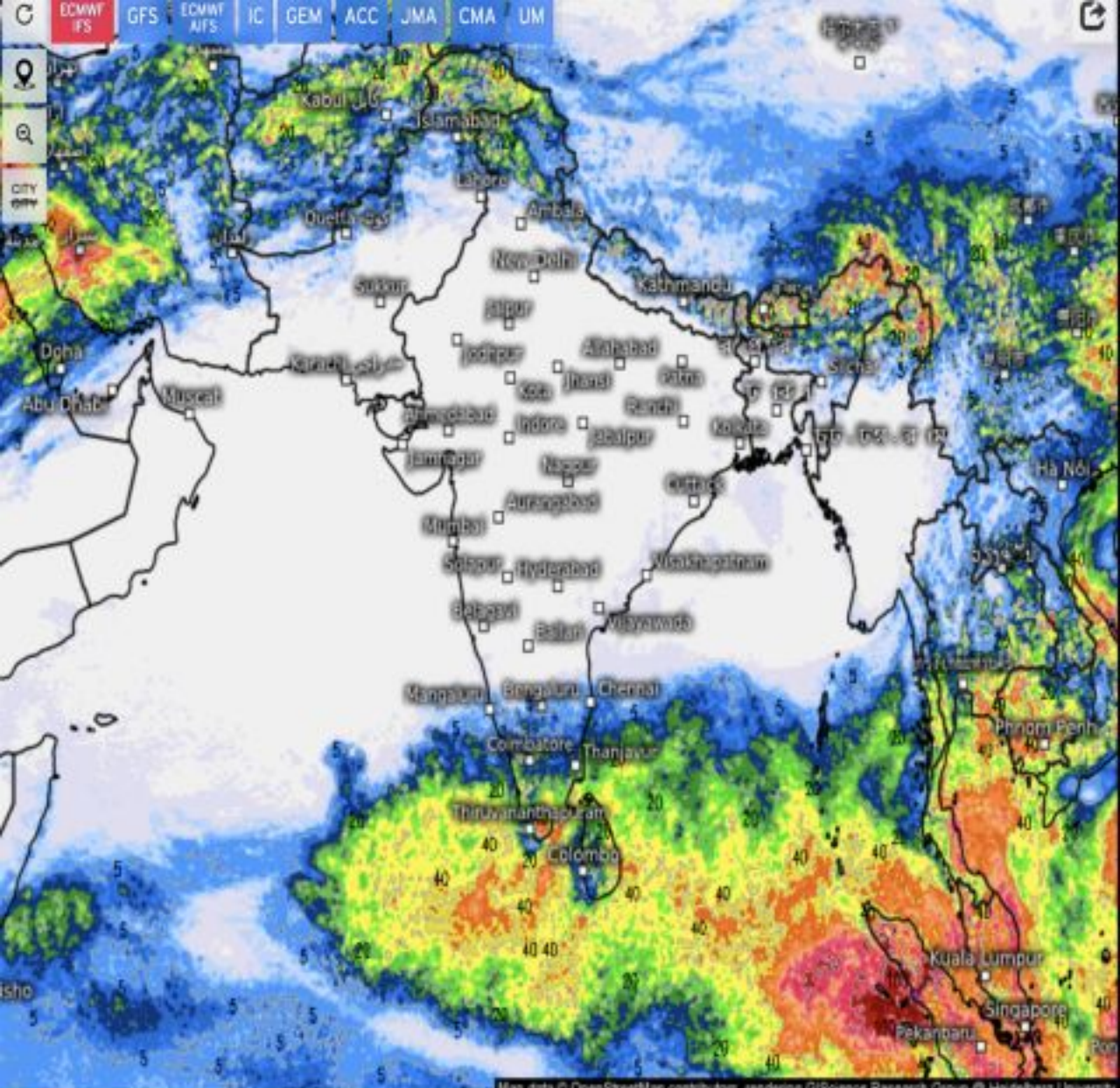
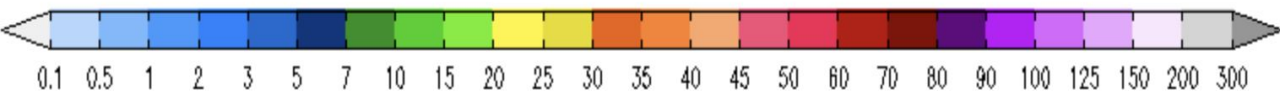
500 hPa GEOP(m) & WINDS(m/s)





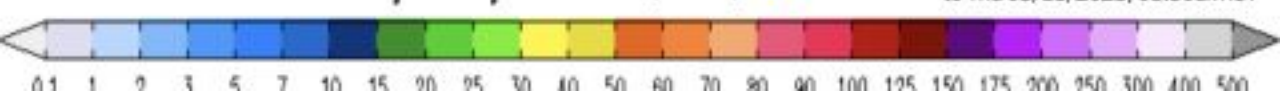
Accumulated Precipitation, 7 days (Satellite) (mm) ⓘ

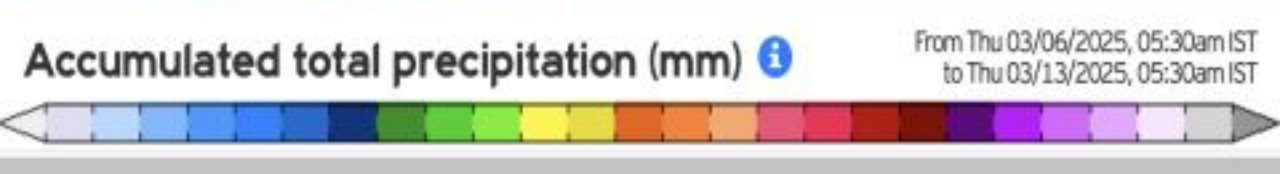
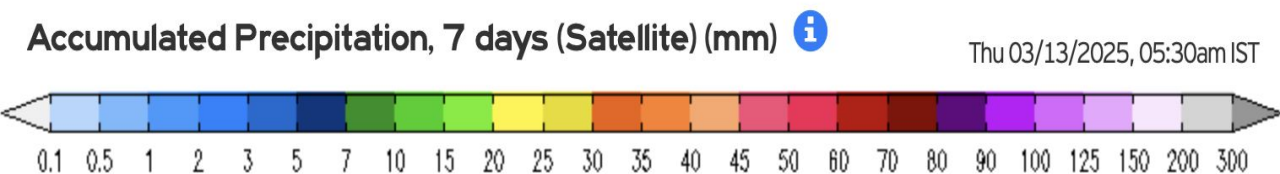
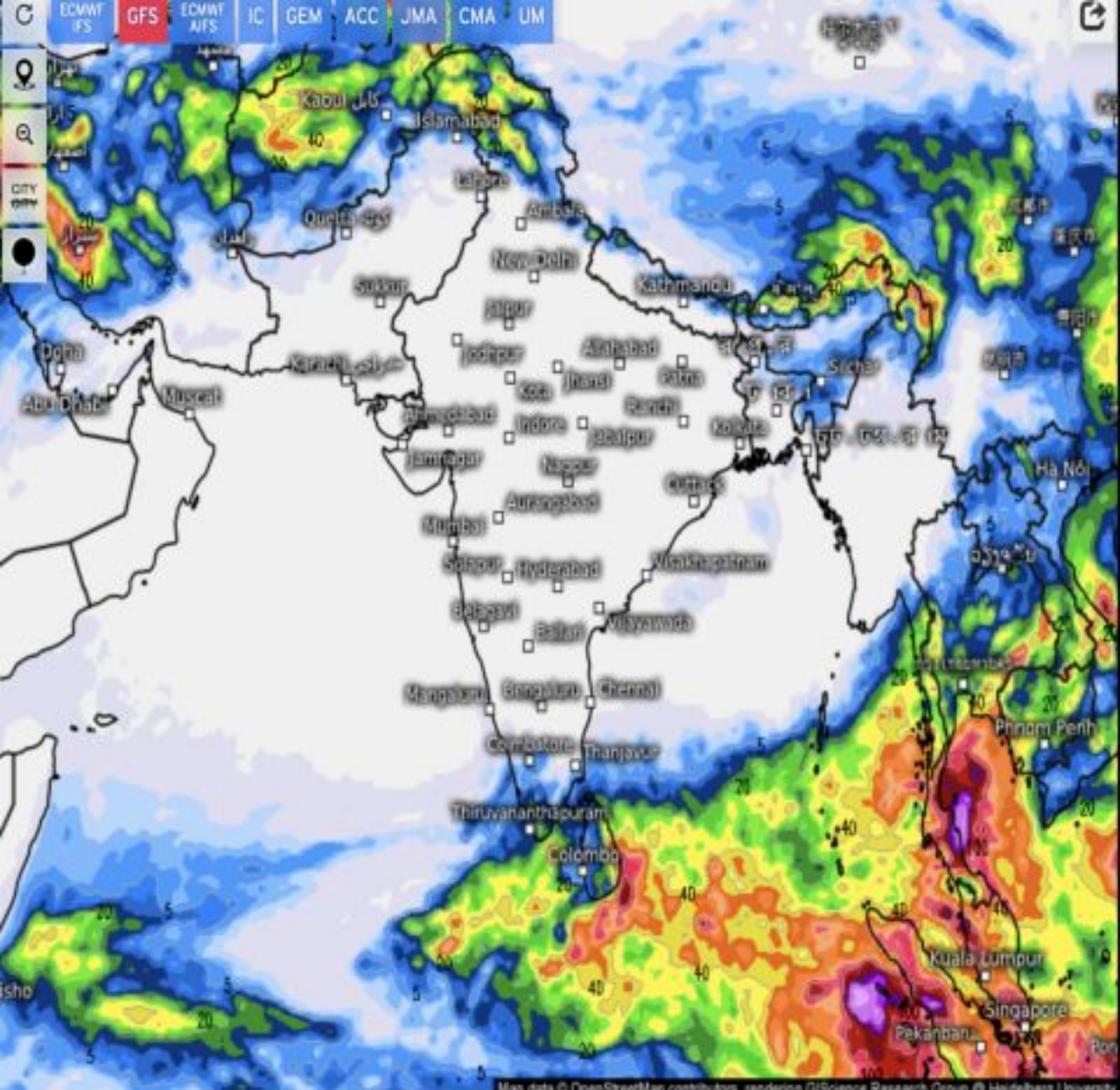
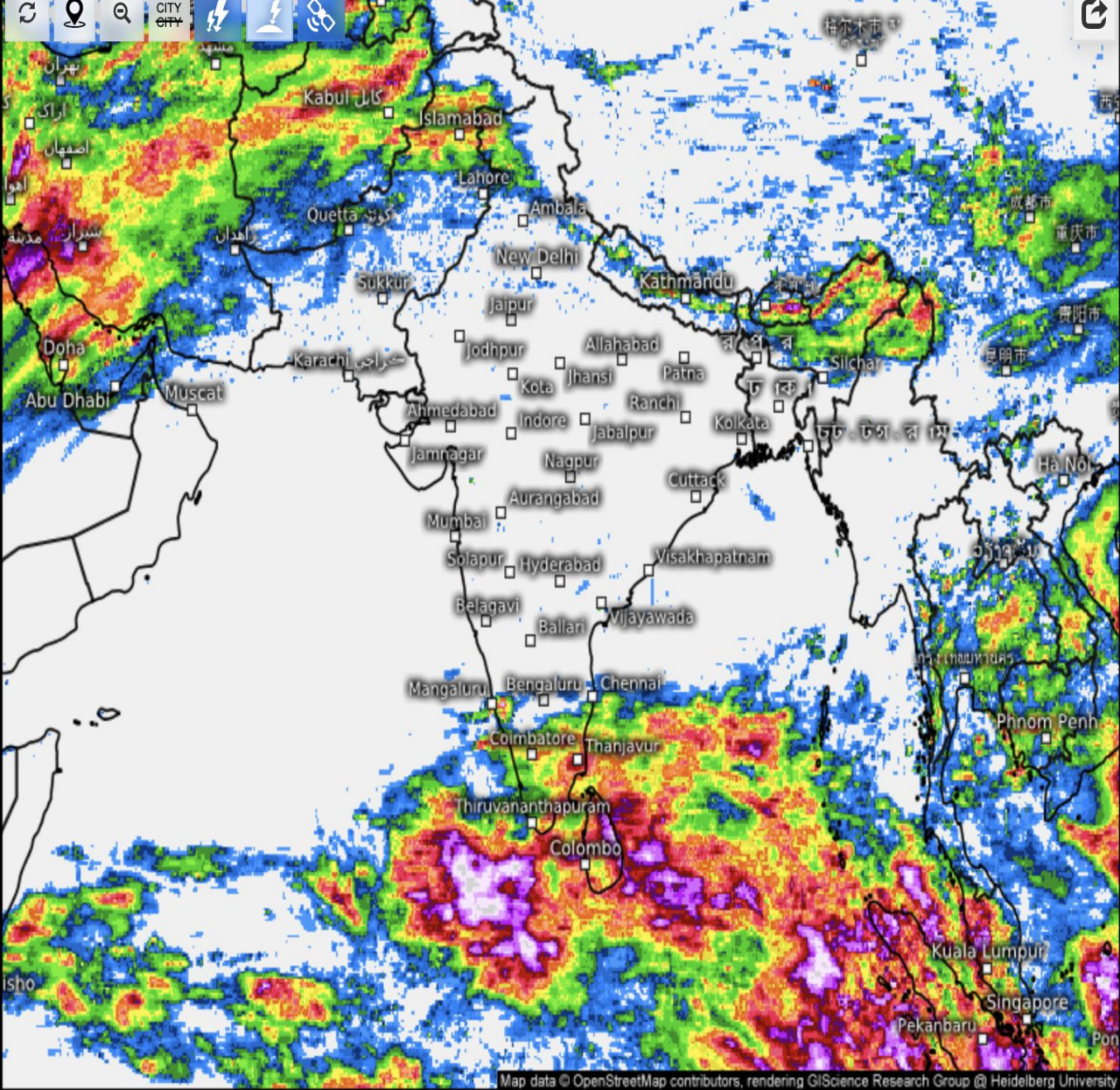
Thu 03/13/2025, 05:30am IST

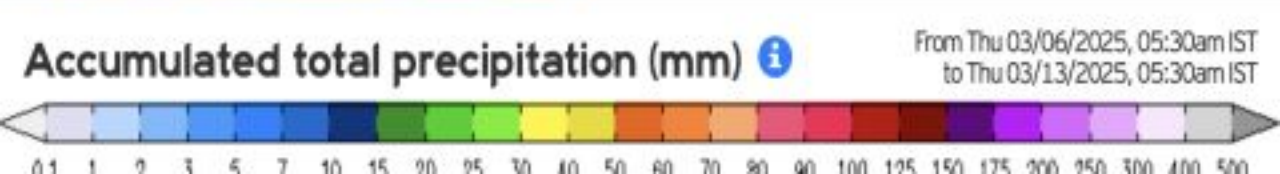
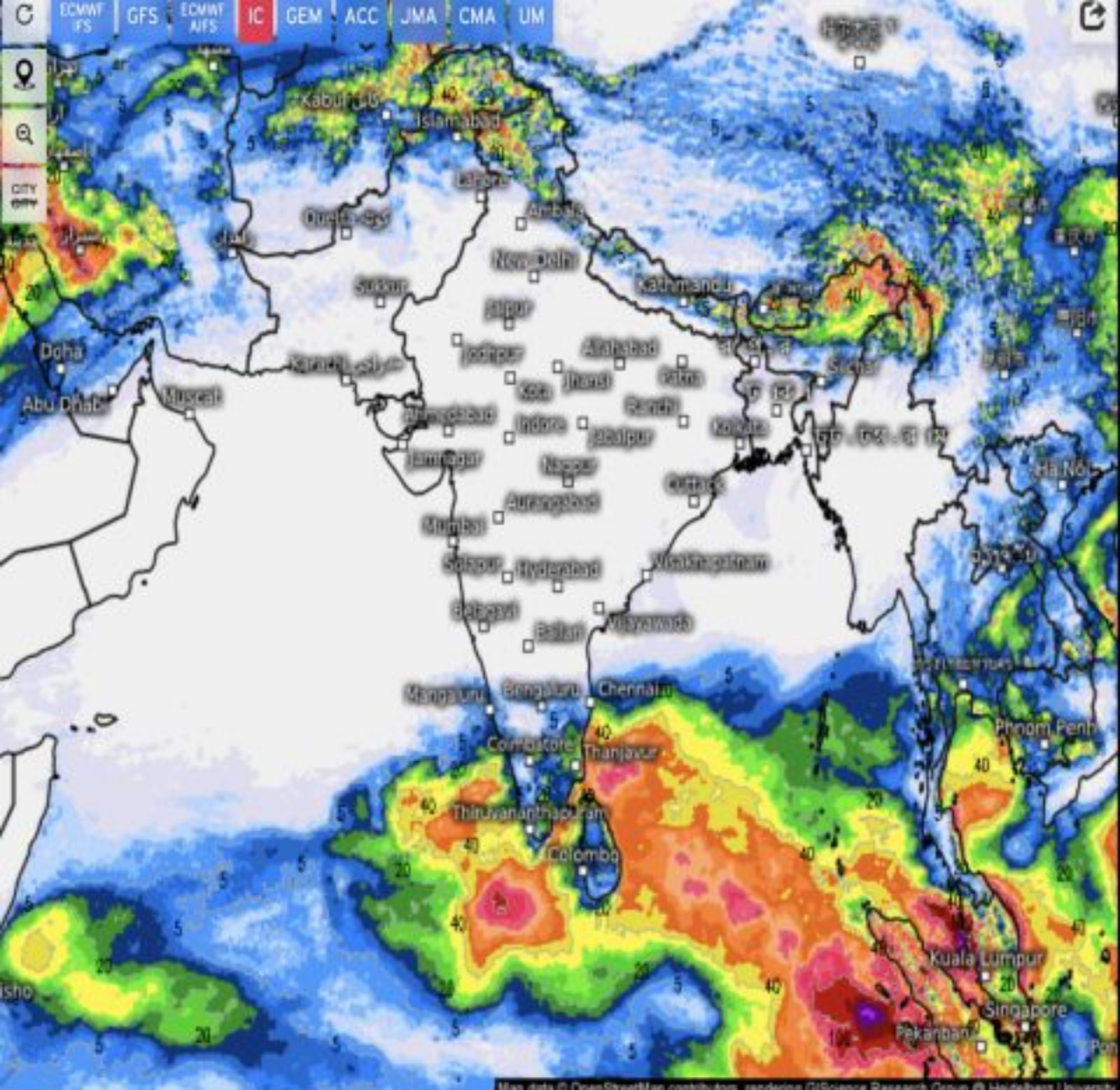
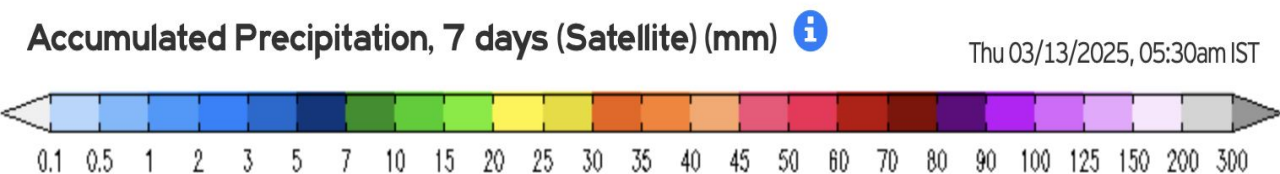
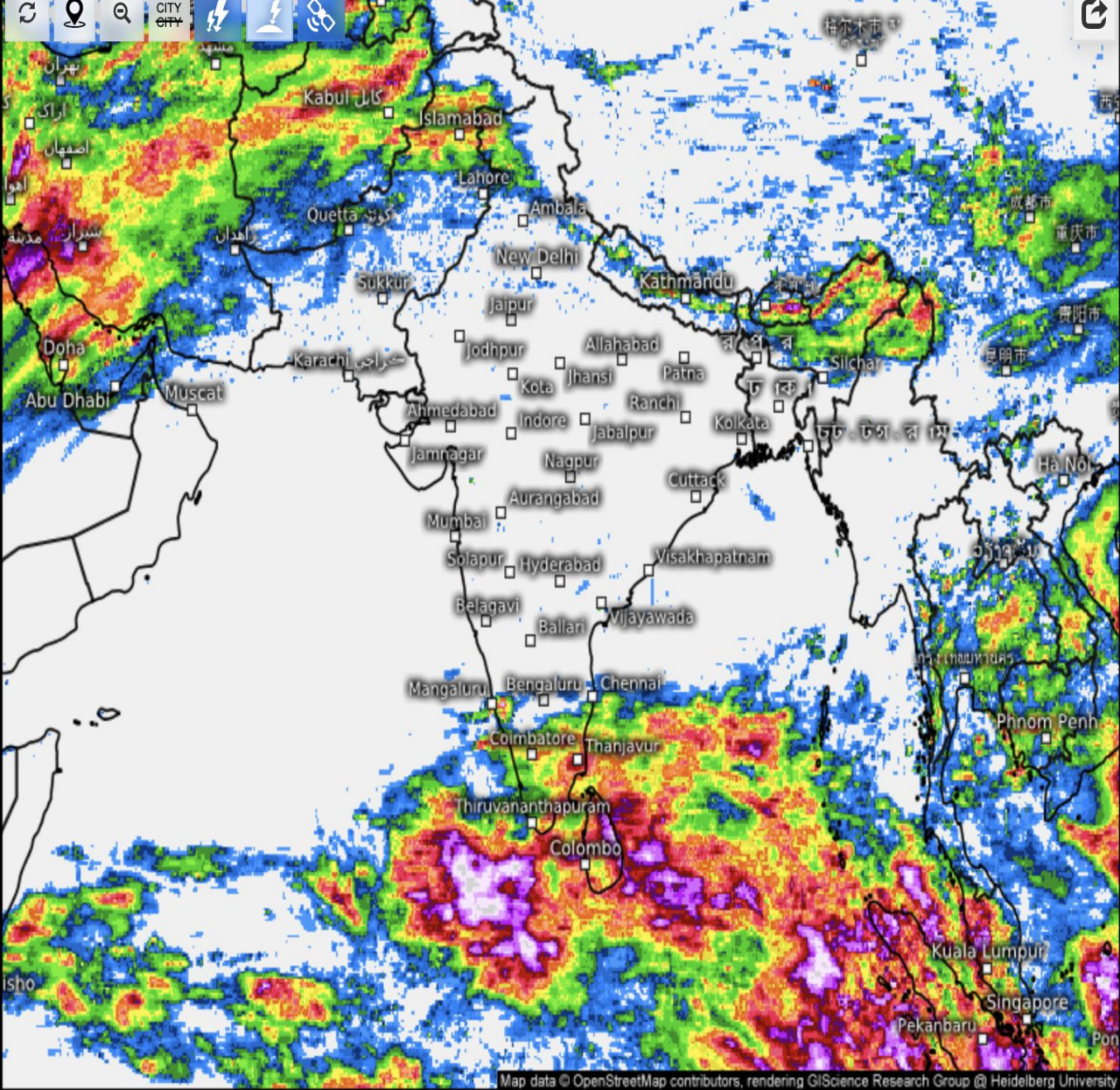


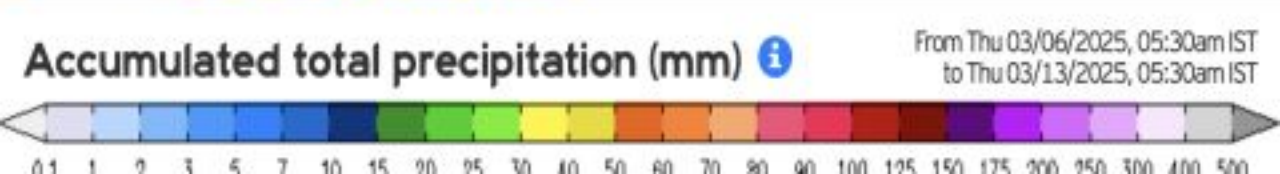
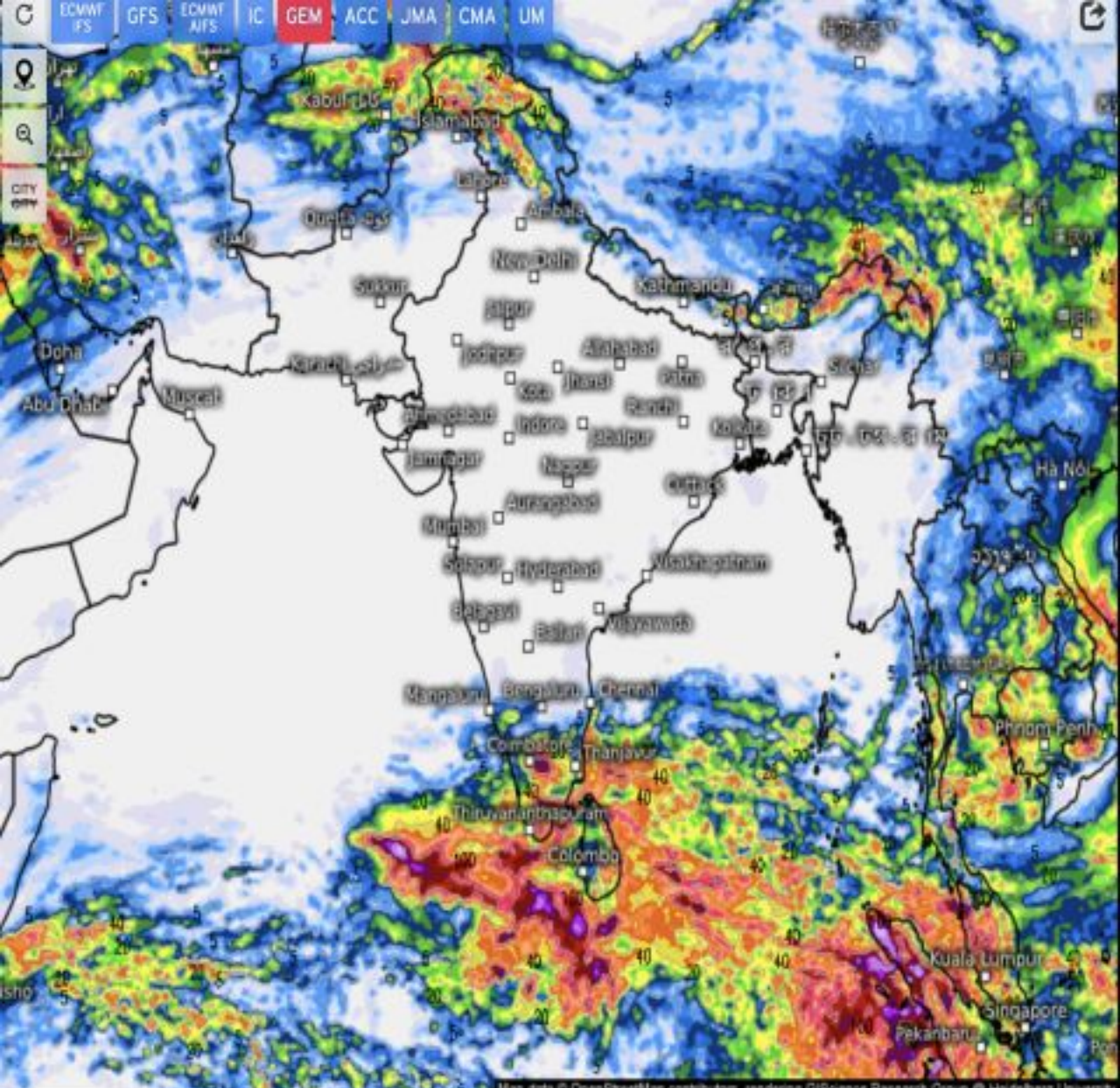
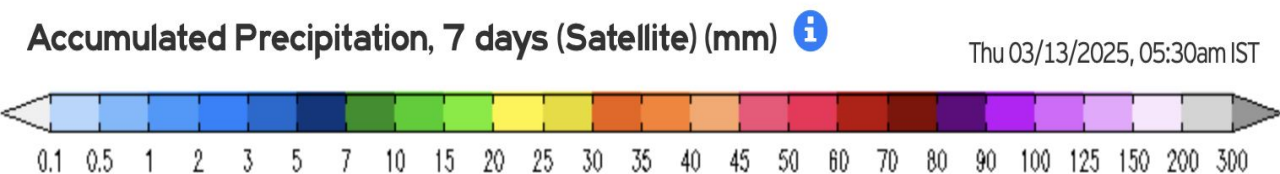
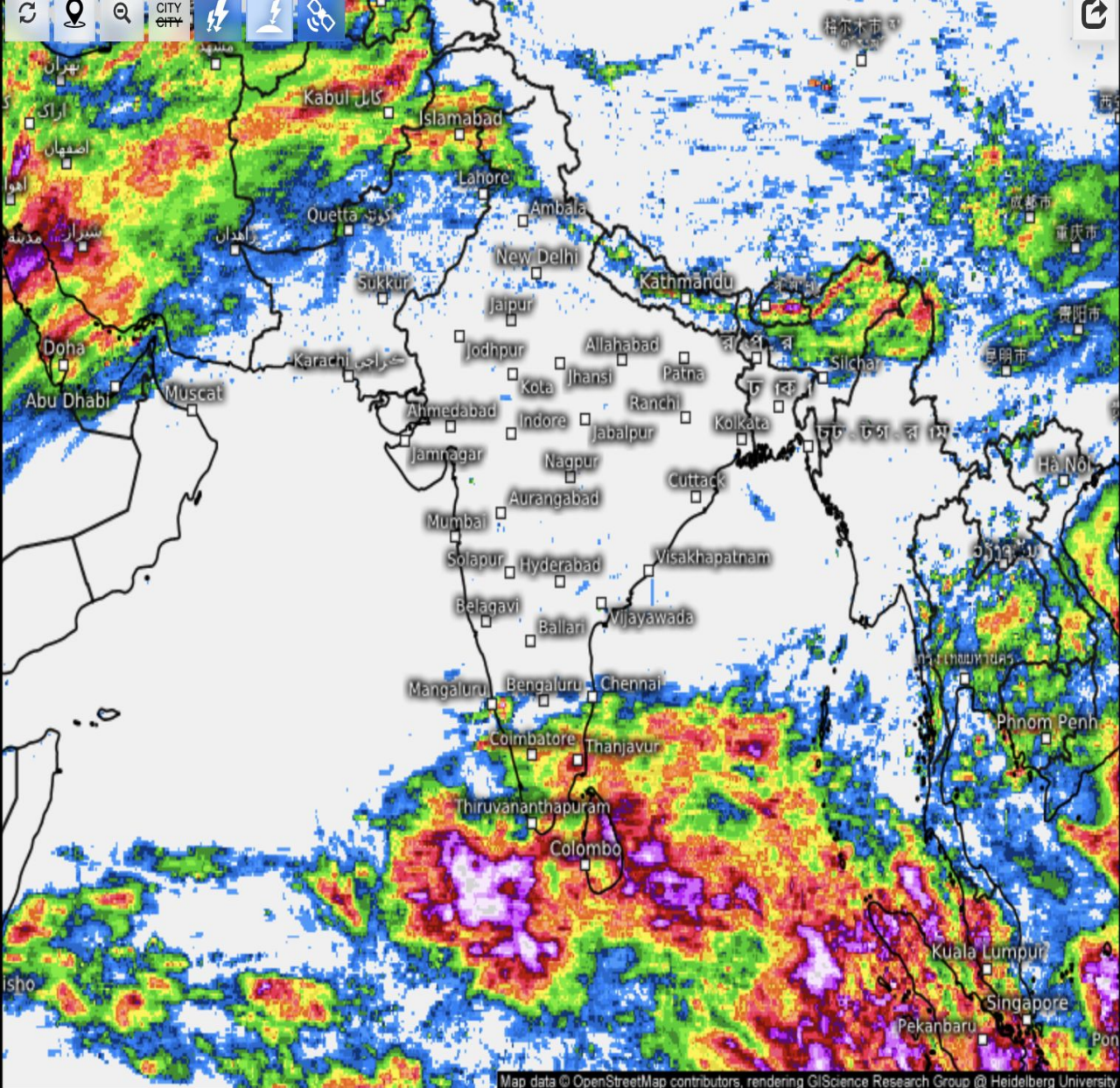
Accumulated total precipitation (mm) ⓘ

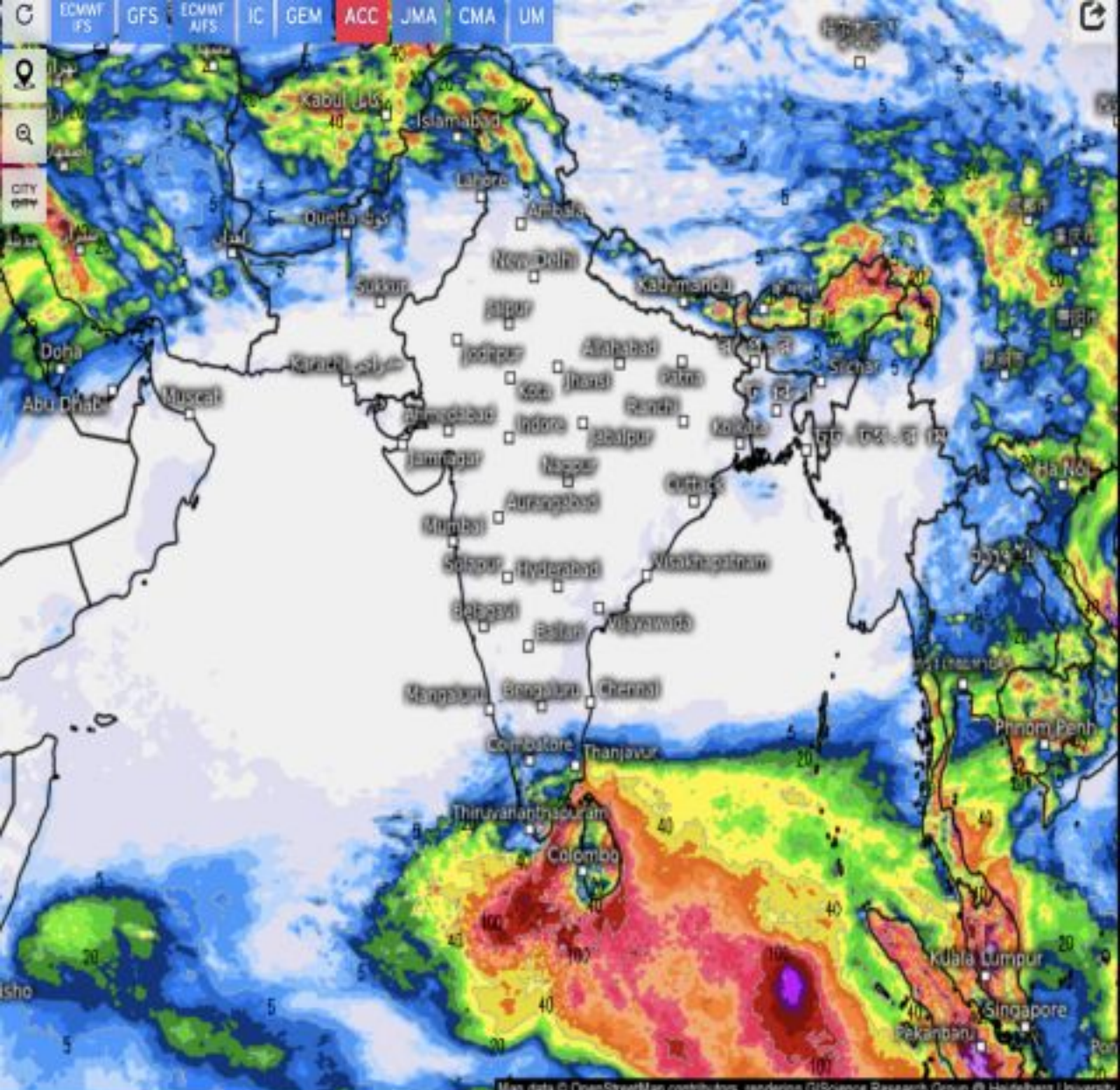
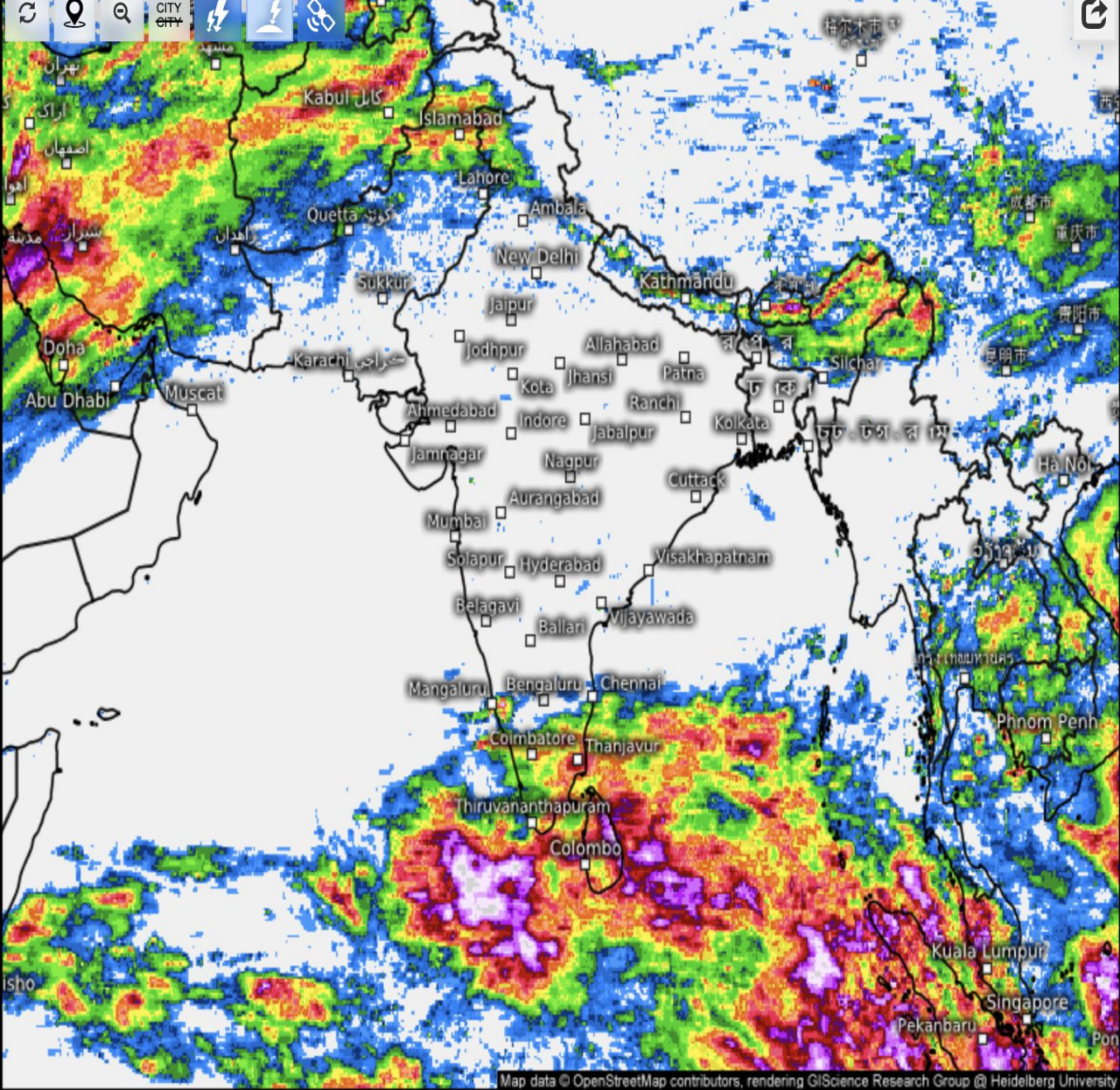
From Thu 03/06/2025, 05:30am IST
to Thu 03/13/2025, 05:30am IST





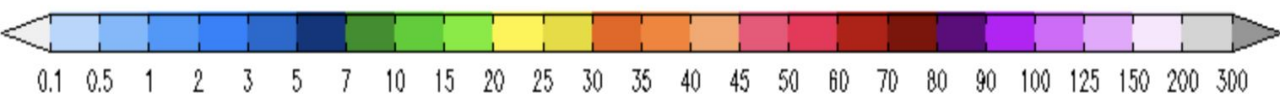






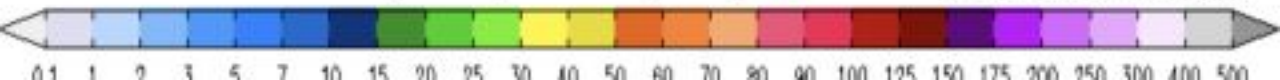
Accumulated Precipitation, 7 days (Satellite) (mm)

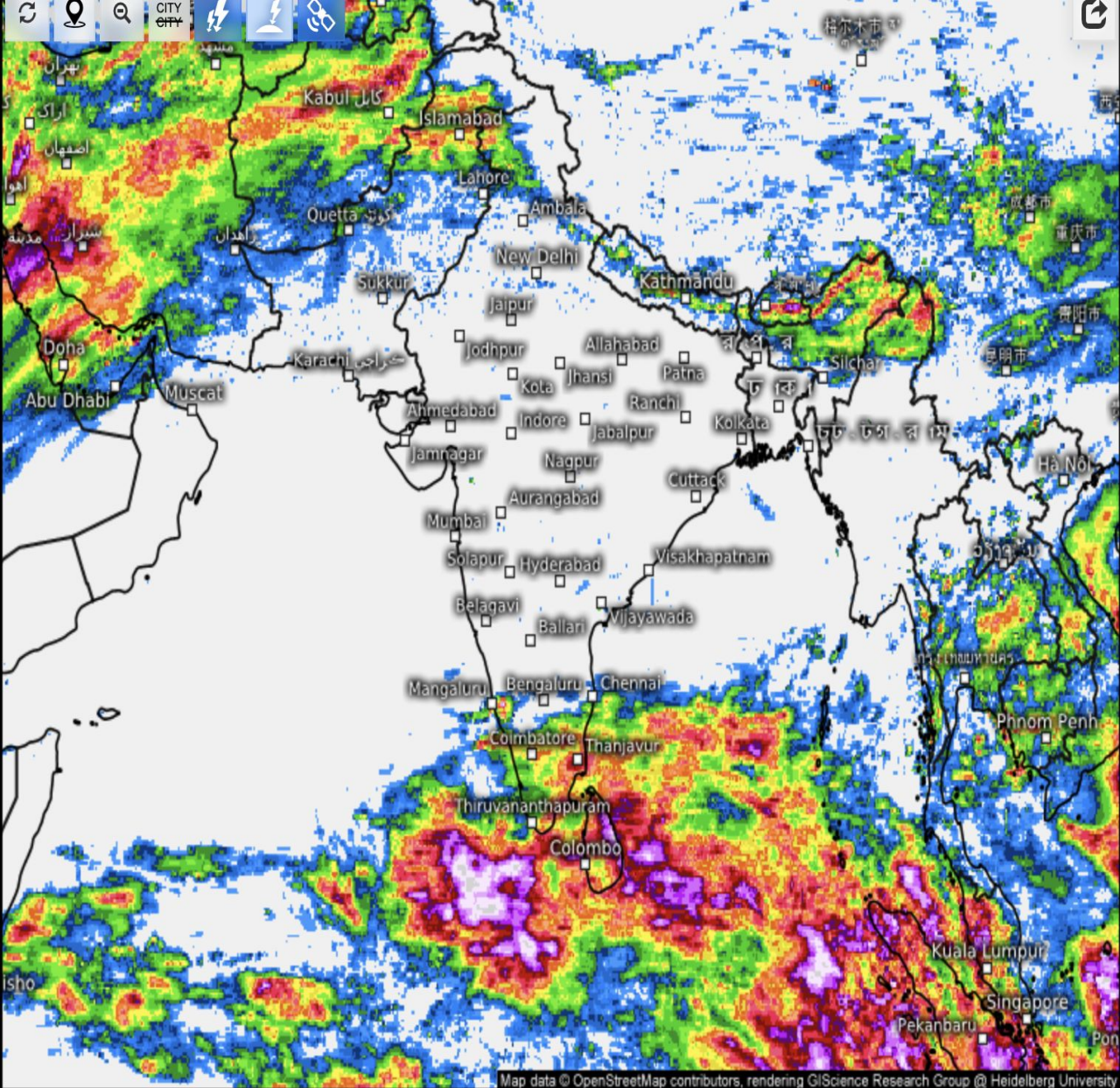
Thu 03/13/2025, 05:30am IST



Accumulated total precipitation (mm)

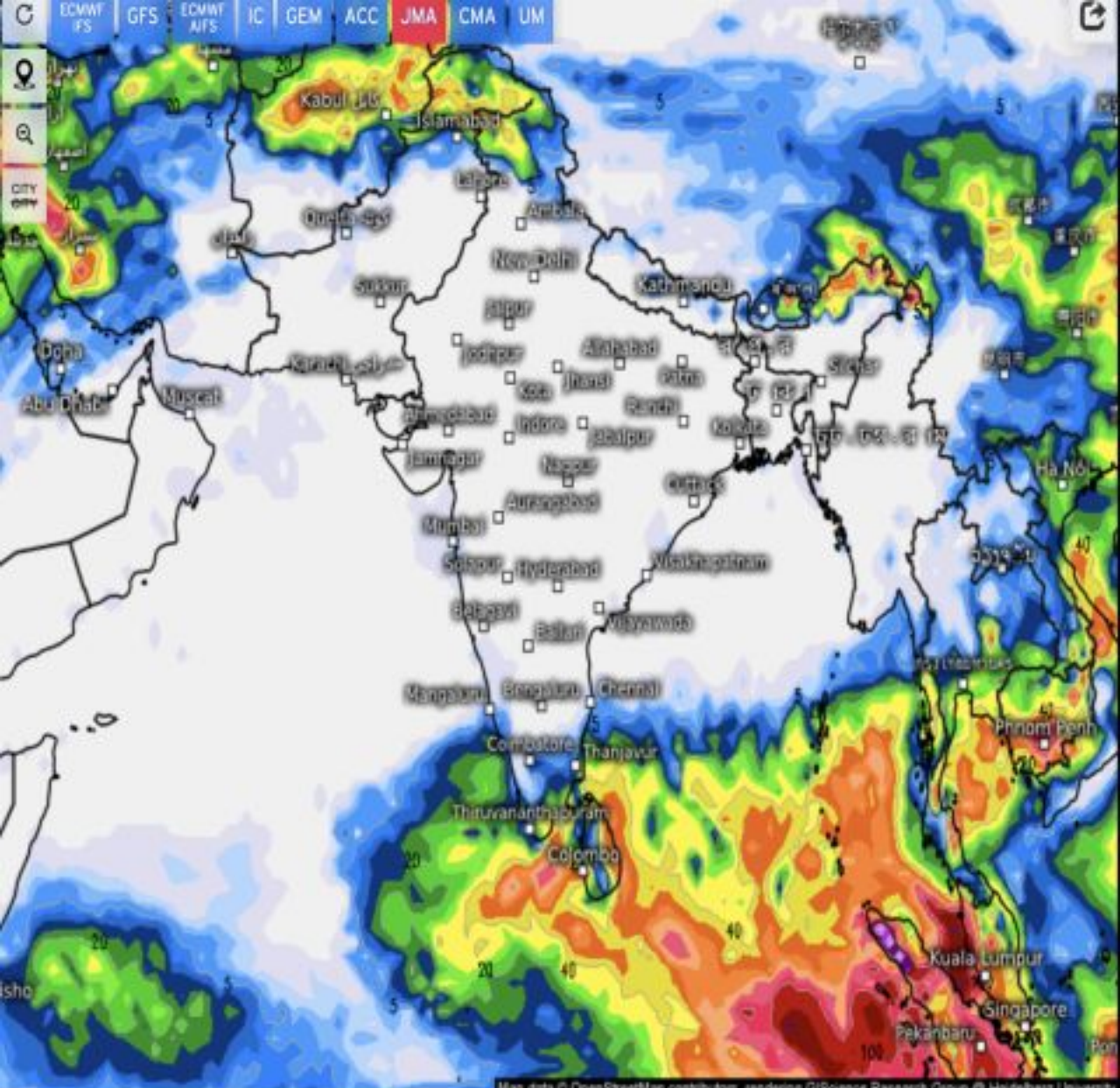
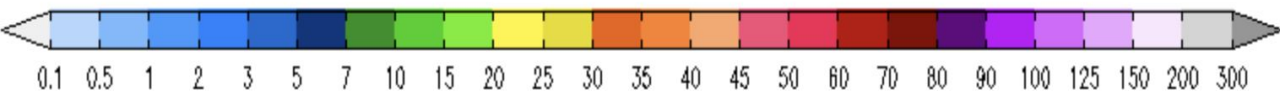
From Wed 03/05/2025, 05:30pm IST
to Thu 03/13/2025, 05:30am IST





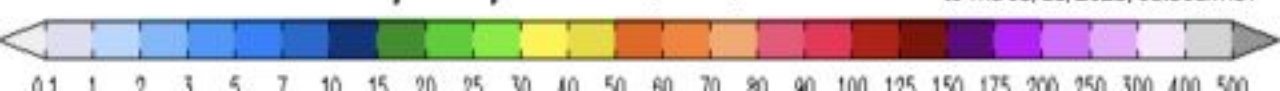
Accumulated Precipitation, 7 days (Satellite) (mm) 

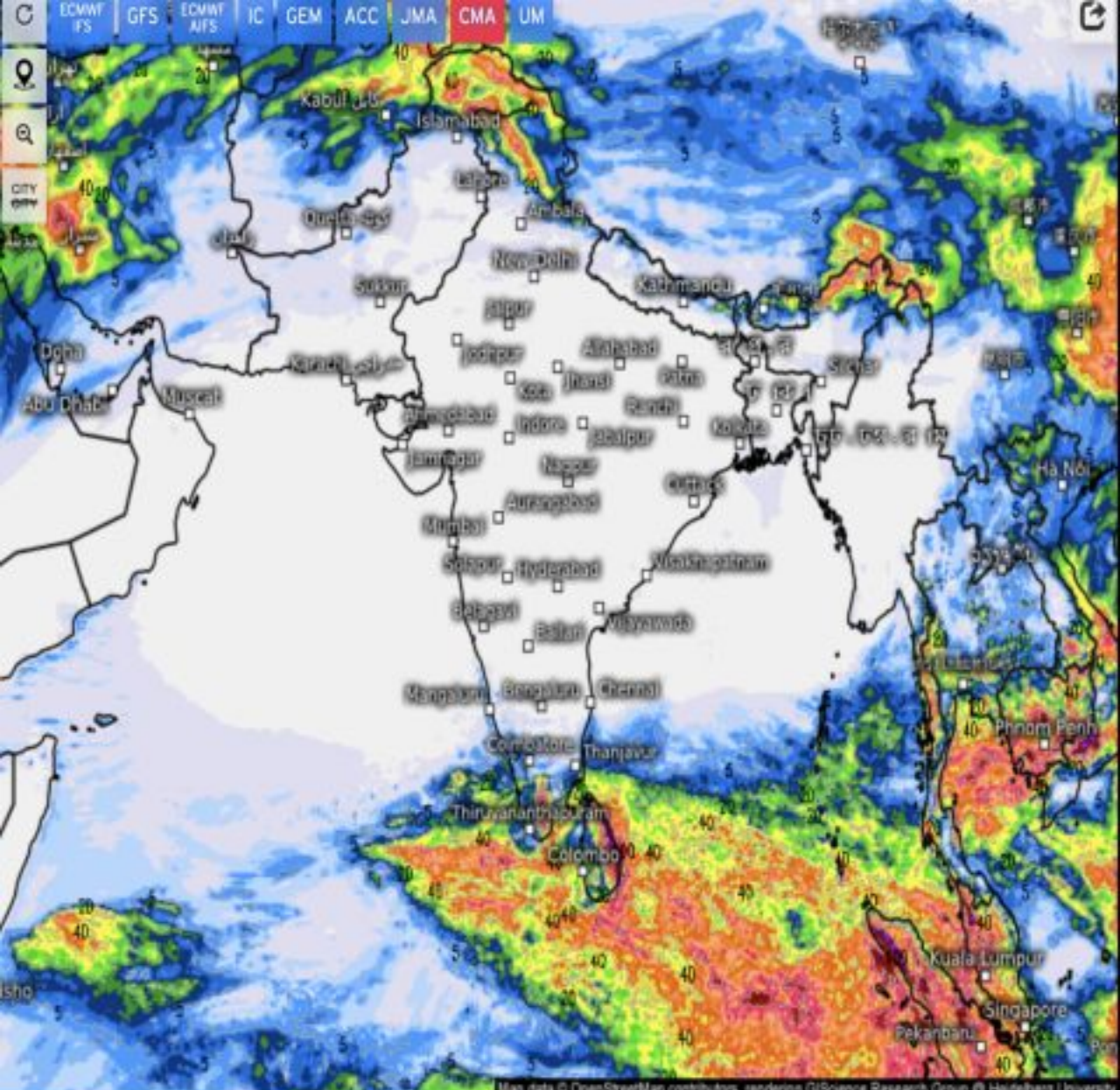
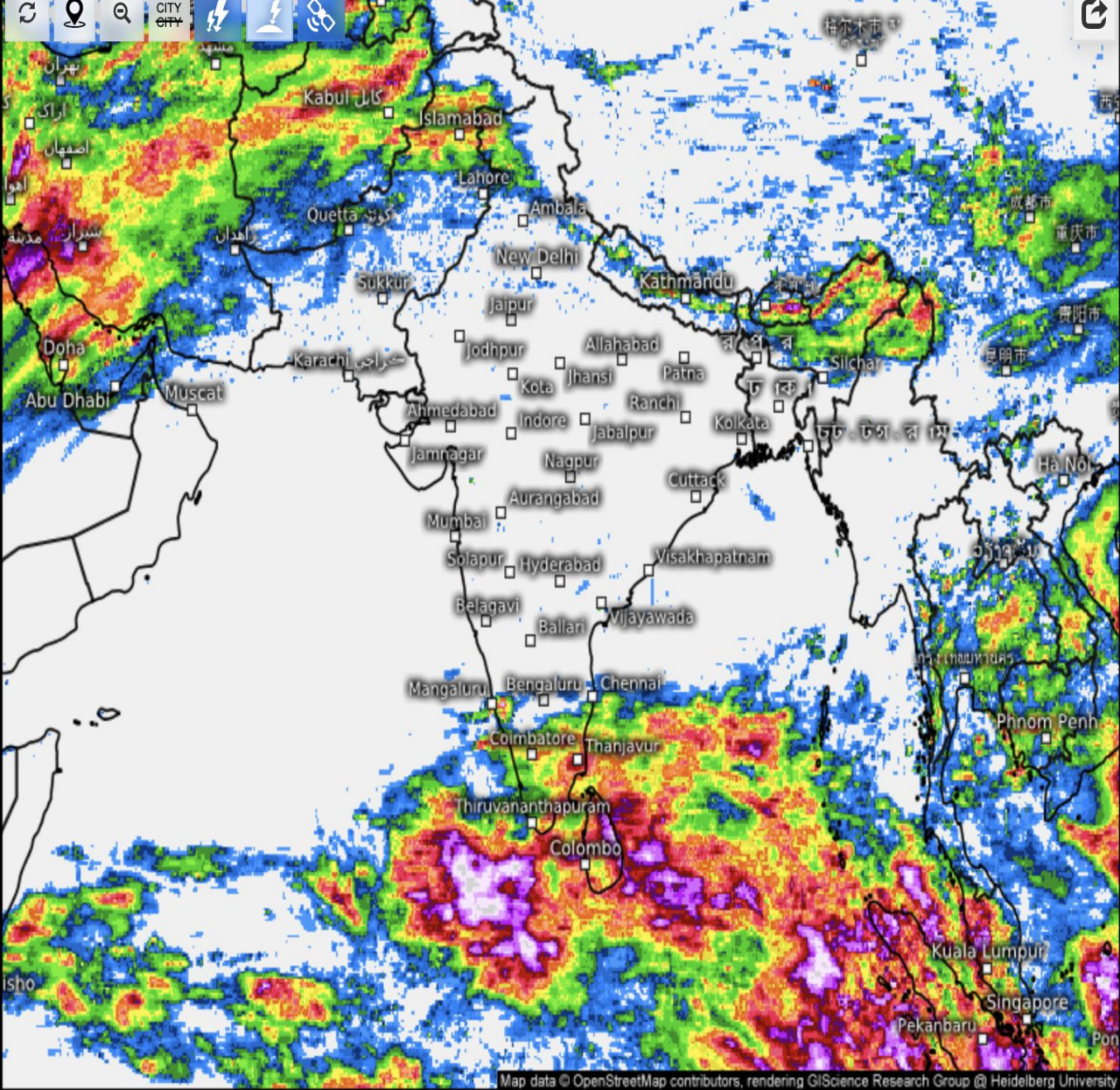
Thu 03/13/2025, 05:30am IST



Accumulated total precipitation (mm)

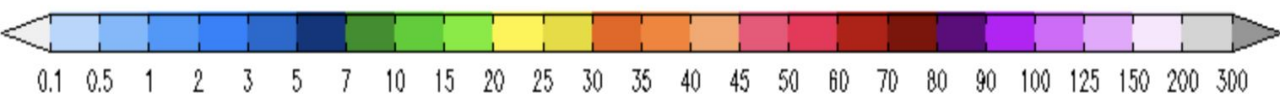
From Wed 03/05/2025, 05:30pm IST
to Thu 03/13/2025, 05:30am IST





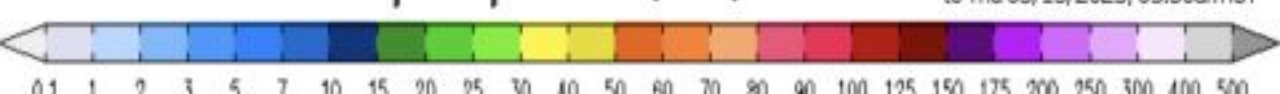
Accumulated Precipitation, 7 days (Satellite) (mm)

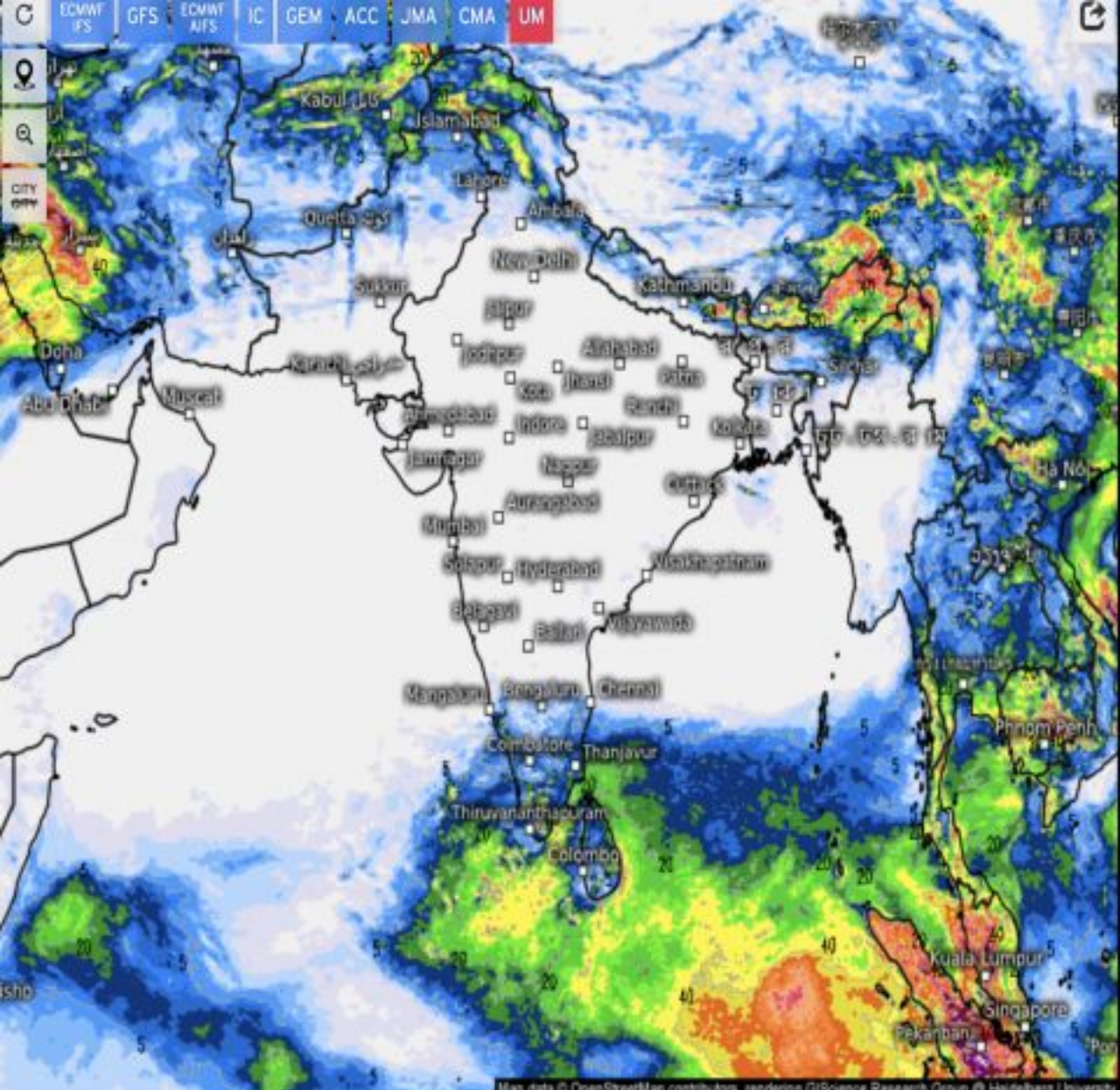
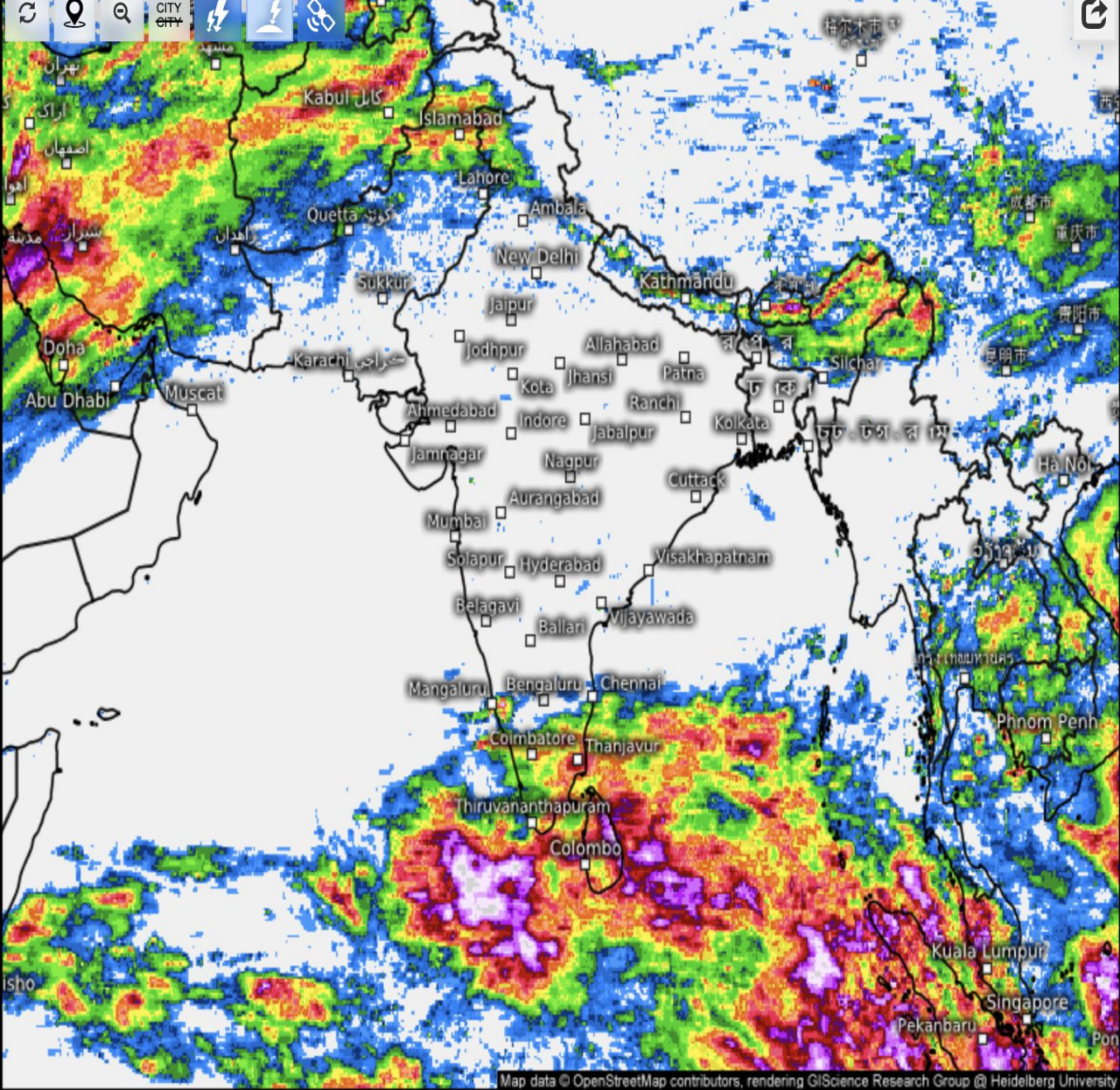
Thu 03/13/2025, 05:30am IST



Accumulated total precipitation (mm)

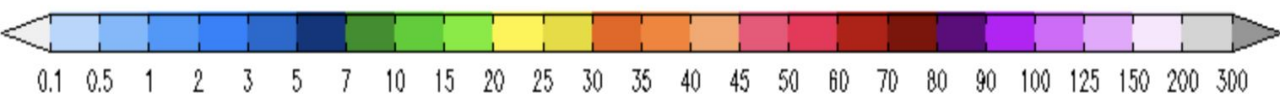
From Wed 03/05/2025, 05:30pm IST
to Thu 03/13/2025, 05:30am IST





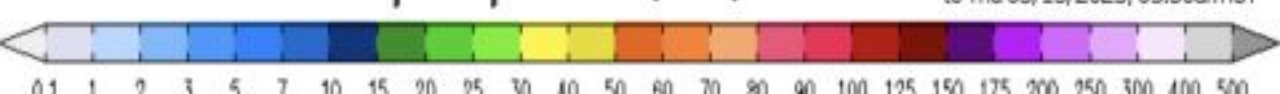
Accumulated Precipitation, 7 days (Satellite) (mm)

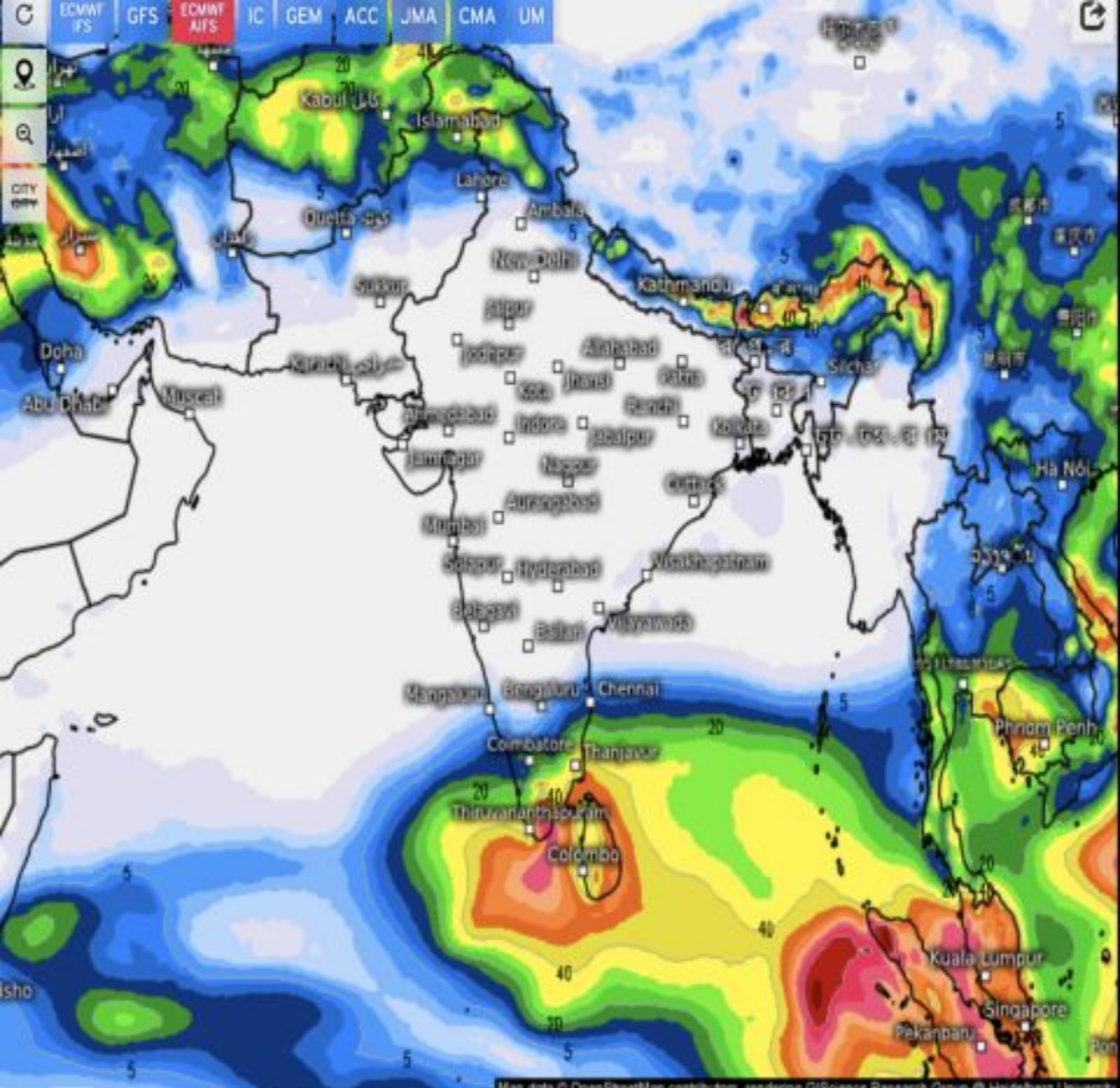
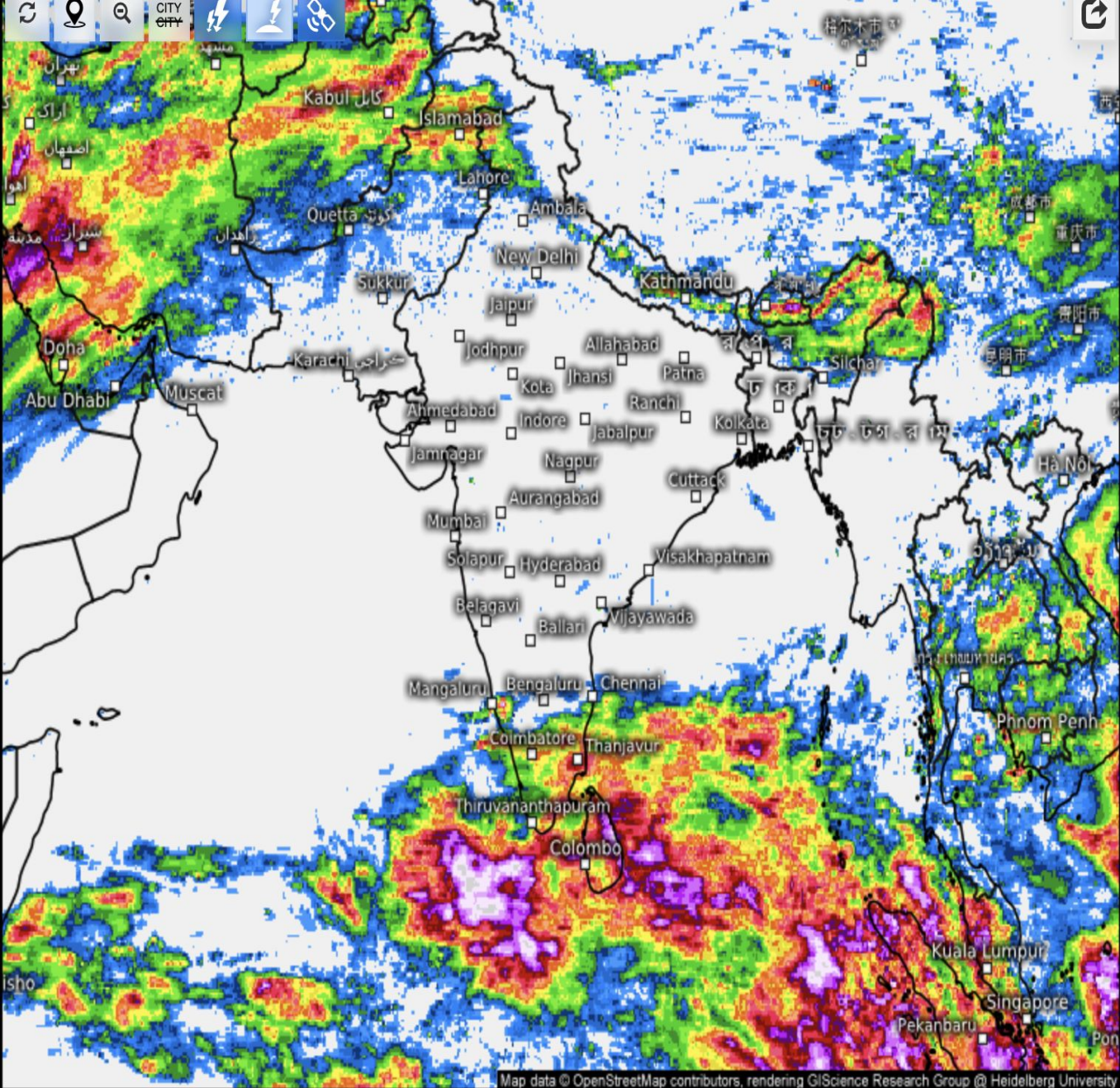
Thu 03/13/2025, 05:30am IST



Accumulated total precipitation (mm)

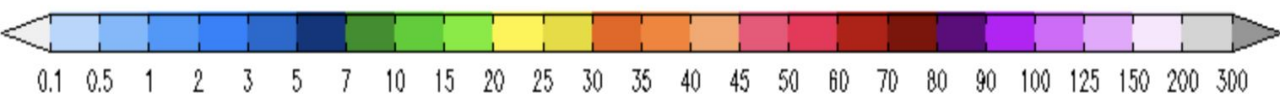
From Wed 03/05/2025, 05:30pm IST
to Thu 03/13/2025, 05:30am IST





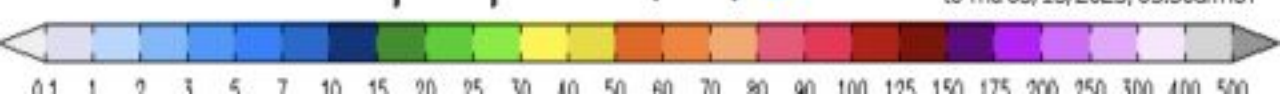
Accumulated Precipitation, 7 days (Satellite) (mm)

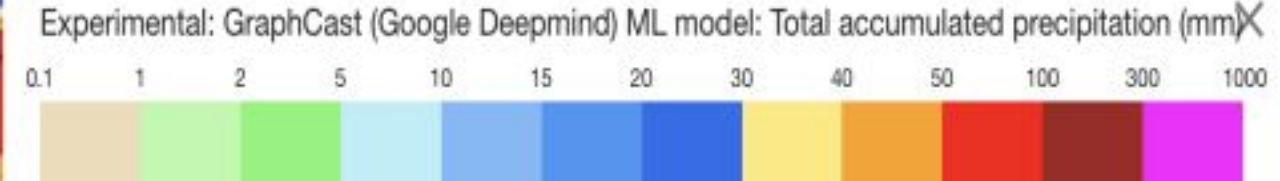
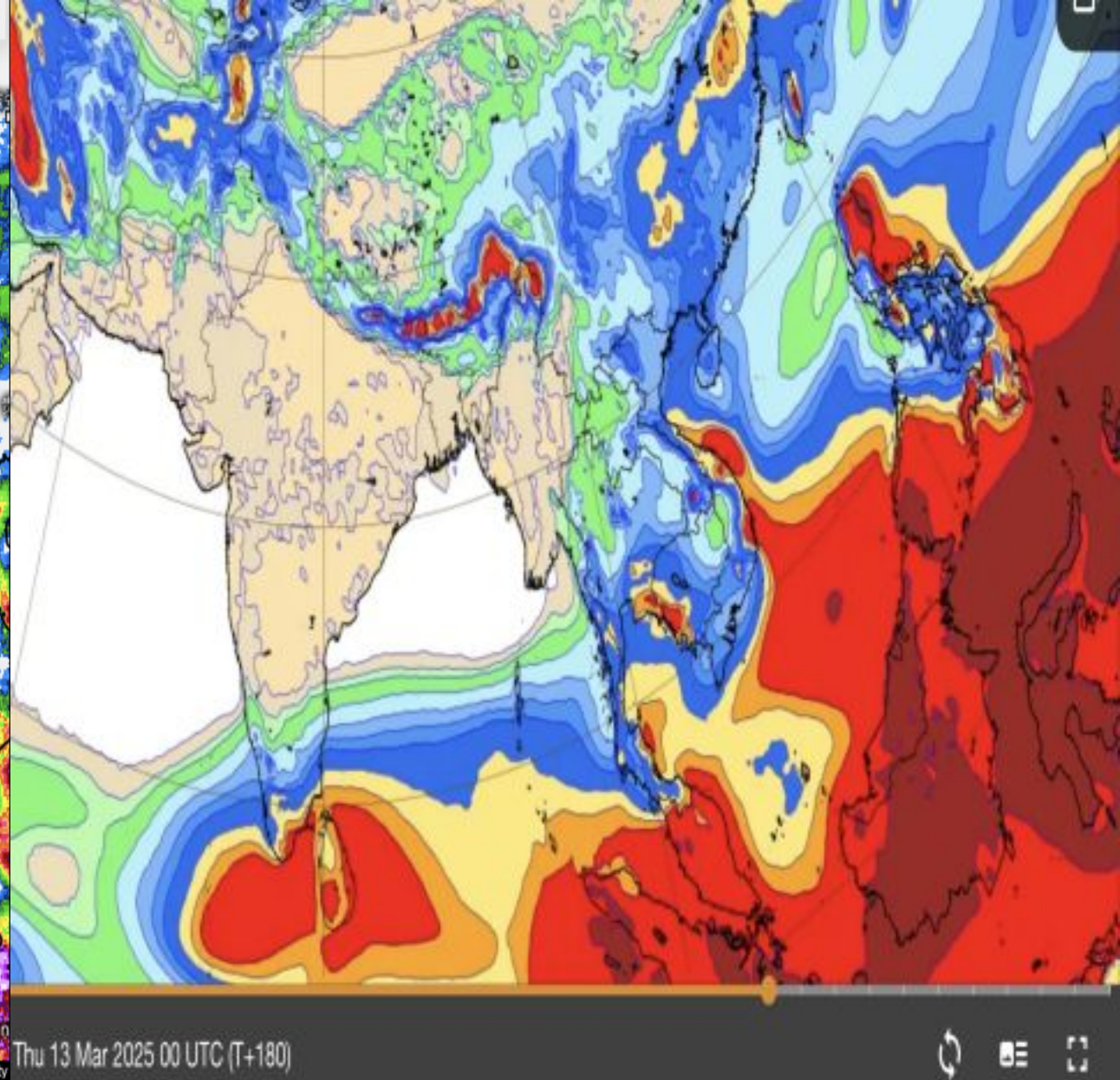
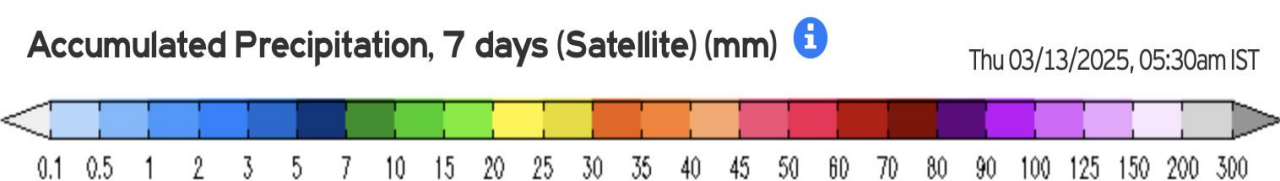
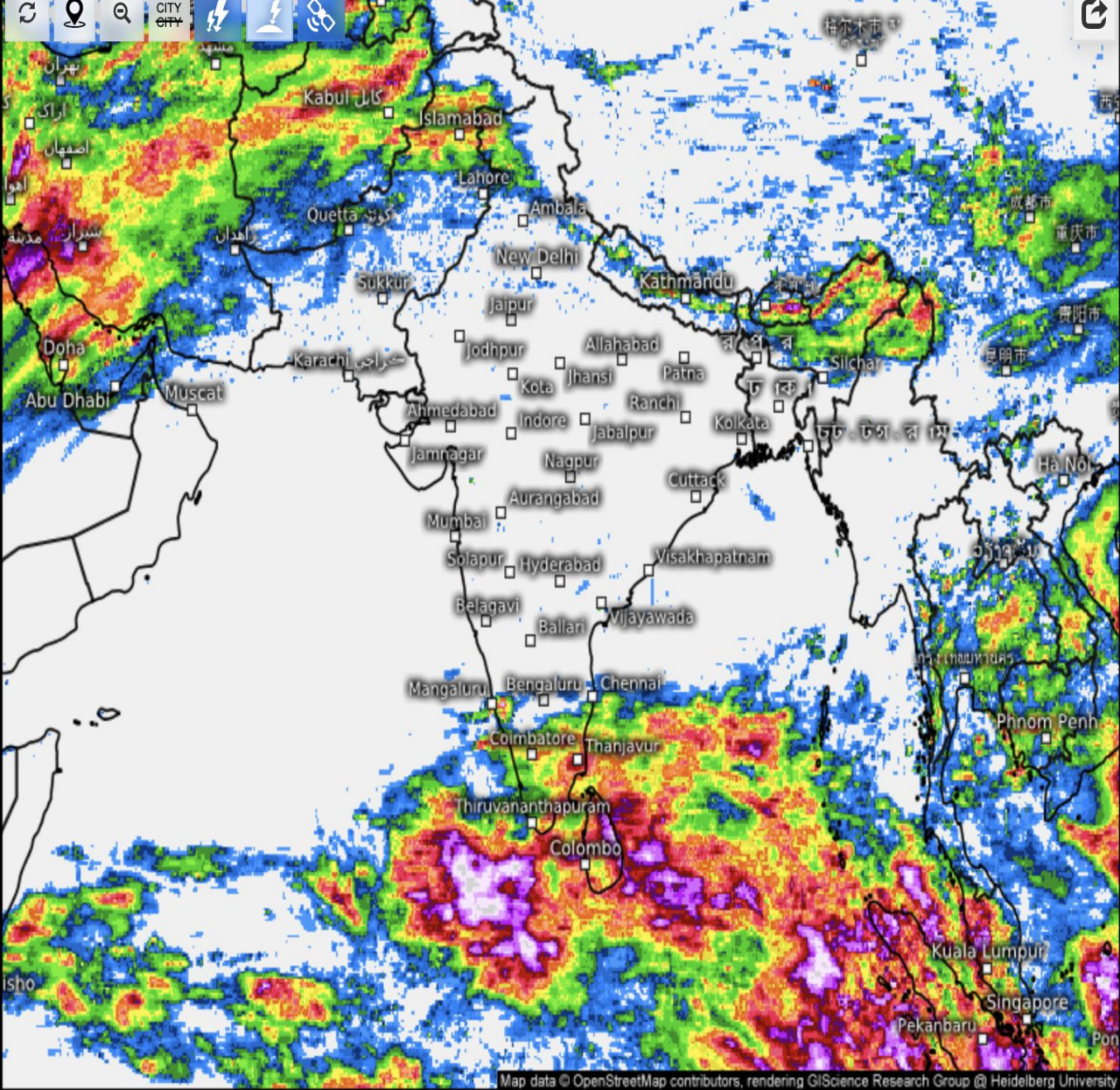
Thu 03/13/2025, 05:30am IST



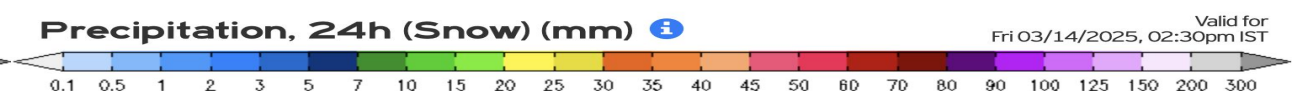
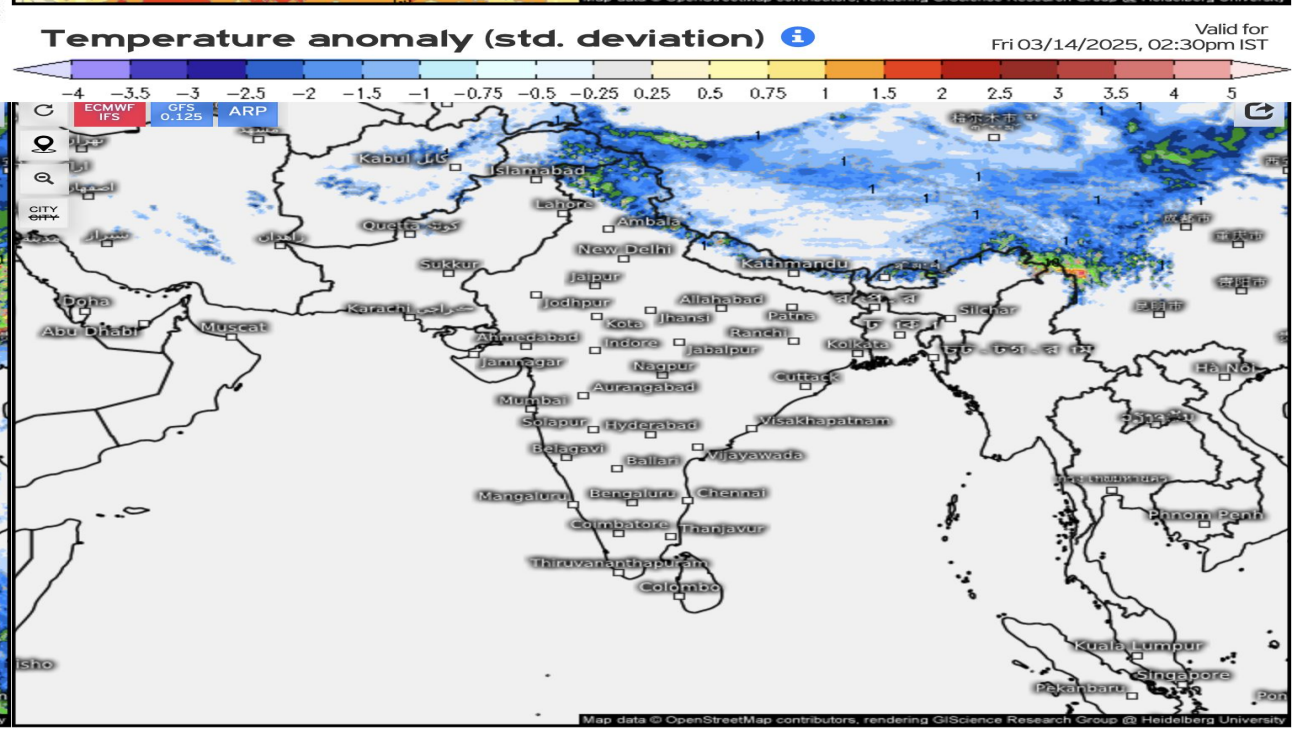
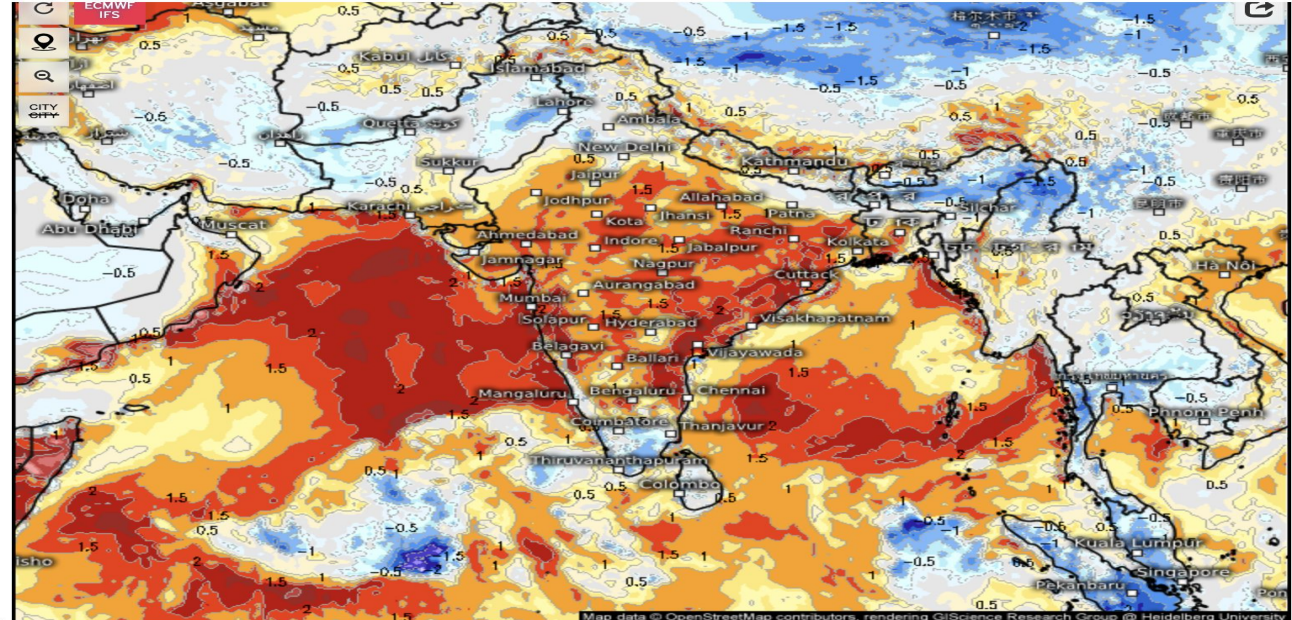
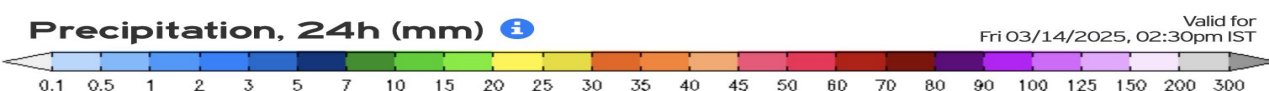
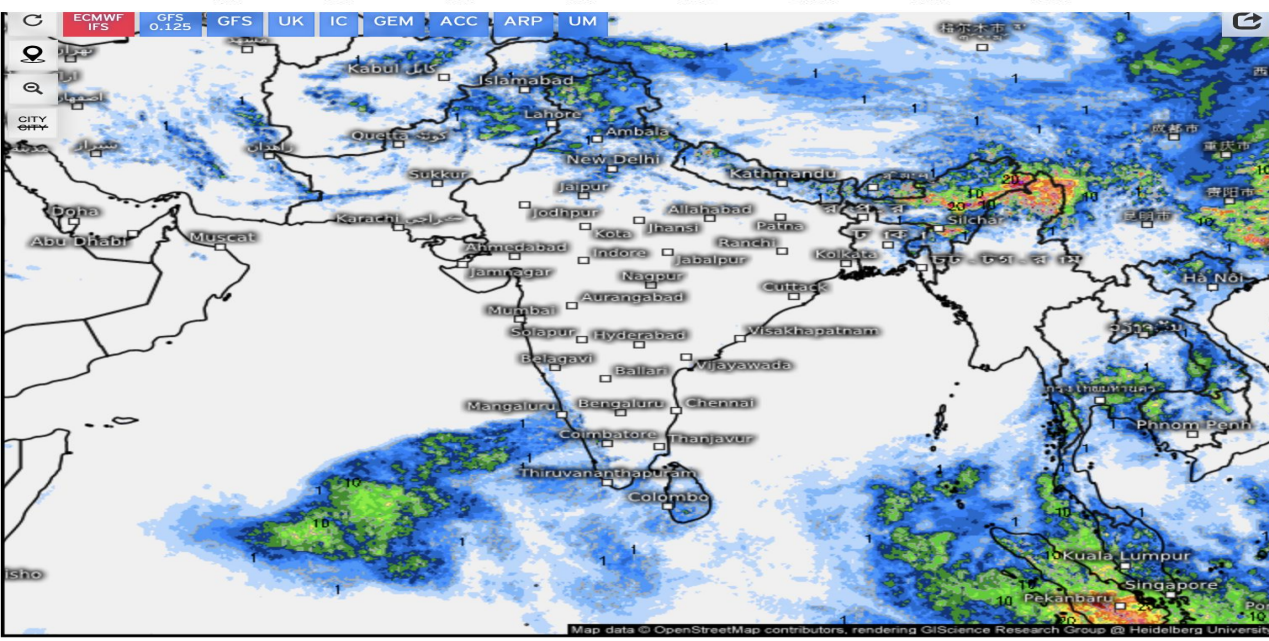
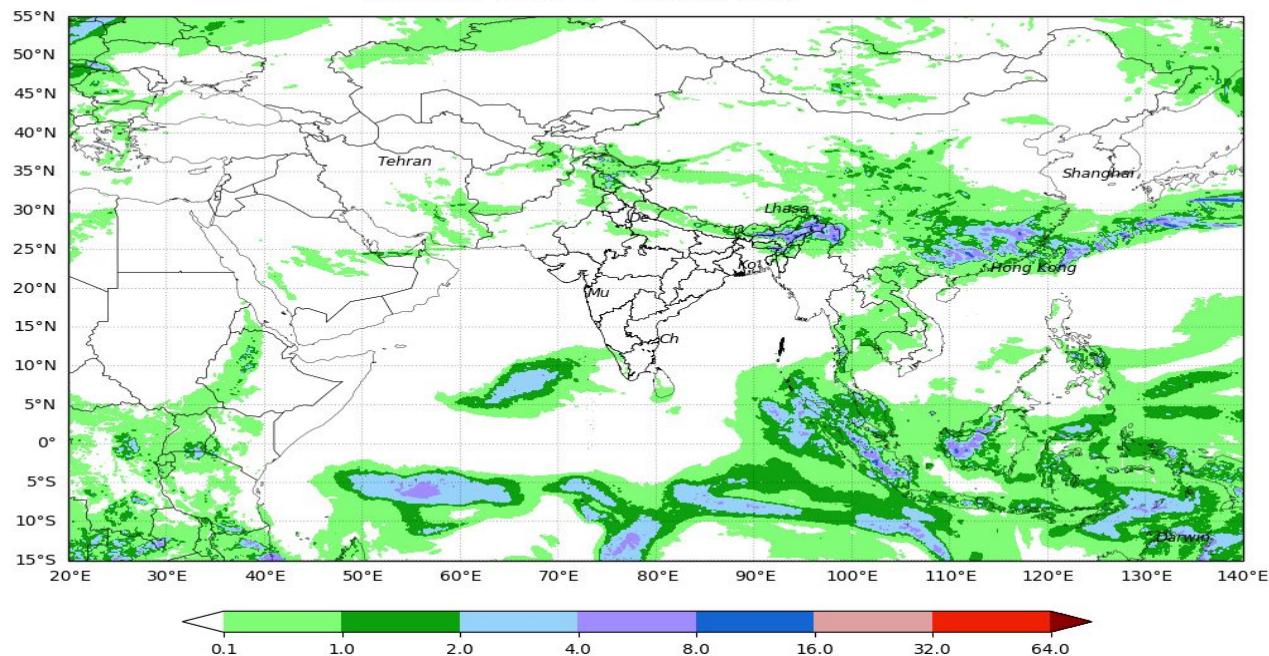
Accumulated total precipitation (mm)

From Thu 03/06/2025, 05:30am IST to Thu 03/13/2025, 05:30am IST

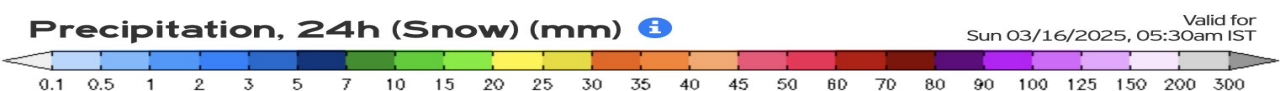
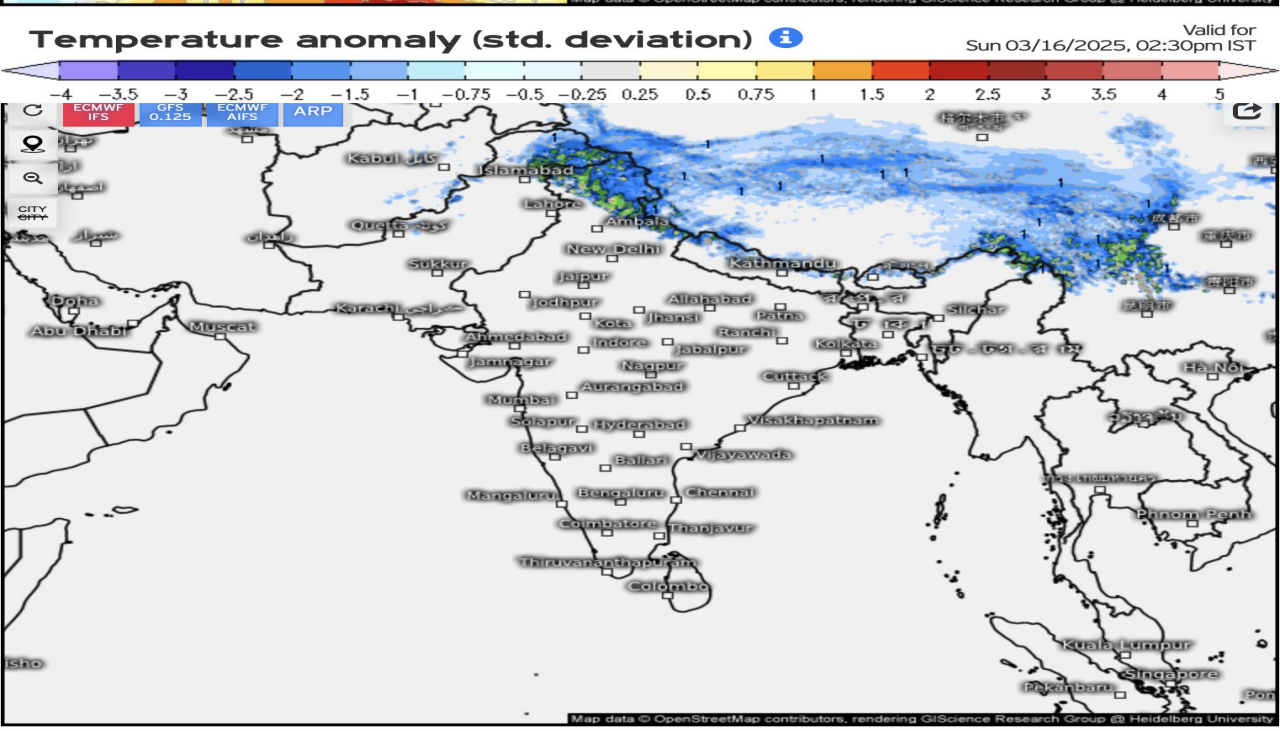
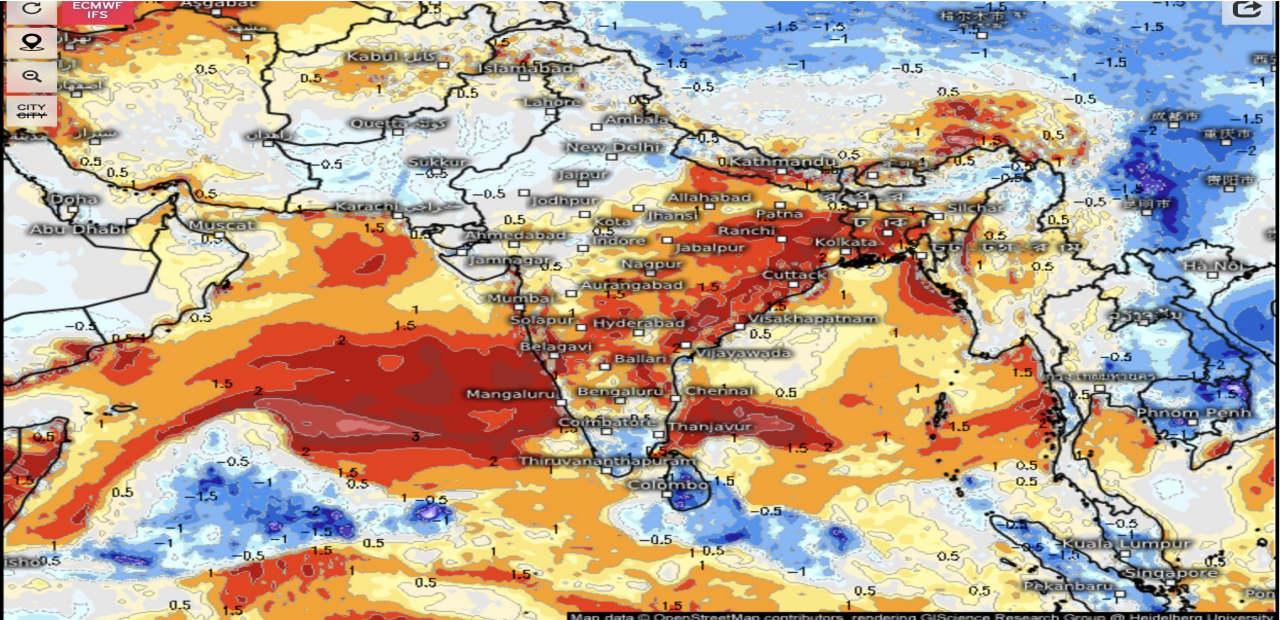
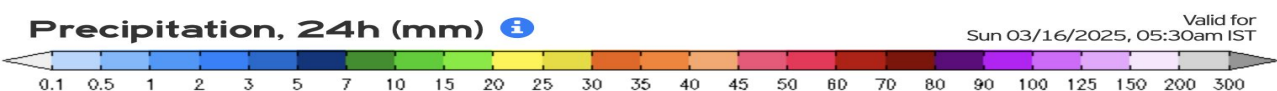
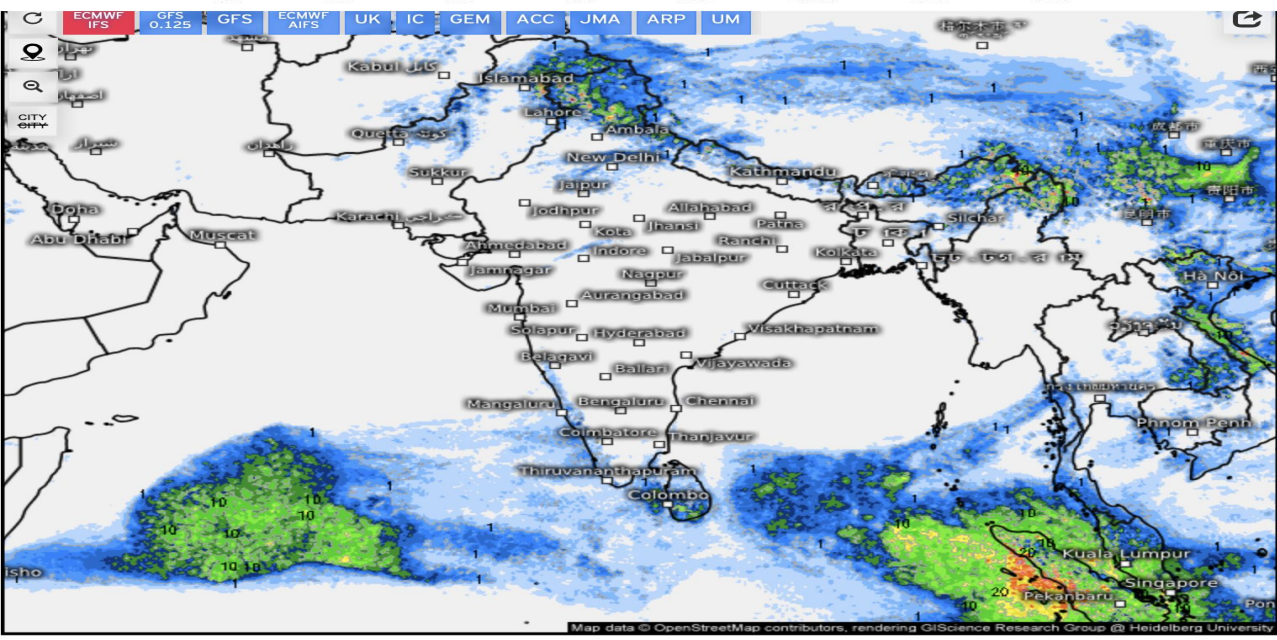
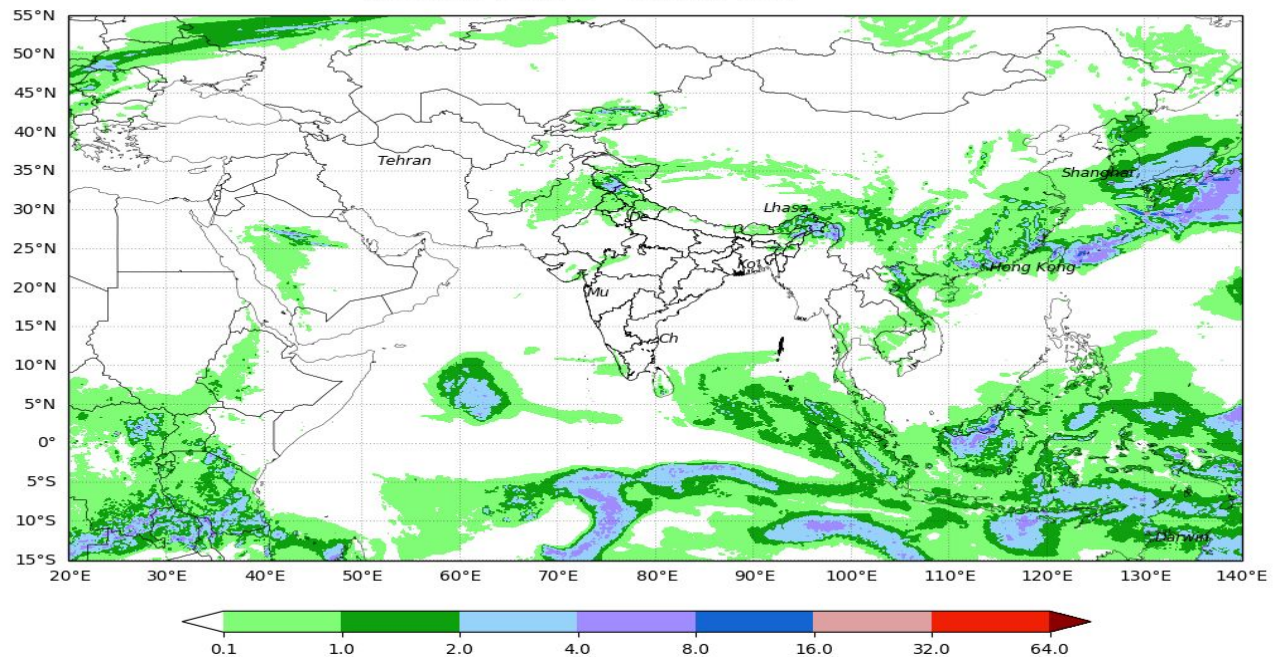




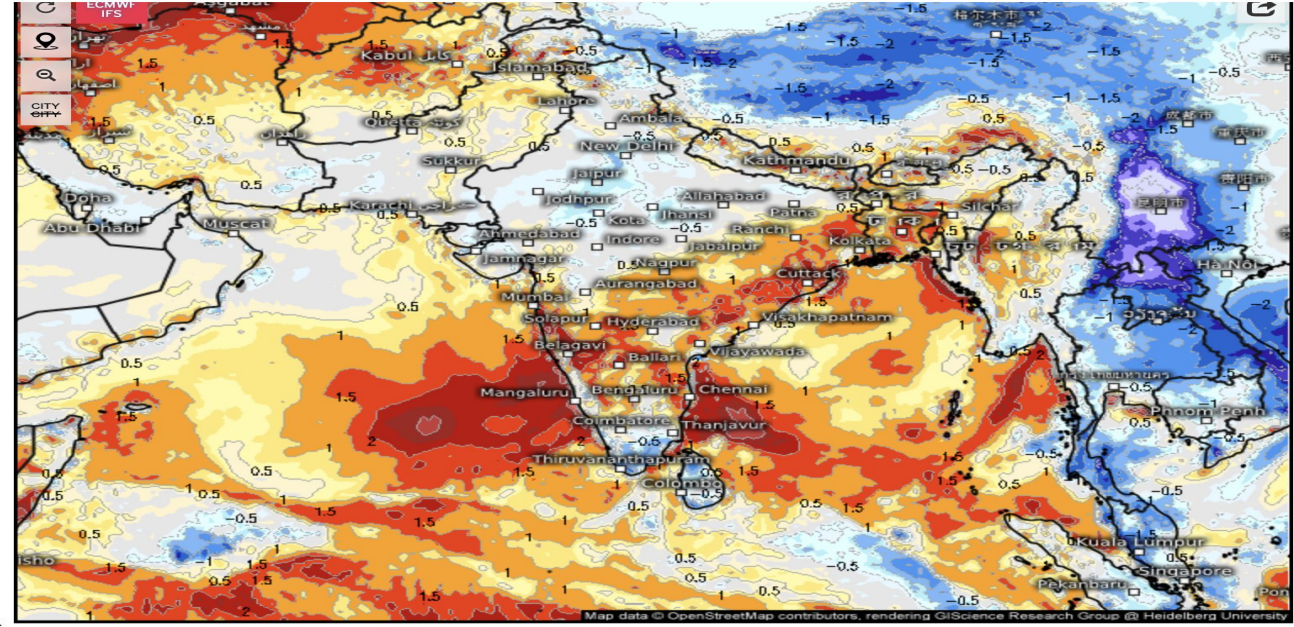
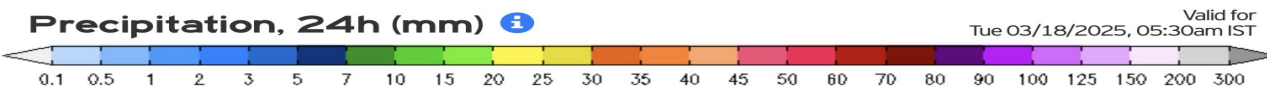
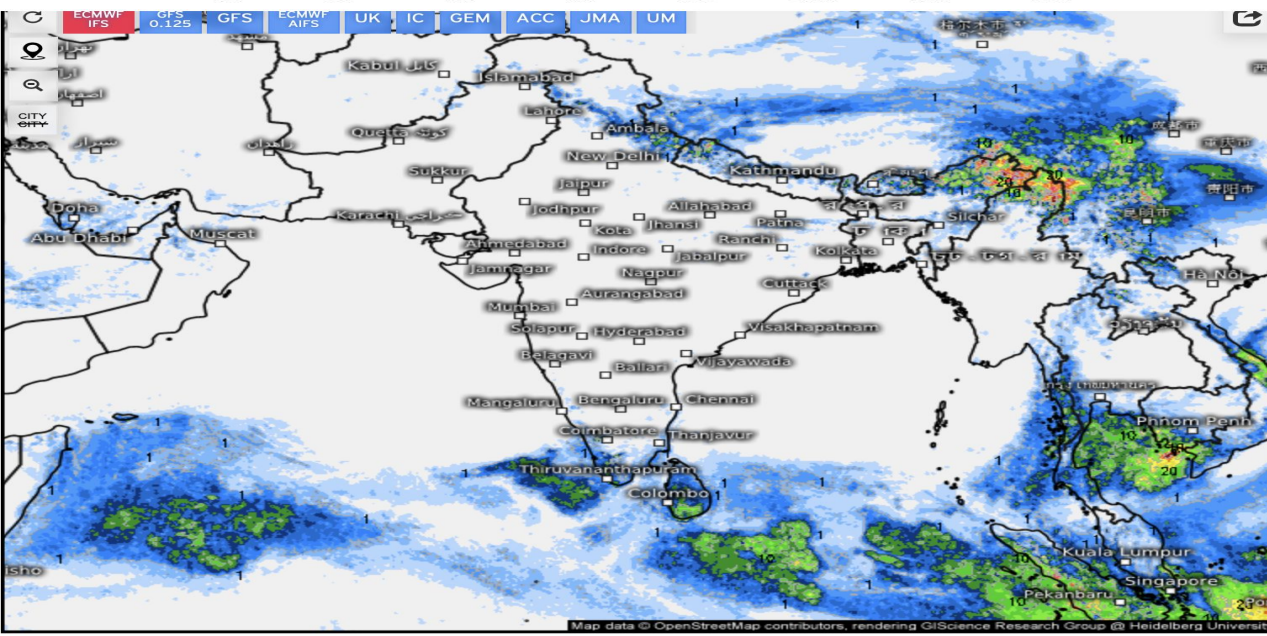
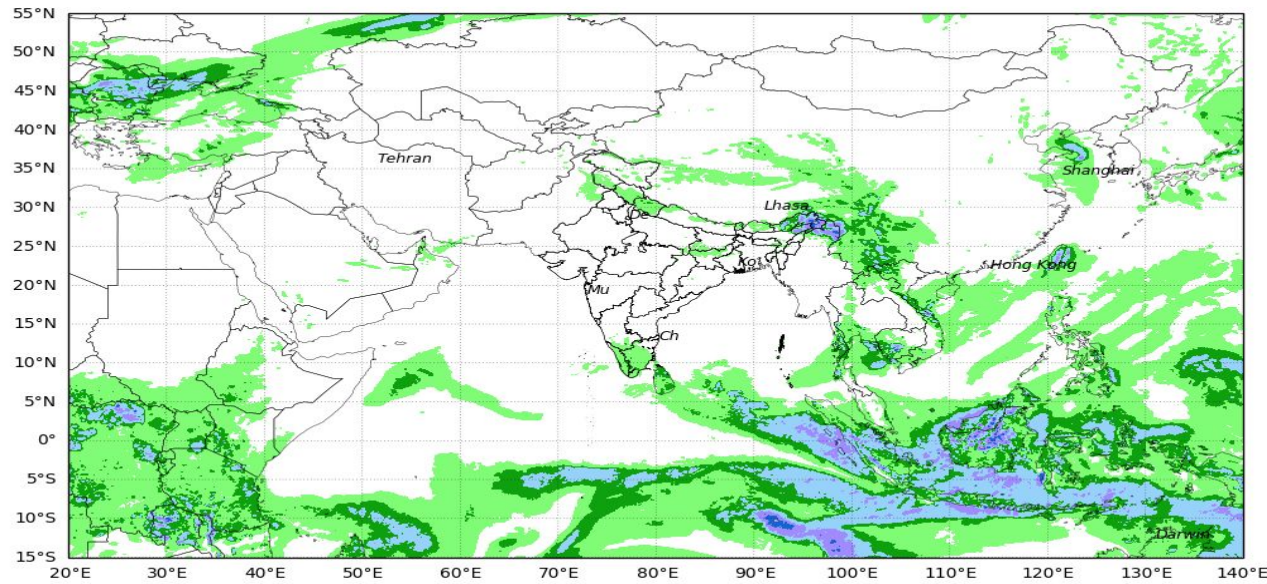
NCUM 24HR FORECAST VALID ON 03/14/2025
RAINFALL(cm) CI=0.1,1,2,4,8,..



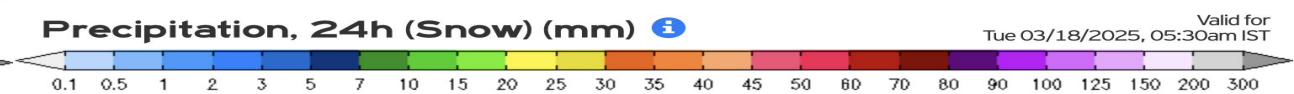
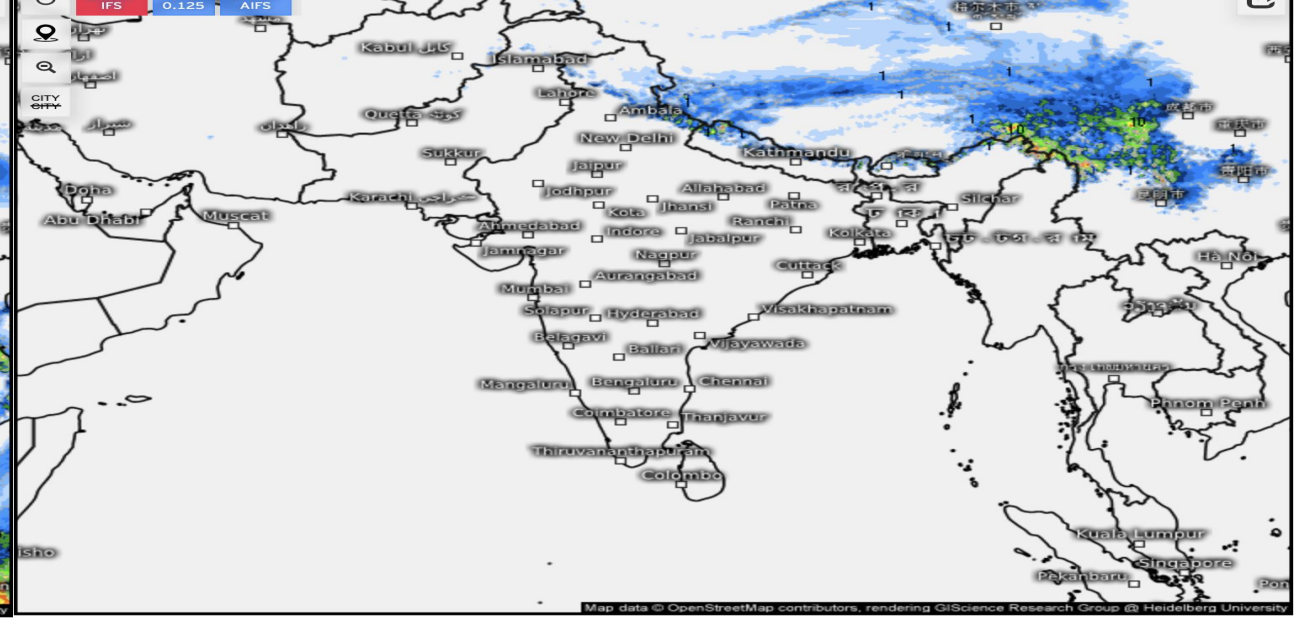
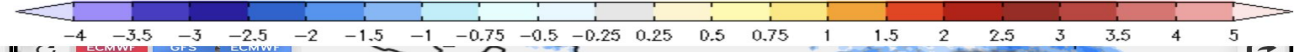
NCUM 72HR FORECAST VALID ON 03Z16Mar2025
RAINFALL(cm) CI=0.1,1,2,4,8,..



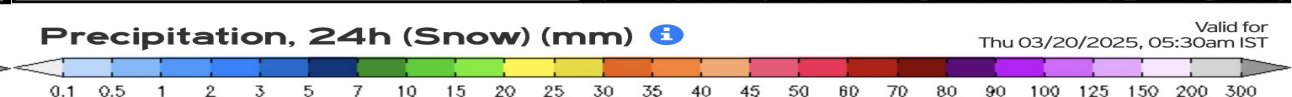
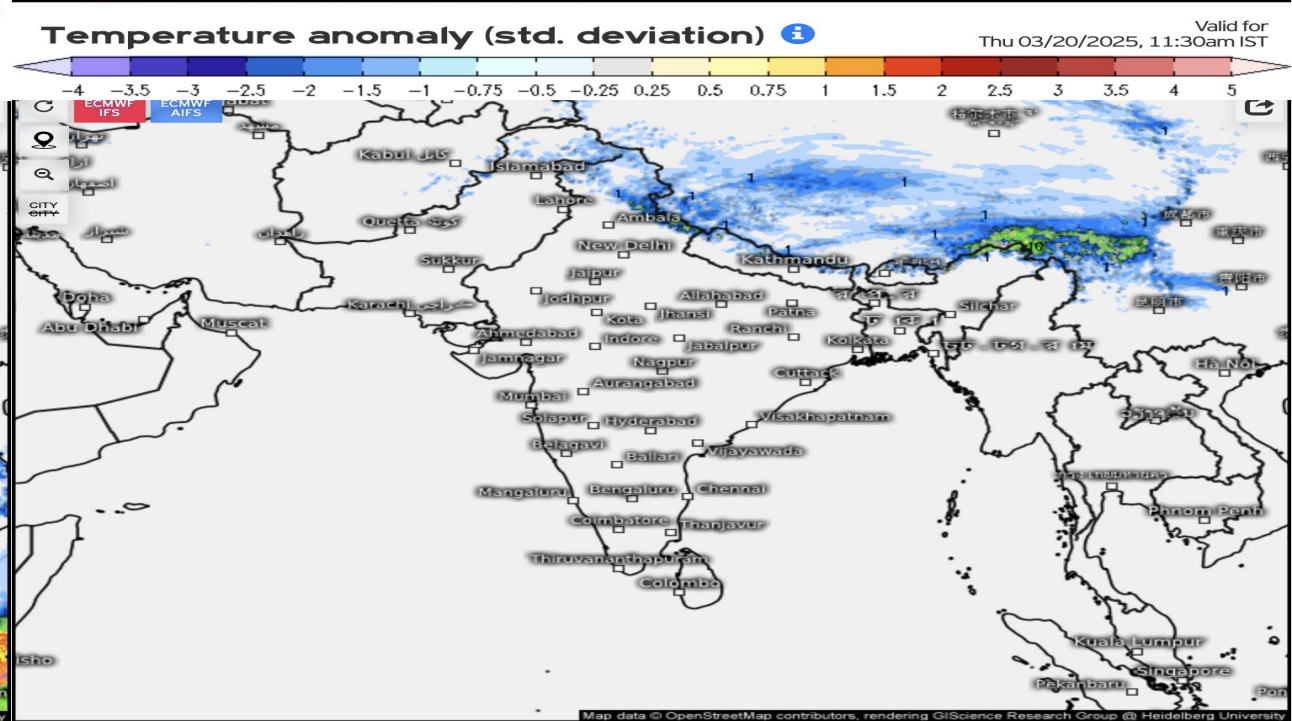
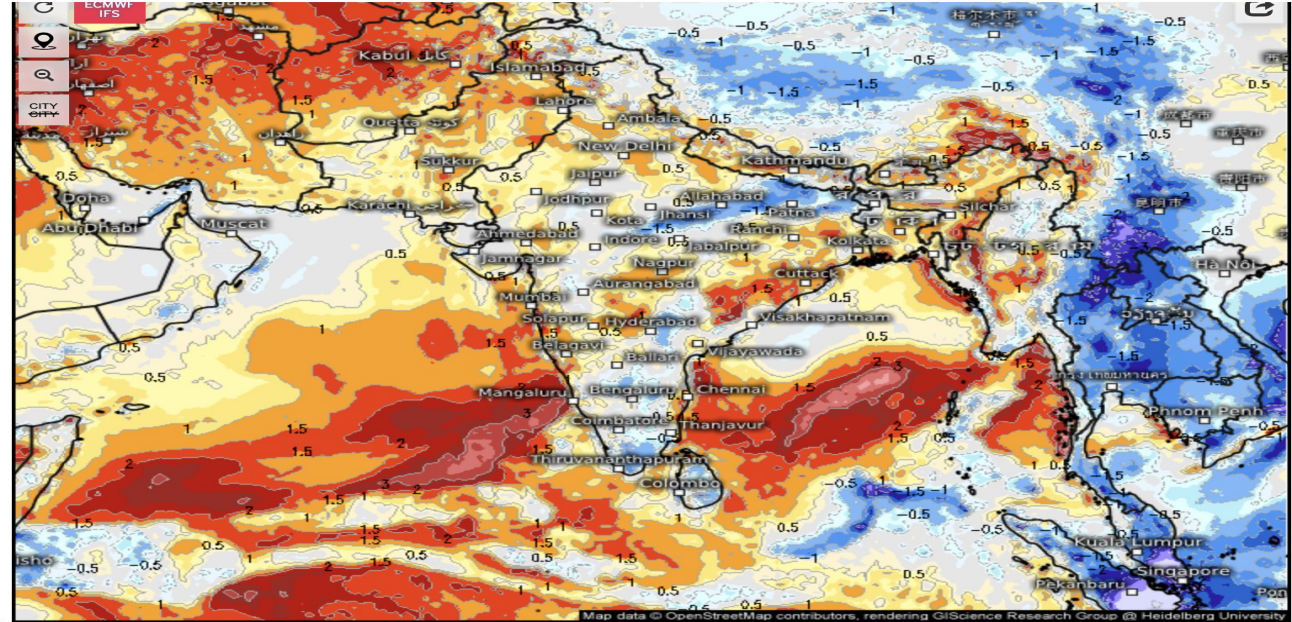
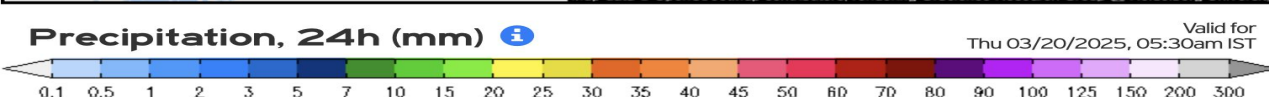
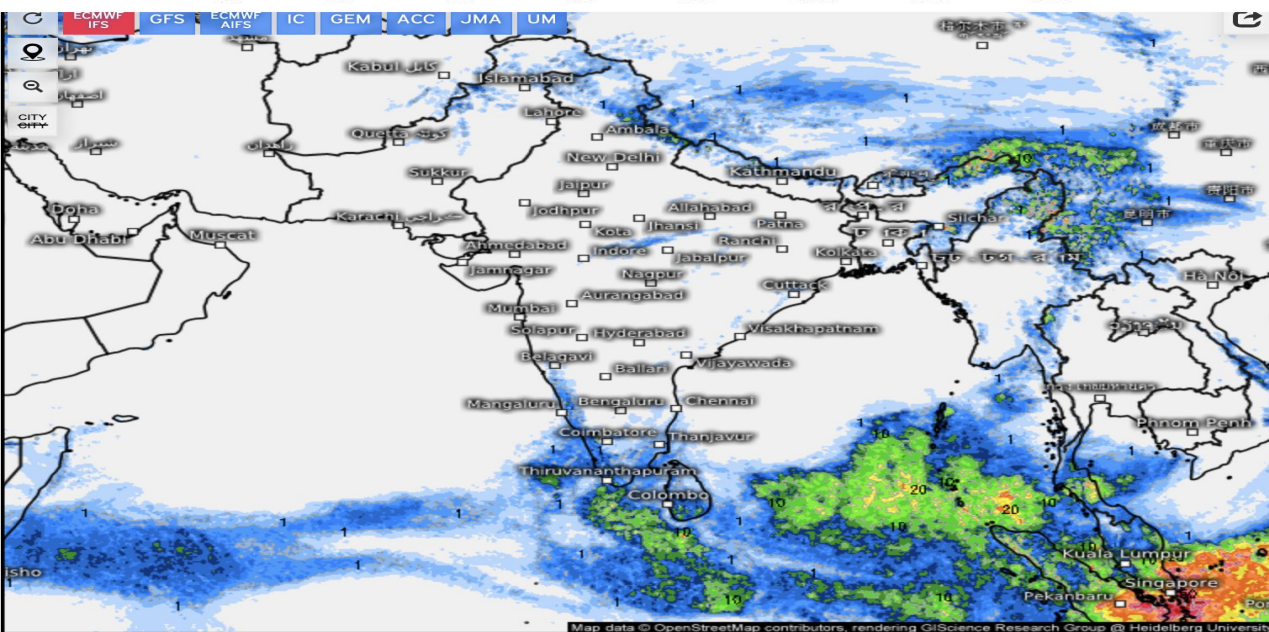
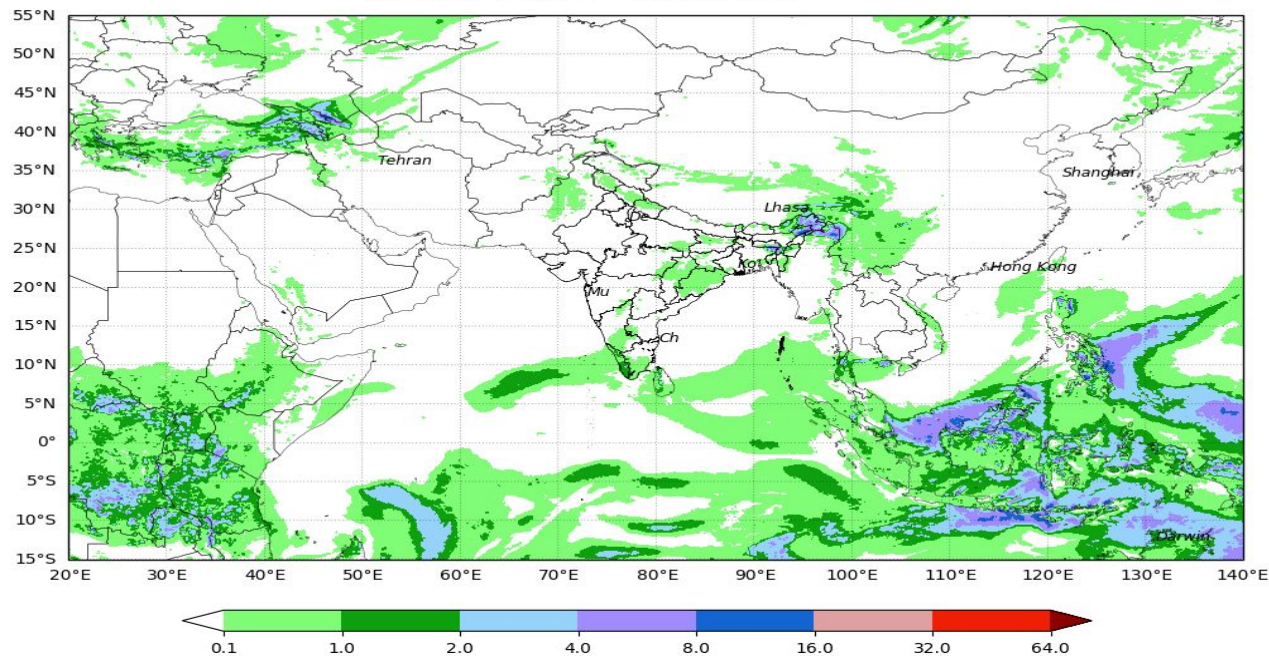
NCUM 120HR FORECAST VALID ON 03Z18Mar2025
RAINFALL(cm) CI=0.1,1,2,4,8,..

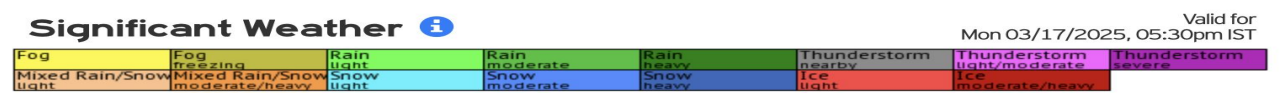
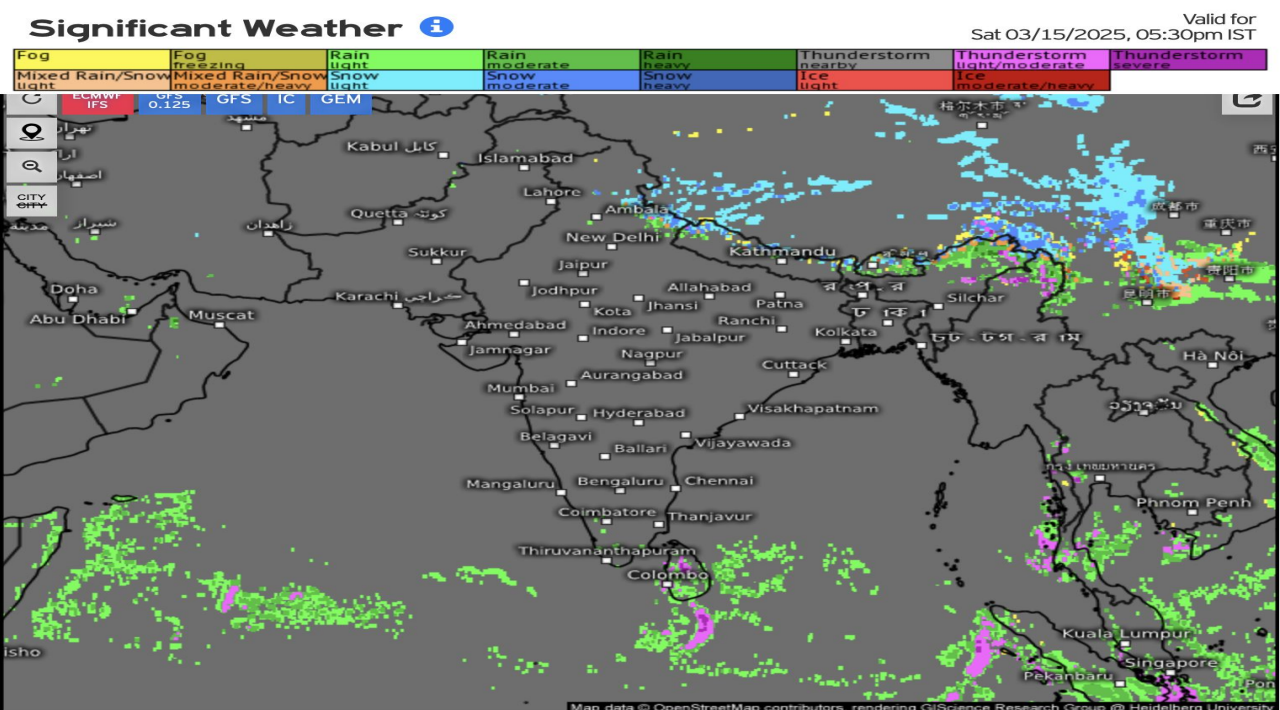
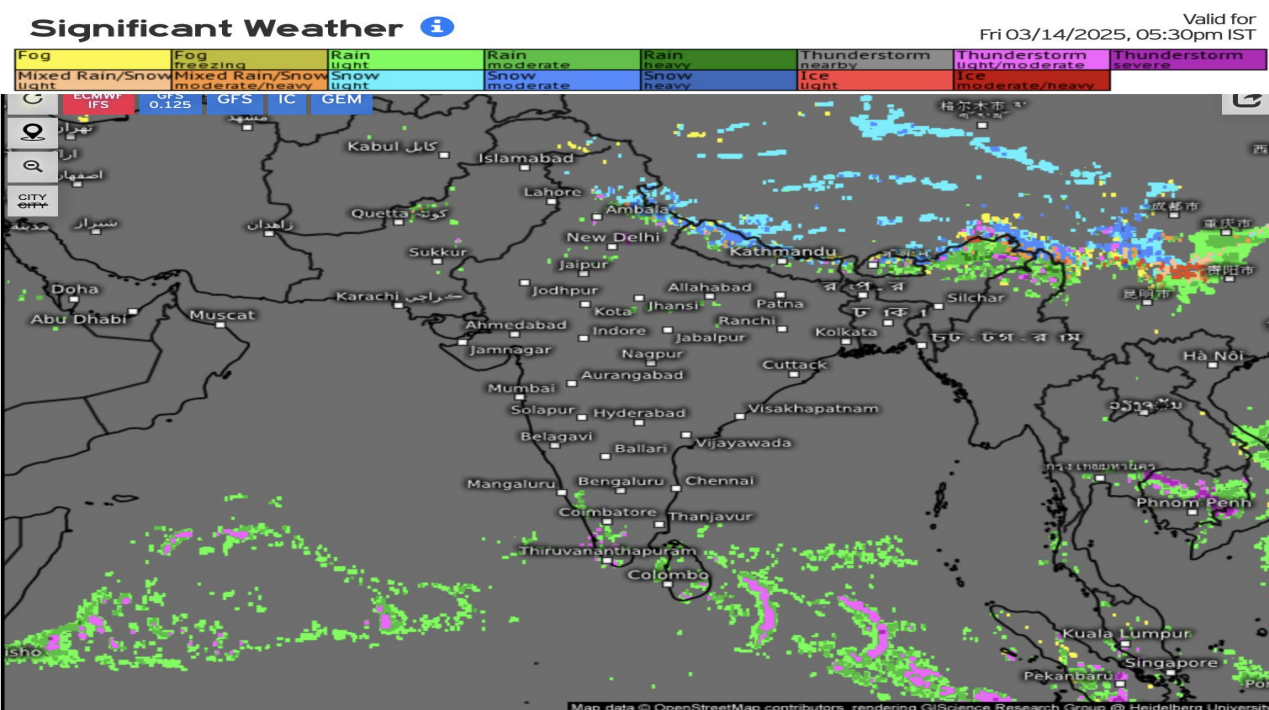
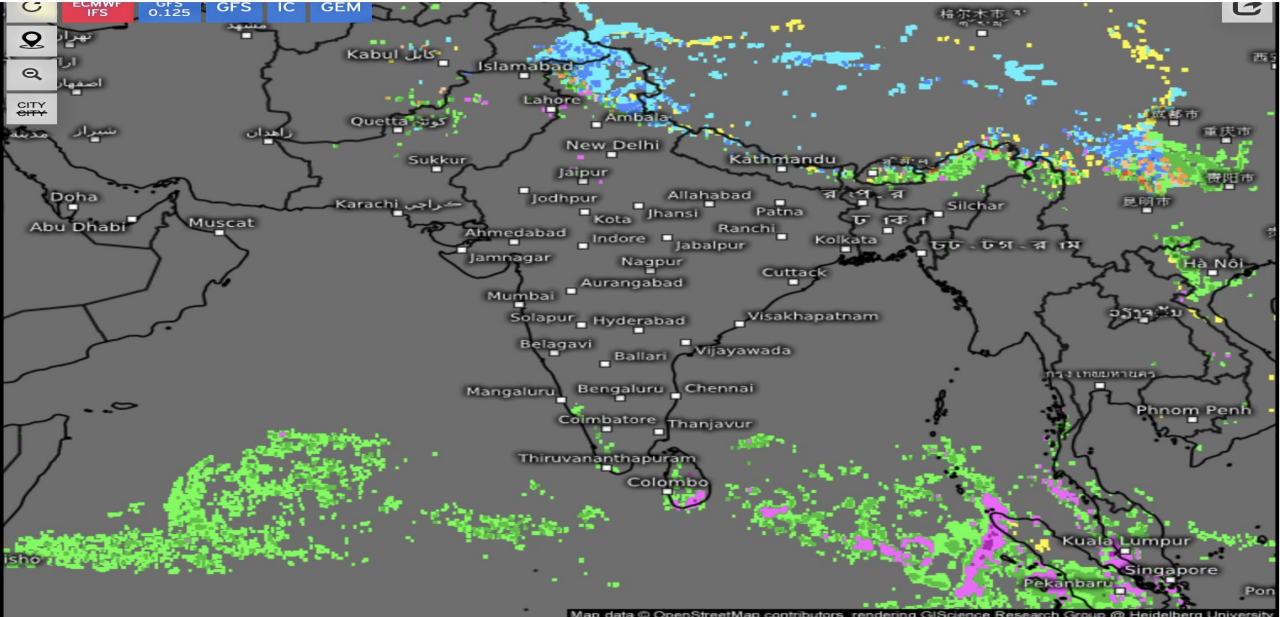
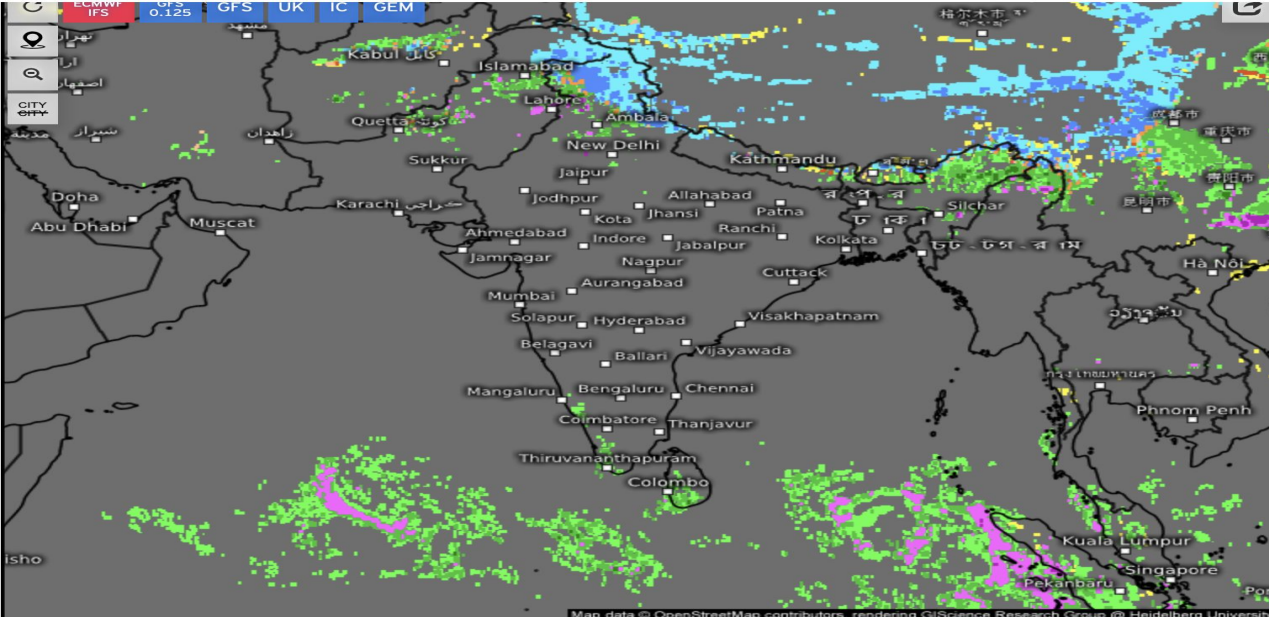


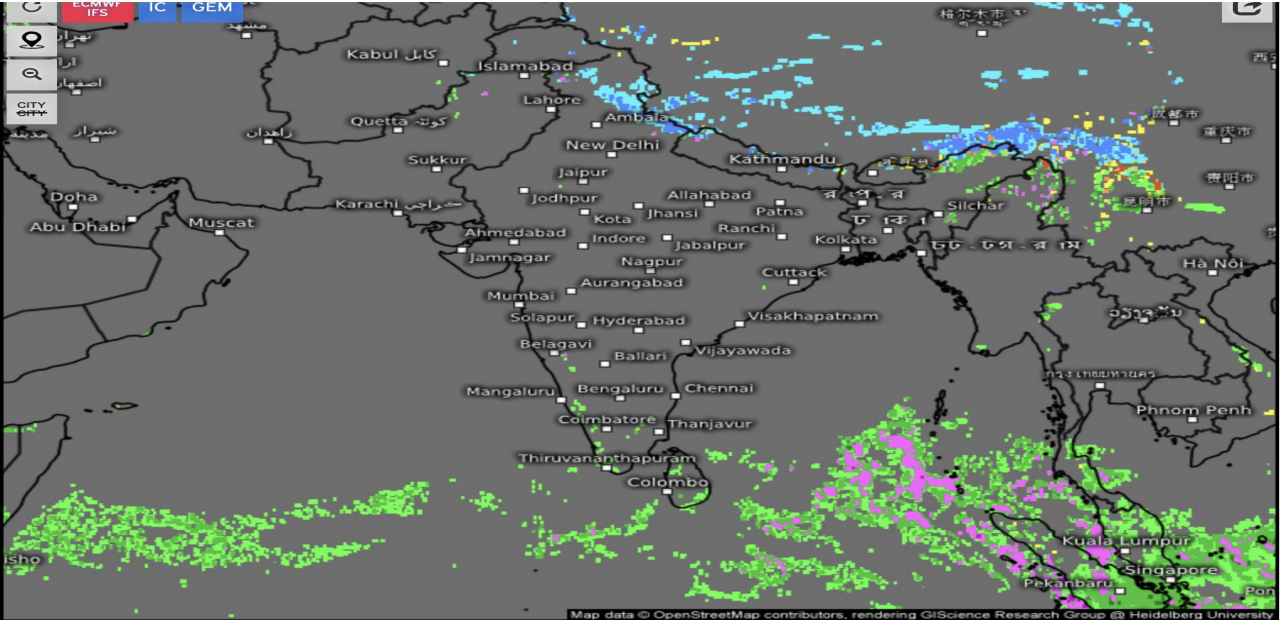
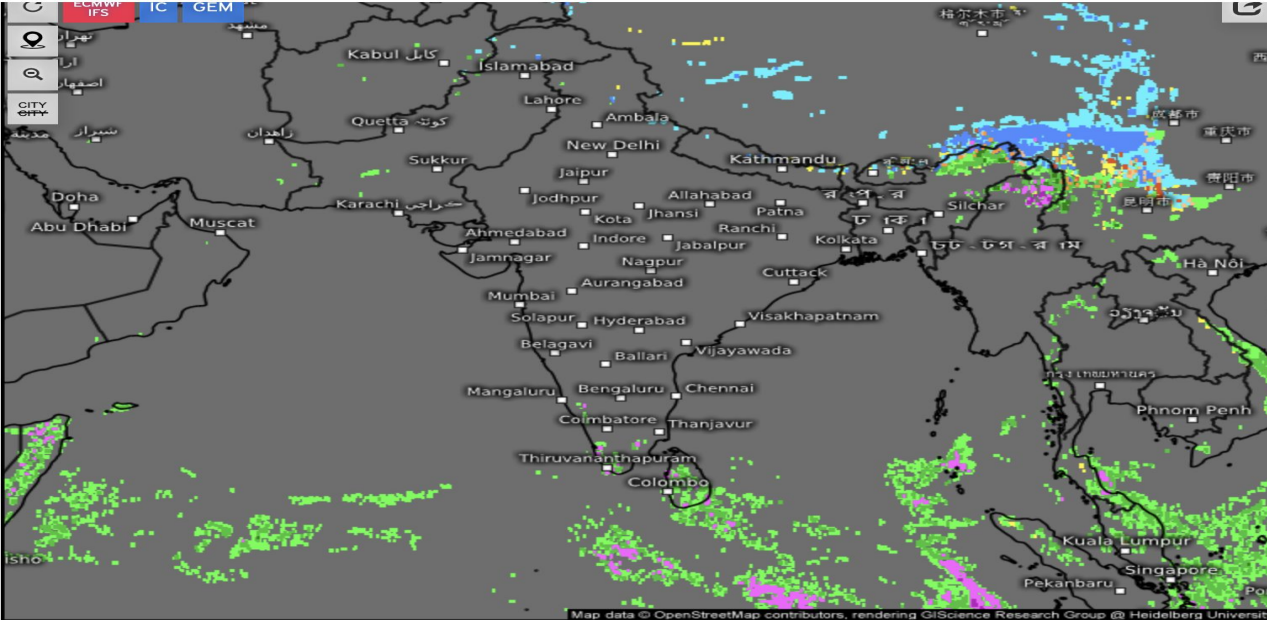
Temperature anomaly (std. deviation) Valid for Tue 03/18/2025, 02:30pm IST



NCUM 168HR FORECAST VALID ON 03Z20Mar2025
RAINFALL(cm) CI=0.1,1,2,4,8,..





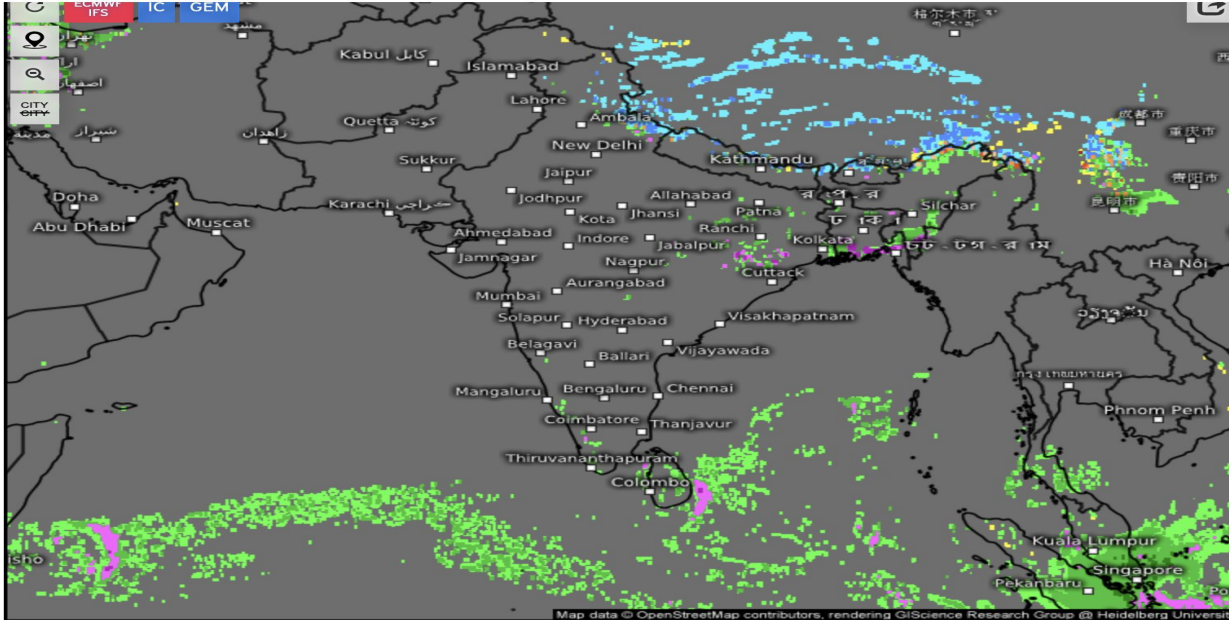


Significant Weather [i](#) Valid for Tue 03/18/2025, 05:30pm IST

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	

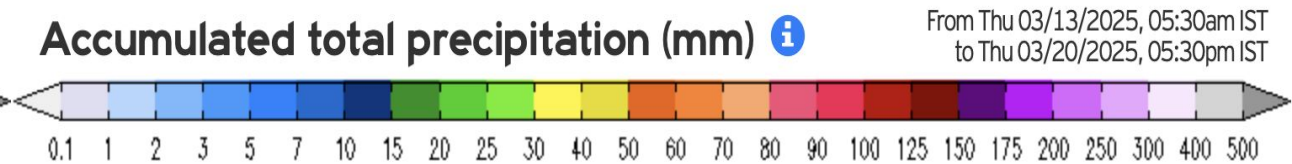
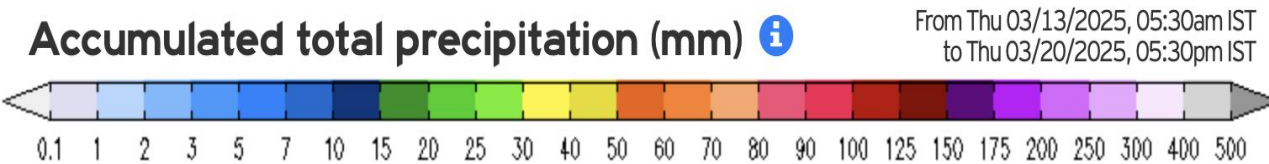
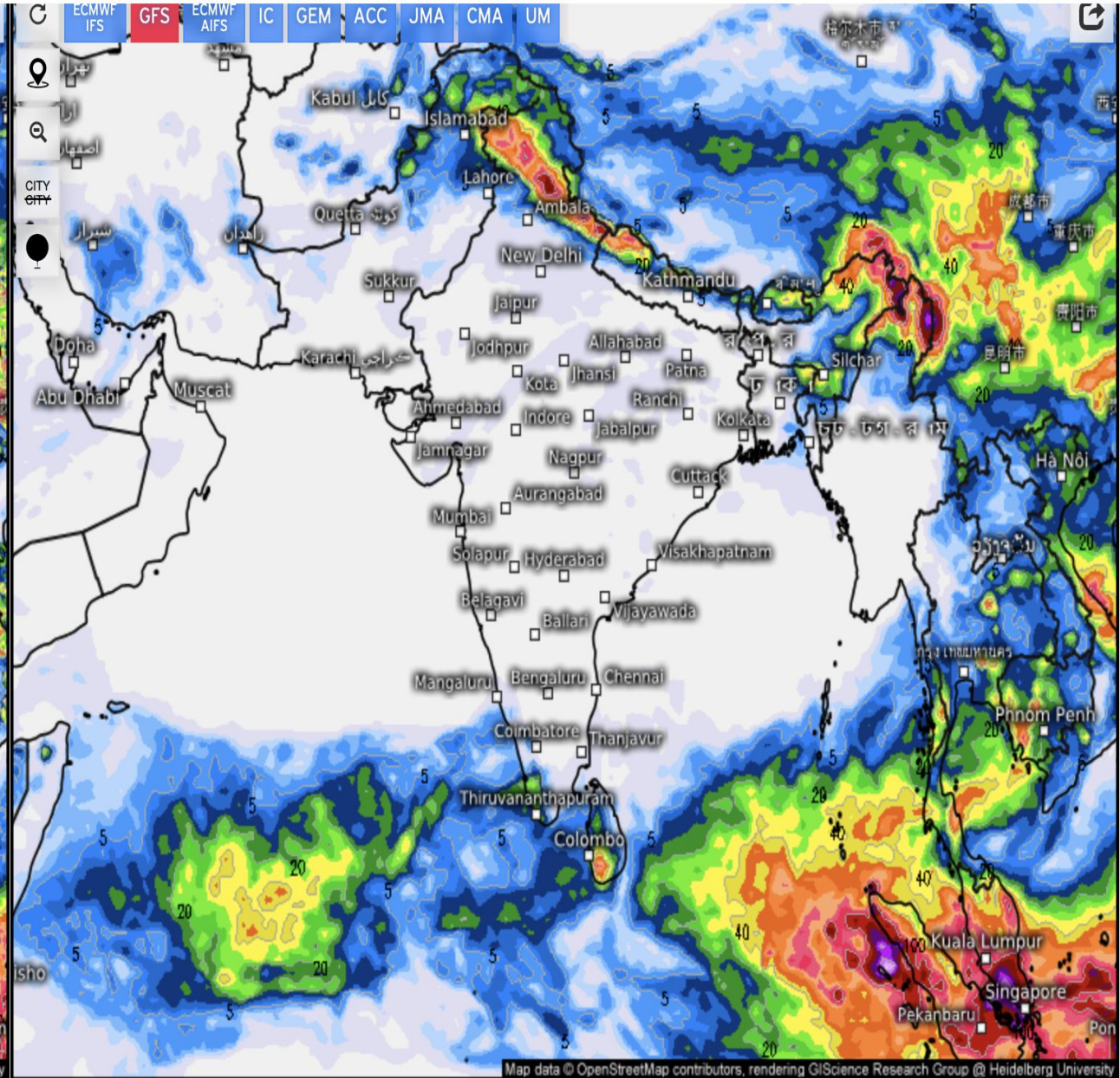
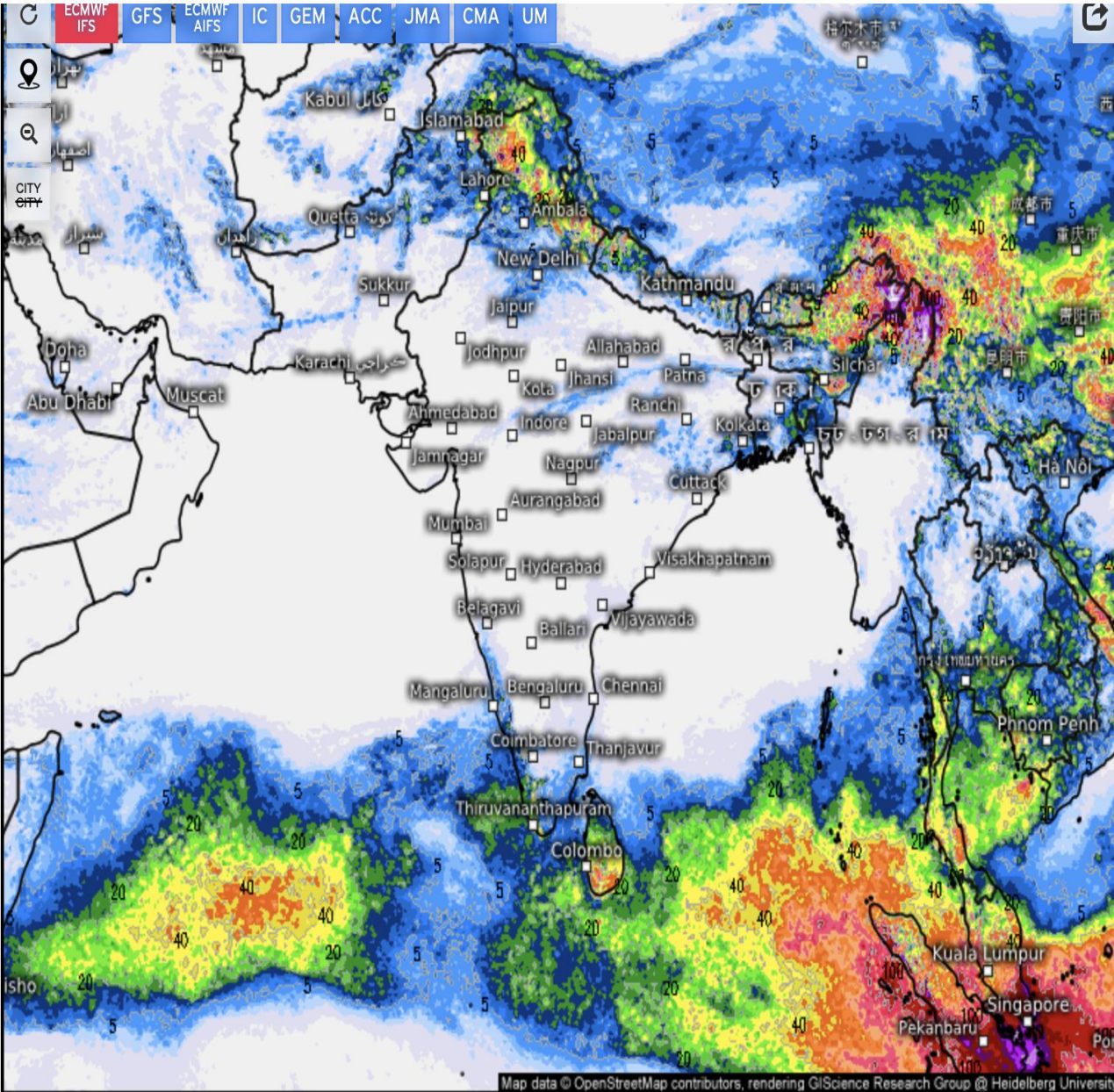
Significant Weather [i](#) Valid for Wed 03/19/2025, 05:30pm IST

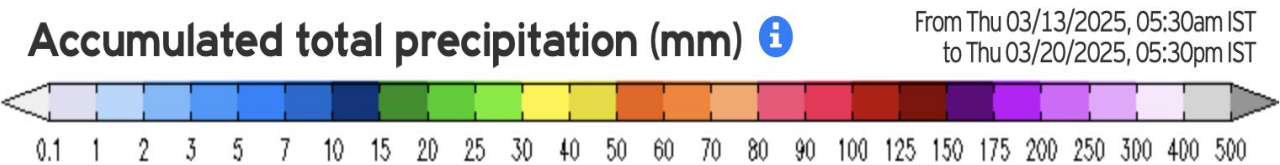
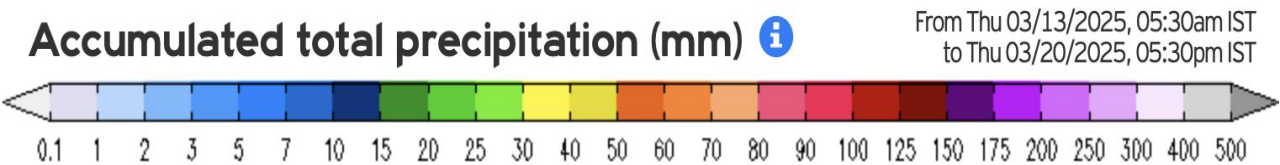
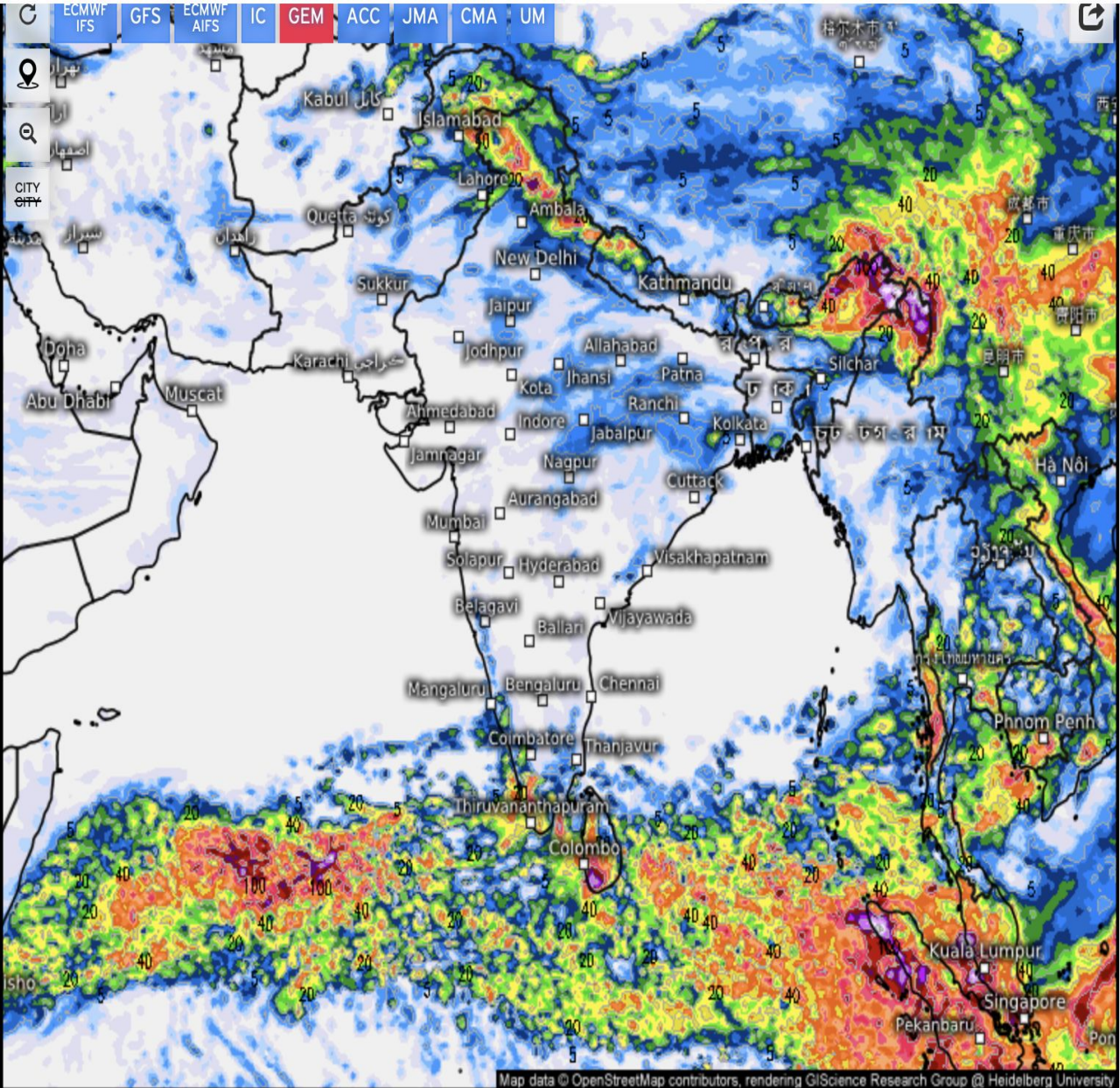
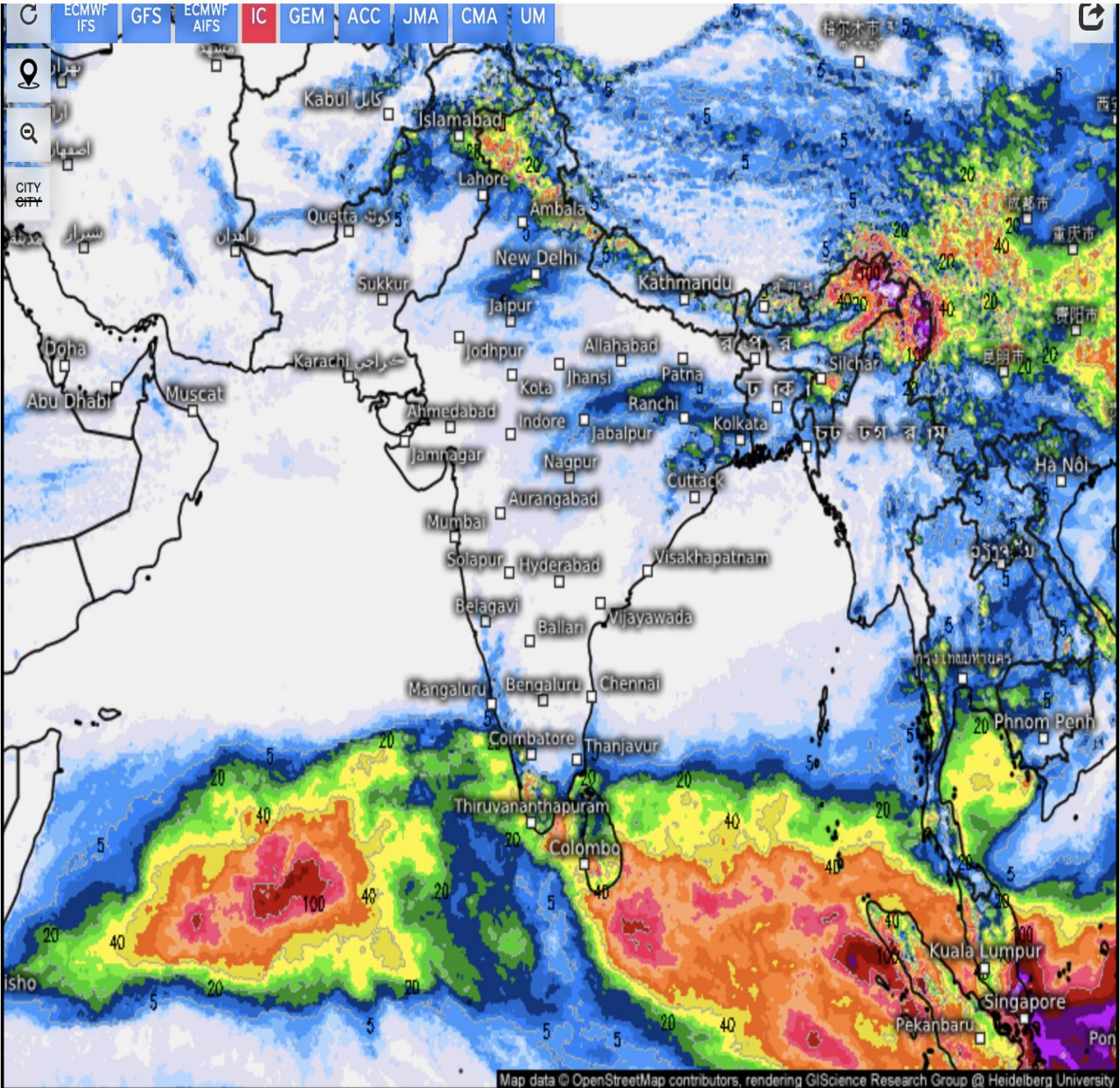
Fog	Fog freezing	Rain light	Rain moderate	Rain heavy	Thunderstorm nearby	Thunderstorm light/moderate	Thunderstorm severe
Mixed Rain/Snow light	Mixed Rain/Snow moderate/heavy	Snow light	Snow moderate	Snow heavy	Ice light	Ice moderate/heavy	

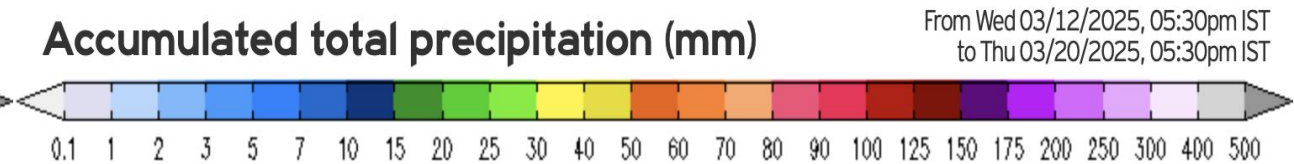
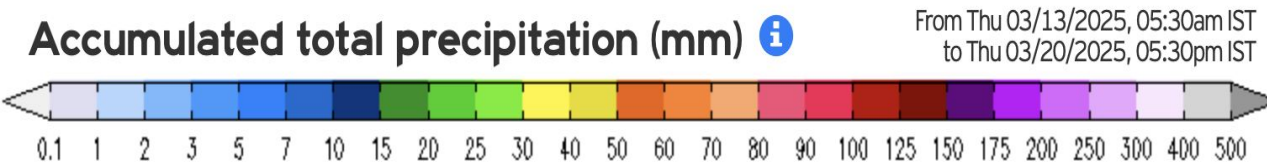
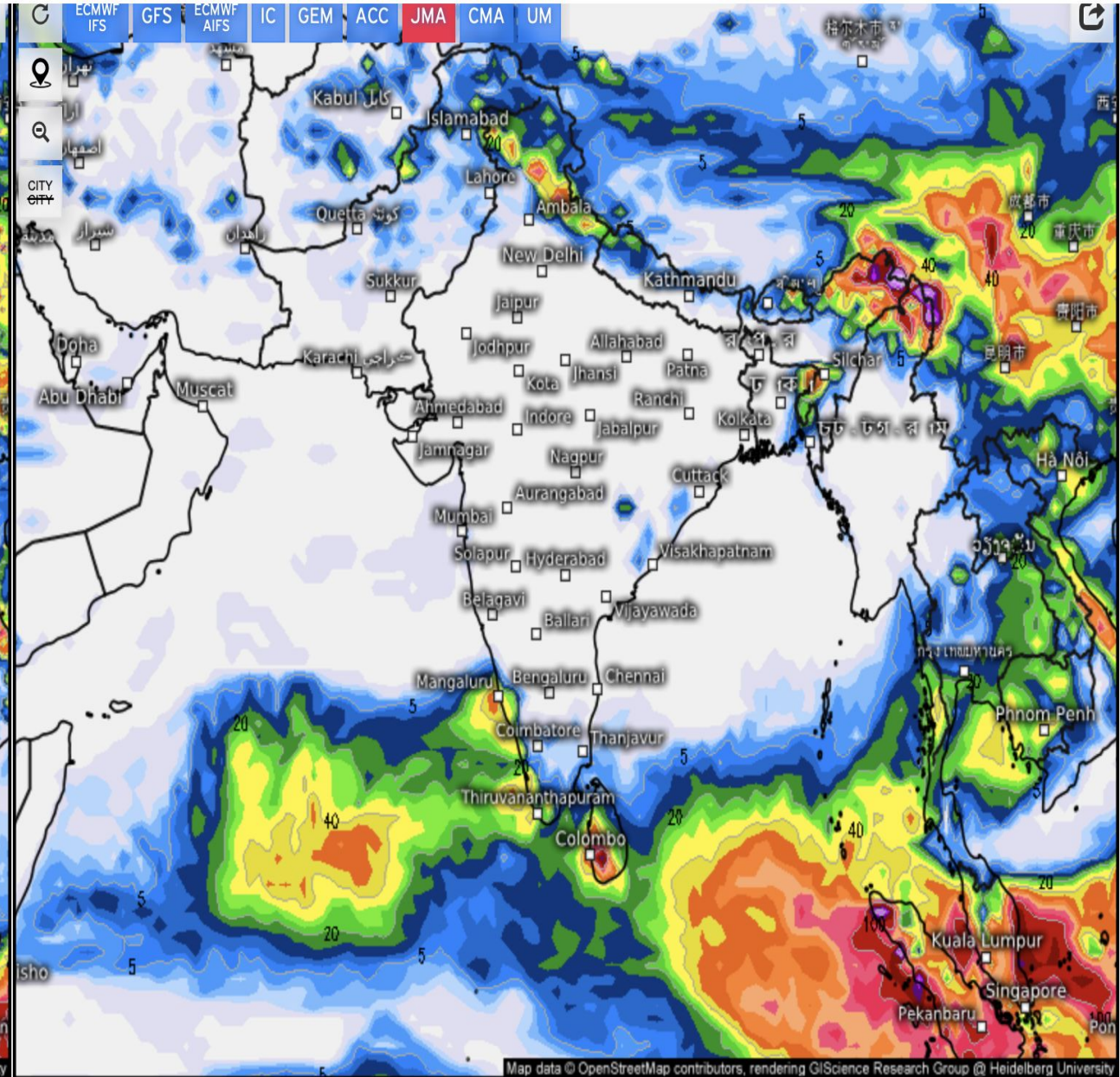
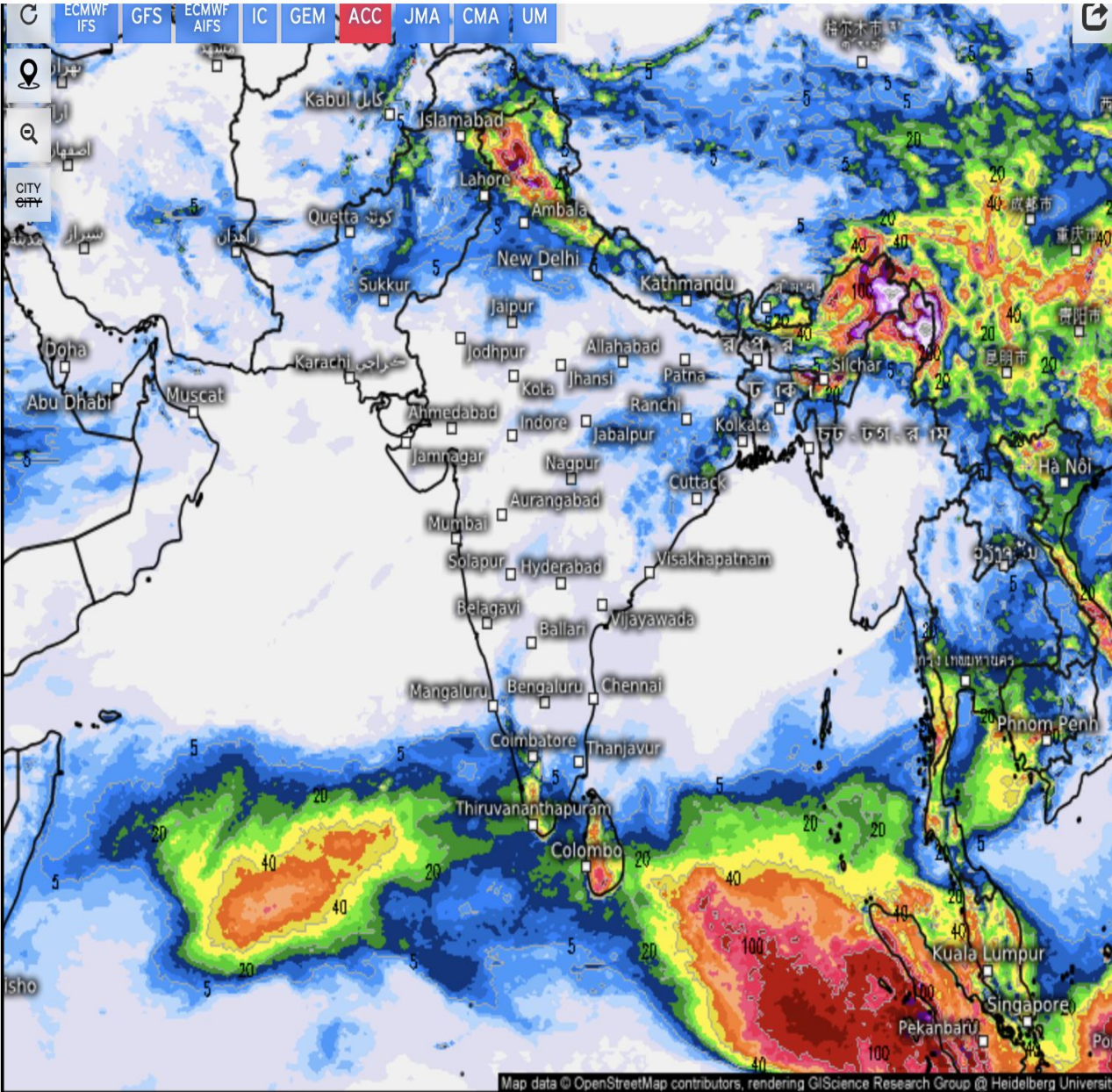


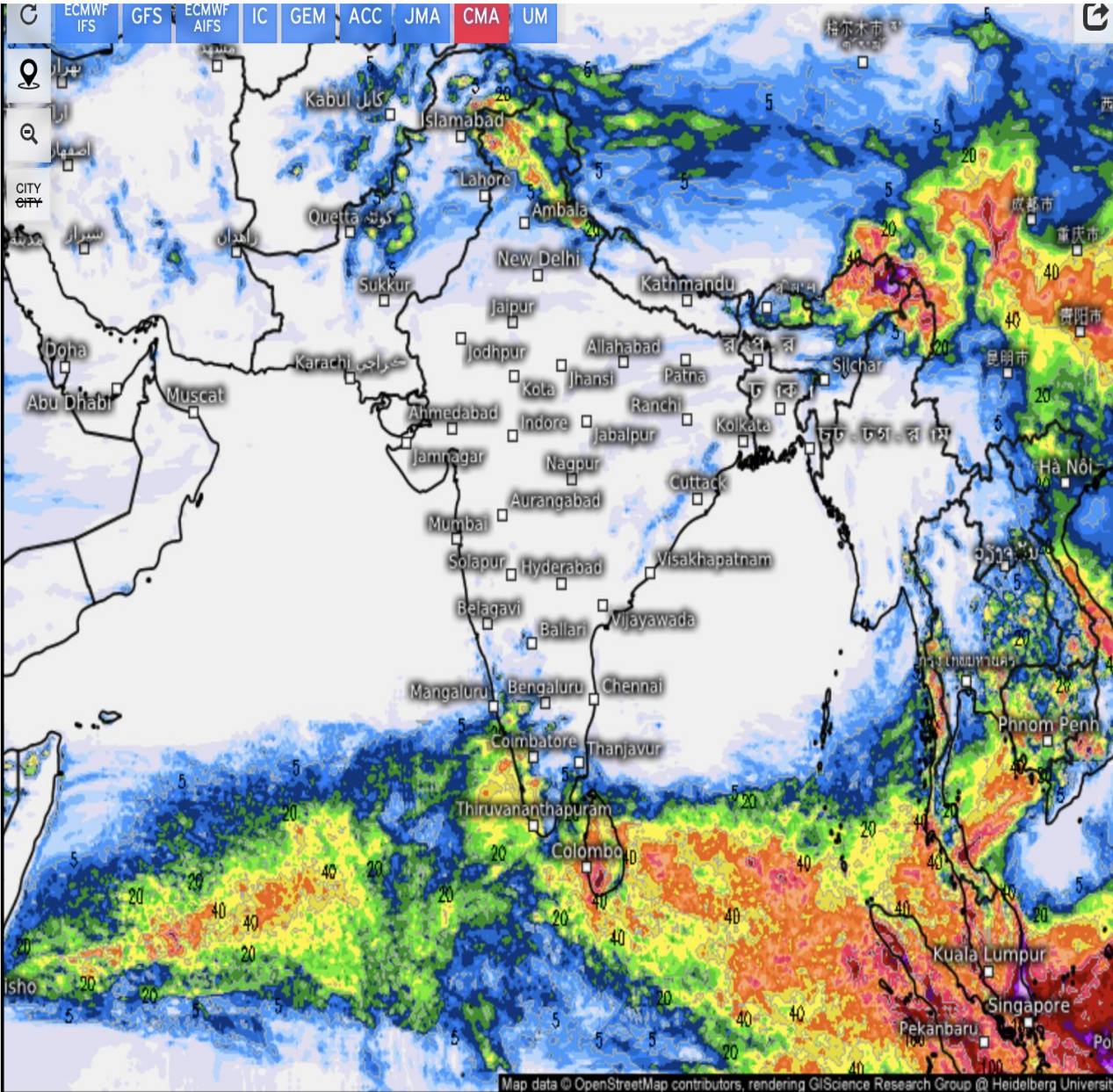
Significant Weather [i](#) Valid for Thu 03/20/2025, 05:30pm IST

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	



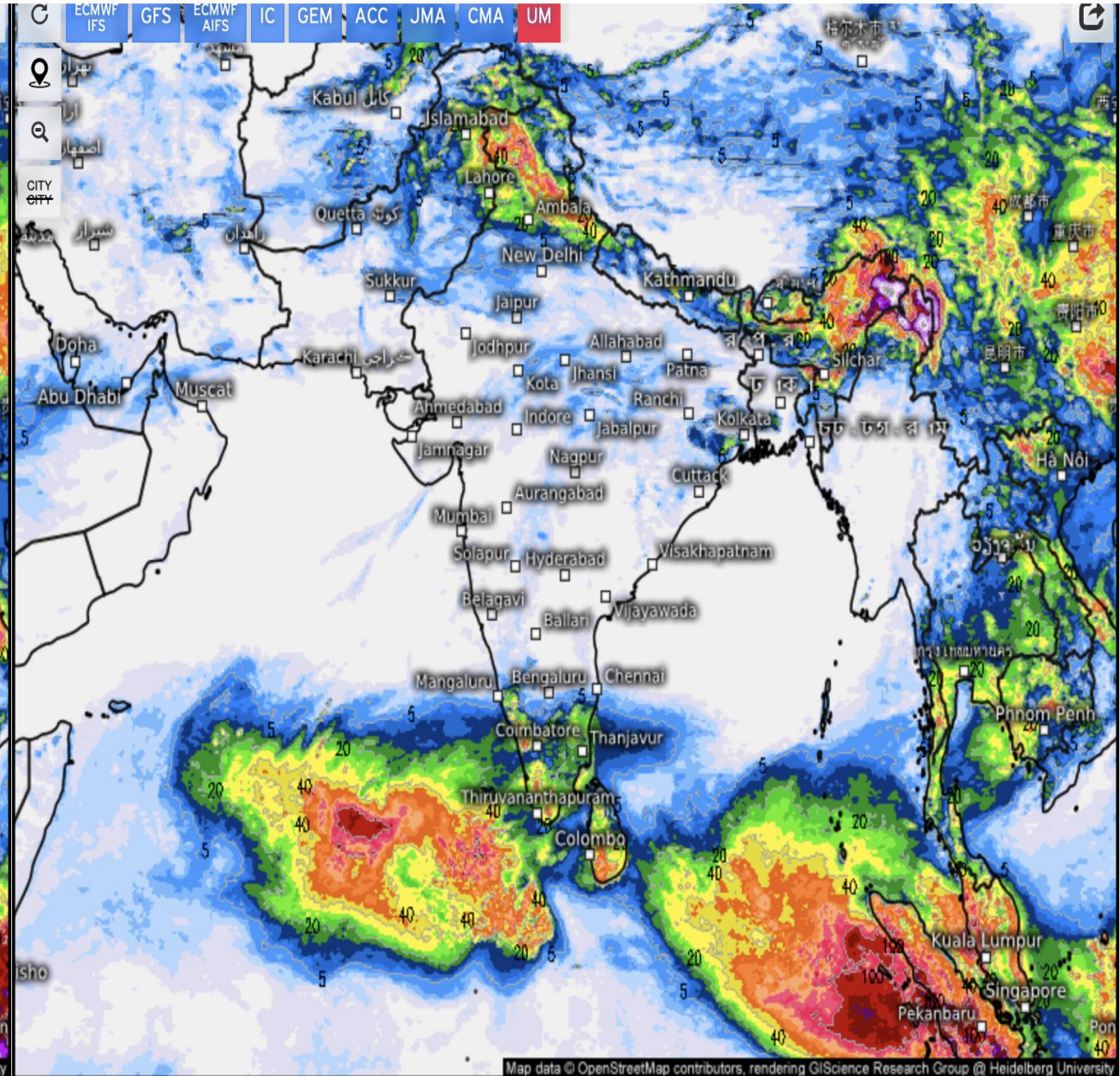
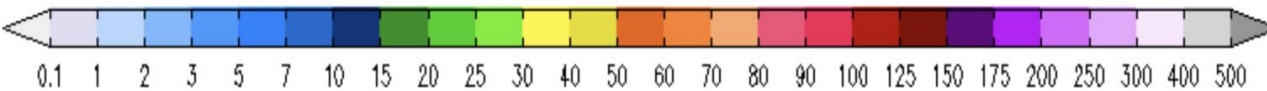






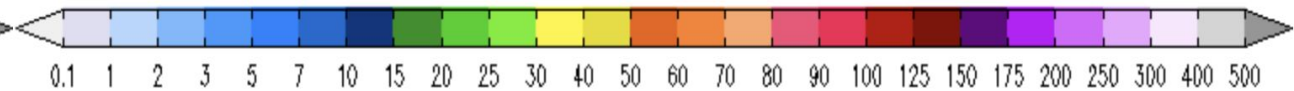
Accumulated total precipitation (mm)

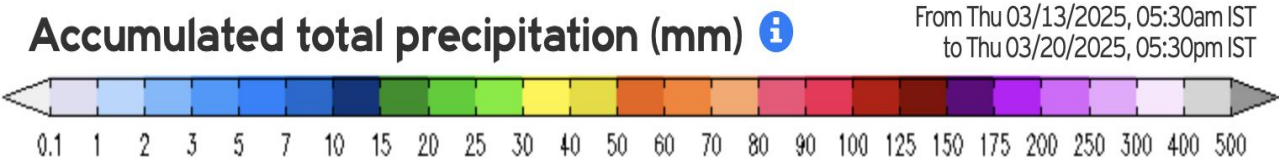
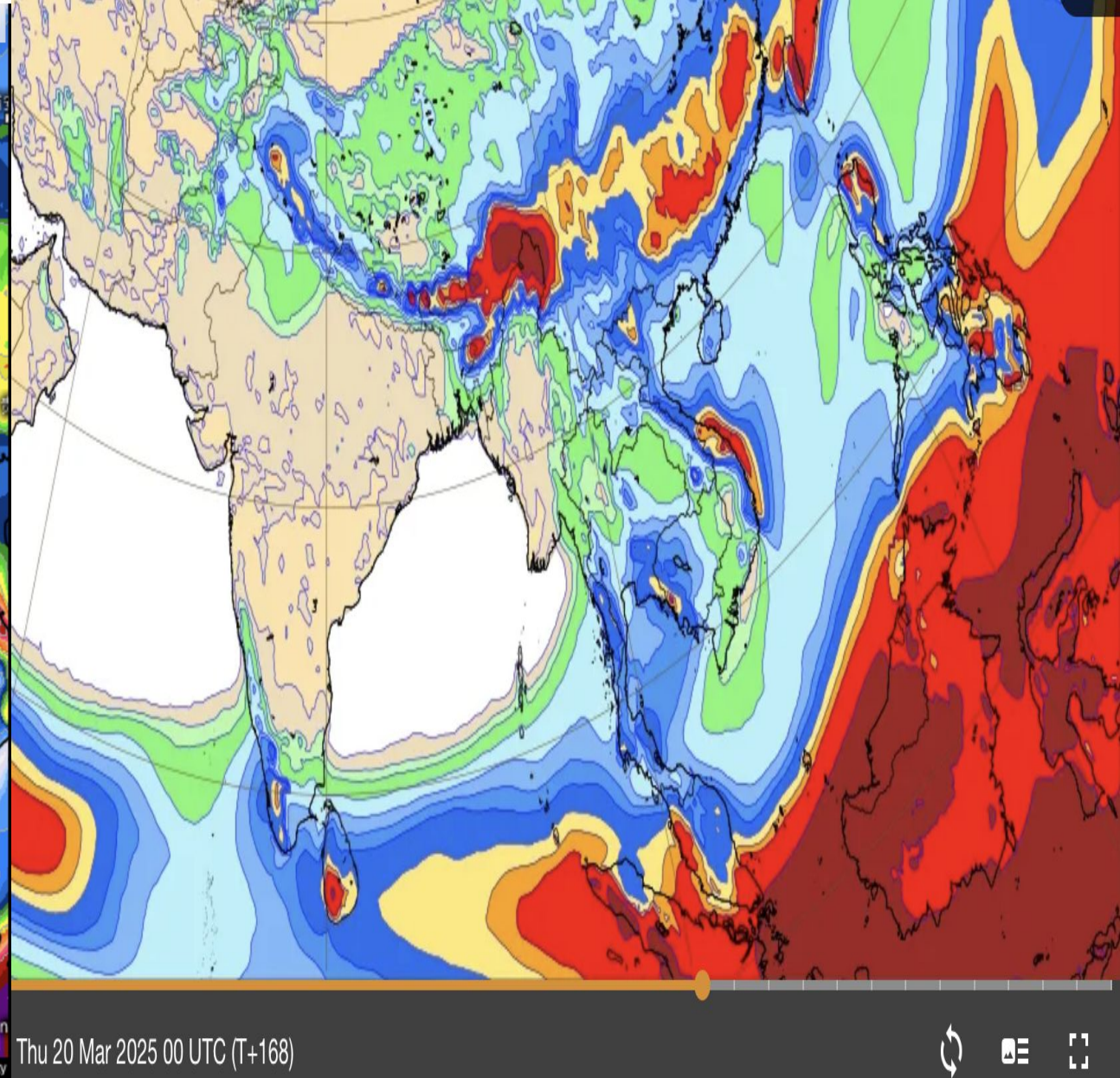
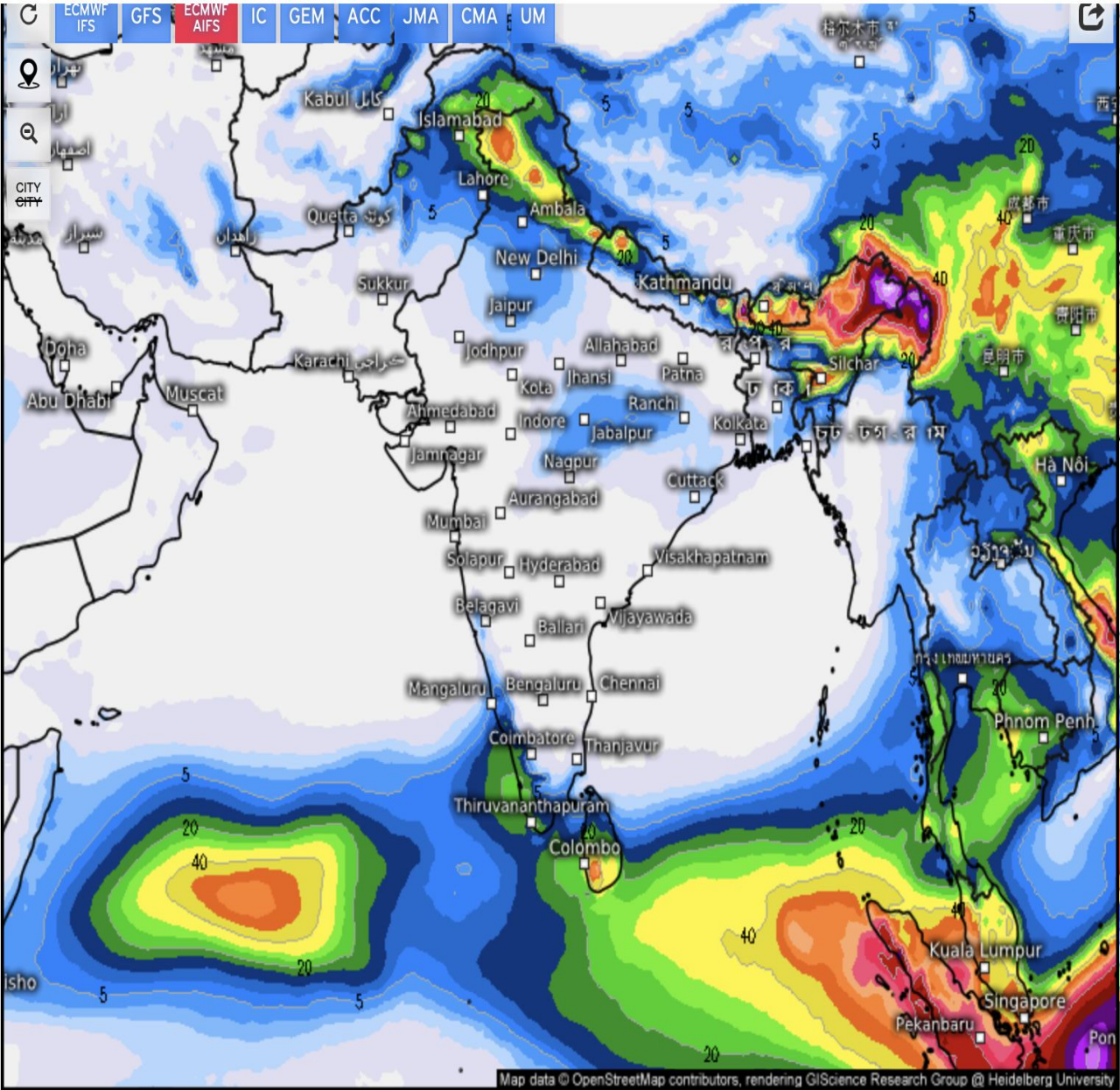
From Wed 03/12/2025, 05:30pm IST
to Thu 03/20/2025, 05:30pm IST

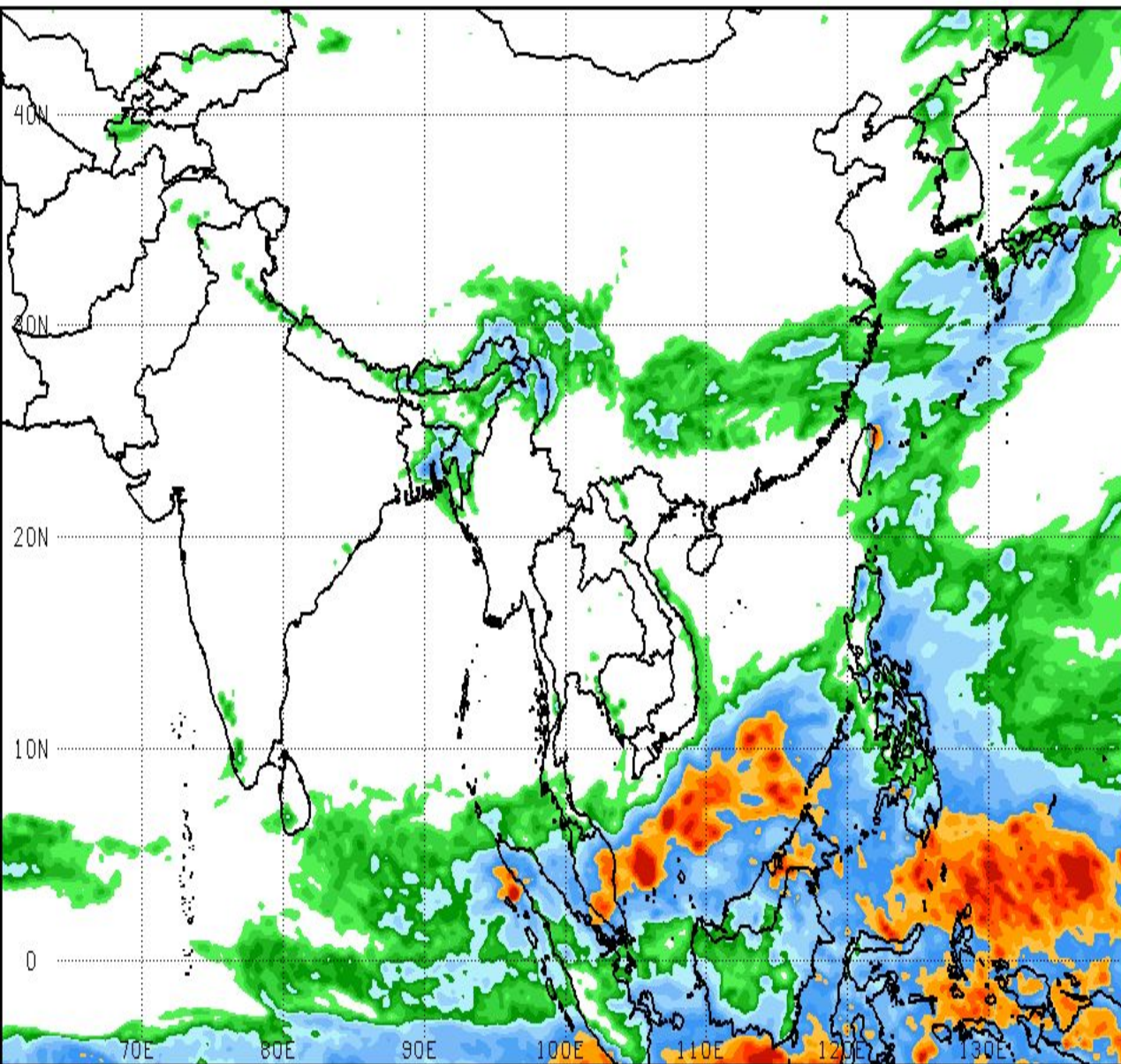


Accumulated total precipitation (mm)

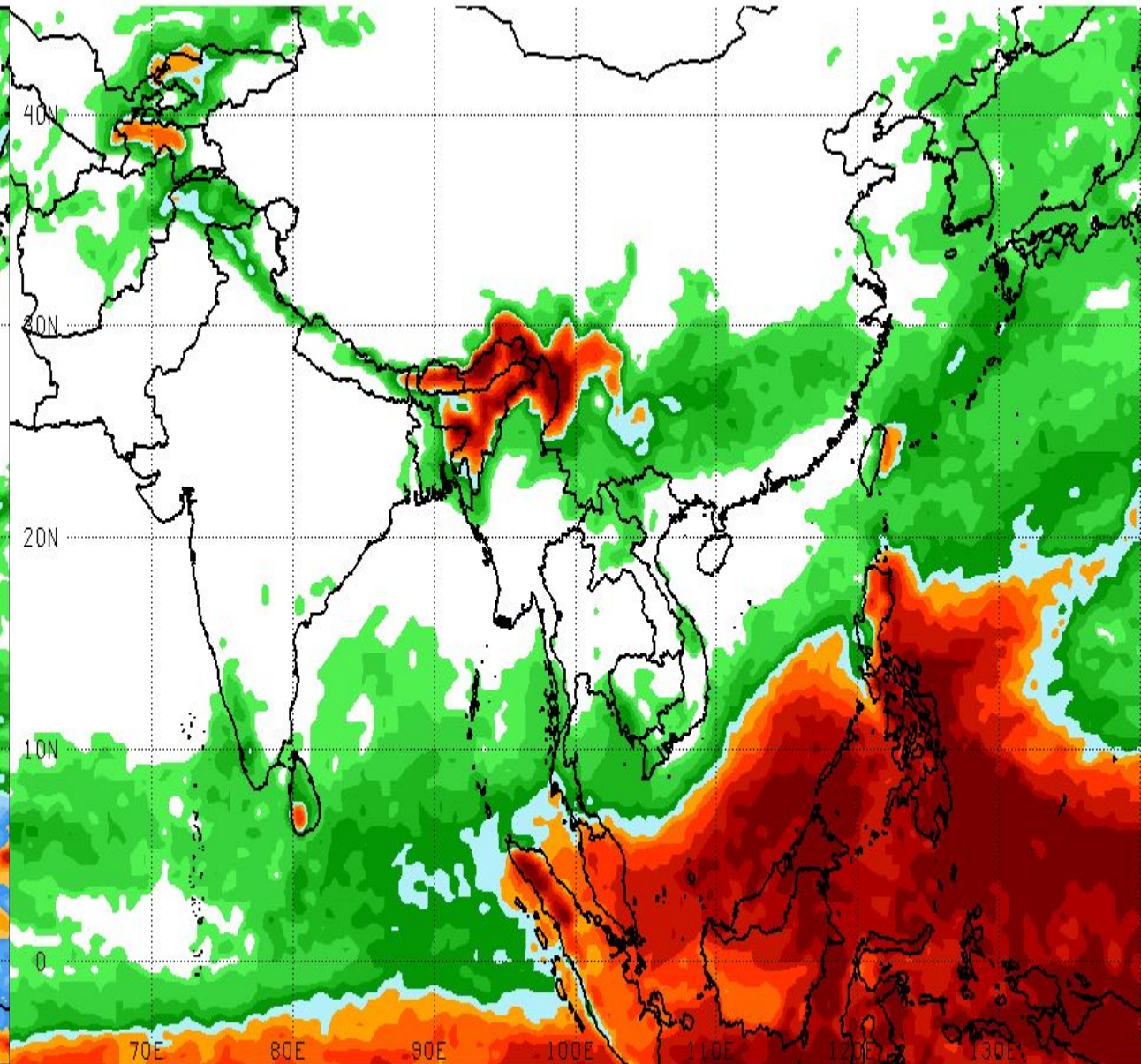
From Wed 03/12/2025, 05:30am IST
to Thu 03/20/2025, 05:30pm IST



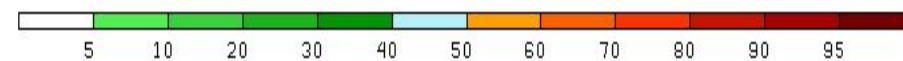


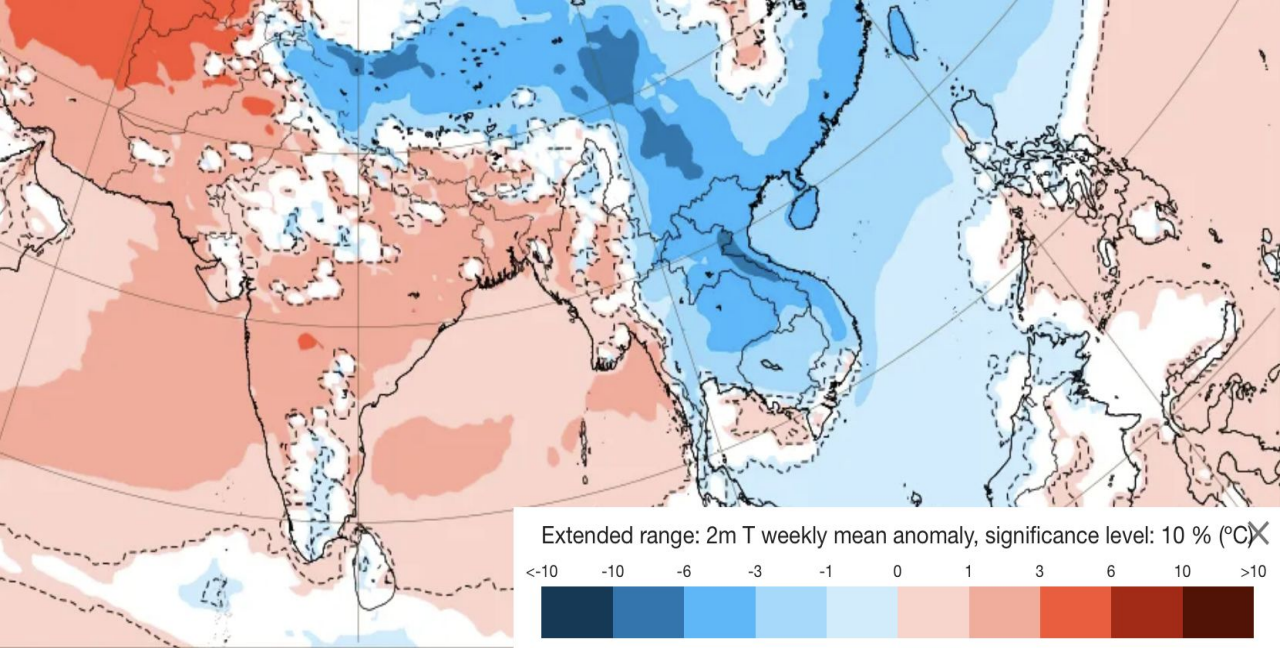


NOAA GFS 20250313 t00z cycle FCST week2 Total Precip (mm) VALID 2025032700Z



NOAA GEFS 20250313 00zCYC FCST Probability of Week2 Precip > 25mm VALID 20250327/0000V336

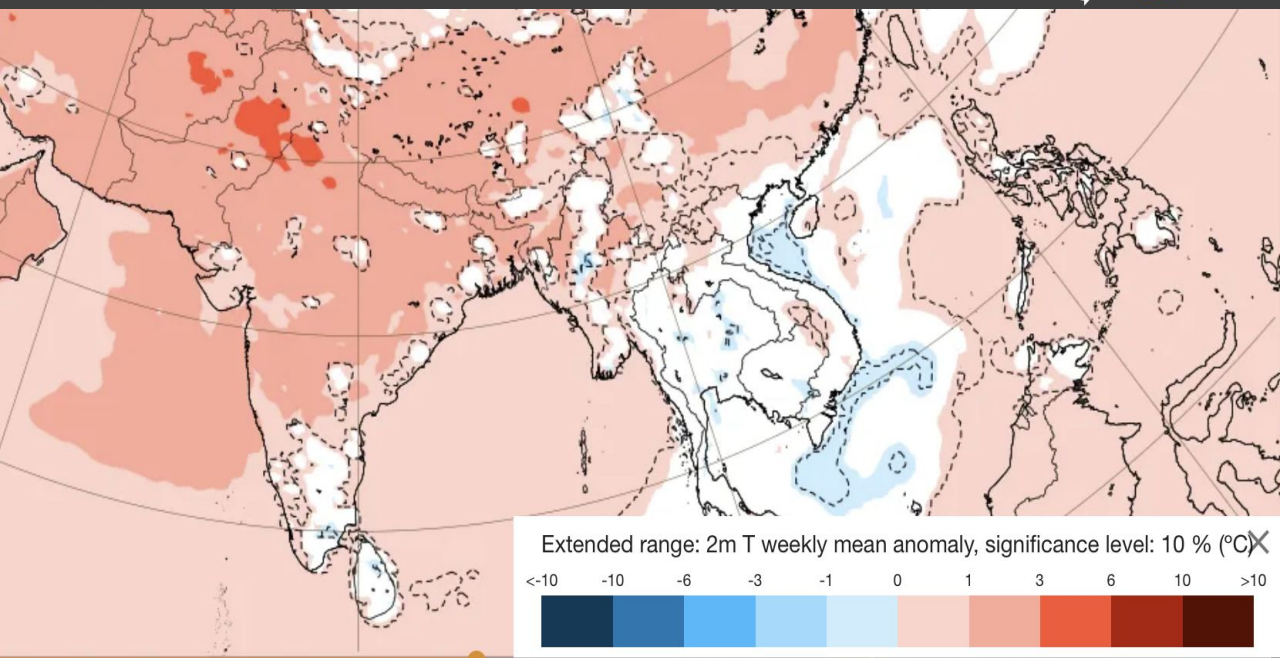
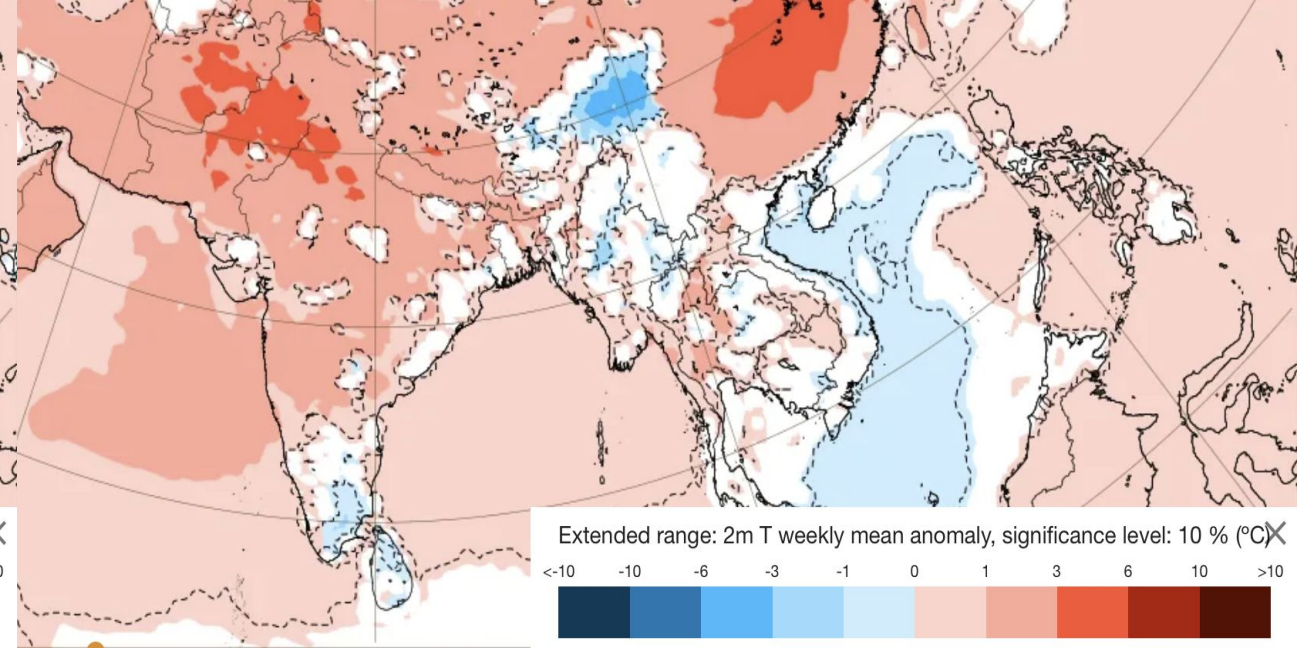




Mon 17 Mar 2025 - Mon 24 Mar 2025



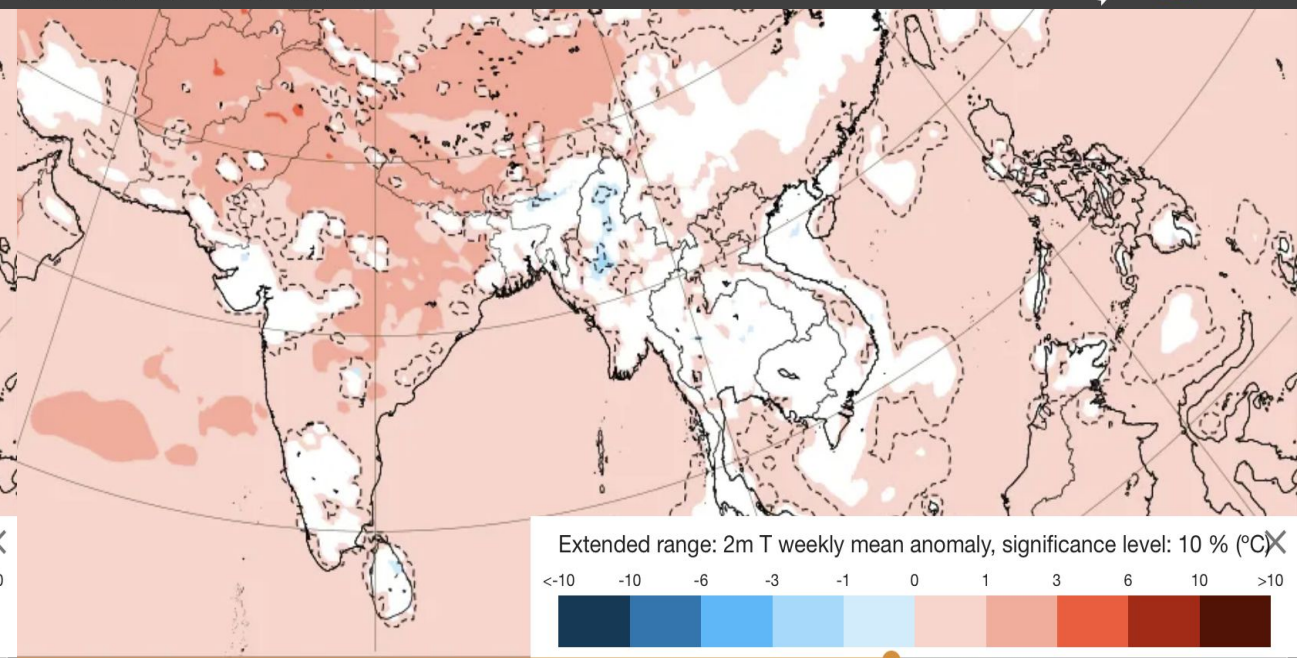
Mon 24 Mar 2025 - Mon 31 Mar 2025



Mon 31 Mar 2025 - Mon 07 Apr 2025



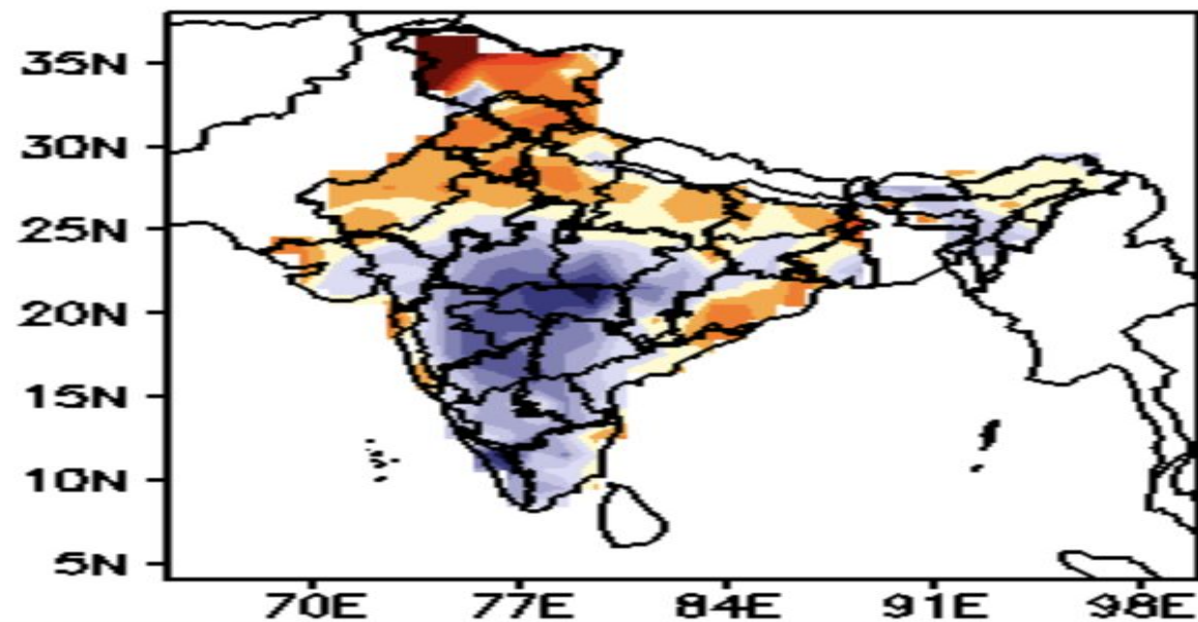
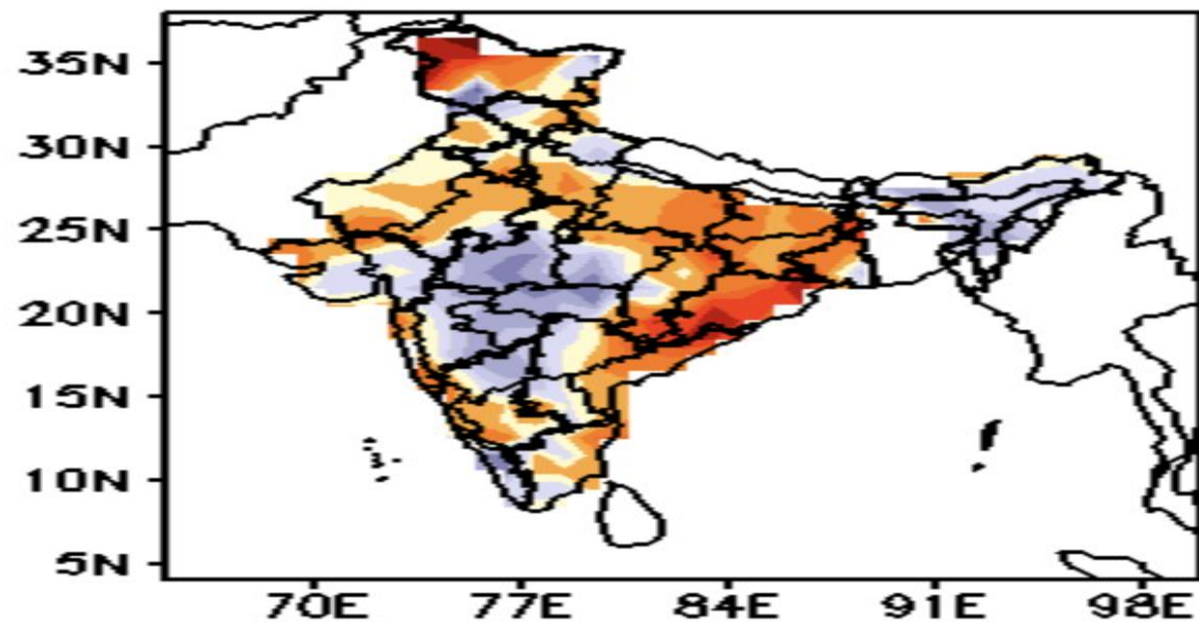
Mon 07 Apr 2025 - Mon 14 Apr 2025



MME forecast Tmax anomaly (Deg C)

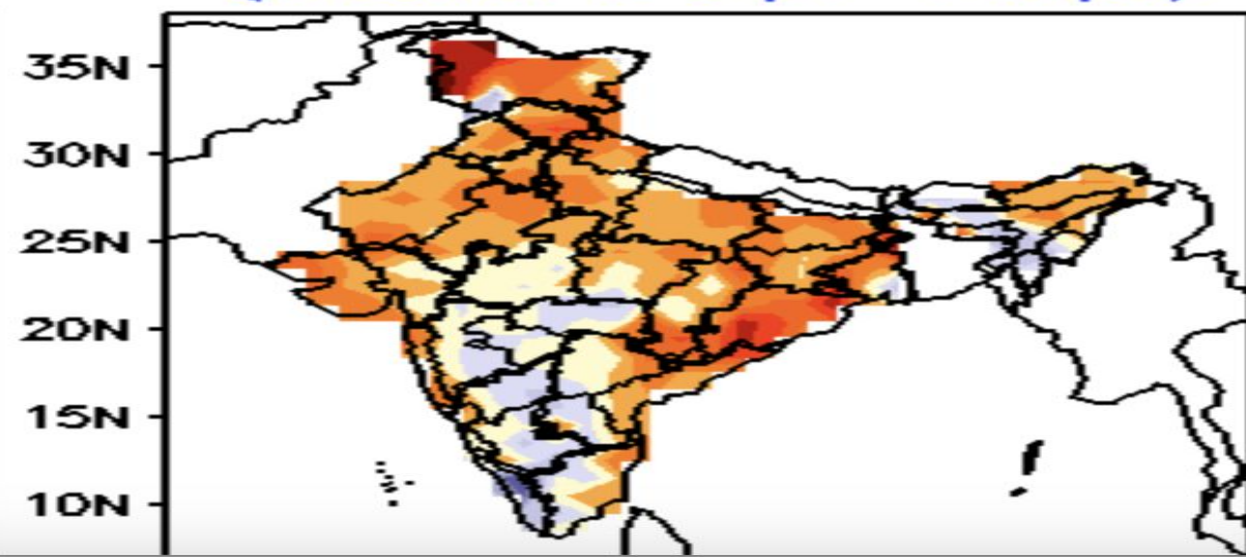
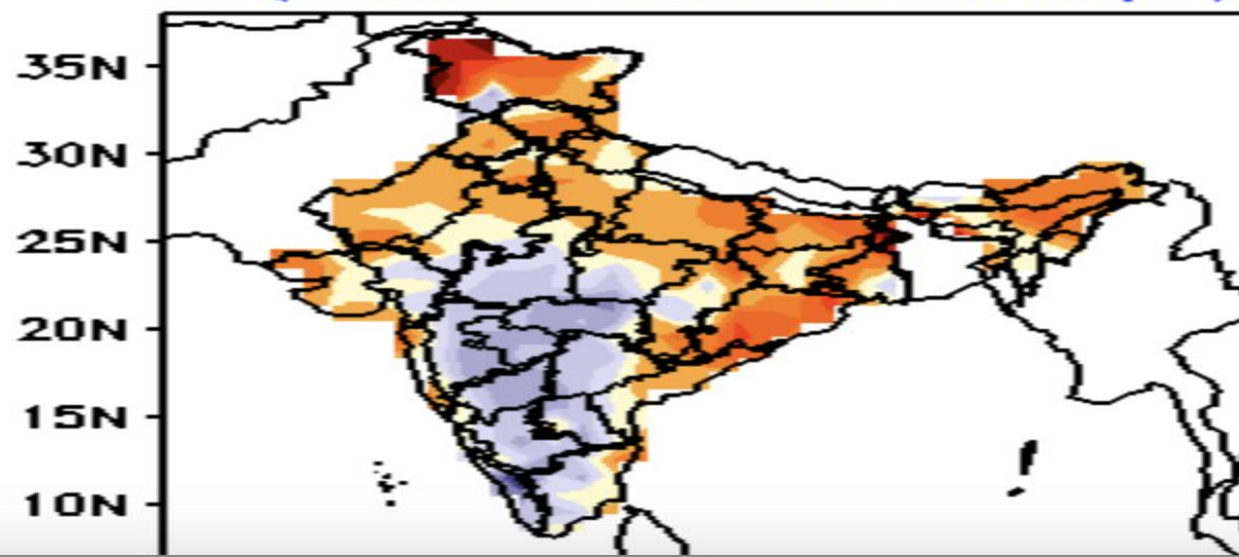
(Week1: 14Mar-20Mar)

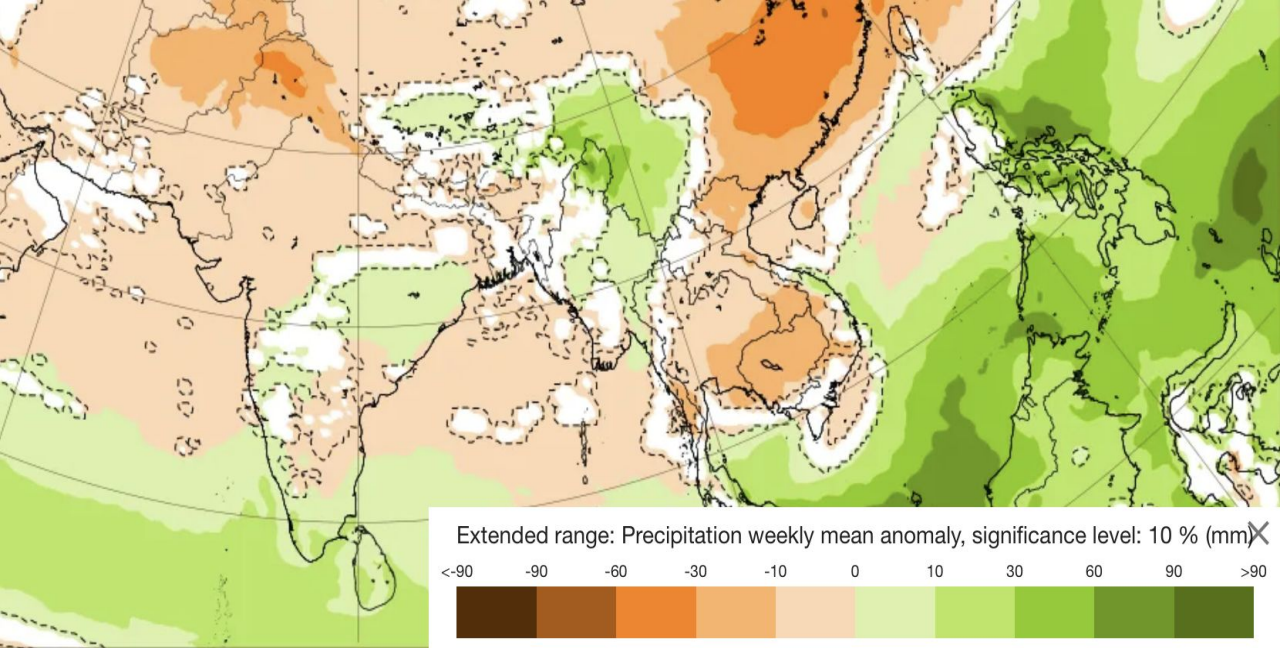
(Week2: 21Mar-27Mar)



(Week3: 28Mar-03Apr)

(Week4: 04Apr-10Apr)

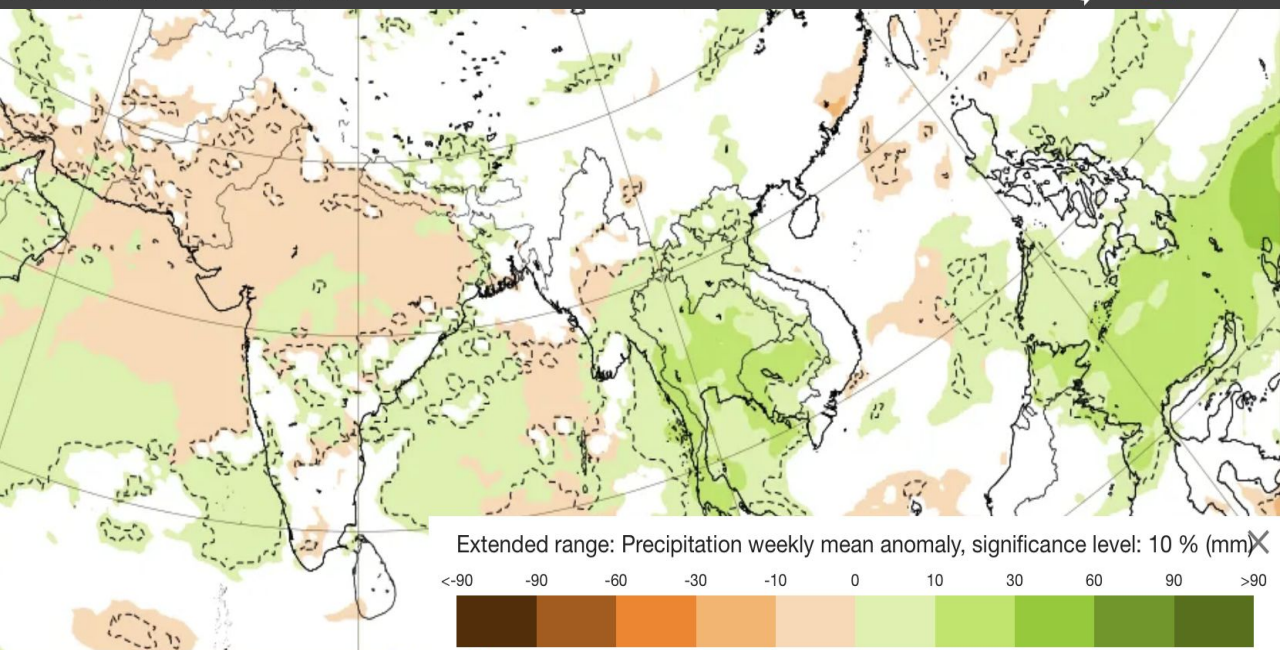




Mon 17 Mar 2025 - Mon 24 Mar 2025



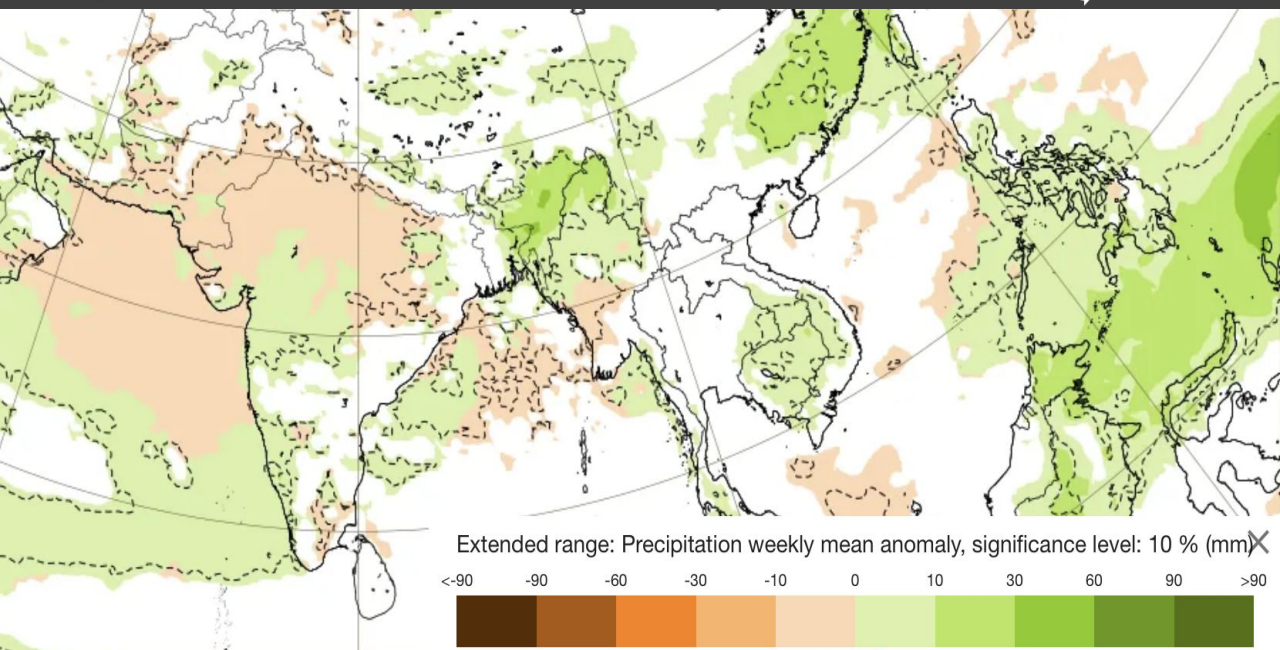
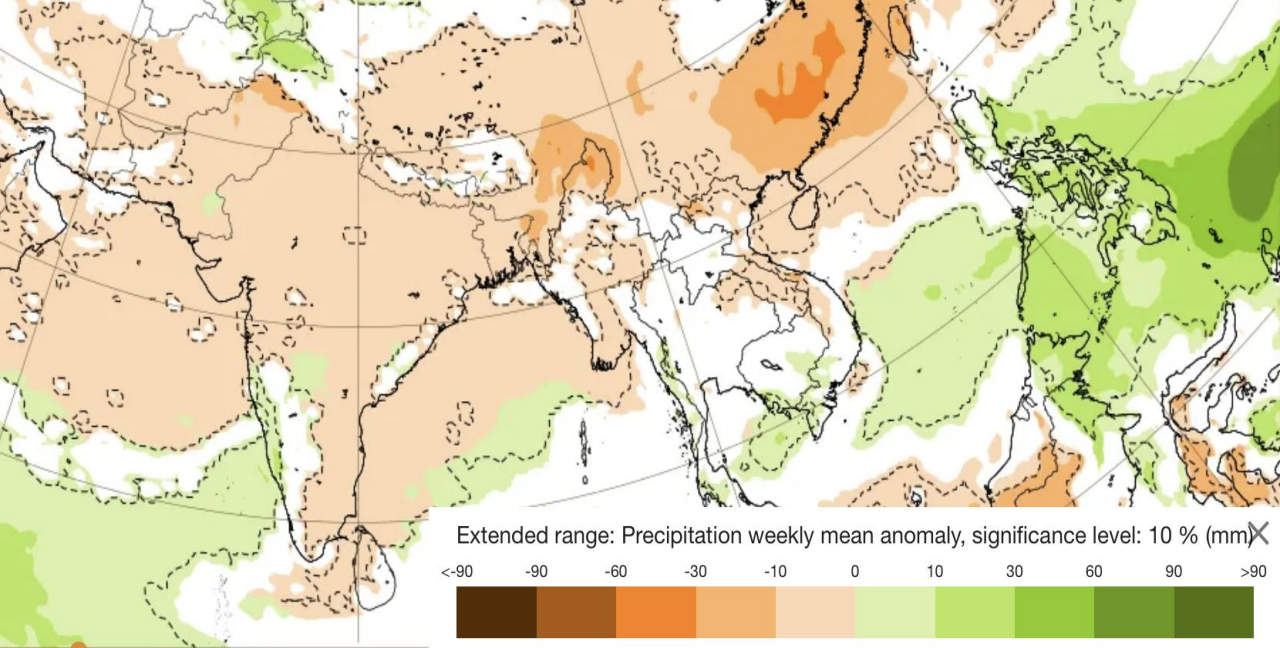
Mon 24 Mar 2025 - Mon 31 Mar 2025



Mon 31 Mar 2025 - Mon 07 Apr 2025

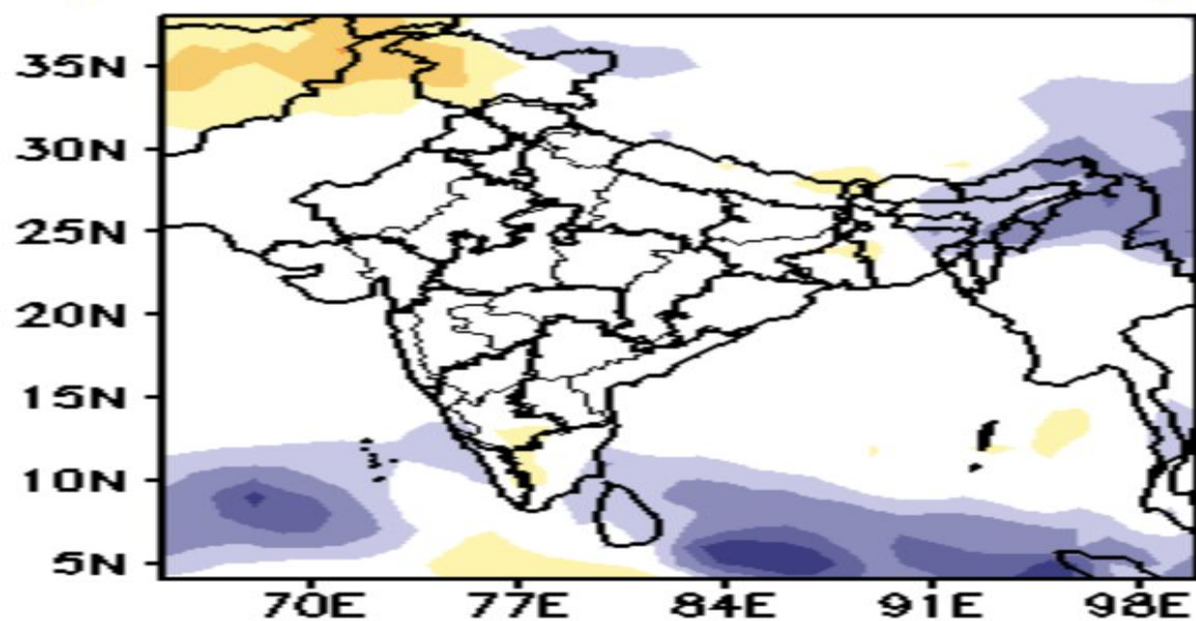


Mon 07 Apr 2025 - Mon 14 Apr 2025

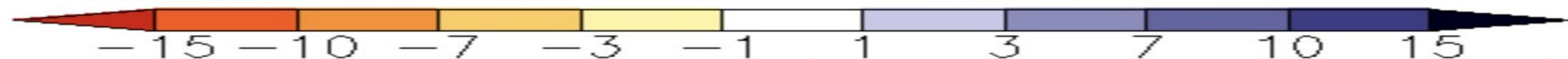
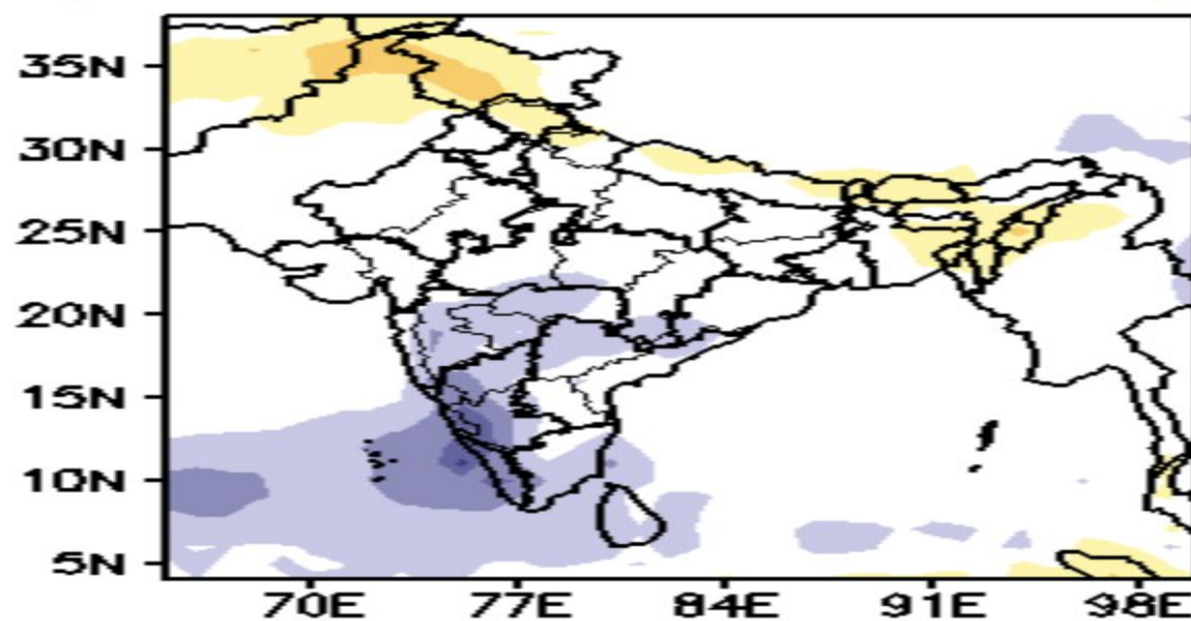


Forecast Rainfall Anomaly (mm/day) (00Z=0530 hrs IST)

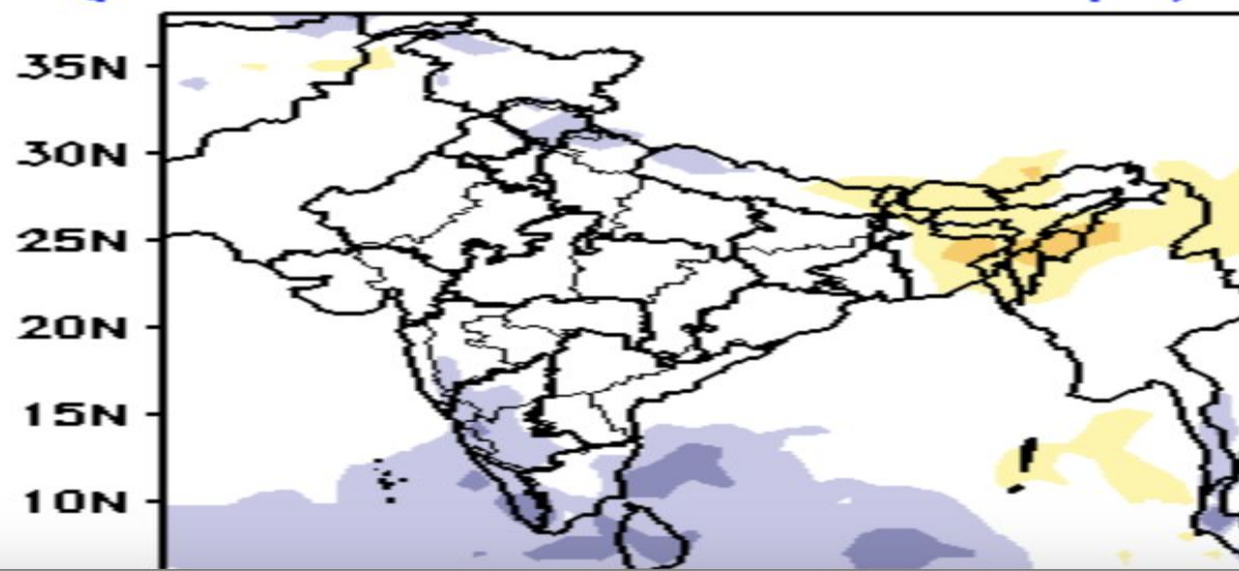
(Week1:00Z13Mar-00Z20Mar)



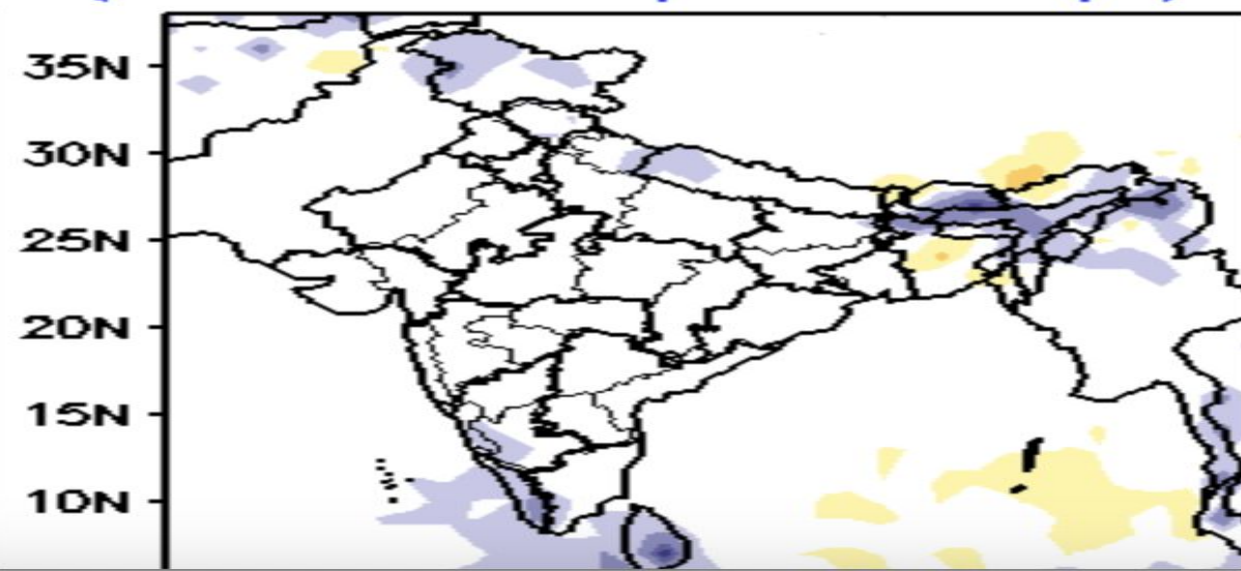
(Week2:00Z20Mar-00Z27Mar)



(Week3:00Z27Mar-00Z03Apr)



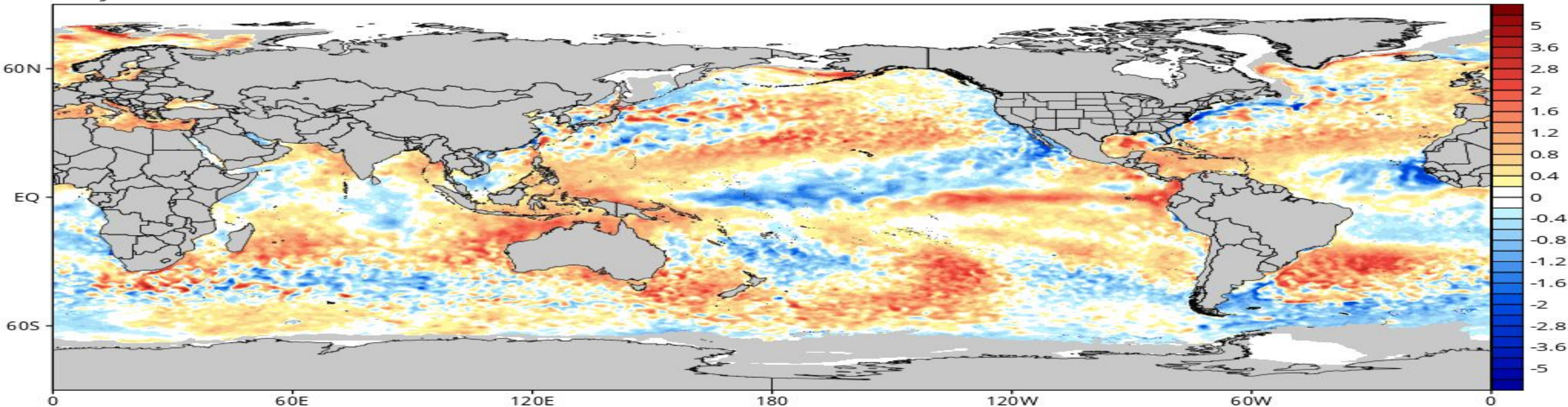
(Week4:00Z03Apr-00Z10Apr)



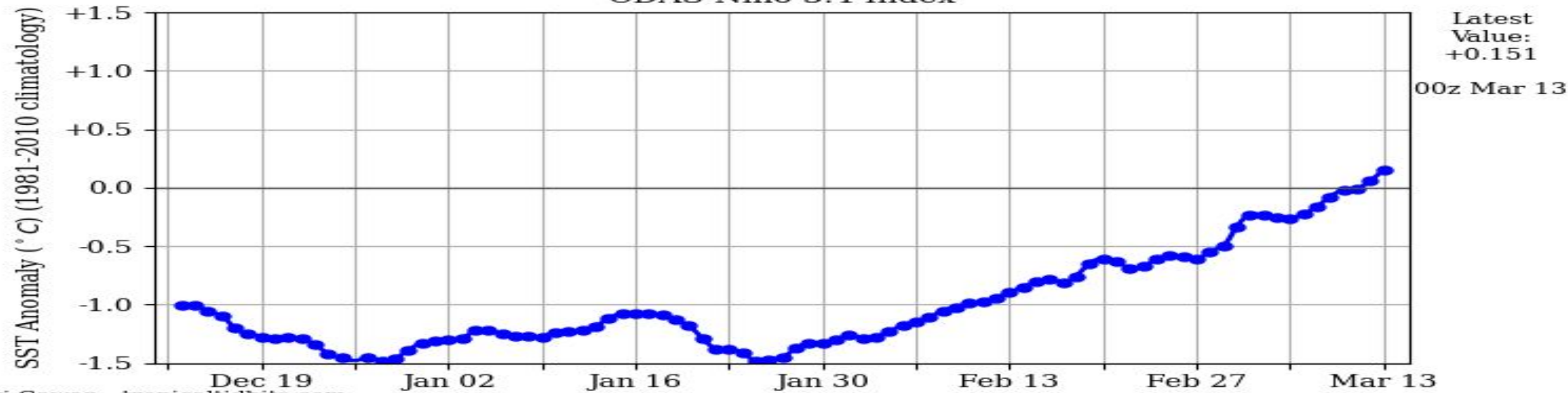
CDAS Sea Surface Temperature Anomaly ($^{\circ}\text{C}$) (based on CFSR 1981-2010 Climatology)

Analysis Time: 00z Mar 13 2025

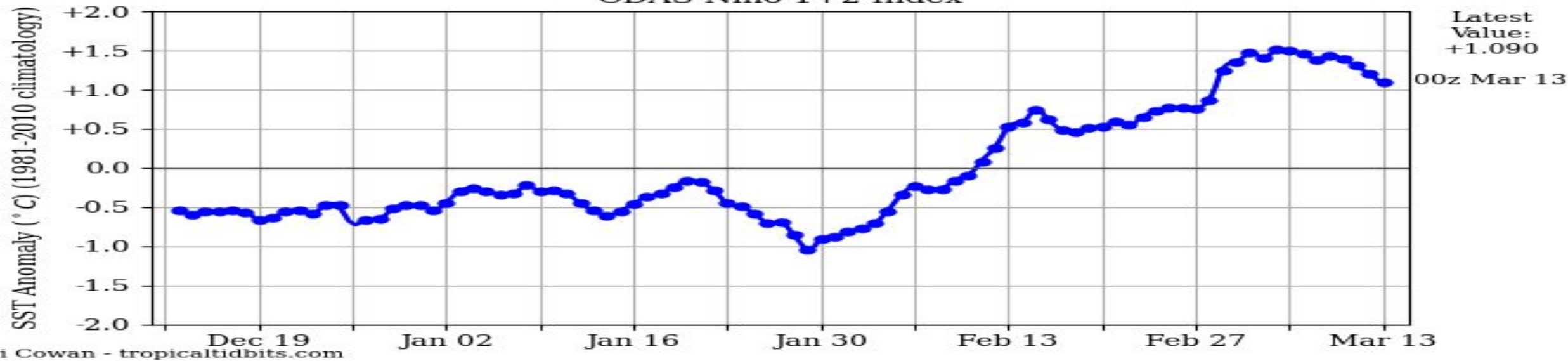
TROPICALTIDBITS.COM



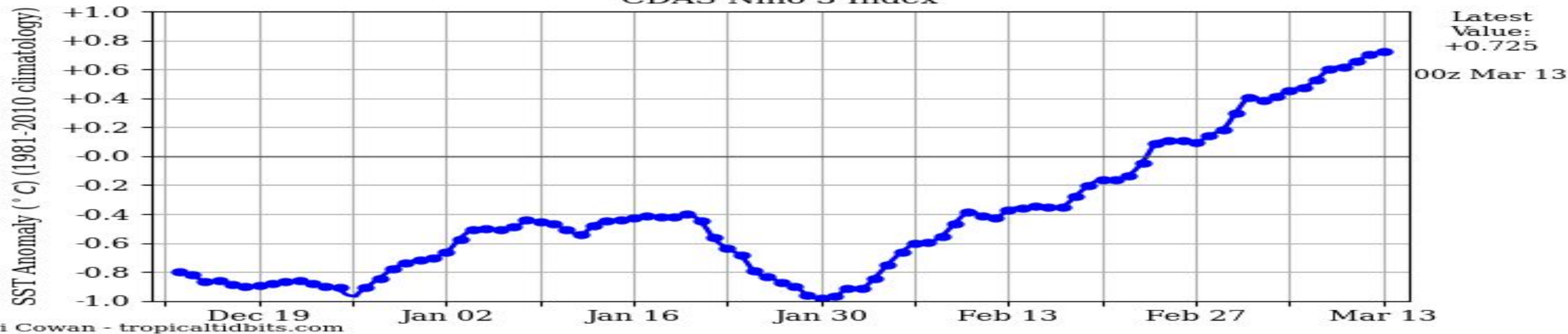
CDAS Niño 3.4 Index



CDAS Niño 1+2 Index



CDAS Niño 3 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

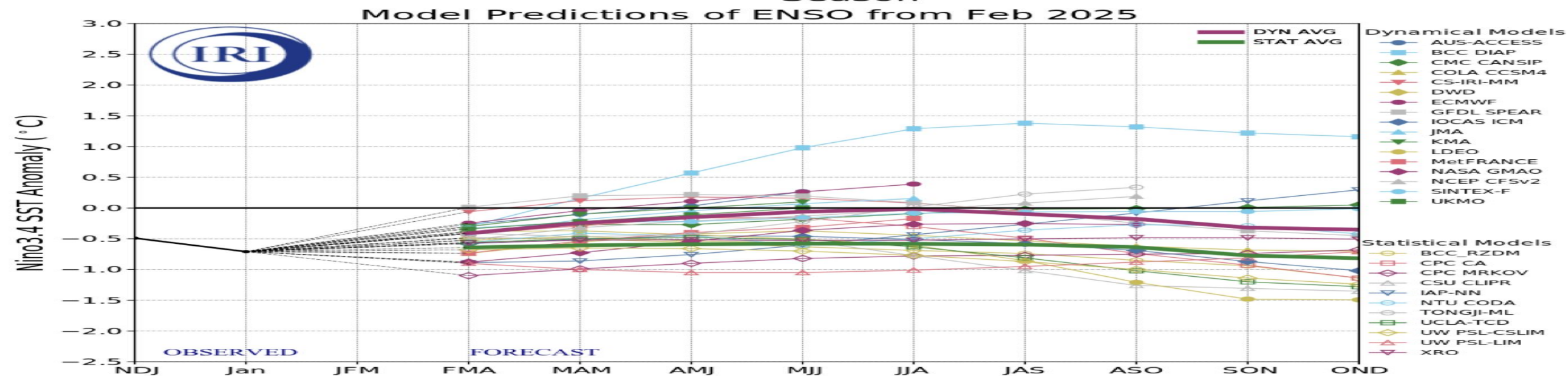
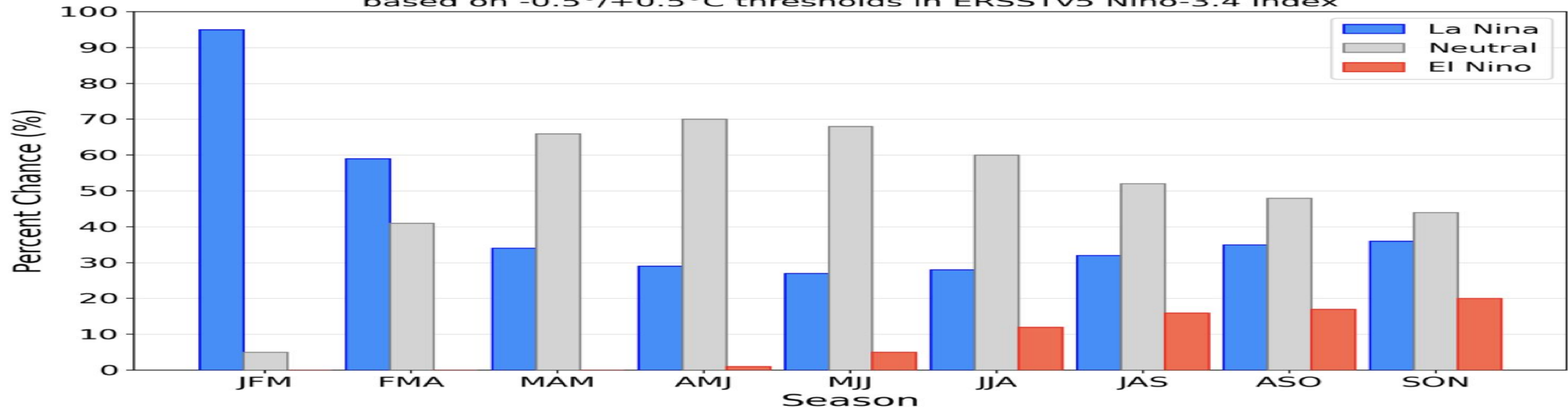
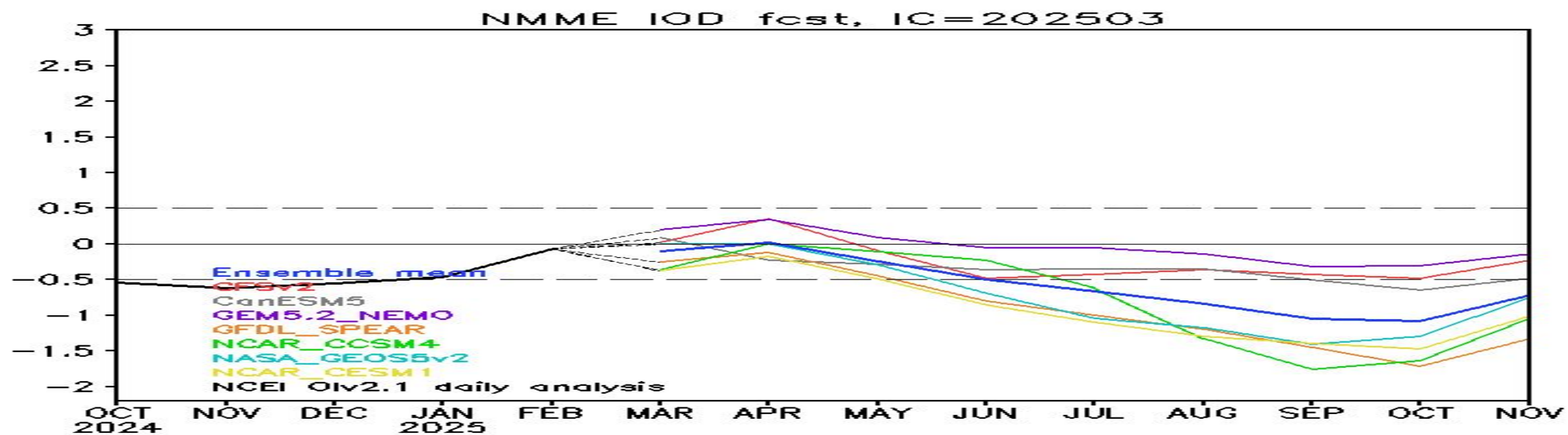


Figure provided by the International Research Institute (IRI) for Climate and Society



Prediction of MJO-related anomalies using GEFS operational forecast
Initial date: 09 Mar 2025
OLR

