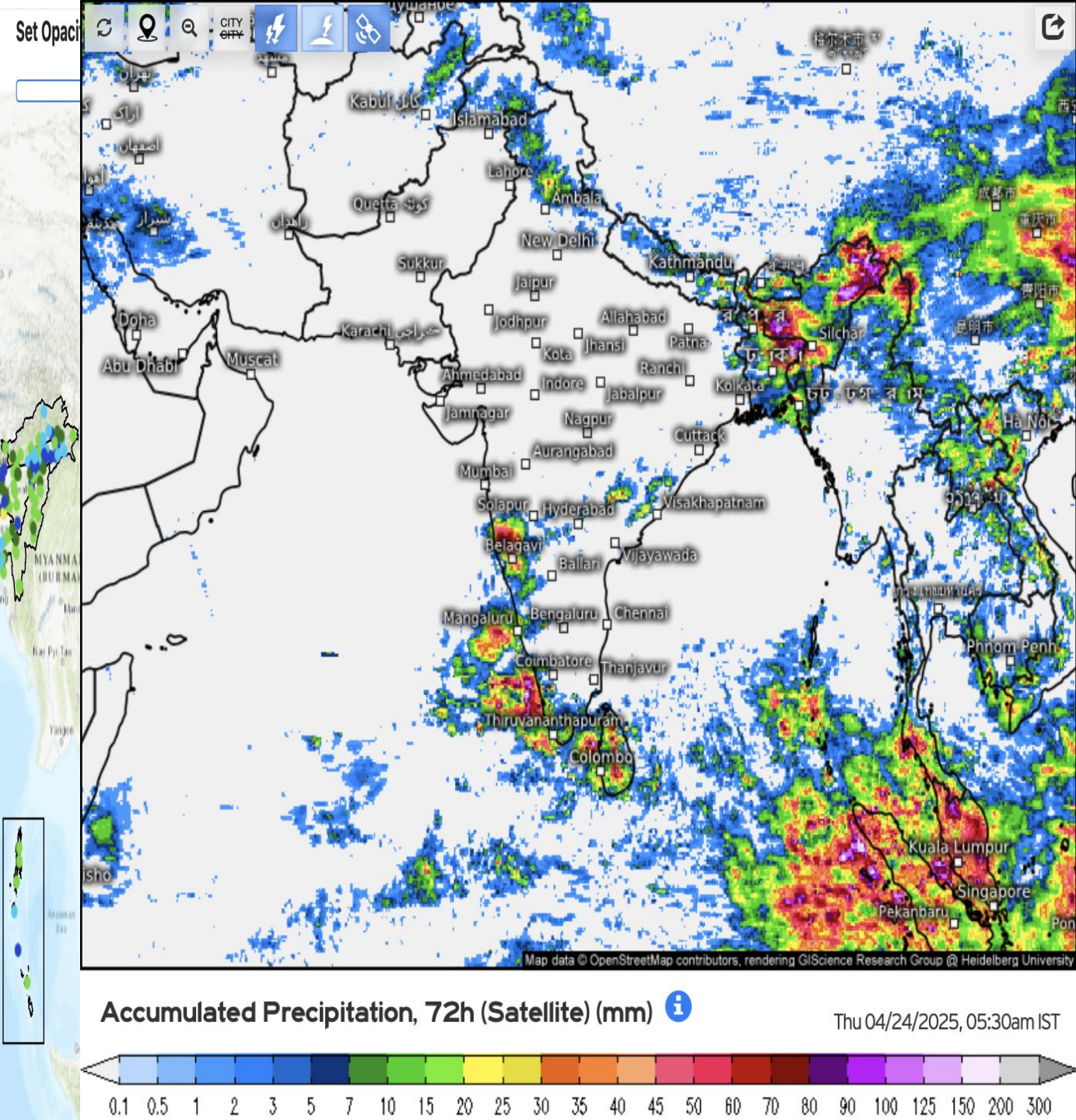
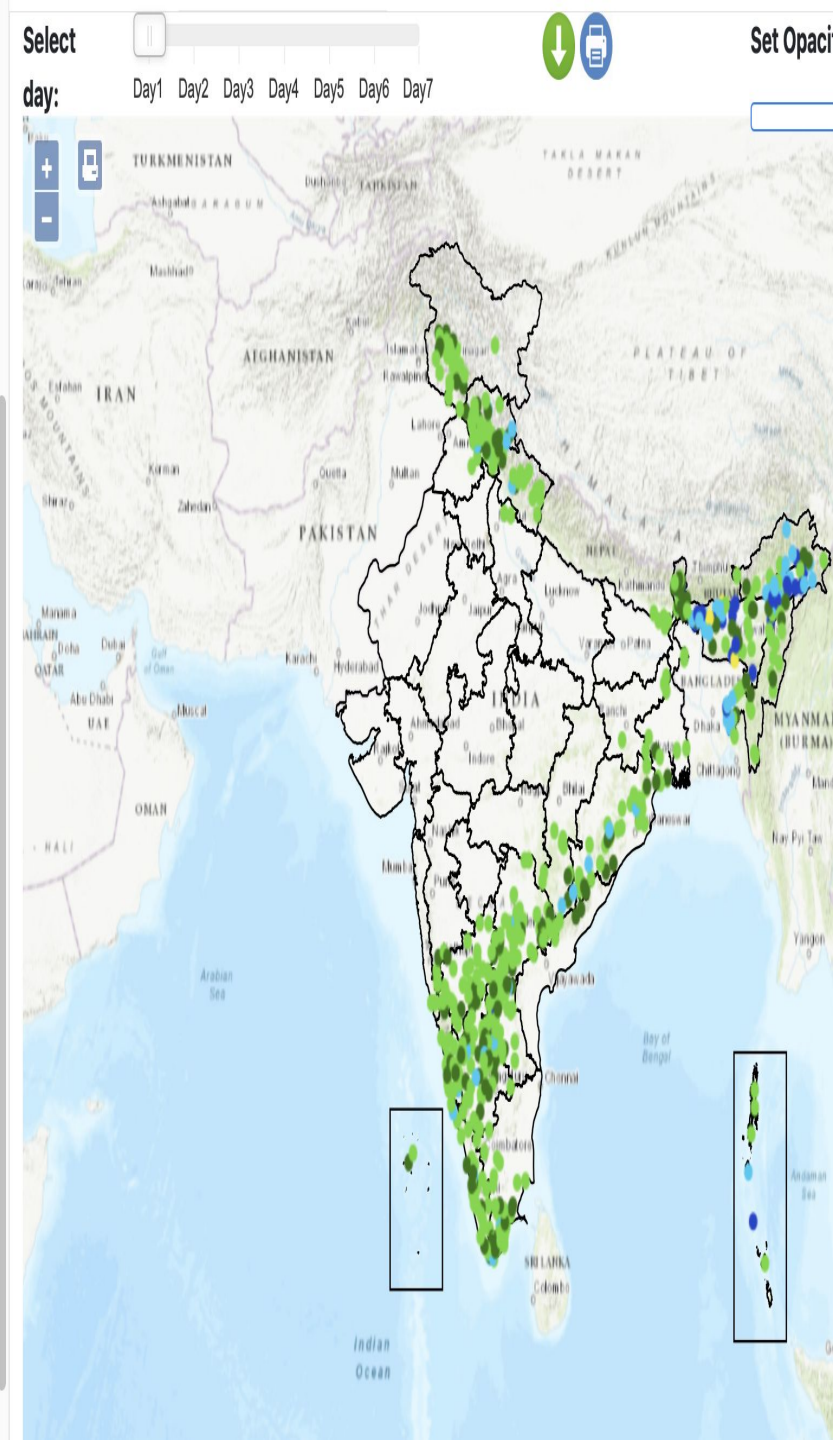


- ☒ Day 3 (08:30 IST 21/4/2025 - 08:30 IST 24/4/2025)
- ☐ Day 4 (08:30 IST 20/4/2025 - 08:30 IST 24/4/2025)
- ☐ Day 5 (08:30 IST 19/4/2025 - 08:30 IST 24/4/2025)
- ☐ Day 6 (08:30 IST 18/4/2025 - 08:30 IST 24/4/2025)
- ☐ Day 7 (08:30 IST 17/4/2025 - 08:30 IST 24/4/2025)

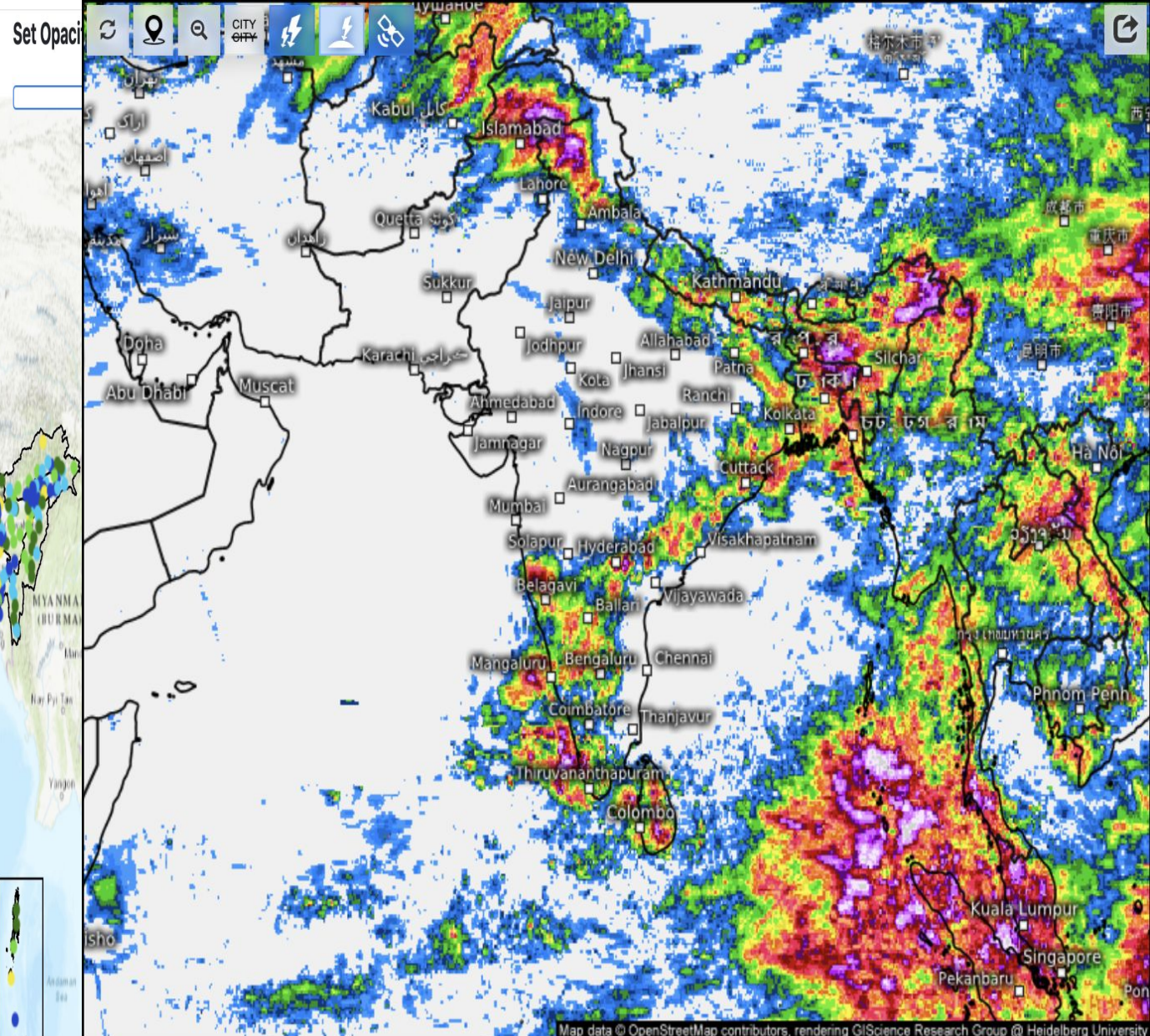
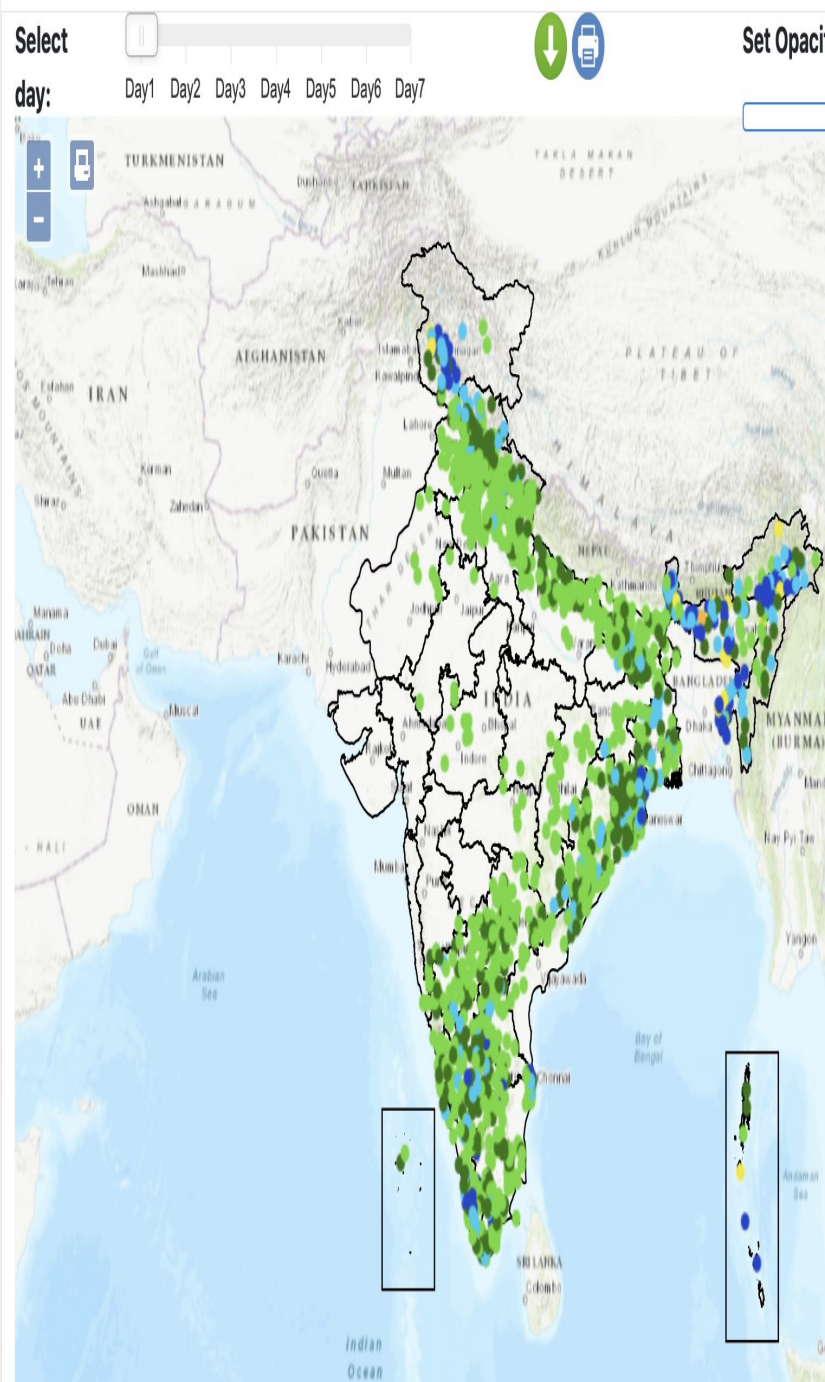
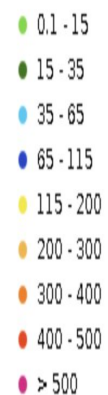
Legend: (Rainfall in mm)

- 0.1 - 15
- 15 - 35
- 35 - 65
- 65 - 115
- 115 - 200
- 200 - 300
- 300 - 400
- 400 - 500
- > 500



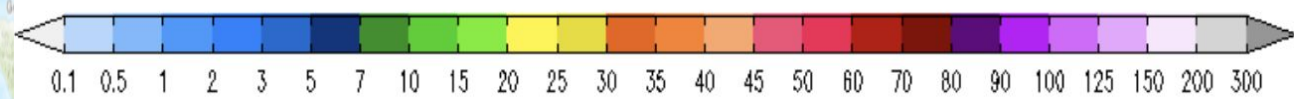
Day 7 (08:30 IST 17/4/2025 - 08:30 IST 24/4/2025)

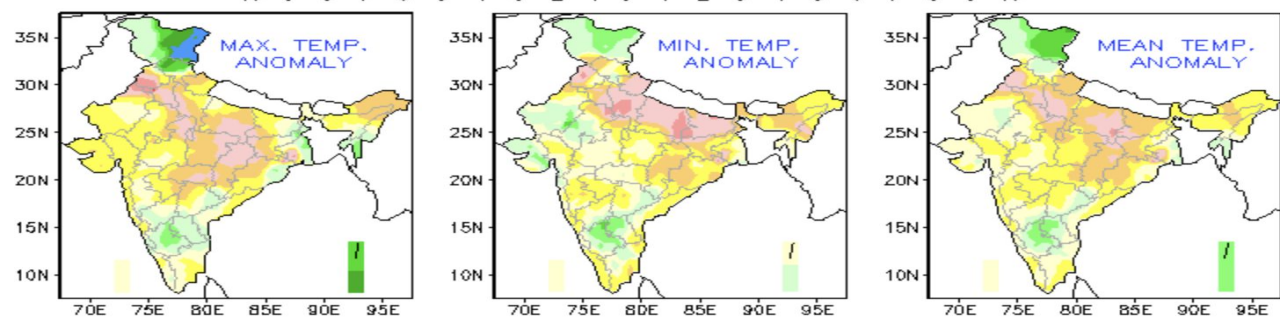
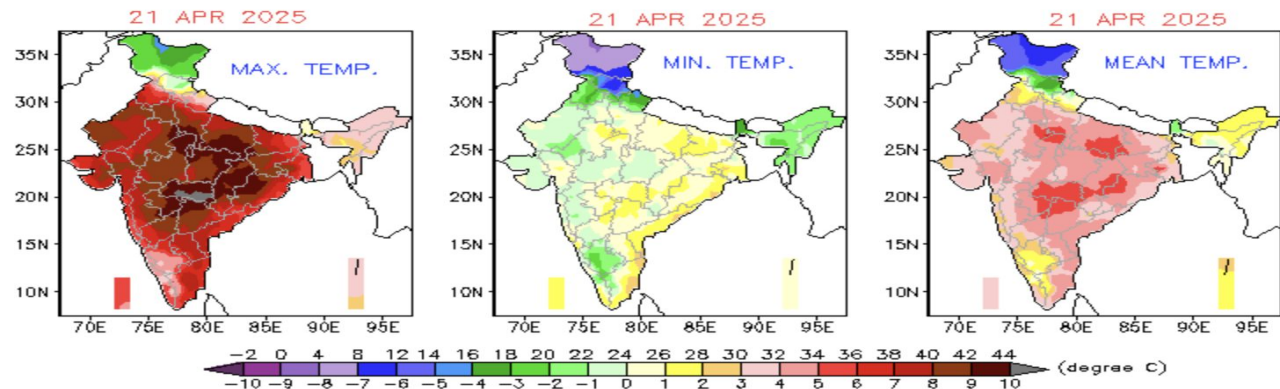
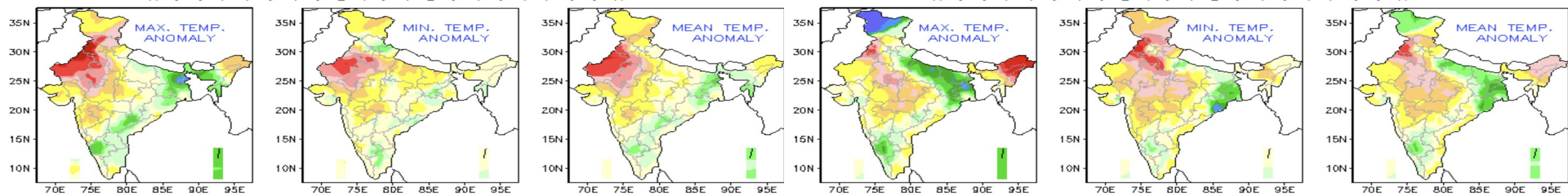
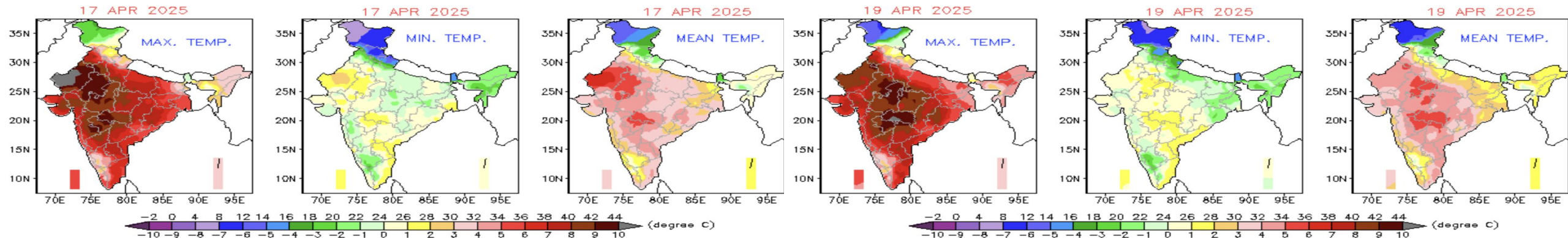
Legend: (Rainfall in mm)



Accumulated Precipitation, 7 days (Satellite) (mm)

Thu 04/24/2025, 05:30am IST

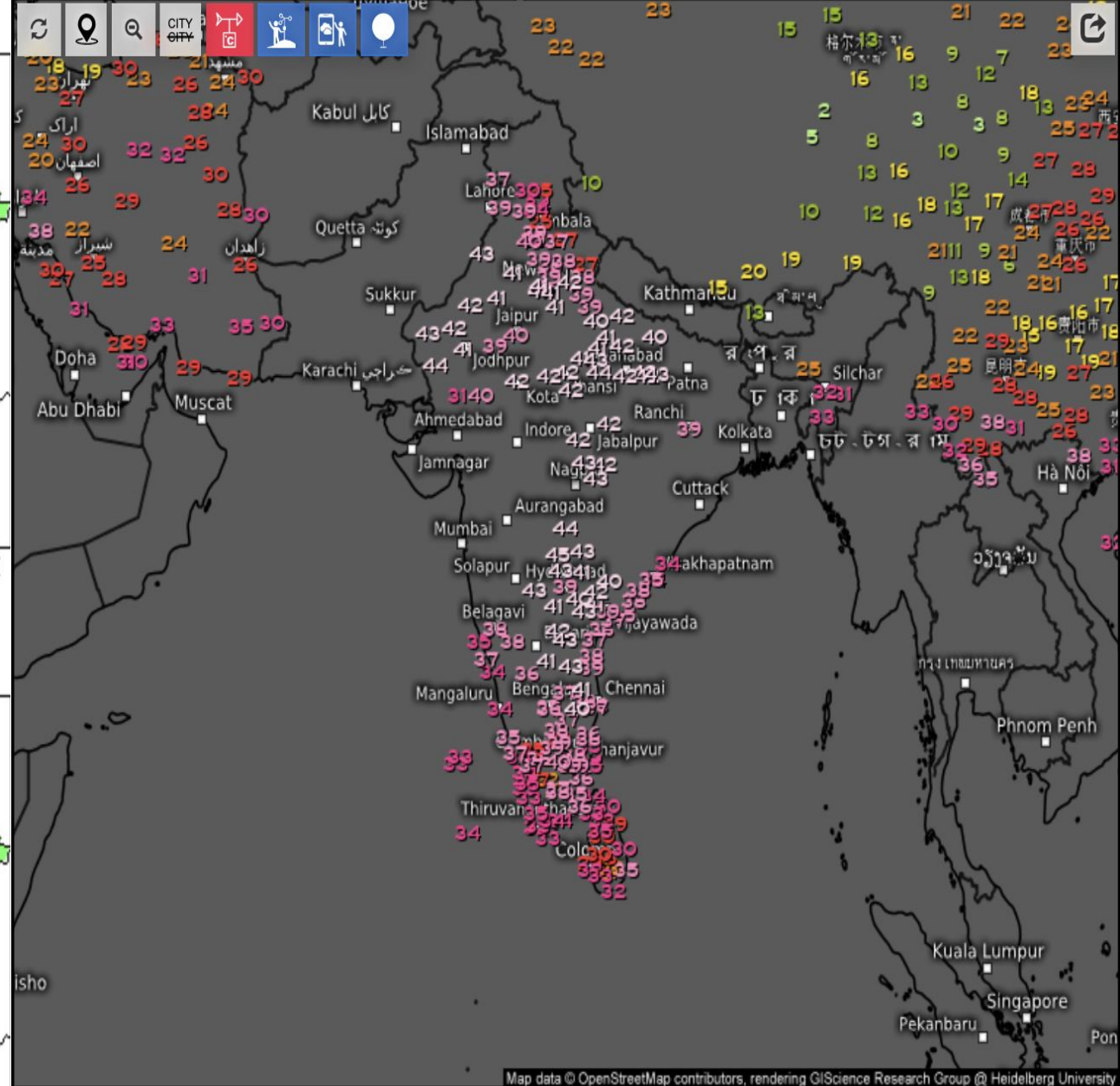
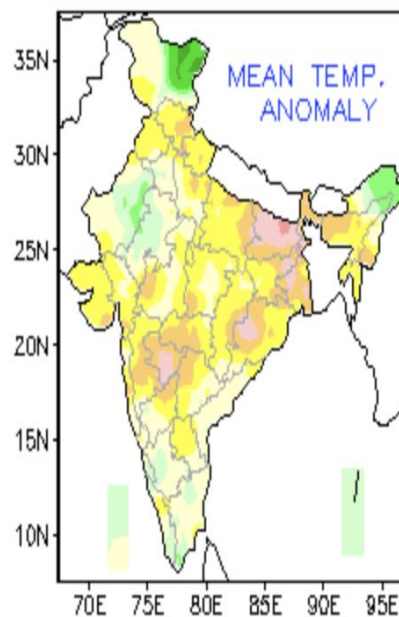
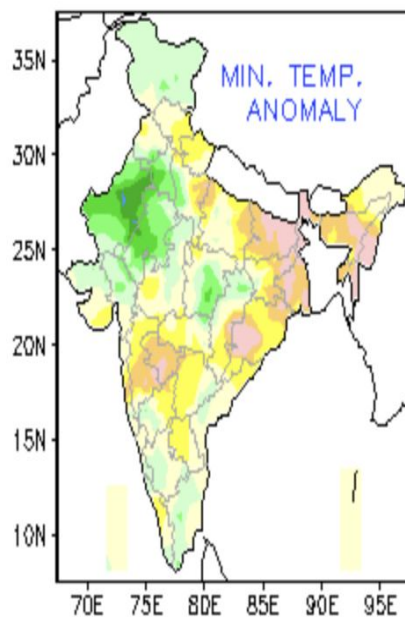
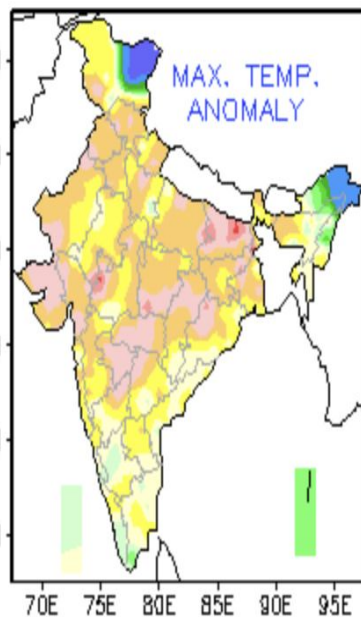
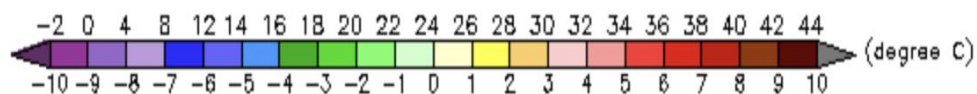
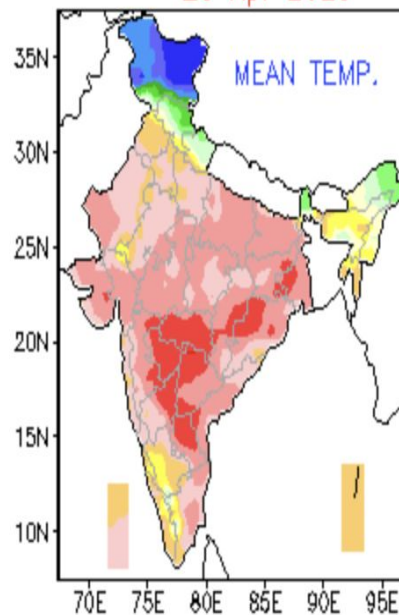
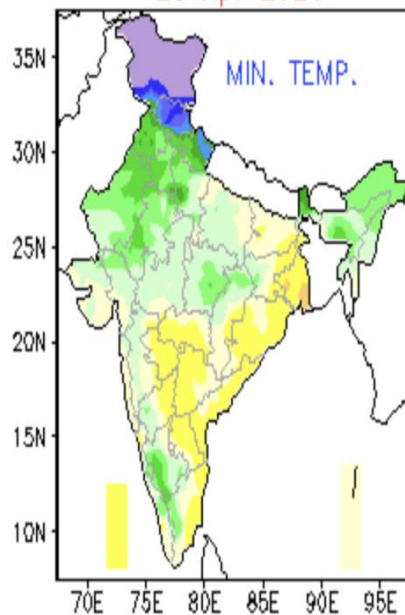
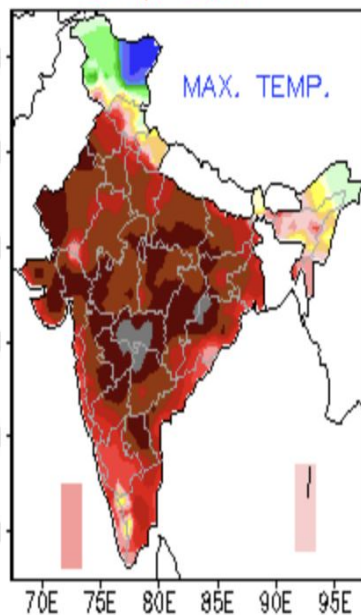




23 Apr 2025

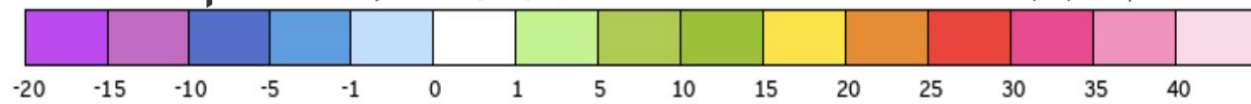
23 Apr 2025

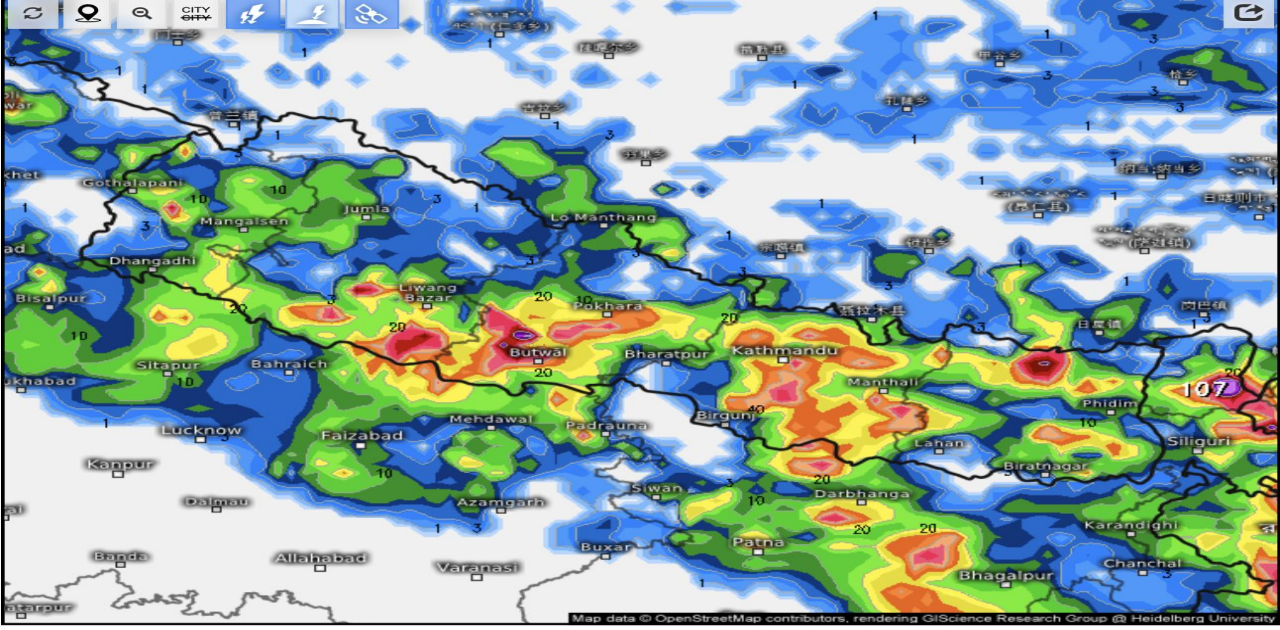
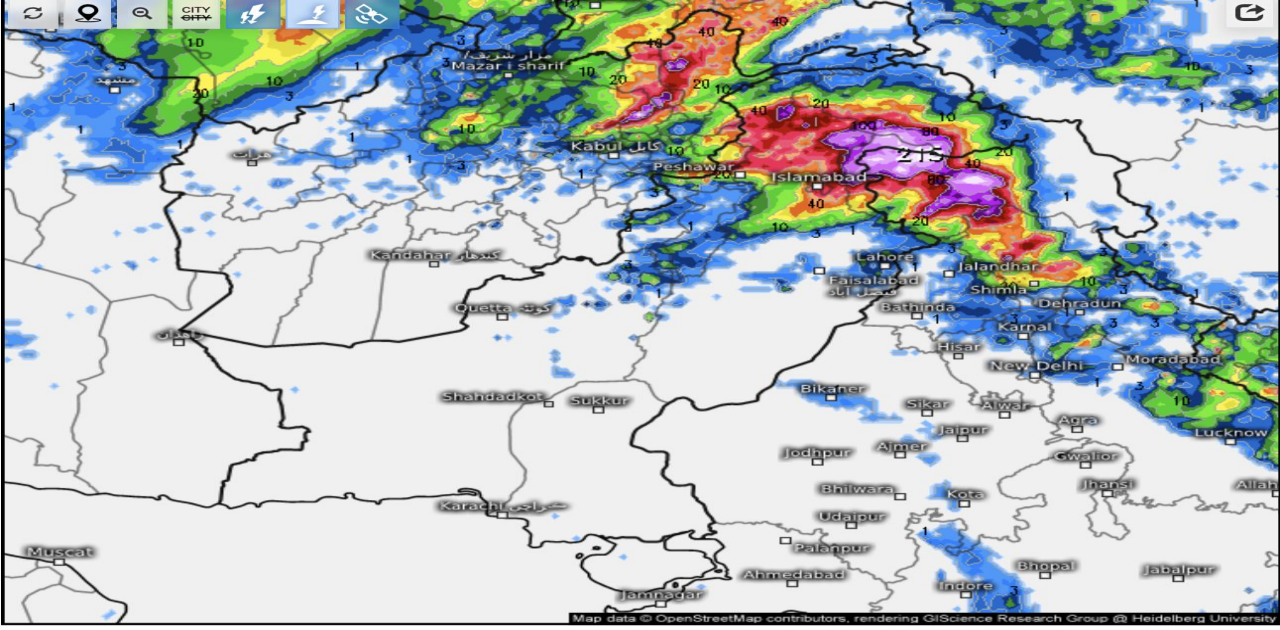
23 Apr 2025



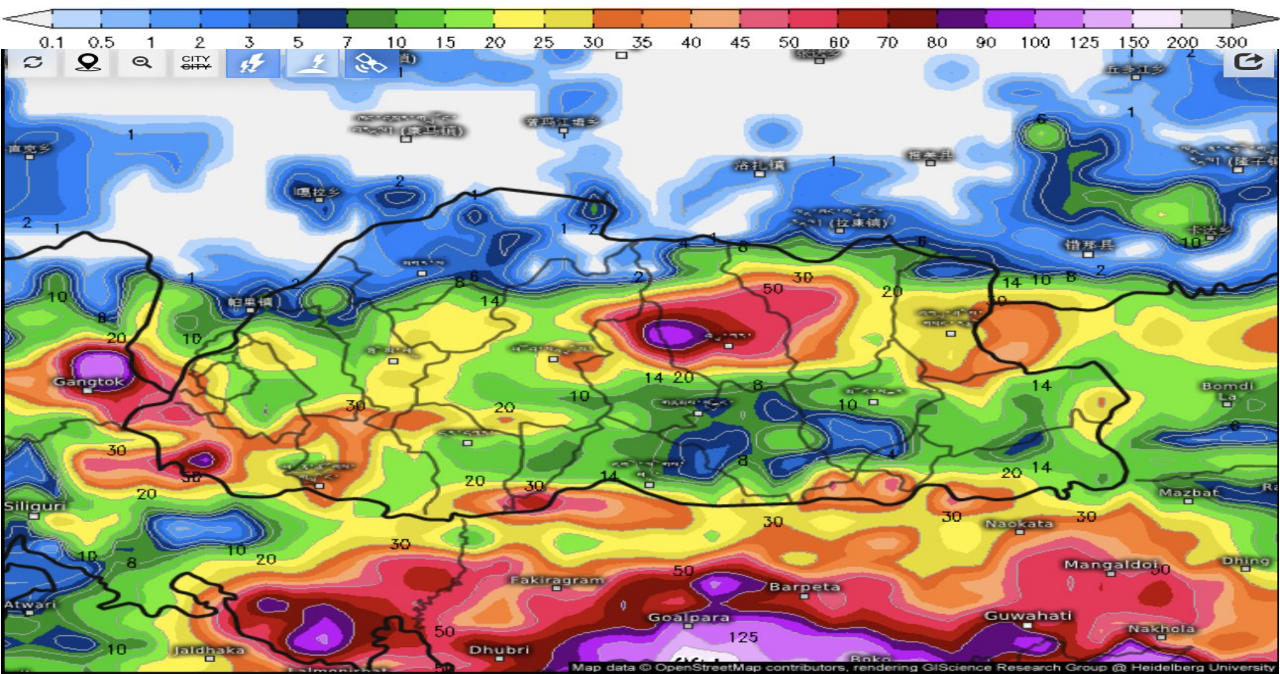
Max. temperature, 12h (°C)

Thu 04/24/2025, 08:30am IST



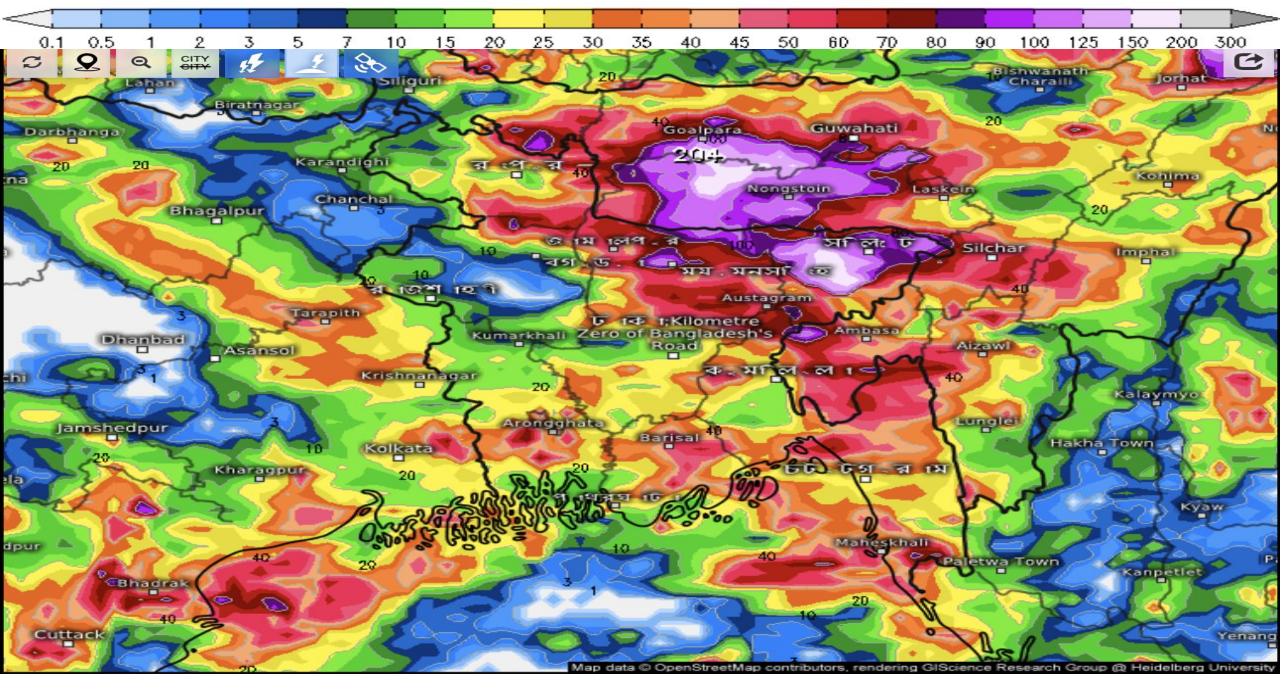


Accumulated Precipitation, 7 days (Satellite) (mm) ⓘ Thu 04/24/2025, 05:30am IST

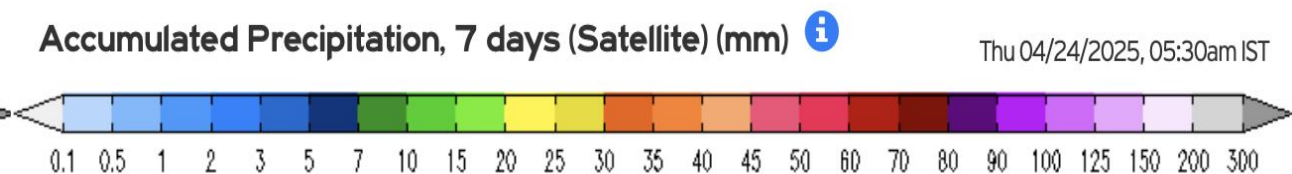
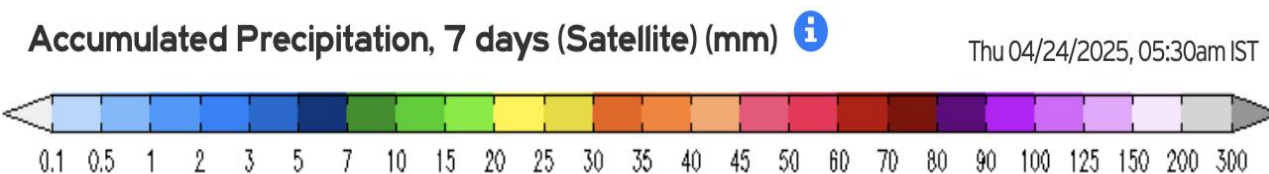
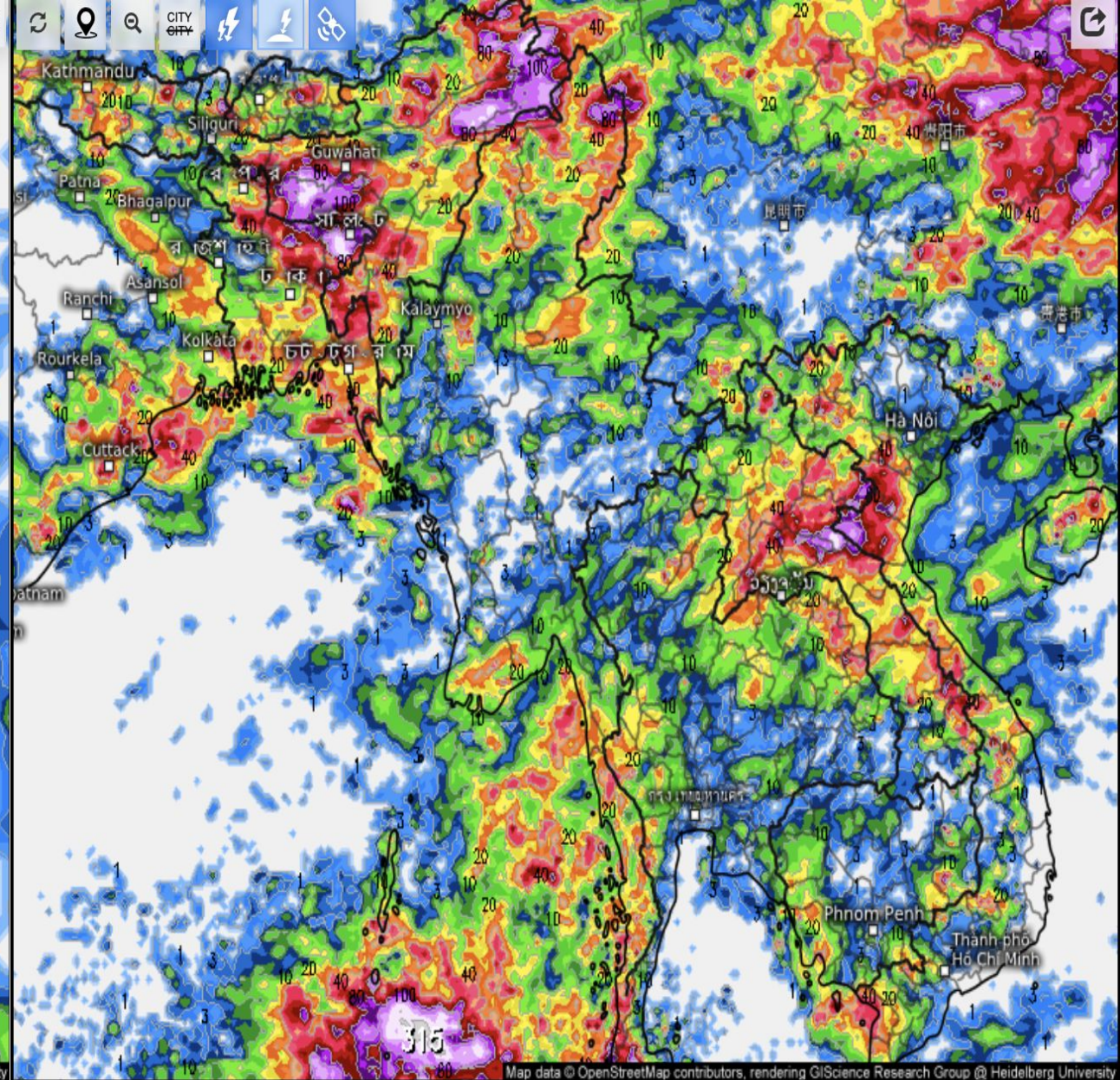
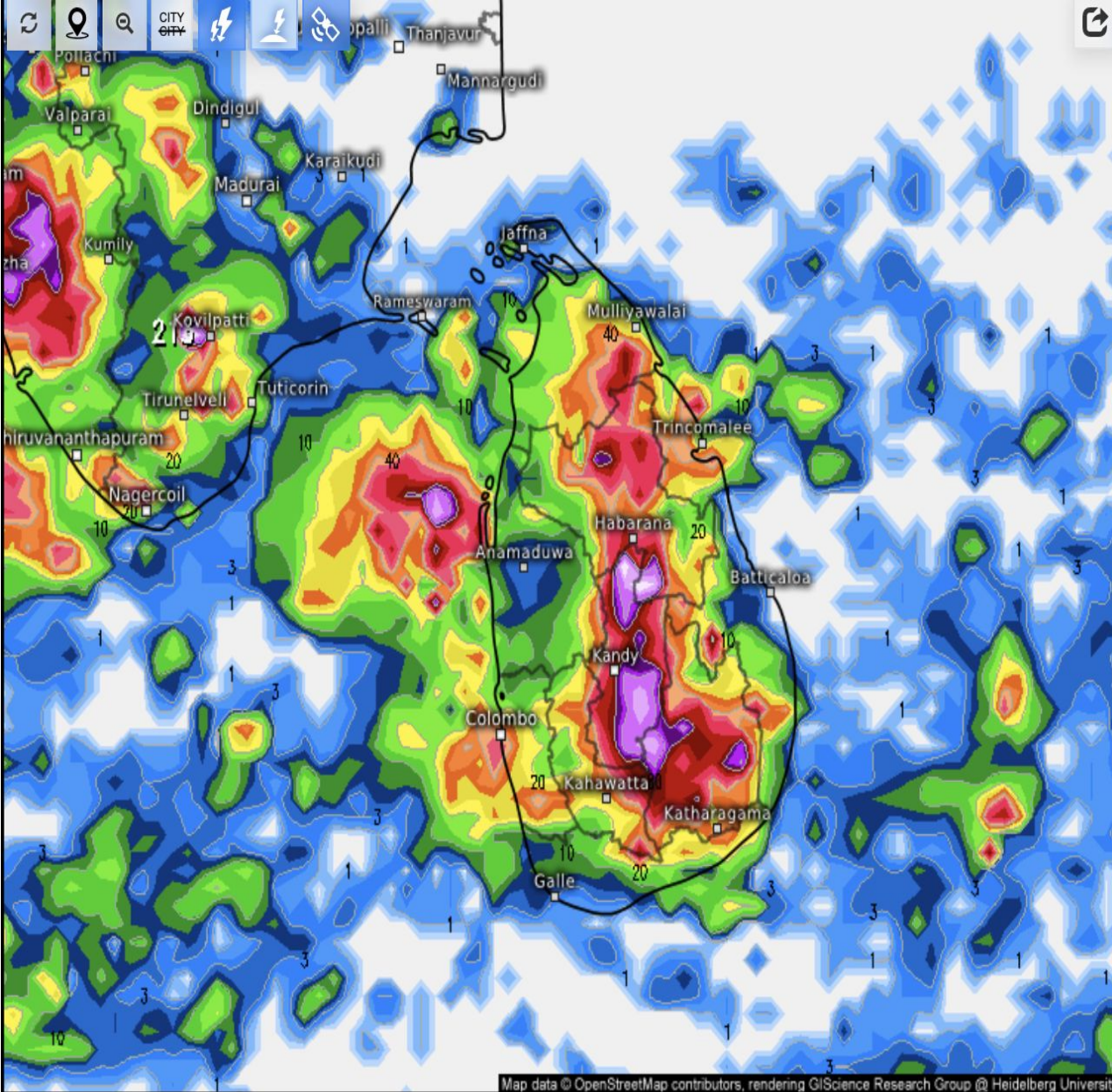


Accumulated Precipitation, 7 days (Satellite) (mm) ⓘ Thu 04/24/2025, 05:30am IST

Accumulated Precipitation, 7 days (Satellite) (mm) ⓘ Thu 04/24/2025, 05:30am IST

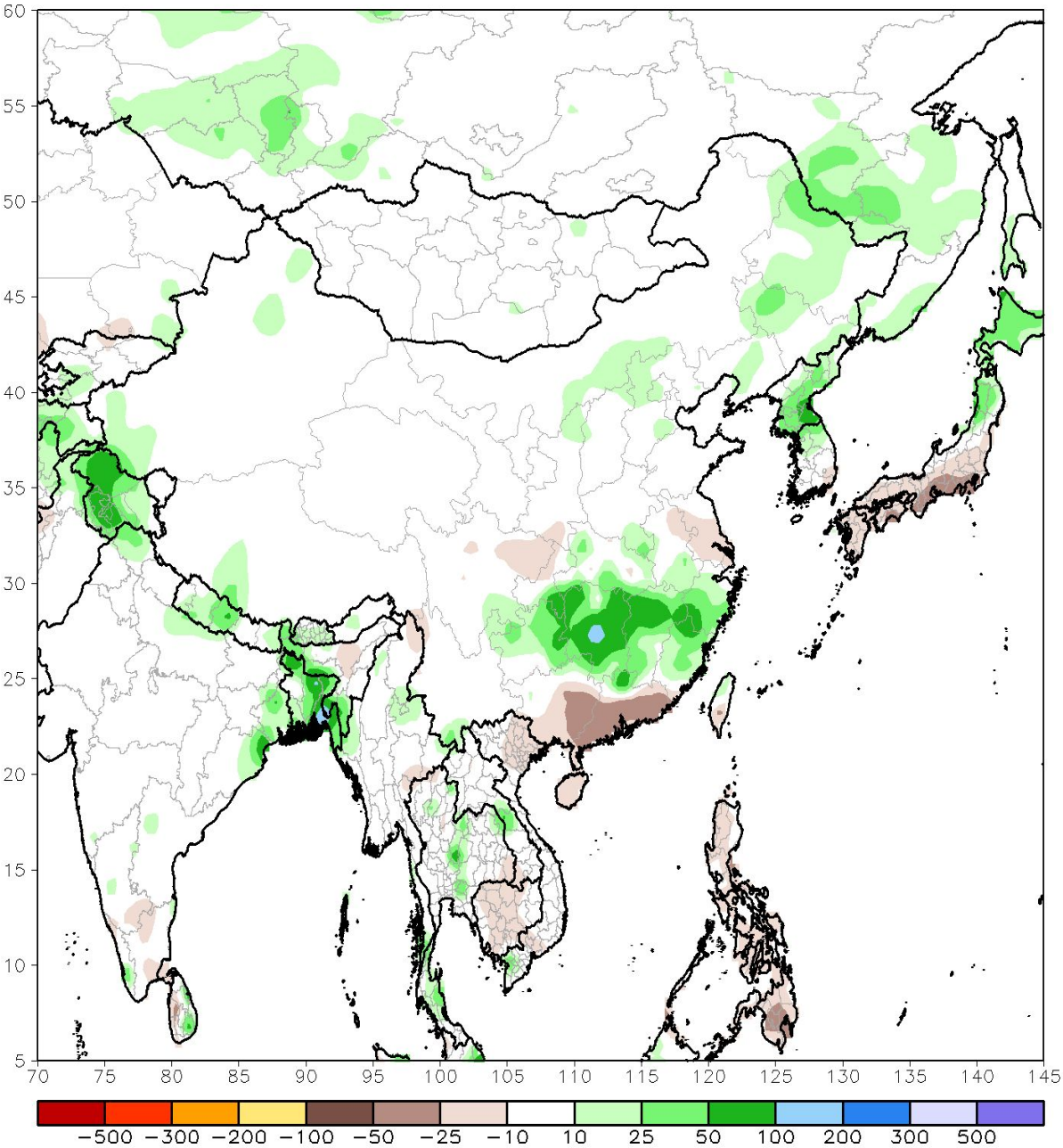


Accumulated Precipitation, 7 days (Satellite) (mm) ⓘ Thu 04/24/2025, 05:30am IST



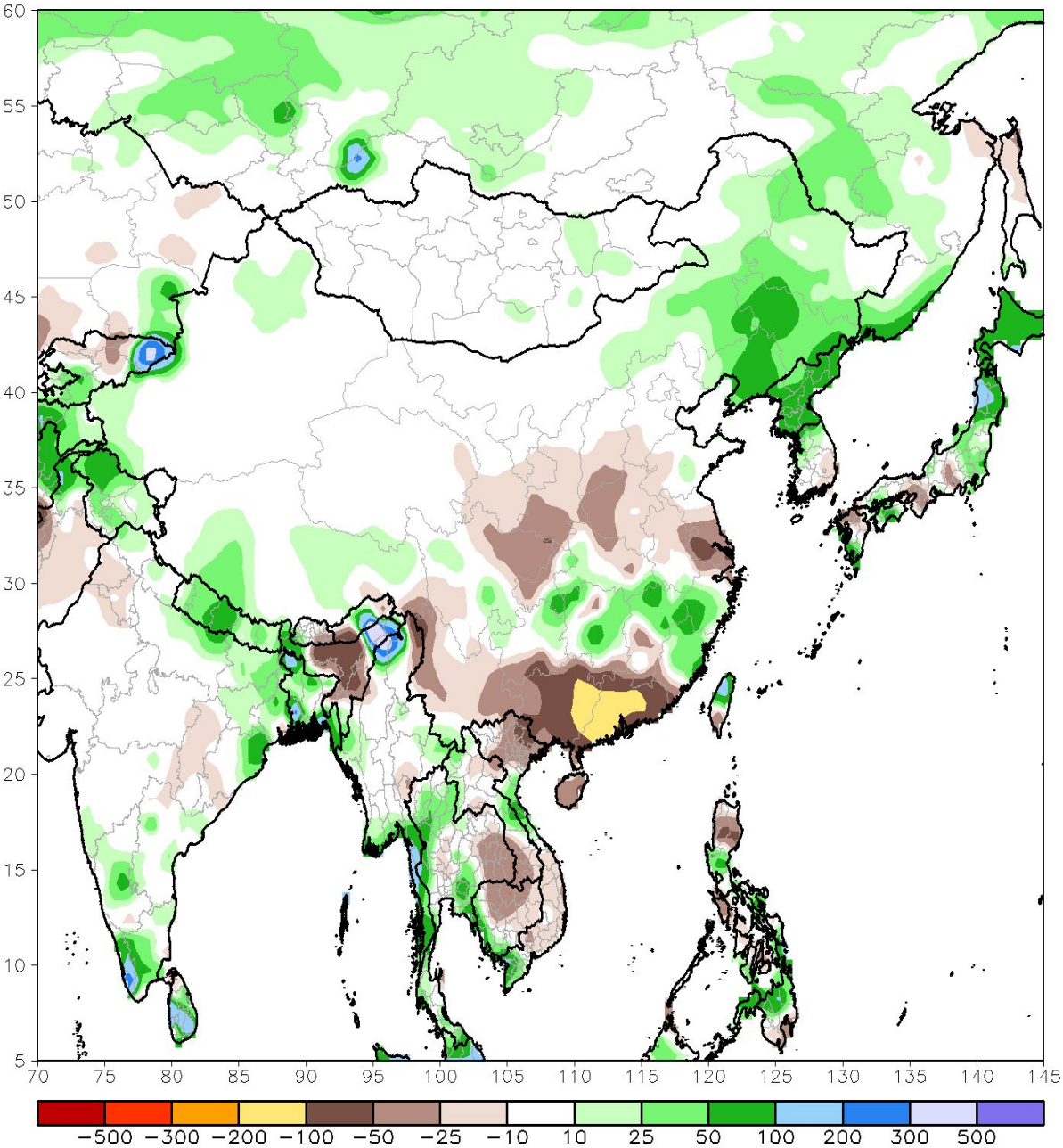
CPC Unified Gauge 7-Day Total Rainfall Anomaly (mm)

Period: 16Apr2025 - 22Apr2025

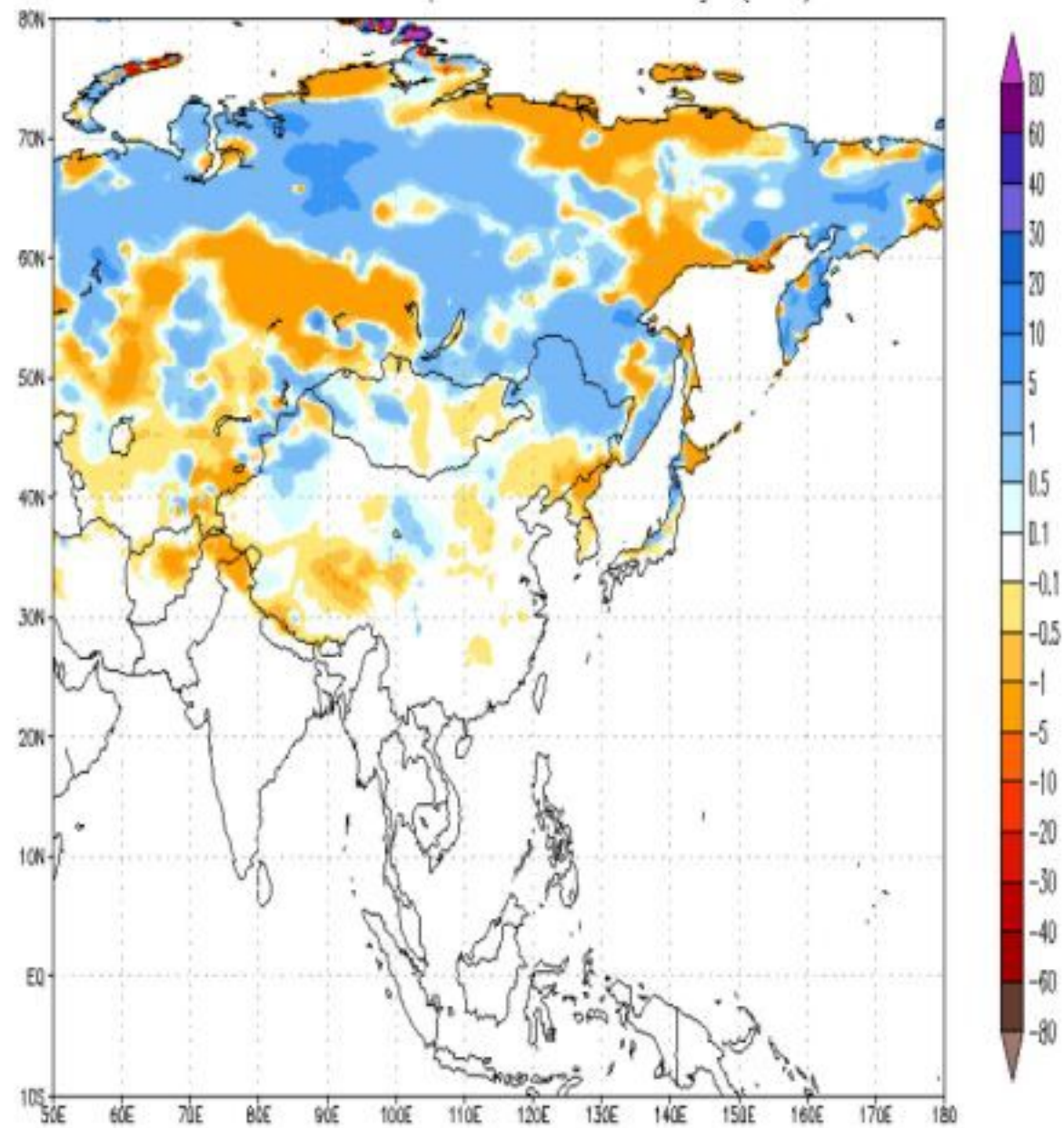


CPC Unified Gauge 30-Day Total Rainfall Anomaly (mm)

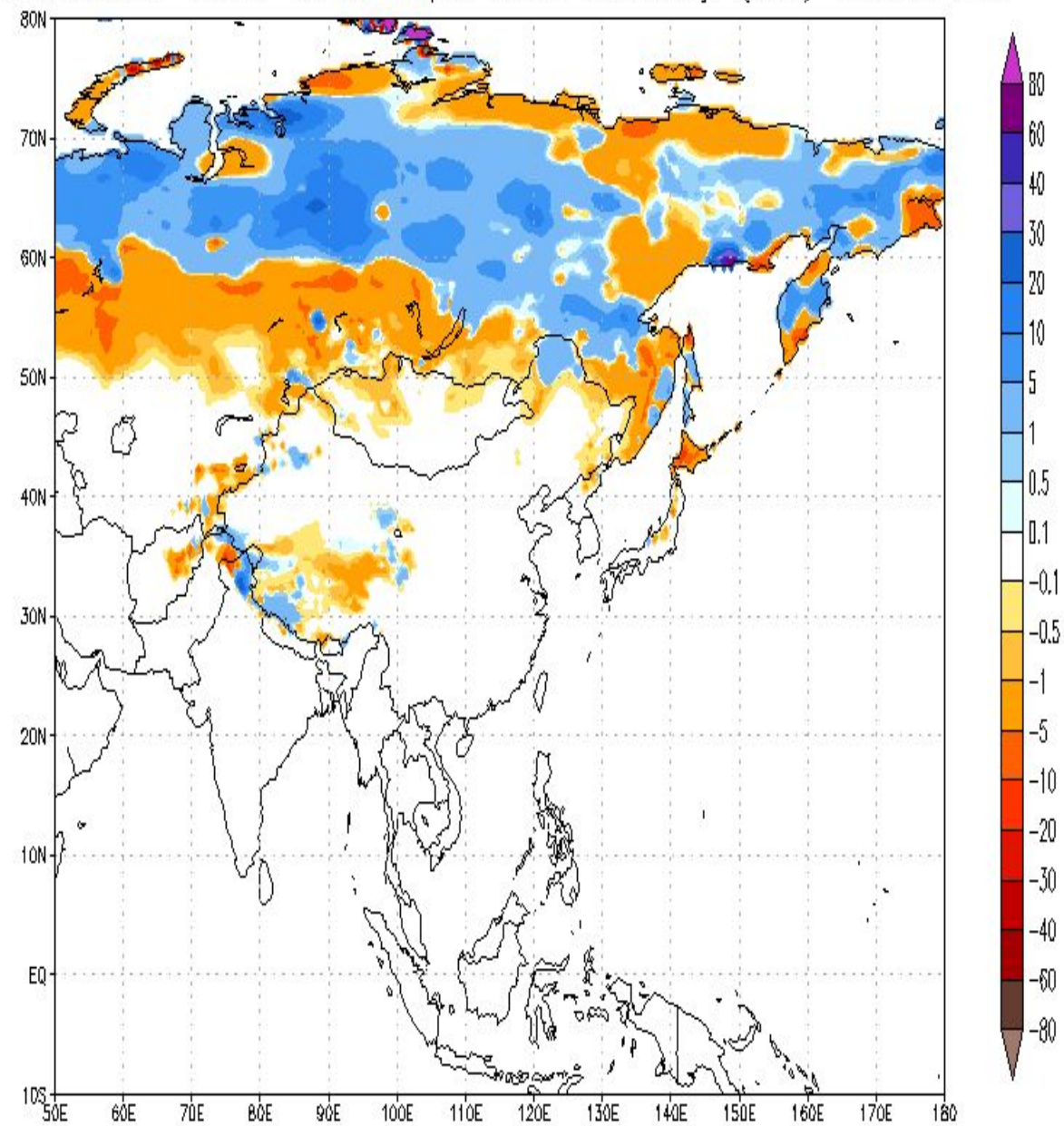
Period: 24Mar2025 - 22Apr2025

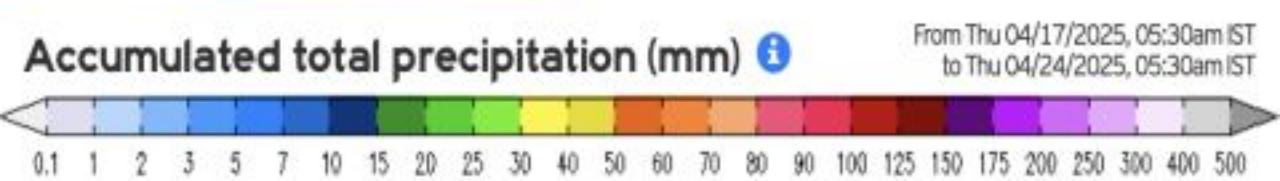
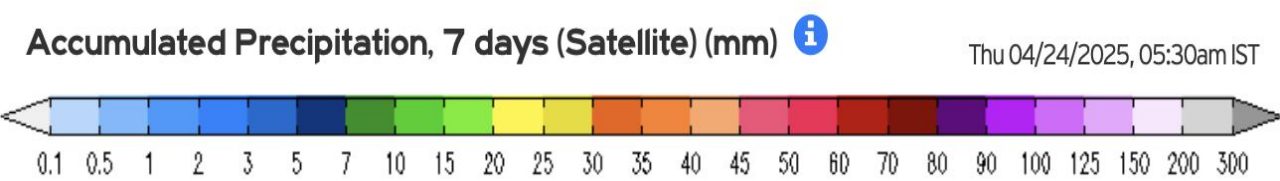
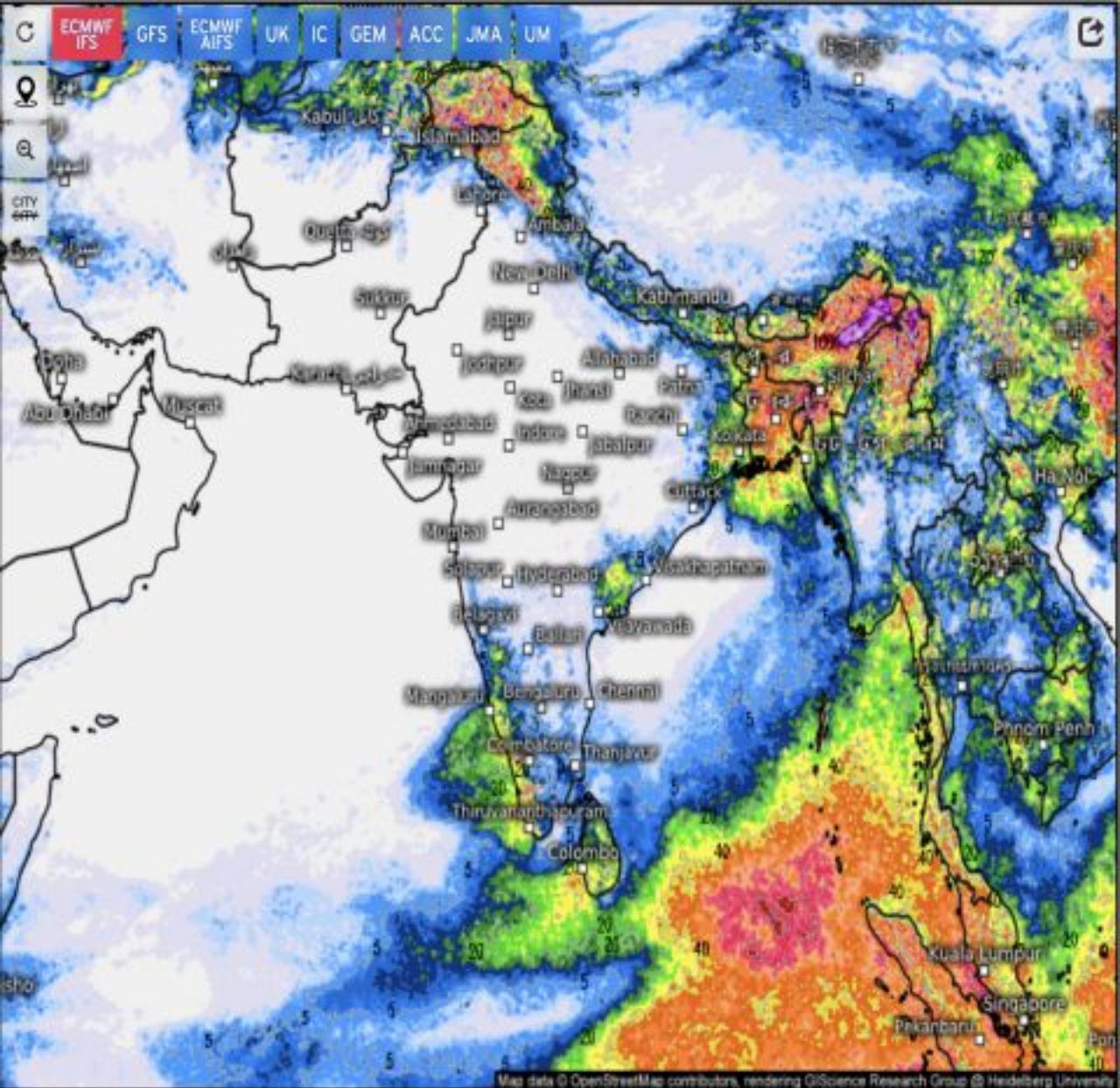
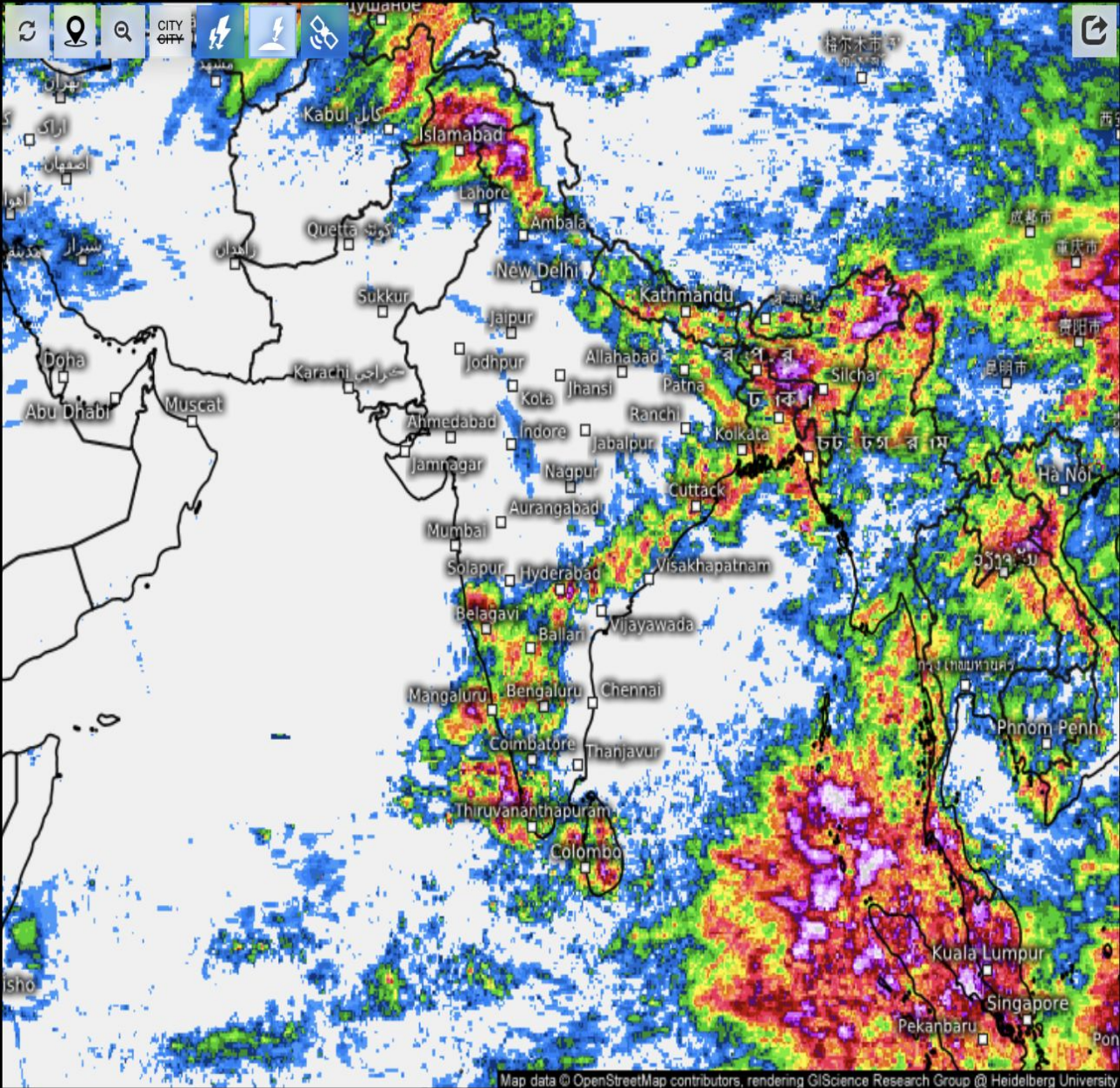


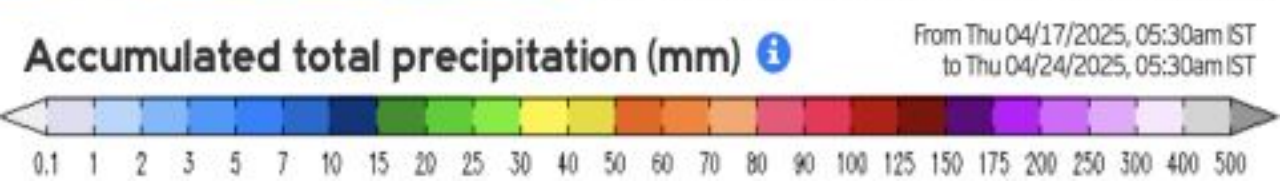
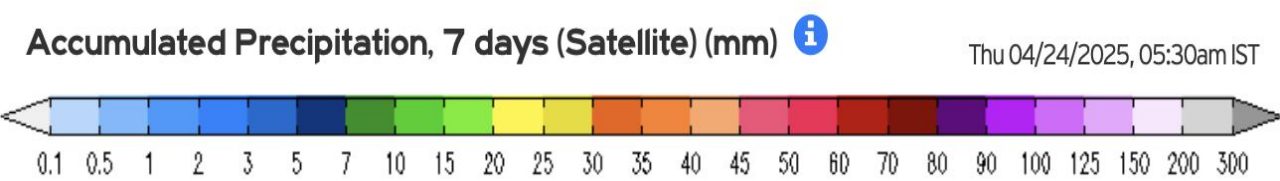
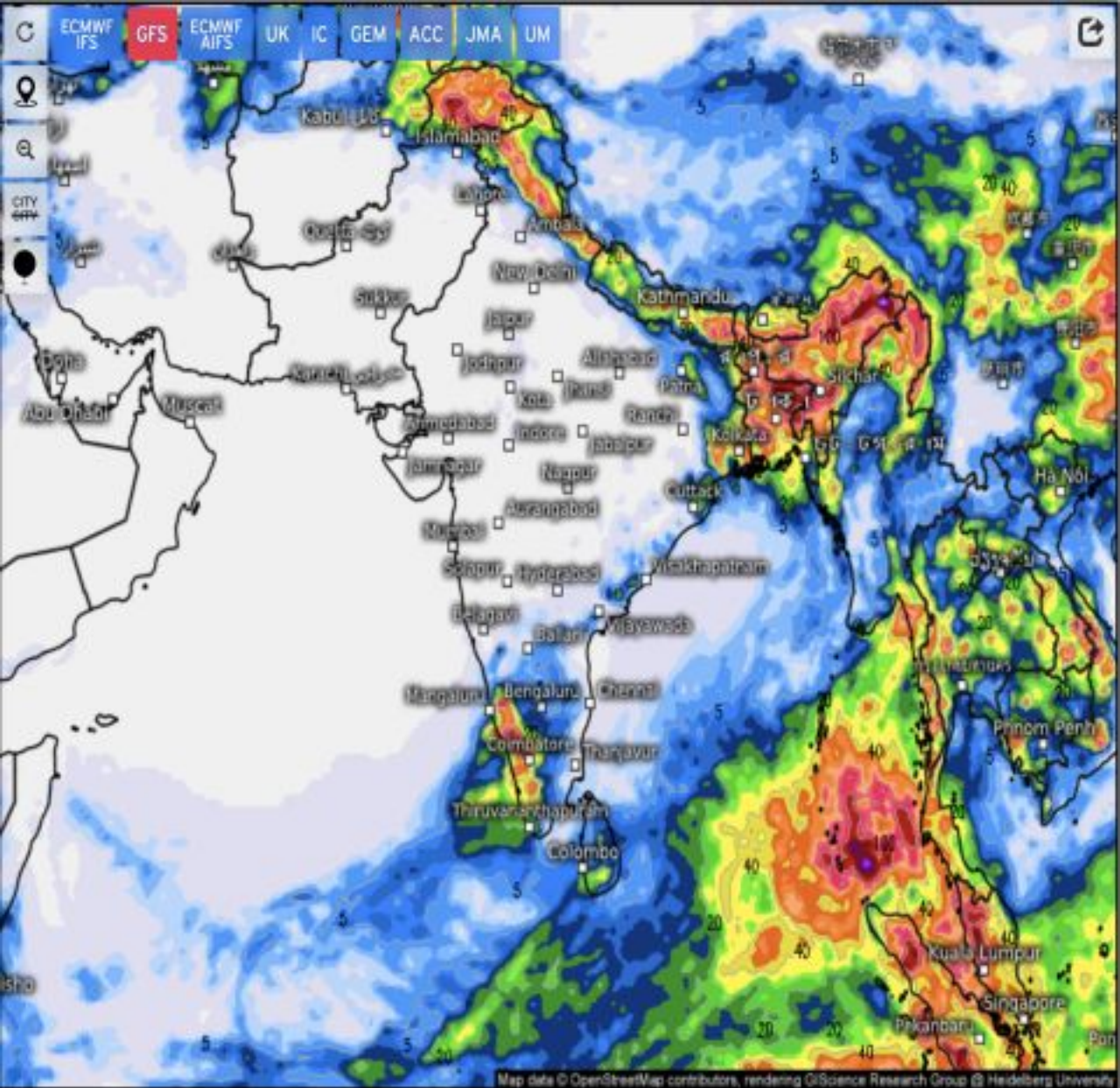
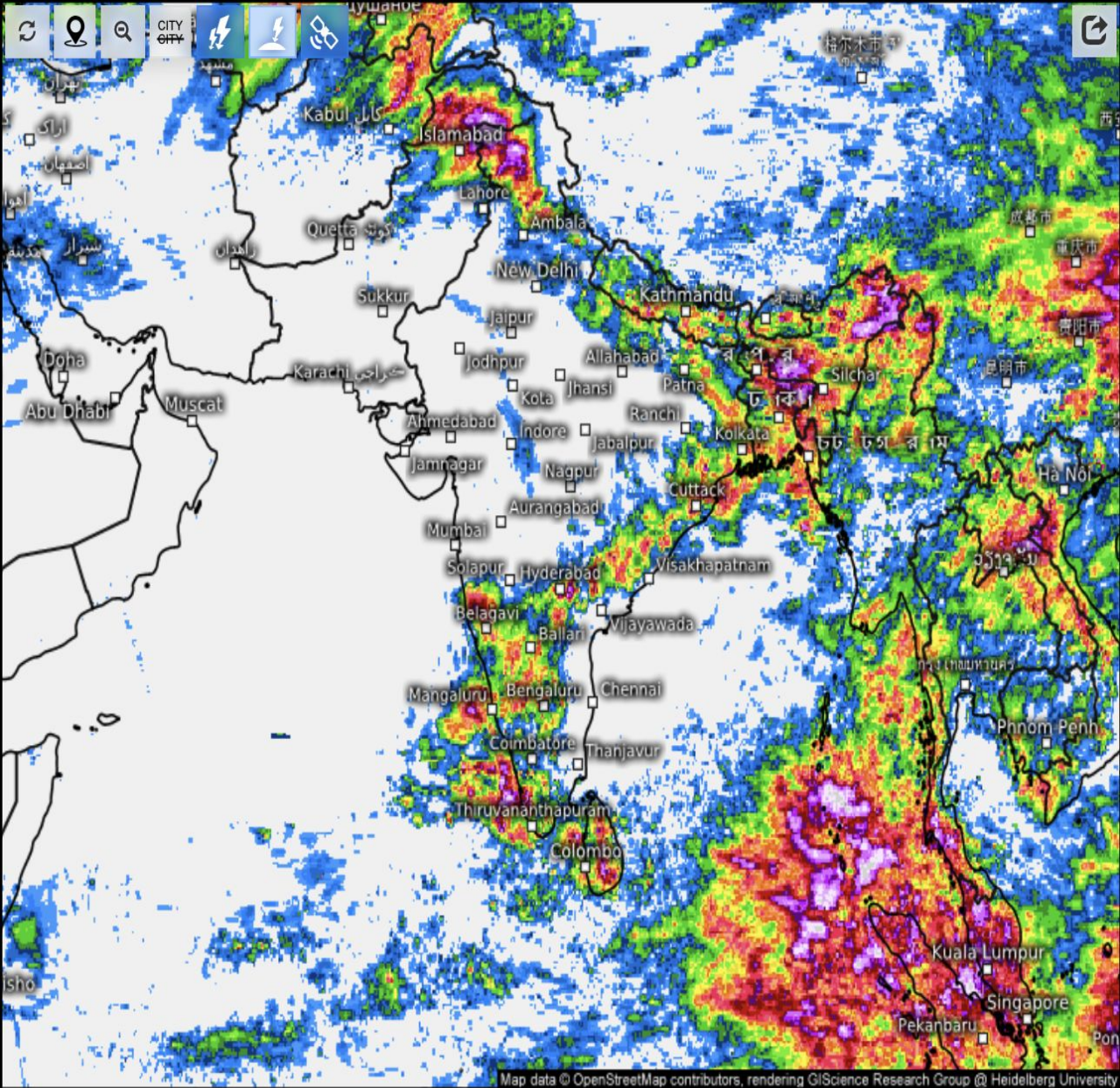
Calculated Snow Water Equivalent Anomaly (cm) 20241224

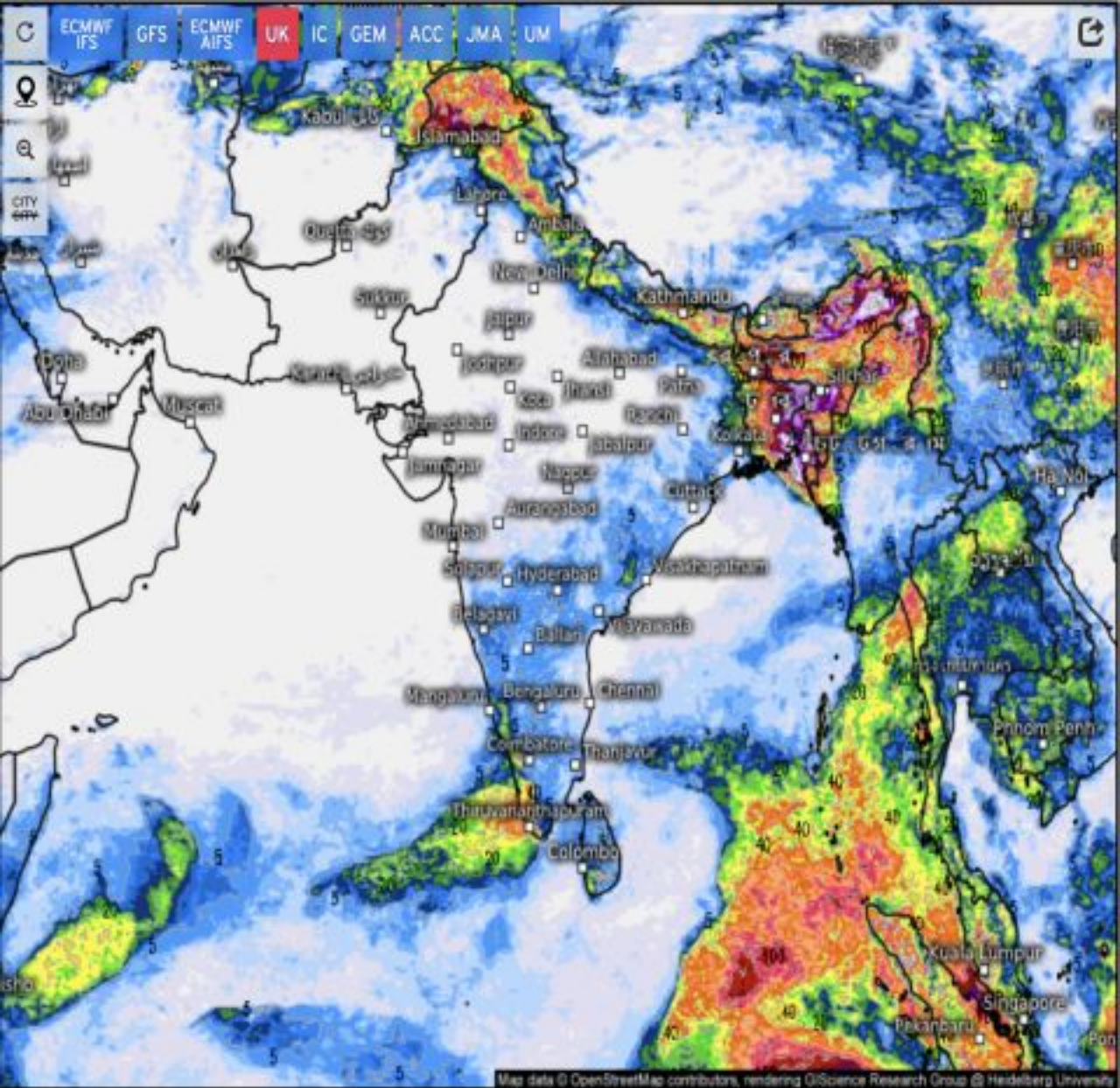
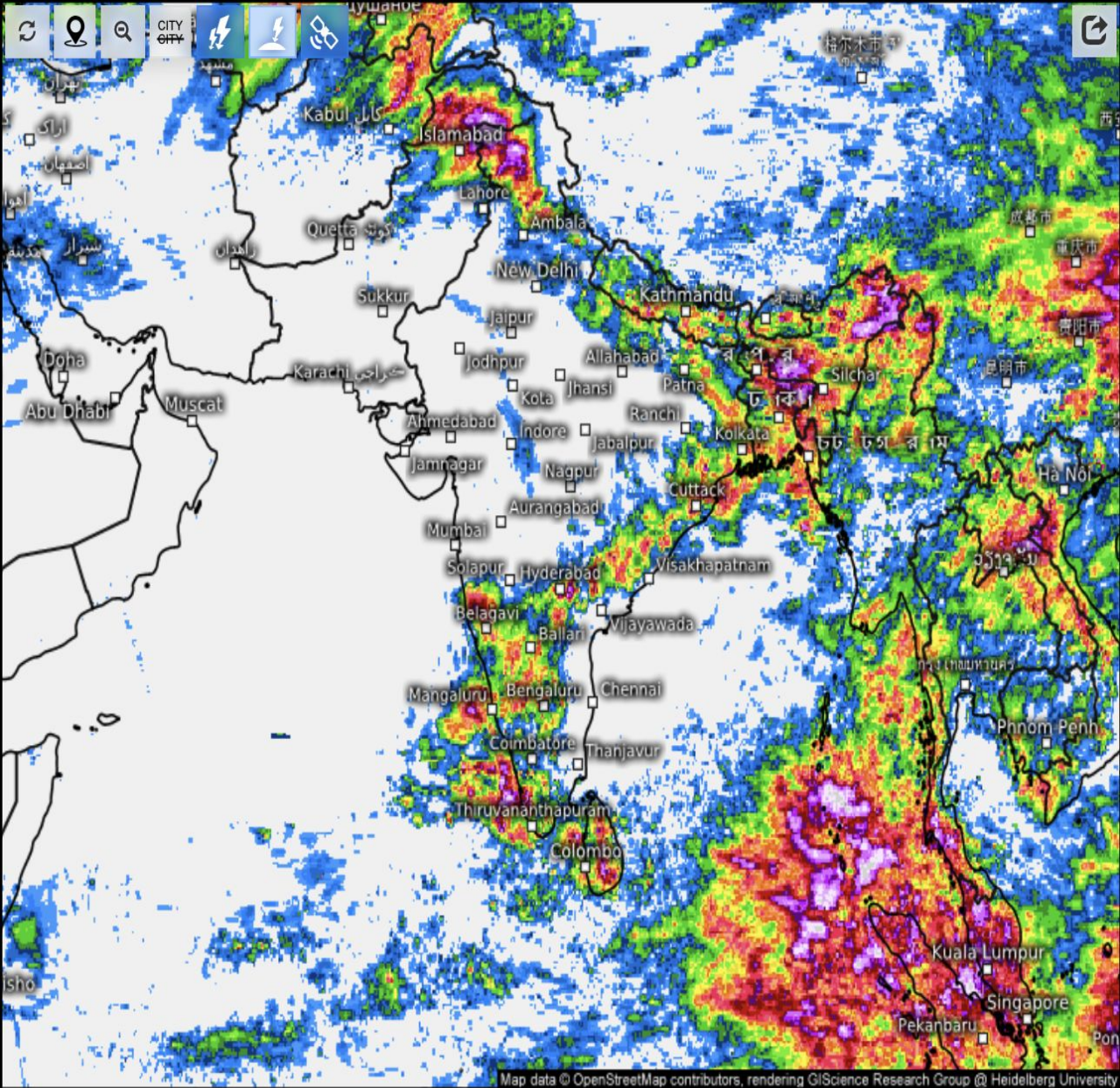


Calculated Snow Water Equivalent Anomaly (cm) 20250422







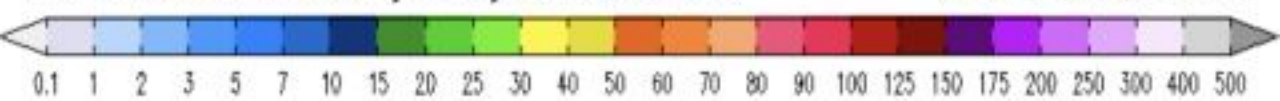
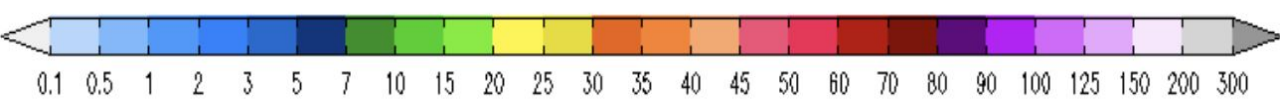


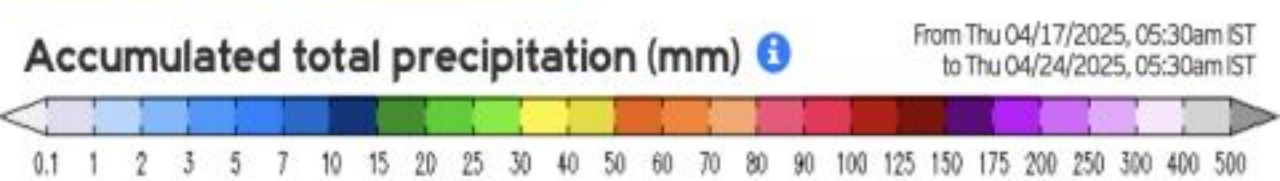
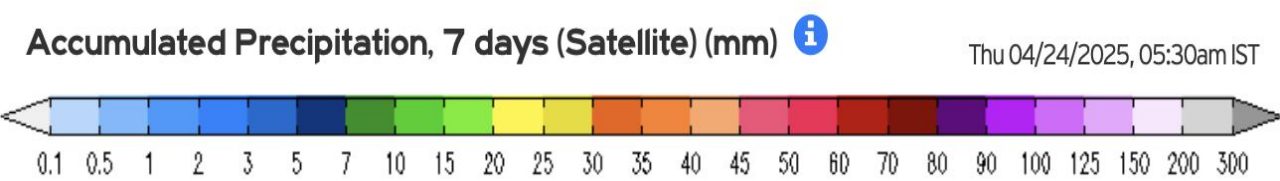
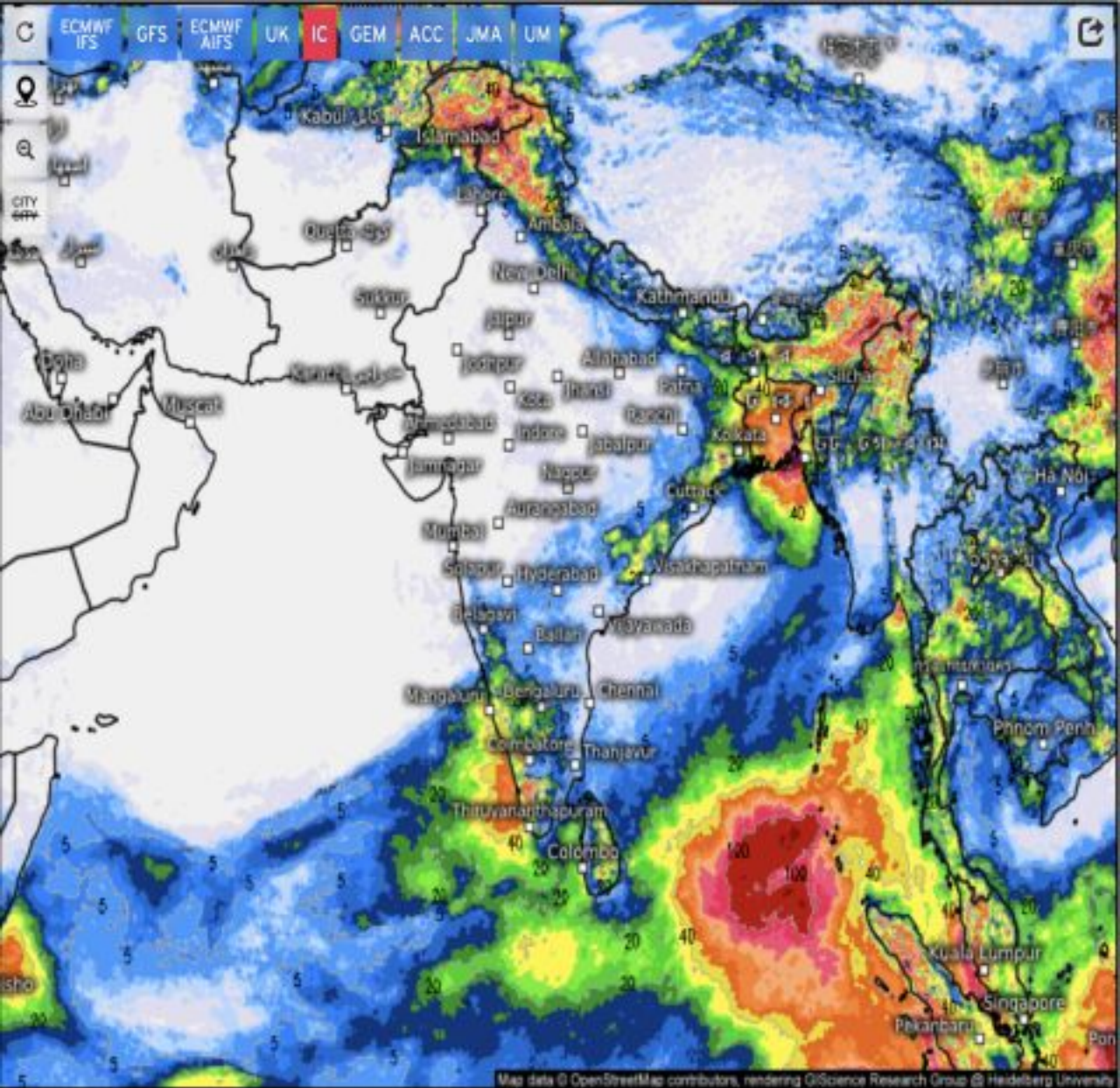
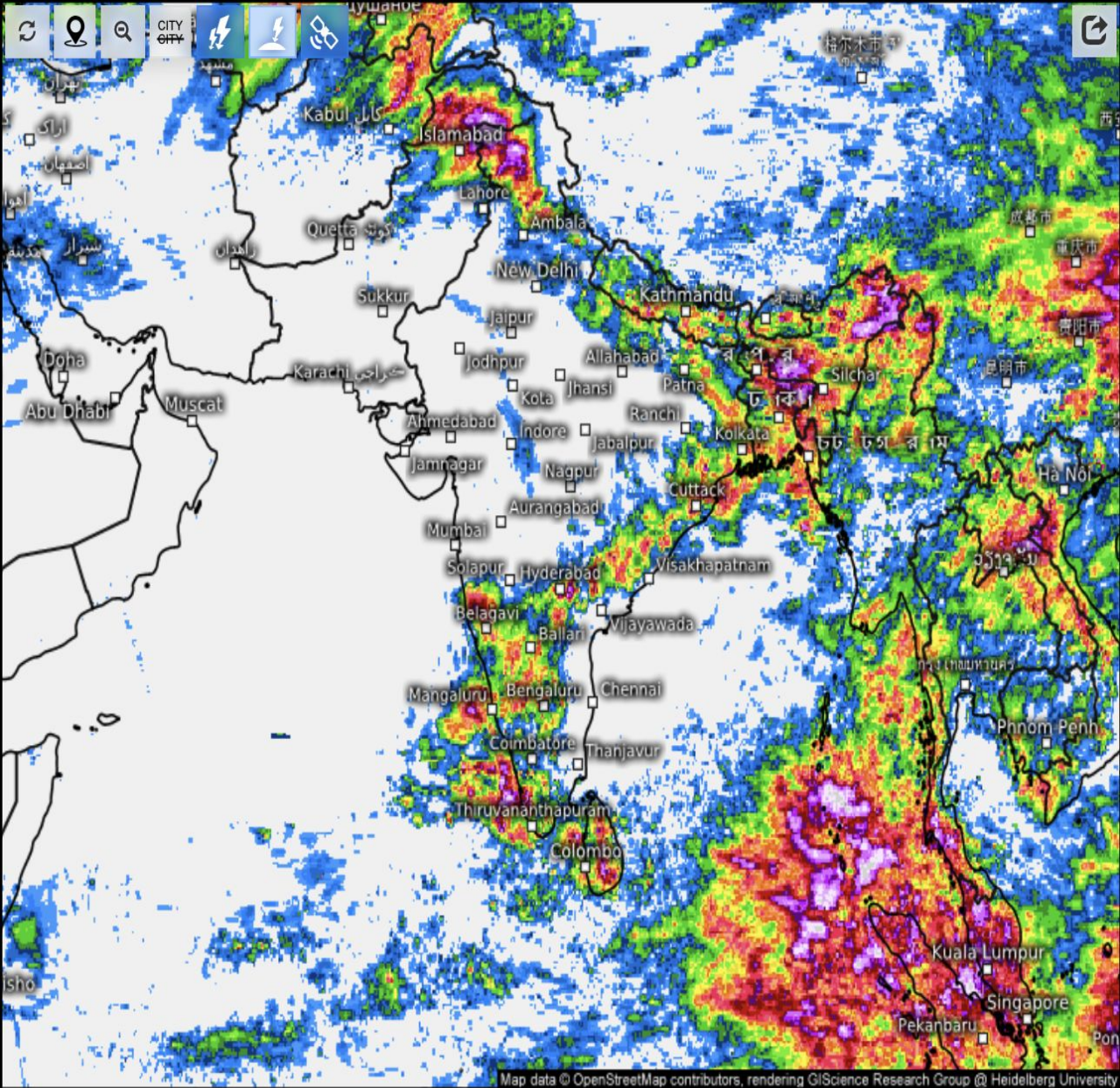
Accumulated Precipitation, 7 days (Satellite) (mm)

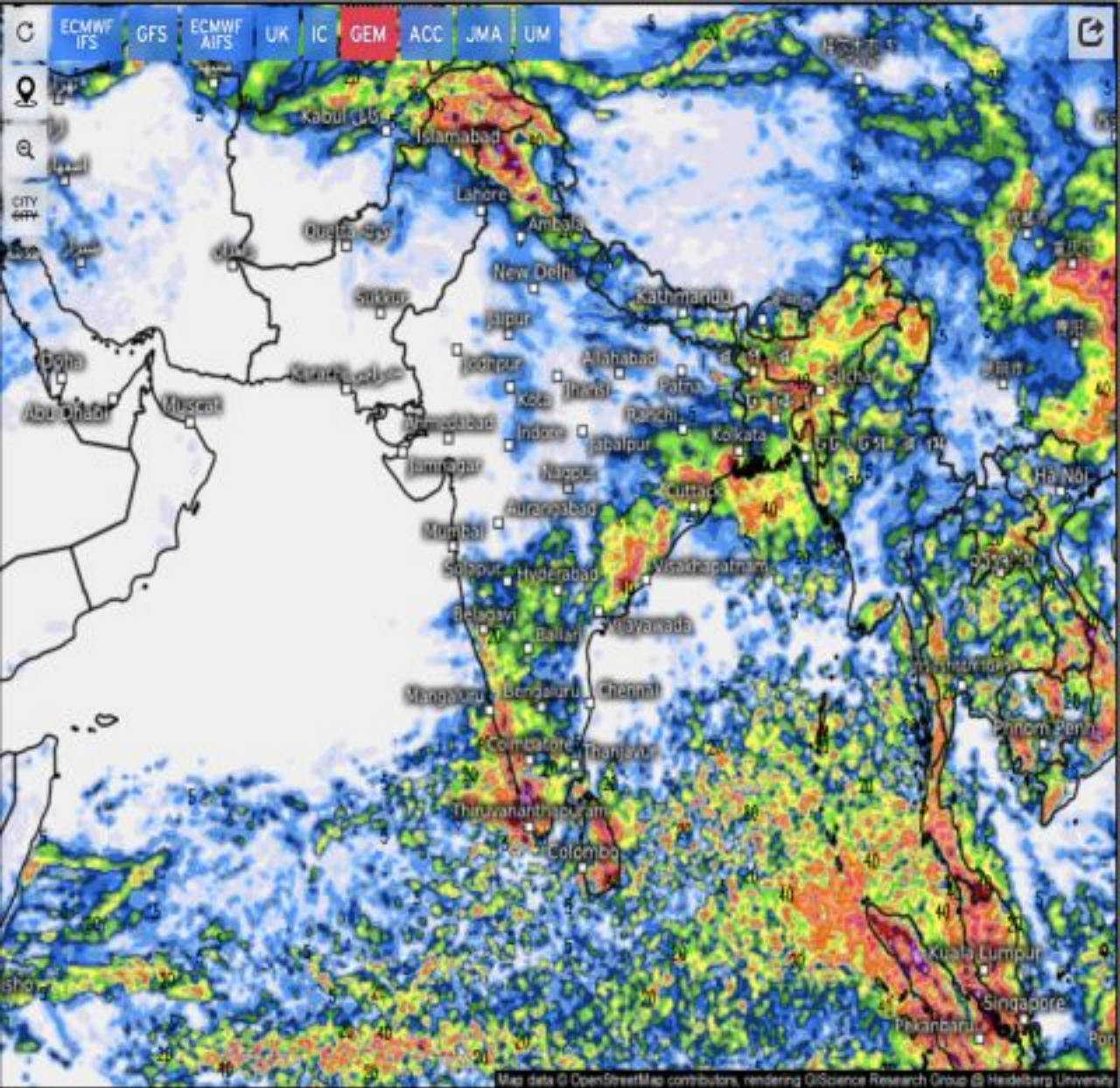
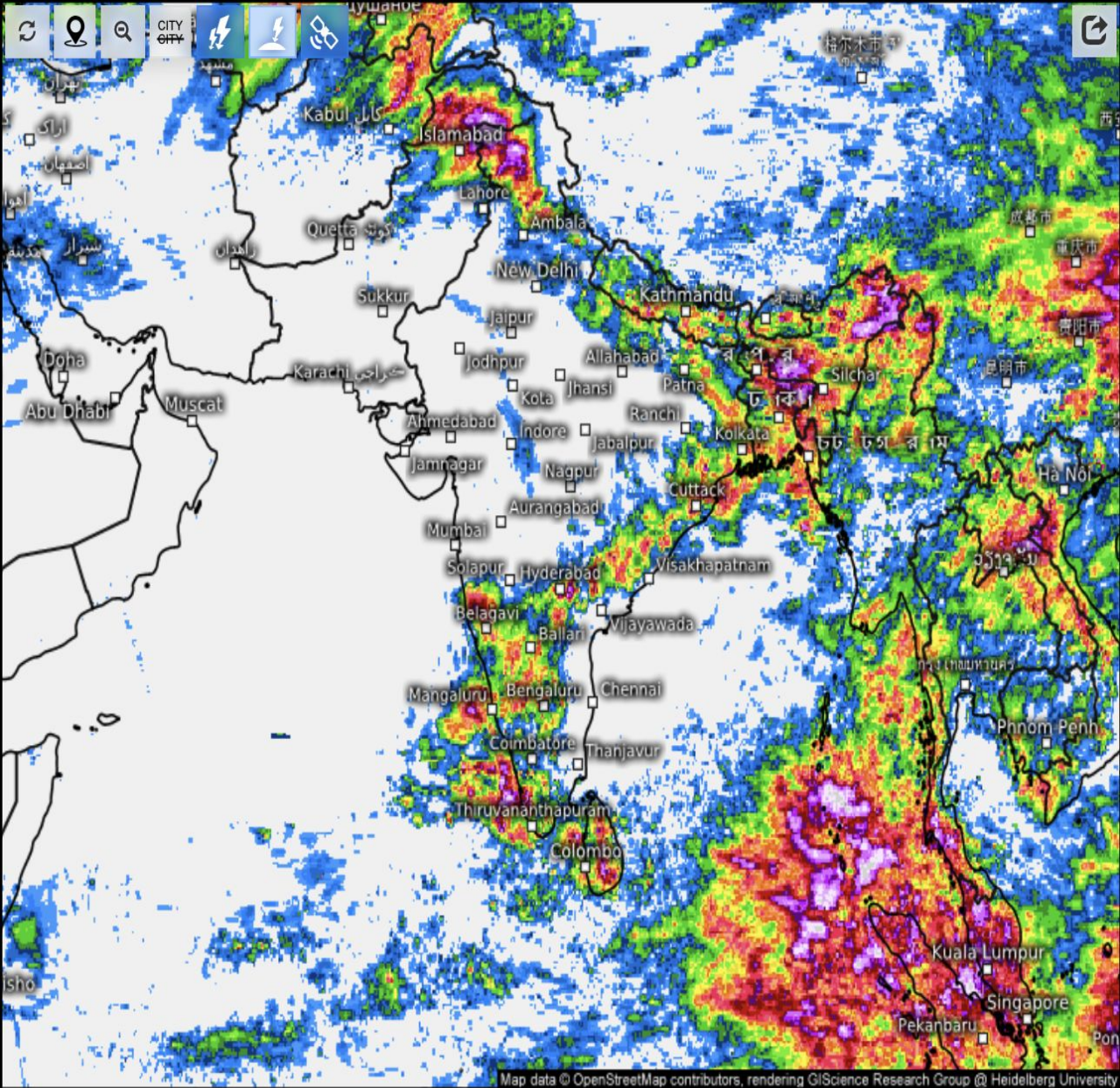
Thu 04/24/2025, 05:30am IST

Accumulated total precipitation (mm)

From Thu 04/17/2025, 05:30am IST
to Thu 04/24/2025, 05:30am IST

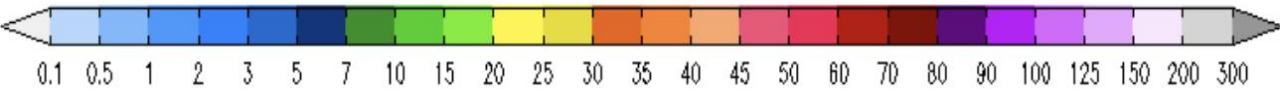






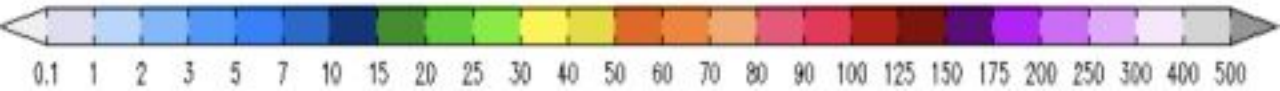
Accumulated Precipitation, 7 days (Satellite) (mm) ⓘ

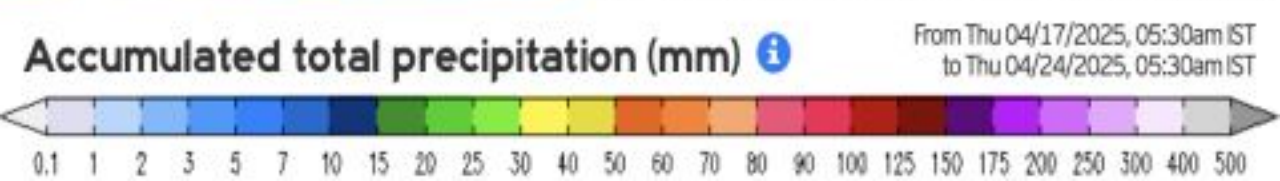
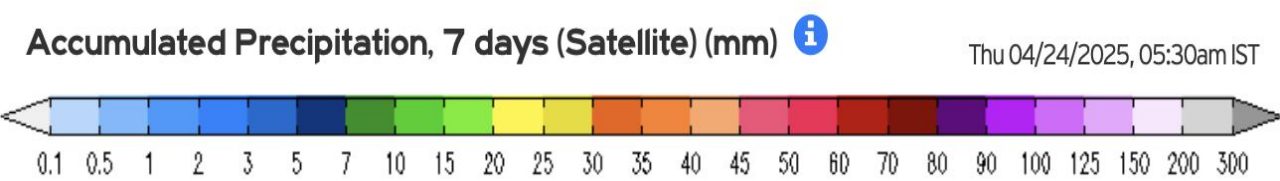
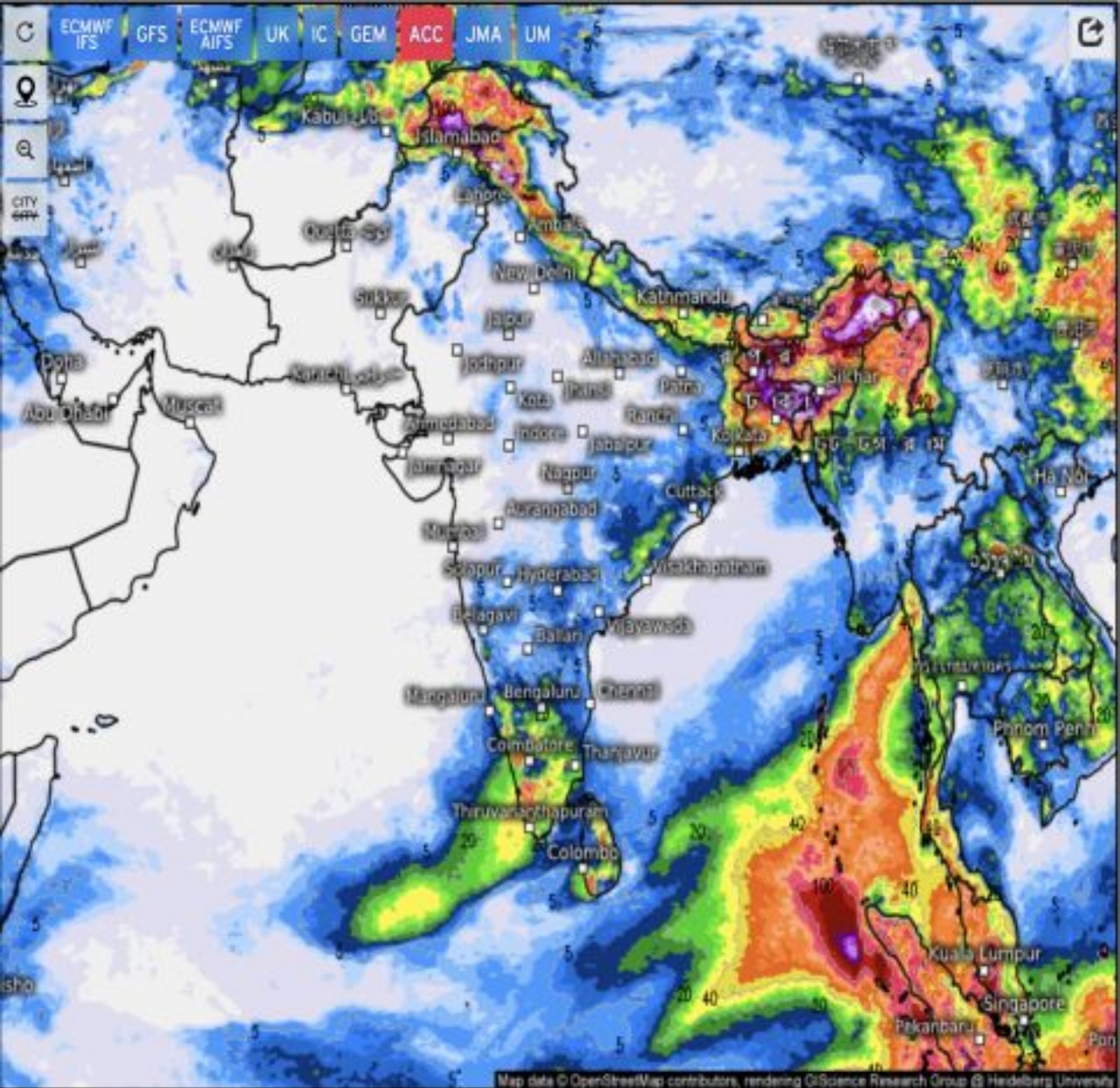
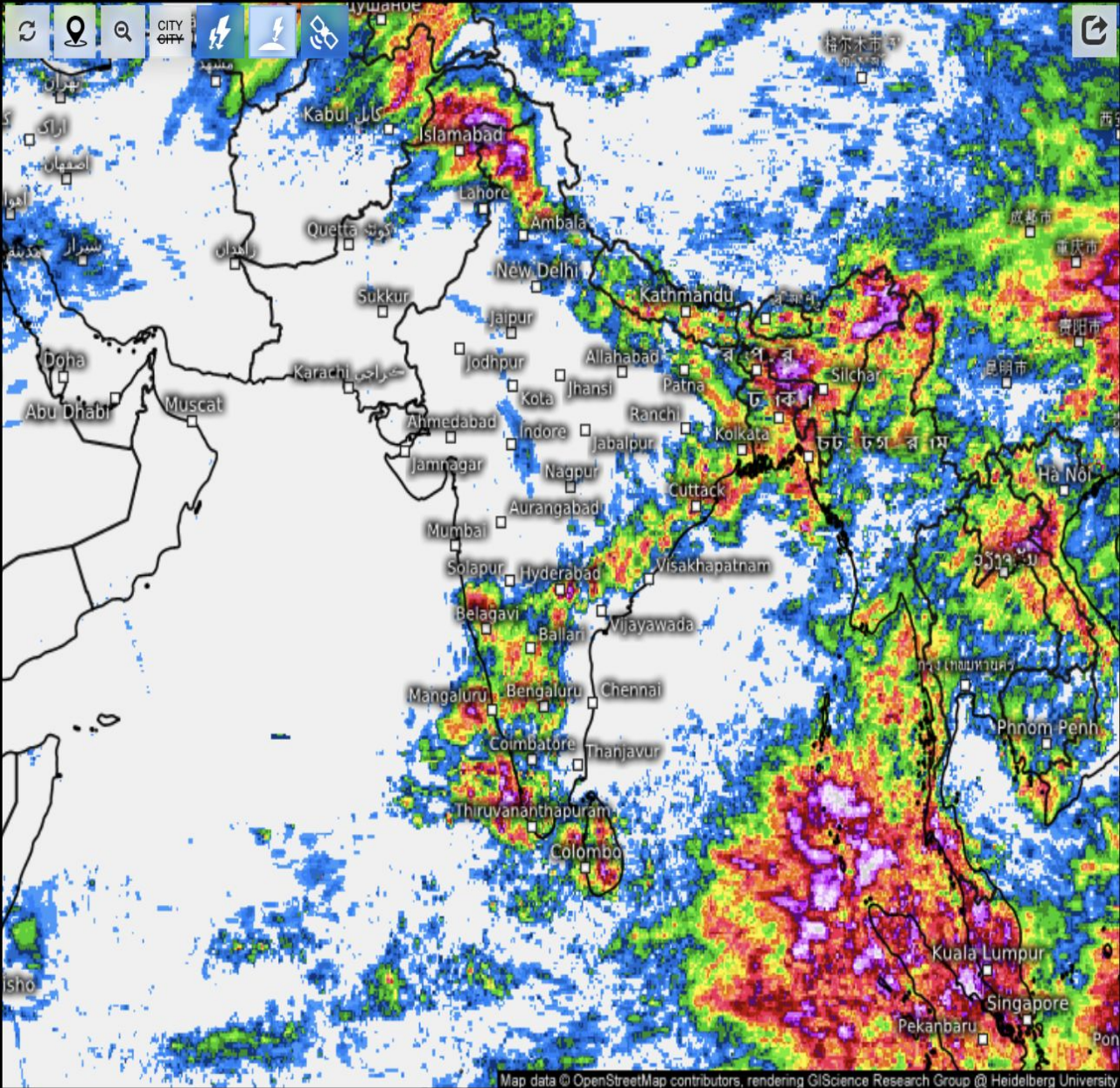
Thu 04/24/2025, 05:30am IST

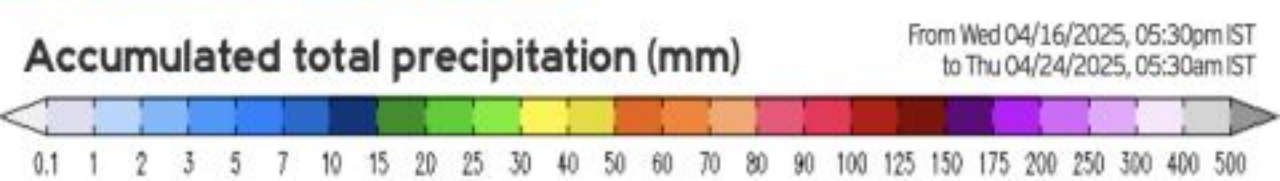
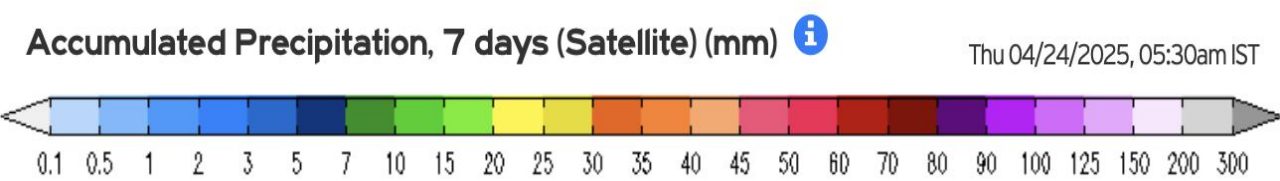
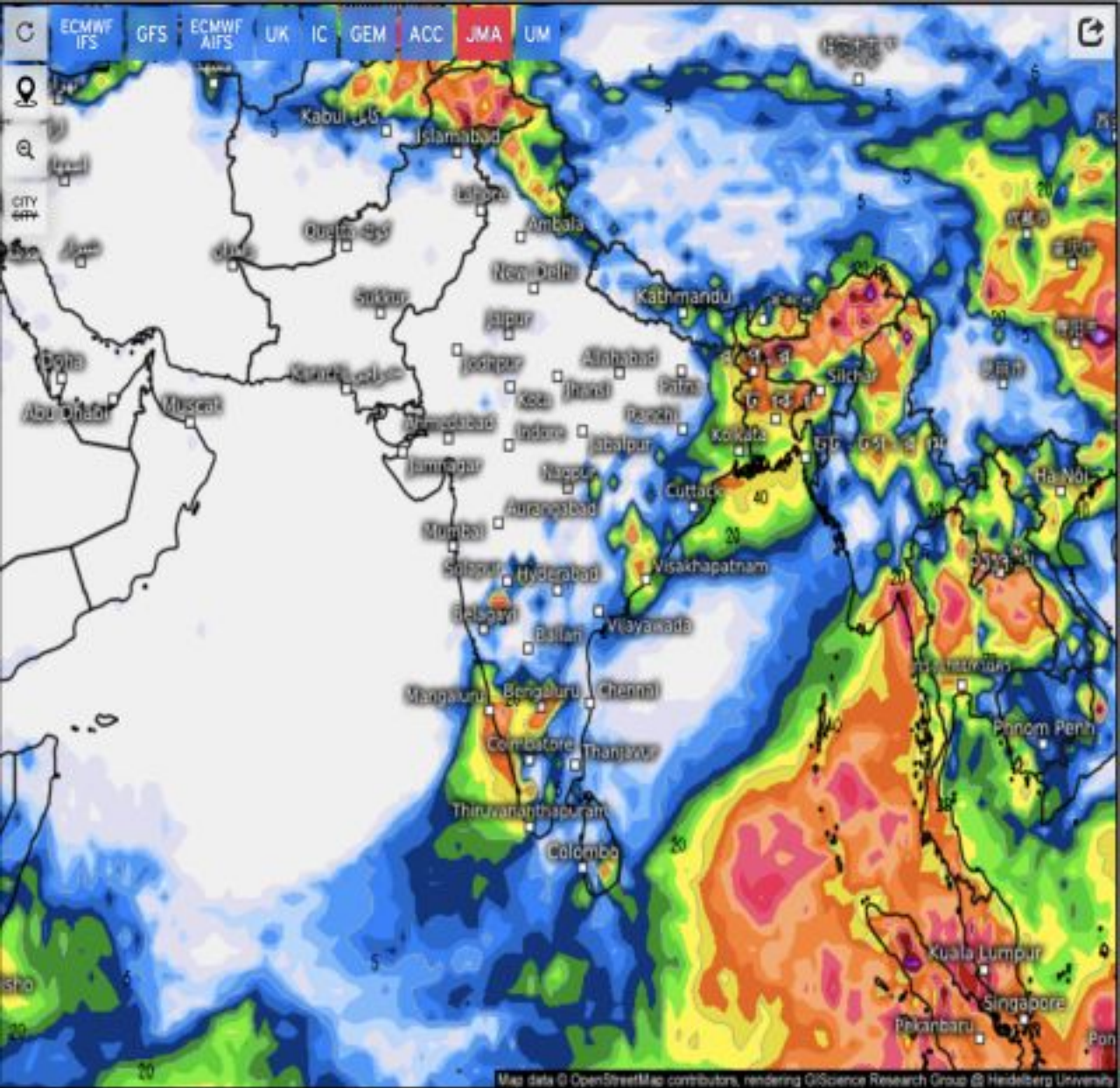
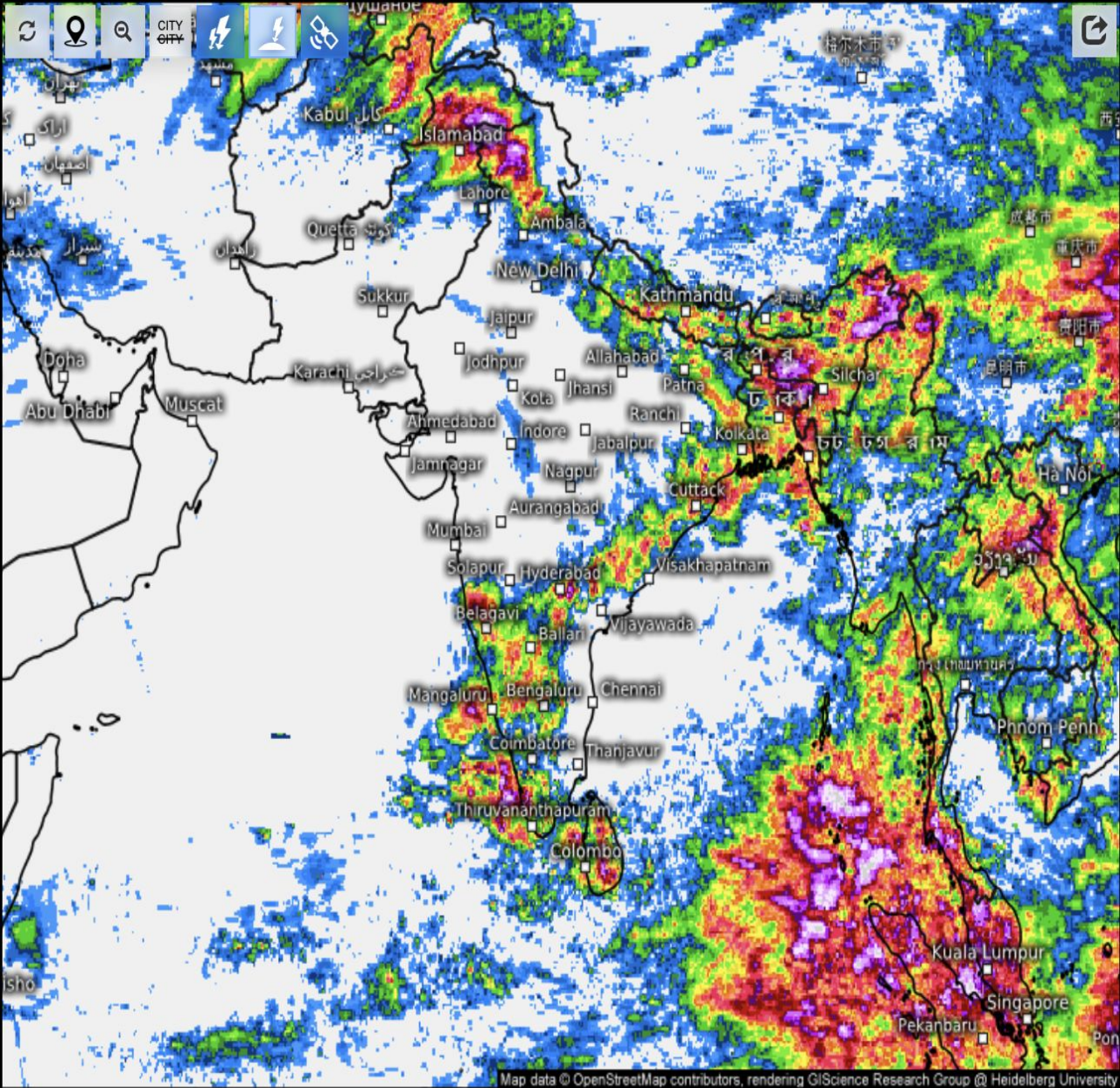


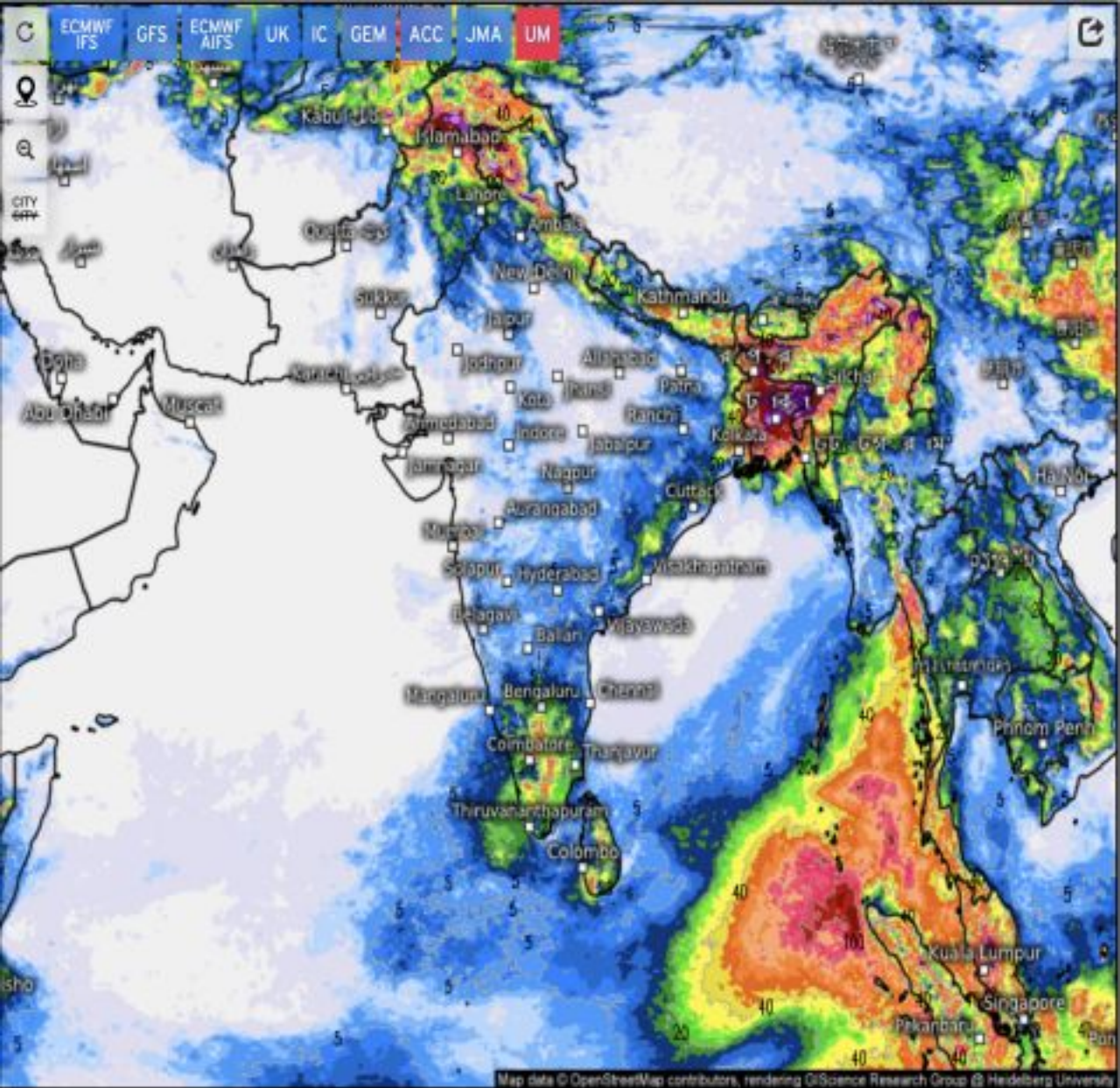
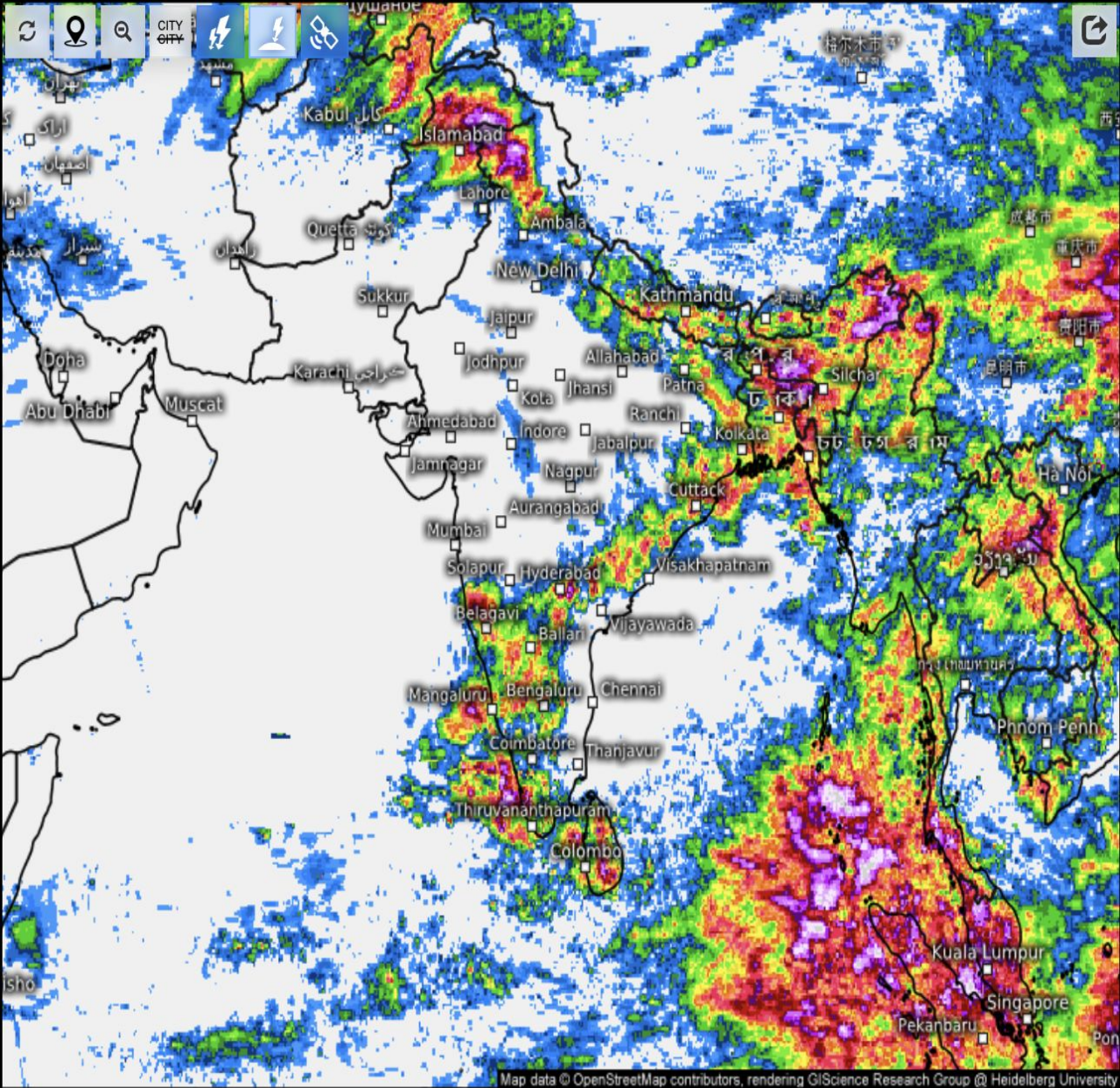
Accumulated total precipitation (mm) ⓘ

From Thu 04/17/2025, 05:30am IST
to Thu 04/24/2025, 05:30am IST



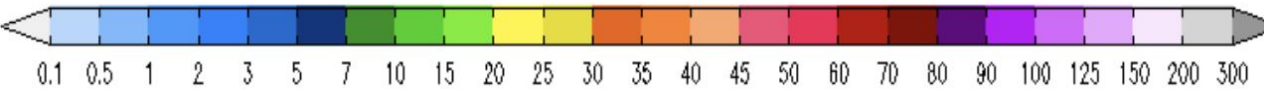






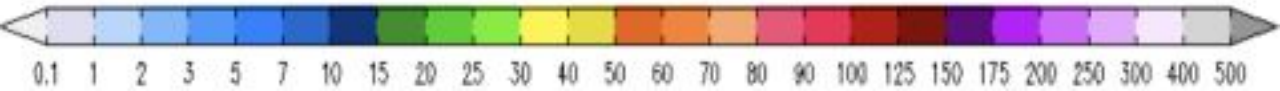
Accumulated Precipitation, 7 days (Satellite) (mm)

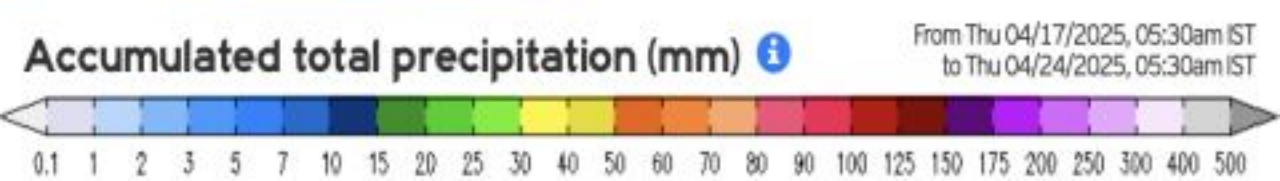
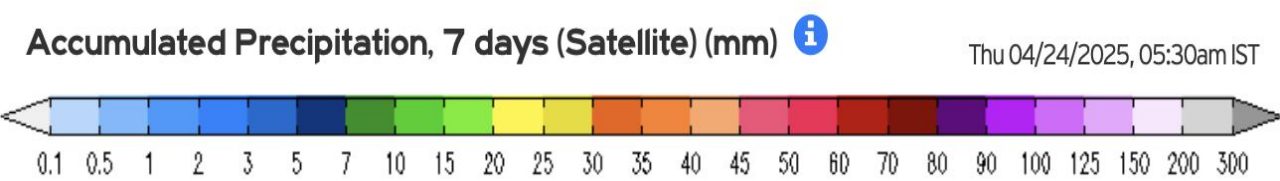
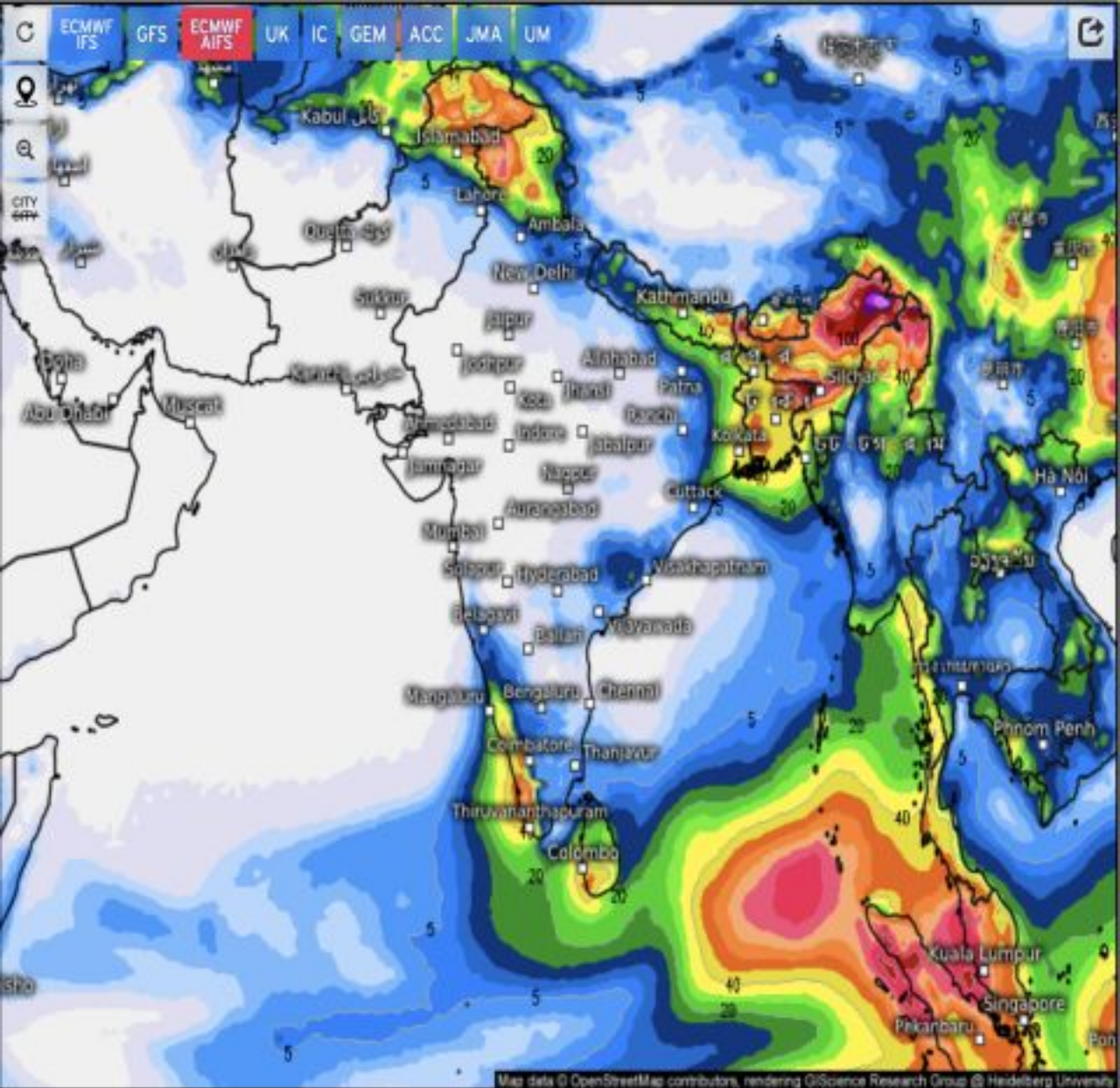
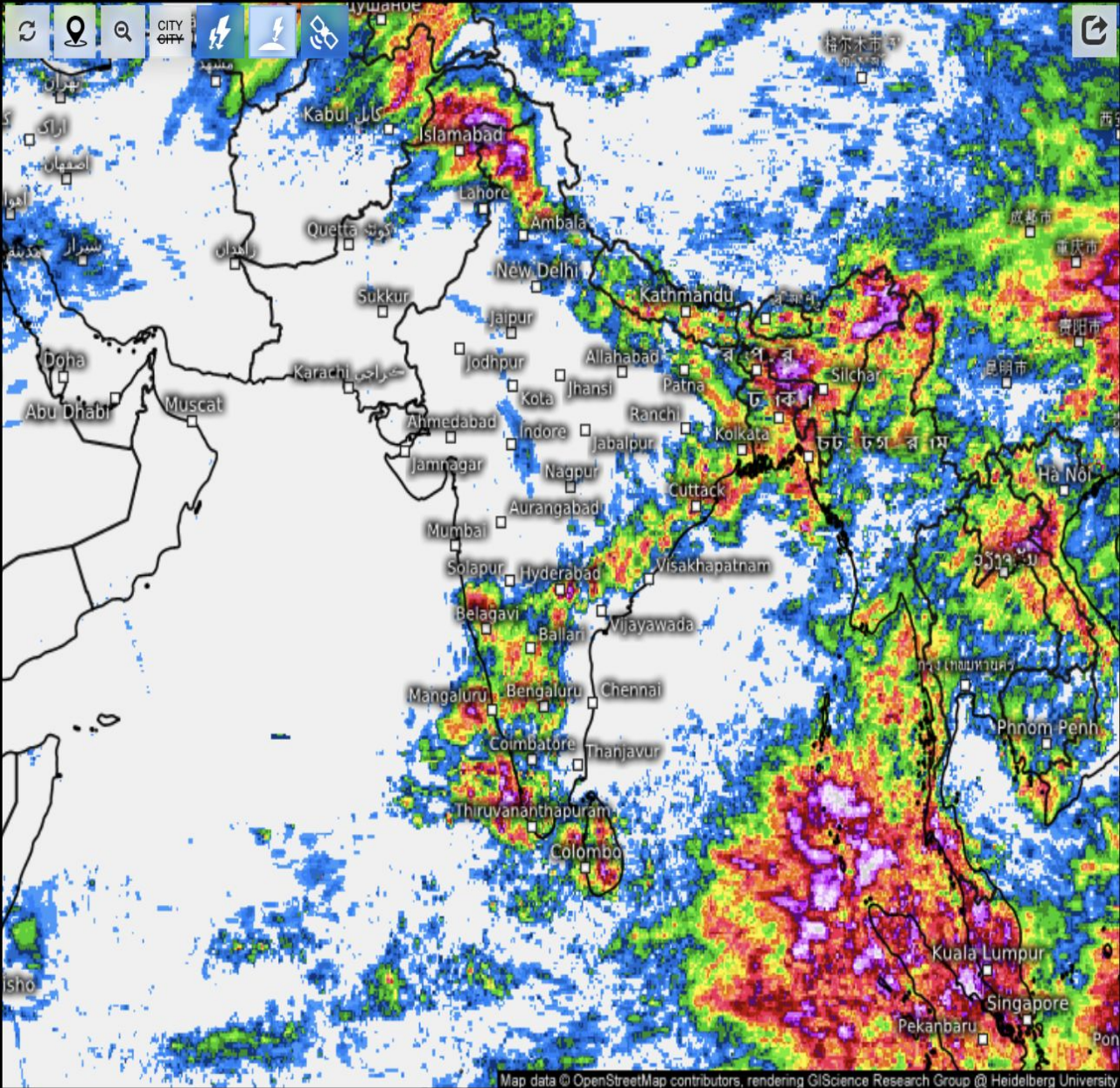
Thu 04/24/2025, 05:30am IST

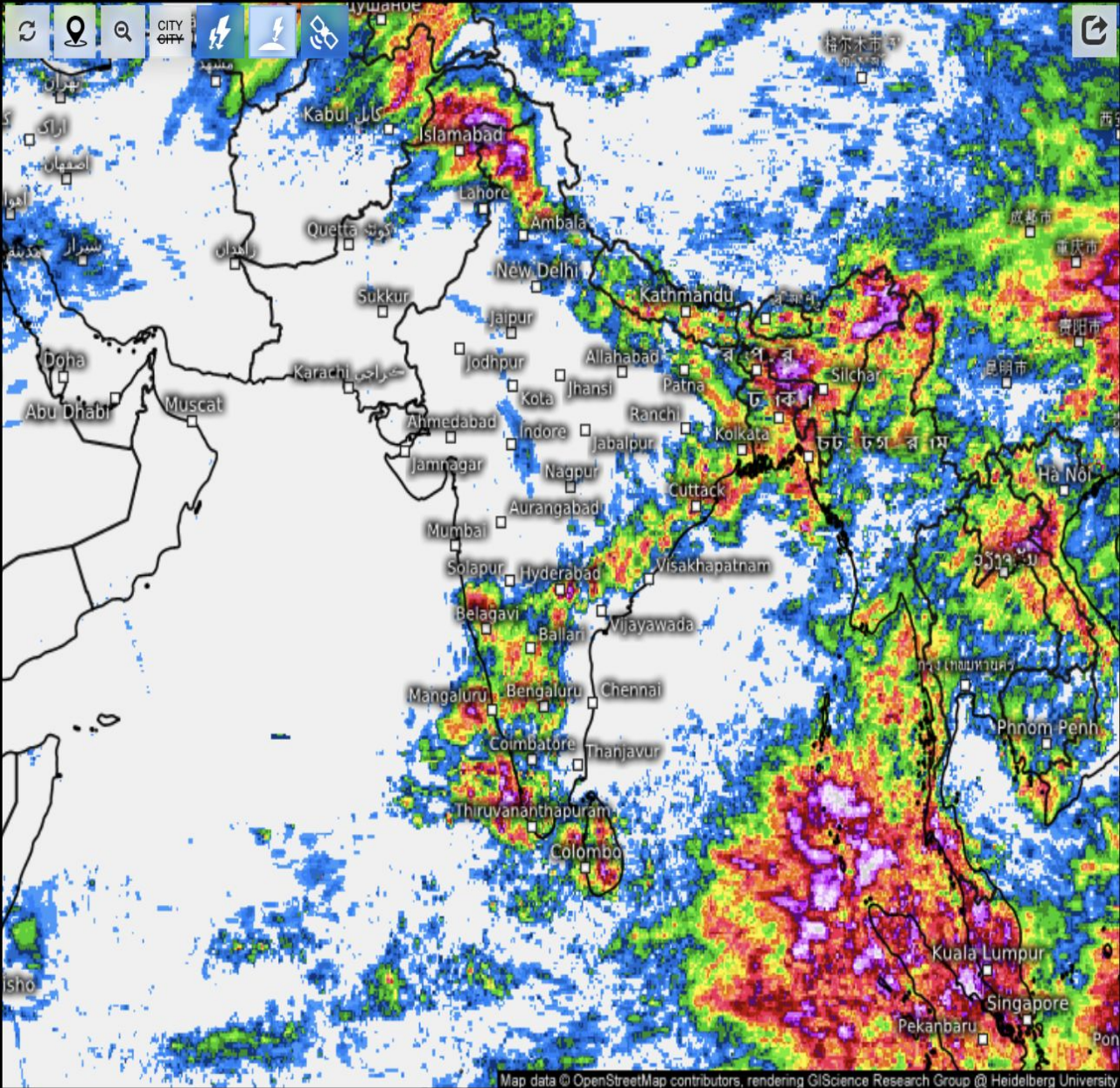


Accumulated total precipitation (mm)

From Wed 04/16/2025, 05:30pm IST
to Thu 04/24/2025, 05:30am IST

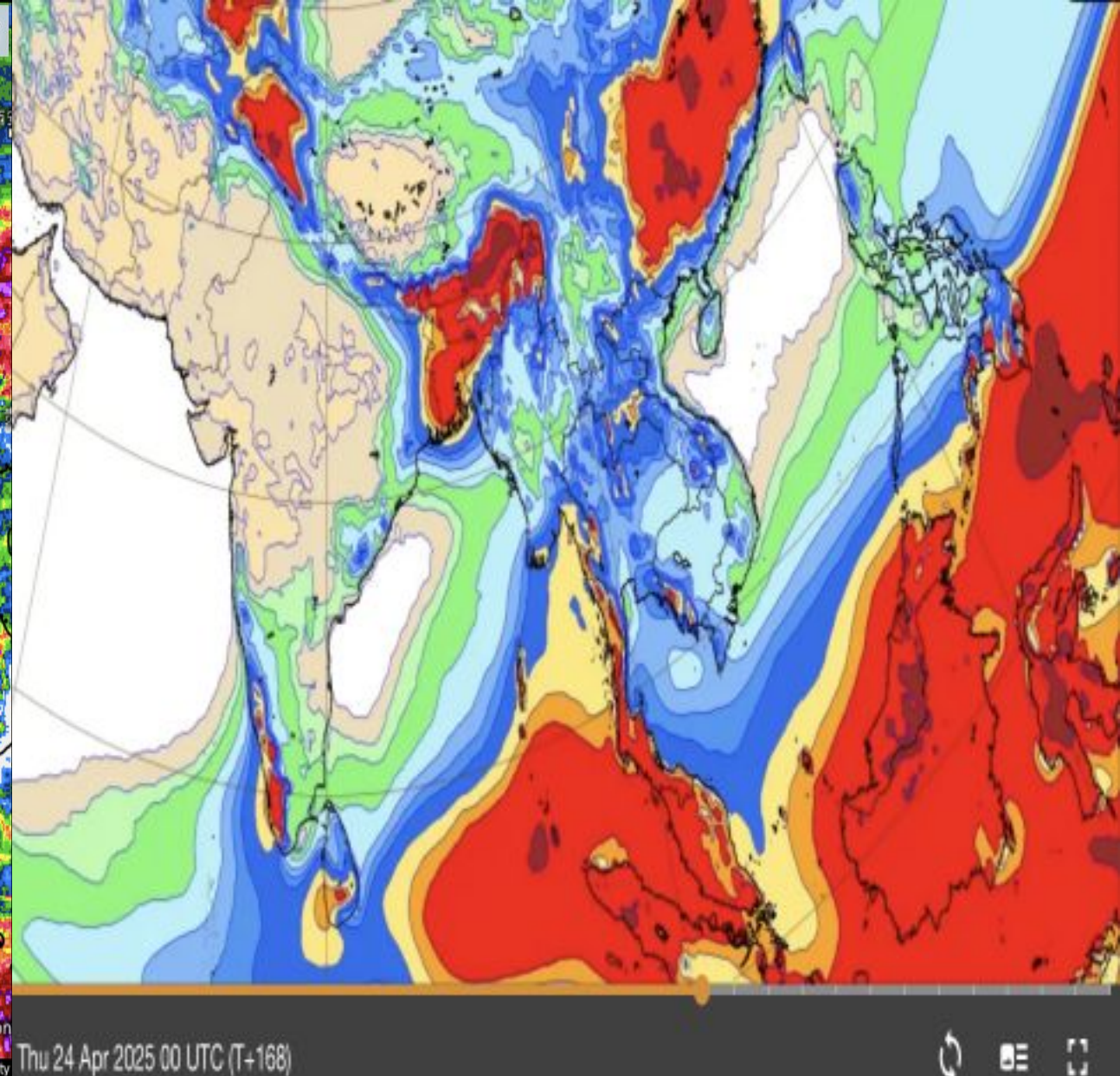
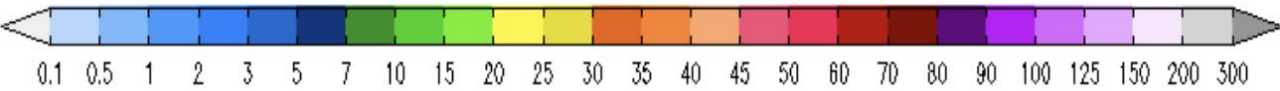






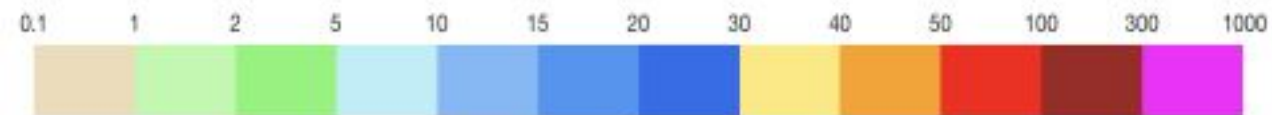
Accumulated Precipitation, 7 days (Satellite) (mm) 

Thu 04/24/2025, 05:30am IST

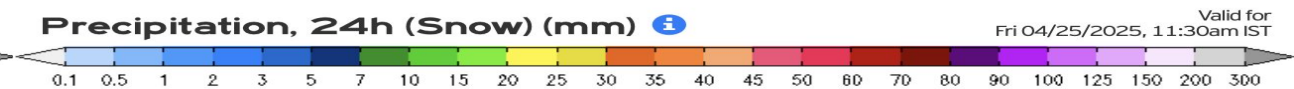
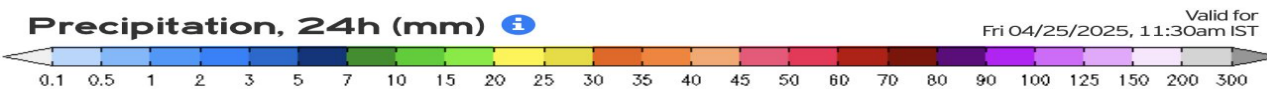
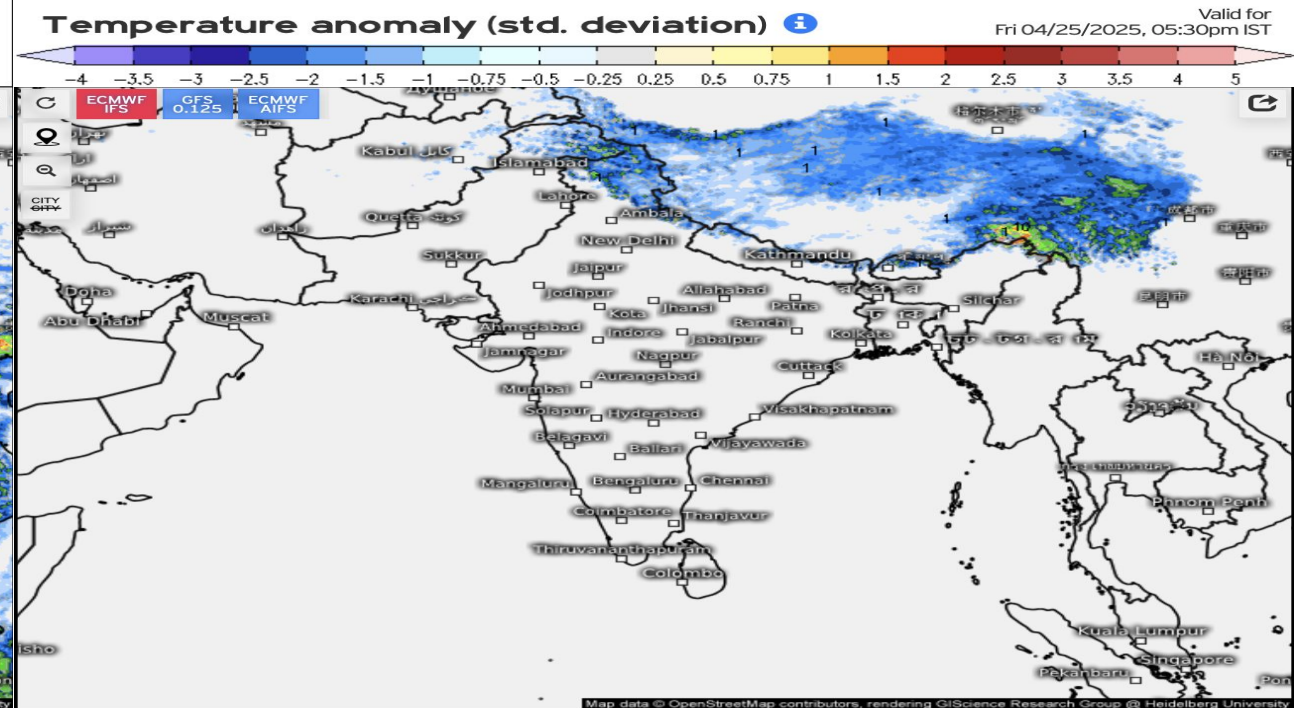
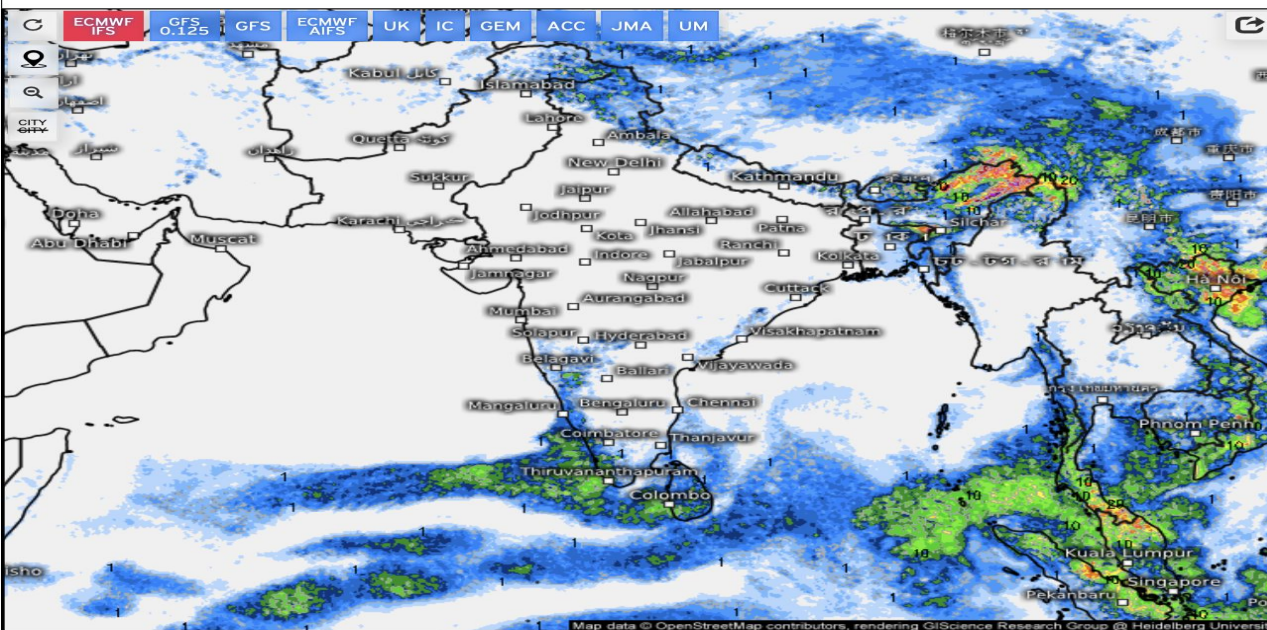
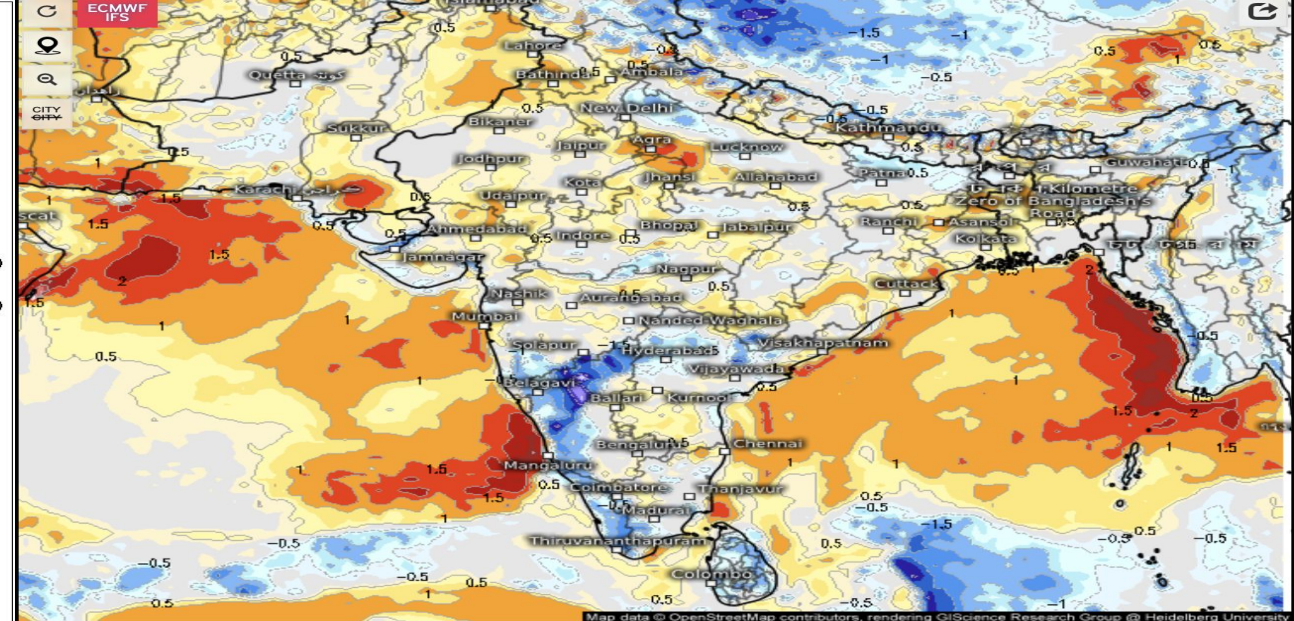
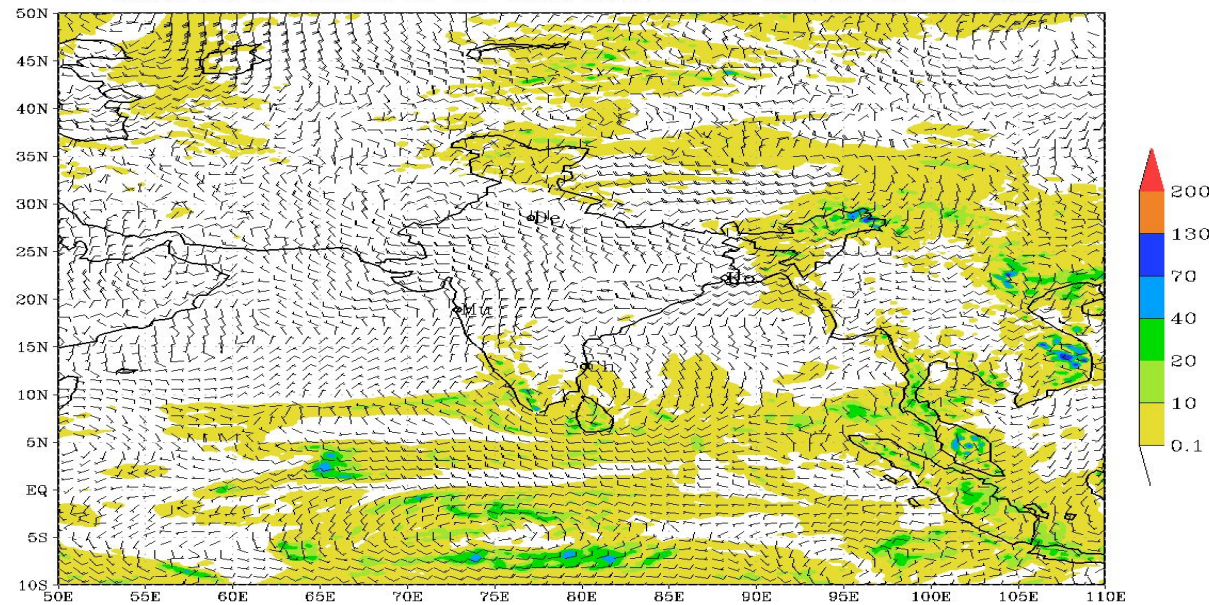


Thu 24 Apr 2025 00 UTC (T+168)

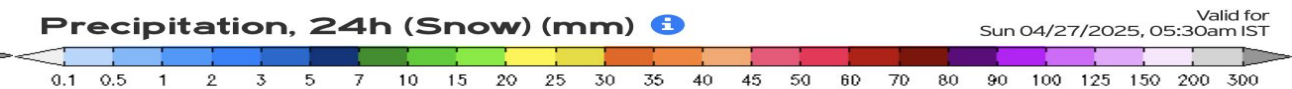
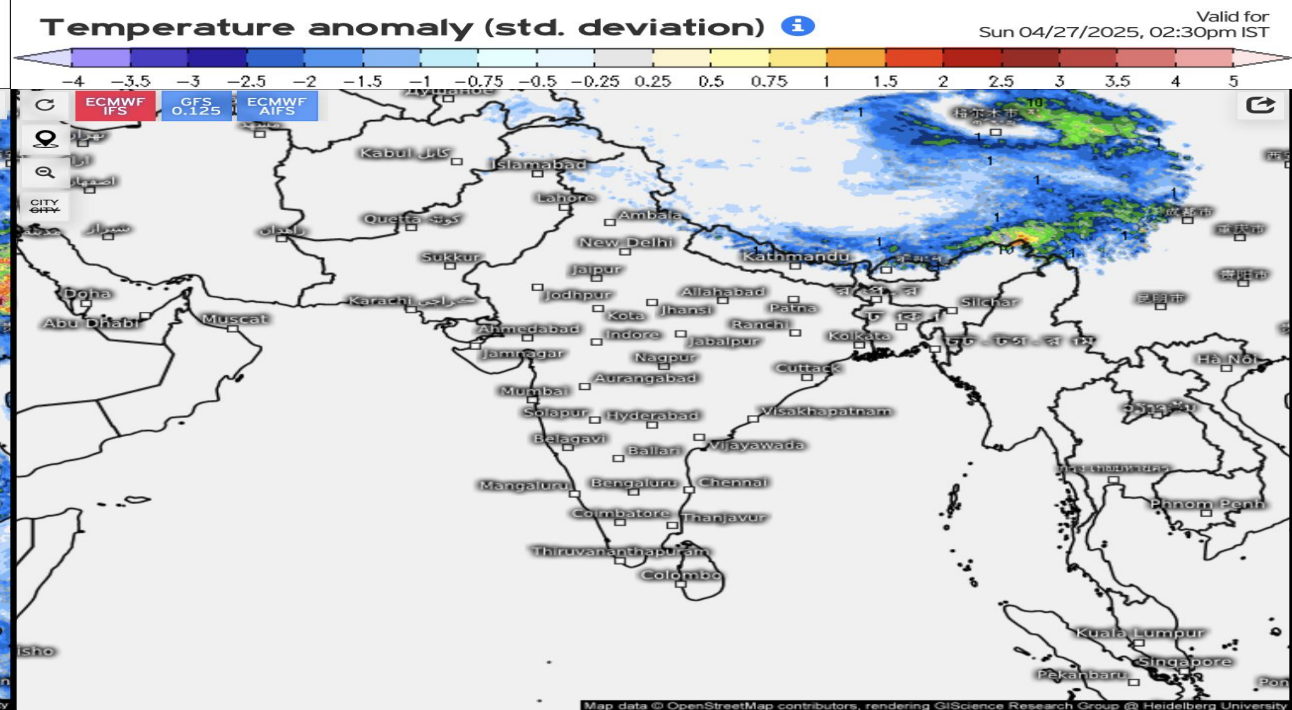
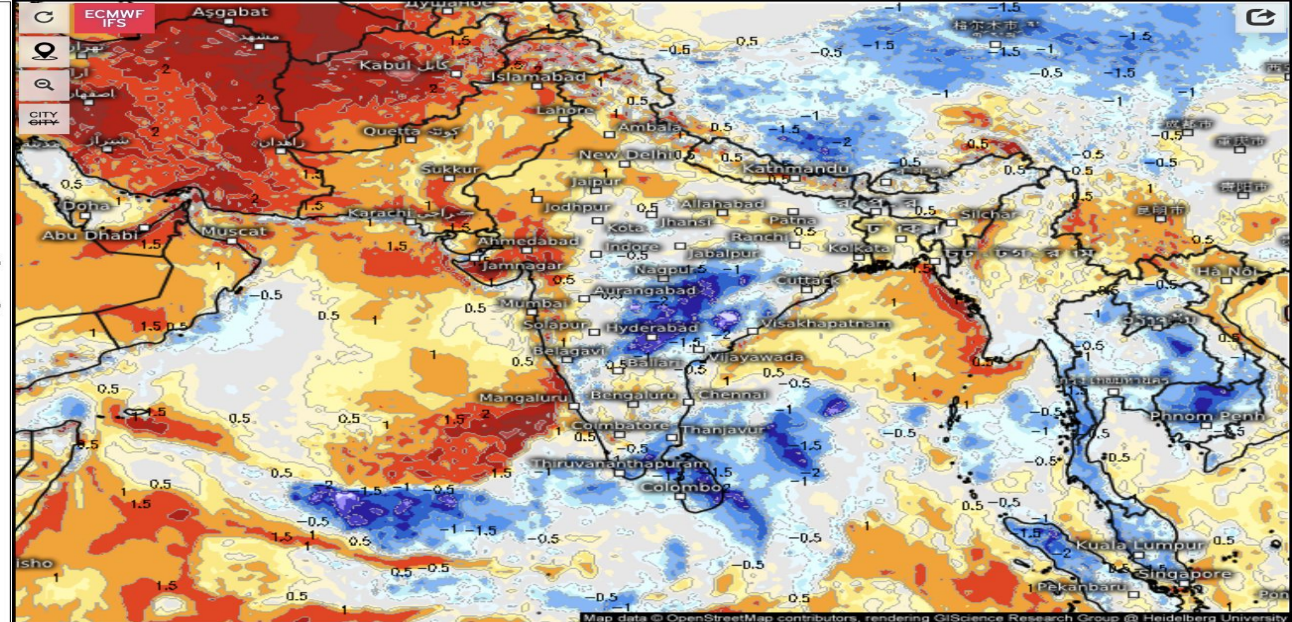
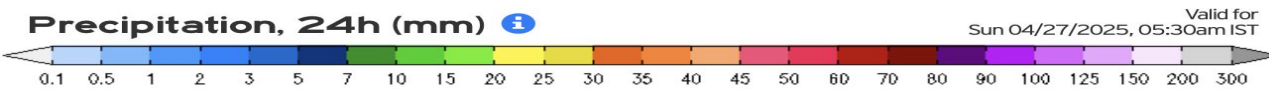
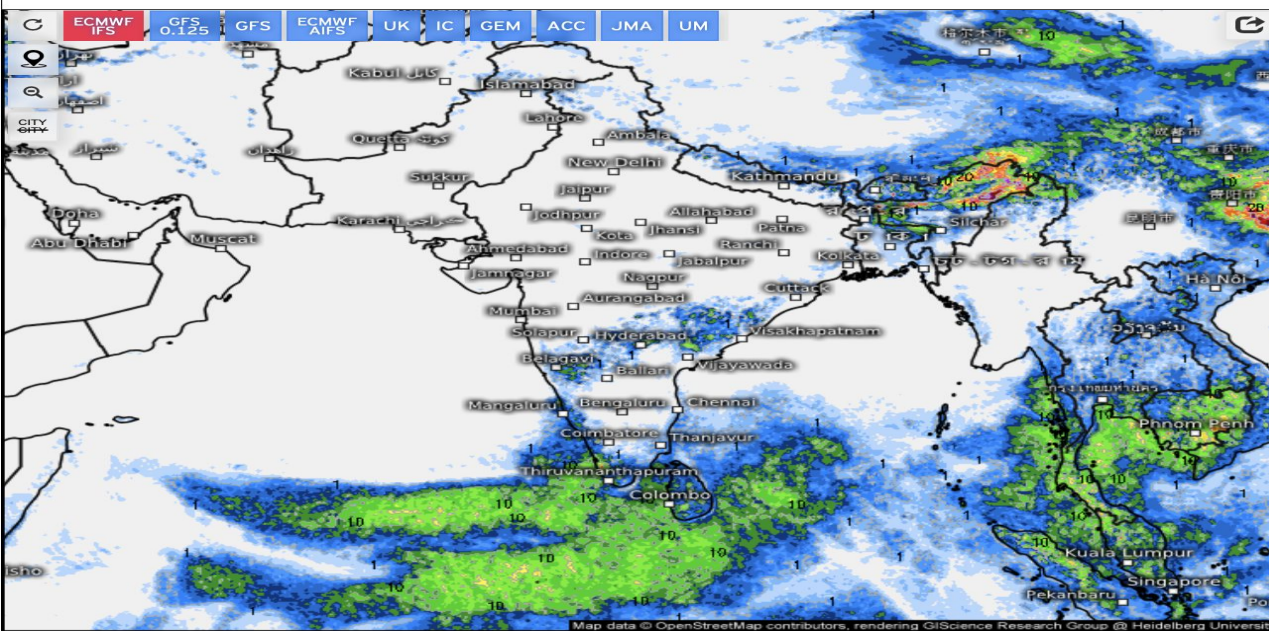
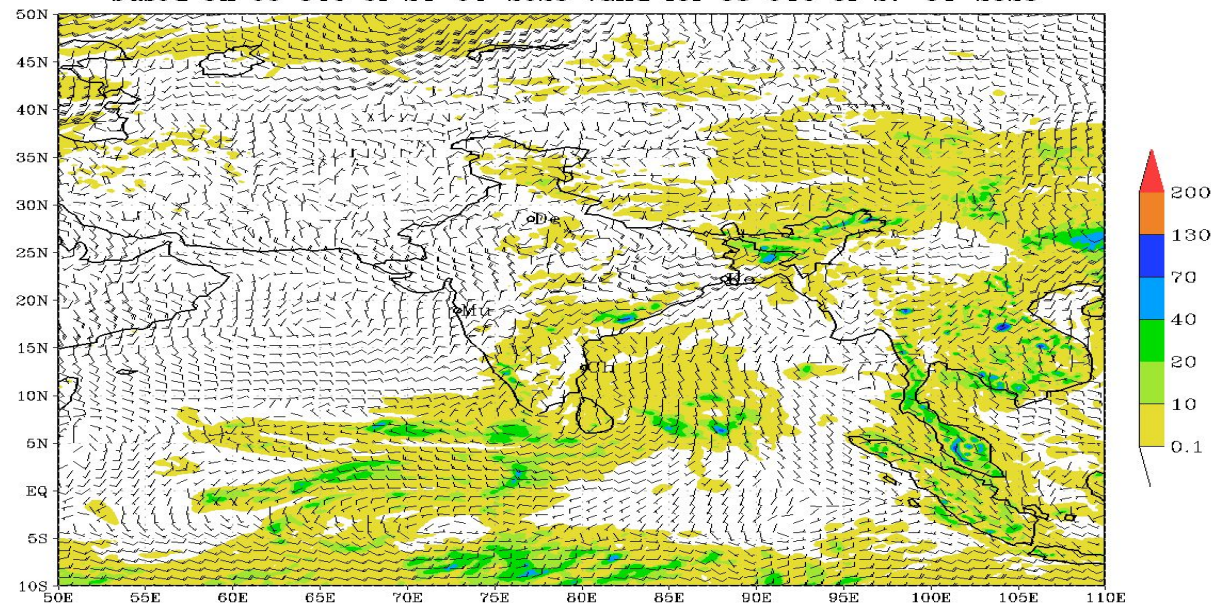
Experimental: GraphCast (Google Deepmind) ML model: Total accumulated precipitation (mm) 



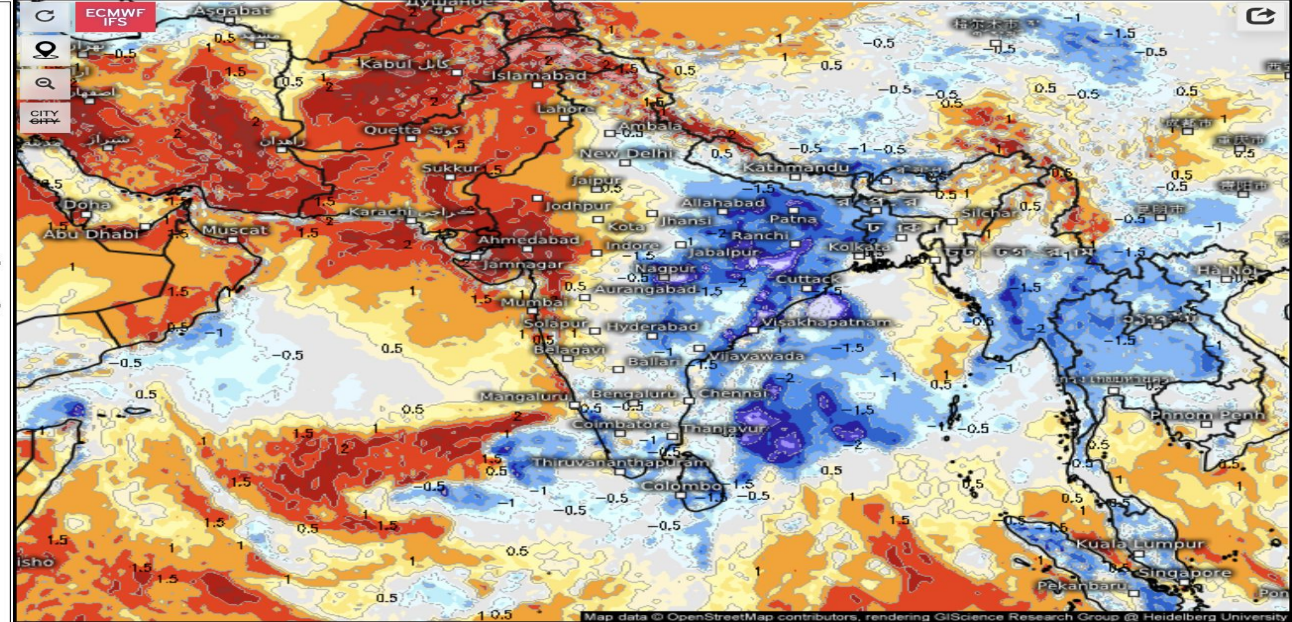
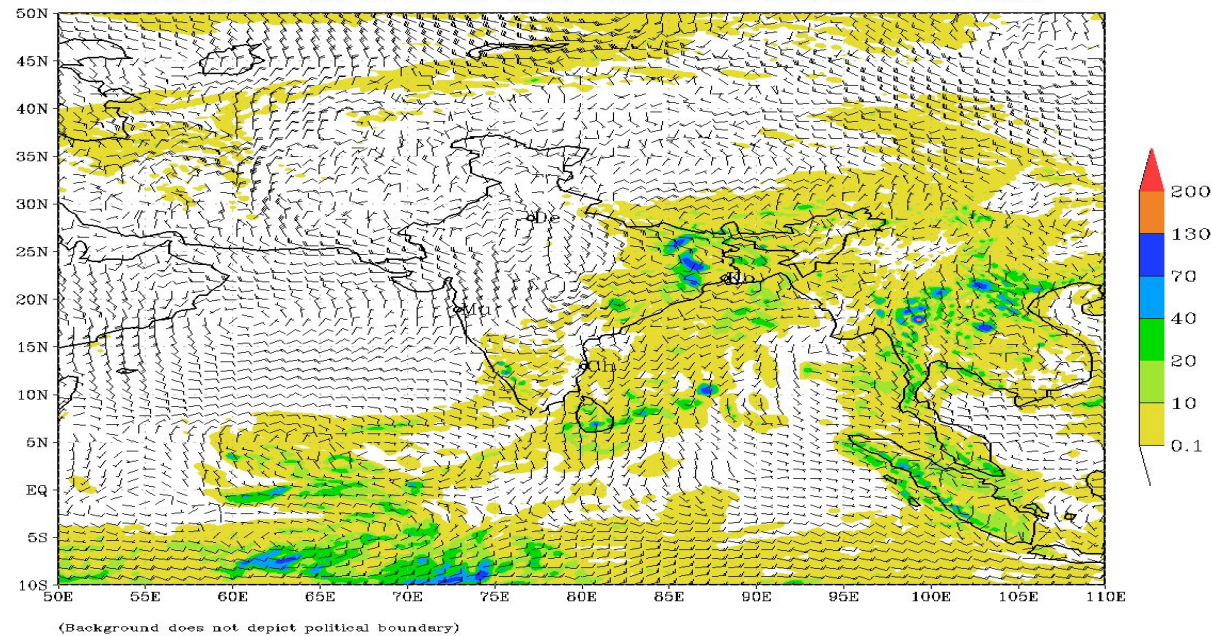
IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (24 HR)
based on 00 UTC of 24-04-2025 valid for 03 UTC of 25-04-2025



IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (72 HR)
based on 00 UTC of 24-04-2025 valid for 03 UTC of 27-04-2025

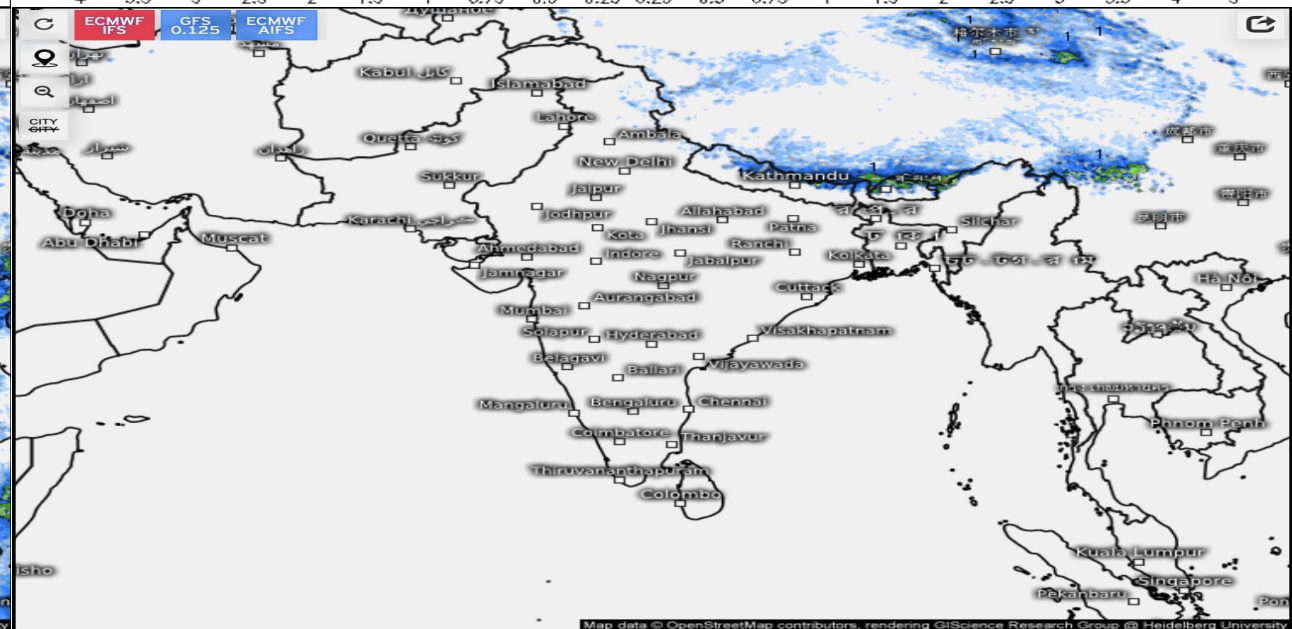
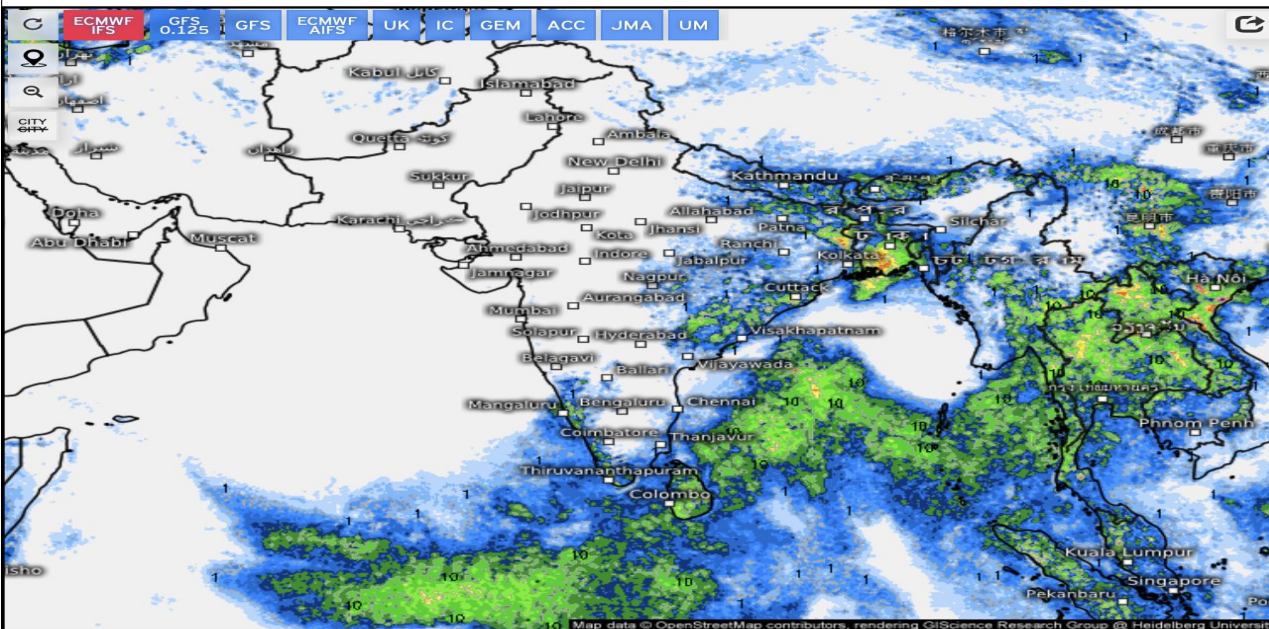


IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (120 HR)
based on 00 UTC of 24-04-2025 valid for 03 UTC of 29-04-2025



Temperature anomaly (std. deviation) ⓘ

Valid for
Tue 04/29/2025, 02:30pm IST



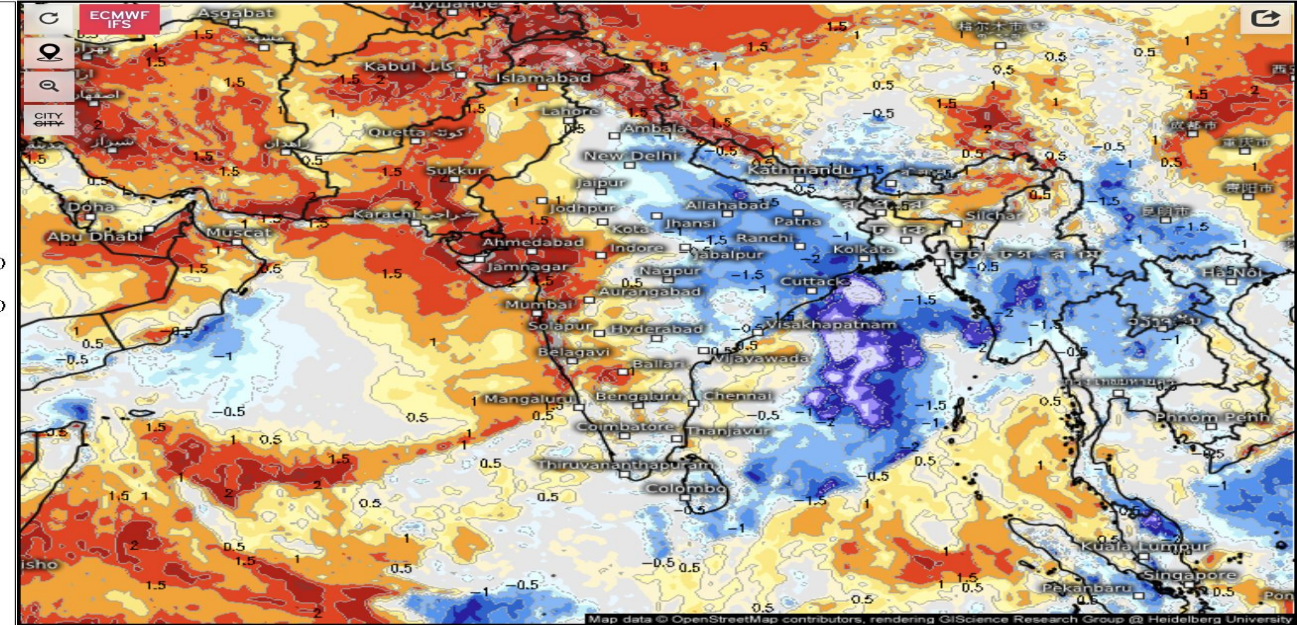
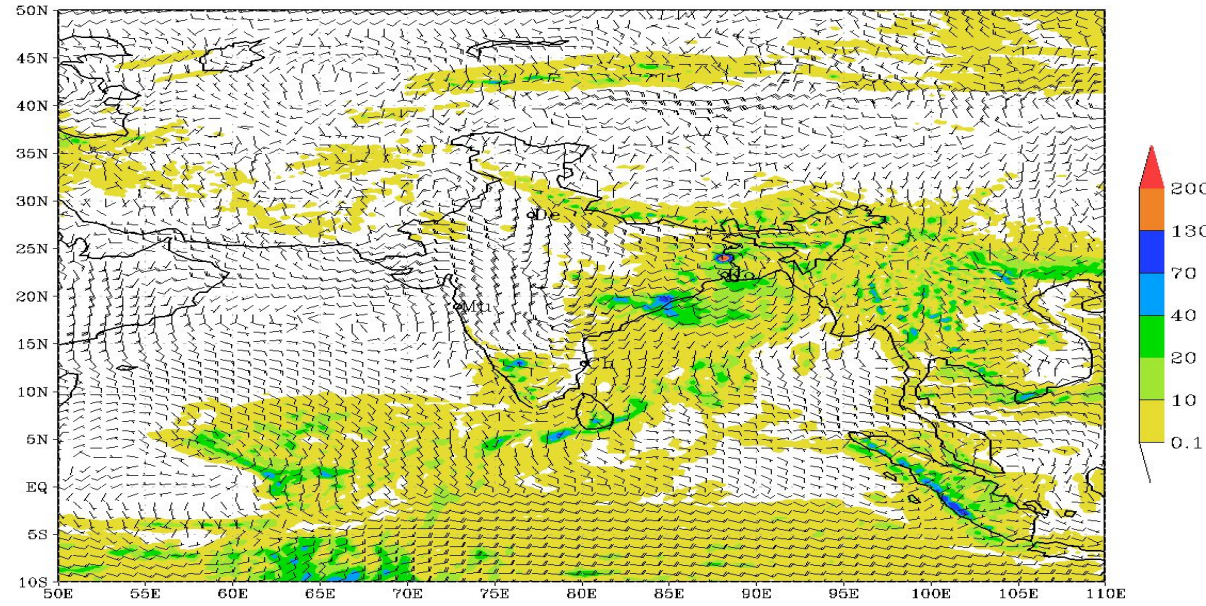
Precipitation, 24h (mm) ⓘ

Valid for
Tue 04/29/2025, 05:30am IST

Precipitation, 24h (Snow) (mm) ⓘ

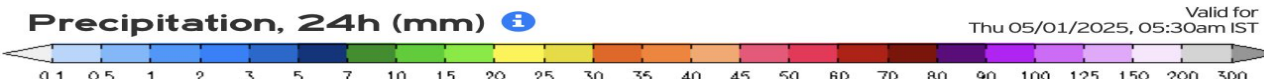
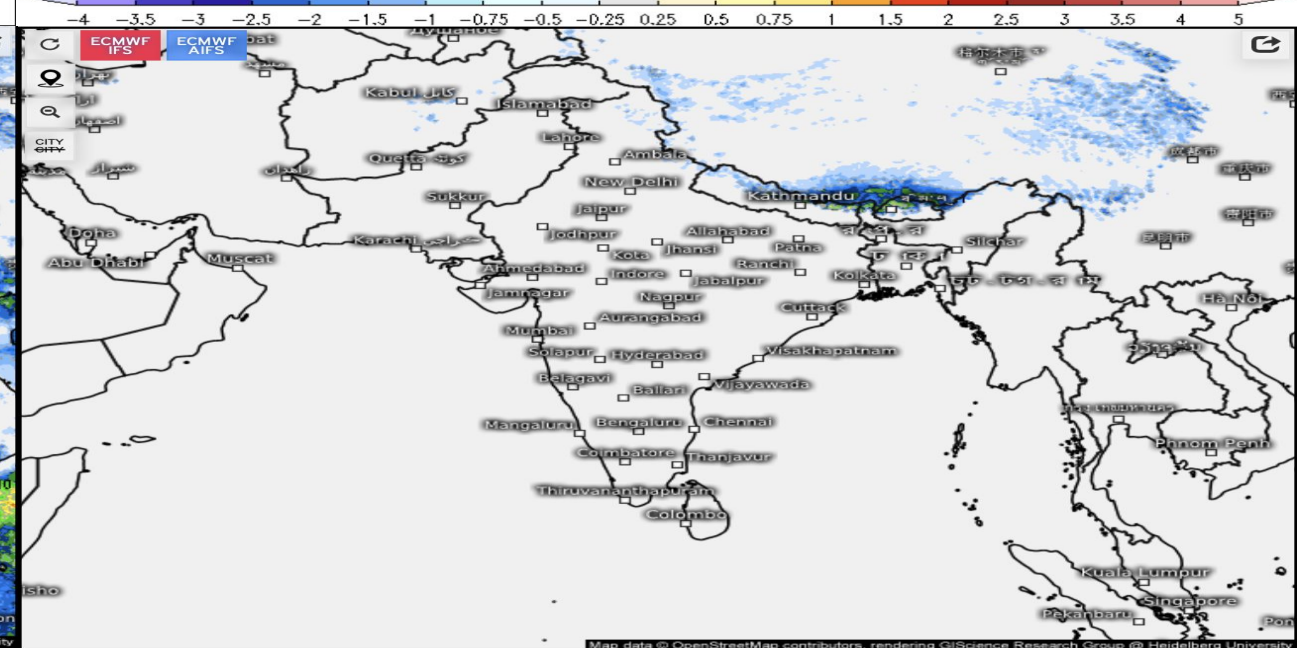
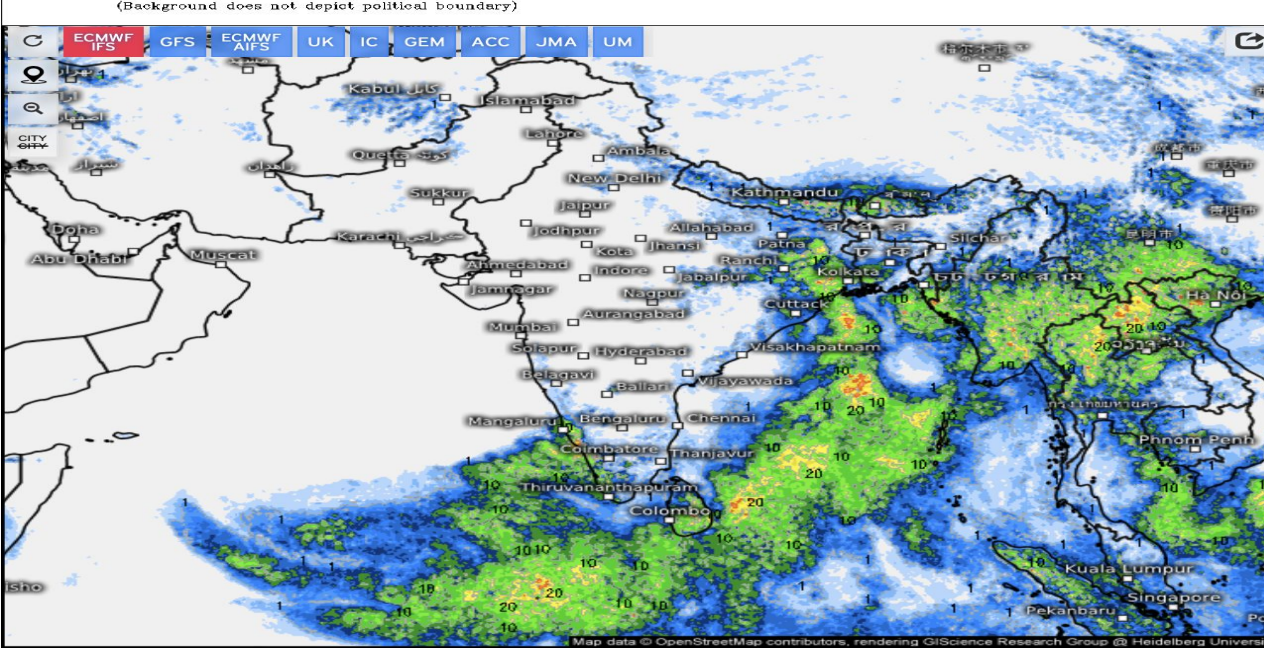
Valid for
Tue 04/29/2025, 05:30am IST

IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (168 HR)
based on 00 UTC of 24-04-2025 valid for 03 UTC of 01-05-2025

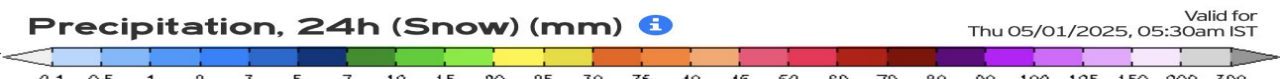


Temperature anomaly (std. deviation)

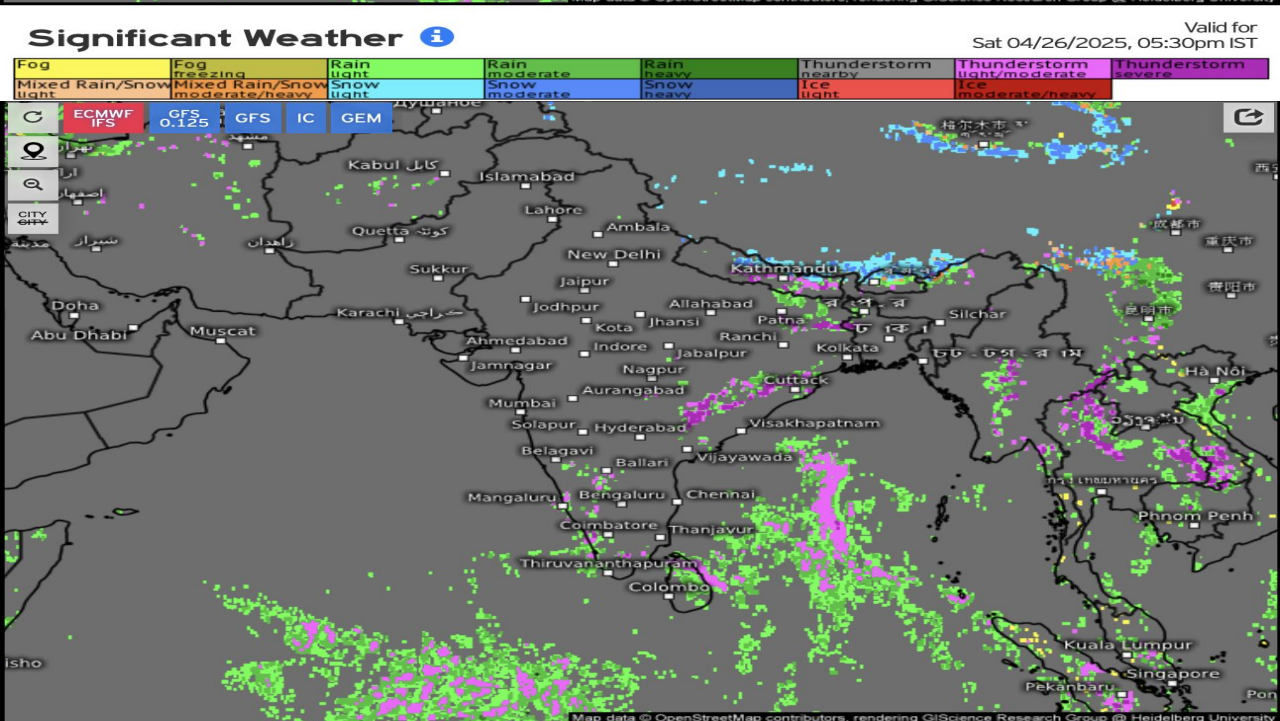
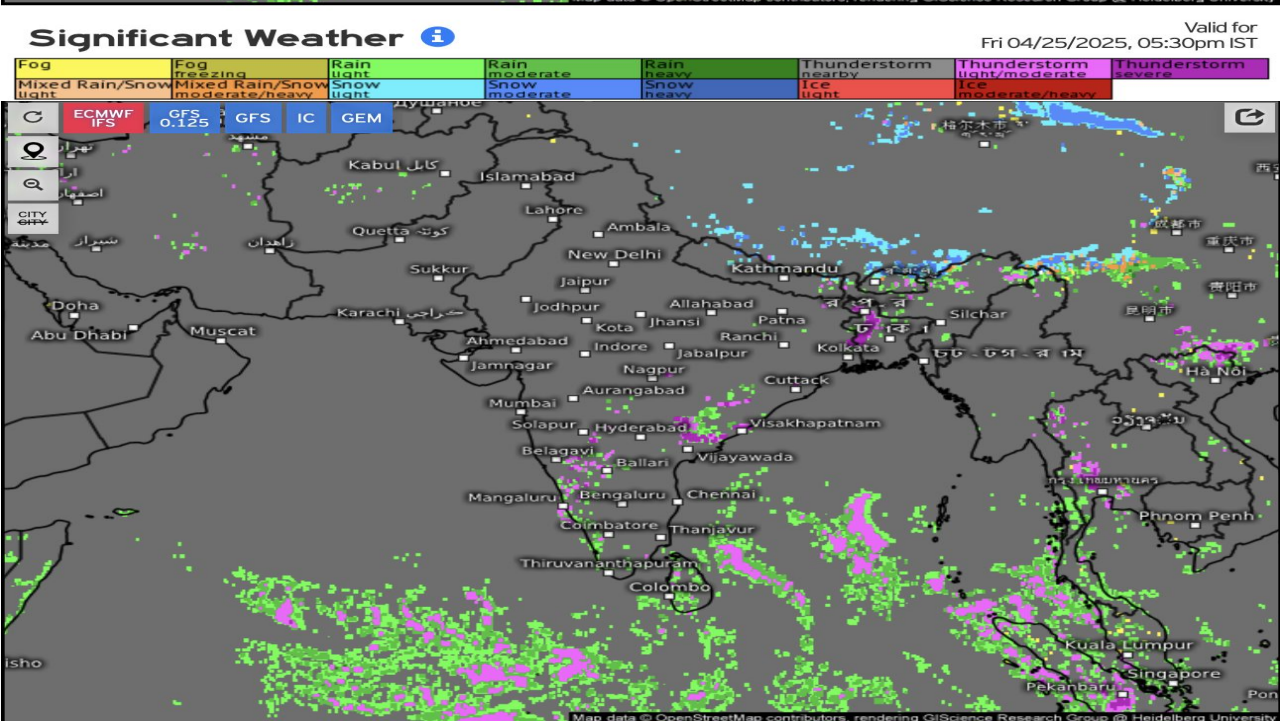
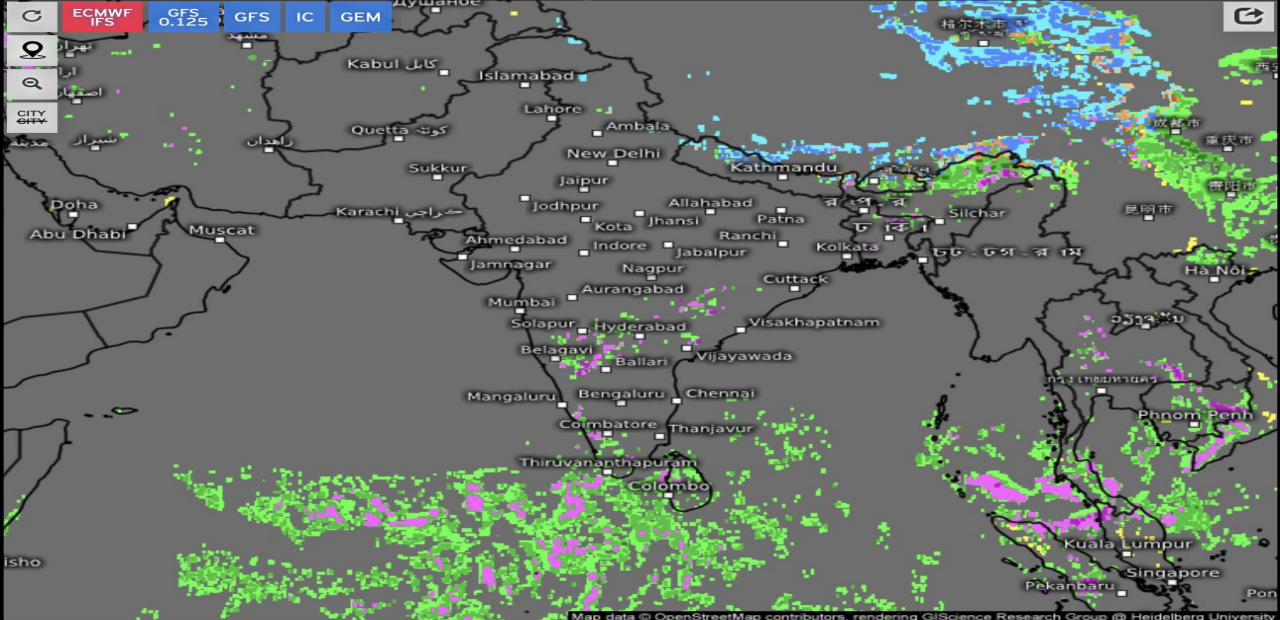
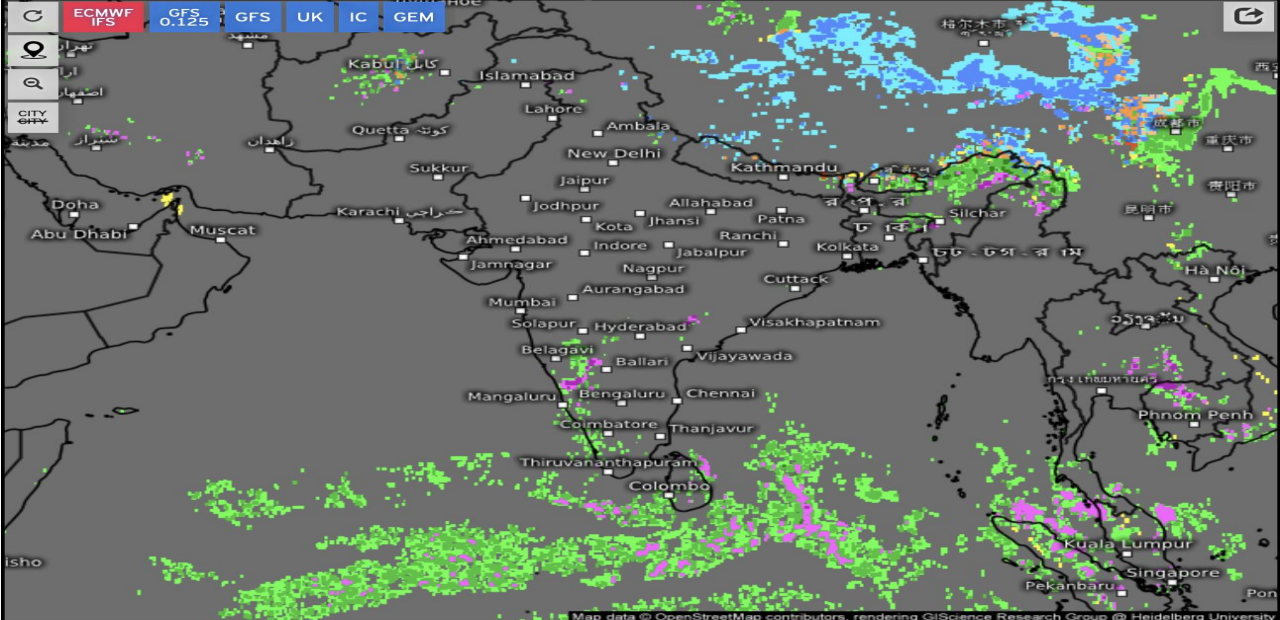
Valid for Thu 05/01/2025, 11:30am IST

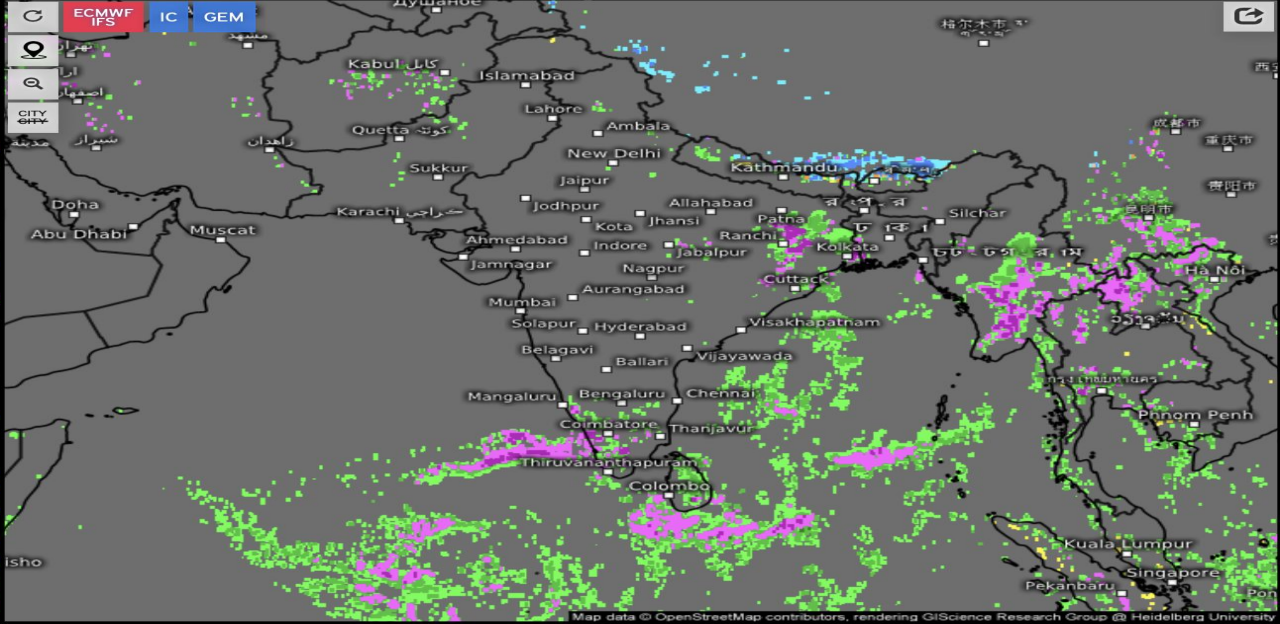
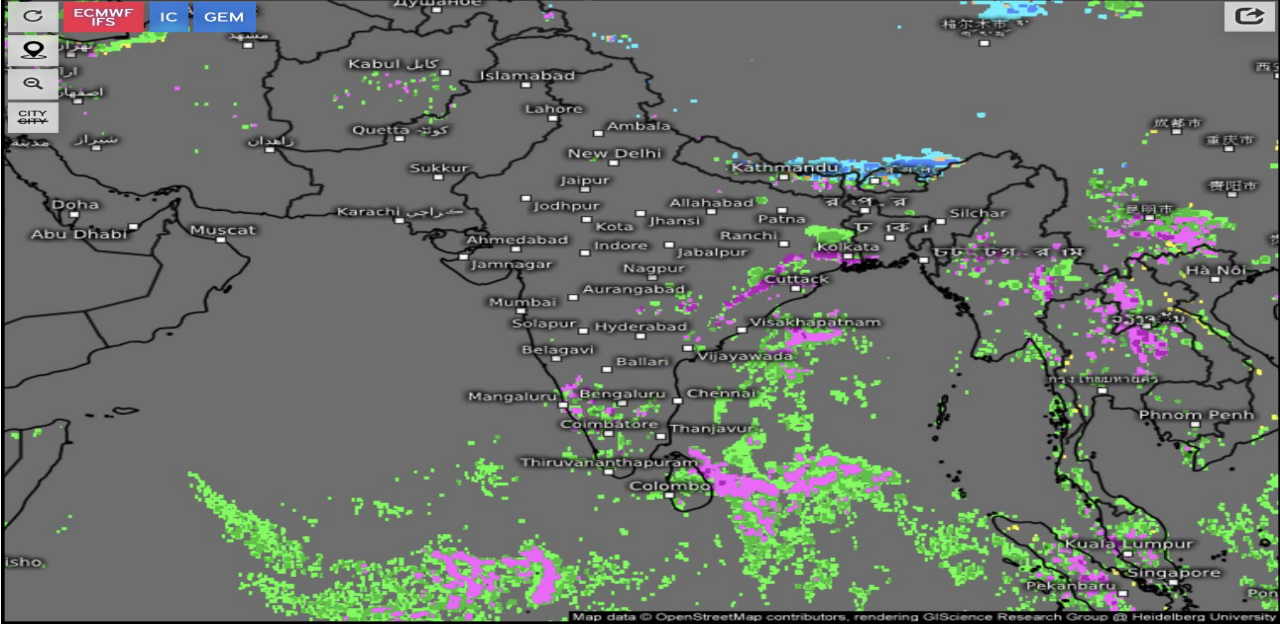


Valid for Thu 05/01/2025, 05:30am IST



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





Significant Weather

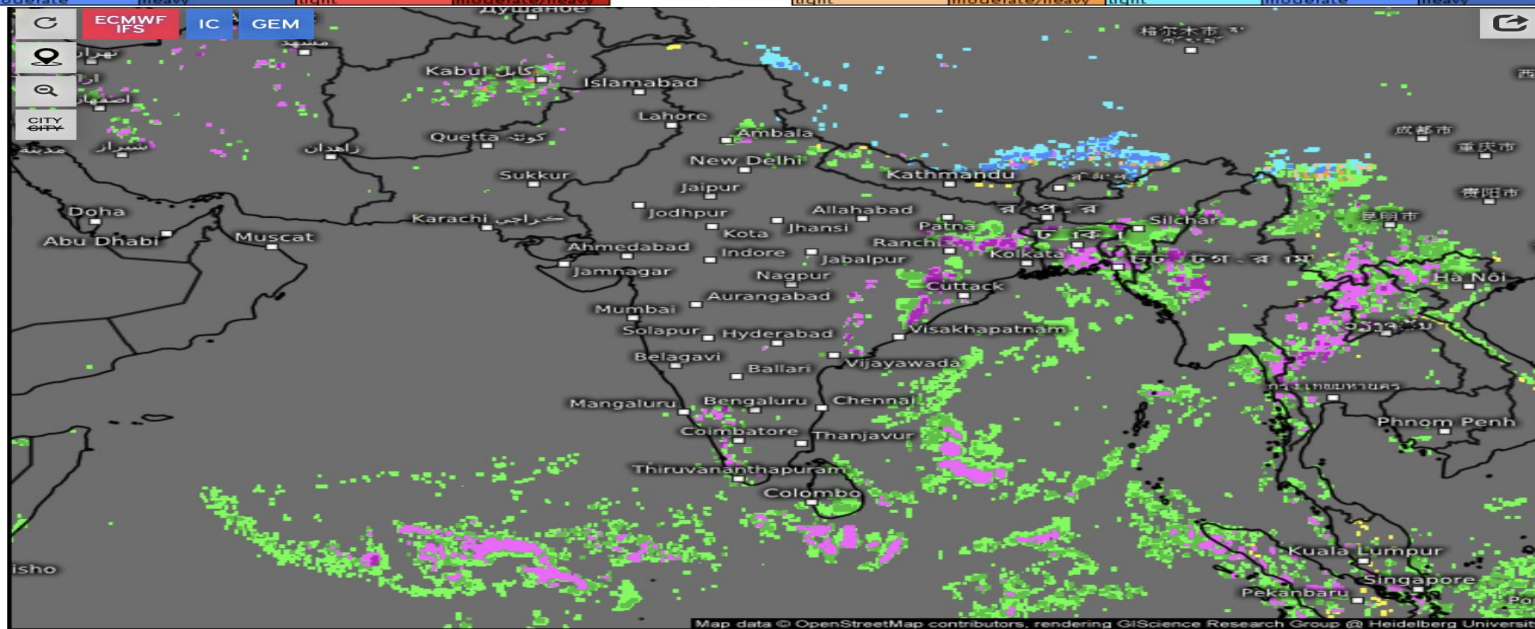
Valid for Tue 04/29/2025, 05:30pm IST

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

Valid for Wed 04/30/2025, 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

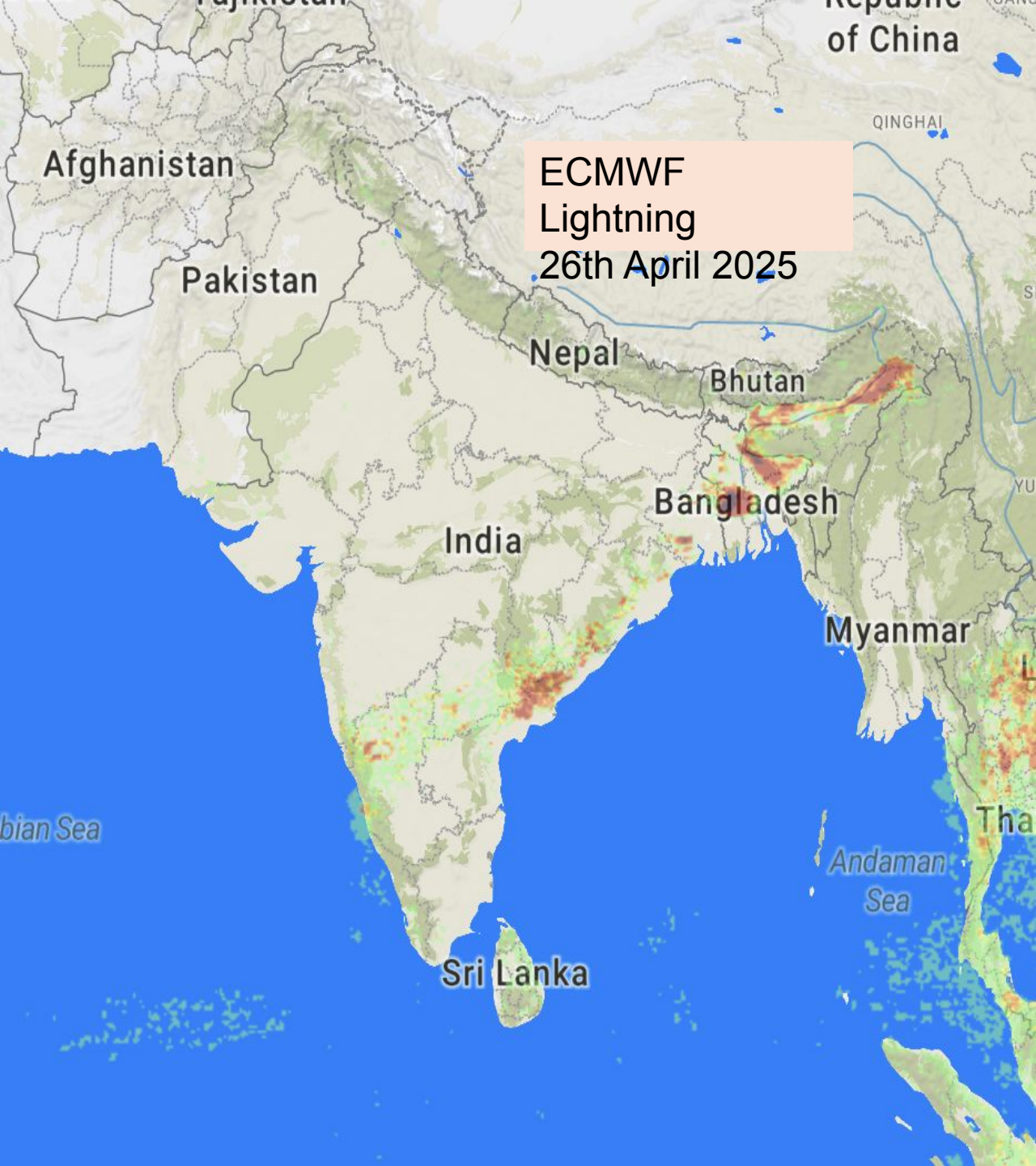
Valid for Thu 05/01/2025, 05:30pm IST

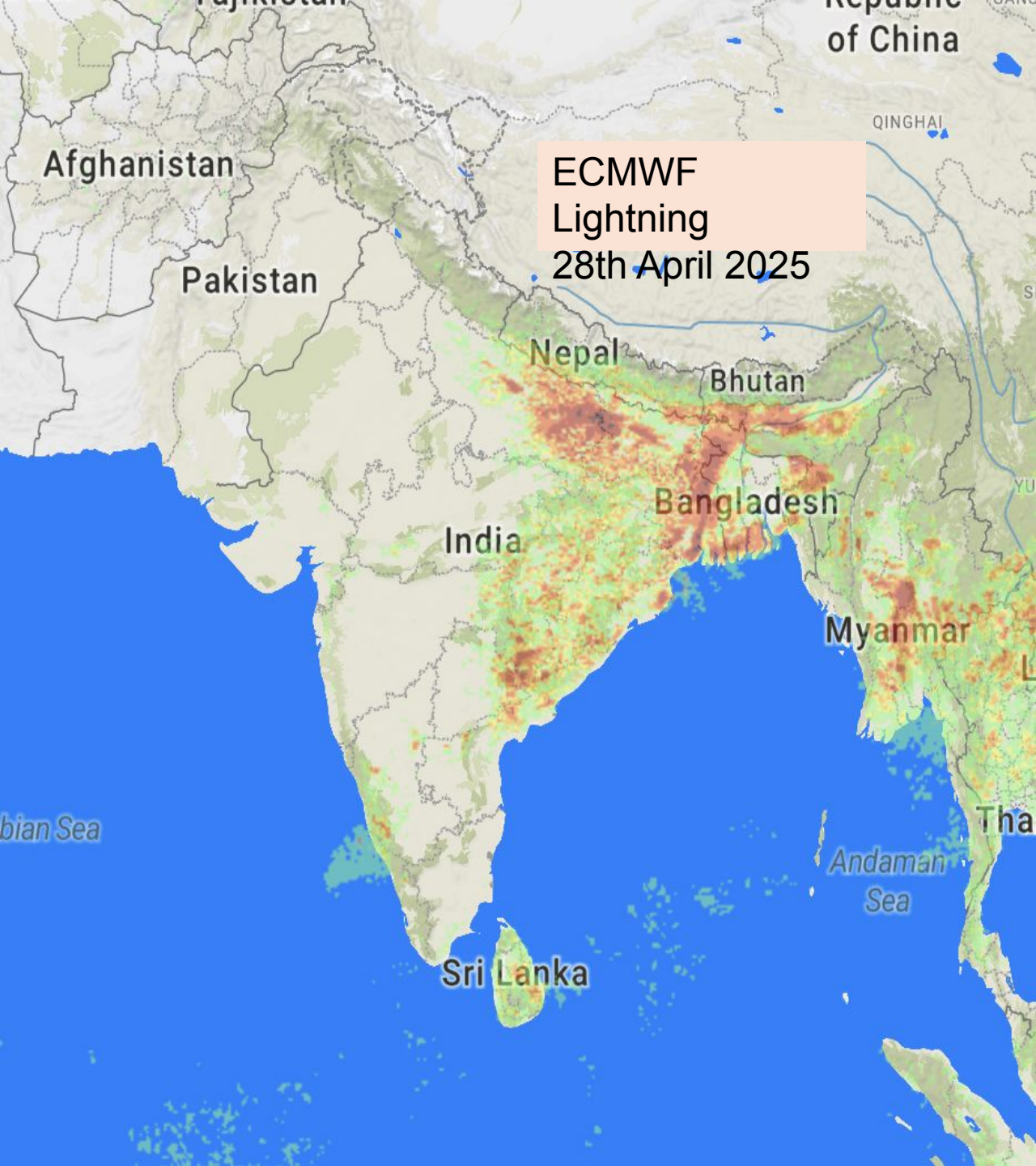
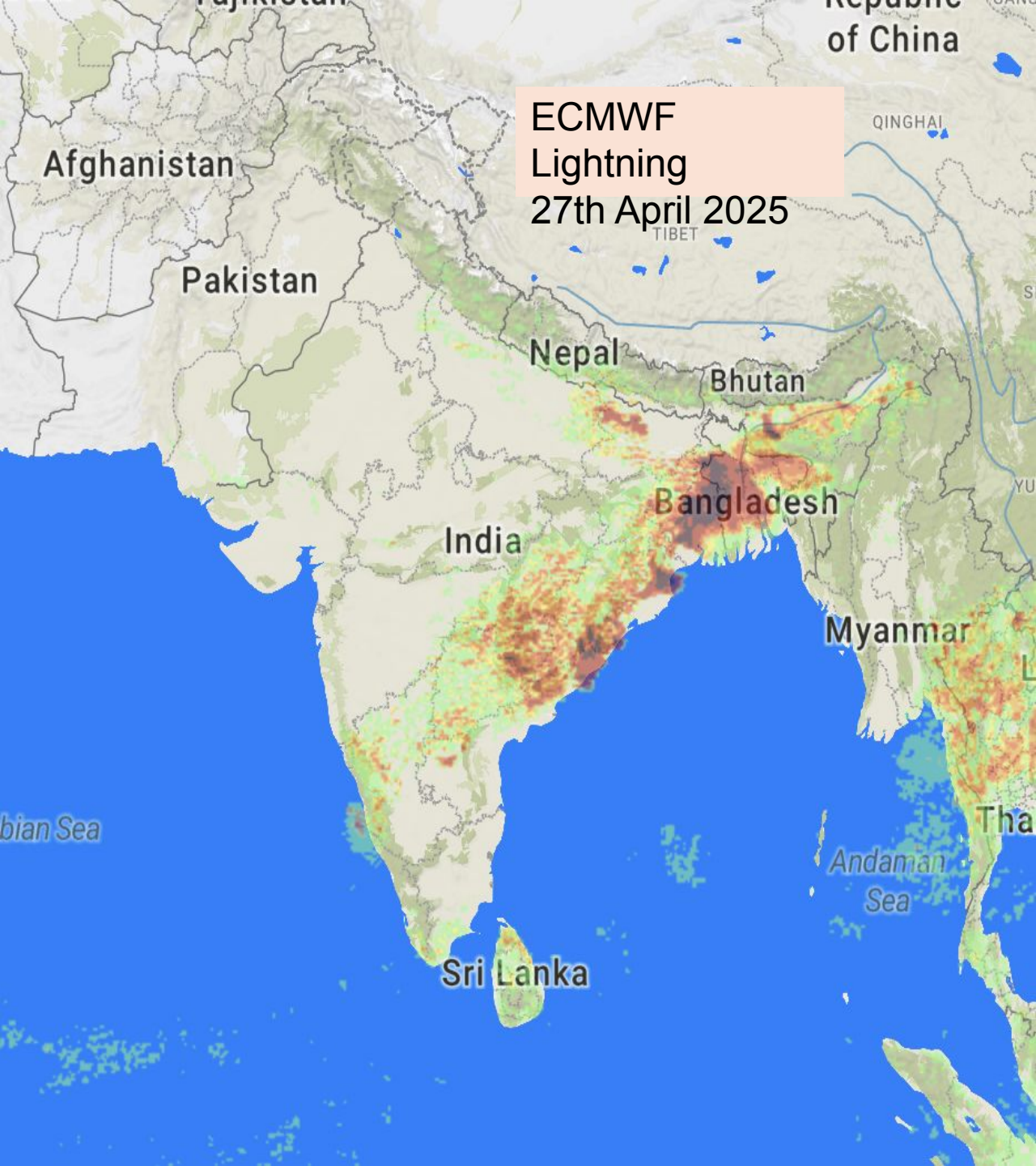
Fog	Fog freezing	Rain light	Rain moderate	Rain heavy	Thunderstorm nearby	Thunderstorm light/moderate	Thunderstorm severe
Mixed Rain/Snow light	Mixed Rain/Snow moderate/heavy	Snow light	Snow moderate	Snow heavy	Ice light	Ice moderate/heavy	

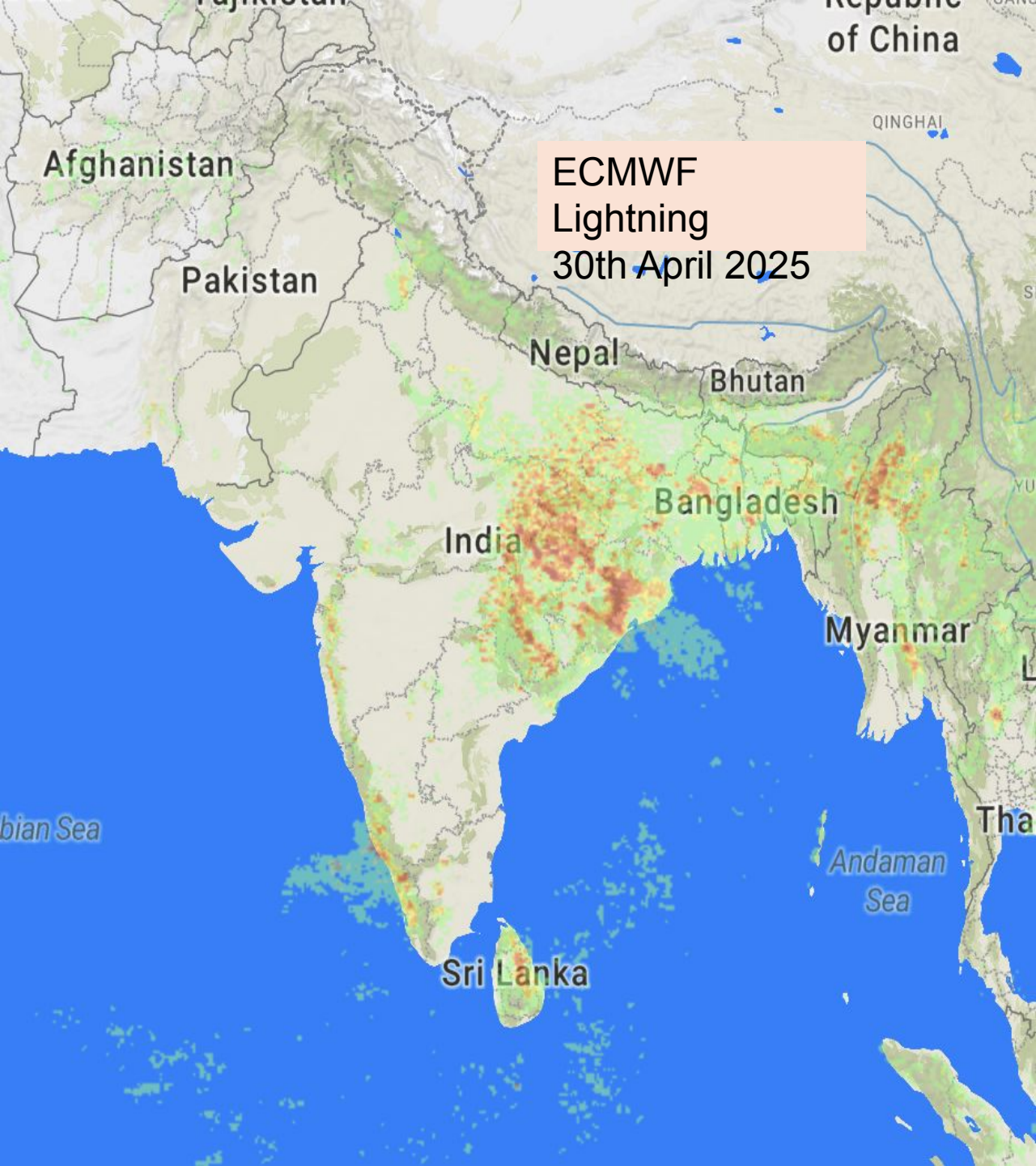
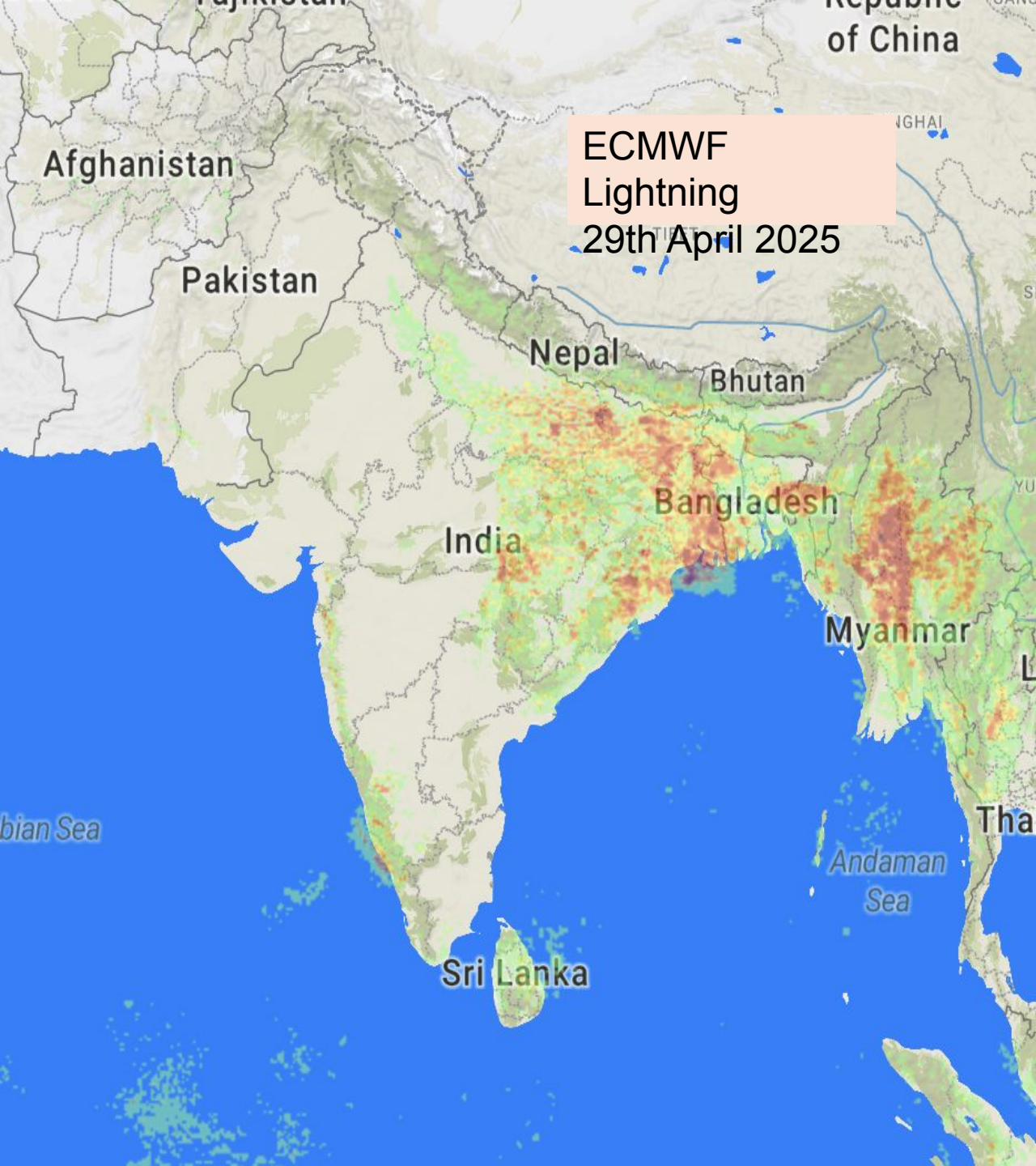
Significant Weather

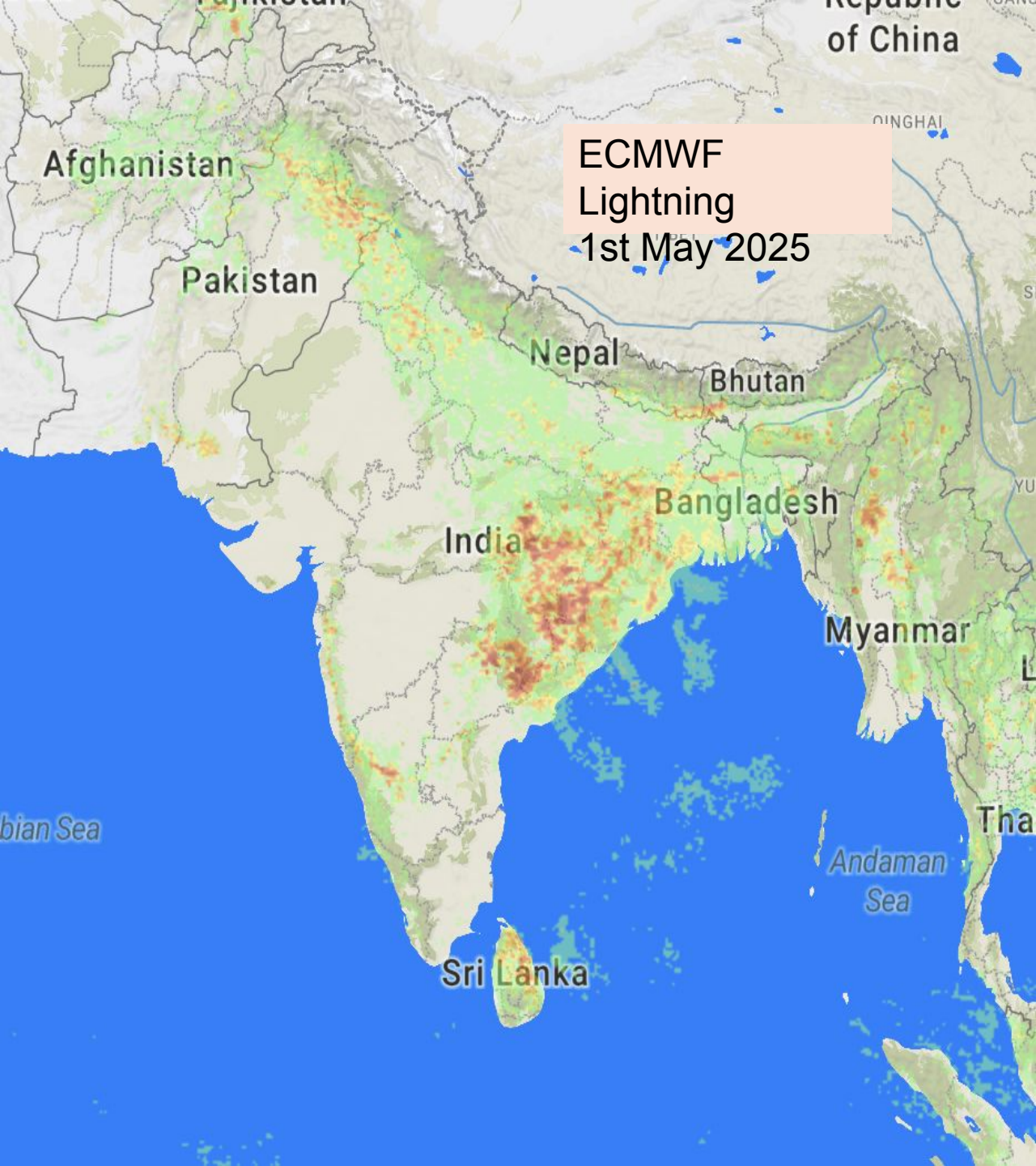
Valid for Thu 05/01/2025, 05:30pm IST

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	

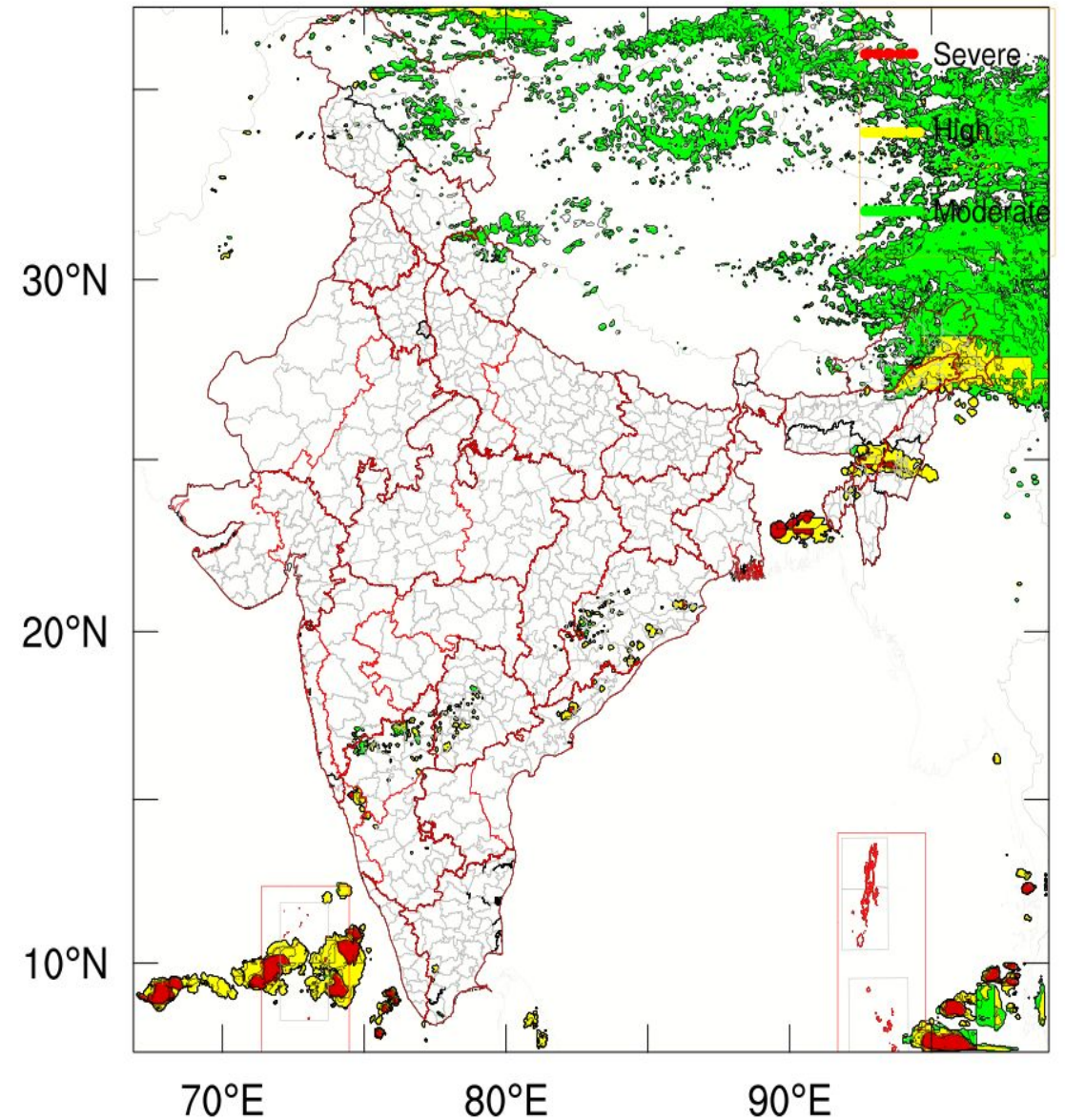




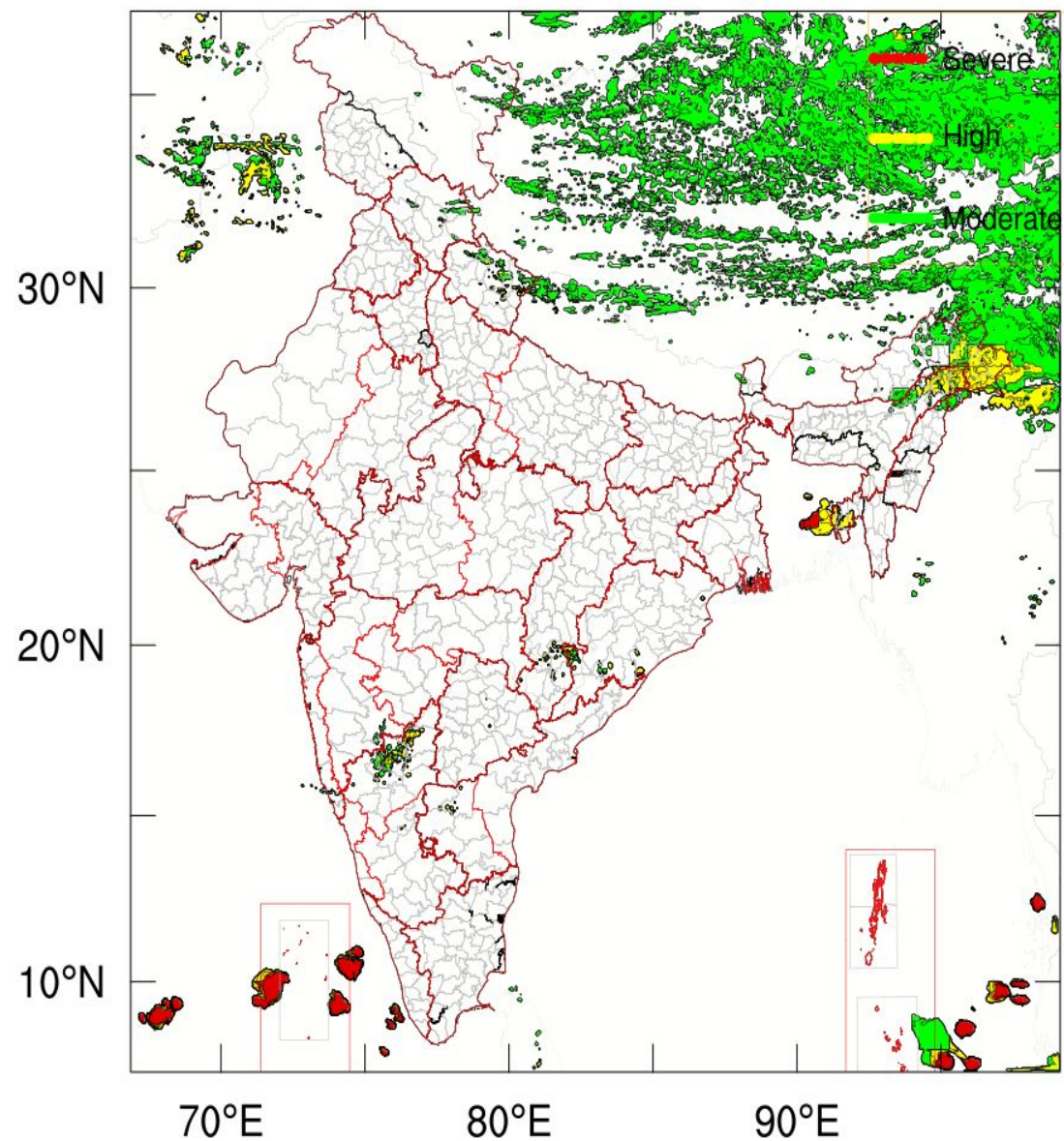




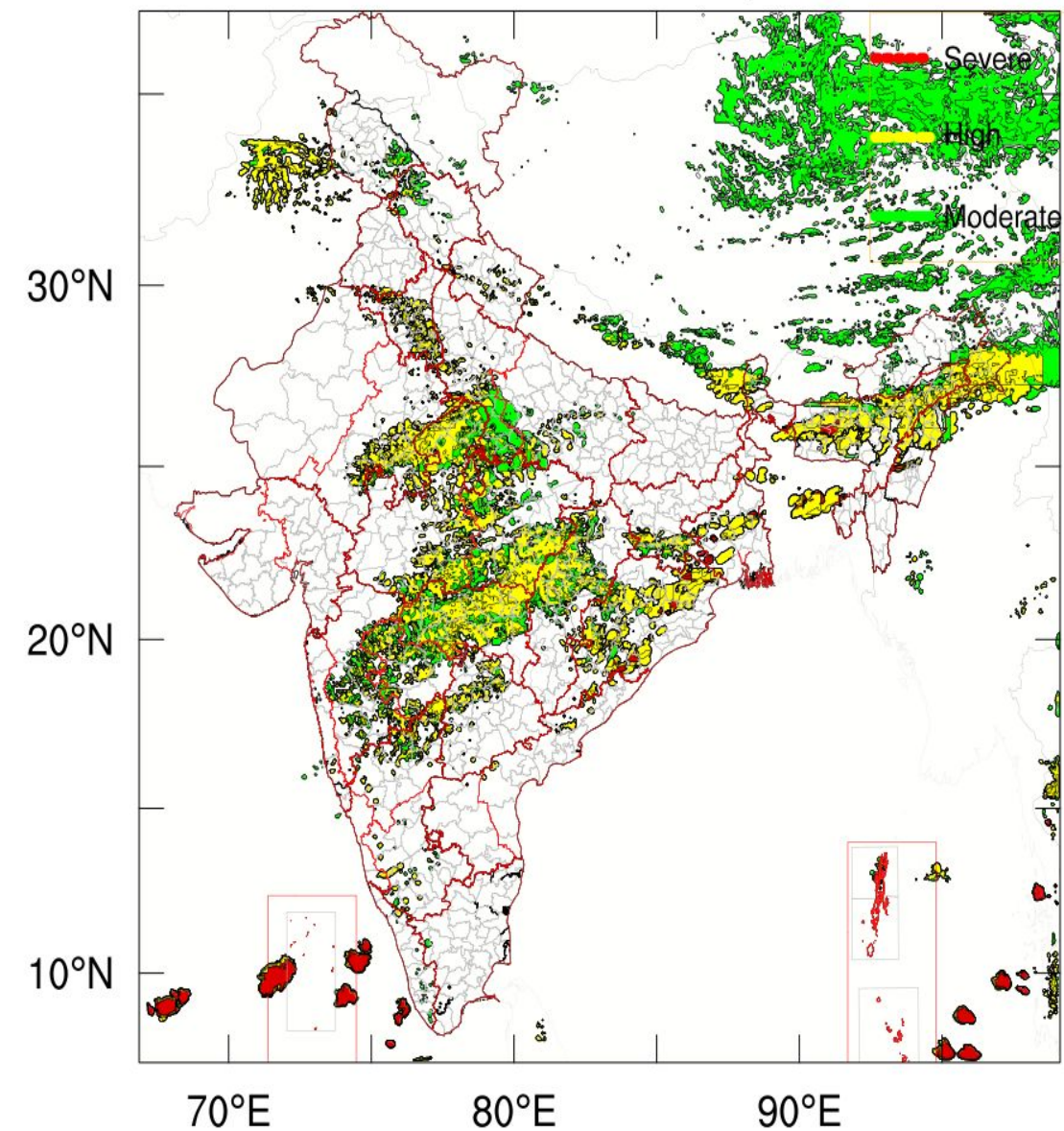
EWRf (3km): Accumulated Lightning Density forecast for 2025-04-24(24hr)
Based on IC 00 UTC of 2025-04-24 valid upto 00 UTC of 2025-04-25

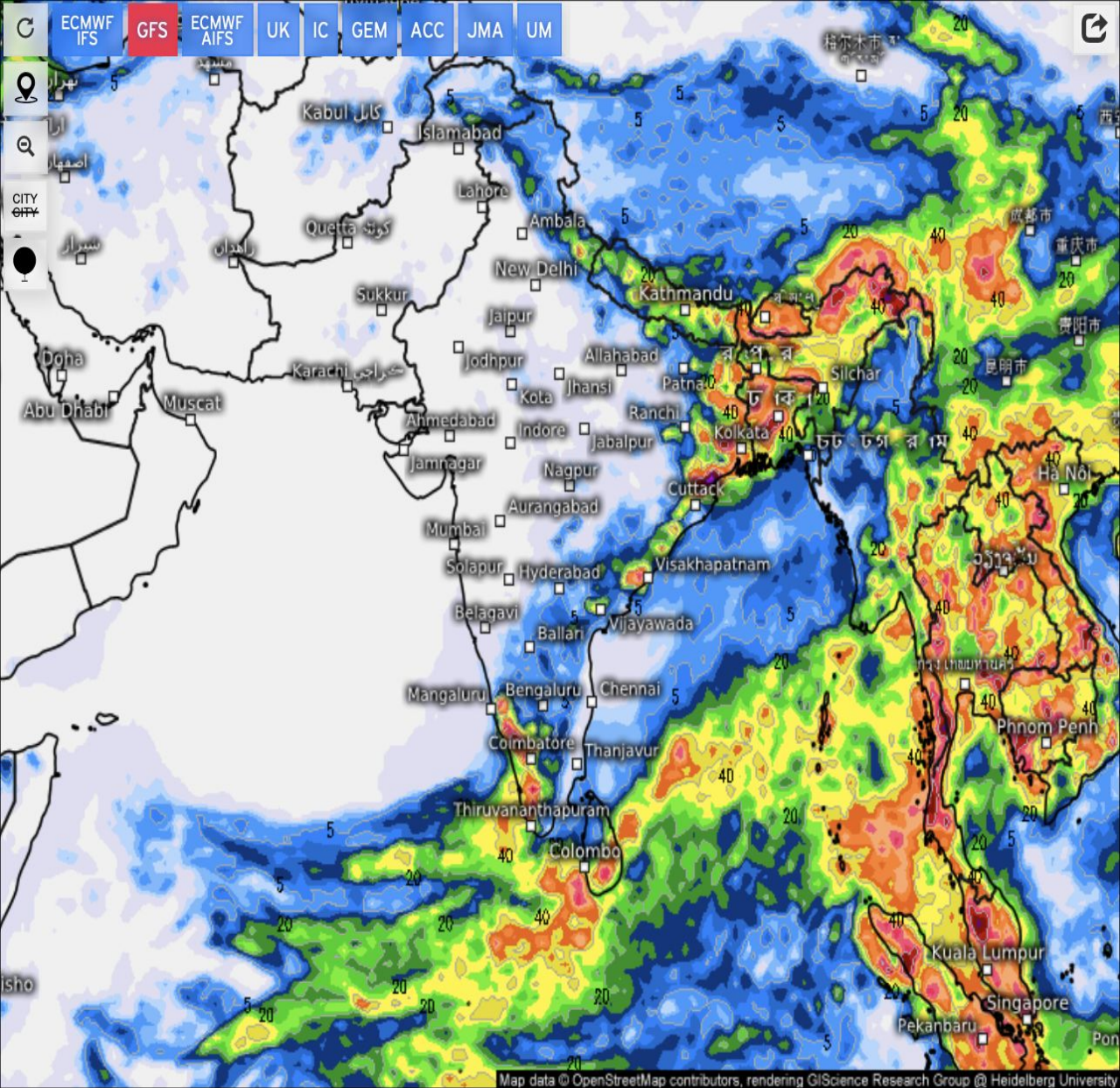
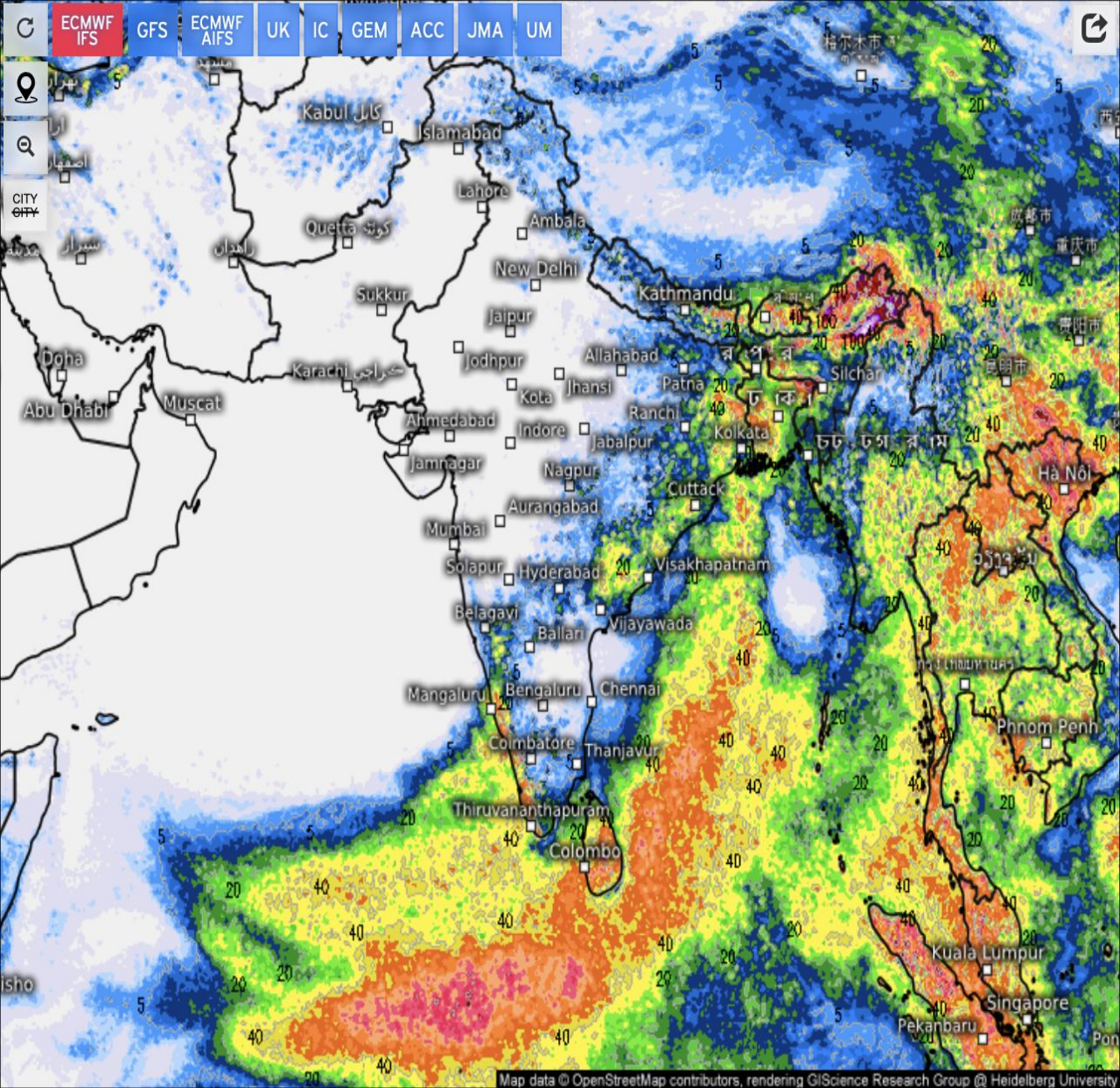


EWRF (3km): Accumulated Lightning Density Forecast for 2025-04-25(48hr)
Based on IC 00 UTC of 2025-04-24 valid upto 00 UTC of 2025-04-26



EWRF (3km): Accumulated Lightning Density Forecast for 2025-04-26(72 hr)
Based on IC 00 UTC of 2025-04-24 valid upto 00 UTC of 2025-04-27



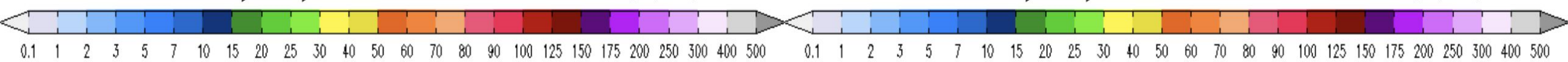


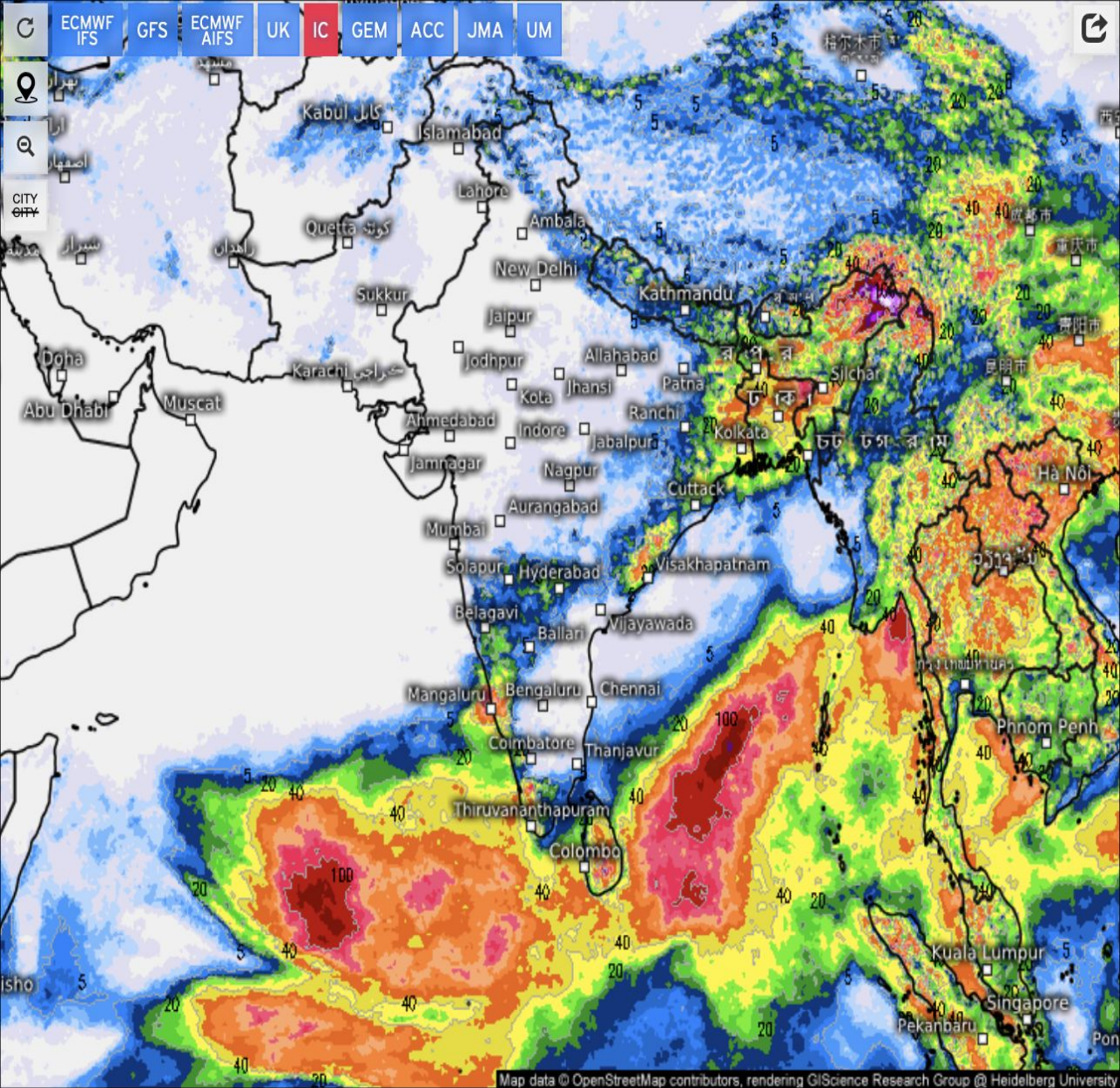
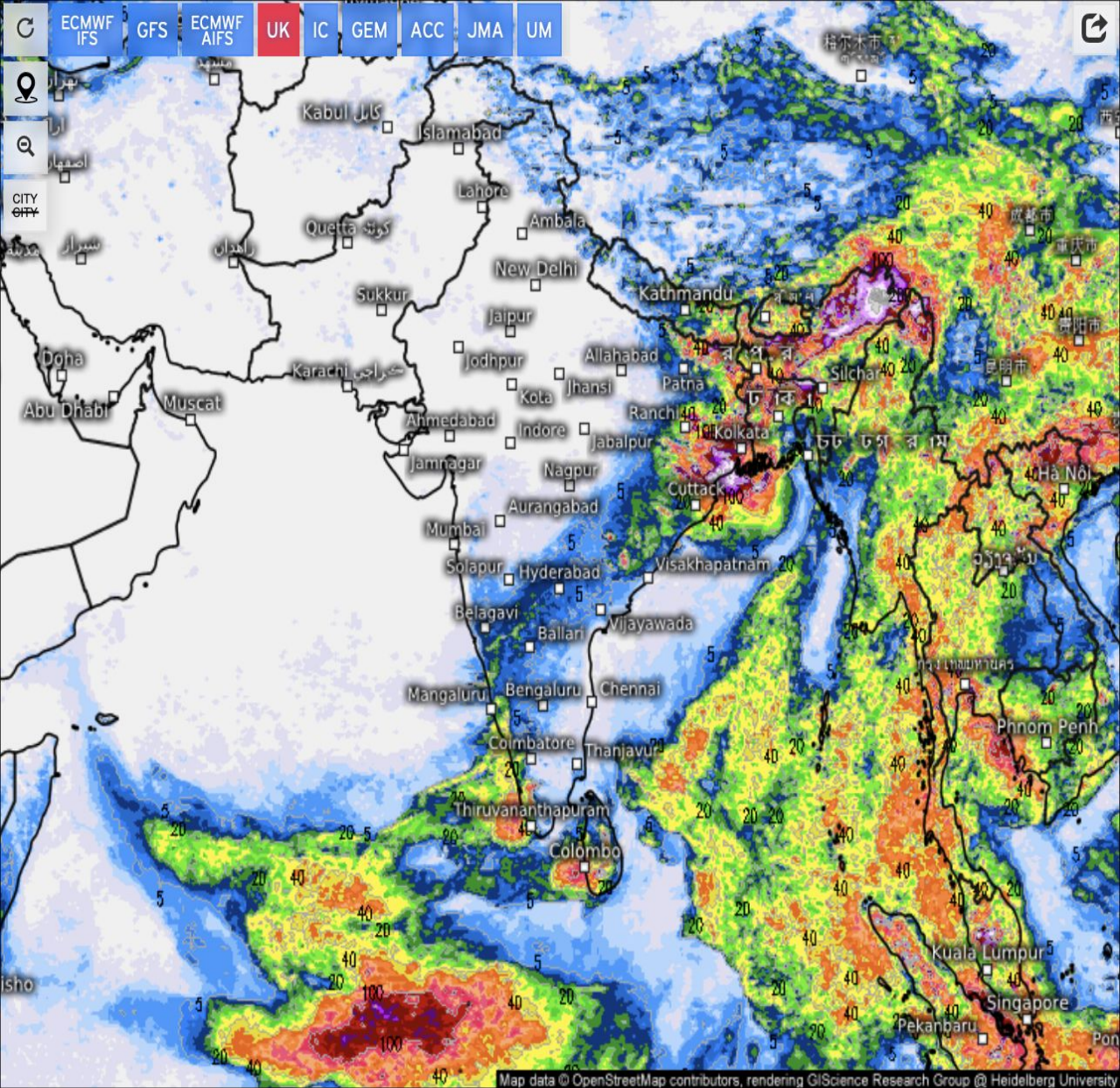
Accumulated total precipitation (mm) ⓘ

From Thu 04/24/2025, 05:30am IST
to Thu 05/01/2025, 05:30am IST

Accumulated total precipitation (mm) ⓘ

From Thu 04/24/2025, 05:30am IST
to Thu 05/01/2025, 05:30am IST



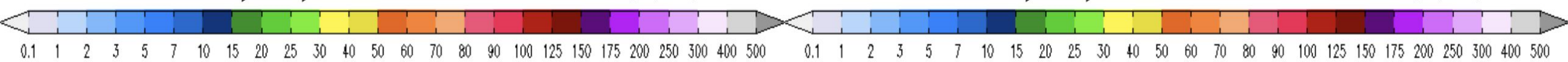


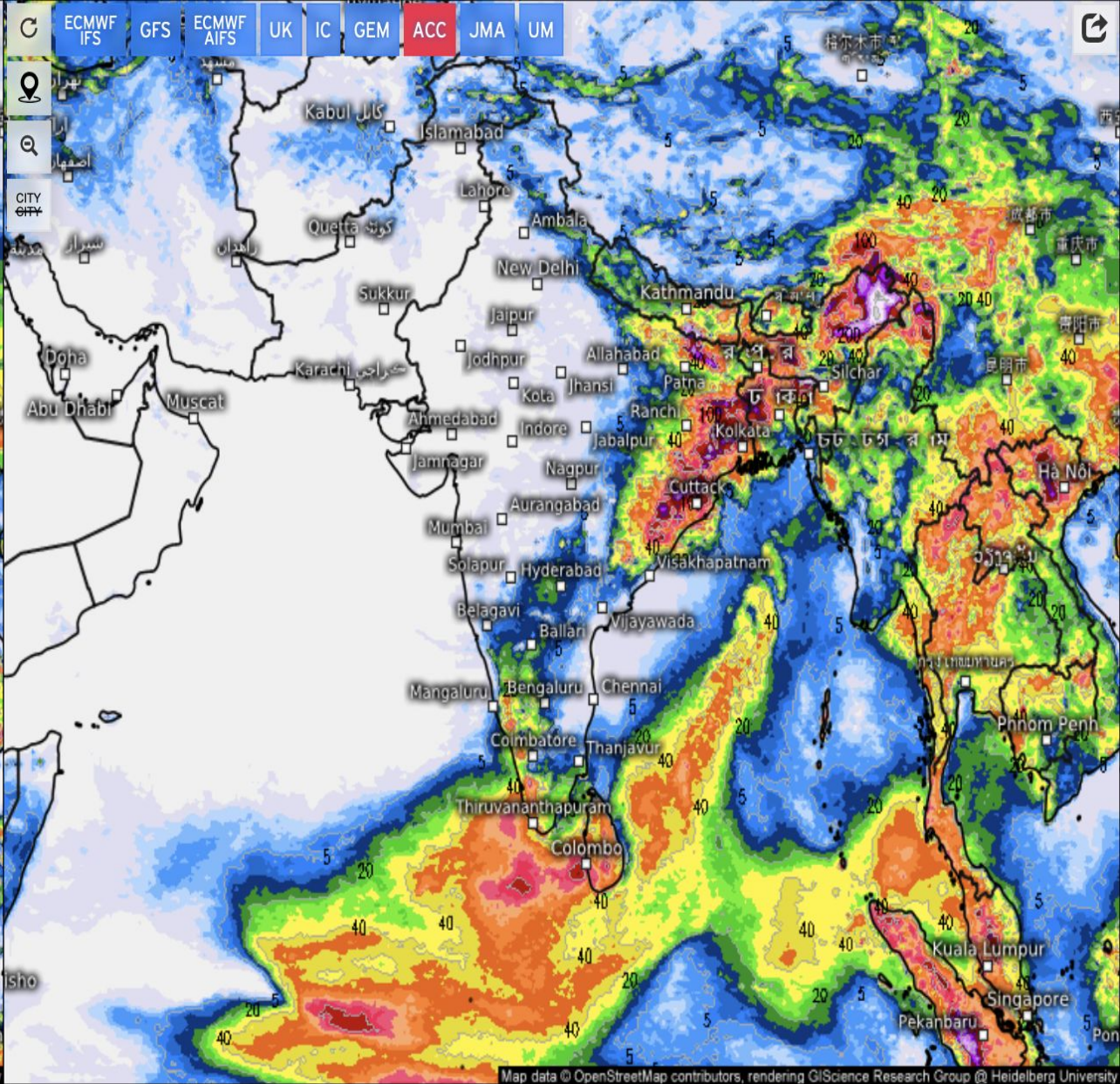
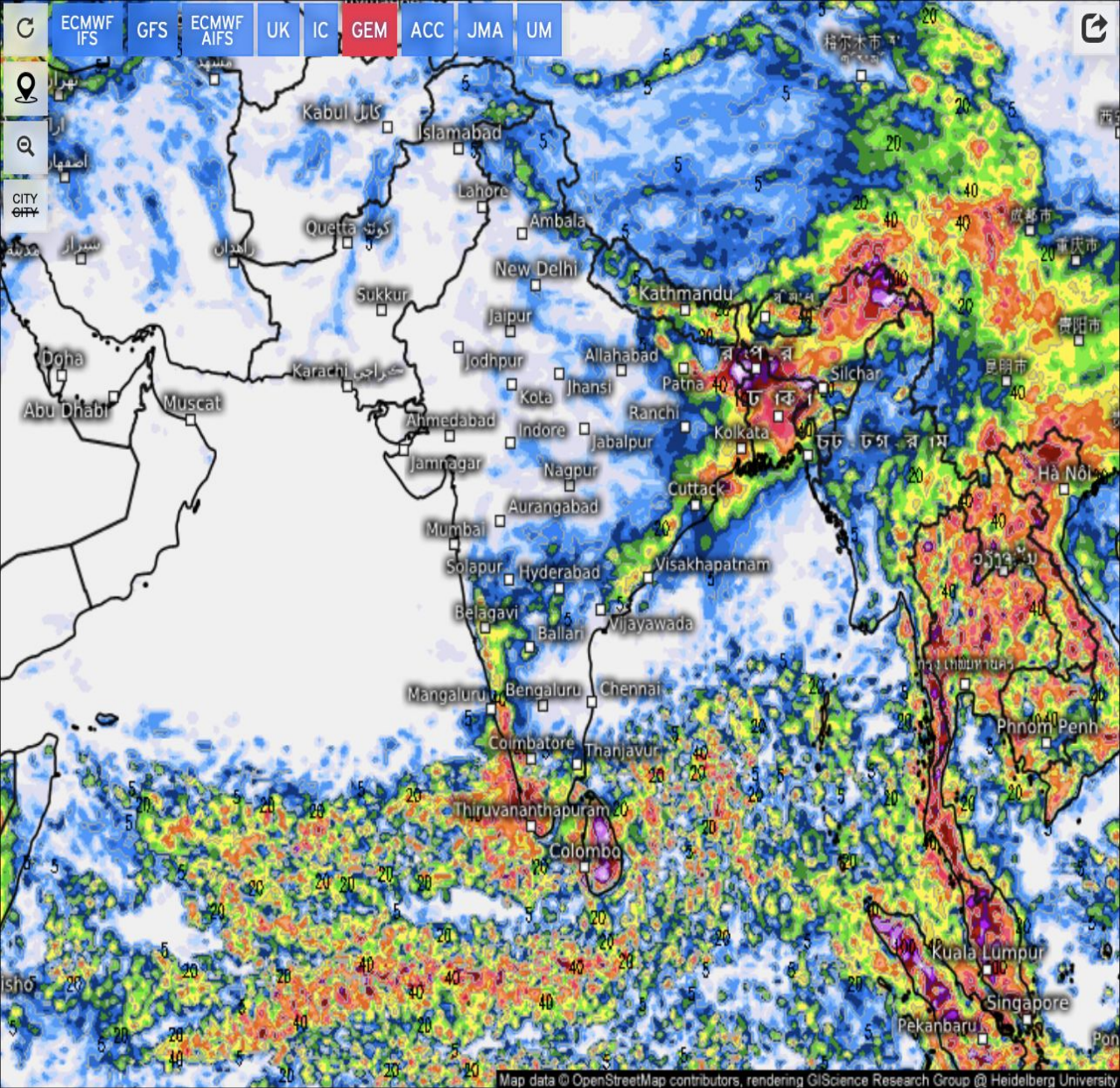
Accumulated total precipitation (mm)

From Thu 04/24/2025, 05:30am IST
to Thu 05/01/2025, 05:30am IST

Accumulated total precipitation (mm) 

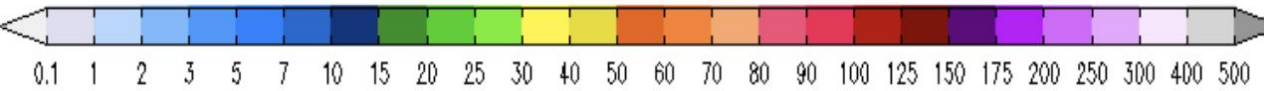
From Thu 04/24/2025, 05:30am IST
to Thu 05/01/2025, 05:30am IST





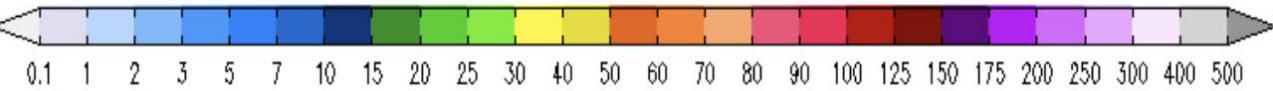
Accumulated total precipitation (mm) ⓘ

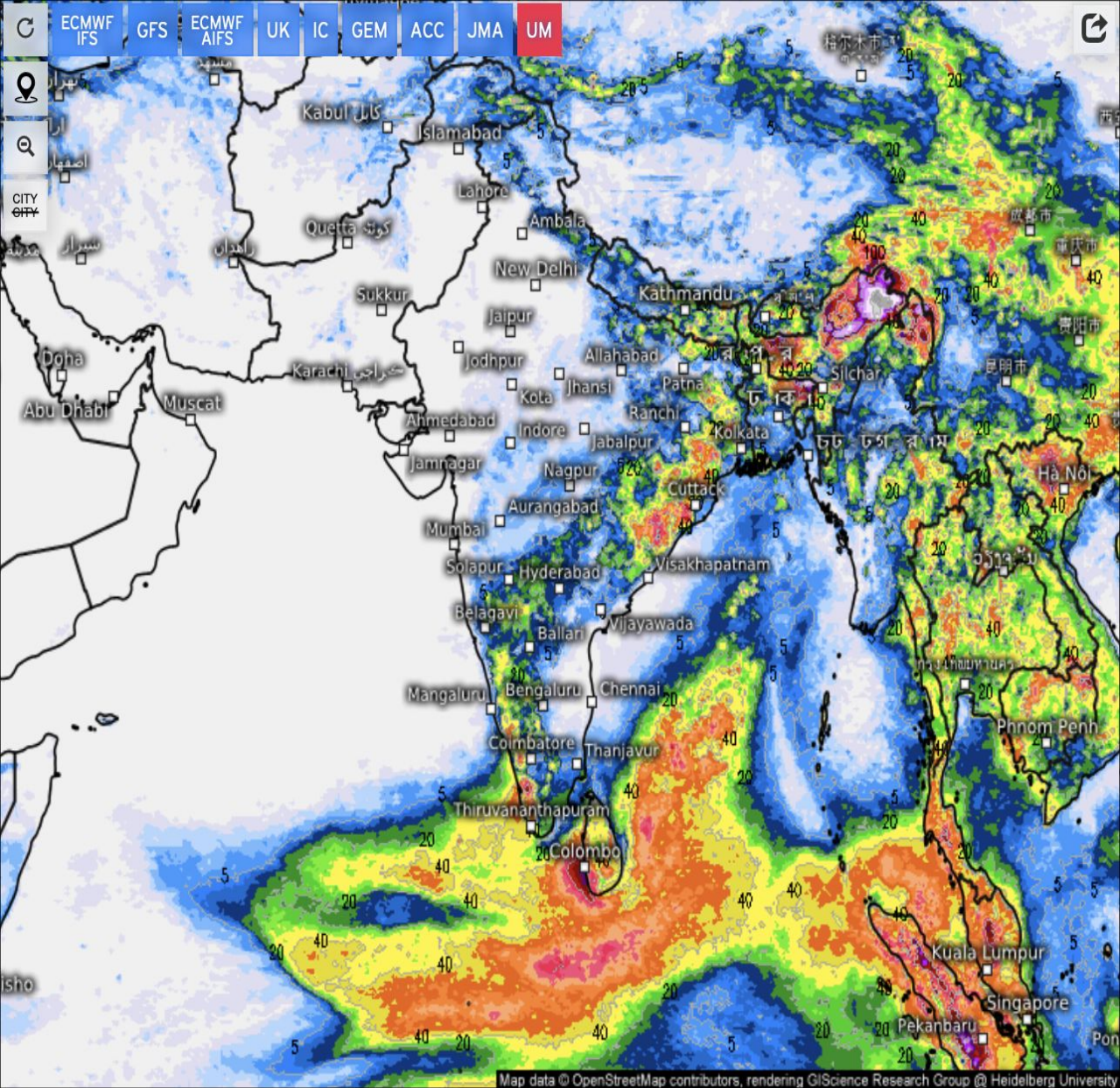
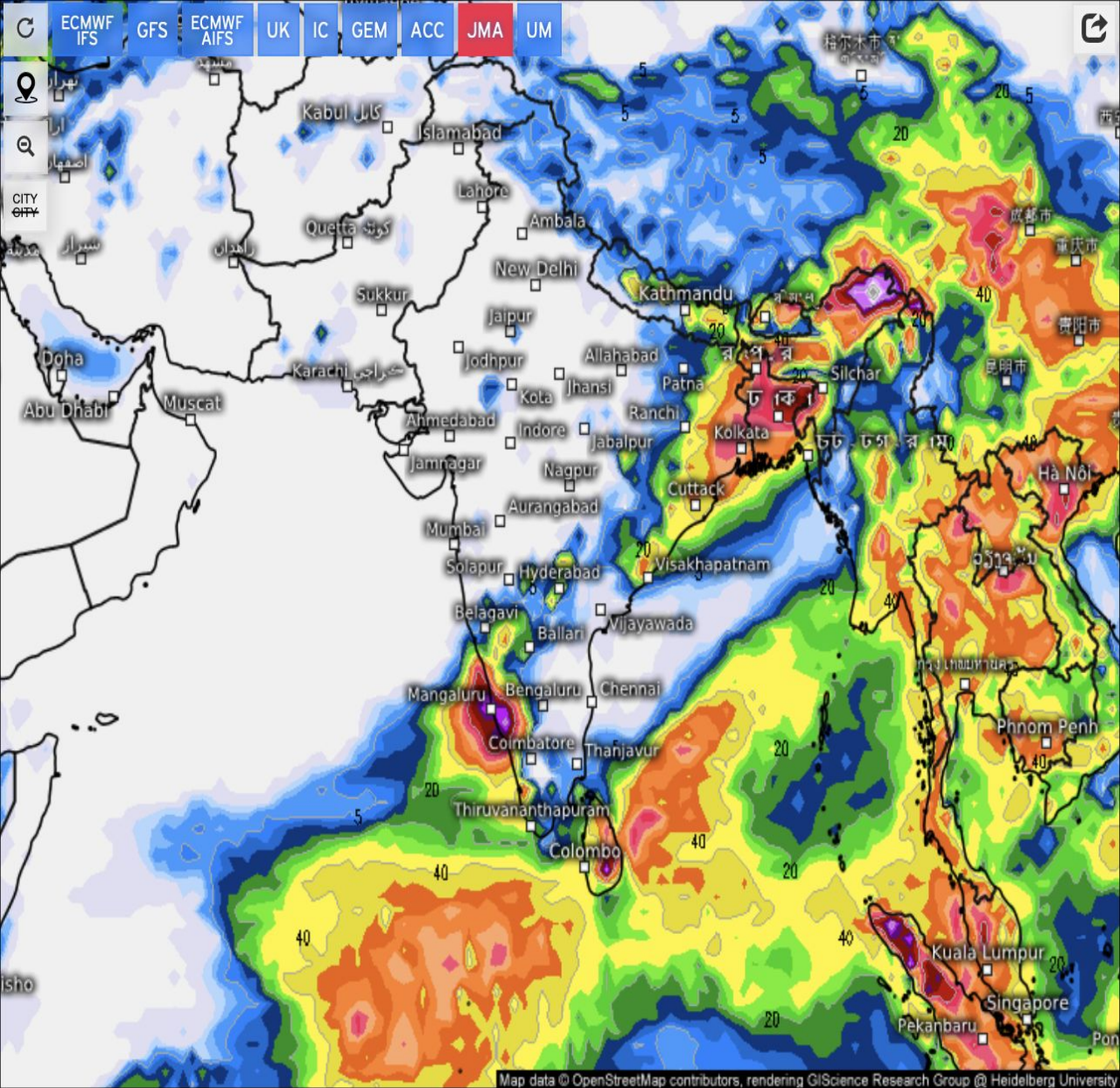
From Thu 04/24/2025, 05:30am IST
to Thu 05/01/2025, 05:30am IST



Accumulated total precipitation (mm) ⓘ

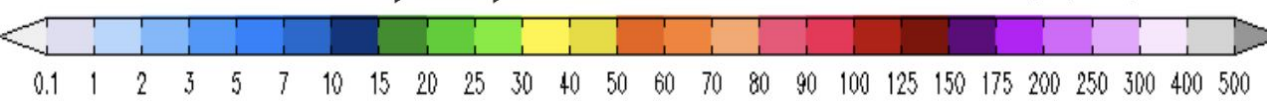
From Thu 04/24/2025, 05:30am IST
to Thu 05/01/2025, 05:30am IST





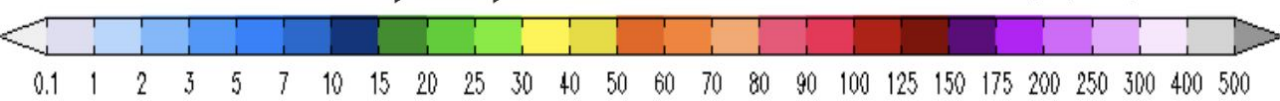
Accumulated total precipitation (mm)

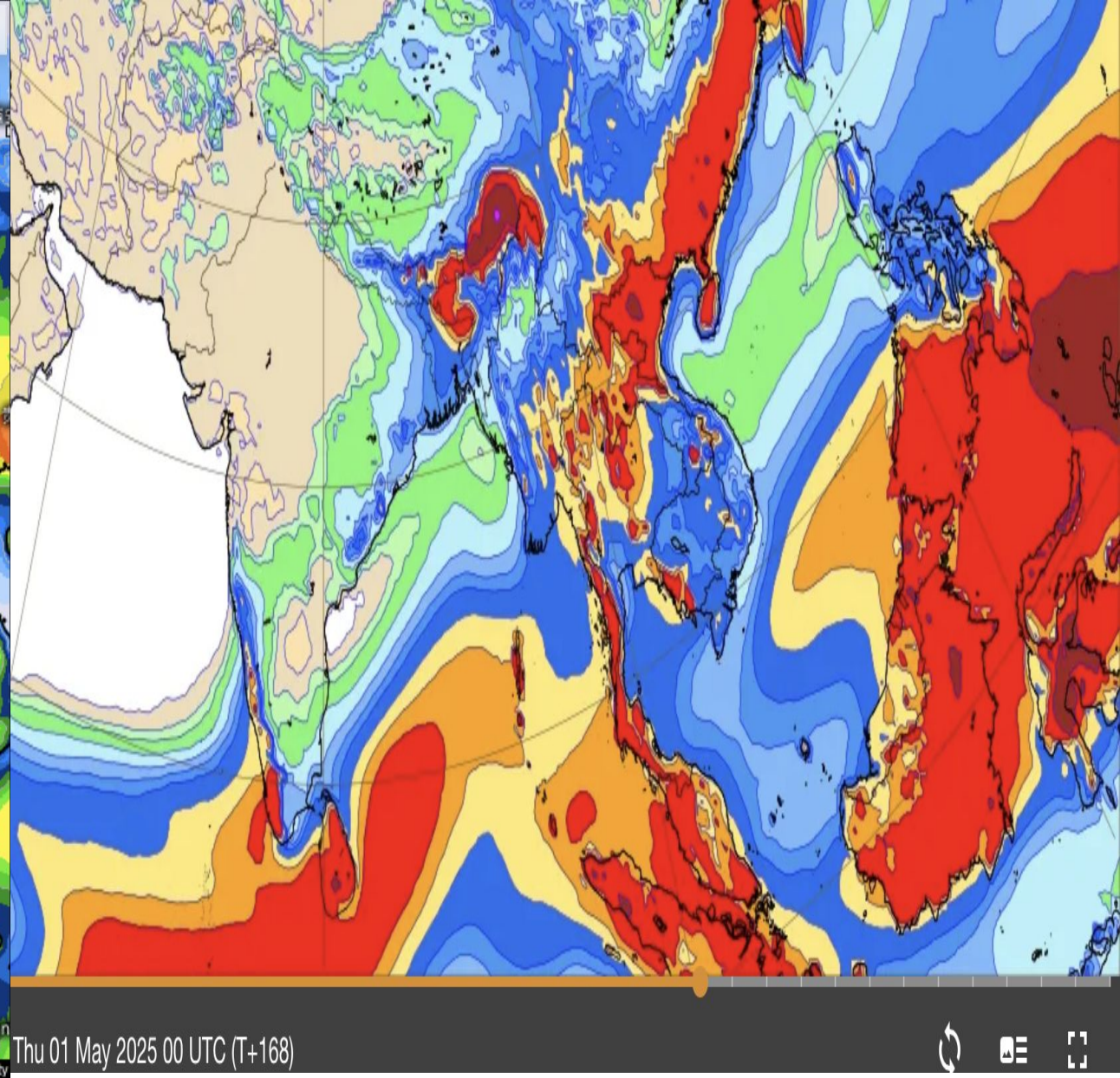
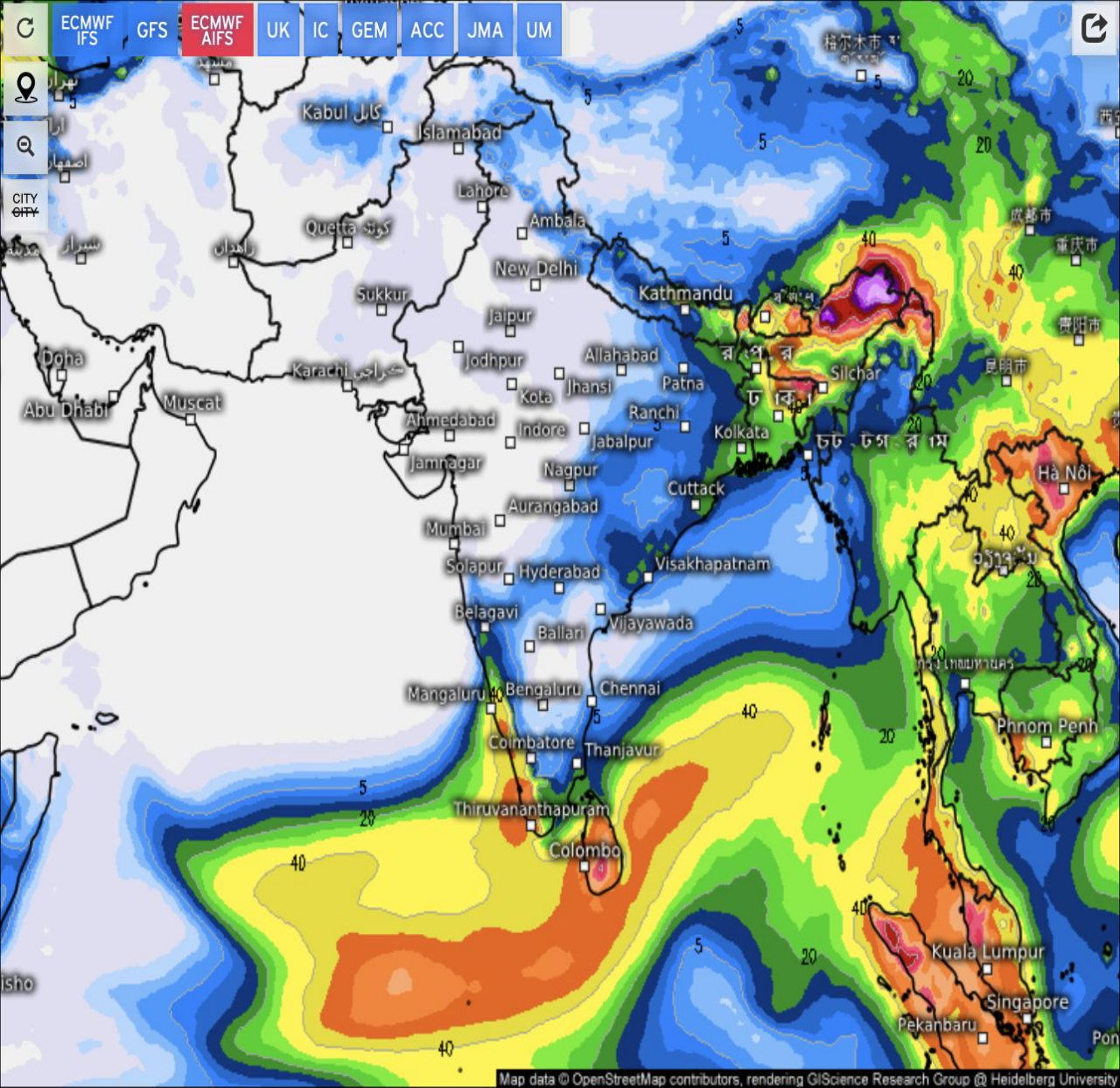
From Wed 04/23/2025, 05:30pm IST
to Thu 05/01/2025, 05:30am IST



Accumulated total precipitation (mm)

From Wed 04/23/2025, 05:30pm IST
to Thu 05/01/2025, 05:30am IST

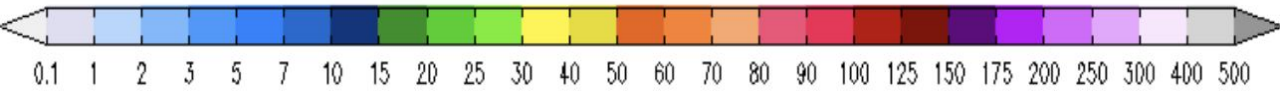


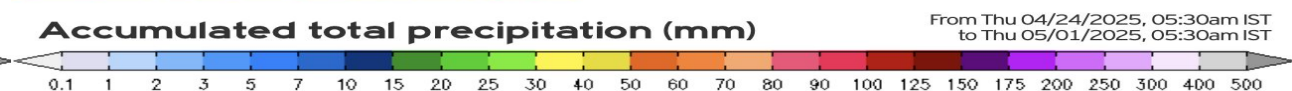
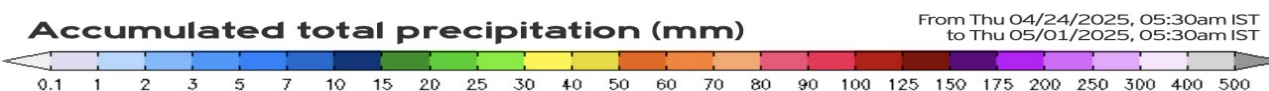
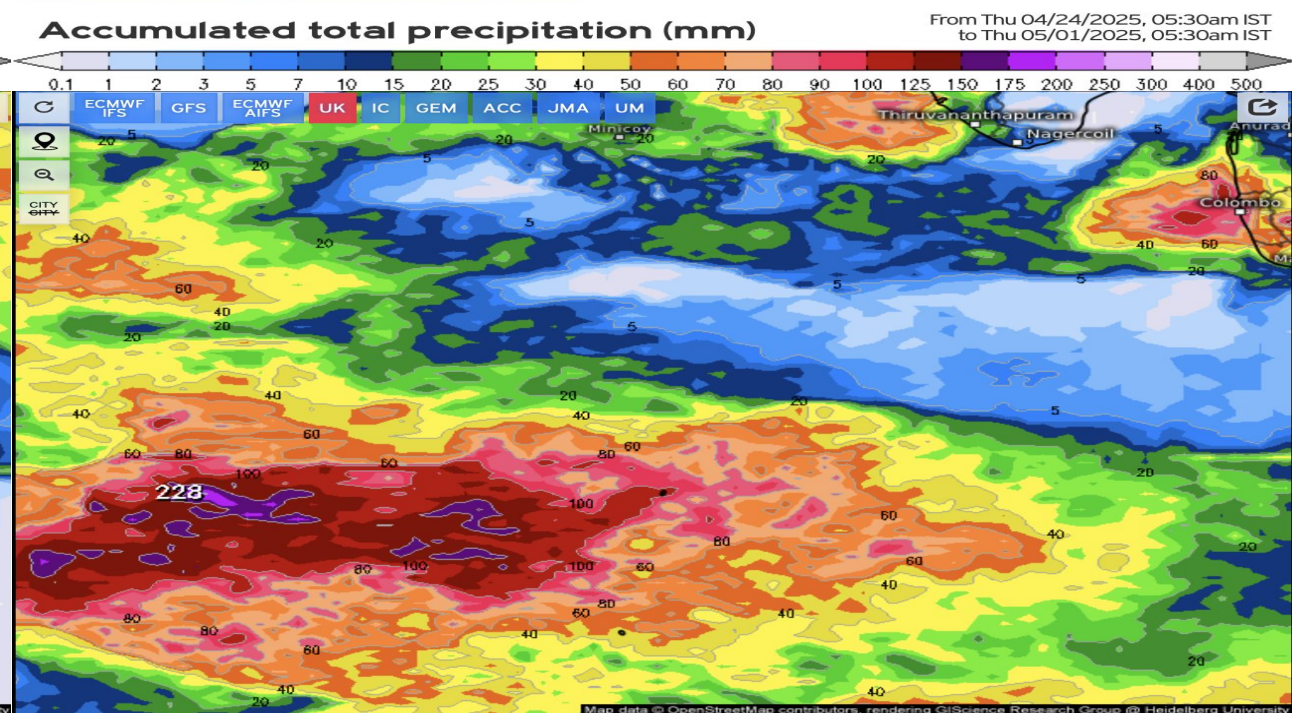
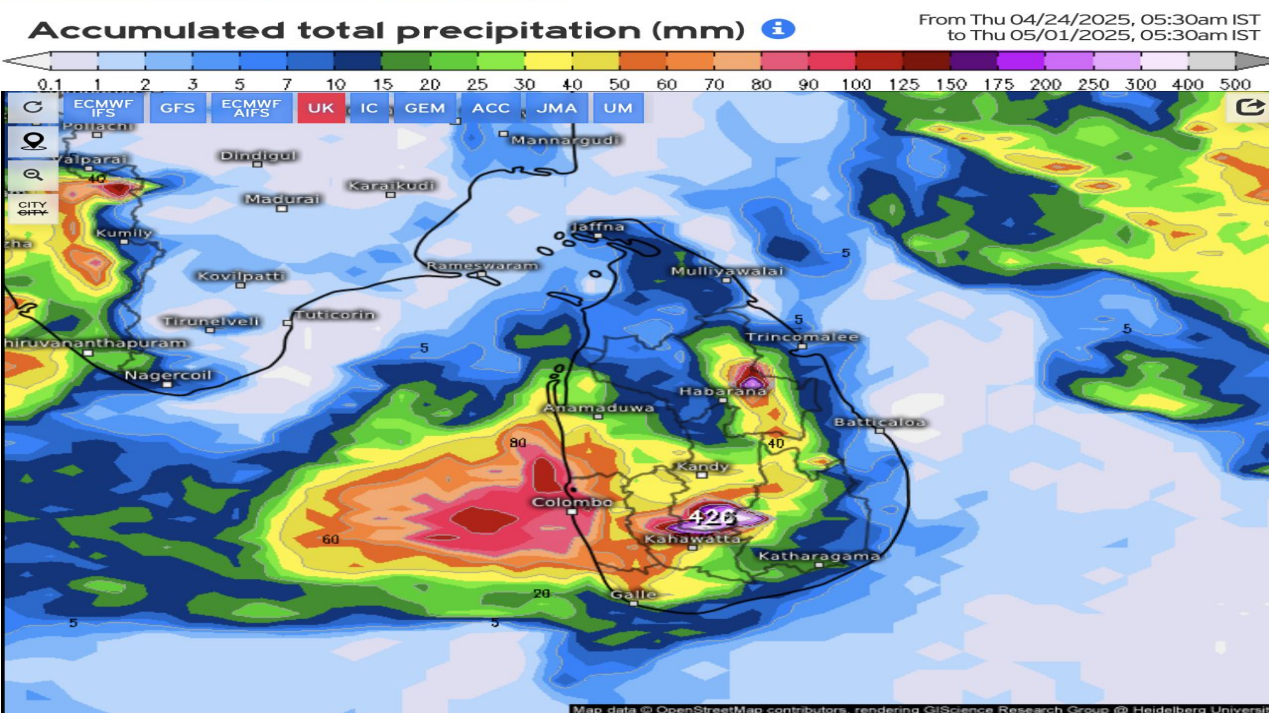
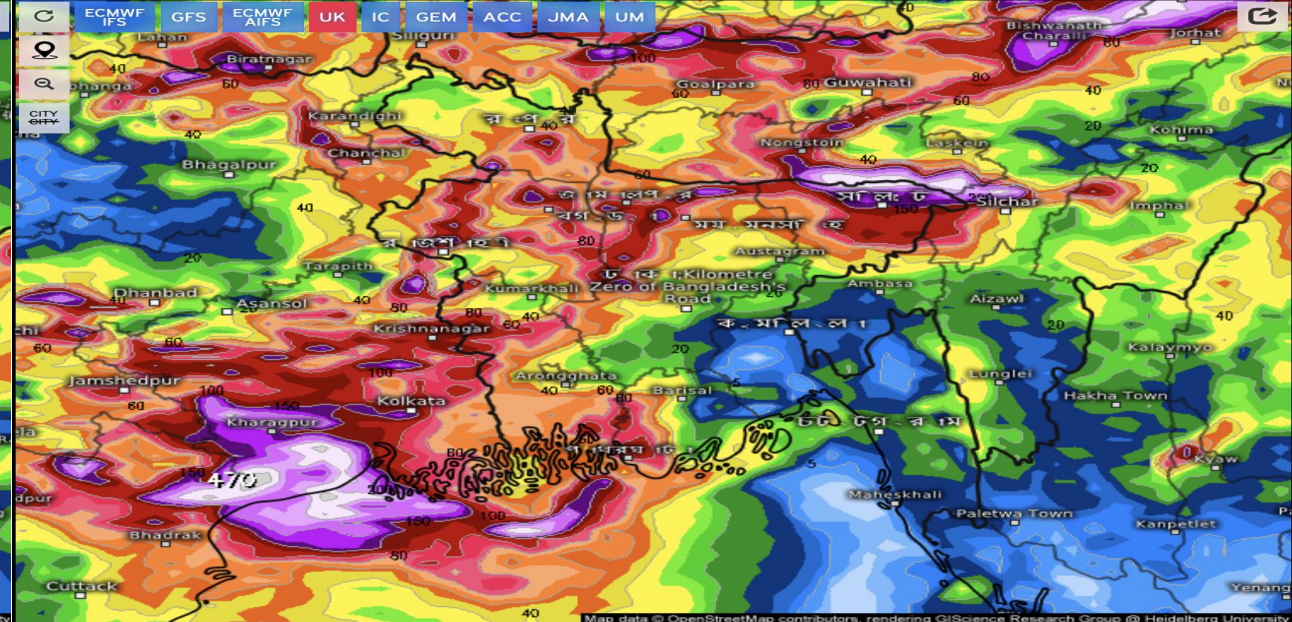
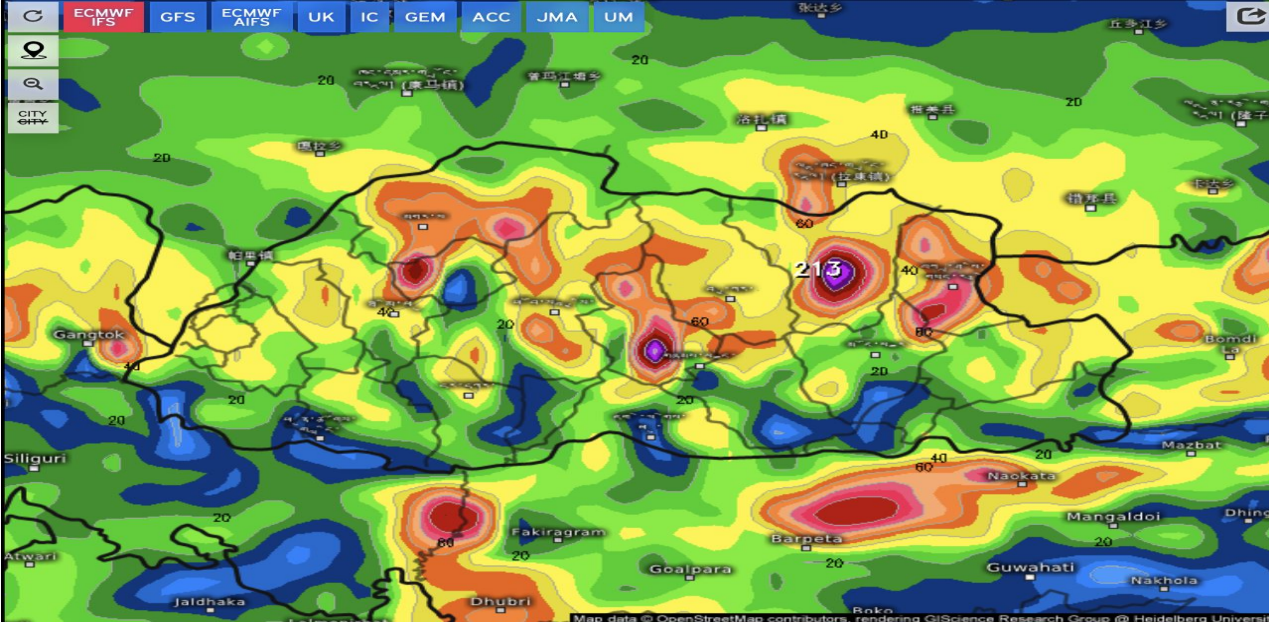


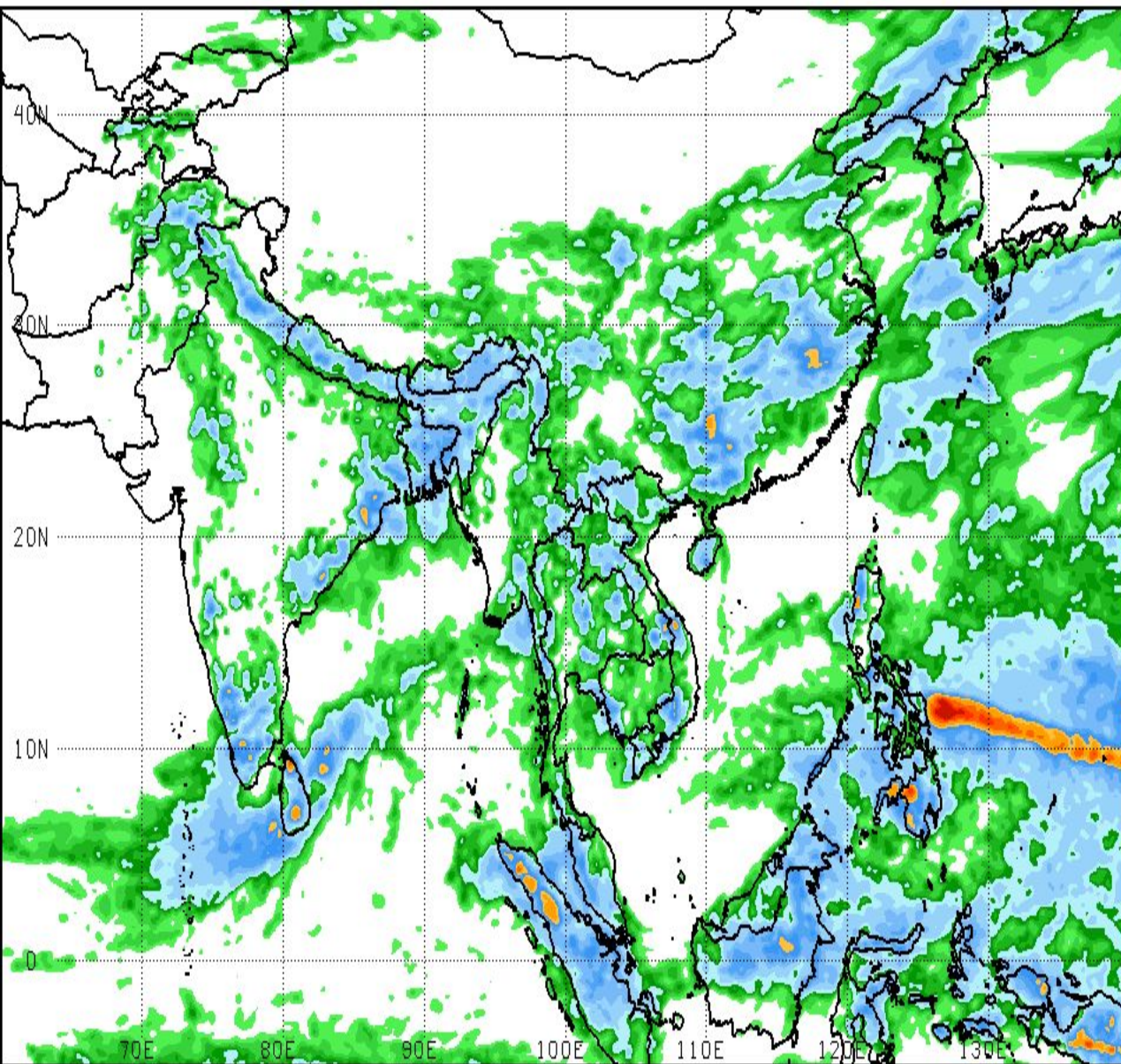
Accumulated total precipitation (mm)

From Thu 04/24/2025, 05:30am IST
to Thu 05/01/2025, 05:30am IST

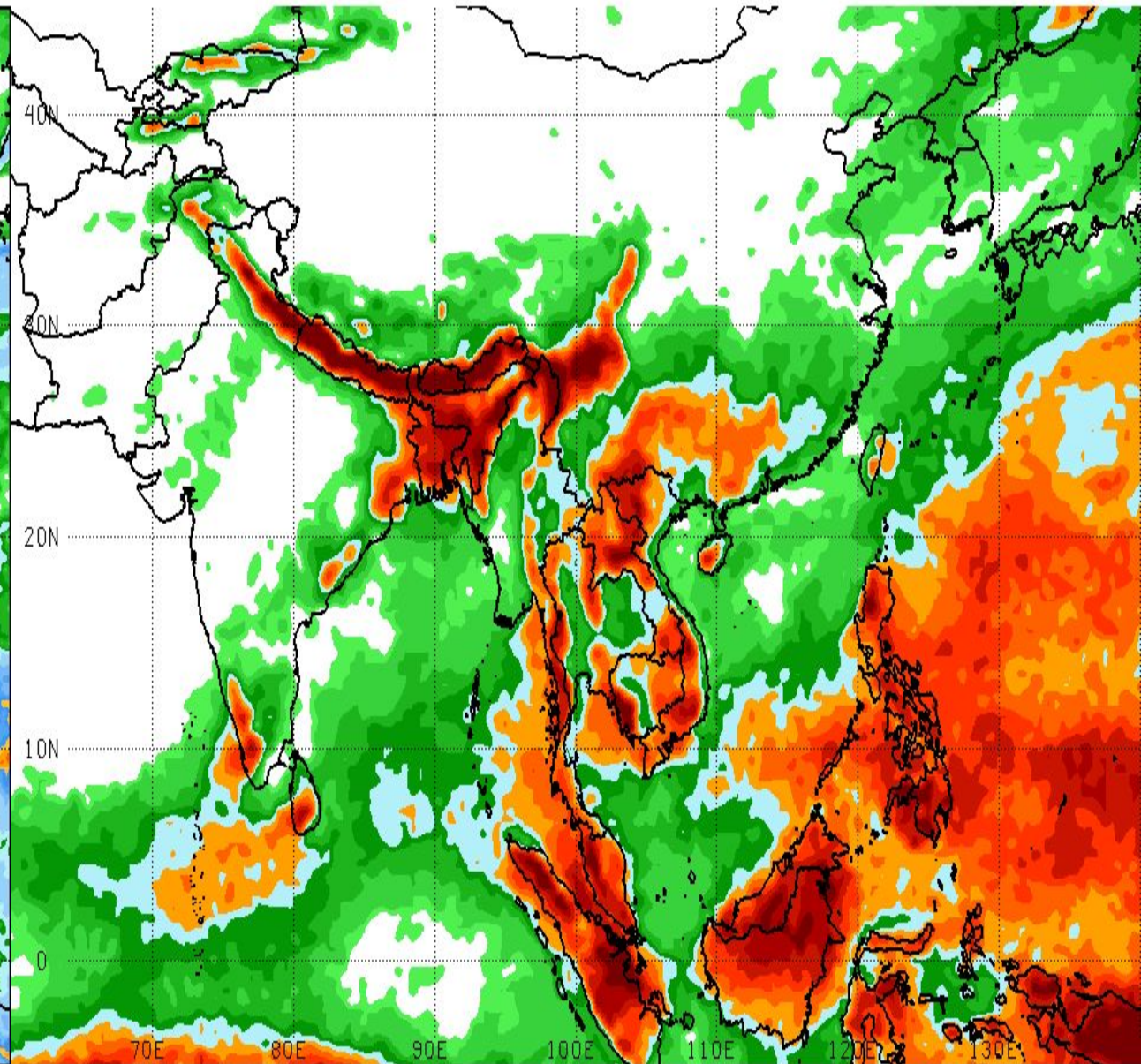
Experimental: GraphCast (Google Deepmind) ML model: Total accumulated precipitation (mm)







NOAA GFS 20250423 t00z cycle FCST week2 Total Precip (mm) VALID 2025050700Z

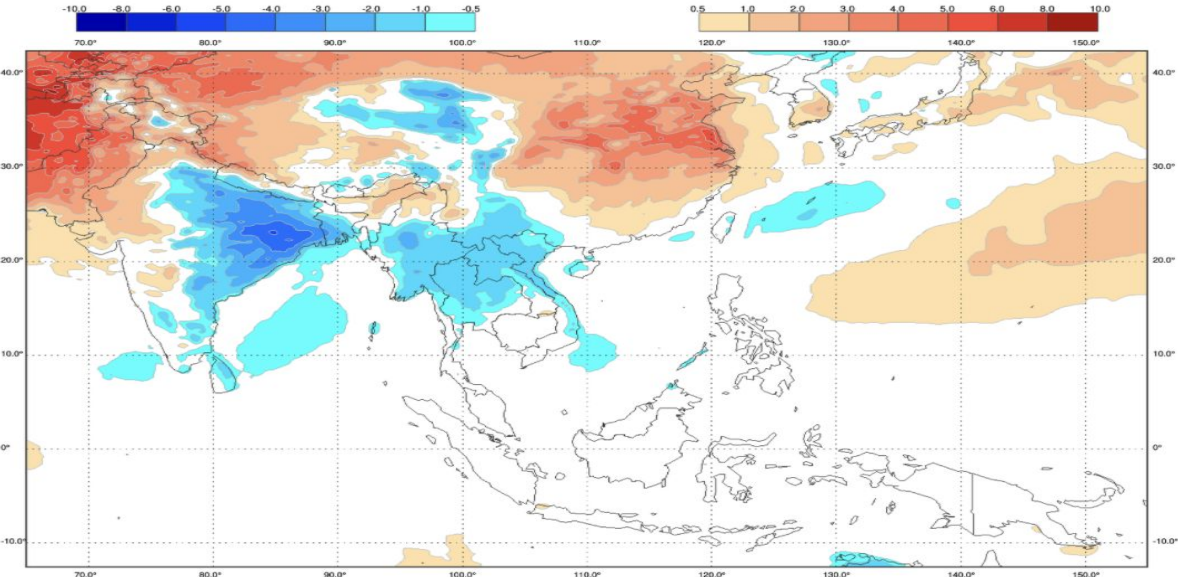


NOAA GFS 20250423 00zCYC FCST Probability of Week2 Precip > 25mm VALID 20250507/0000V336



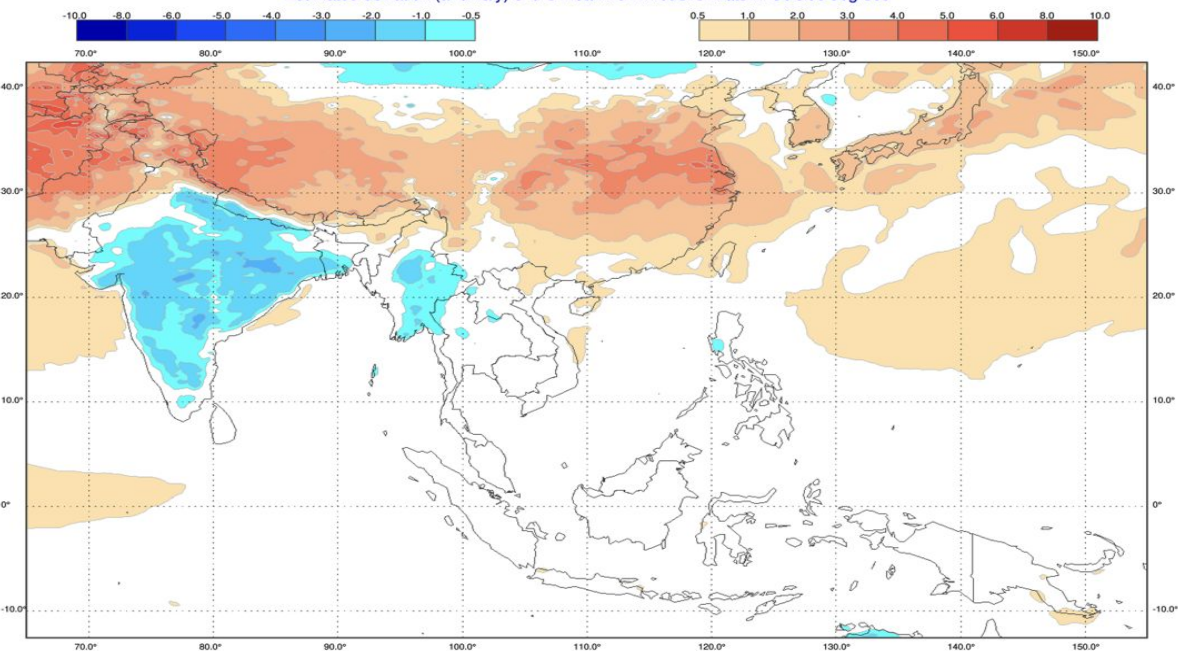
Monthly Temperature (T2m) Anomalies valid for week: from 28 April to 04 May 2025

Map processed by EFFIS System based on ECMWF Monthly Forecast System initiated on 23 April 2025
Estimated deviation (anomaly) of the mean from model climate in Celsius degrees



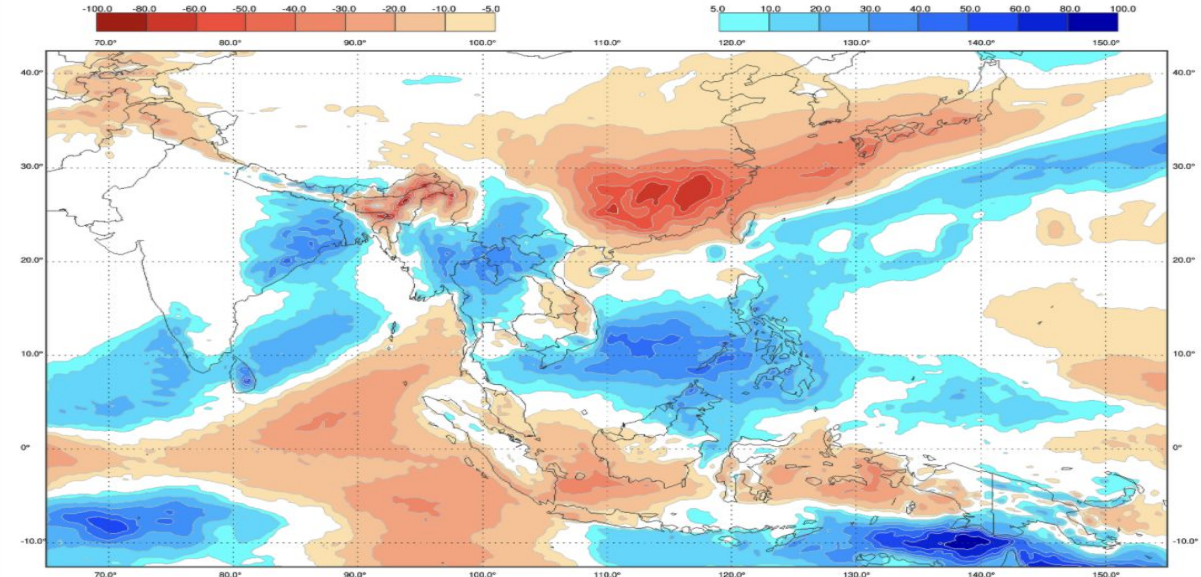
Monthly Temperature (T2m) Anomalies valid for week: from 05 to 11 May 2025

Map processed by EFFIS System based on ECMWF Monthly Forecast System initiated on 23 April 2025
Estimated deviation (anomaly) of the mean from model climate in Celsius degrees



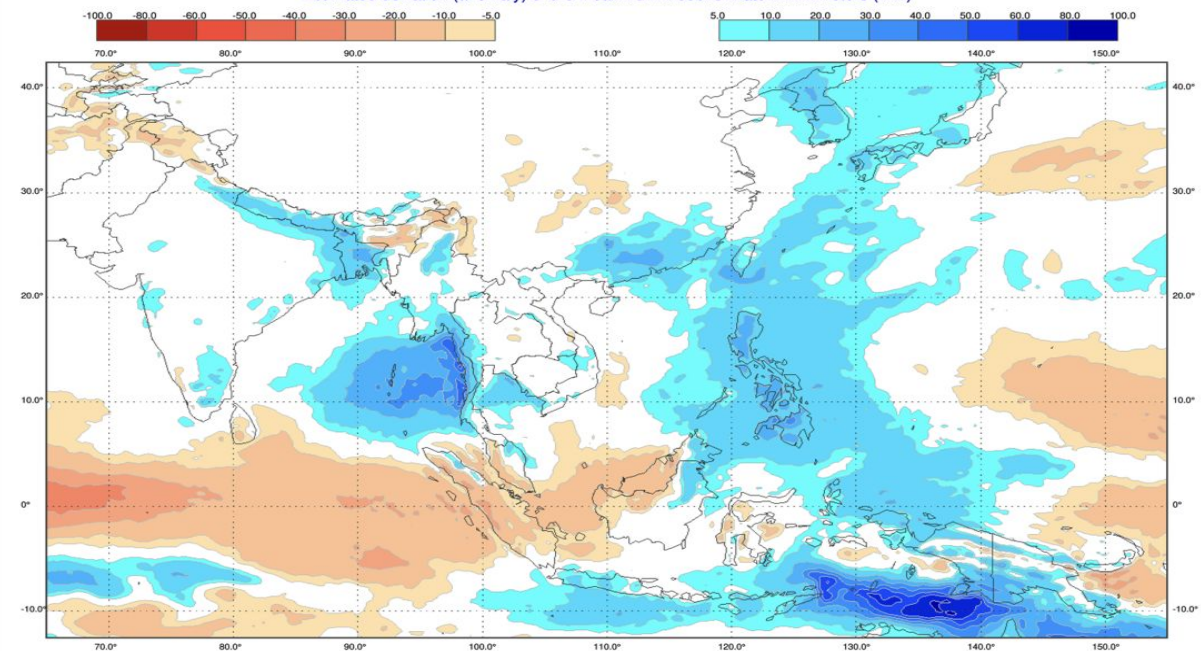
Monthly Rain Anomalies valid for week: from 28 April to 04 May 2025

Map processed by EFFIS System based on ECMWF Monthly Forecast System initiated on 23 April 2025
Estimated deviation (anomaly) of the mean from model climate in millimeters (mm)



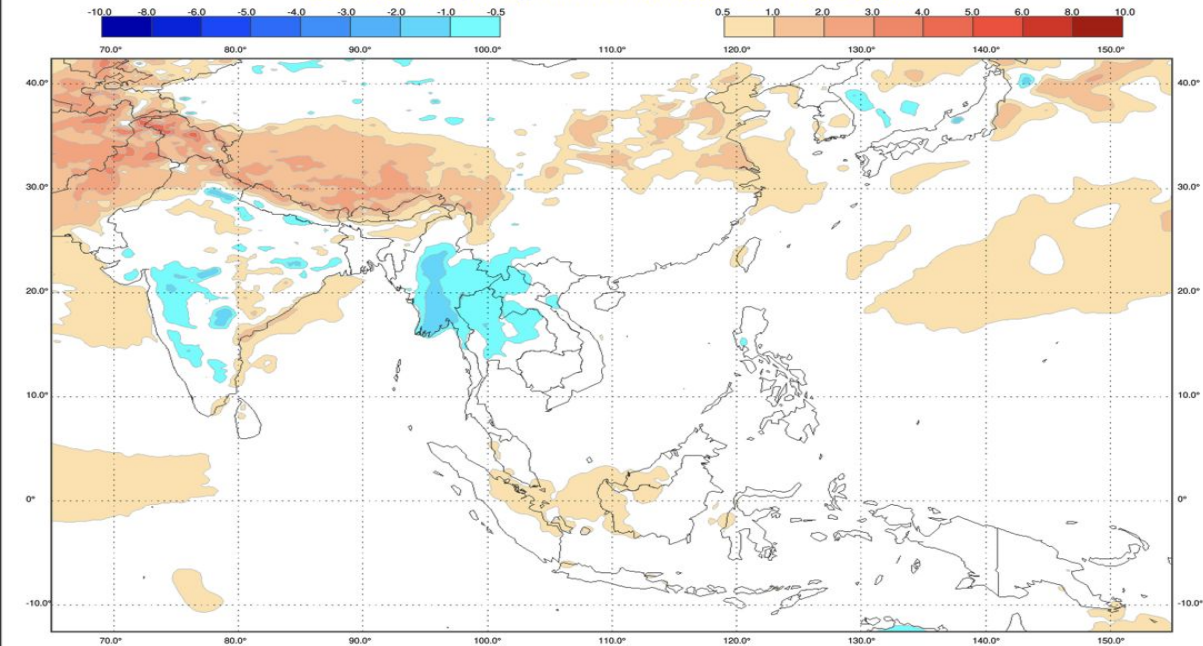
Monthly Rain Anomalies valid for week: from 05 to 11 May 2025

Map processed by EFFIS System based on ECMWF Monthly Forecast System initiated on 23 April 2025
Estimated deviation (anomaly) of the mean from model climate in millimeters (mm)



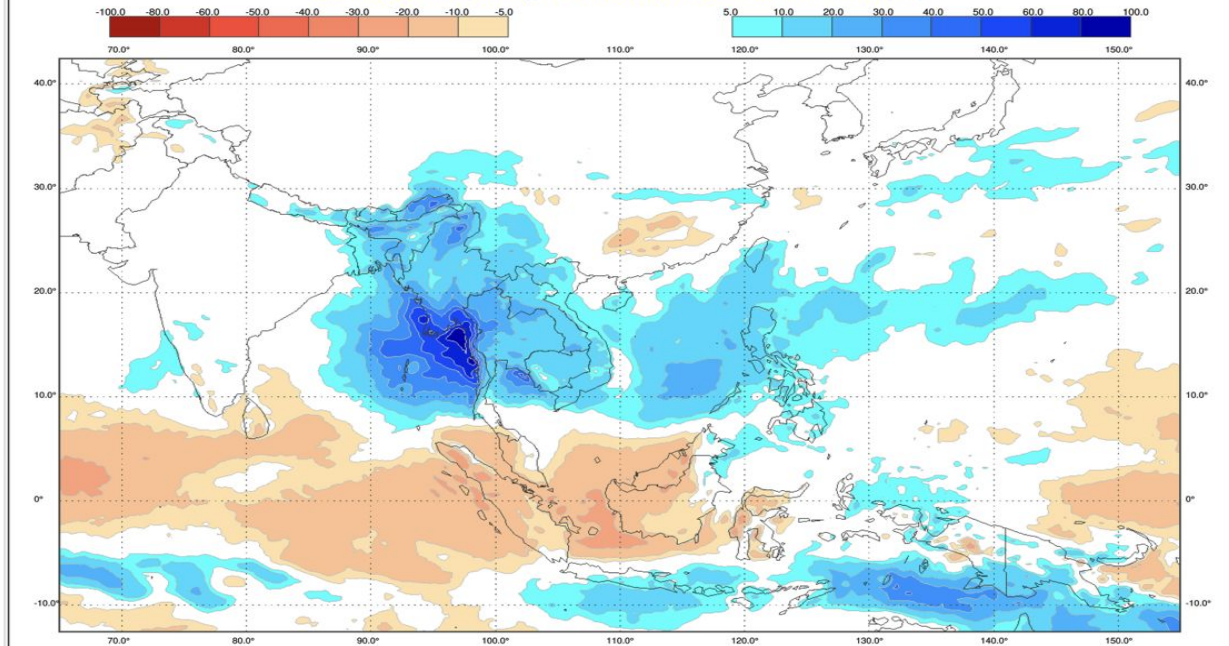
Monthly Temperature (T2m) Anomalies valid for week: from 12 to 18 May 2025

Map processed by EFFIS System based on ECMWF Monthly Forecast System initiated on 23 April 2025
Estimated deviation (anomaly) of the mean from model climate in Celsius degrees



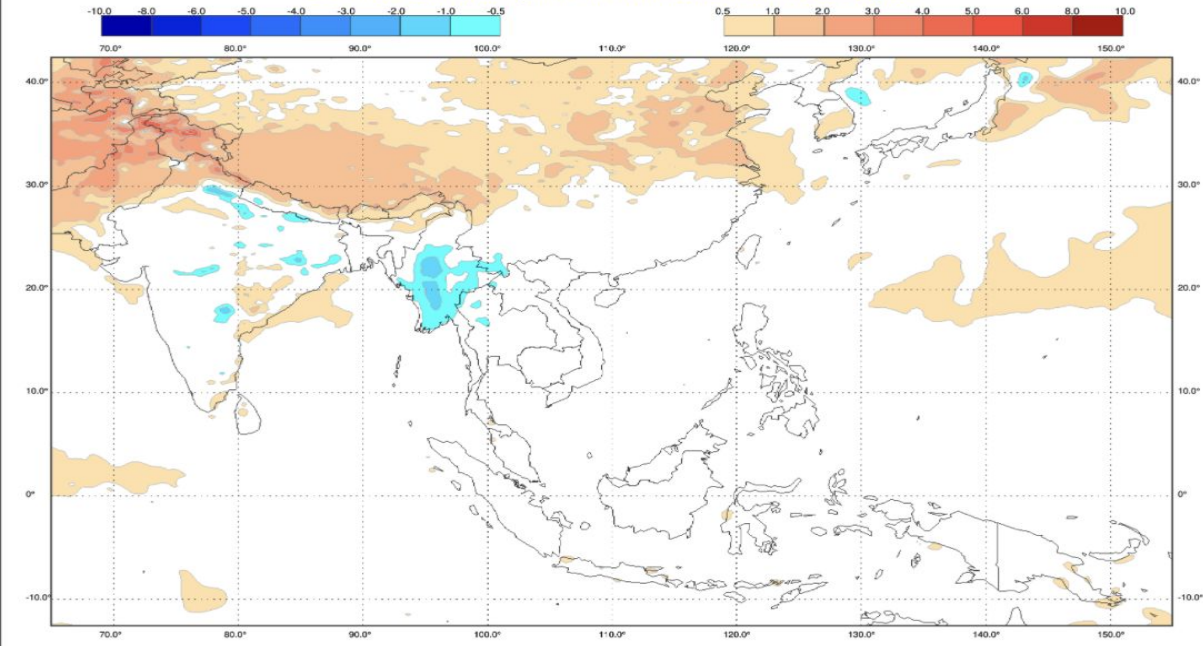
Monthly Rain Anomalies valid for week: from 12 to 18 May 2025

Map processed by EFFIS System based on ECMWF Monthly Forecast System initiated on 23 April 2025
Estimated deviation (anomaly) of the mean from model climate in millimeters (mm)



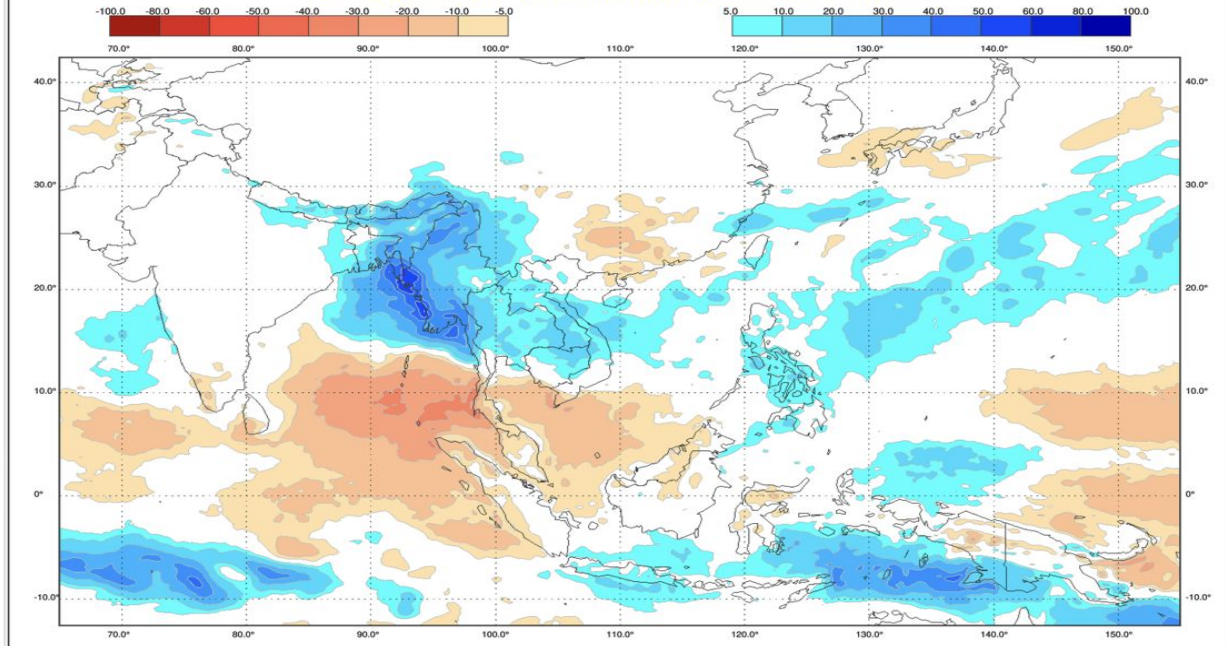
Monthly Temperature (T2m) Anomalies valid for week: from 19 to 25 May 2025

Map processed by EFFIS System based on ECMWF Monthly Forecast System initiated on 23 April 2025
Estimated deviation (anomaly) of the mean from model climate in Celsius degrees



Monthly Rain Anomalies valid for week: from 19 to 25 May 2025

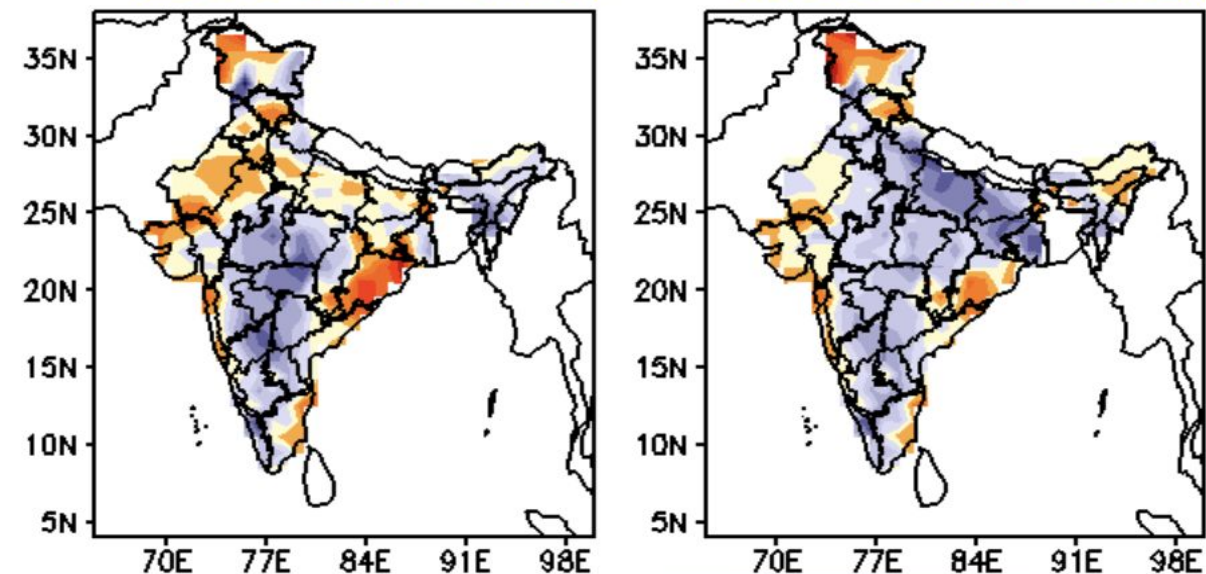
Map processed by EFFIS System based on ECMWF Monthly Forecast System initiated on 23 April 2025
Estimated deviation (anomaly) of the mean from model climate in millimeters (mm)



MME forecast Tmax anomaly (Deg C)

(Week1: 25Apr-01May)

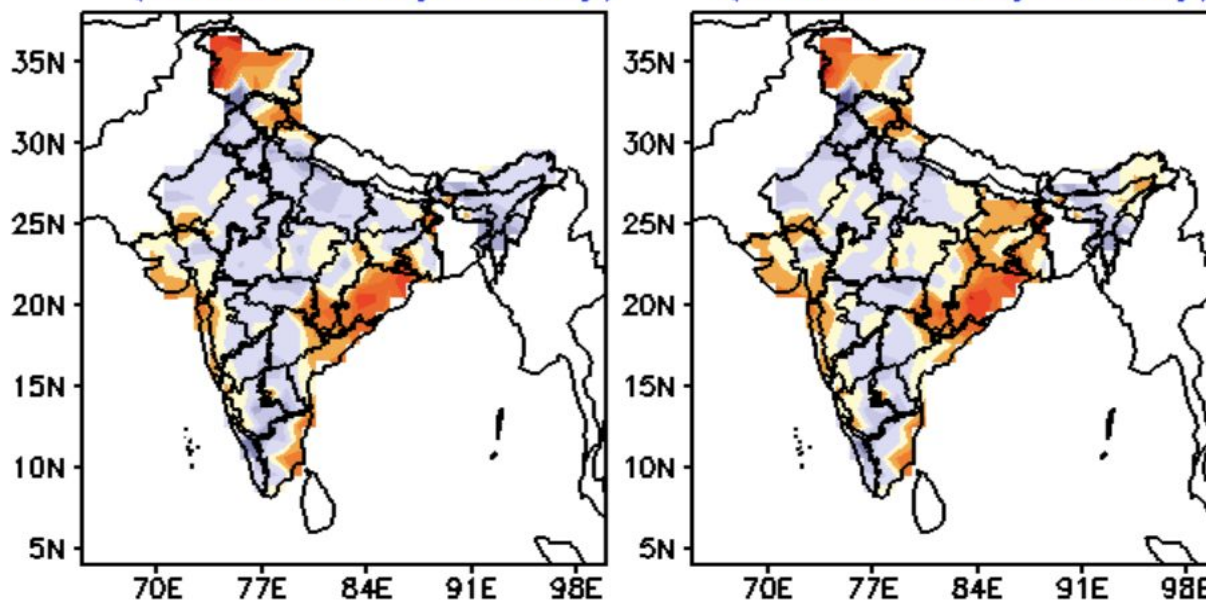
(Week2: 02May-08May)



-6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6

(Week3: 09May-15May)

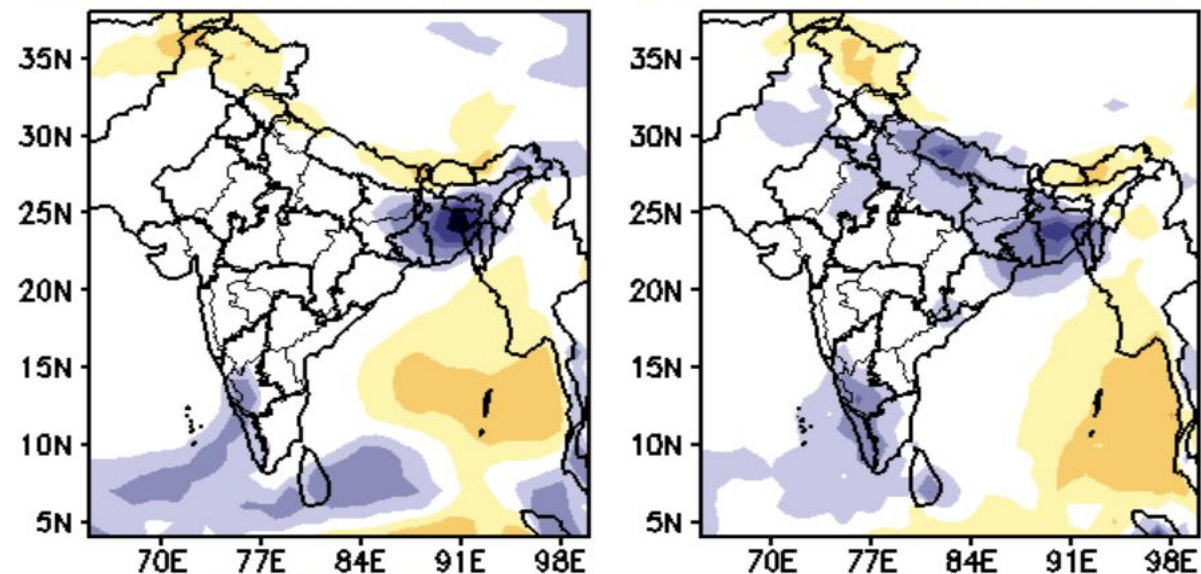
(Week4: 16May-22May)



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

(Week1:00Z24Apr-00Z01May)

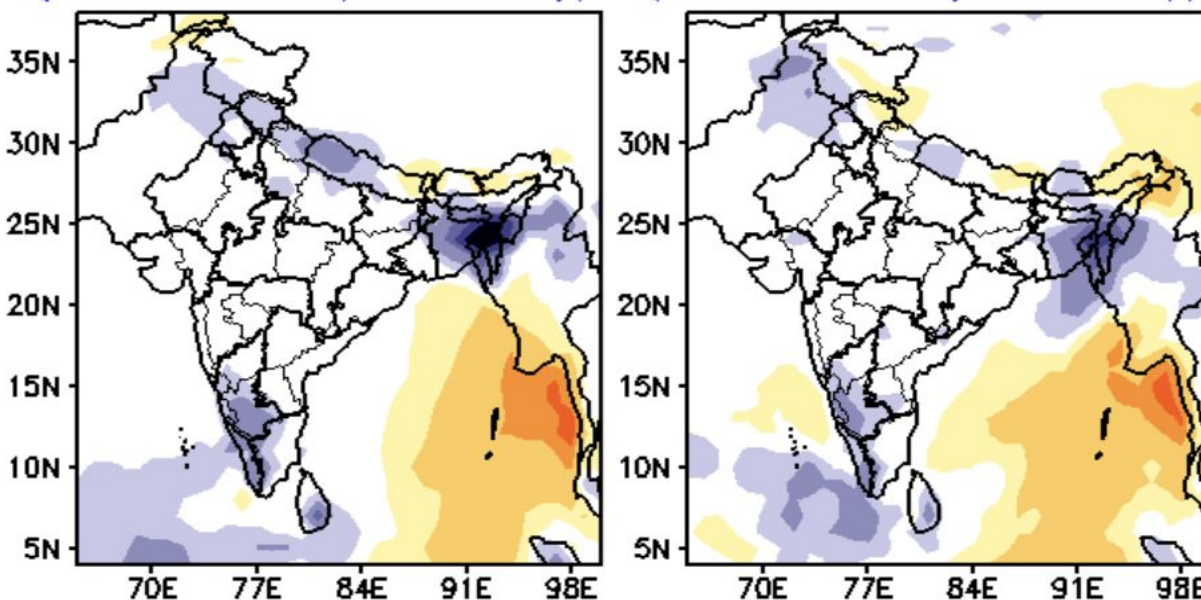
(Week2:00Z01May-00Z08May)



-15 -10 -7 -3 -1 1 3 7 10 15

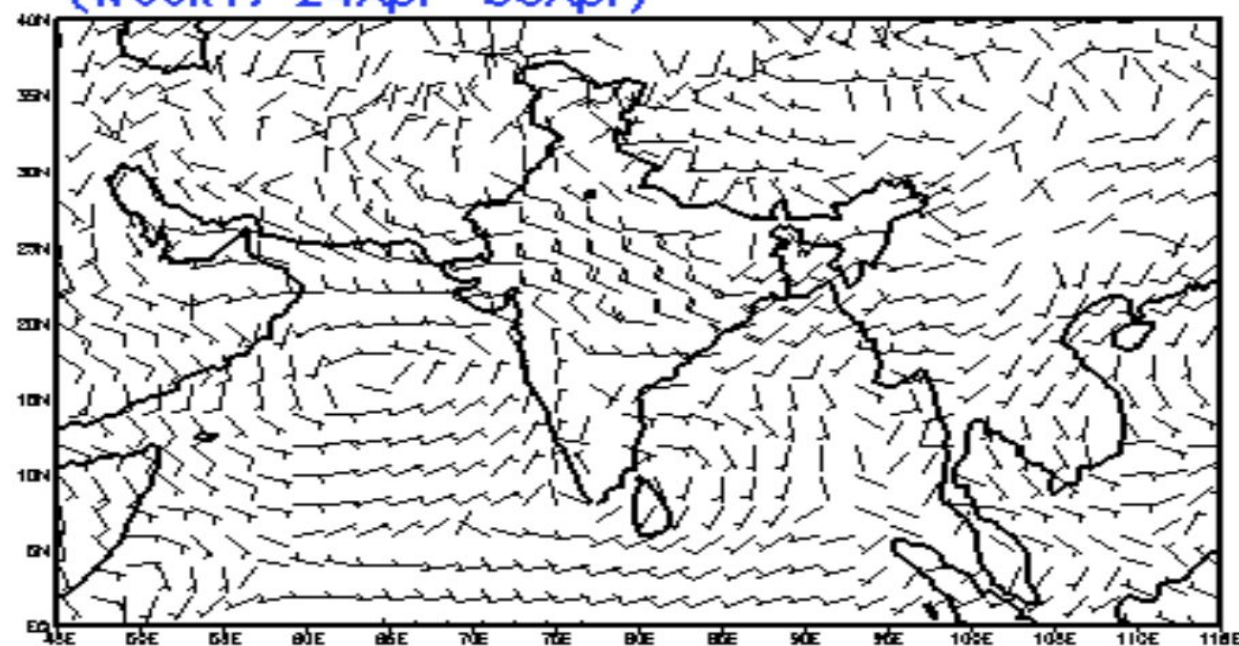
(Week3:00Z08May-00Z15May)

(Week4:00Z15May-00Z22May)

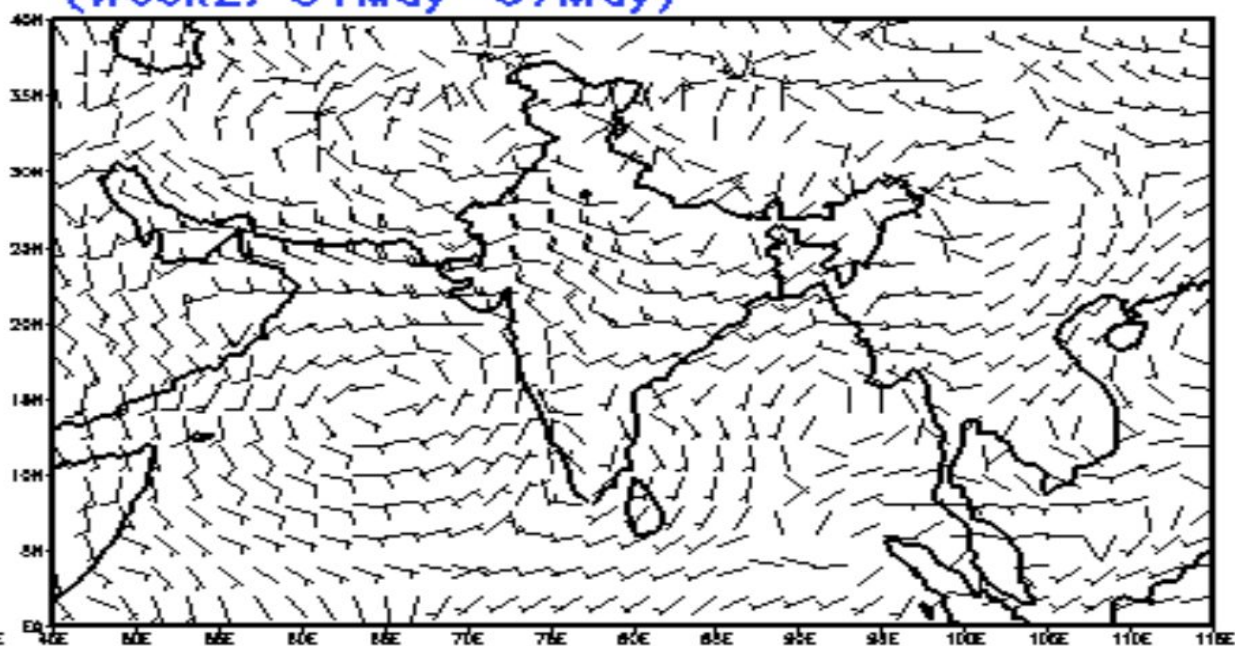


MME Weekly mean 850 hPa wind

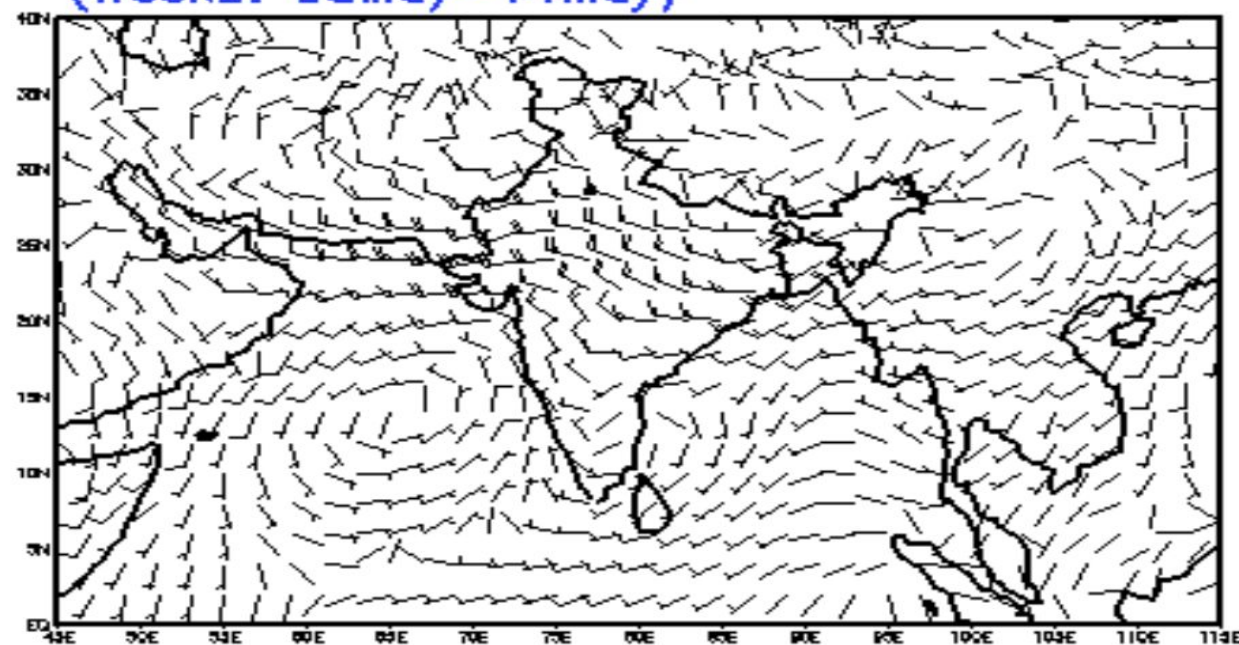
(Week1: 24Apr-30Apr)



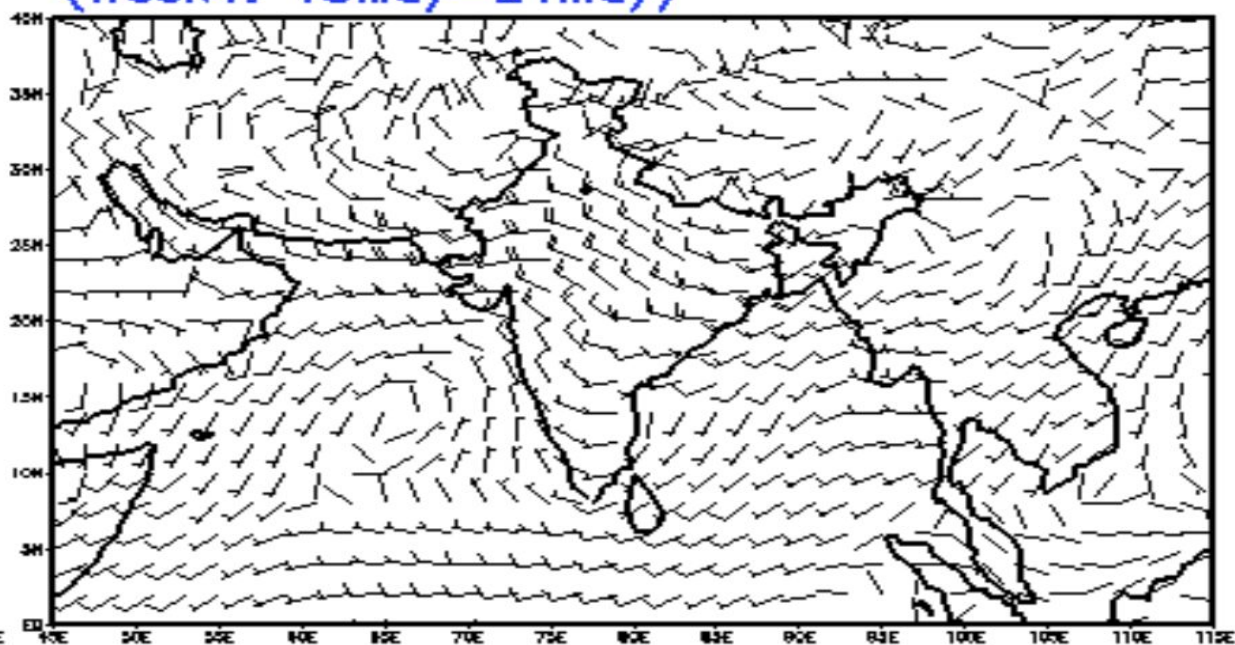
(Week2: 01May-07May)



(Week3: 08May-14May)



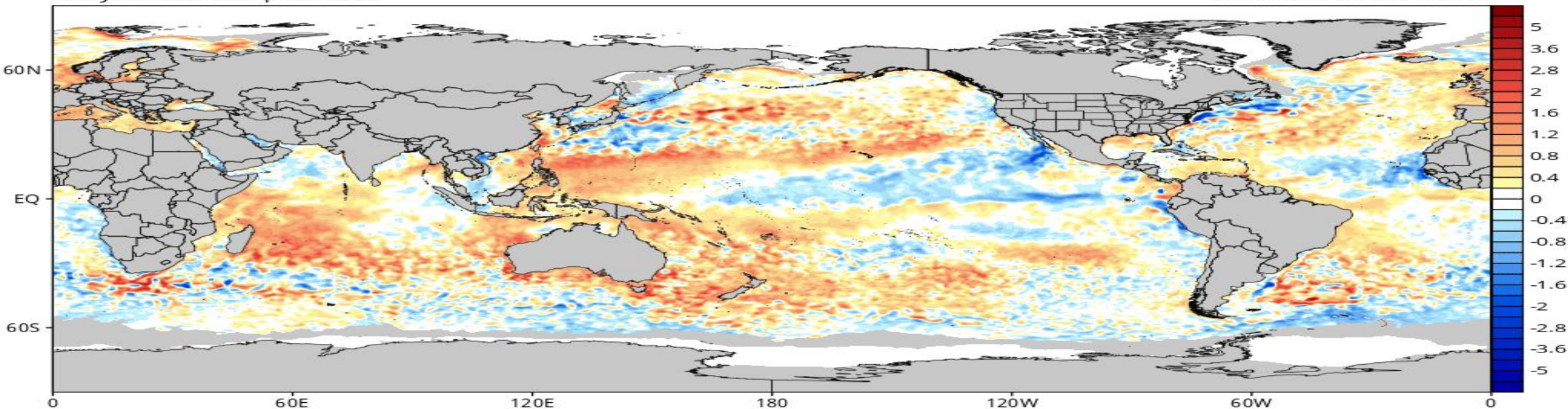
(Week4: 15May-21May)



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

Analysis Time: 00z Apr 24 2025

TROPICALTIDBITS.COM



CDAS Niño 3.4 Index



CDAS Niño 1+2 Index



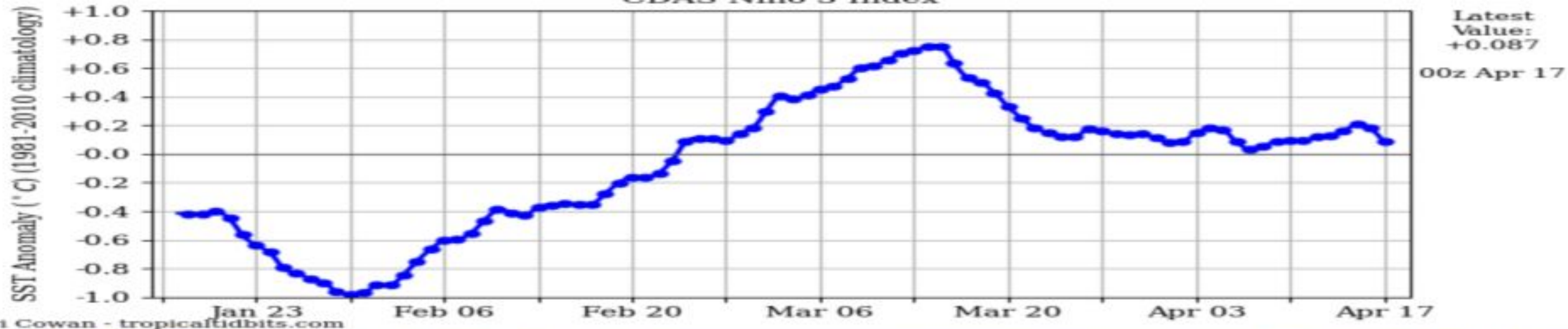
CDAS Niño 3 Index



CDAS Niño 1+2 Index

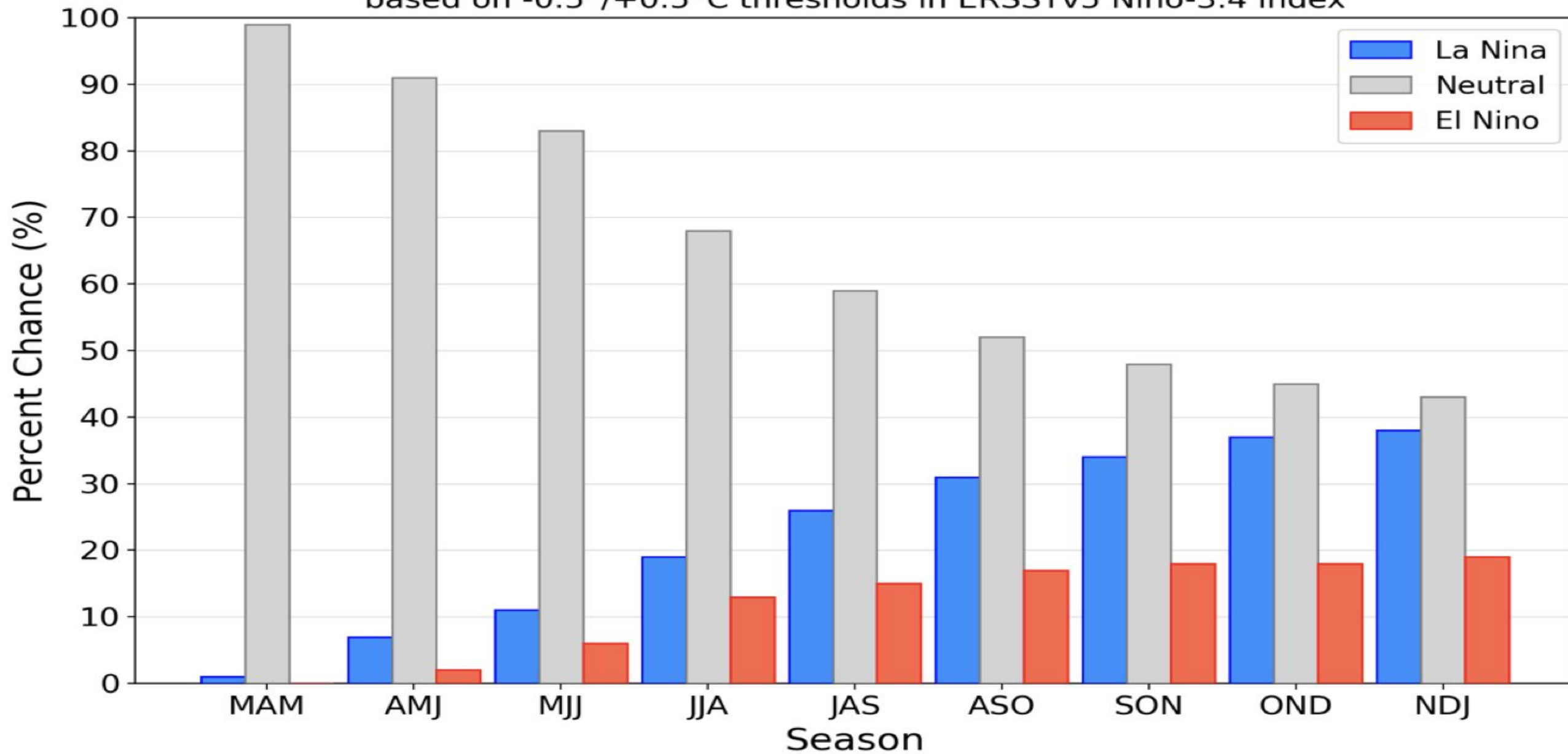


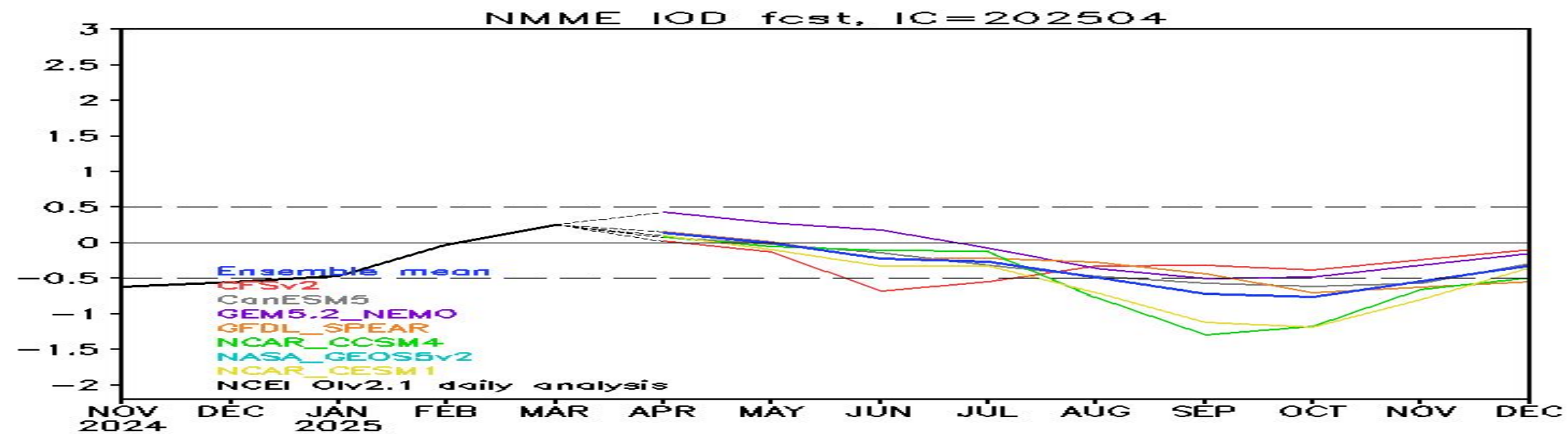
CDAS Niño 3 Index



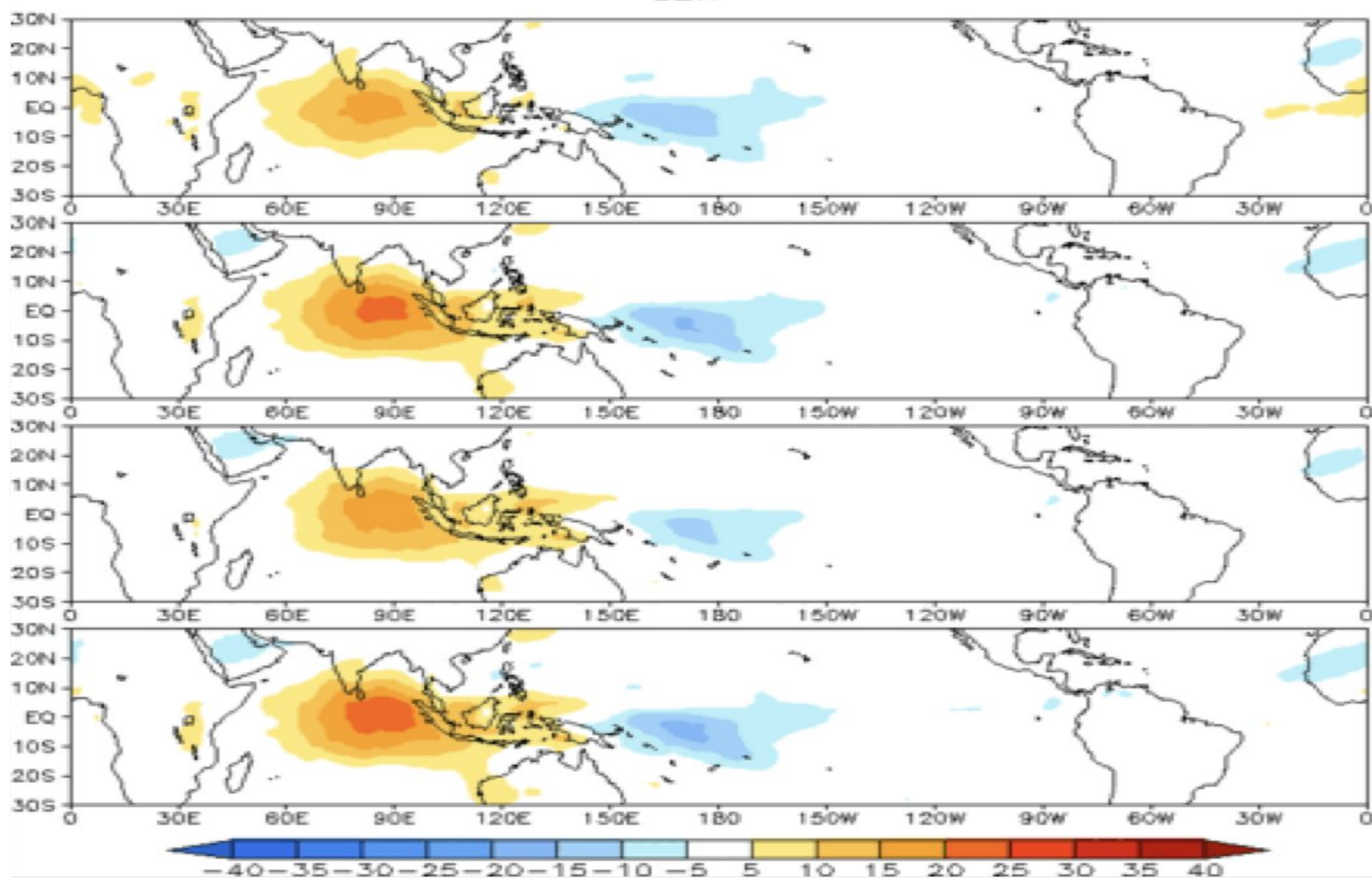
Official NOAA CPC ENSO Probabilities (issued April 2025)

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





Prediction of MJO-related anomalies using GEFS operational forecast
Initial date: 20 Apr 2025
OLR



Initial Date
(20 Apr 2025)

Days 1–5 Ave
Forecast

Days 6–10 Ave
Forecast

Days 11–15 Ave
Forecast

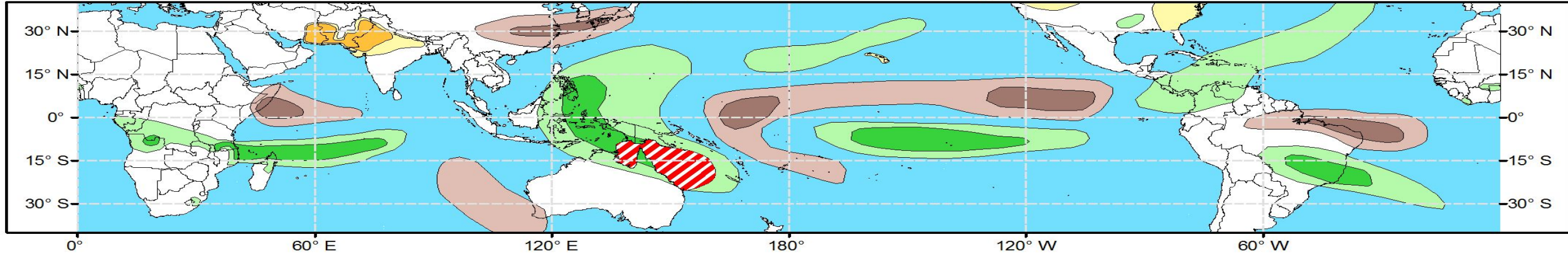


Global Tropics Hazards Outlook

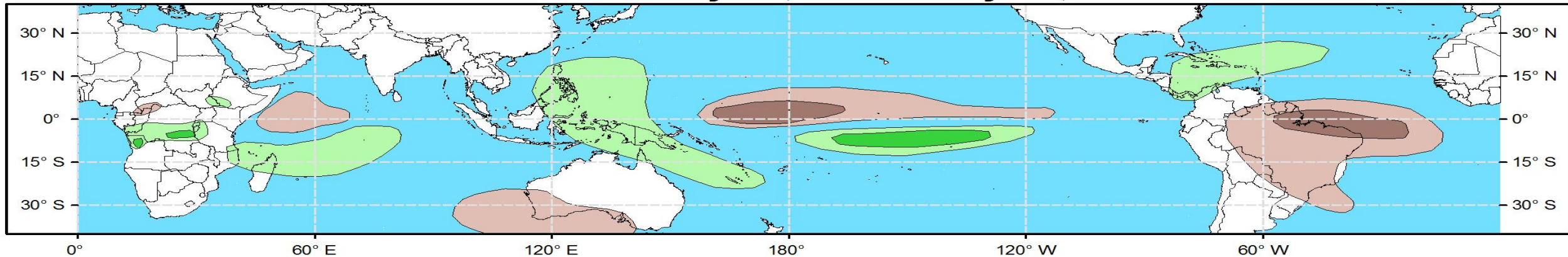
Climate Prediction Center



Week 2 - Valid: Apr 30, 2025 - May 06, 2025



Week 3 - Valid: May 07, 2025 - May 13, 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*

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Forecaster: Barandiaran

**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.**