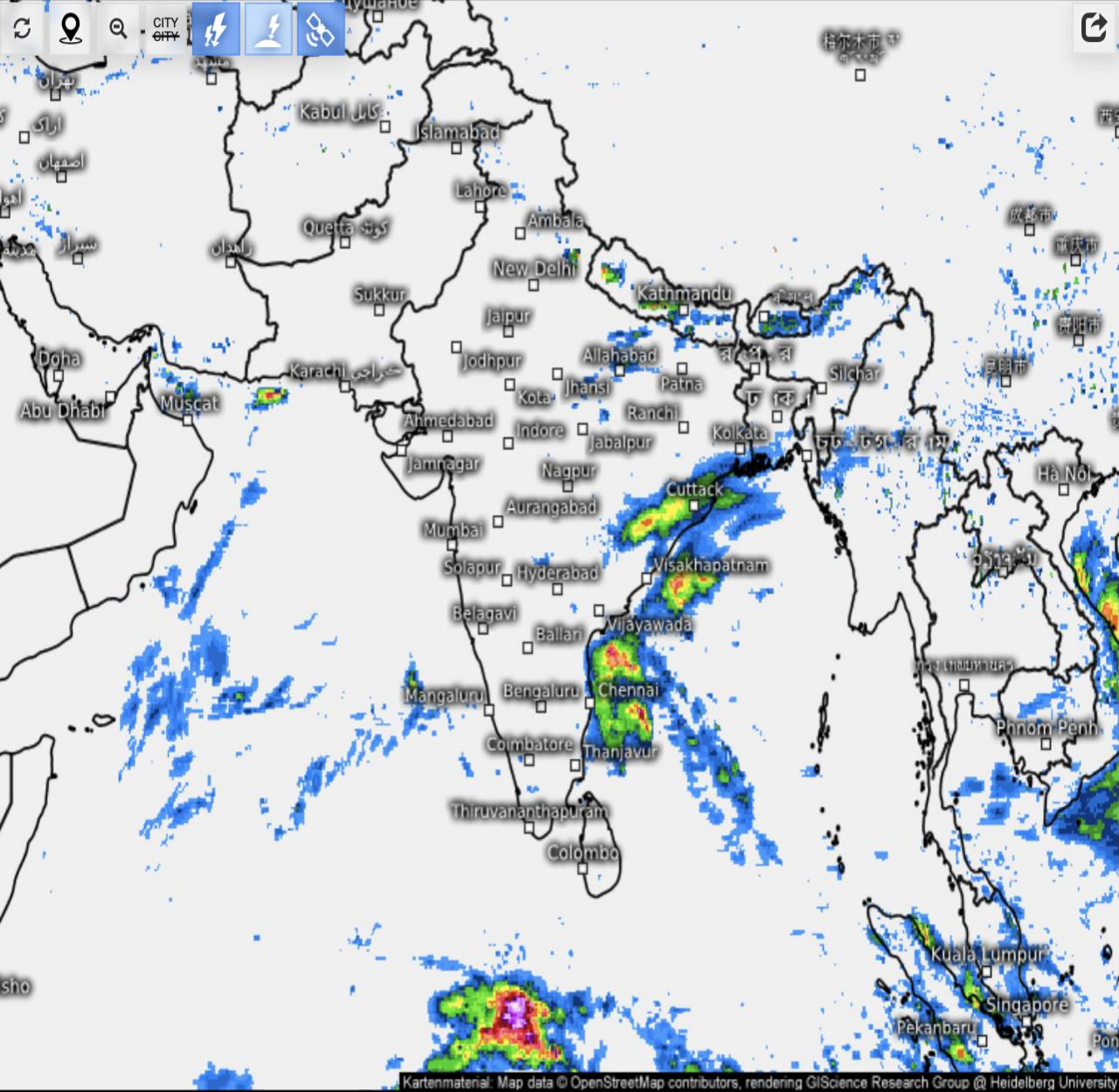
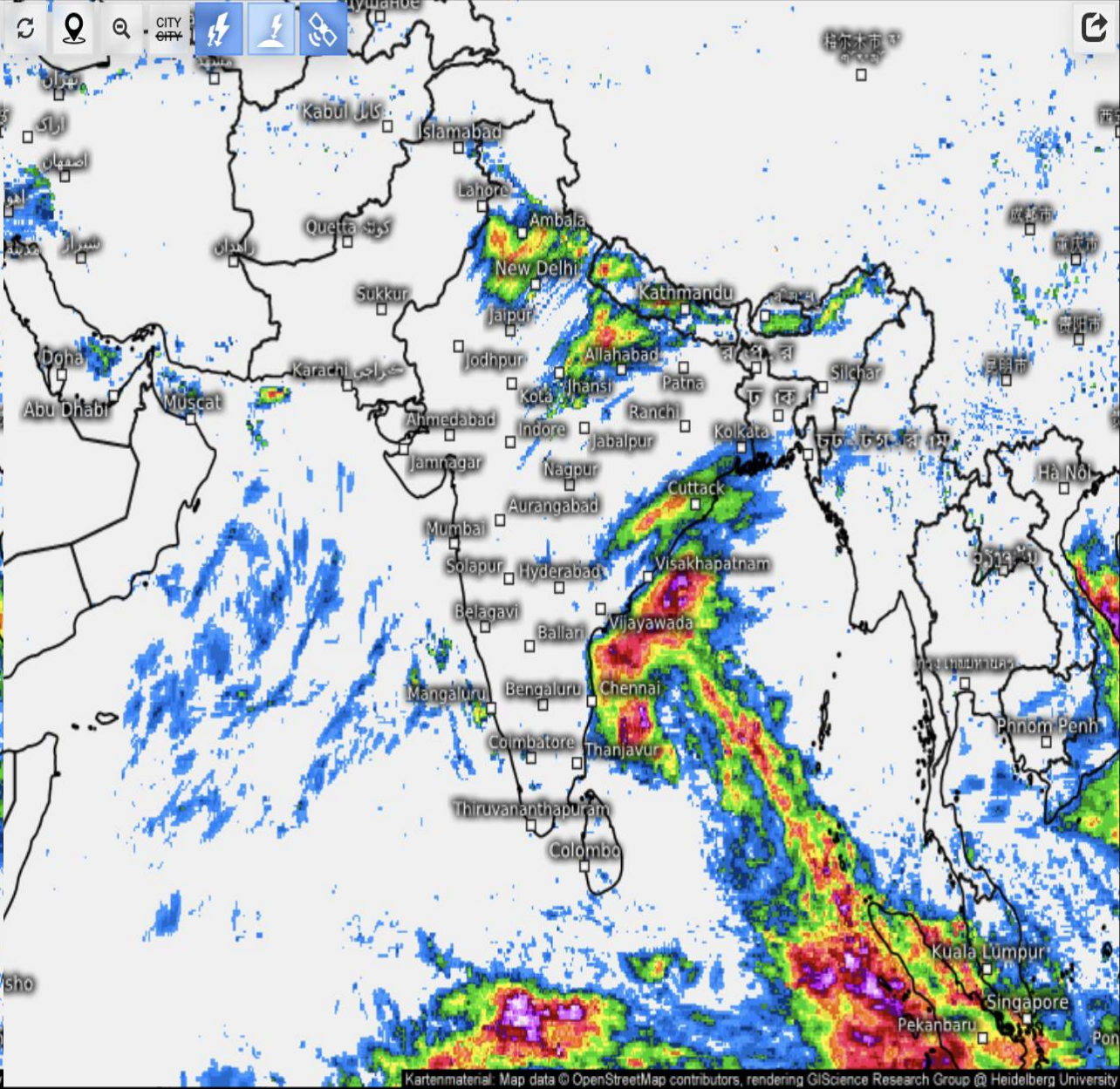
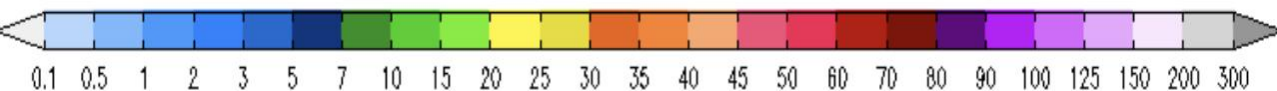




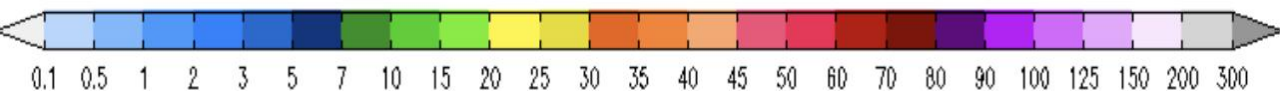
Accumulated Precipitation, 24h (Satellite) (mm)

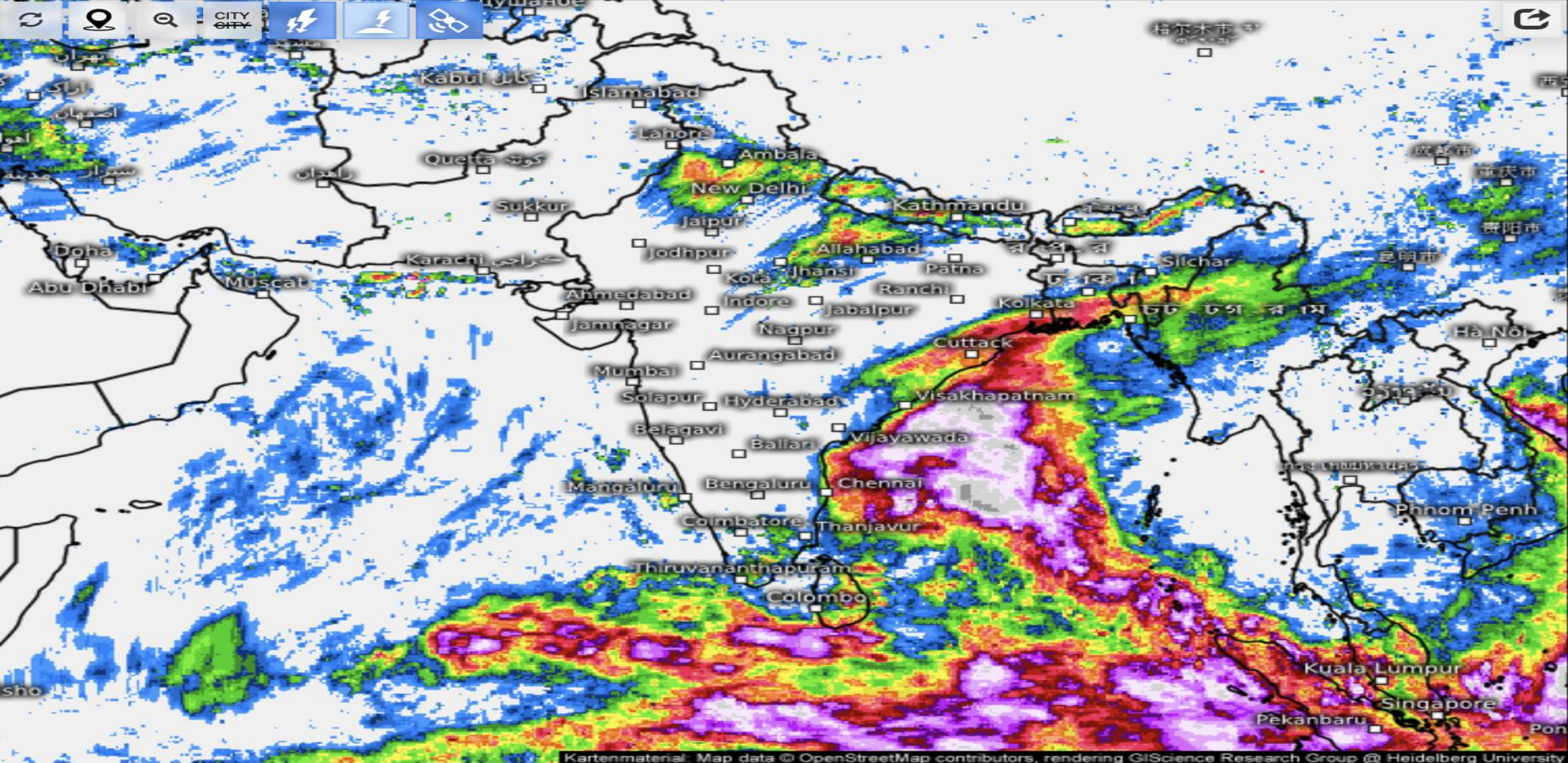
Thu 12/26/2024, 05:30am IST



Accumulated Precipitation, 72h (Satellite) (mm)

Thu 12/26/2024, 05:30am IST





Accumulated Precipitation, 7 days (Satellite) (mm) 

Thu 12/26/2024, 05:30am IST

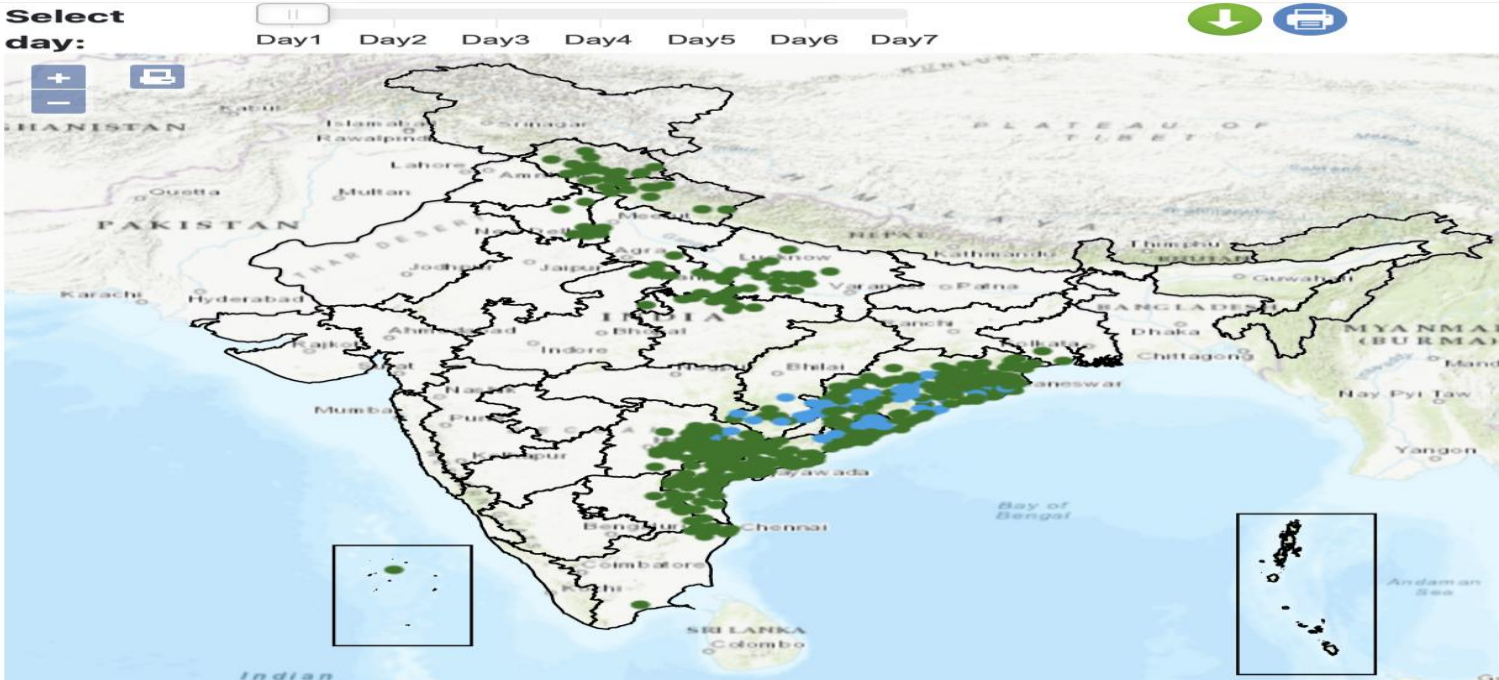


- ☒ Day 1 (08:30 IST 25/12/2024 - 08:30 IST 26/12/2024)
- ☐ Day 2 (08:30 IST 24/12/2024 - 08:30 IST 26/12/2024)
- ☐ Day 3 (08:30 IST 23/12/2024 - 08:30 IST 26/12/2024)
- ☐ Day 4 (08:30 IST 22/12/2024 - 08:30 IST 26/12/2024)
- ☐ Day 5 (08:30 IST 21/12/2024 - 08:30 IST 26/12/2024)
- ☐ Day 6 (08:30 IST 20/12/2024 - 08:30 IST 26/12/2024)
- ☐ Day 7 (08:30 IST 19/12/2024 - 08:30 IST 26/12/2024)

- 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)

- ☒ Day 2 (08:30 IST 24/12/2024 - 08:30 IST 26/12/2024)
- ☐ Day 3 (08:30 IST 23/12/2024 - 08:30 IST 26/12/2024)
- ☐ Day 4 (08:30 IST 22/12/2024 - 08:30 IST 26/12/2024)
- ☐ Day 5 (08:30 IST 21/12/2024 - 08:30 IST 26/12/2024)
- ☐ Day 6 (08:30 IST 20/12/2024 - 08:30 IST 26/12/2024)
- ☐ Day 7 (08:30 IST 19/12/2024 - 08:30 IST 26/12/2024)

- Legend: (Rainfall in mm)**
- 0.1 - 15
 - 15 - 35
 - 35 - 65
 - 65 - 115
 - 115 - 200
 - 200 - 300
 - 300 - 400
 - 400 - 500
 - >= 500



- Day 2 (08:30 IST 24/12/2024 - 08:30 IST 26/12/2024)
- Day 3 (08:30 IST 23/12/2024 - 08:30 IST 26/12/2024)
- Day 4 (08:30 IST 22/12/2024 - 08:30 IST 26/12/2024)
- Day 5 (08:30 IST 21/12/2024 - 08:30 IST 26/12/2024)
- Day 6 (08:30 IST 20/12/2024 - 08:30 IST 26/12/2024)
- Day 7 (08:30 IST 19/12/2024 - 08:30 IST 26/12/2024)

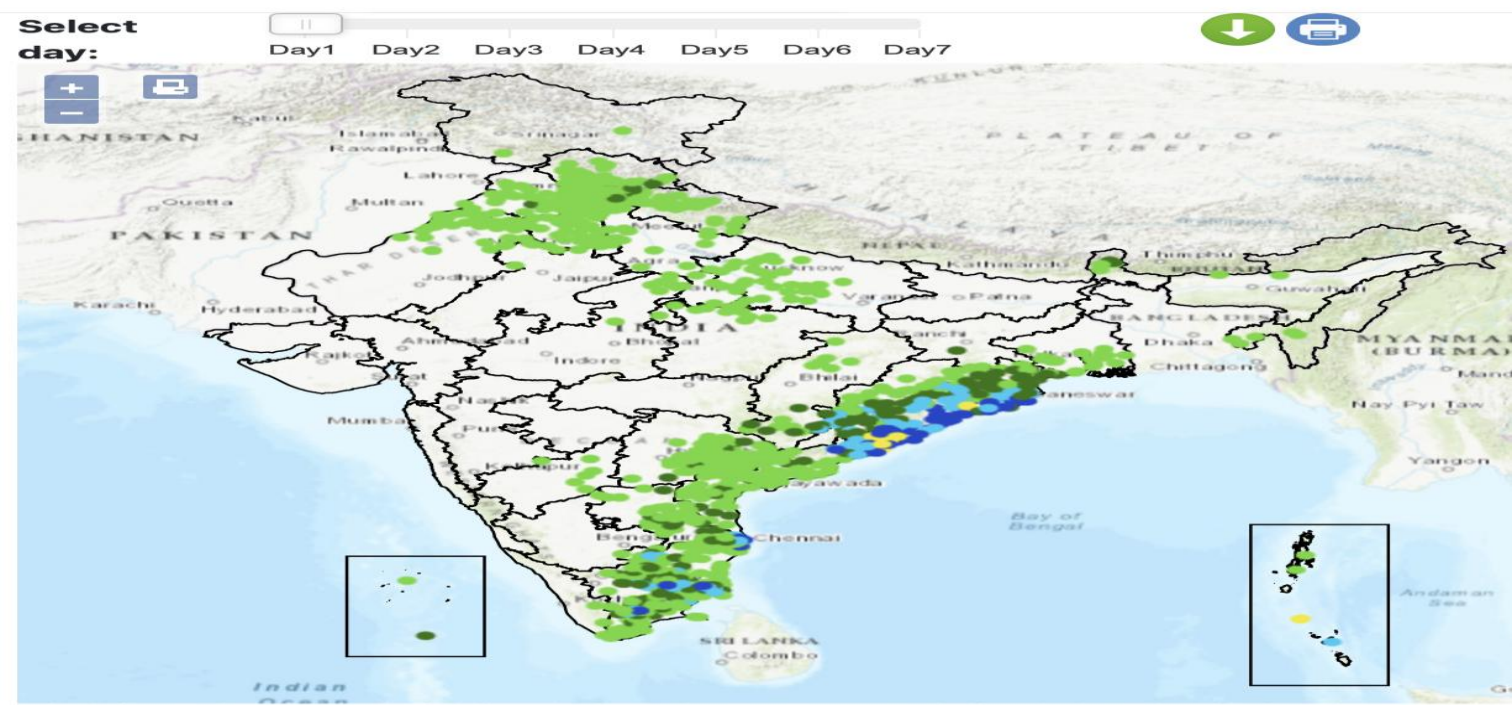
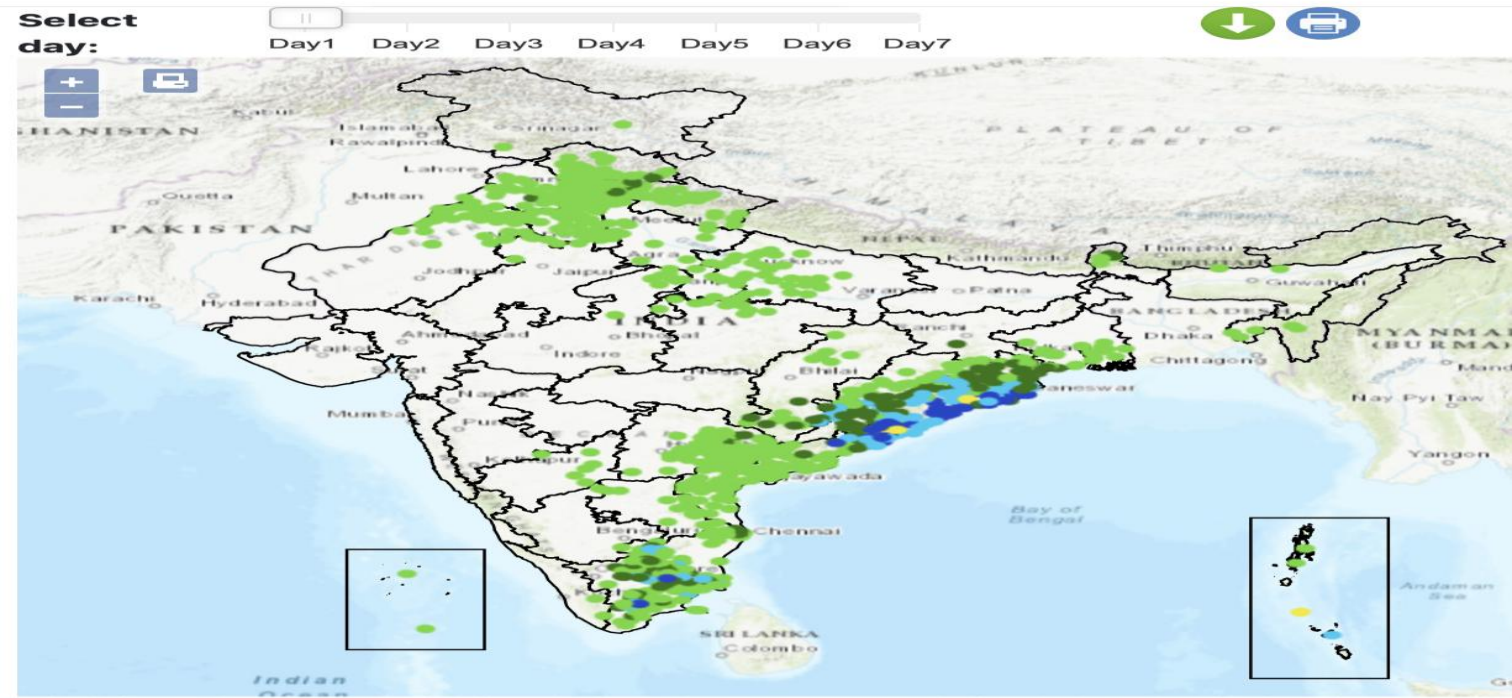
Legend: (Rainfall in mm)

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

- Day 2 (08:30 IST 24/12/2024 - 08:30 IST 26/12/2024)
- Day 3 (08:30 IST 23/12/2024 - 08:30 IST 26/12/2024)
- Day 4 (08:30 IST 22/12/2024 - 08:30 IST 26/12/2024)
- Day 5 (08:30 IST 21/12/2024 - 08:30 IST 26/12/2024)
- Day 6 (08:30 IST 20/12/2024 - 08:30 IST 26/12/2024)
- Day 7 (08:30 IST 19/12/2024 - 08:30 IST 26/12/2024)

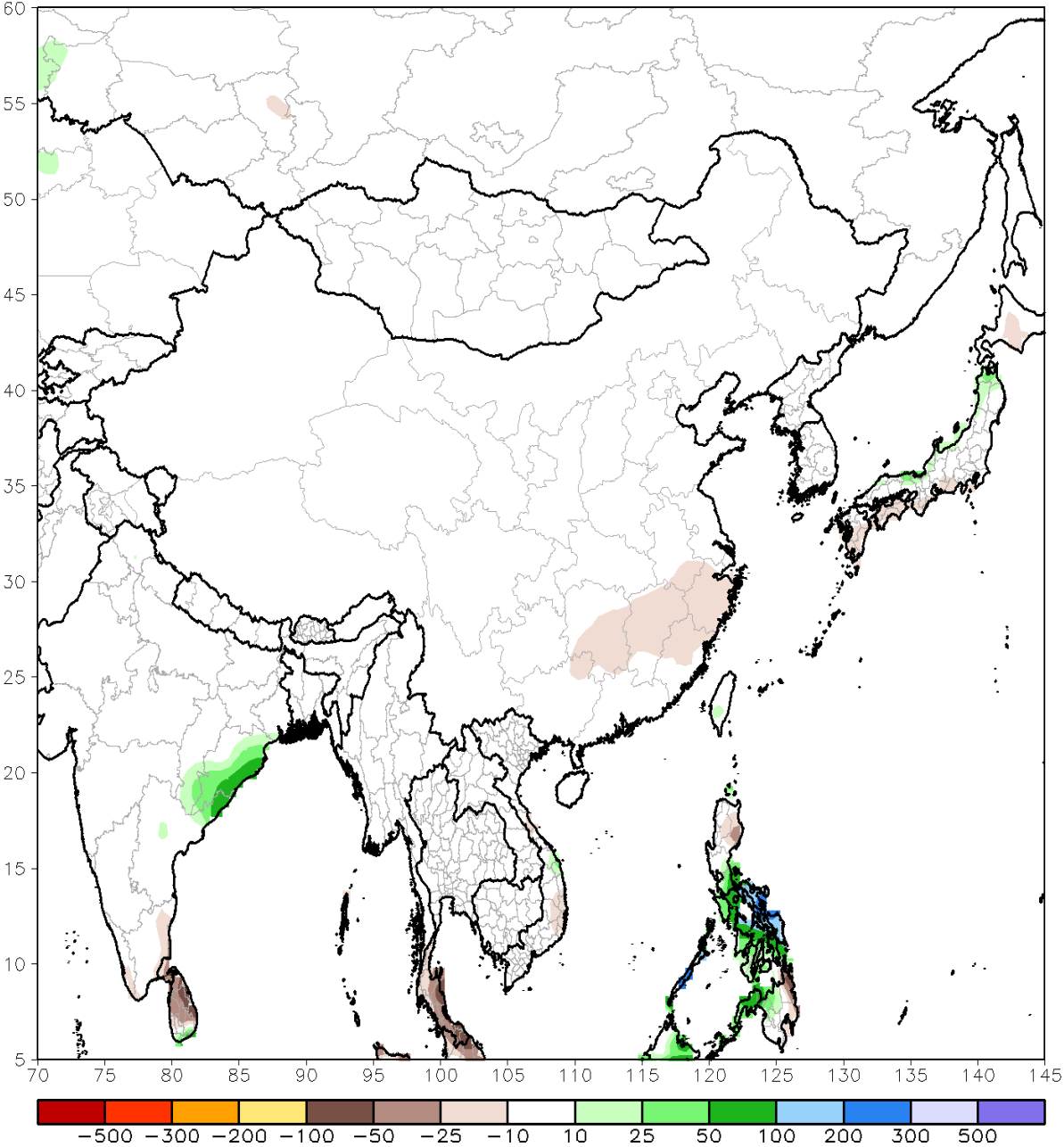
Legend: (Rainfall in mm)

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



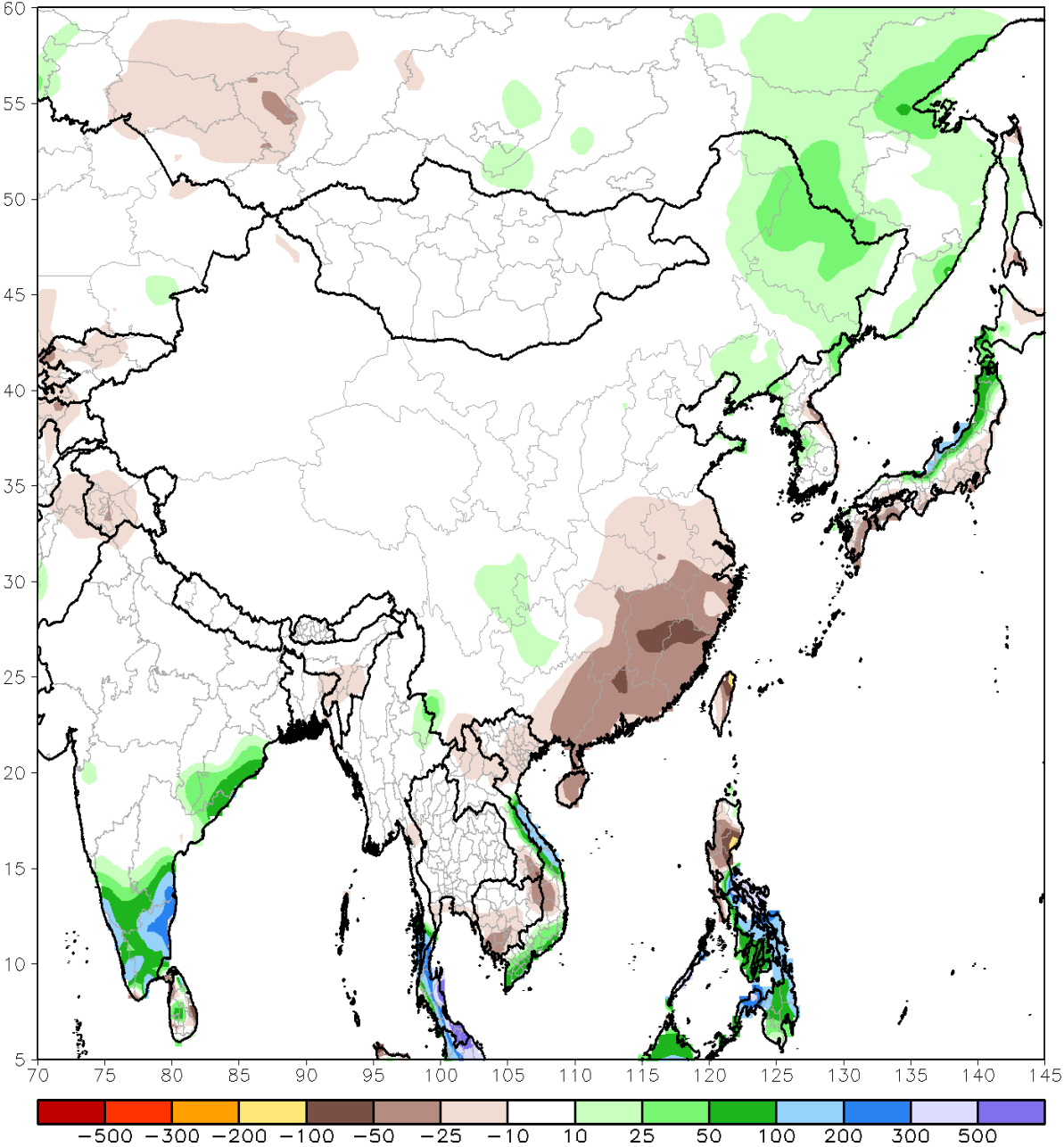
CPC Unified Gauge 7-Day Total Rainfall Anomaly (mm)

Period: 18Dec2024 - 24Dec2024

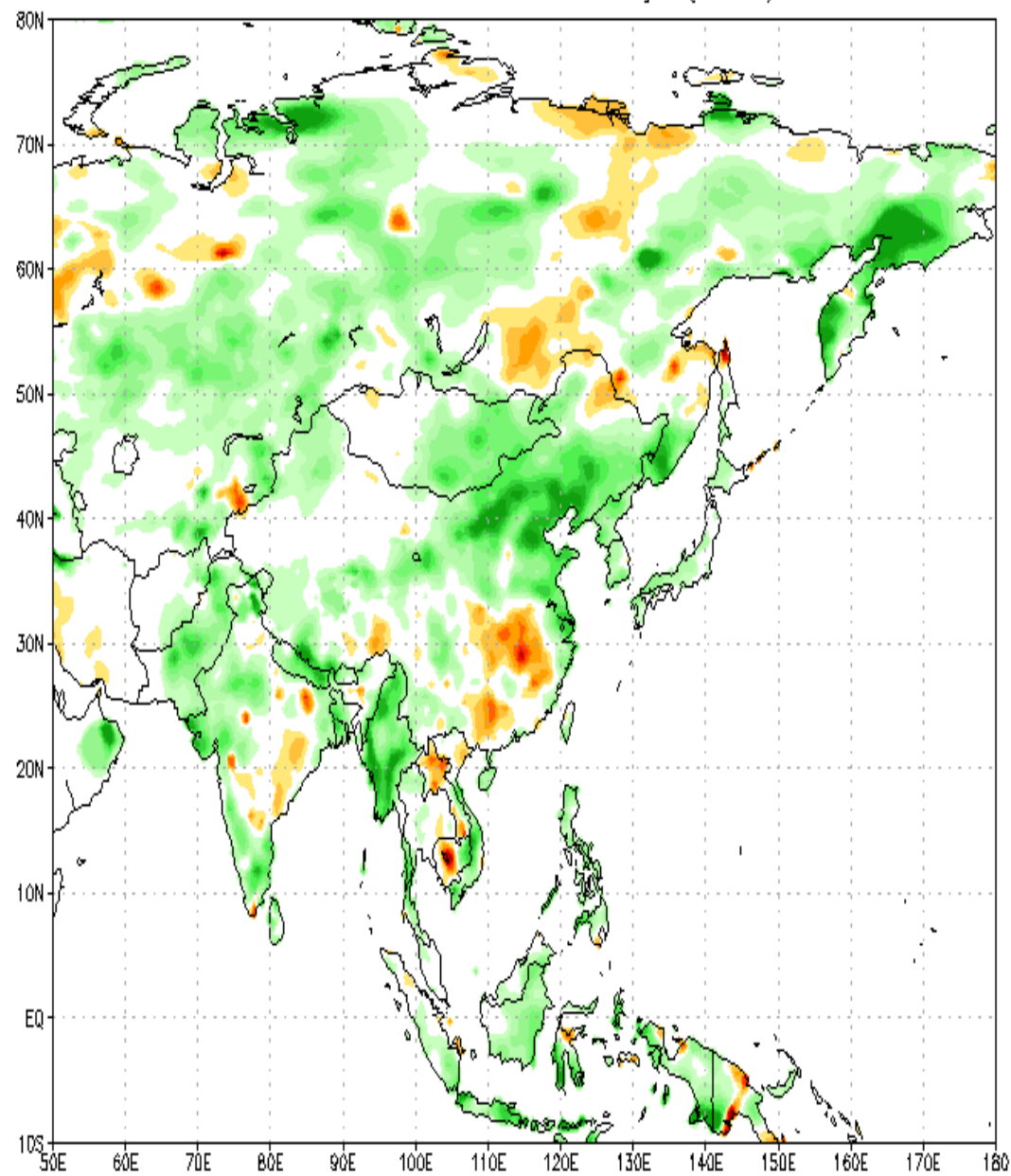


CPC Unified Gauge 30-Day Total Rainfall Anomaly (mm)

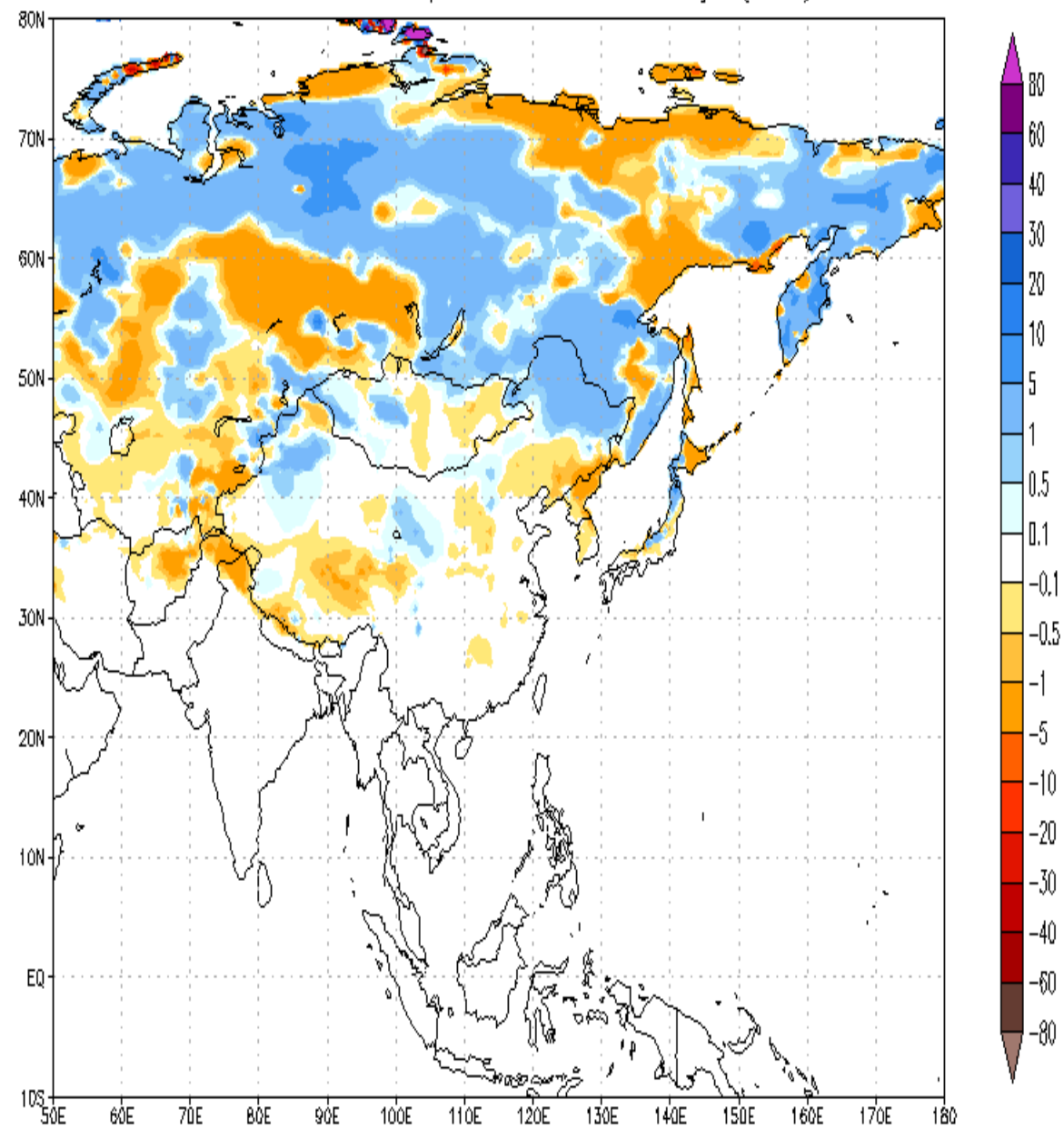
Period: 25Nov2024 - 24Dec2024



Calculated Soil Moisture Anomaly (mm) 20241224

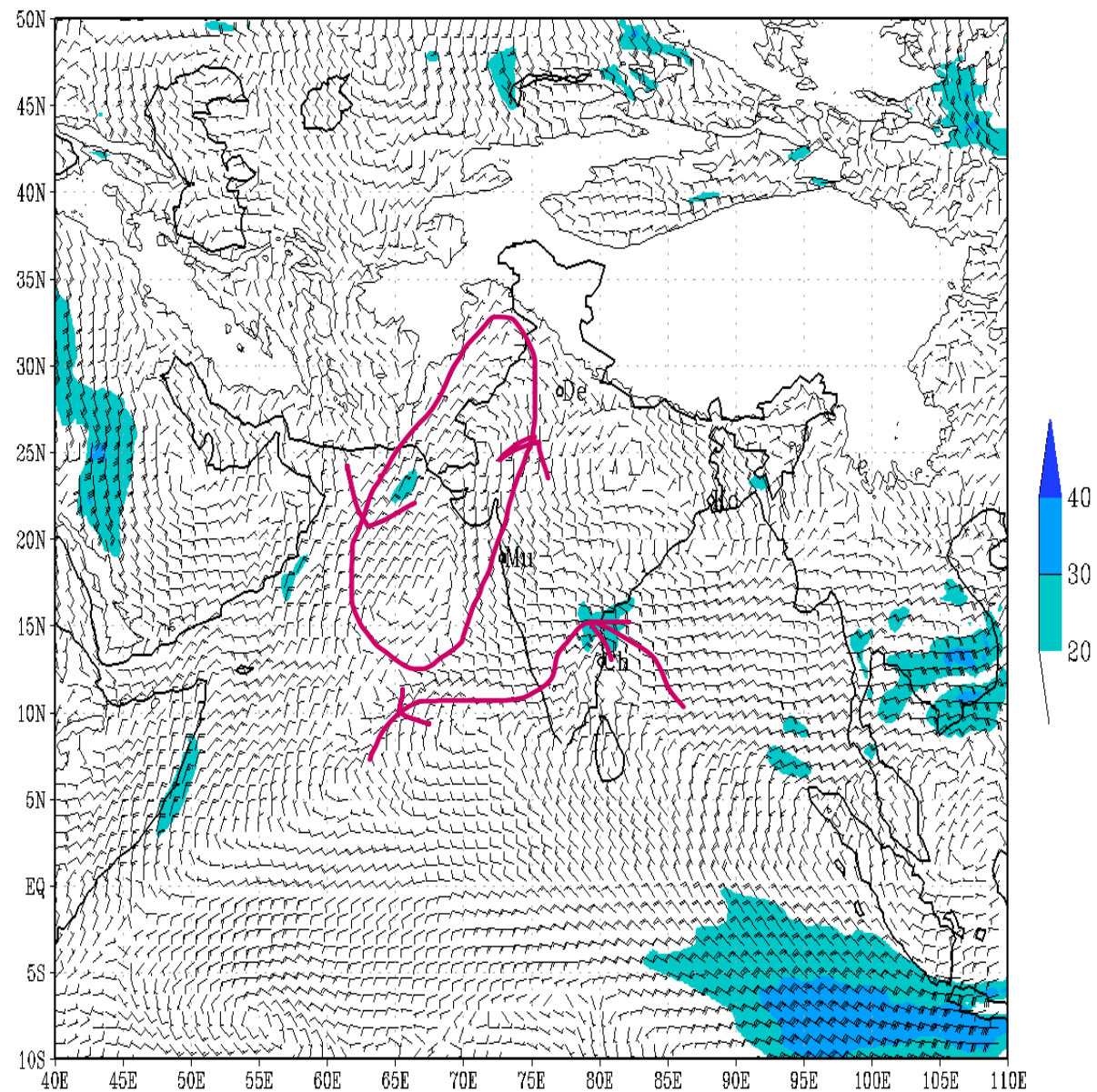


Calculated Snow Water Equivalent Anomaly (cm) 20241224



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

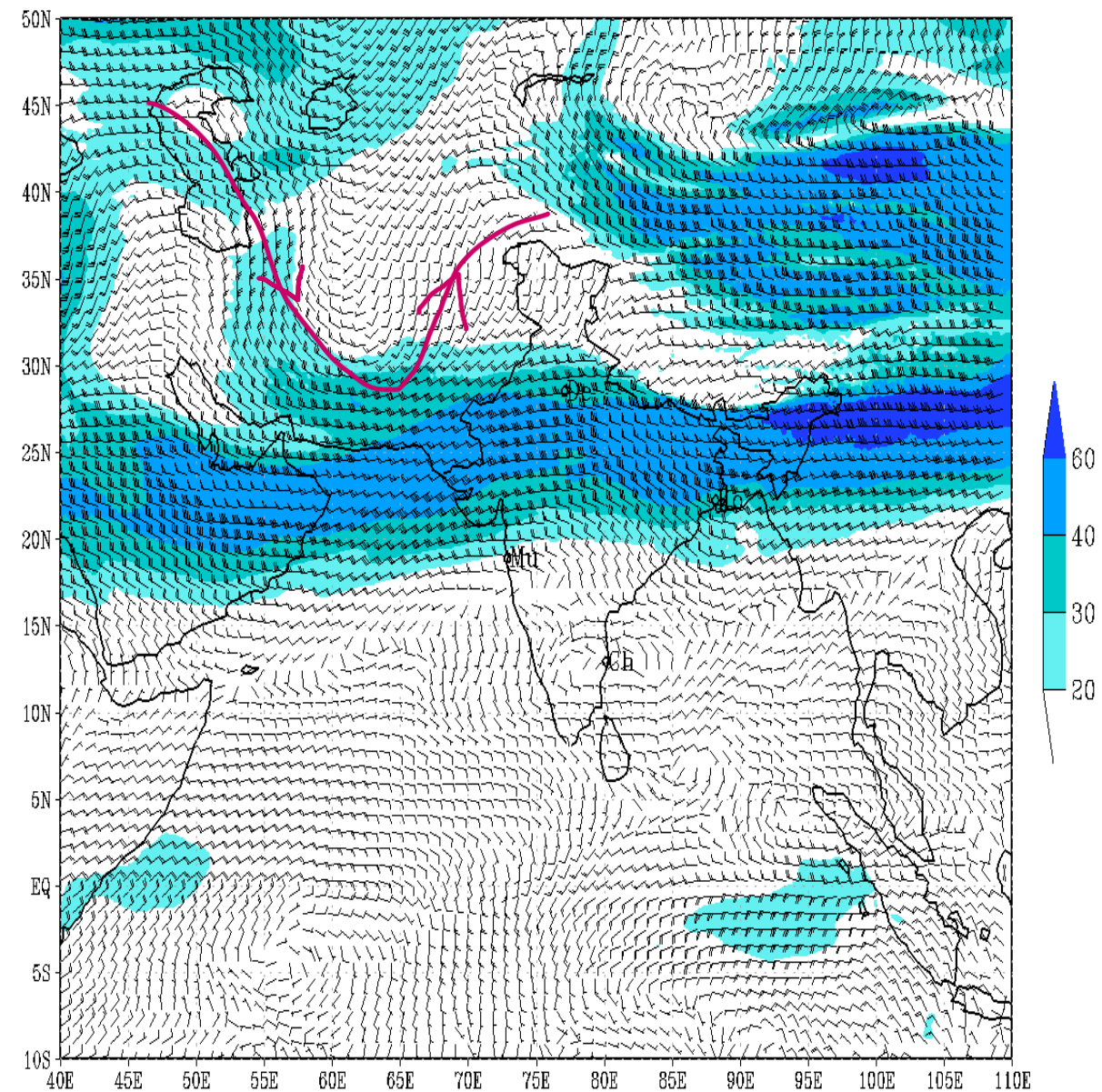
based on 00 UTC of 26-12-2024 valid for 00 UTC of 26-12-2024



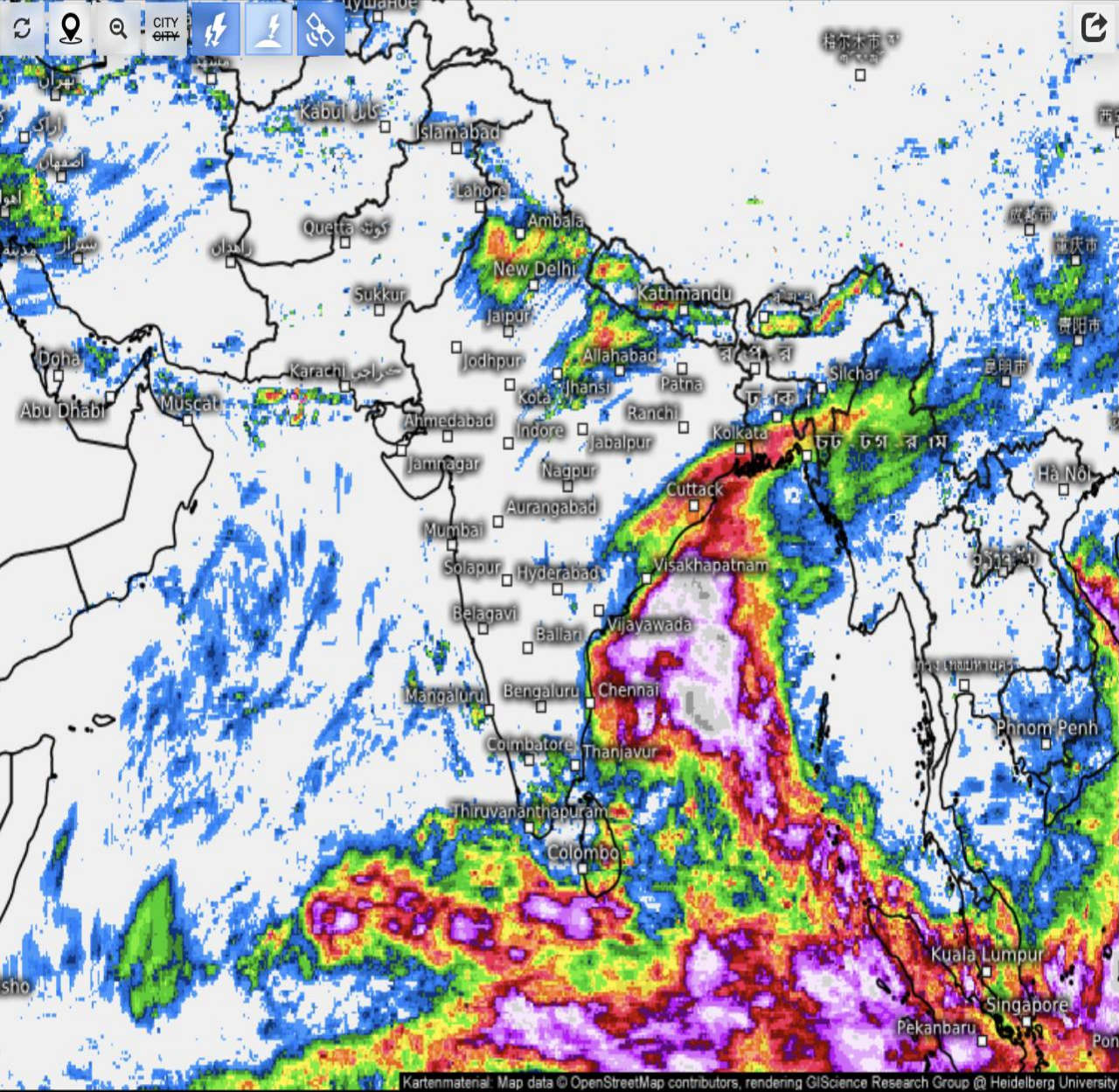
(Background does not depict political boundary)

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

based on 00 UTC of 26-12-2024 valid for 00 UTC of 26-12-2024

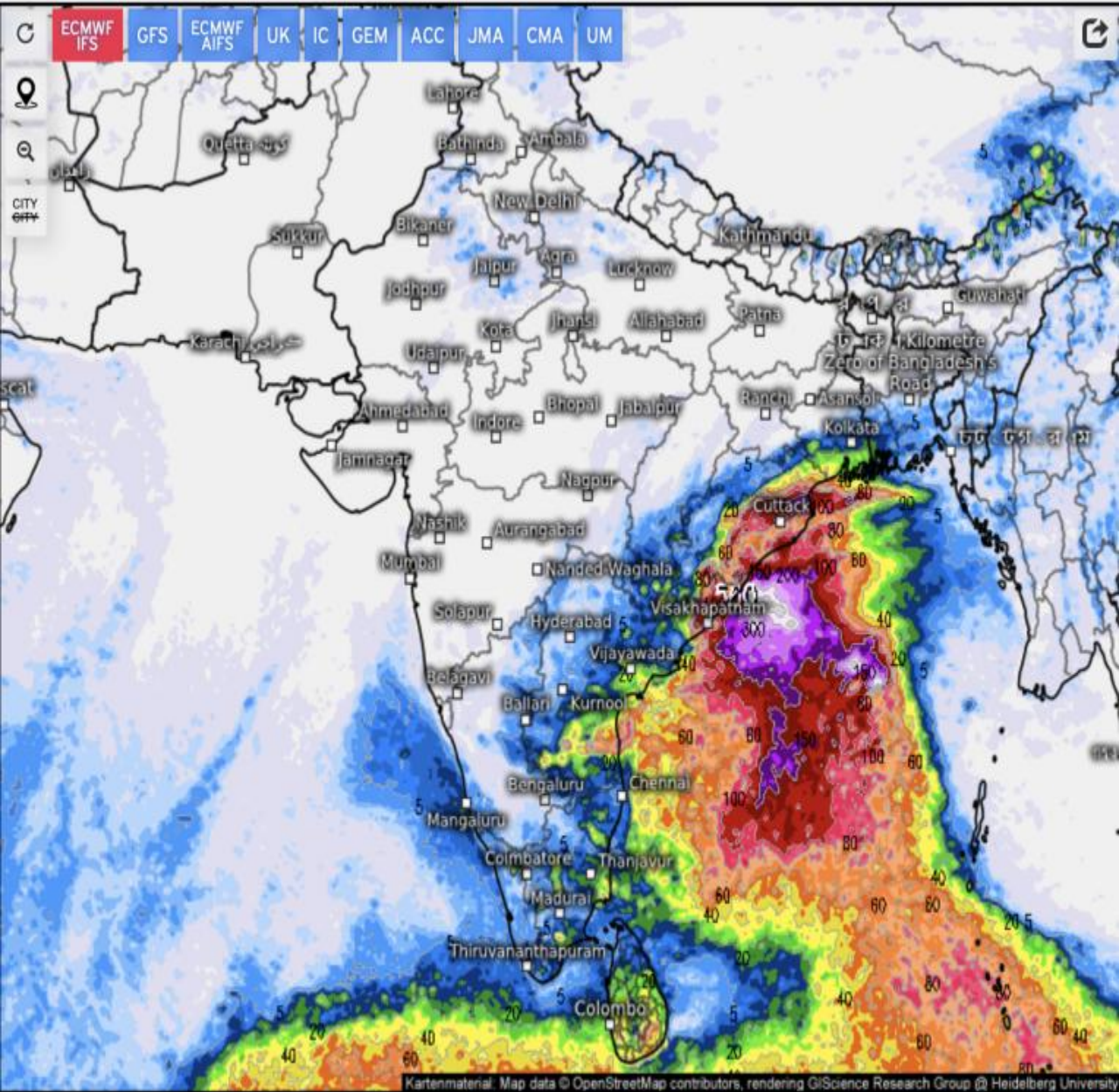
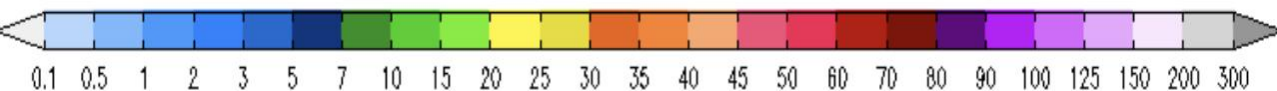


(Background does not depict political boundary)



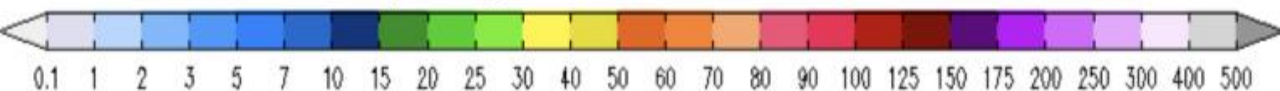
Accumulated Precipitation, 7 days (Satellite) (mm) 

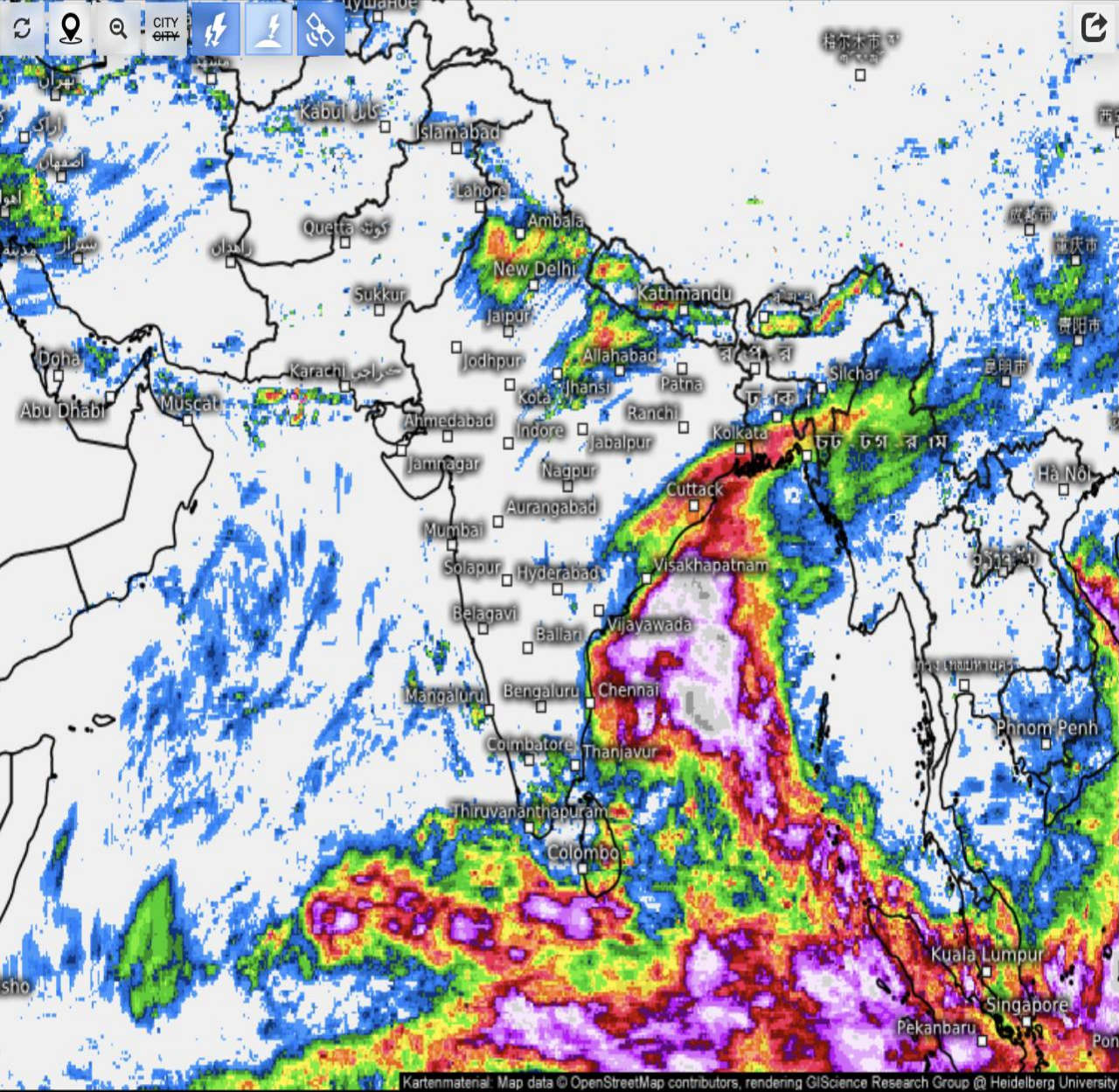
Thu 12/26/2024, 05:30am IST



Accumulated total precipitation (mm) 

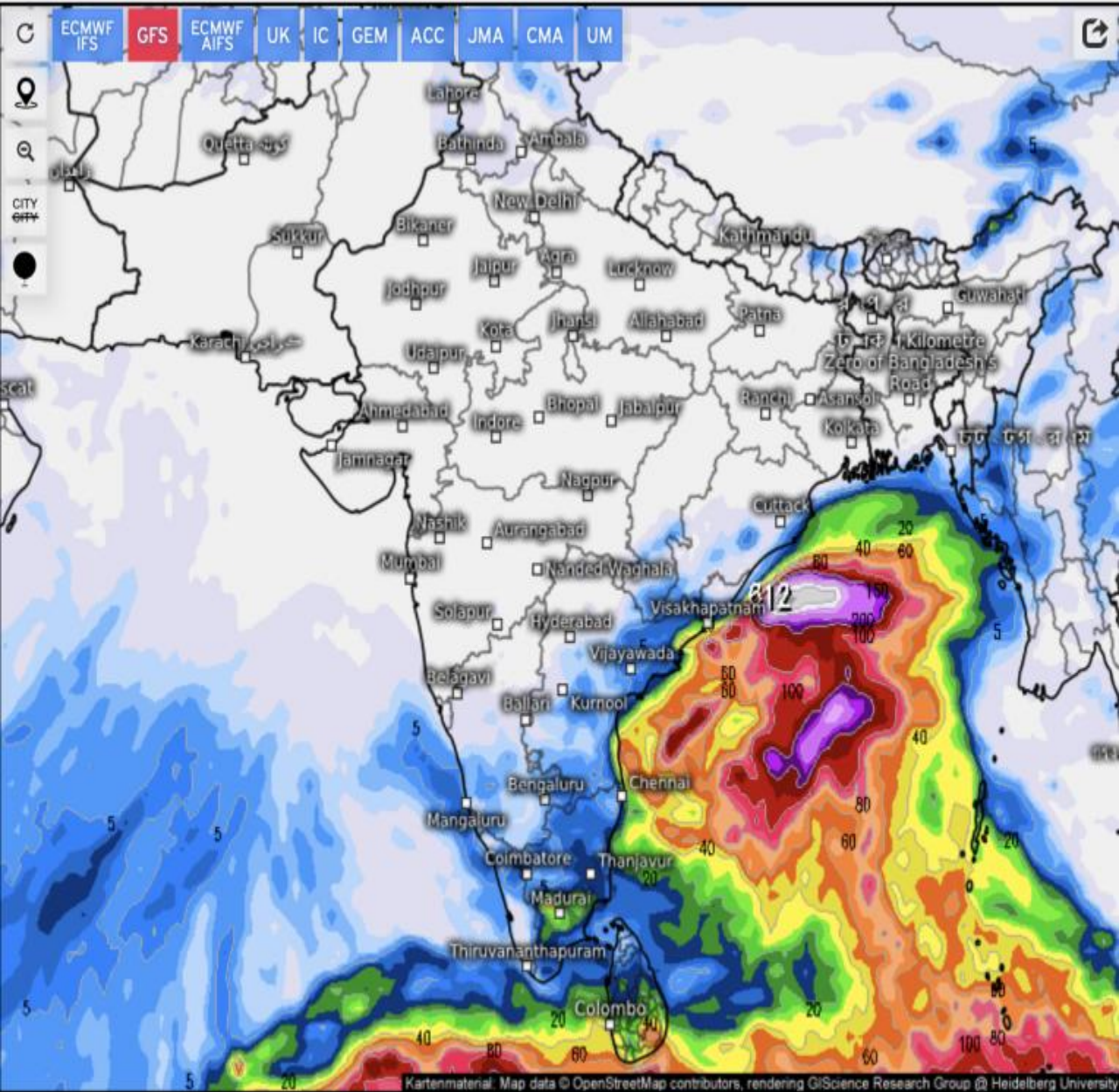
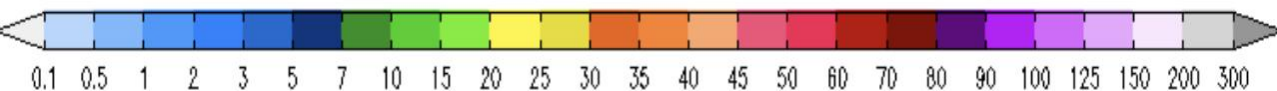
From Thu 12/19/2024, 05:30am IST
to Thu 12/26/2024, 05:30am IST





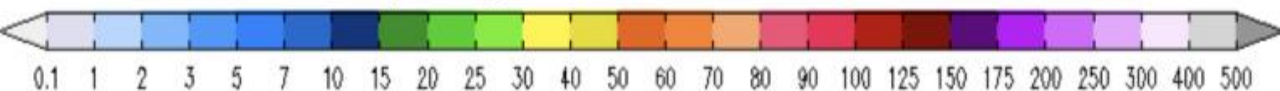
Accumulated Precipitation, 7 days (Satellite) (mm) [i](#)

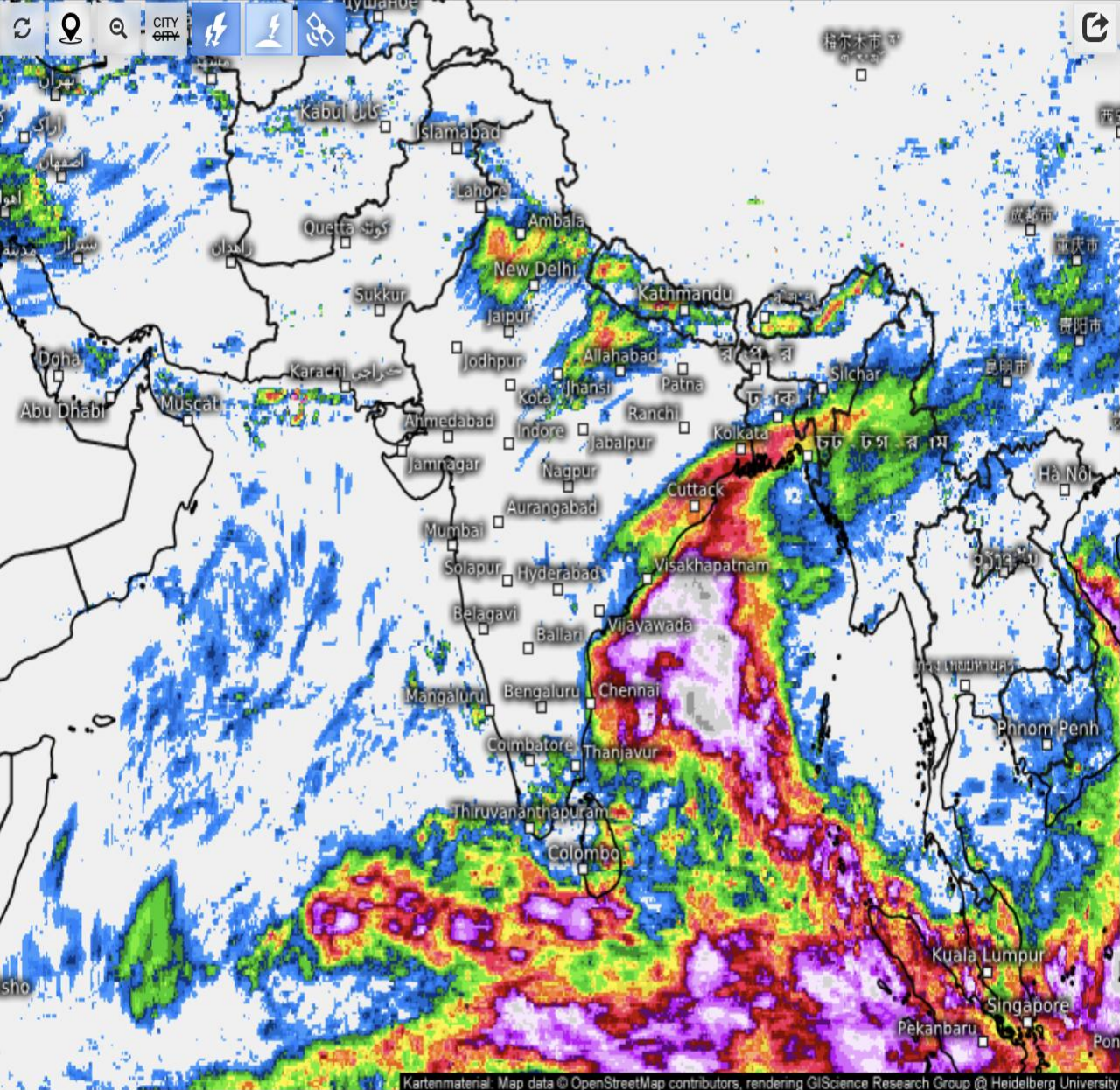
Thu 12/26/2024, 05:30am IST



Accumulated total precipitation (mm) [i](#)

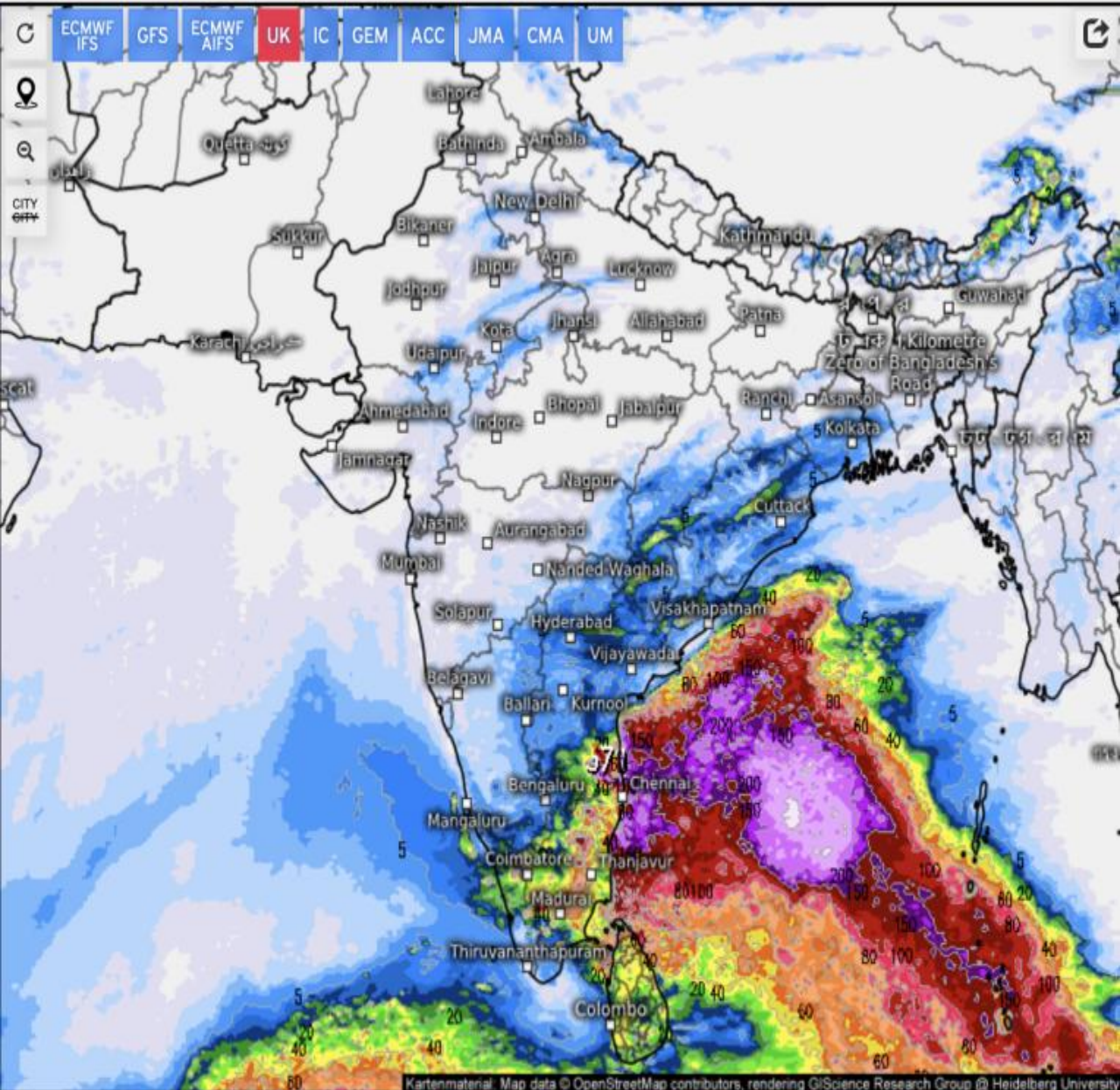
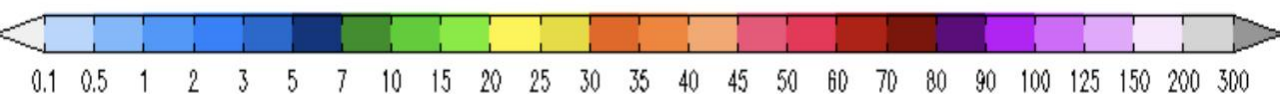
From Thu 12/19/2024, 05:30am IST
to Thu 12/26/2024, 05:30am IST





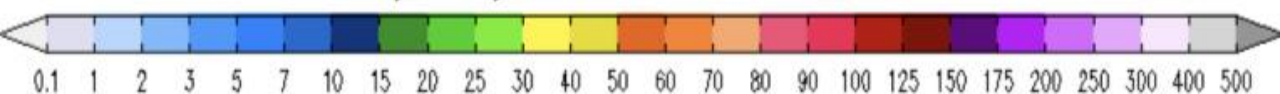
Accumulated Precipitation, 7 days (Satellite) (mm) 

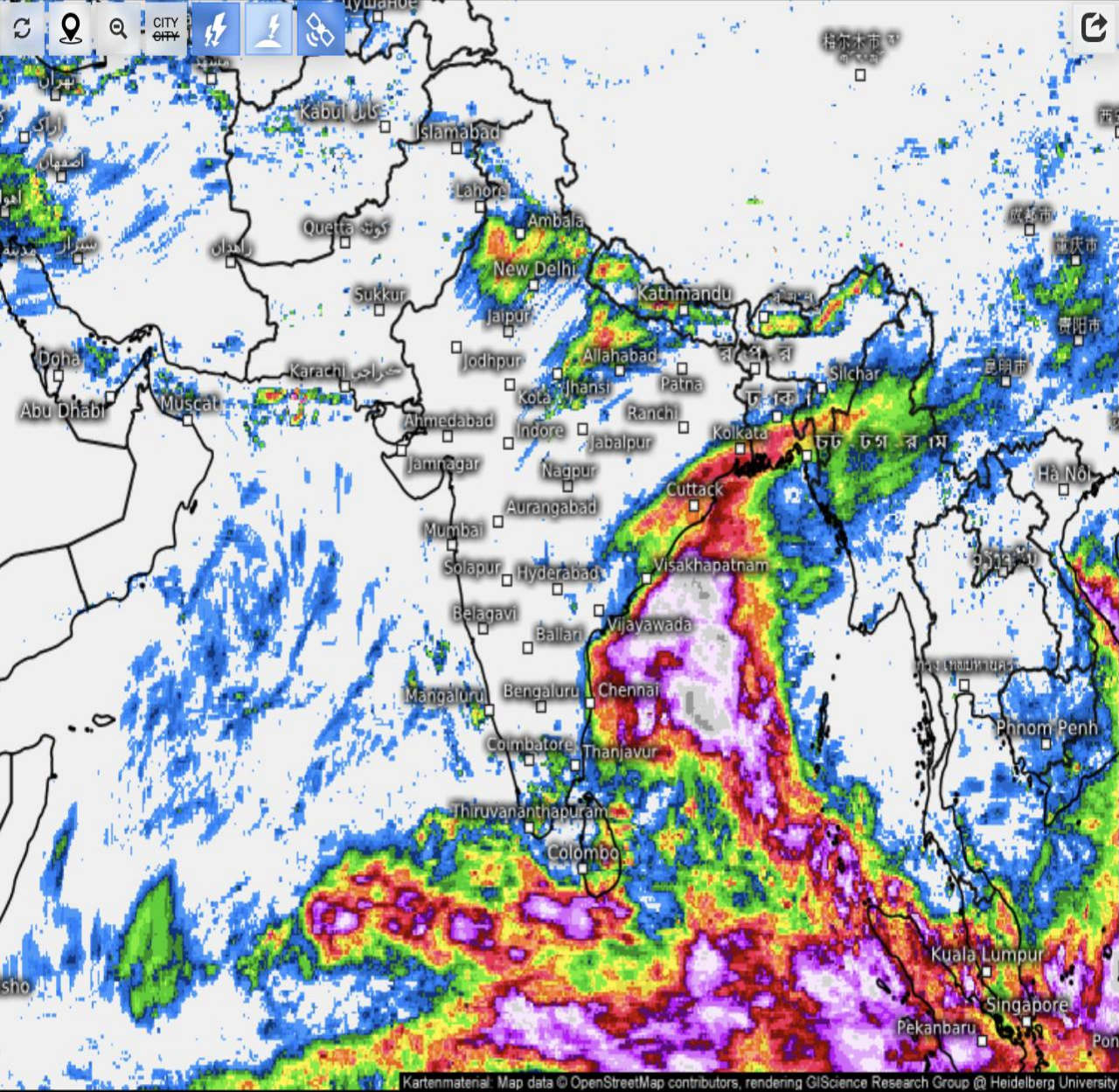
Thu 12/26/2024, 05:30am IST



Accumulated total precipitation (mm)

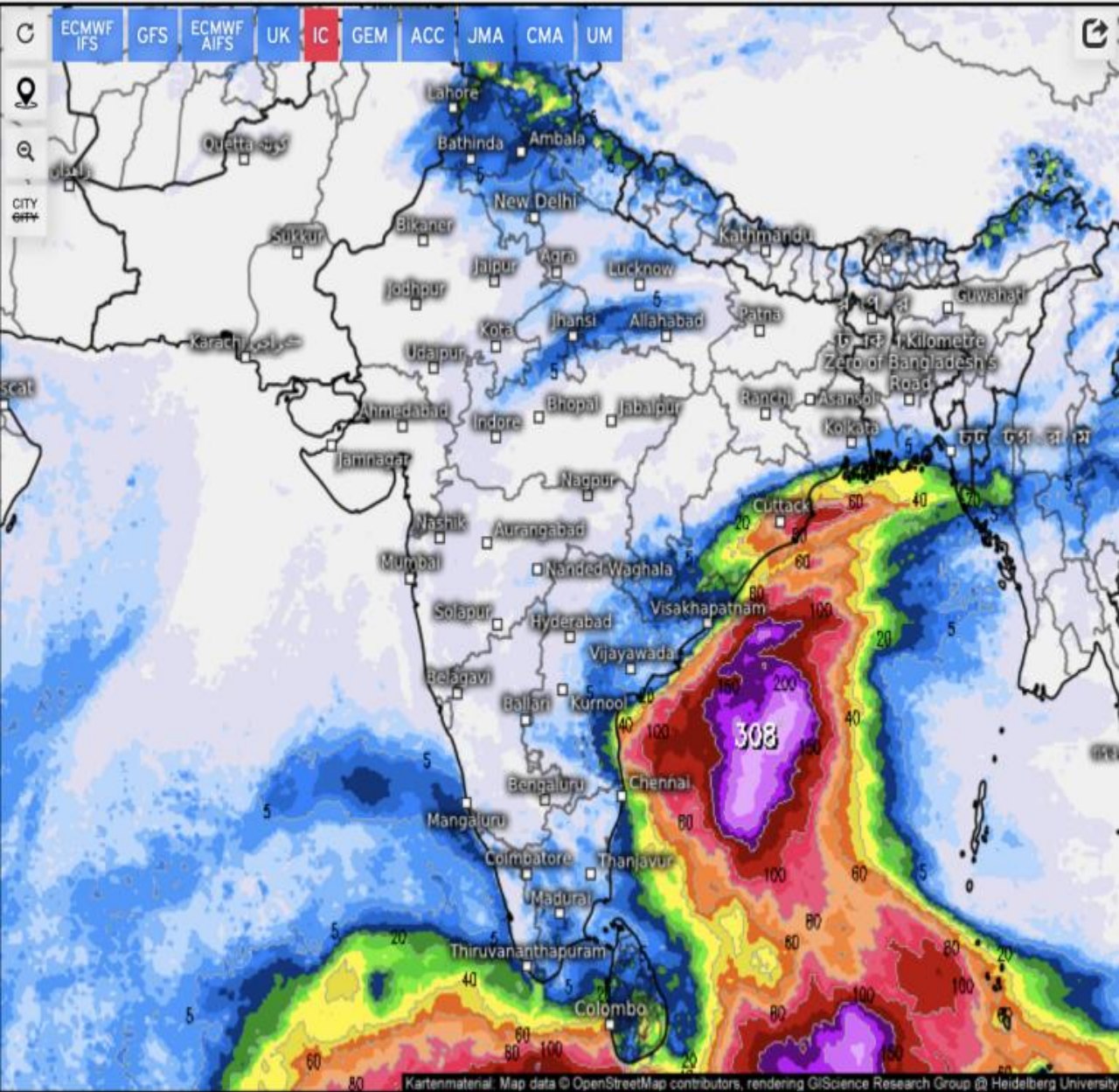
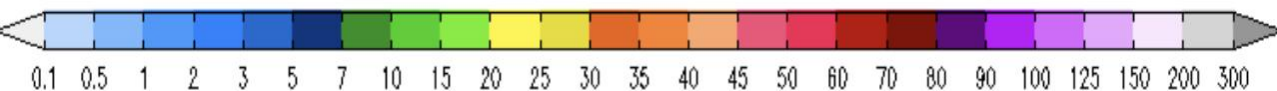
From Thu 12/19/2024, 05:30am IST
to Thu 12/26/2024, 05:30am IST





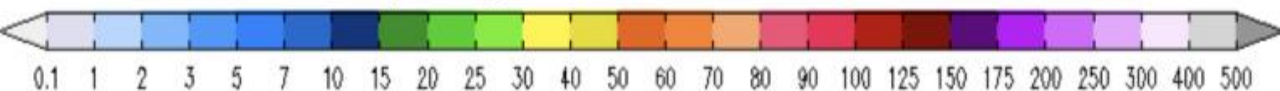
Accumulated Precipitation, 7 days (Satellite) (mm) [i](#)

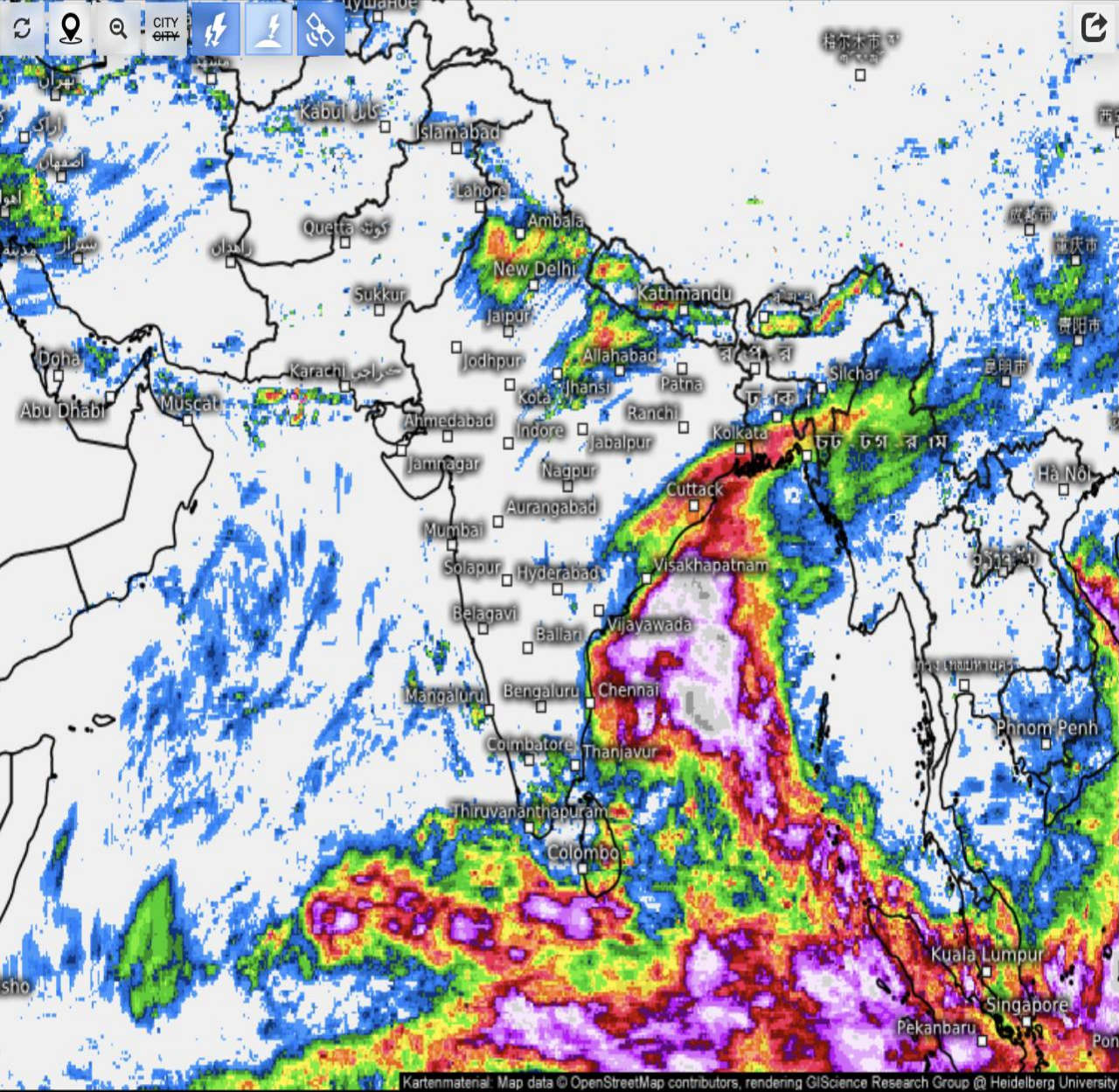
Thu 12/26/2024, 05:30am IST



Accumulated total precipitation (mm) [i](#)

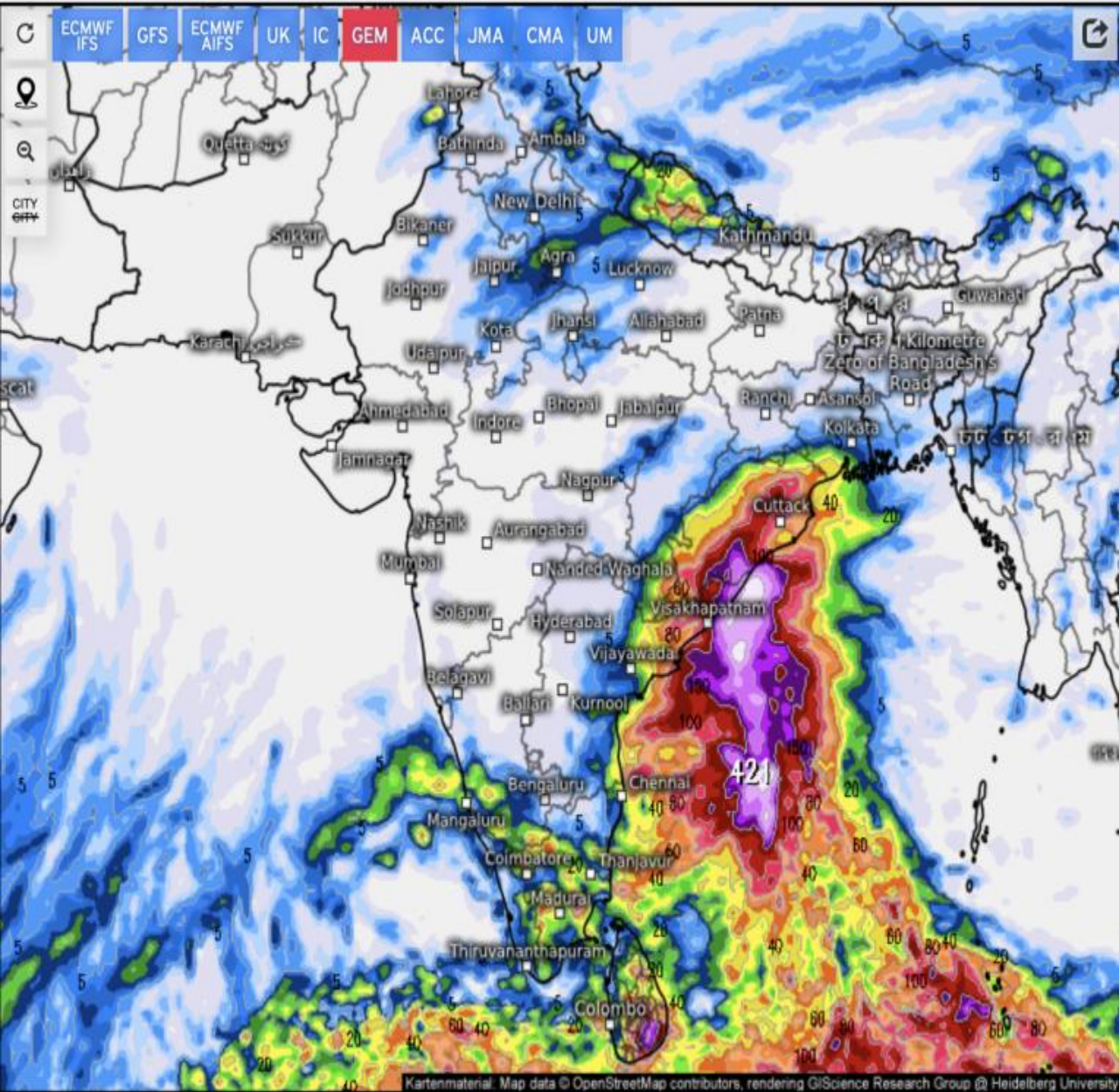
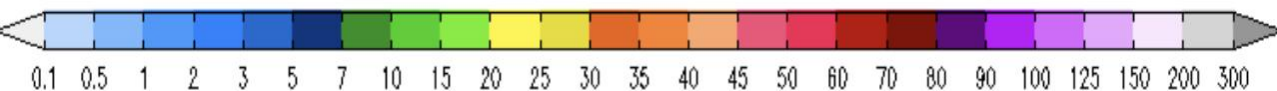
From Thu 12/19/2024, 05:30am IST
to Thu 12/26/2024, 05:30am IST





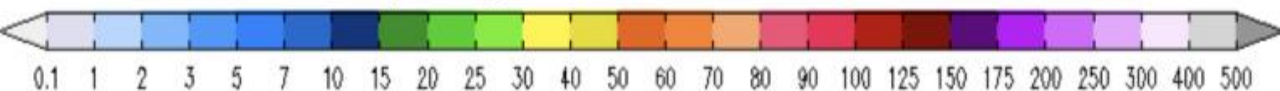
Accumulated Precipitation, 7 days (Satellite) (mm) ⓘ

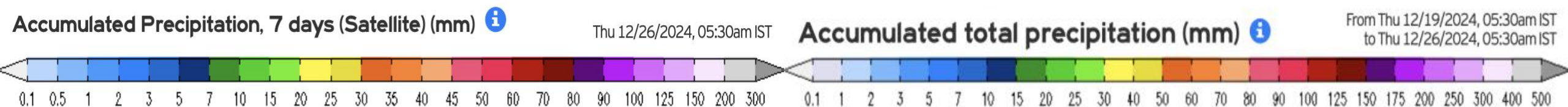
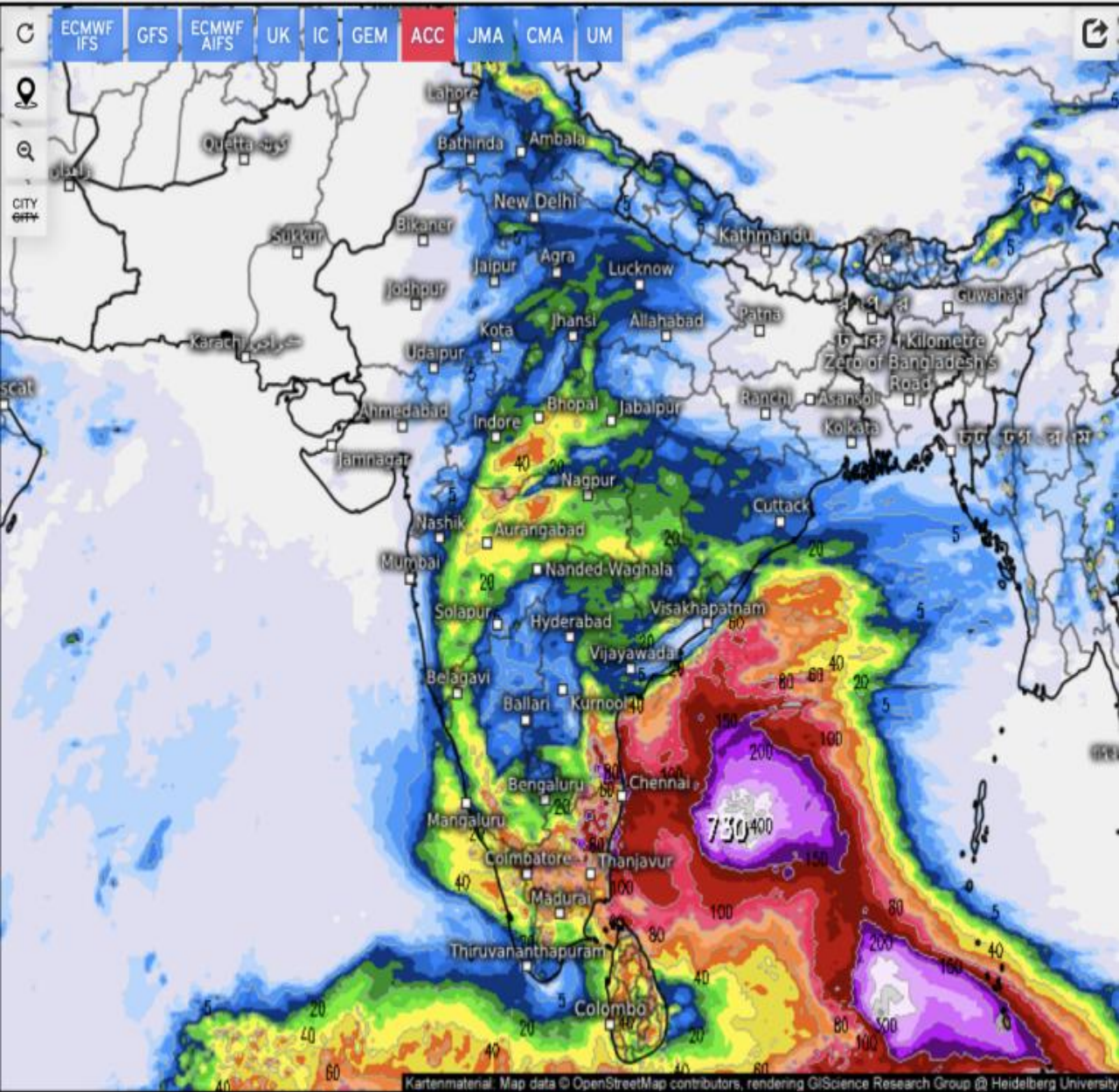
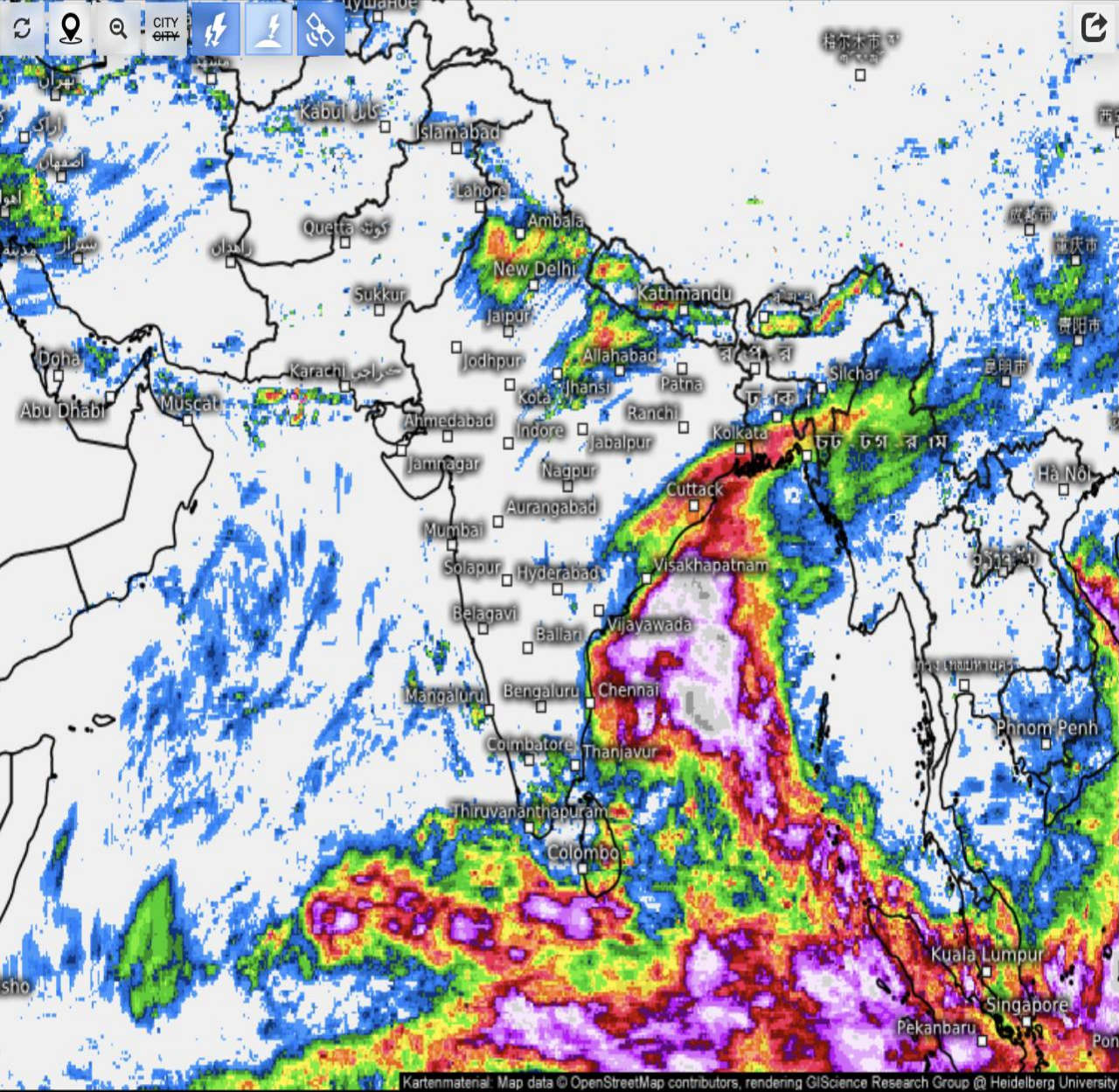
Thu 12/26/2024, 05:30am IST

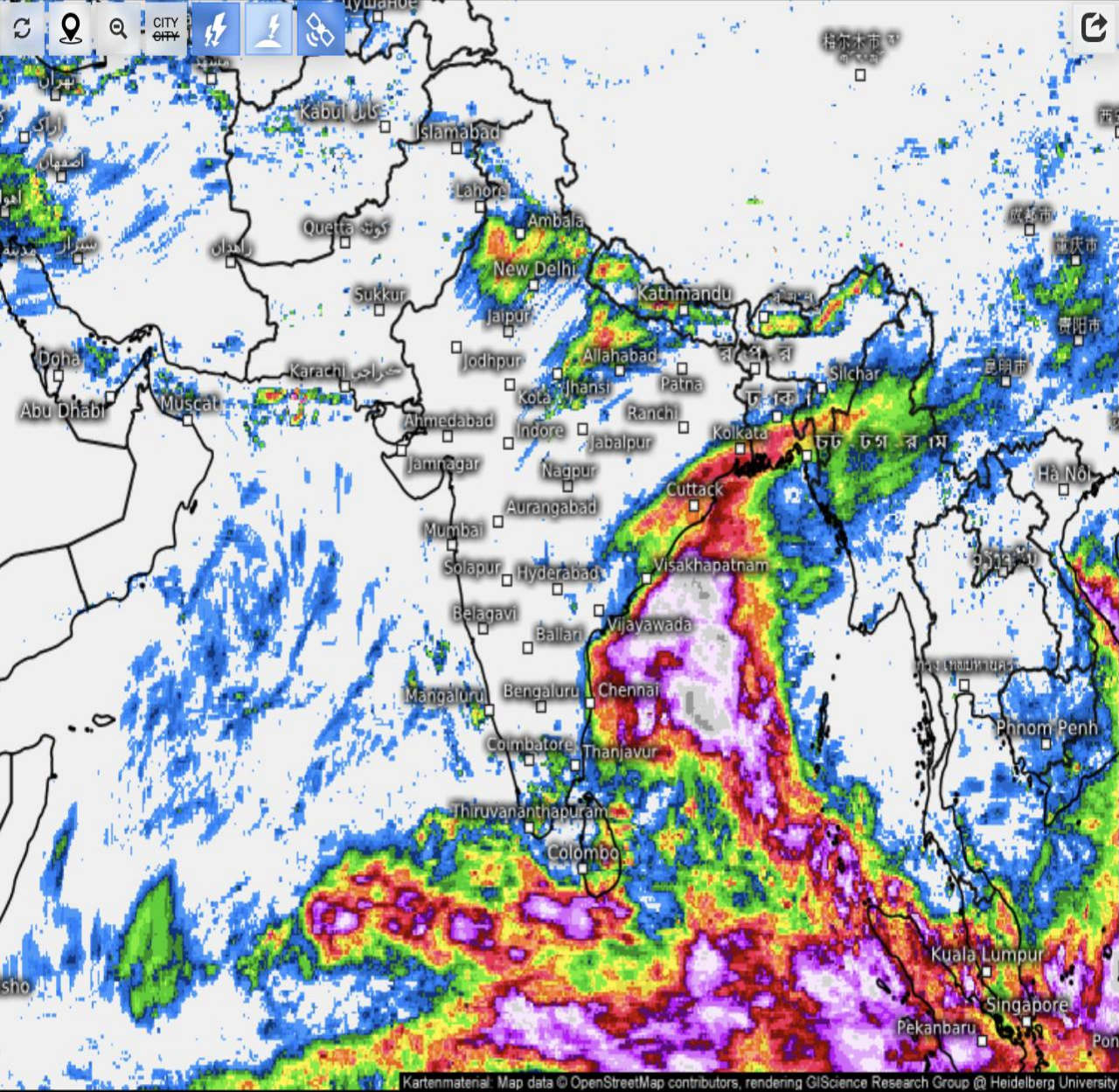


Accumulated total precipitation (mm) ⓘ

From Thu 12/19/2024, 05:30am IST
to Thu 12/26/2024, 05:30am IST

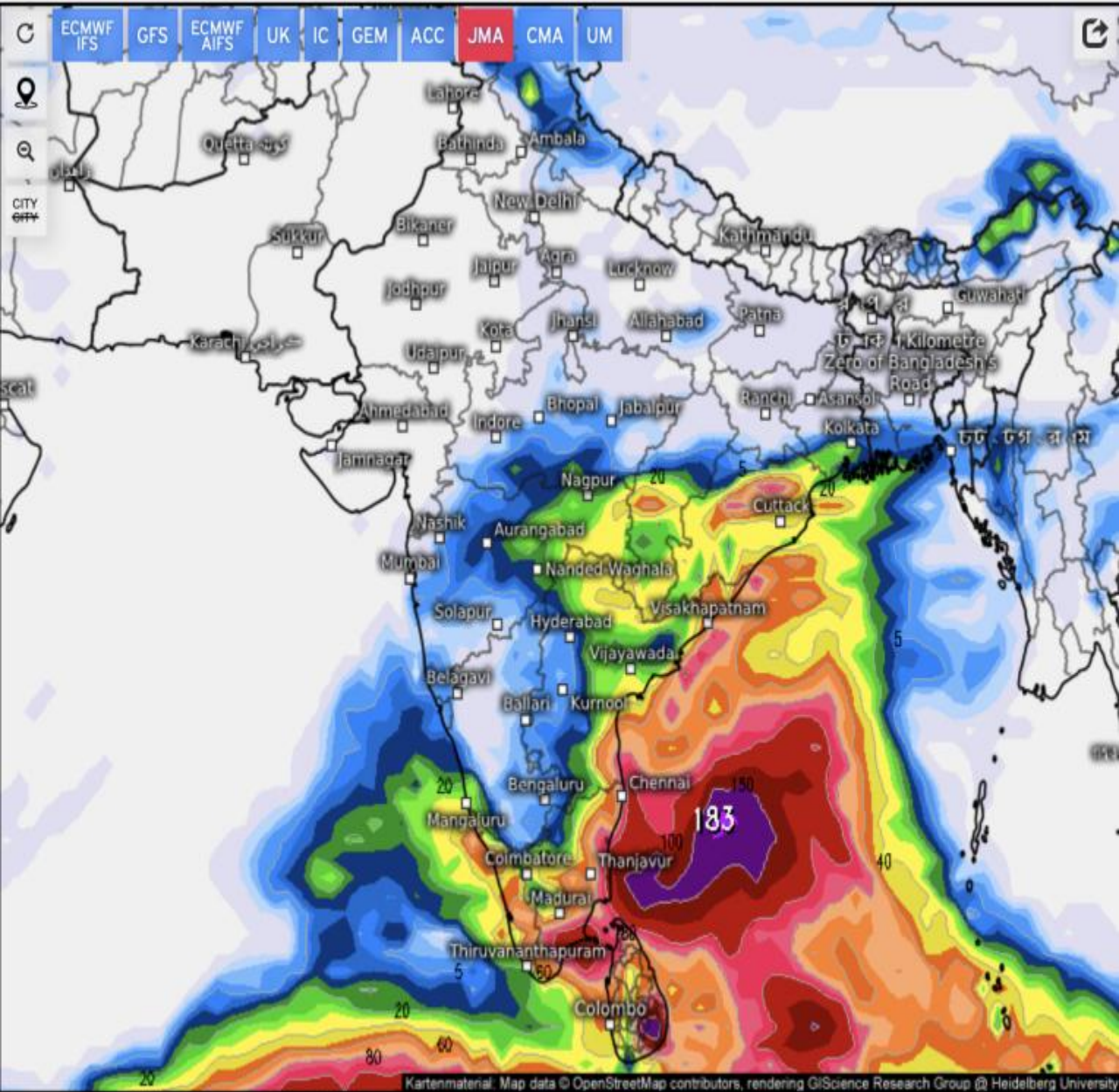
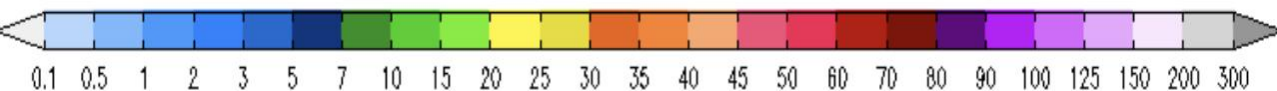






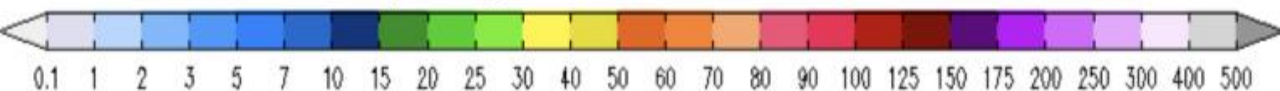
Accumulated Precipitation, 7 days (Satellite) (mm) ⓘ

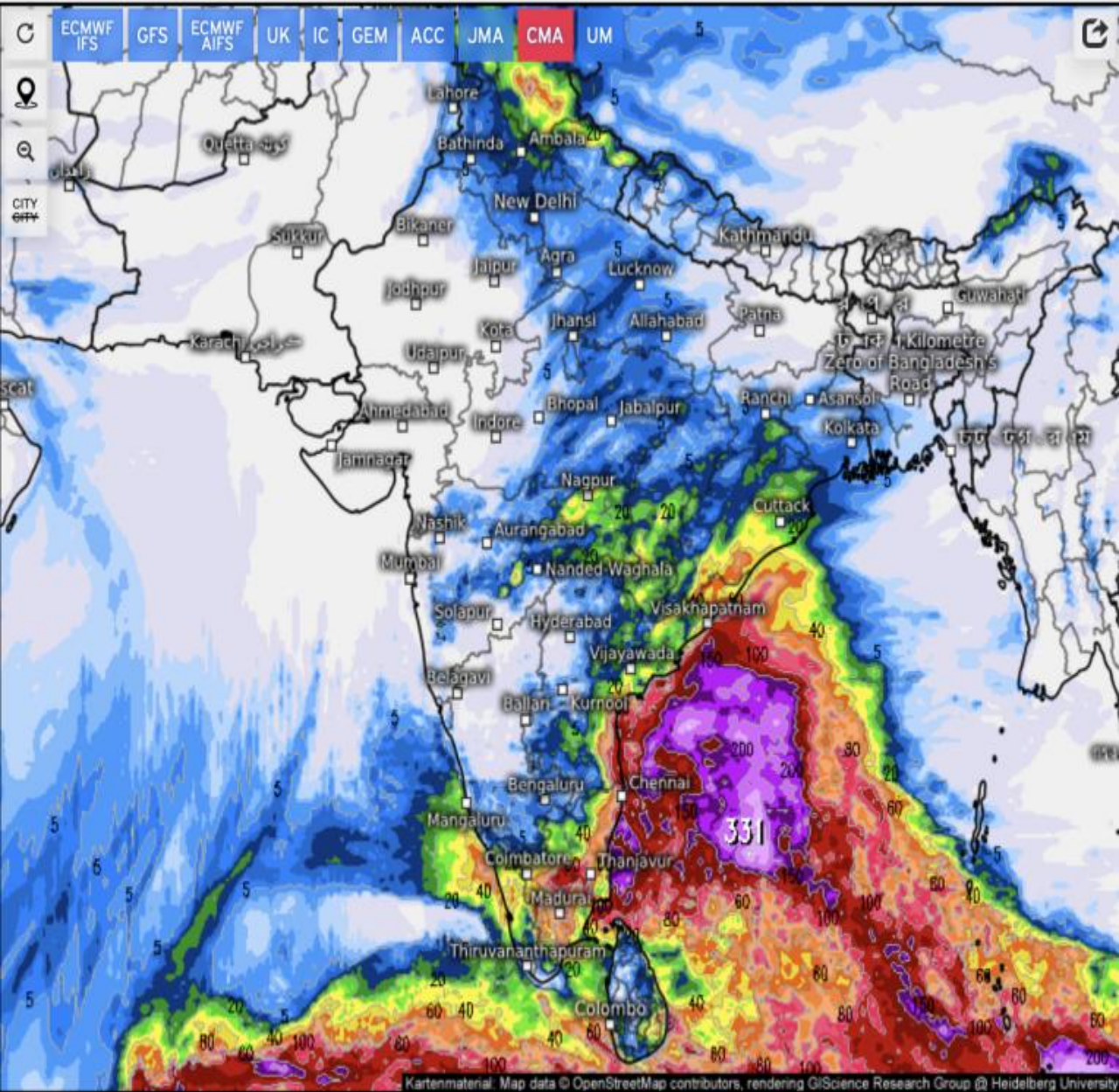
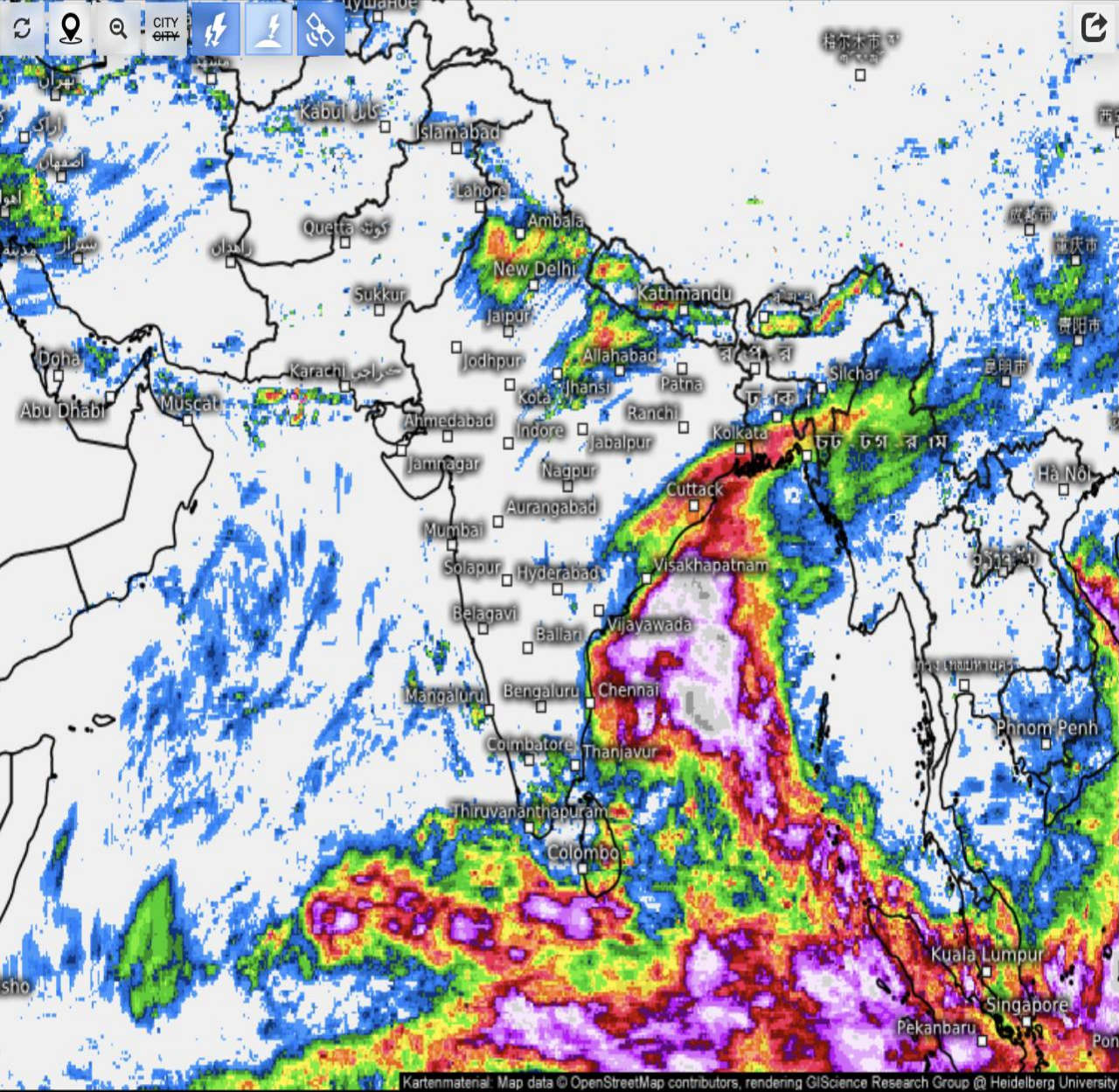
Thu 12/26/2024, 05:30am IST



Accumulated total precipitation (mm)

From Wed 12/18/2024, 05:30pm IST
to Thu 12/26/2024, 05:30am IST



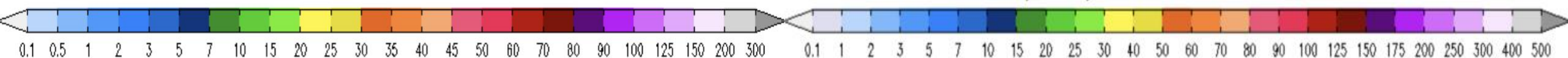


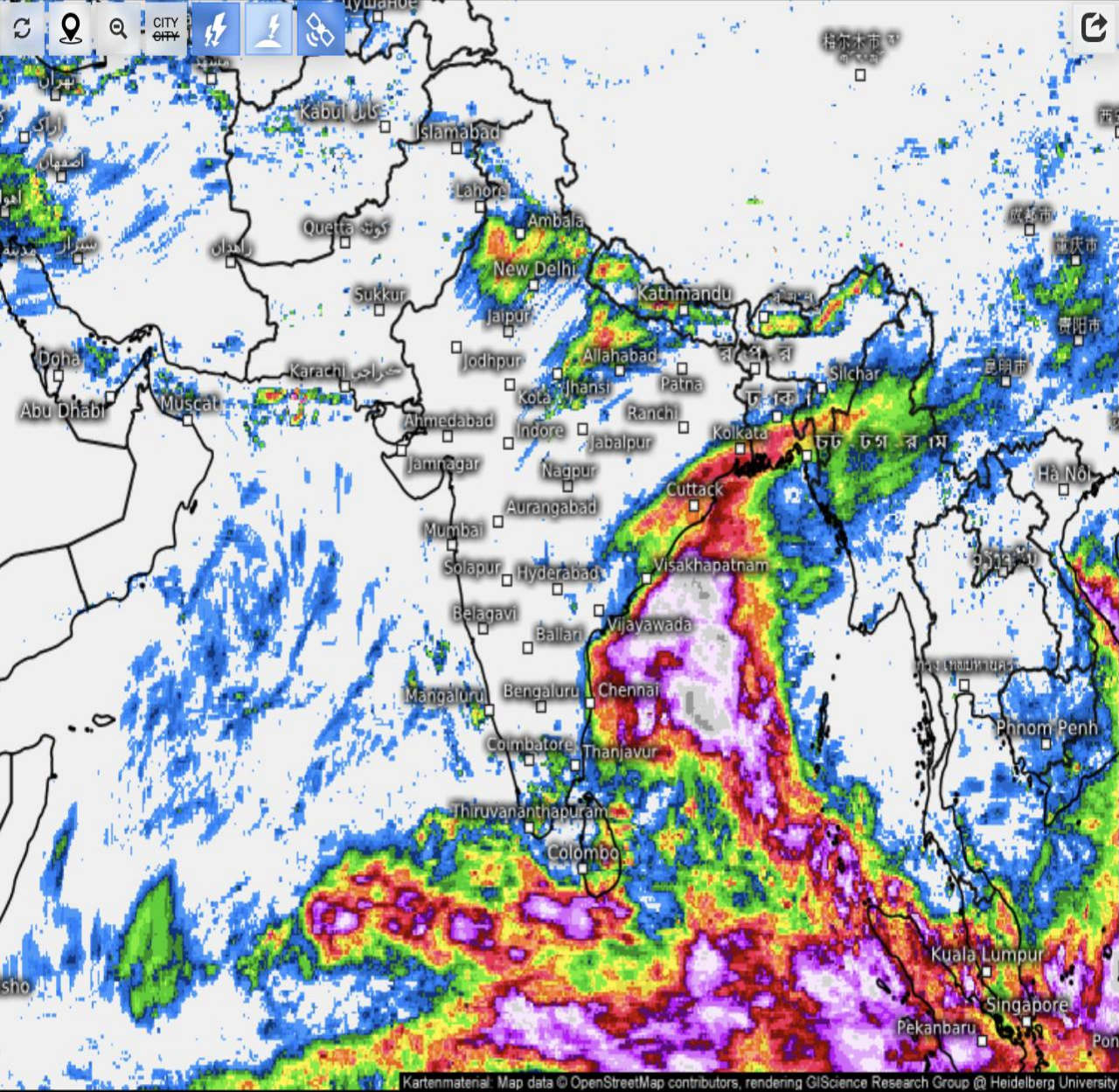
Accumulated Precipitation, 7 days (Satellite) (mm)

Thu 12/26/2024, 05:30am IST

Accumulated total precipitation (mm)

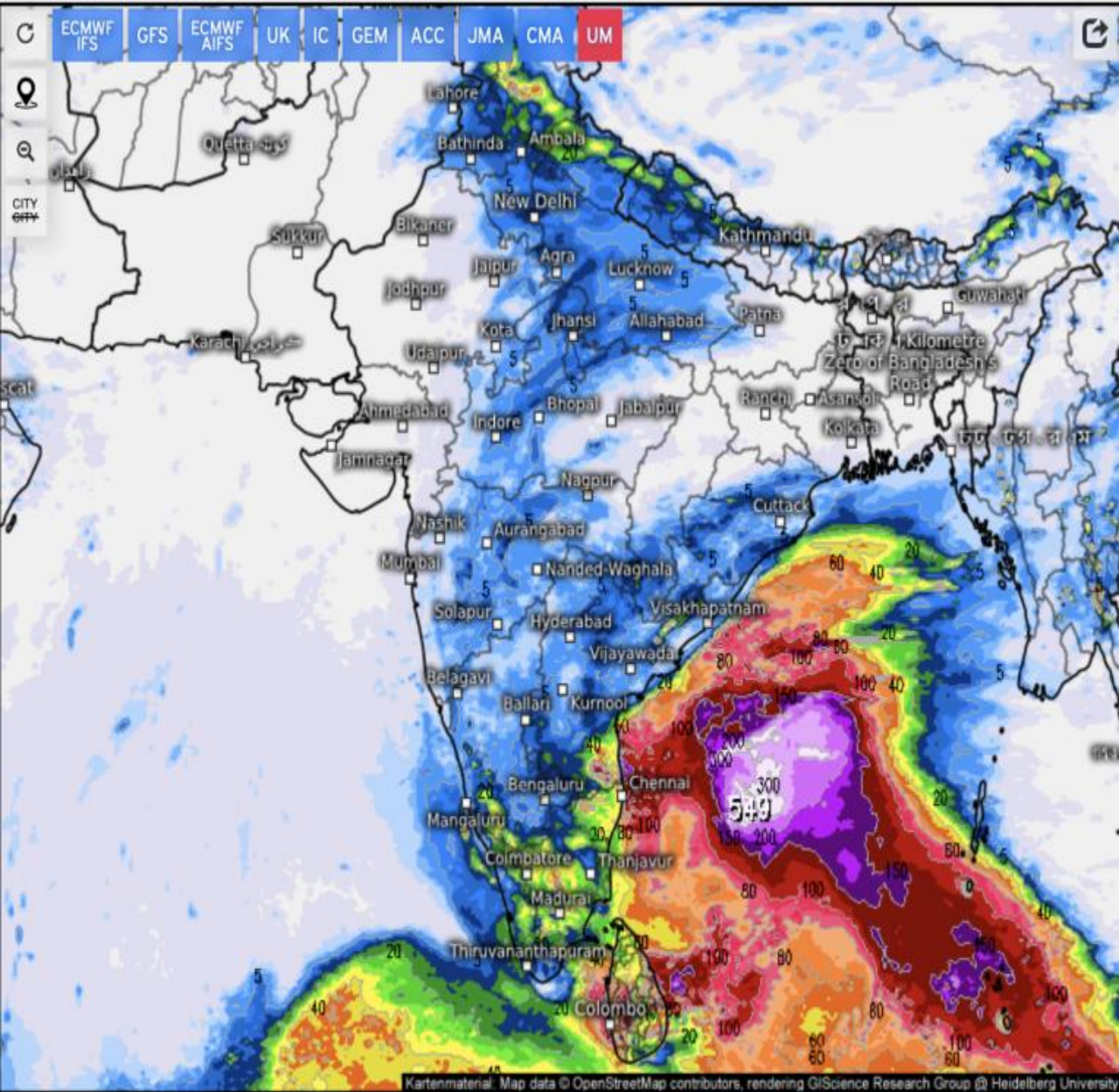
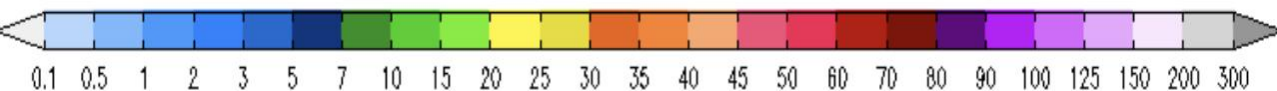
From Wed 12/18/2024, 05:30pm IST
to Thu 12/26/2024, 05:30am IST





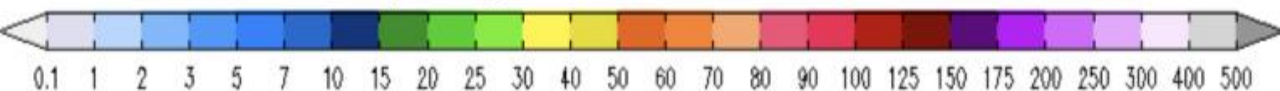
Accumulated Precipitation, 7 days (Satellite) (mm) 

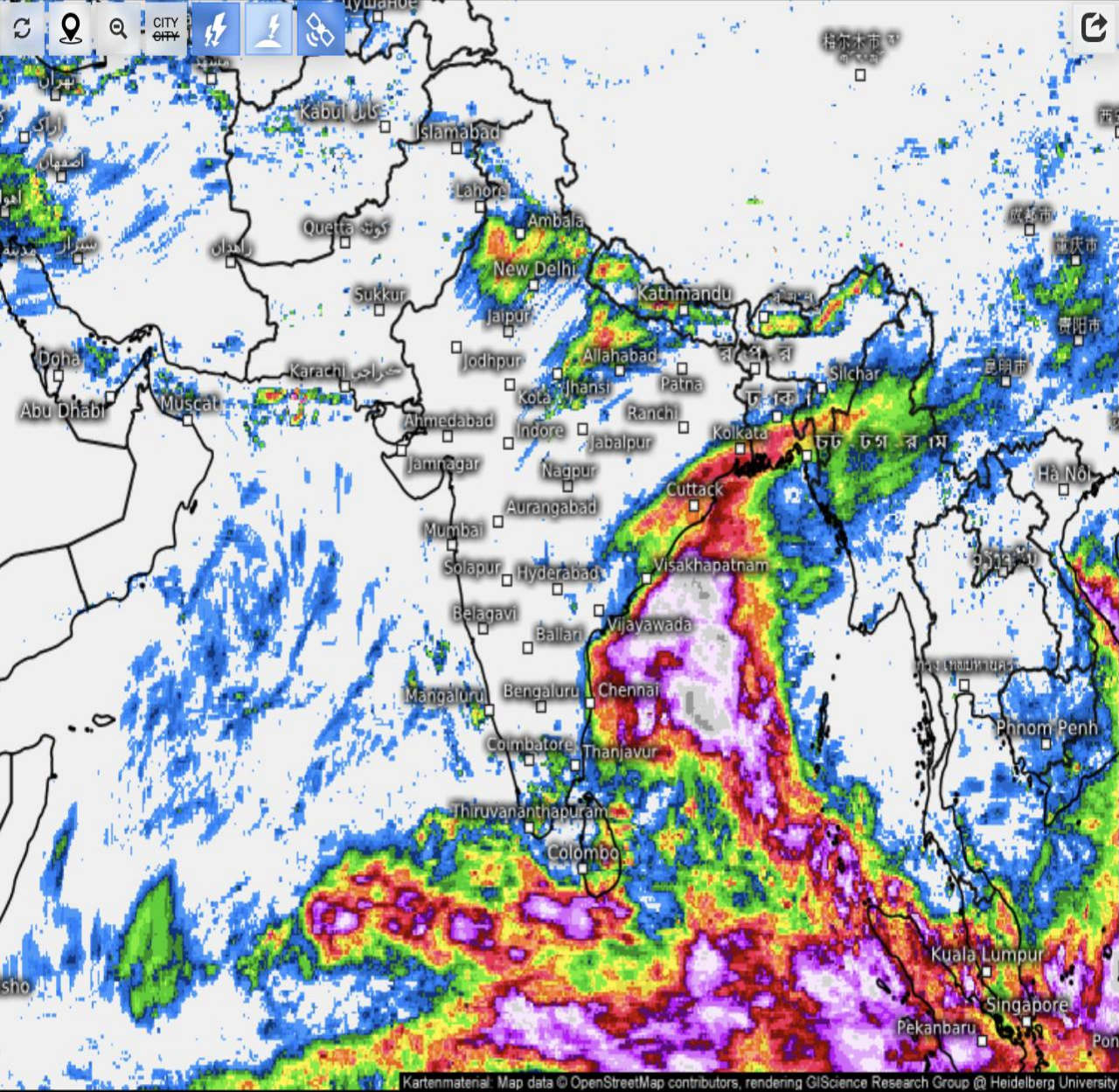
Thu 12/26/2024, 05:30am IST



Accumulated total precipitation (mm)

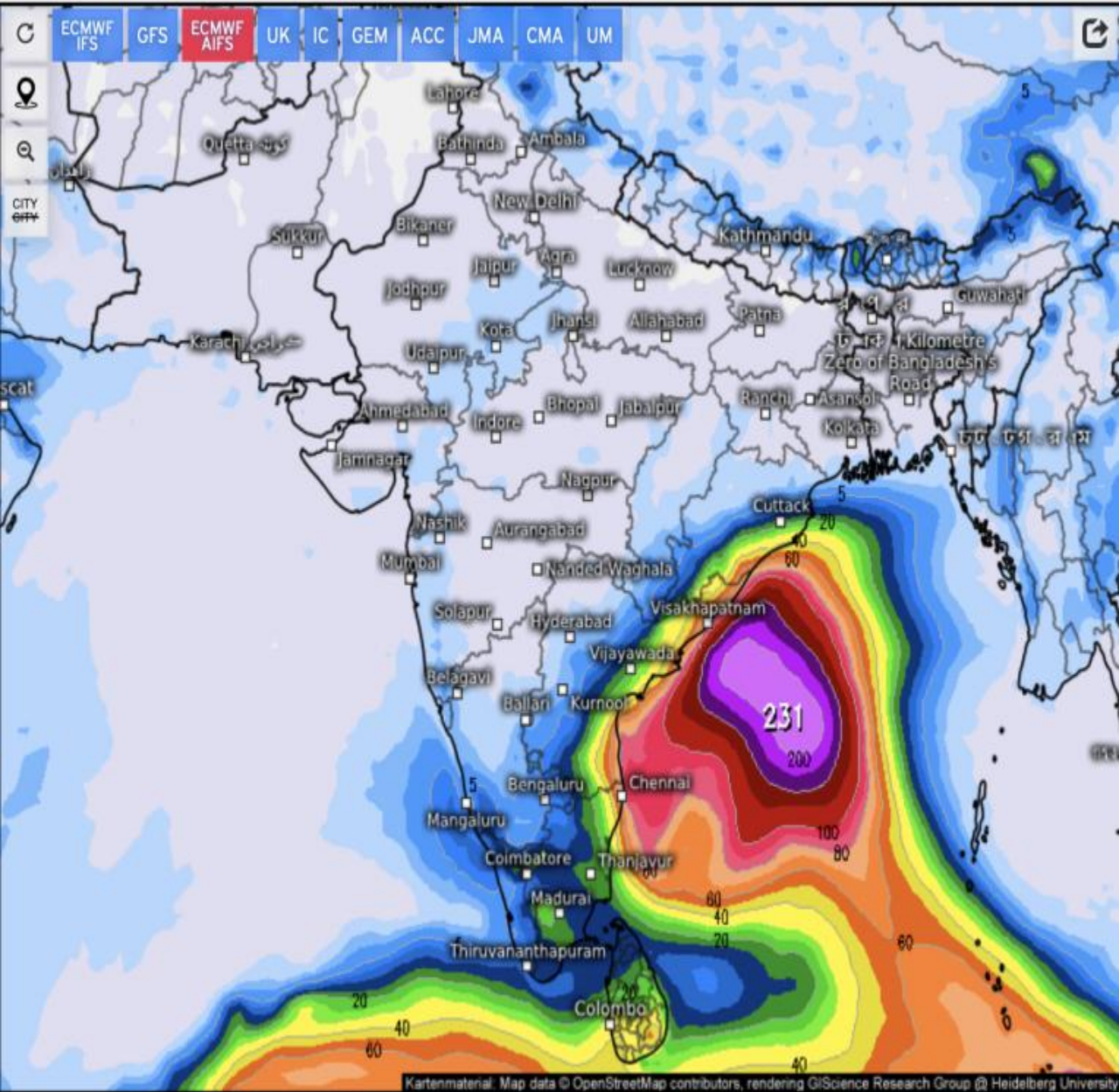
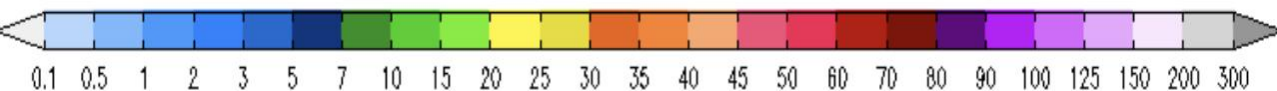
From Wed 12/18/2024, 05:30pm IST
to Thu 12/26/2024, 05:30am IST





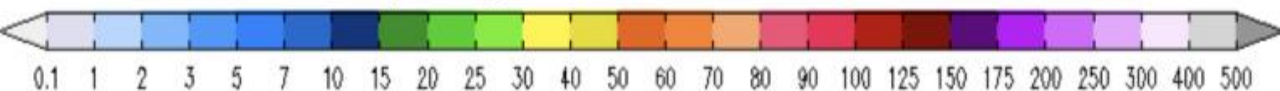
Accumulated Precipitation, 7 days (Satellite) (mm)

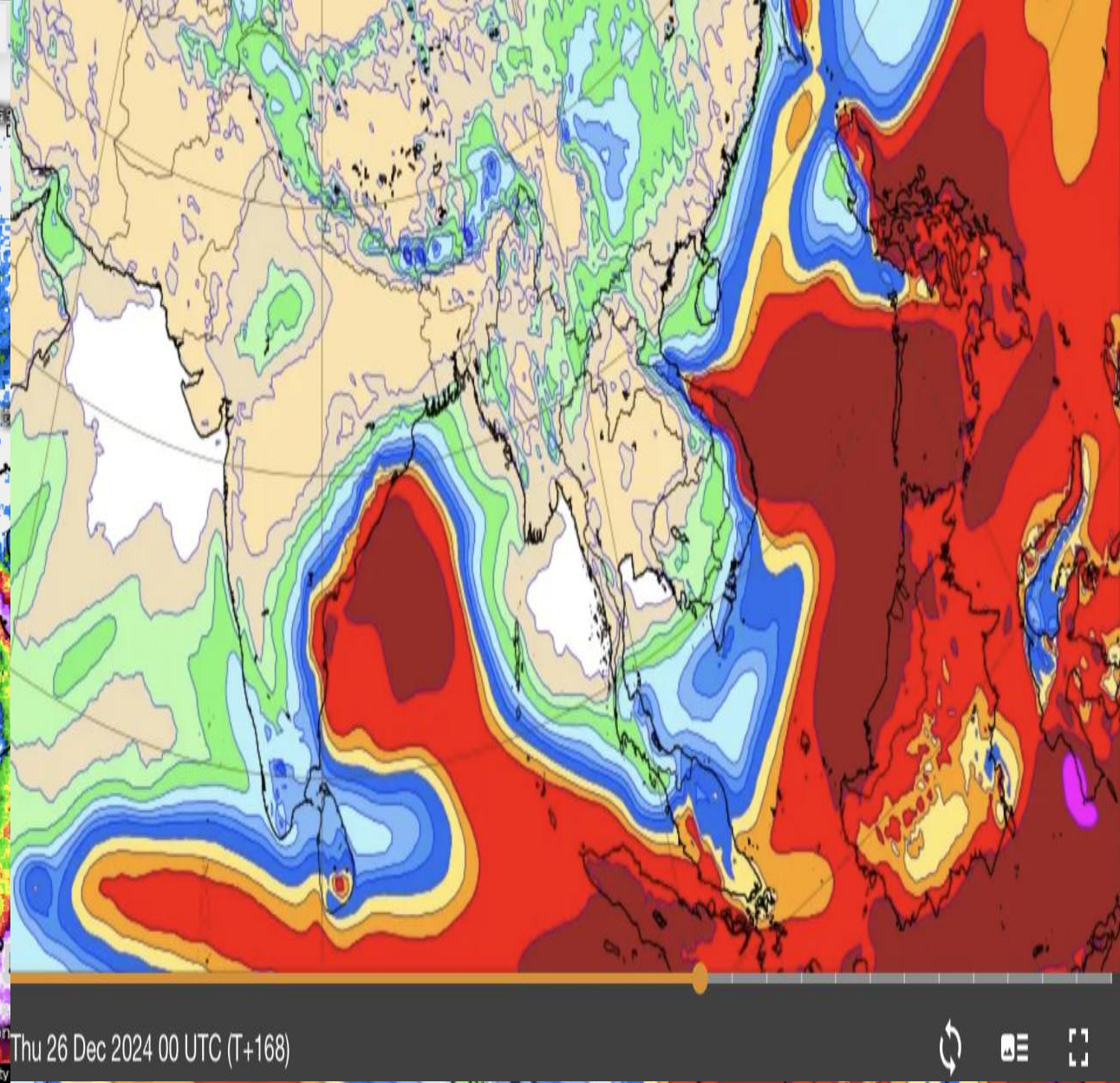
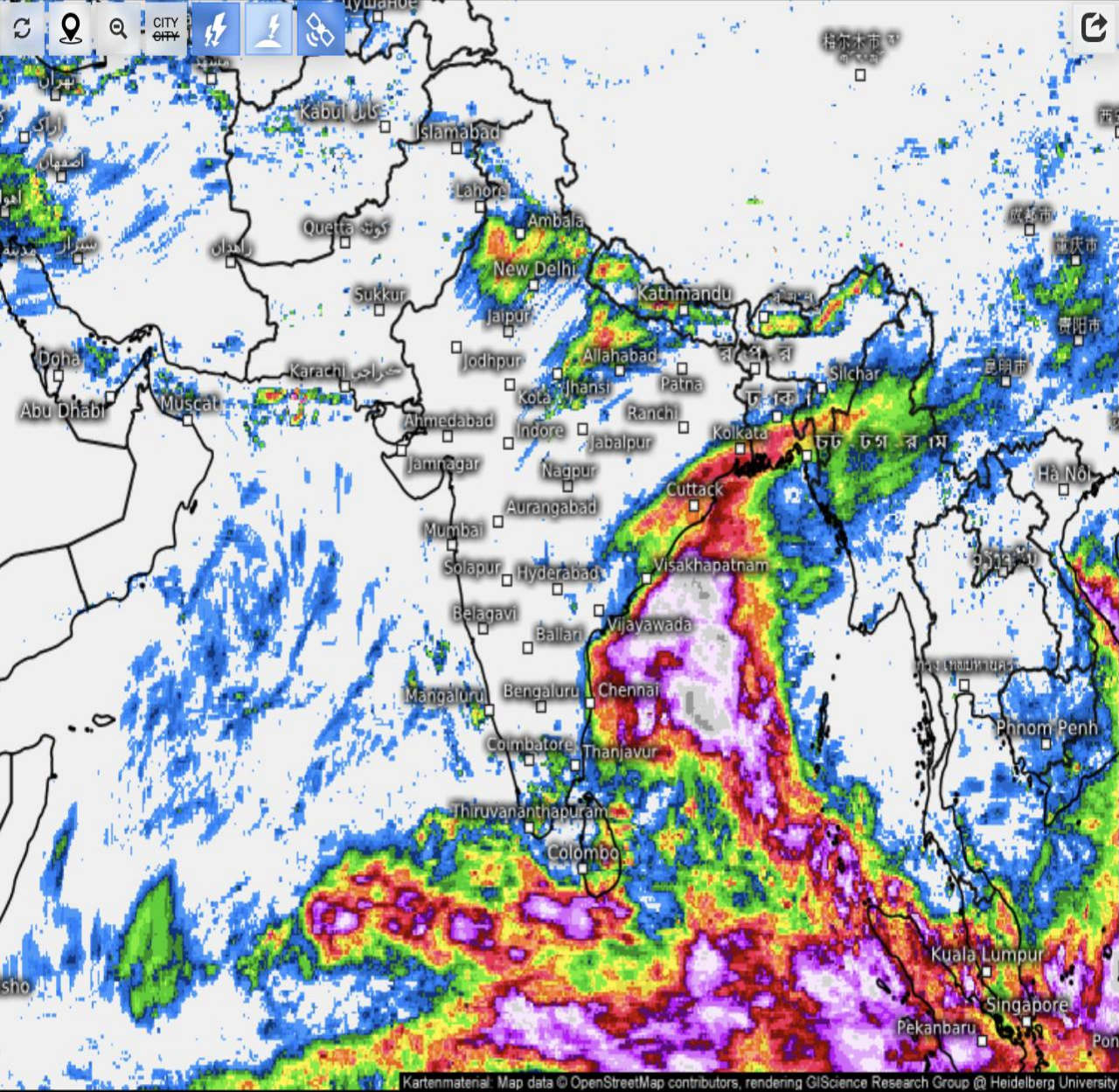
Thu 12/26/2024, 05:30am IST



Accumulated total precipitation (mm)

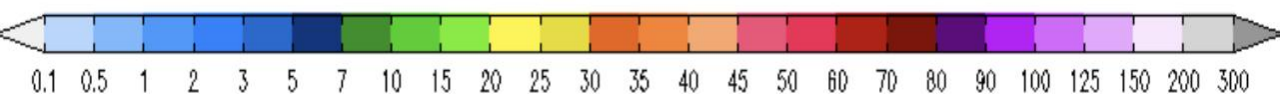
From Thu 12/19/2024, 05:30am IST
to Thu 12/26/2024, 05:30am IST



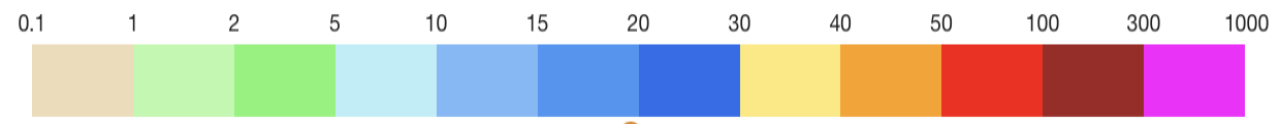


Accumulated Precipitation, 7 days (Satellite) (mm)

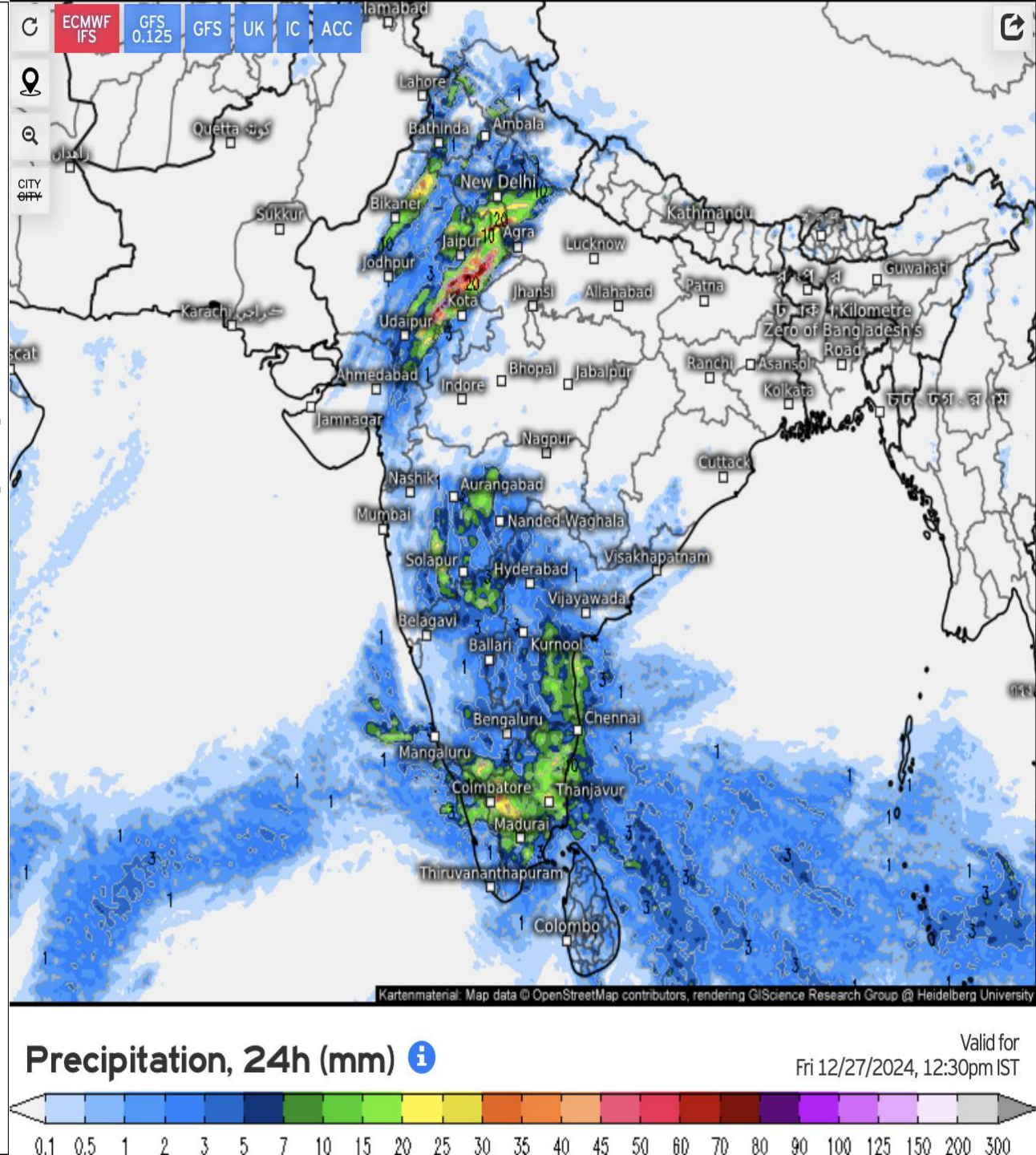
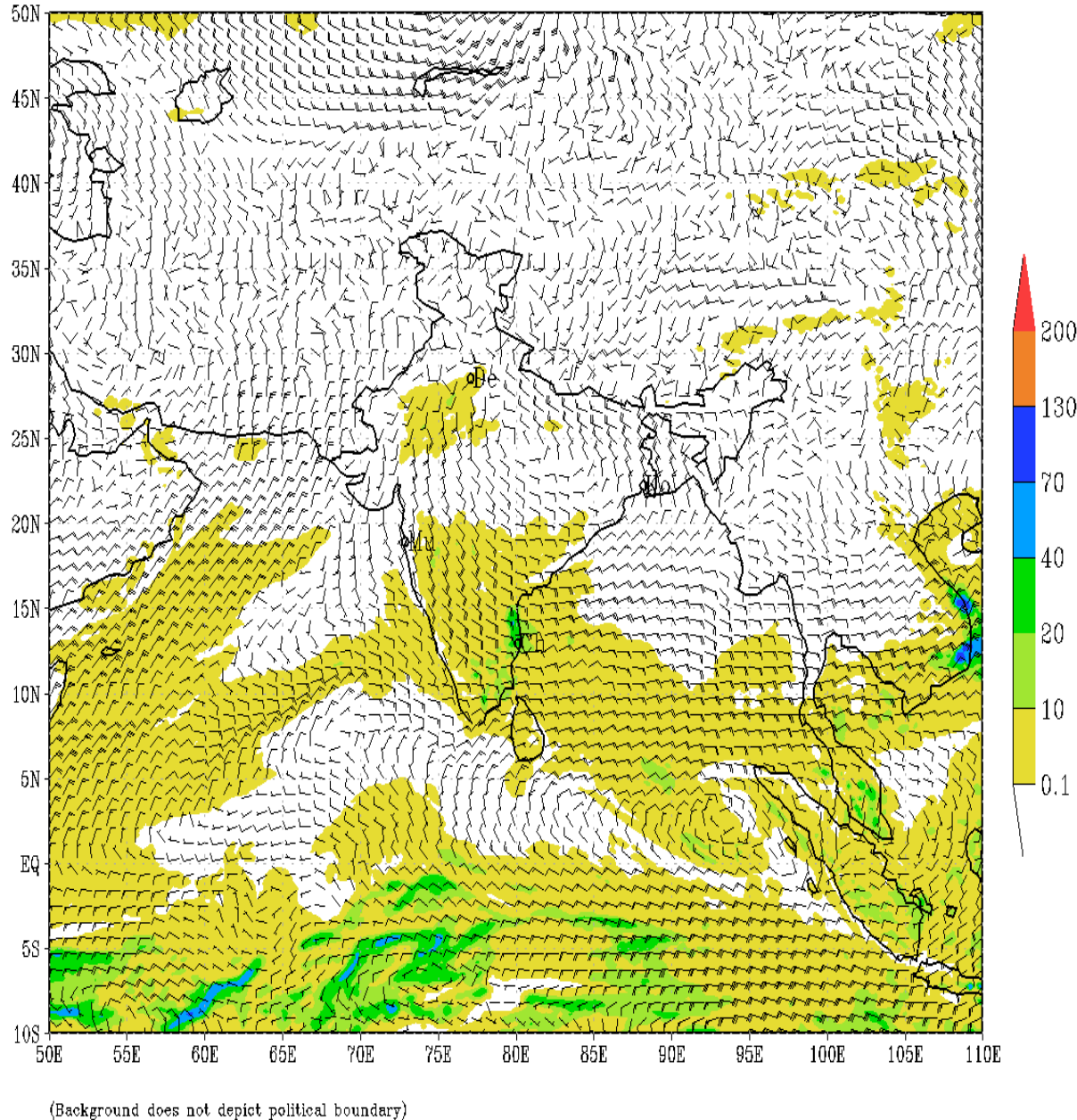
Thu 12/26/2024, 05:30am IST



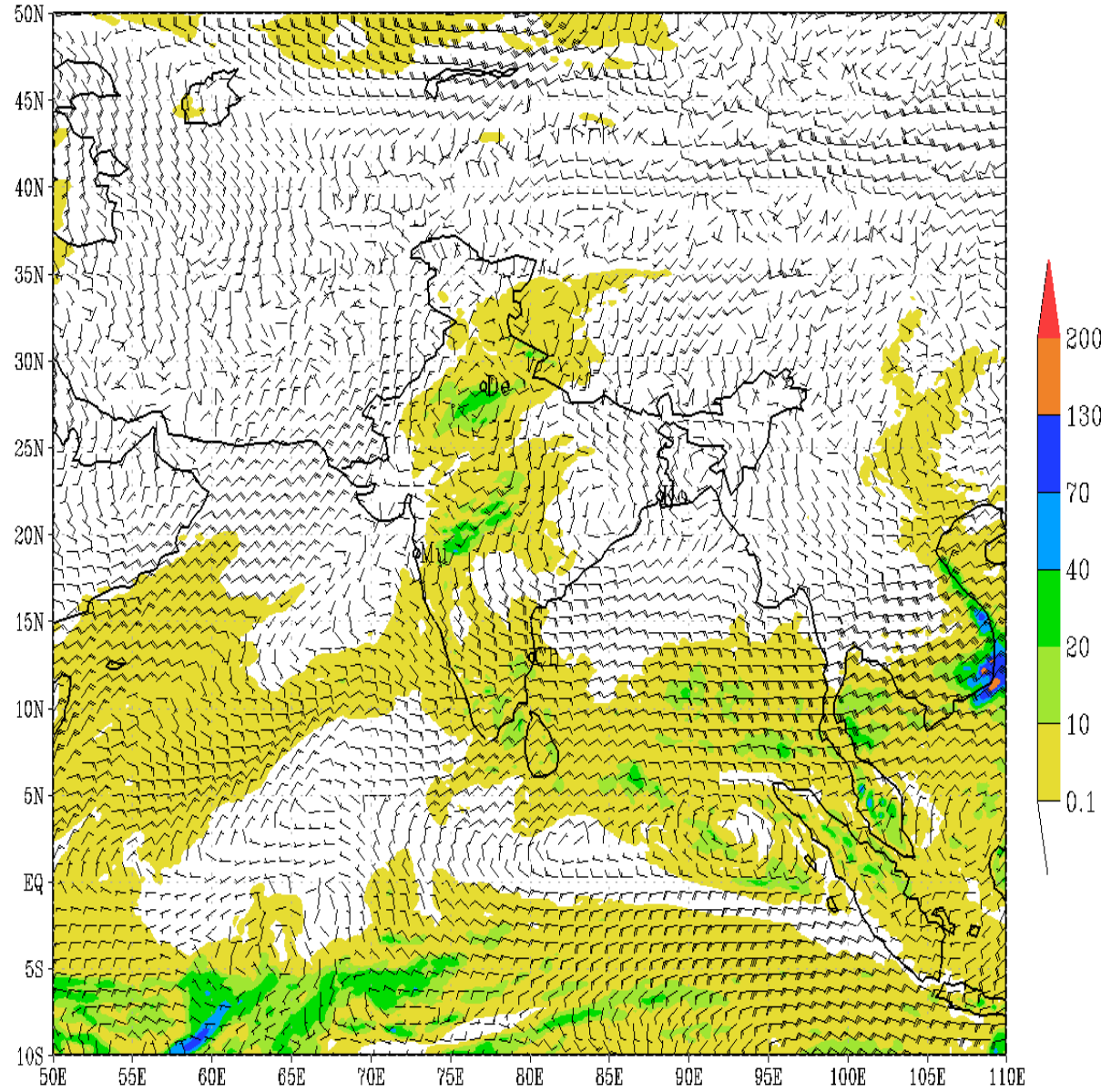
Experimental: GraphCast (Google Deepmind) ML model: Total accumulated precipitation (mm)



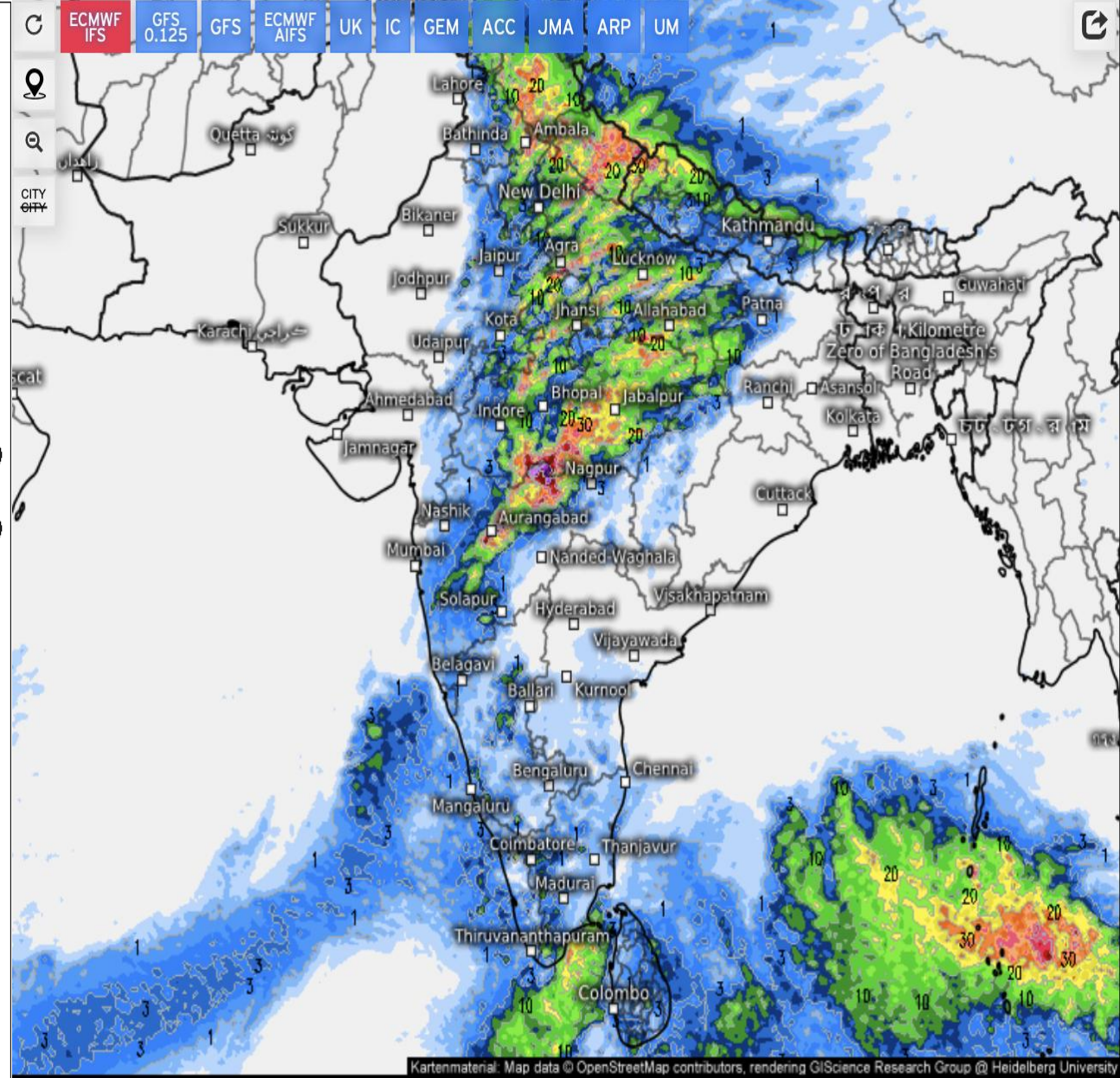
IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (24 HR)
based on 00 UTC of 26-12-2024 valid for 03 UTC of 27-12-2024



IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (48 HR)
based on 00 UTC of 26-12-2024 valid for 03 UTC of 28-12-2024

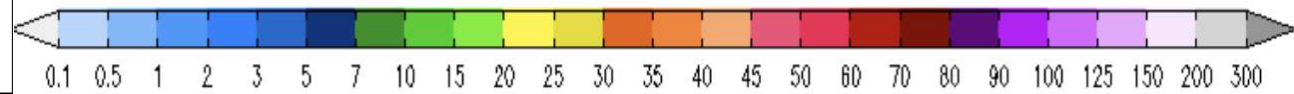


(Background does not depict political boundary)

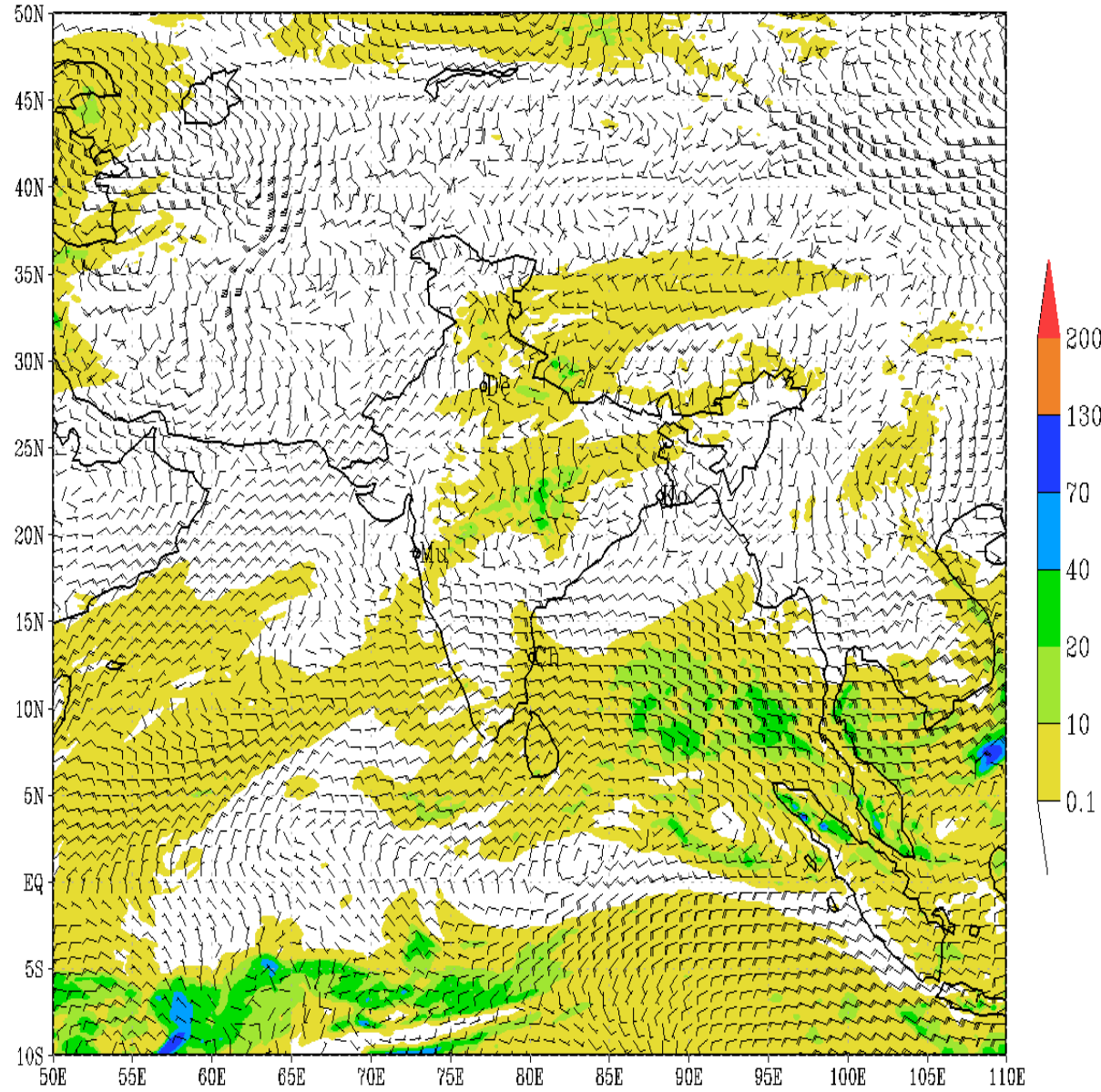


Precipitation, 24h (mm)

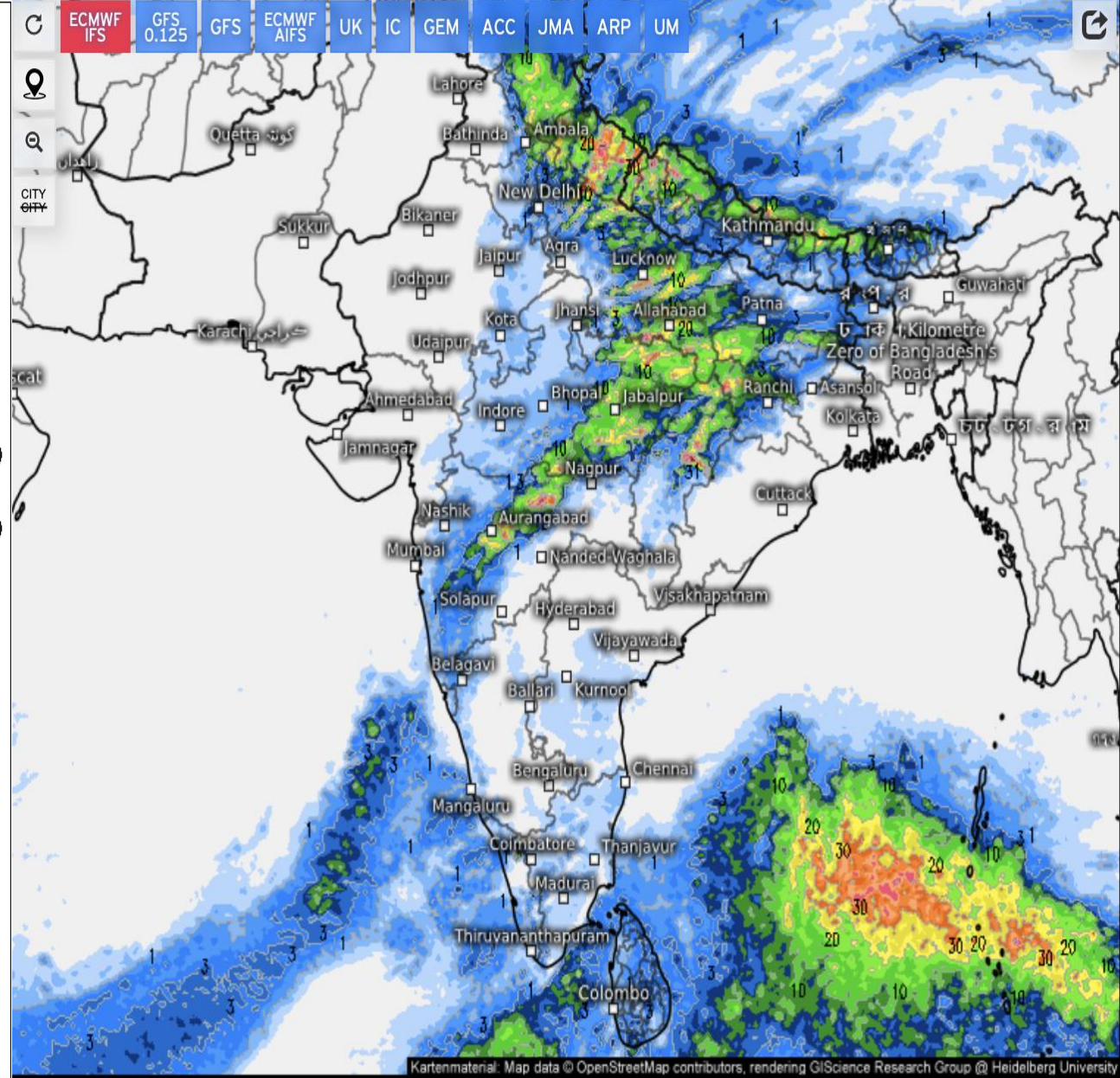
Valid for
Sat 12/28/2024, 05:30pm IST



IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (72 HR)
based on 00 UTC of 26-12-2024 valid for 03 UTC of 29-12-2024

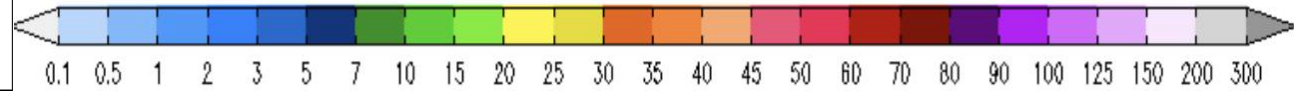


(Background does not depict political boundary)

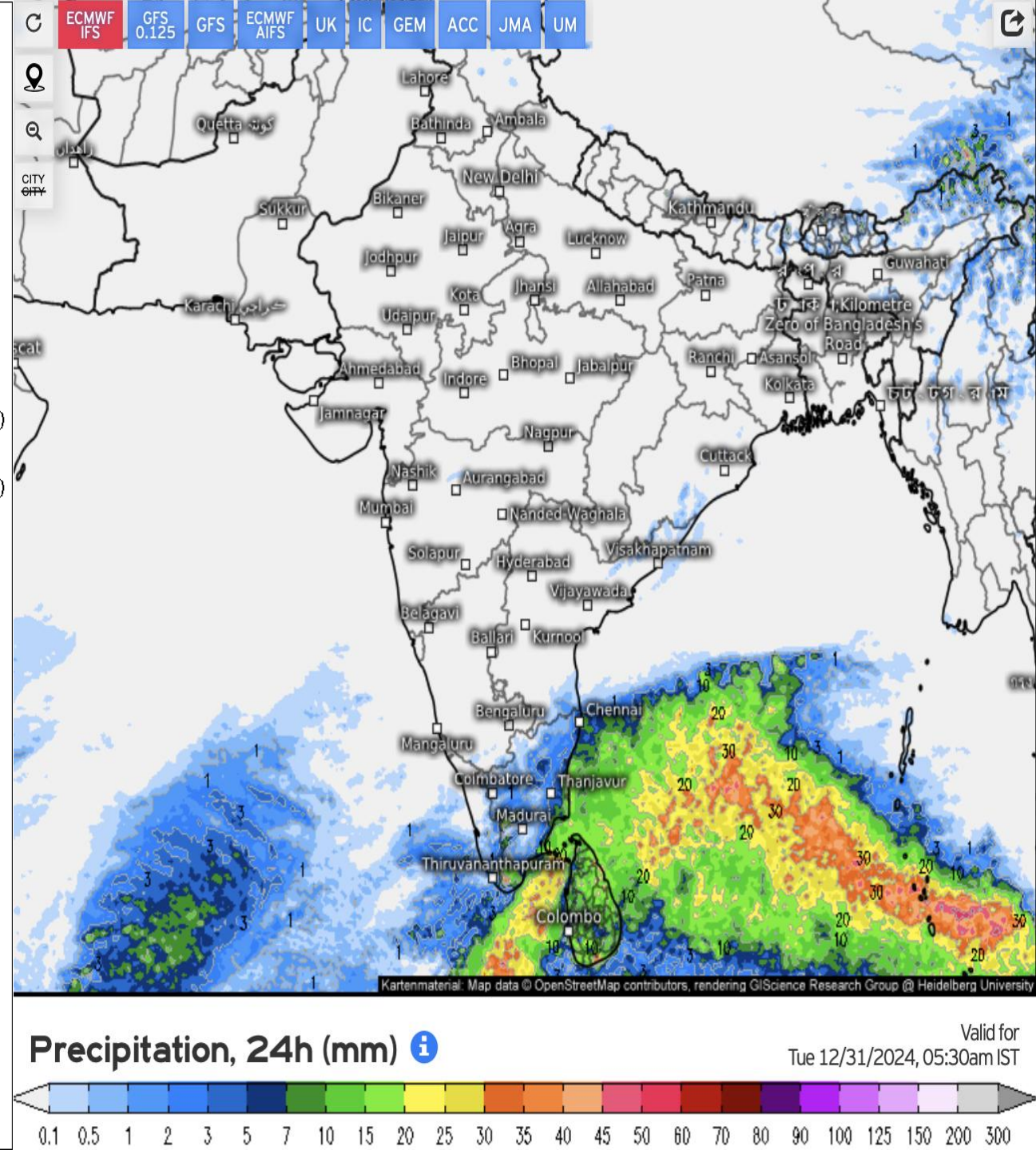
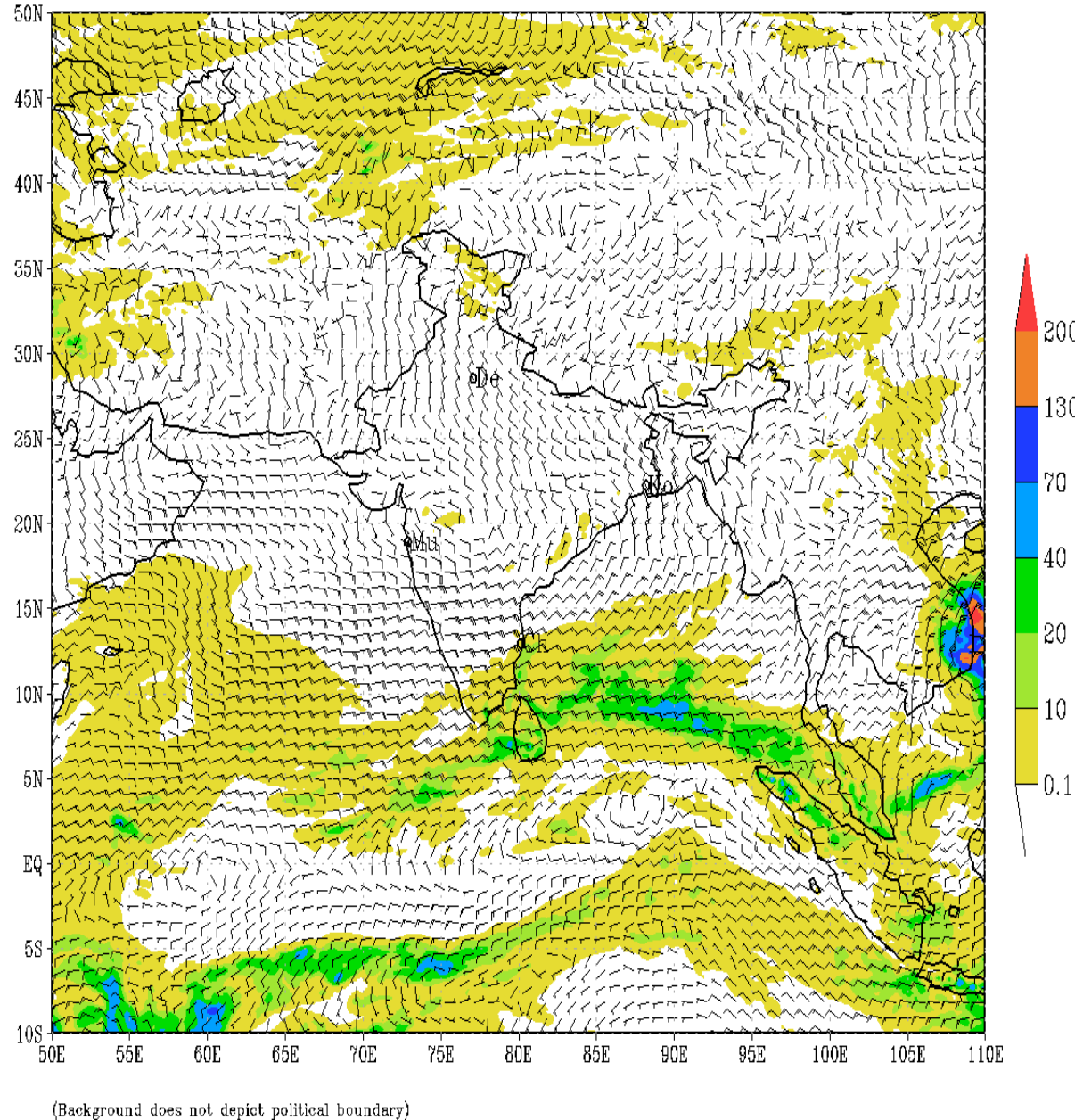


Precipitation, 24h (mm)

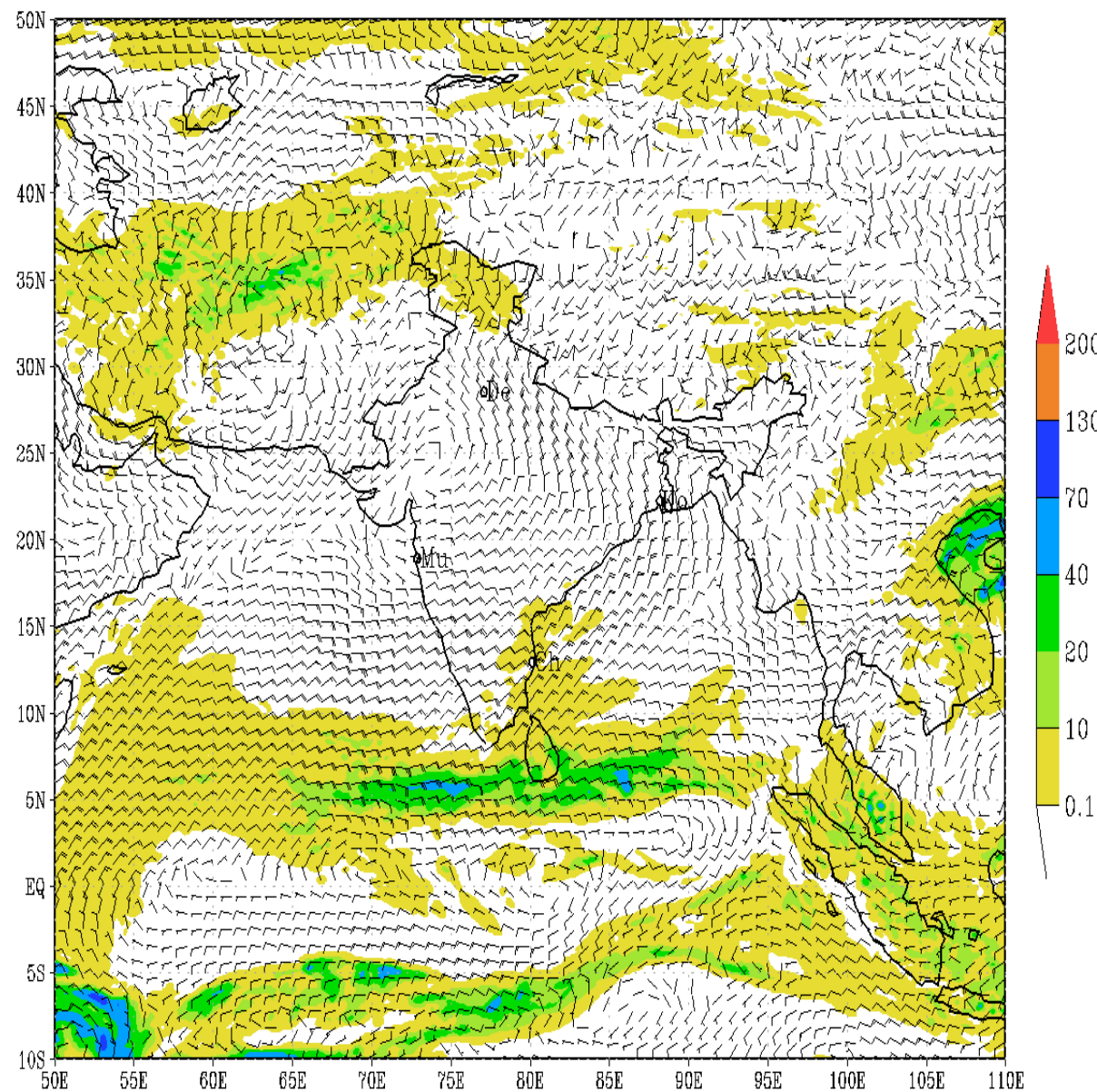
Valid for
Sun 12/29/2024, 05:30am IST



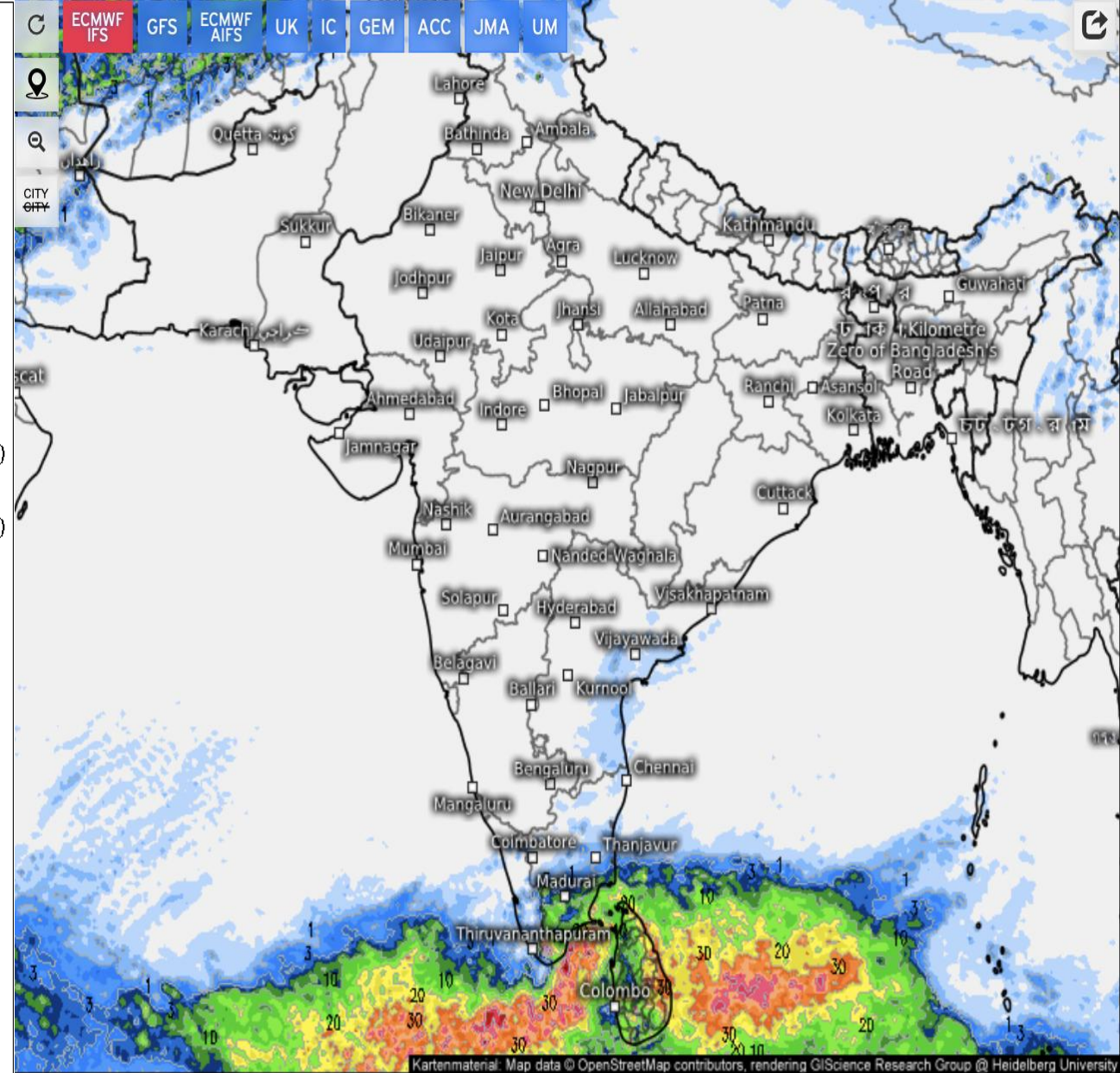
IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (120 HR)
based on 00 UTC of 26-12-2024 valid for 03 UTC of 31-12-2024



IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (168 HR)
based on 00 UTC of 26-12-2024 valid for 03 UTC of 02-01-2025

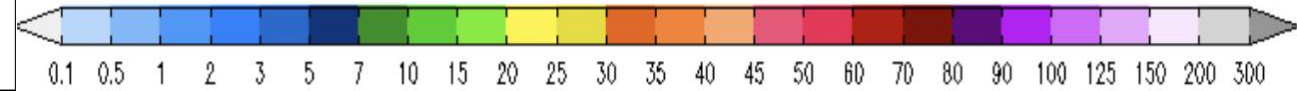


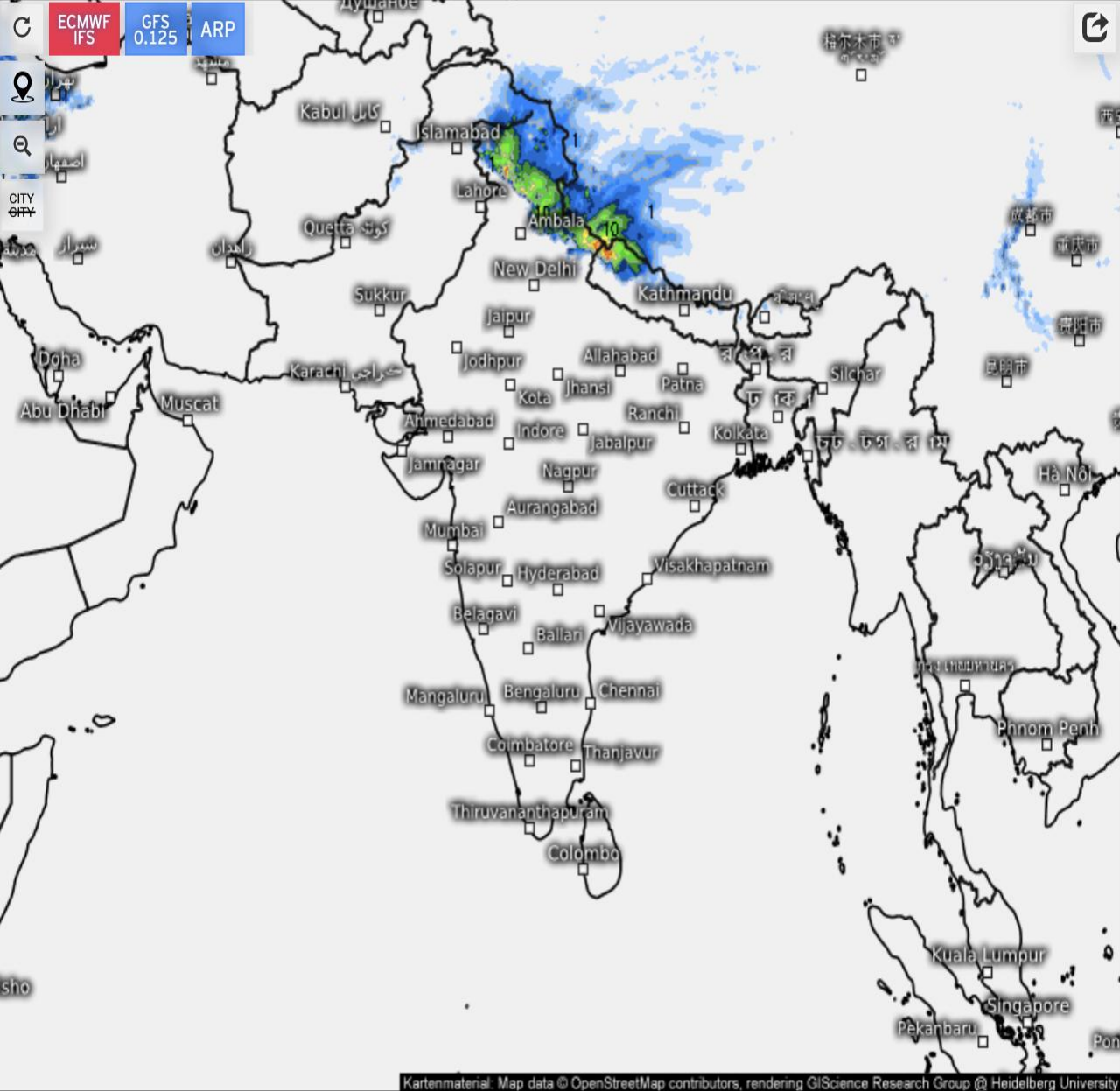
(Background does not depict political boundary)



Precipitation, 24h (mm) [i](#)

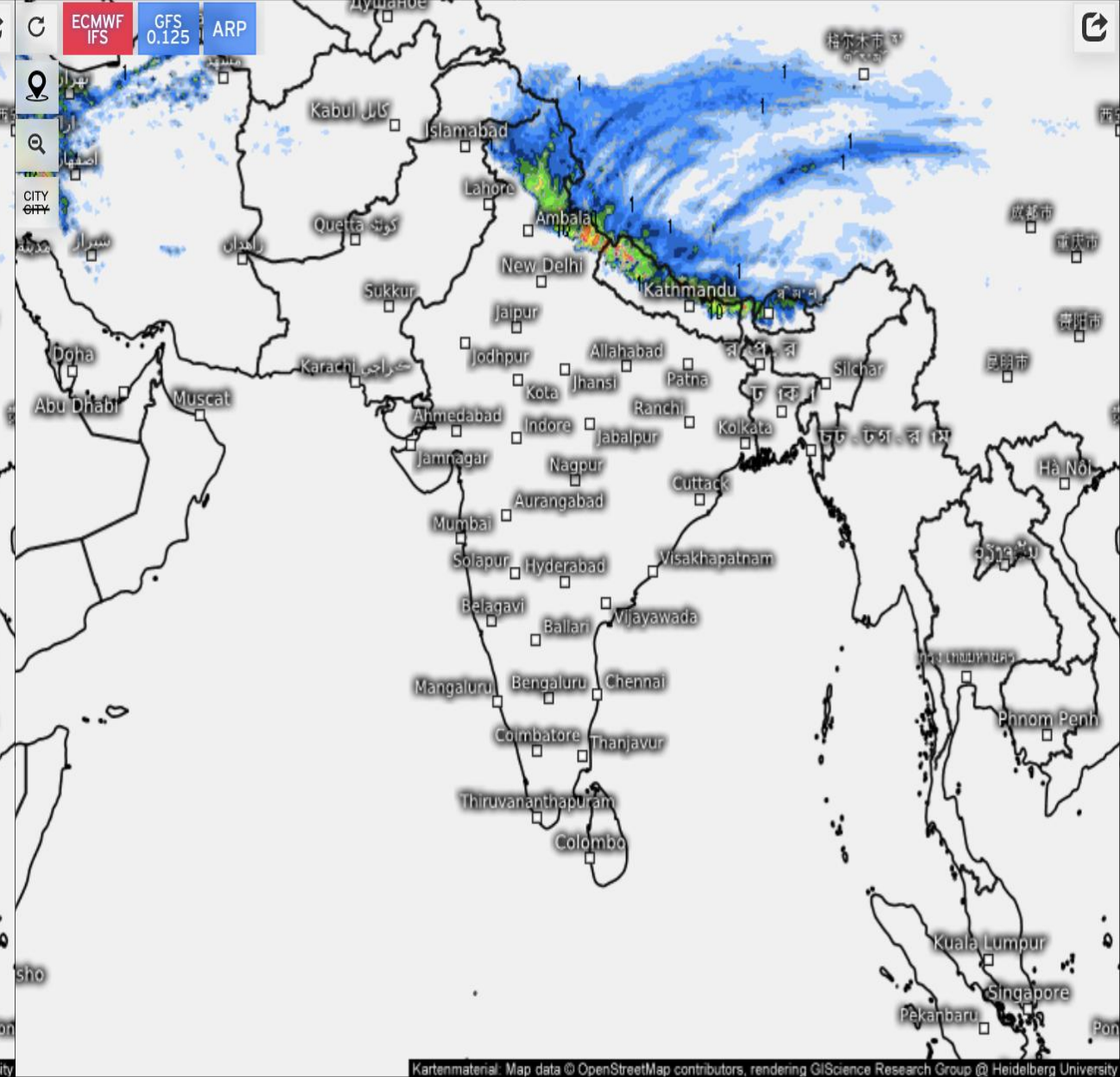
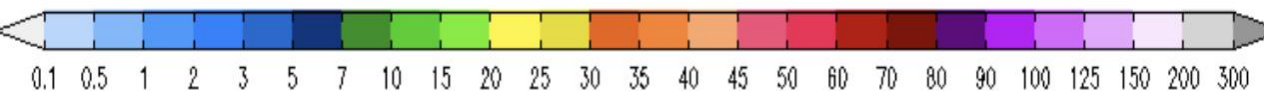
Valid for
Thu 01/02/2025, 05:30am IST





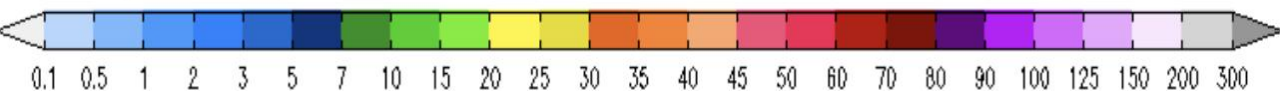
Precipitation, 24h (Snow) (mm) ⓘ

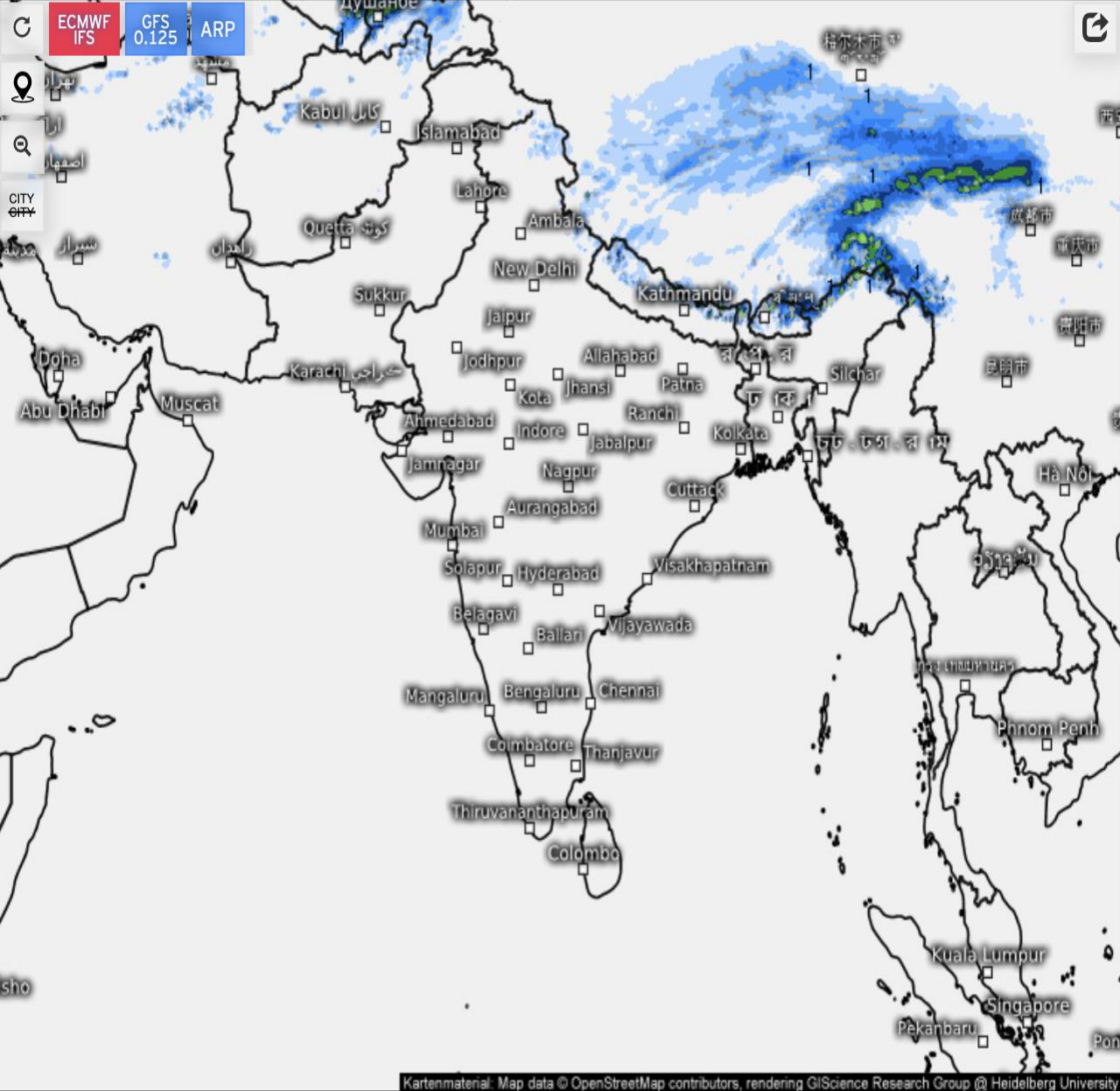
Valid for
Sat 12/28/2024, 05:30am IST



Precipitation, 24h (Snow) (mm) ⓘ

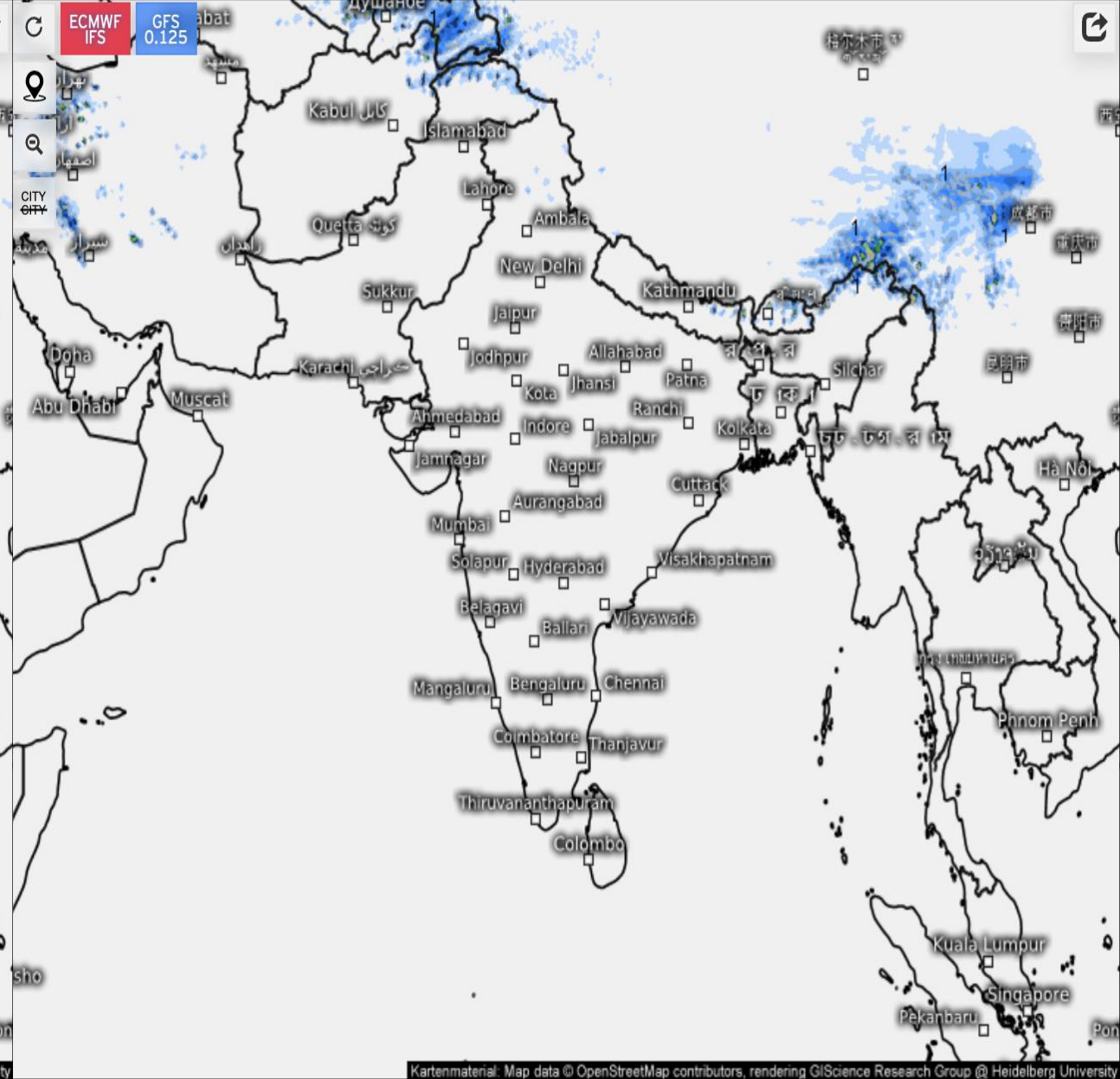
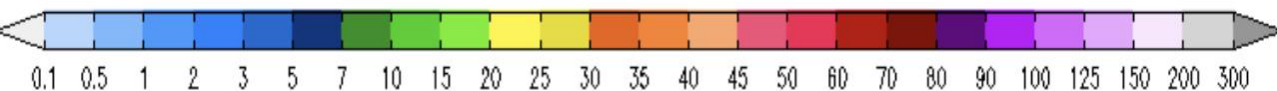
Valid for
Sun 12/29/2024, 05:30am IST





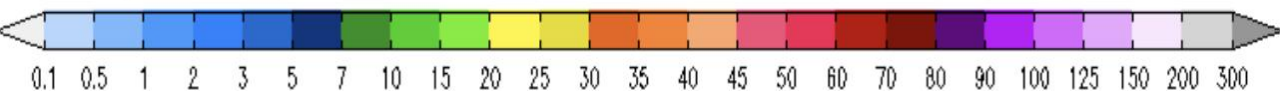
Precipitation, 24h (Snow) (mm) ⓘ

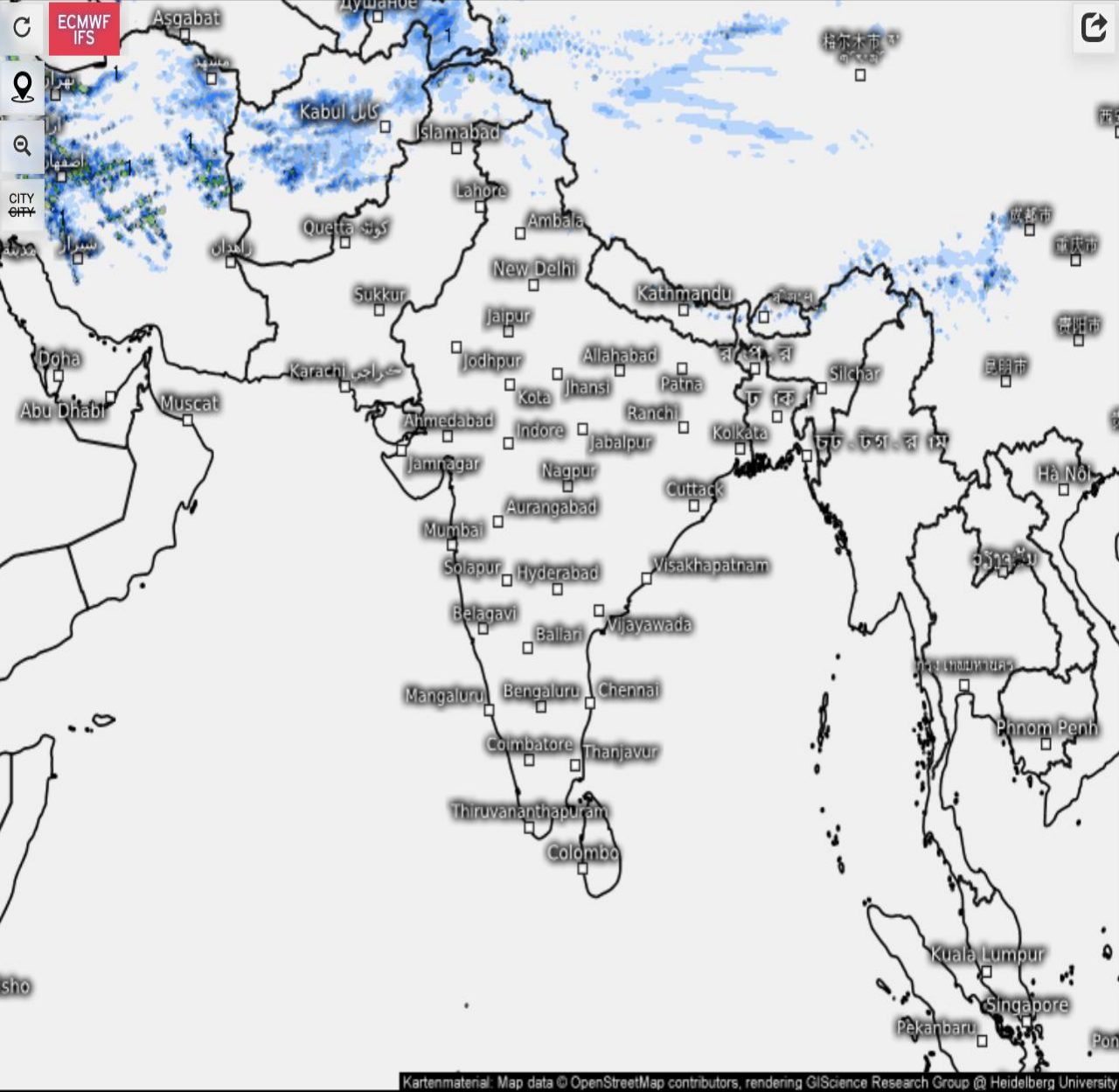
Valid for
Mon 12/30/2024, 05:30am IST



Precipitation, 24h (Snow) (mm) ⓘ

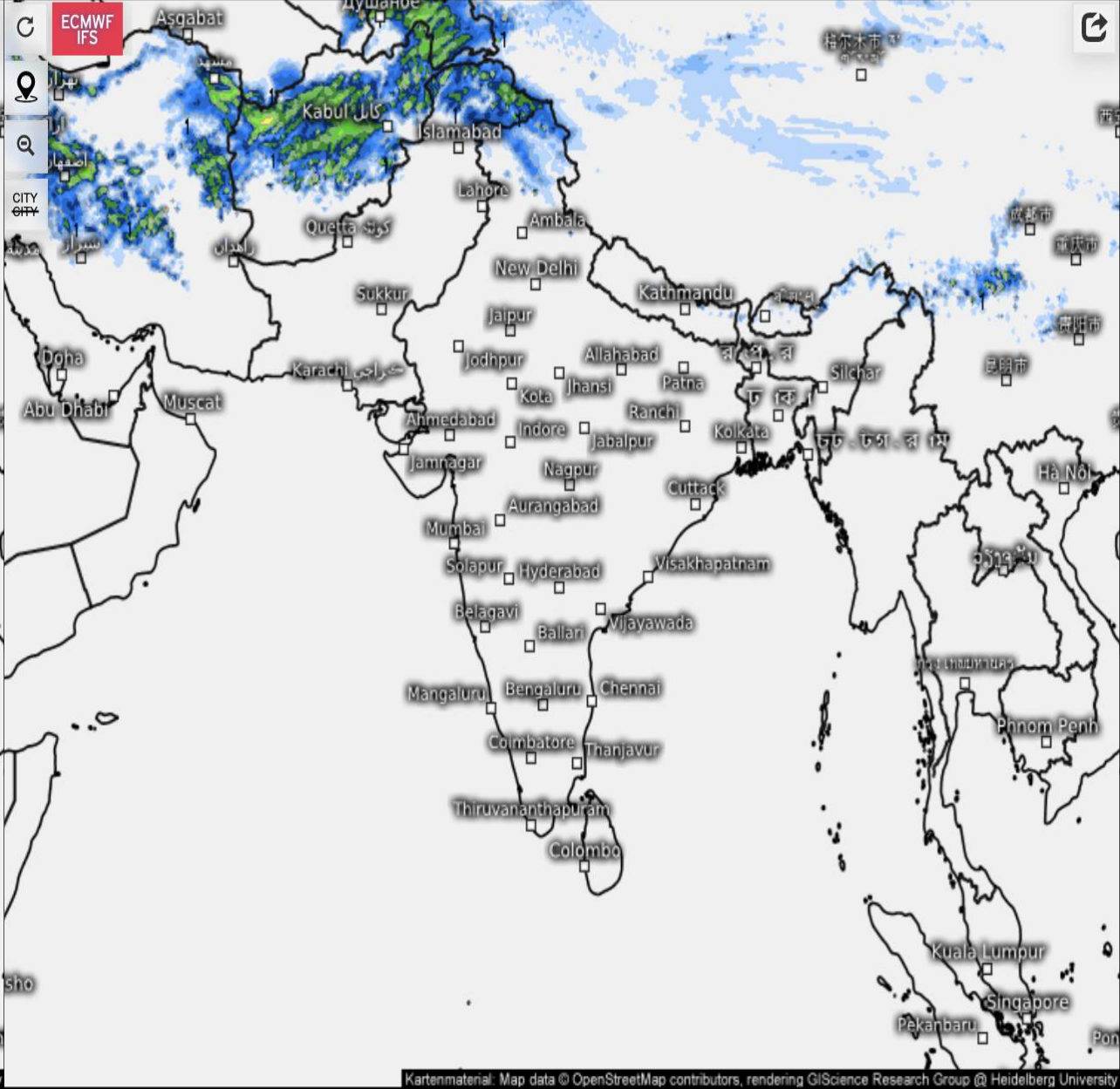
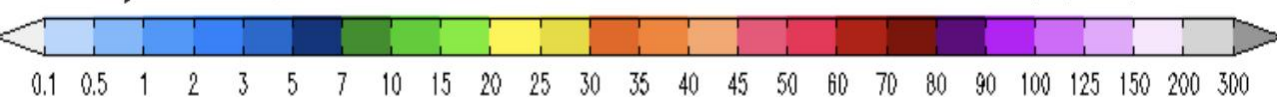
Valid for
Tue 12/31/2024, 05:30am IST





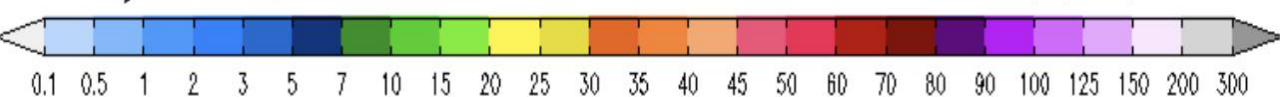
Precipitation, 24h (Snow) (mm)

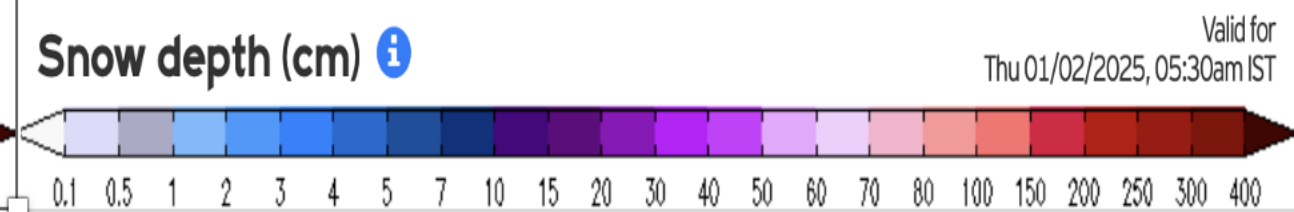
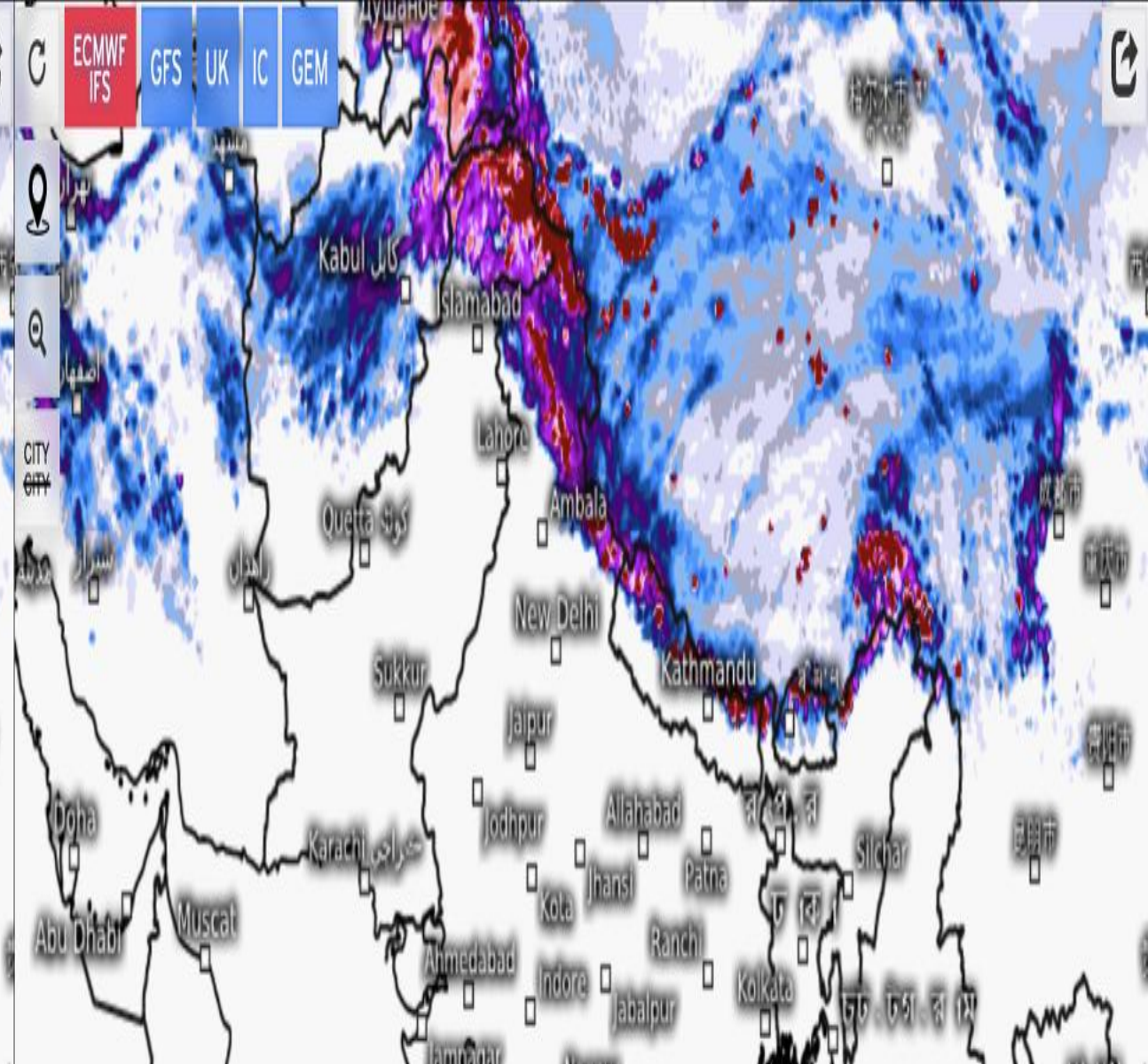
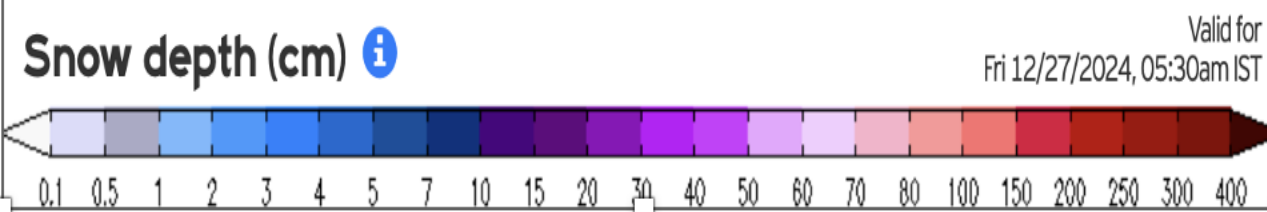
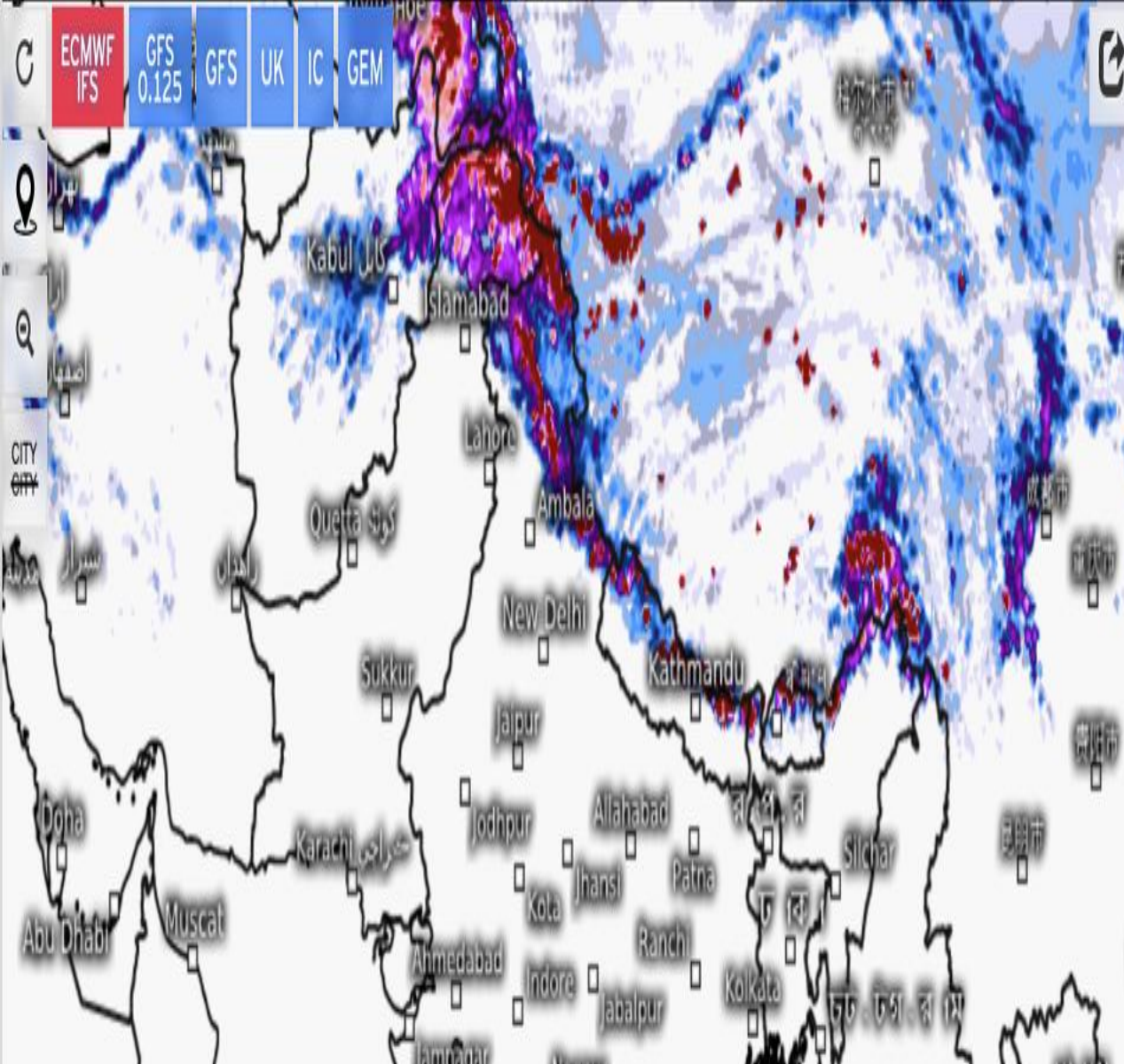
Valid for
Wed 01/01/2025, 05:30am IST

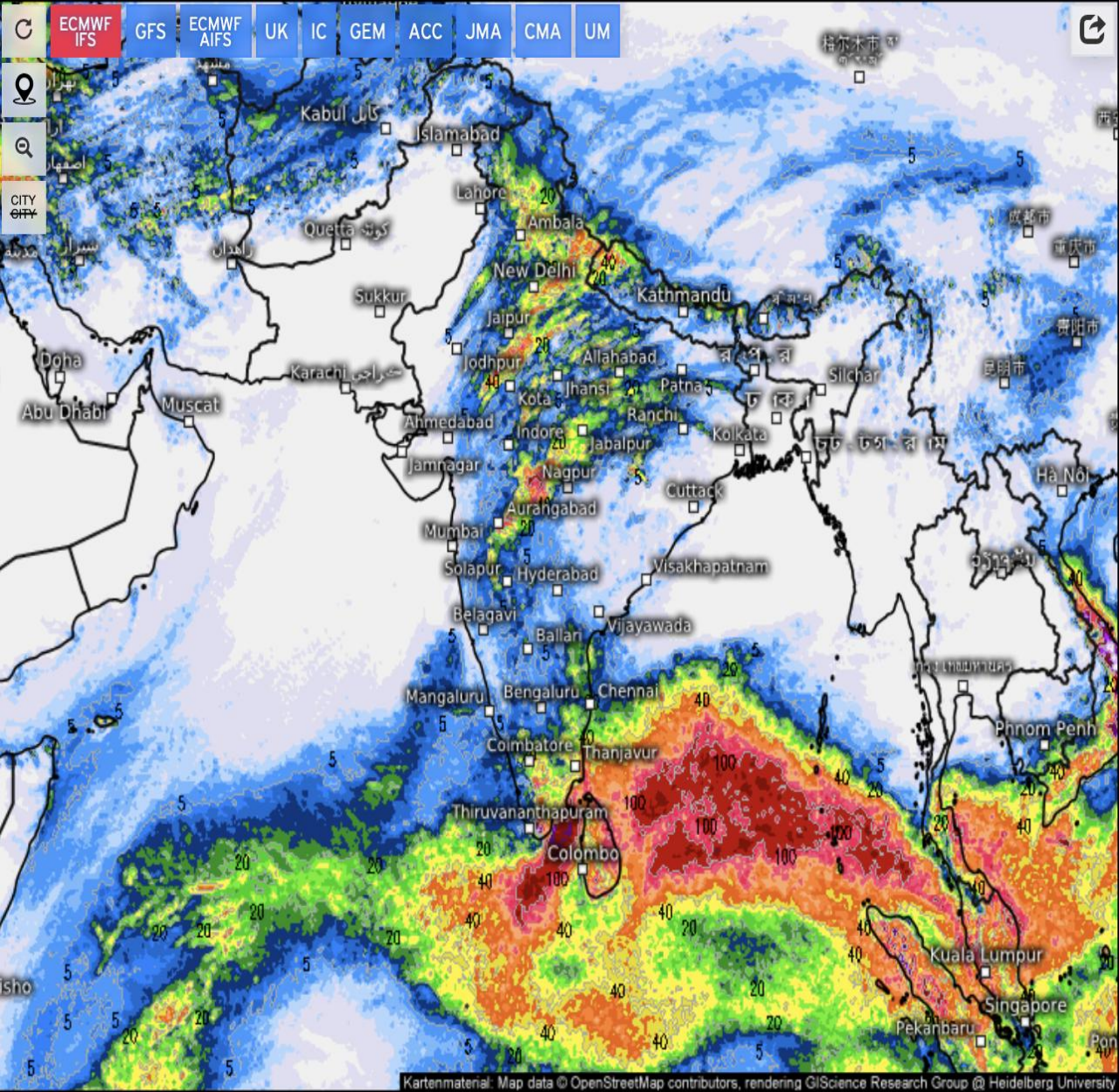


Precipitation, 24h (Snow) (mm)

Valid for
Thu 01/02/2025, 05:30am IST

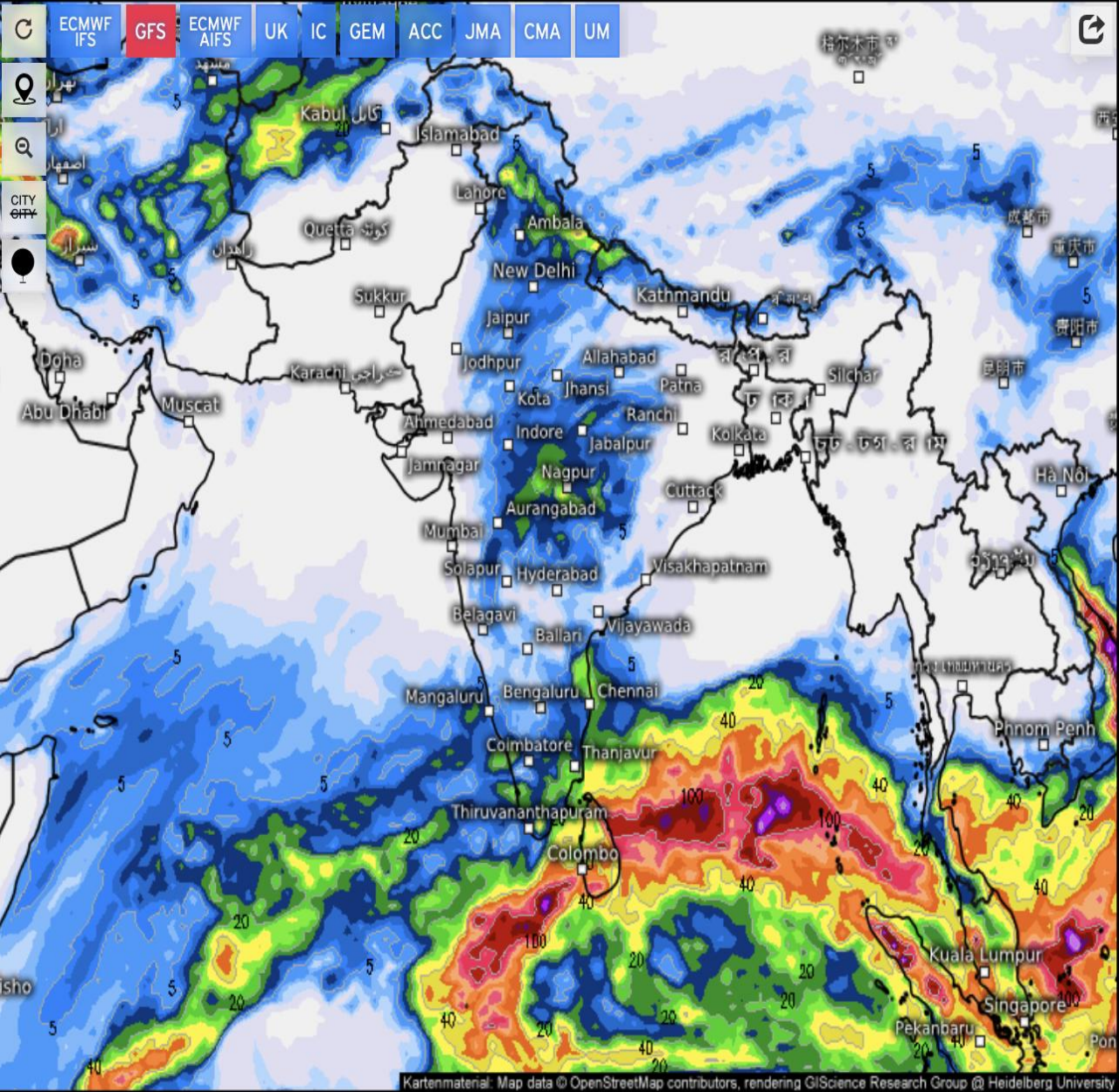
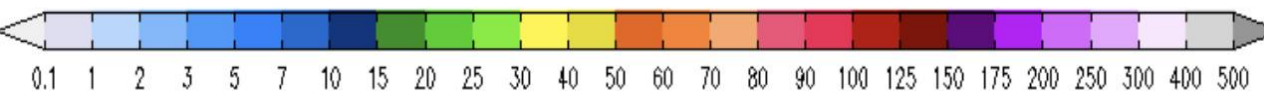






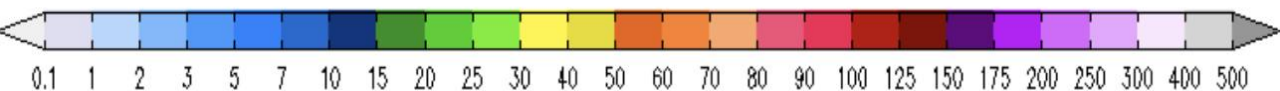
Accumulated total precipitation (mm) 

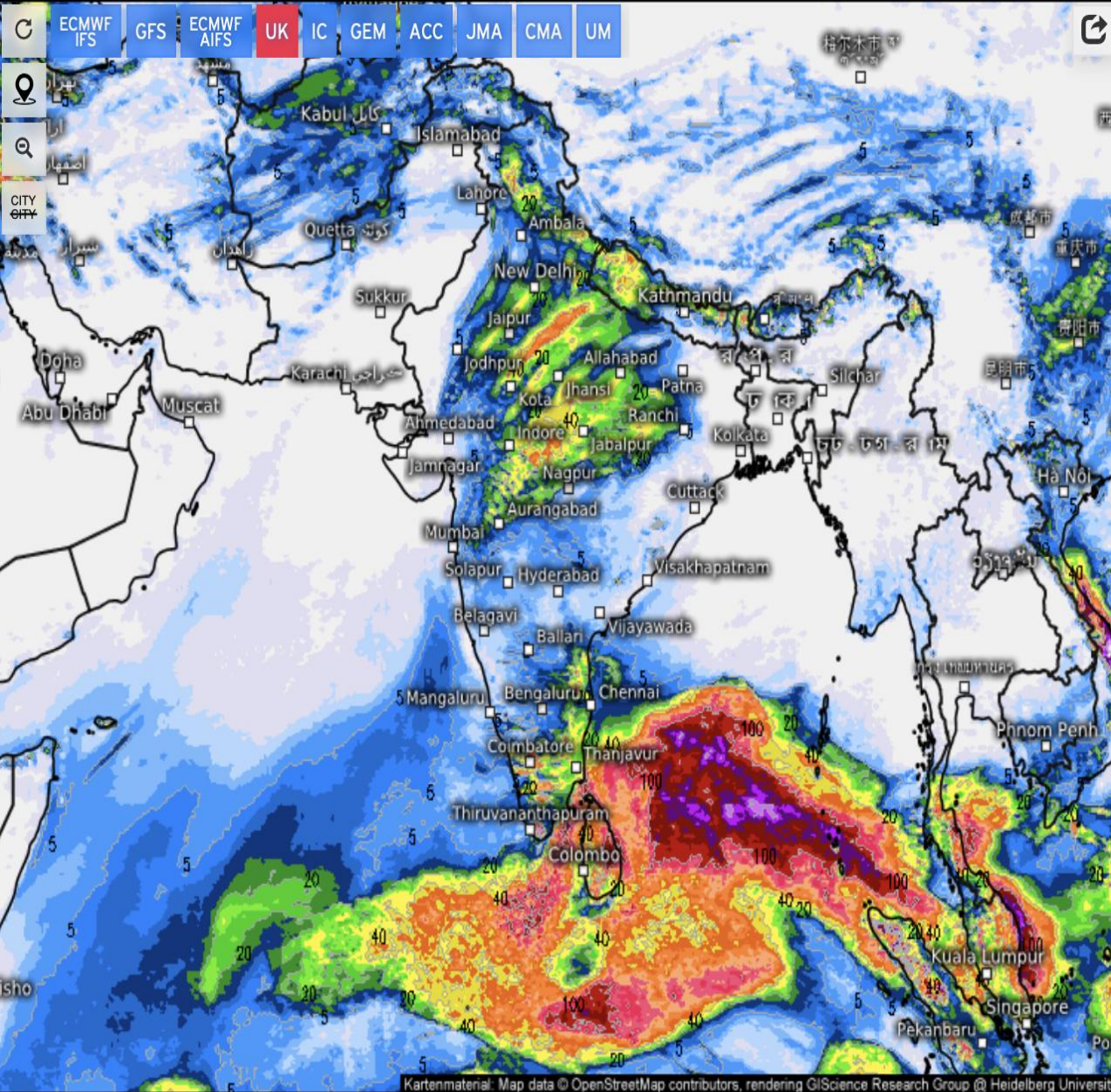
From Thu 12/26/2024, 05:30am IST
to Thu 01/02/2025, 05:30am IST



Accumulated total precipitation (mm) 

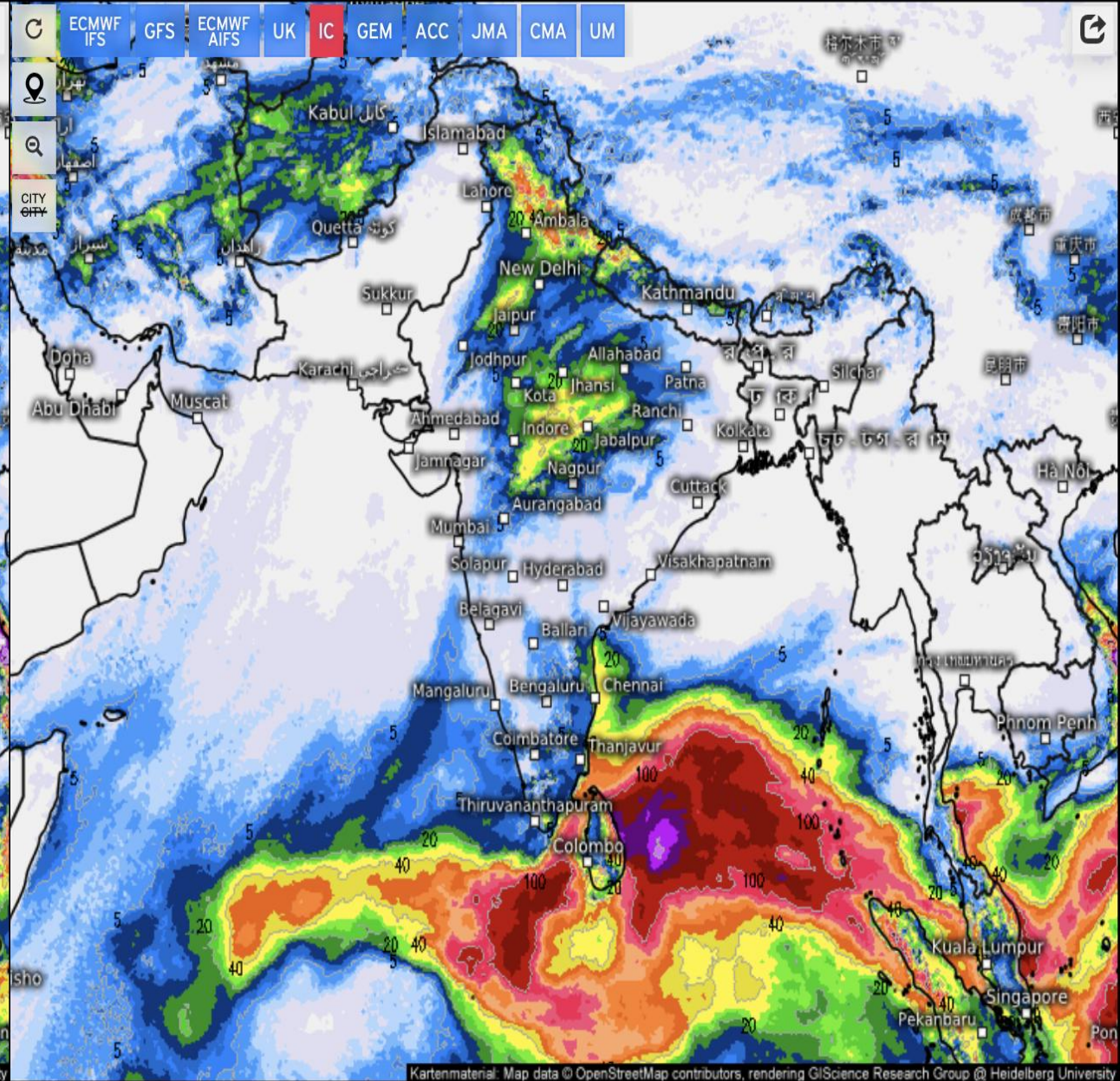
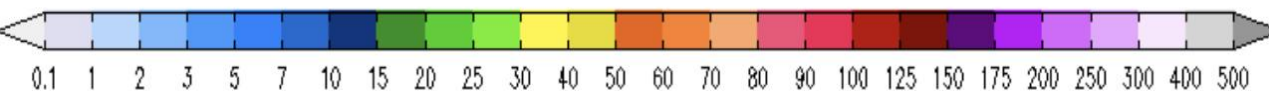
From Thu 12/26/2024, 05:30am IST
to Thu 01/02/2025, 05:30am IST





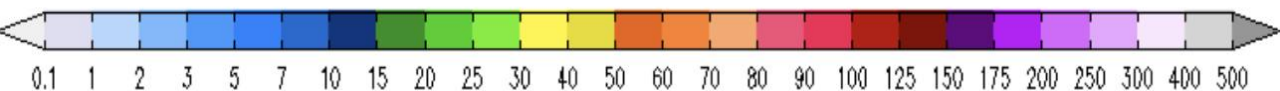
Accumulated total precipitation (mm)

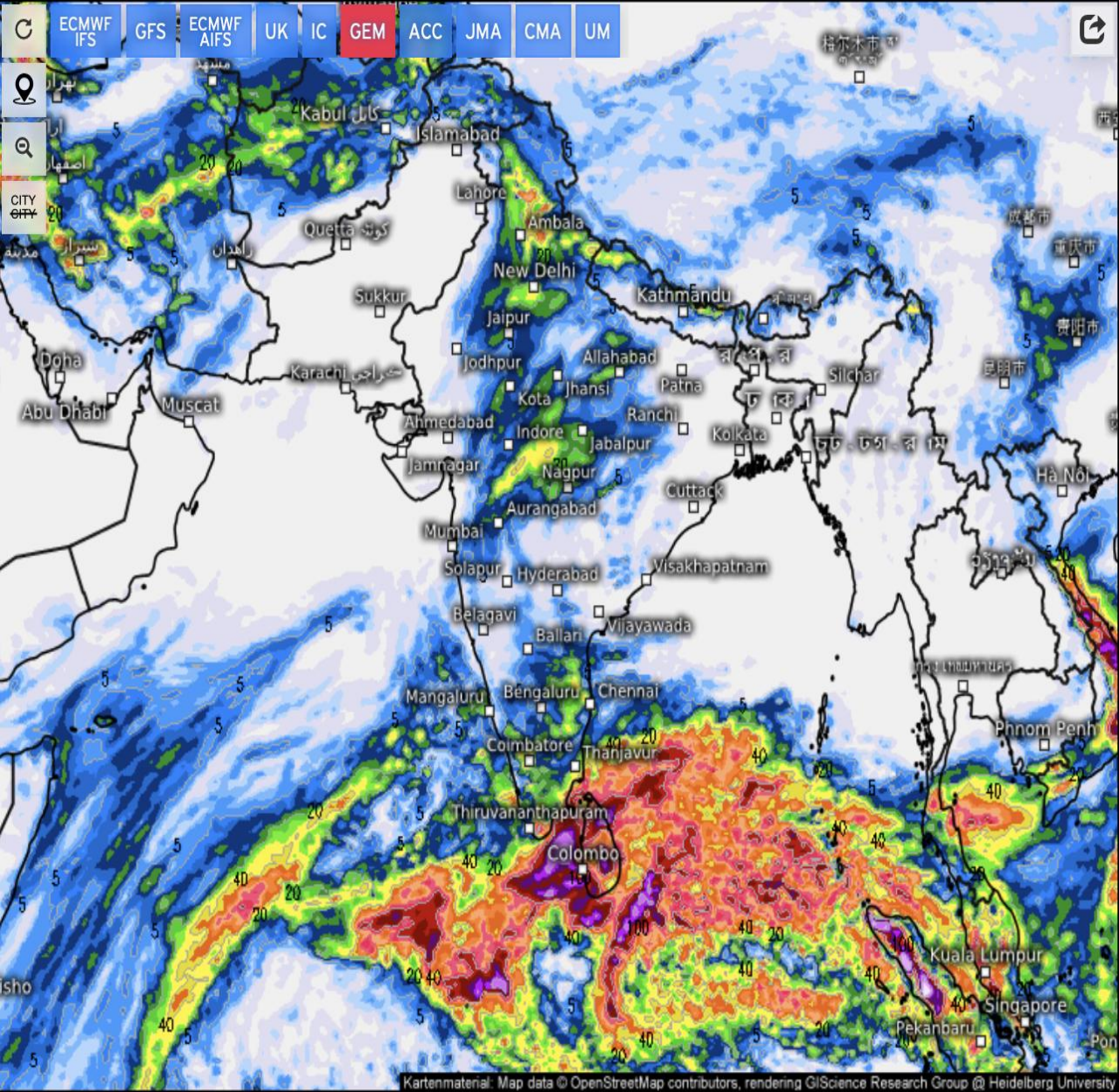
From Thu 12/26/2024, 05:30am IST
to Thu 01/02/2025, 05:30am IST



Accumulated total precipitation (mm) 

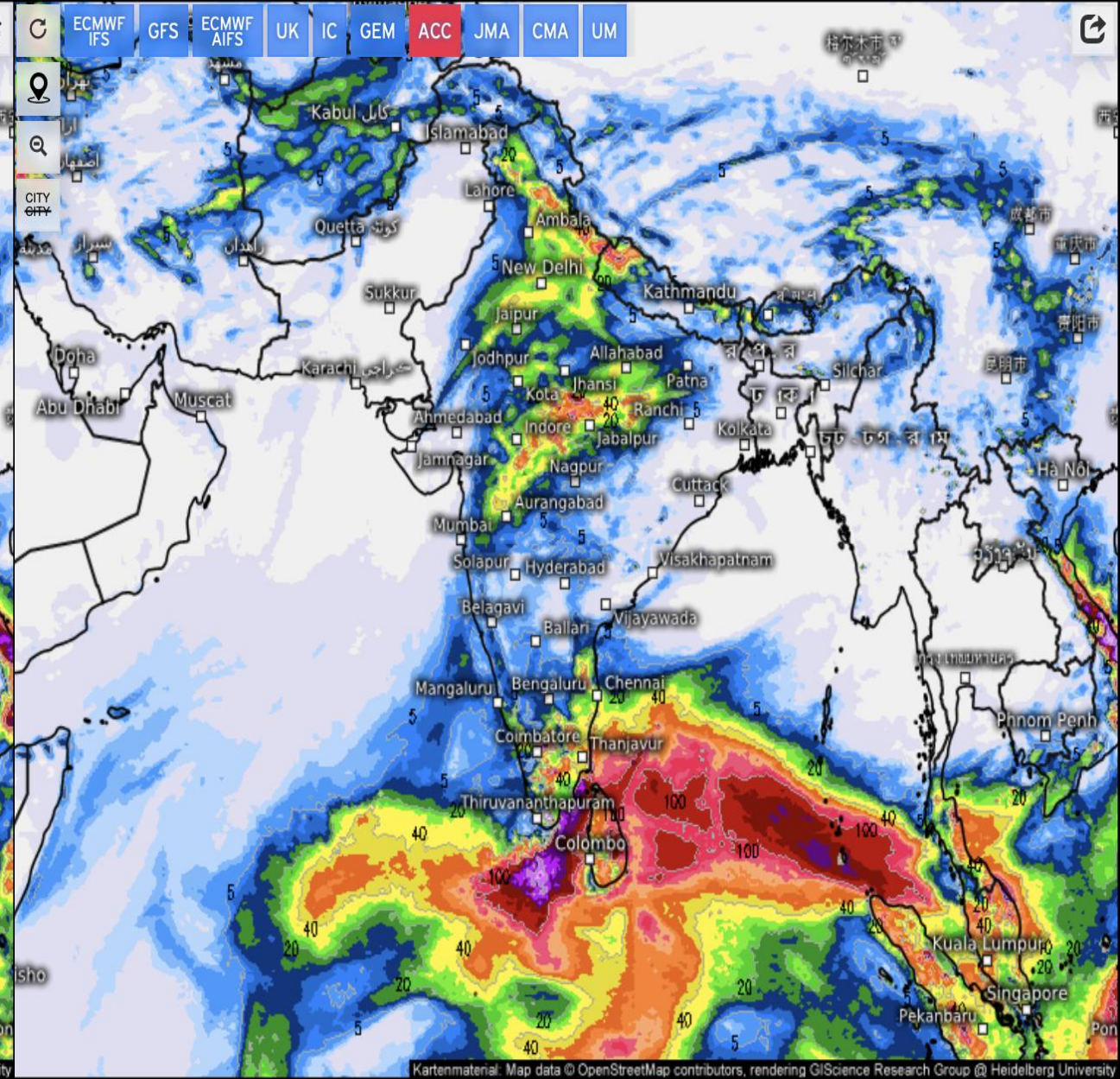
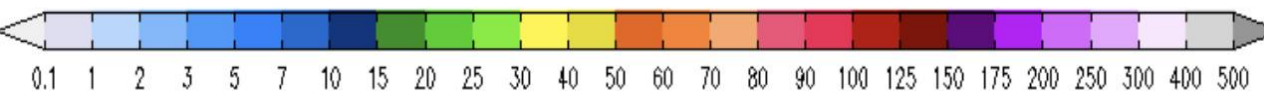
From Thu 12/26/2024, 05:30am IST
to Thu 01/02/2025, 05:30am IST





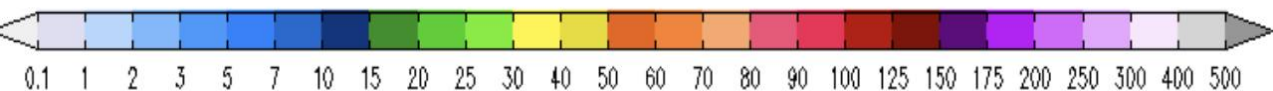
Accumulated total precipitation (mm) ⓘ

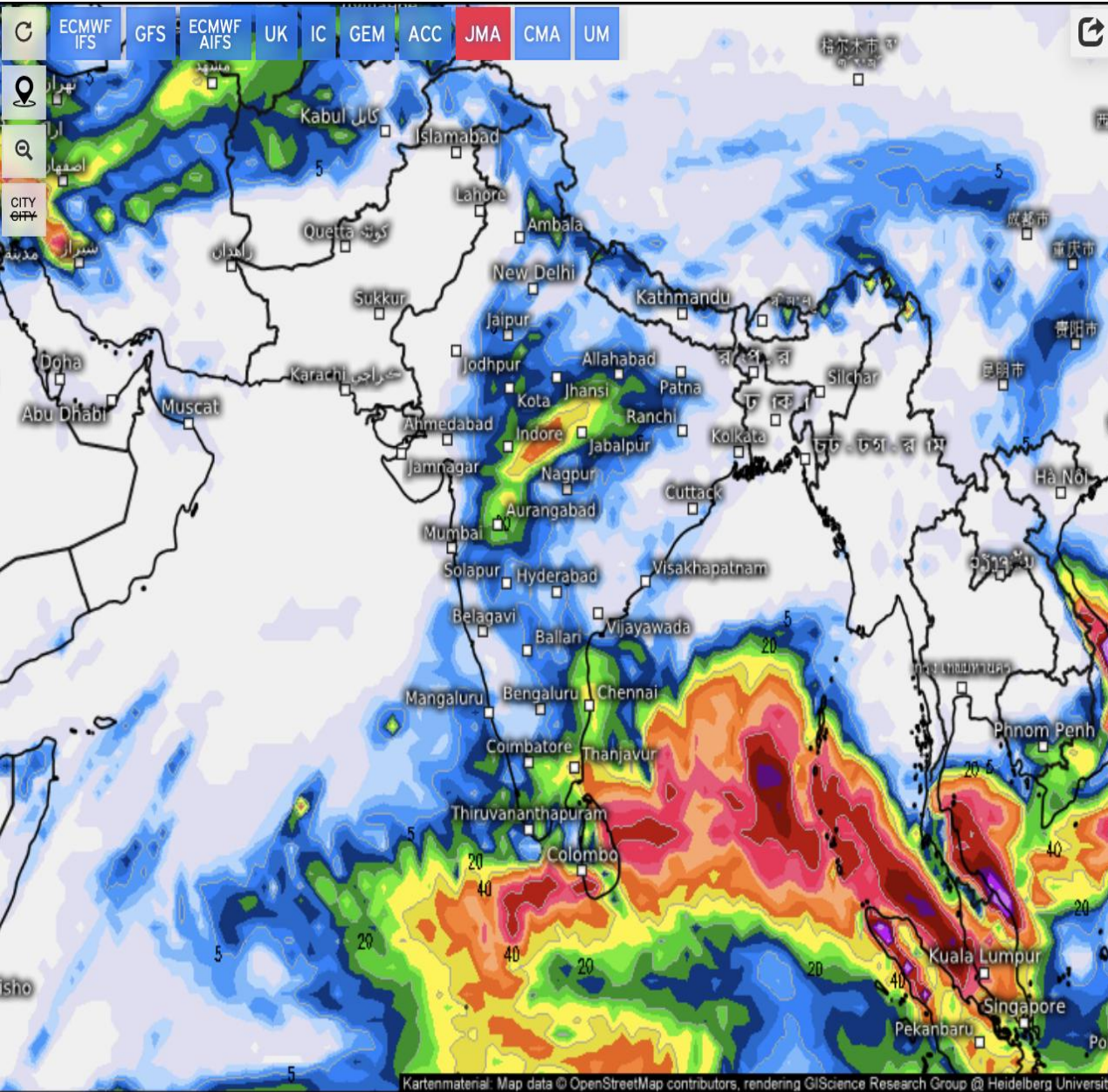
From Thu 12/26/2024, 05:30am IST
to Thu 01/02/2025, 05:30am IST



Accumulated total precipitation (mm) ⓘ

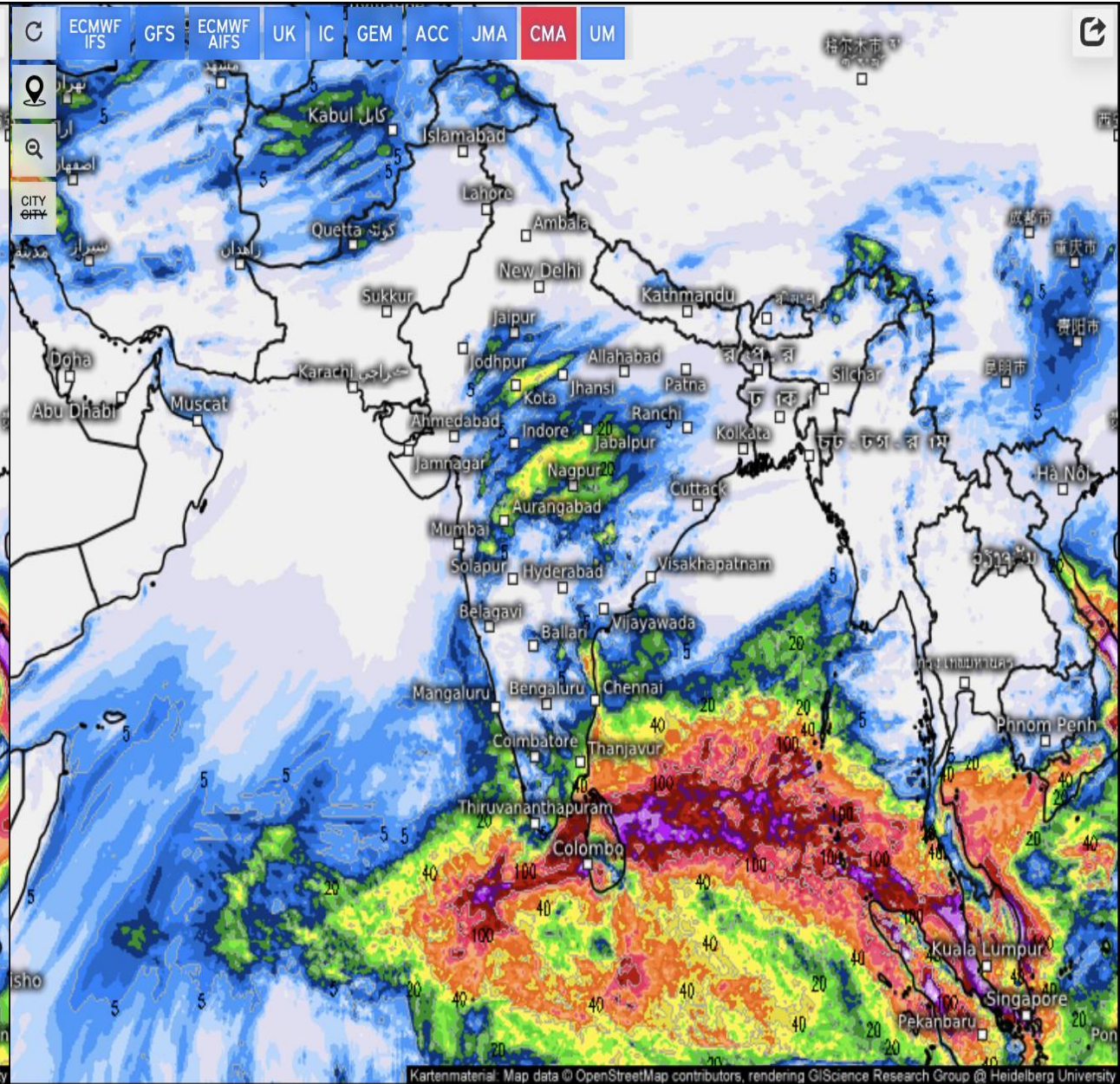
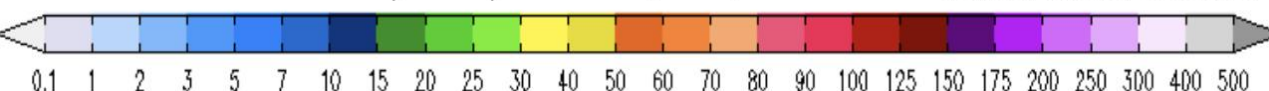
From Thu 12/26/2024, 05:30am IST
to Thu 01/02/2025, 05:30am IST





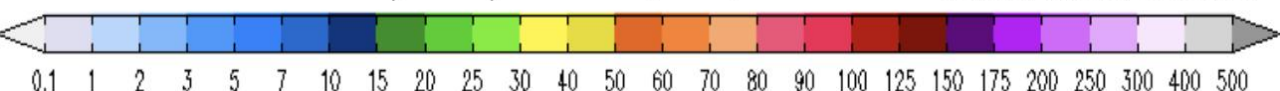
Accumulated total precipitation (mm)

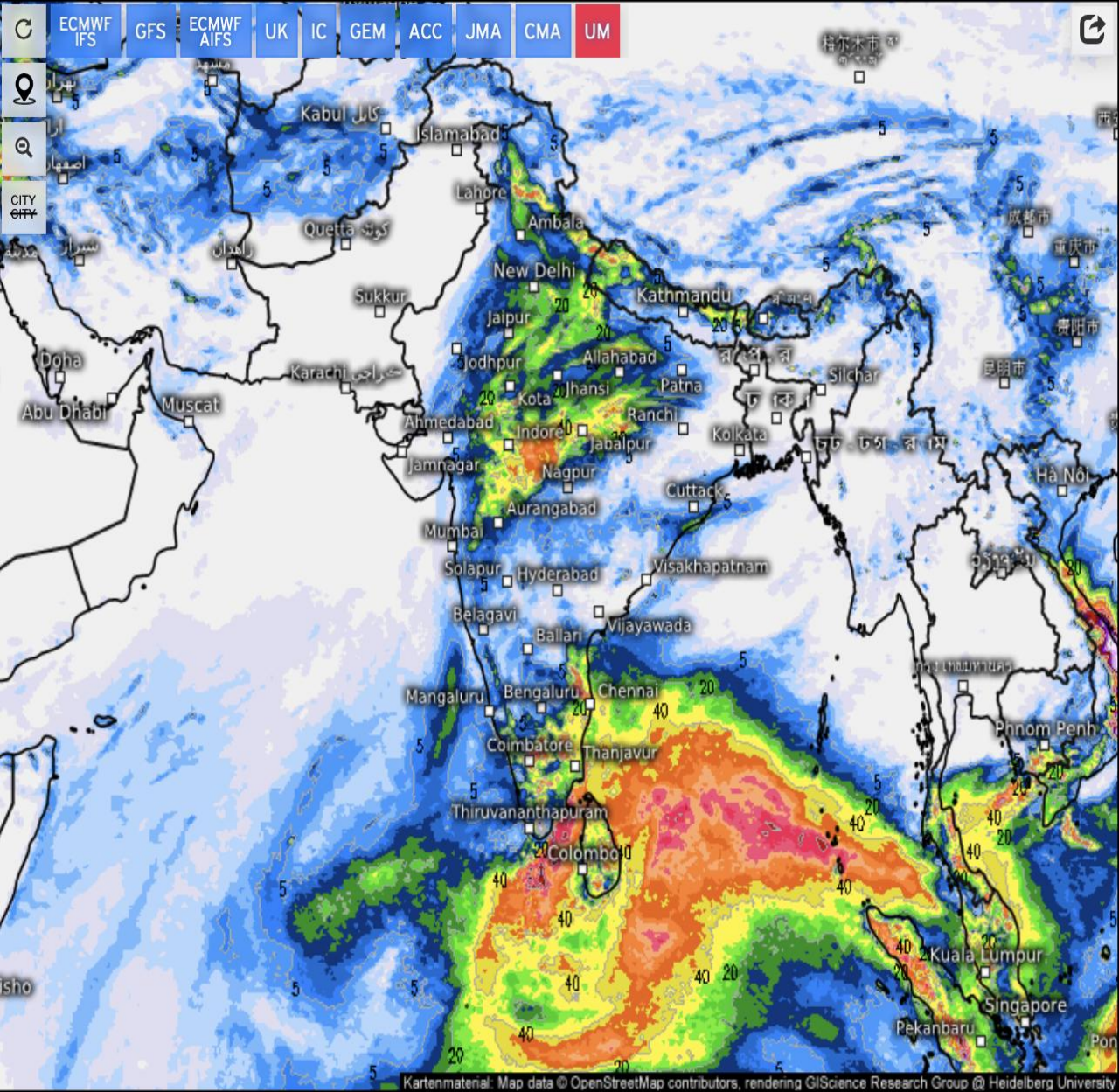
From Wed 12/25/2024, 05:30pm IST
to Thu 01/02/2025, 05:30am IST



Accumulated total precipitation (mm)

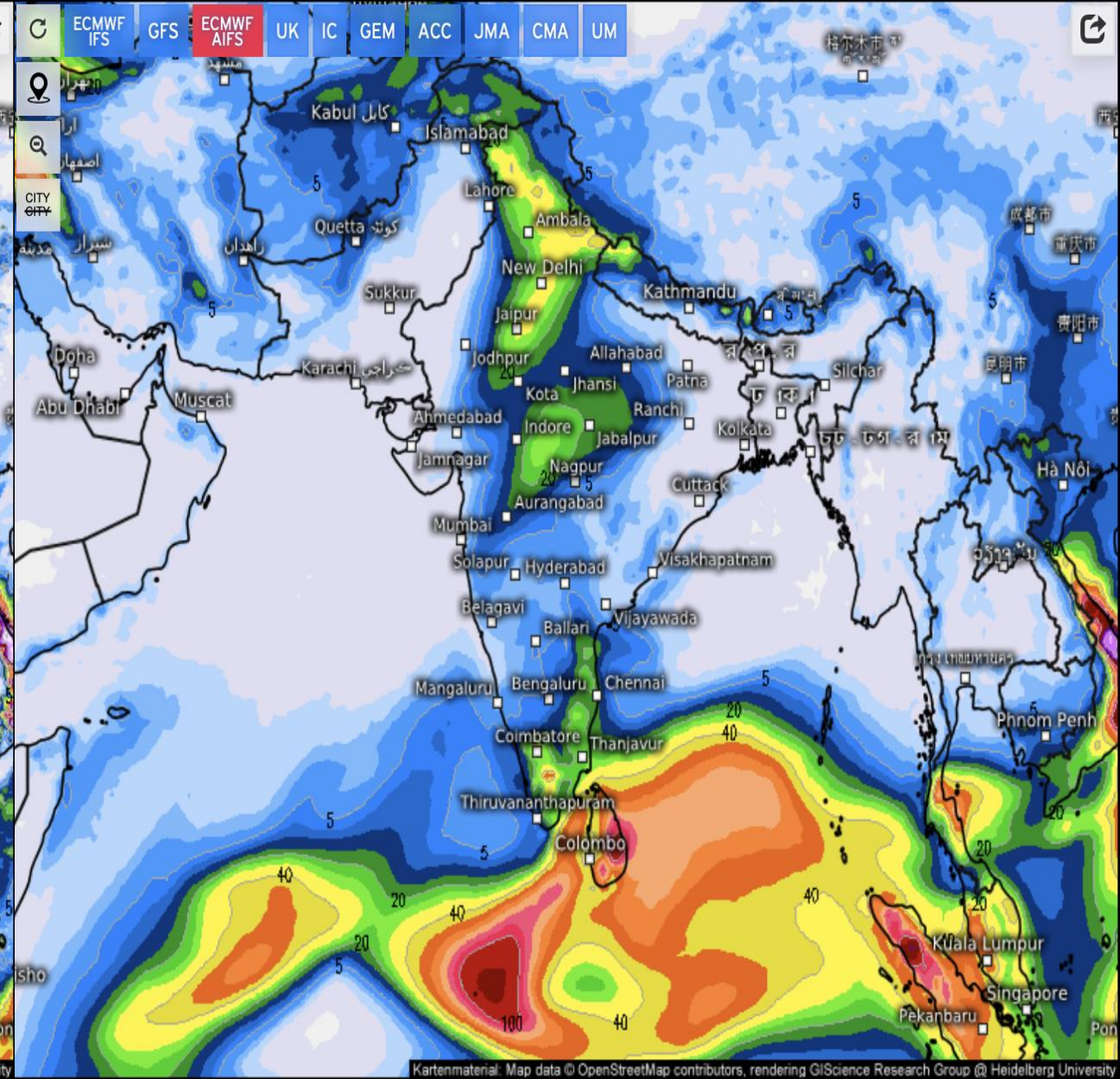
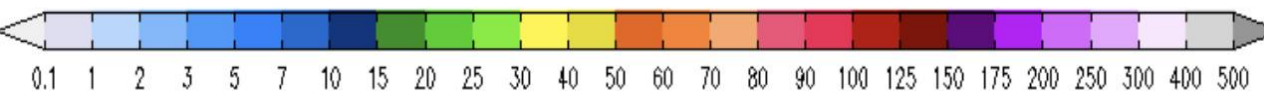
From Wed 12/25/2024, 05:30pm IST
to Thu 01/02/2025, 05:30am IST





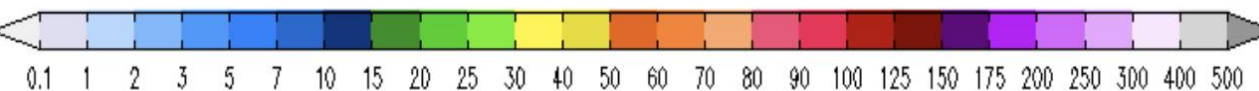
Accumulated total precipitation (mm)

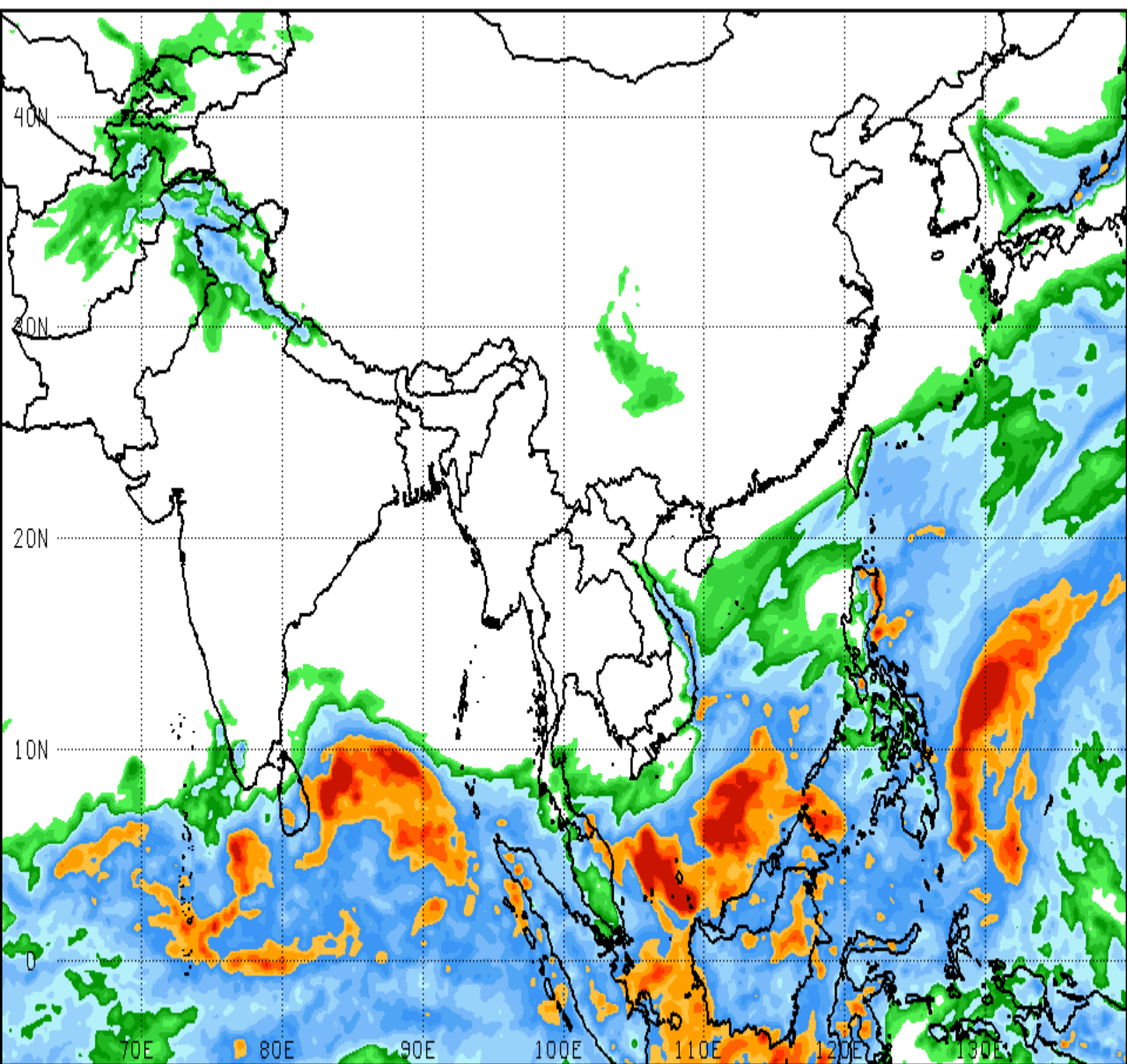
From Wed 12/25/2024, 05:30pm IST
to Thu 01/02/2025, 05:30am IST



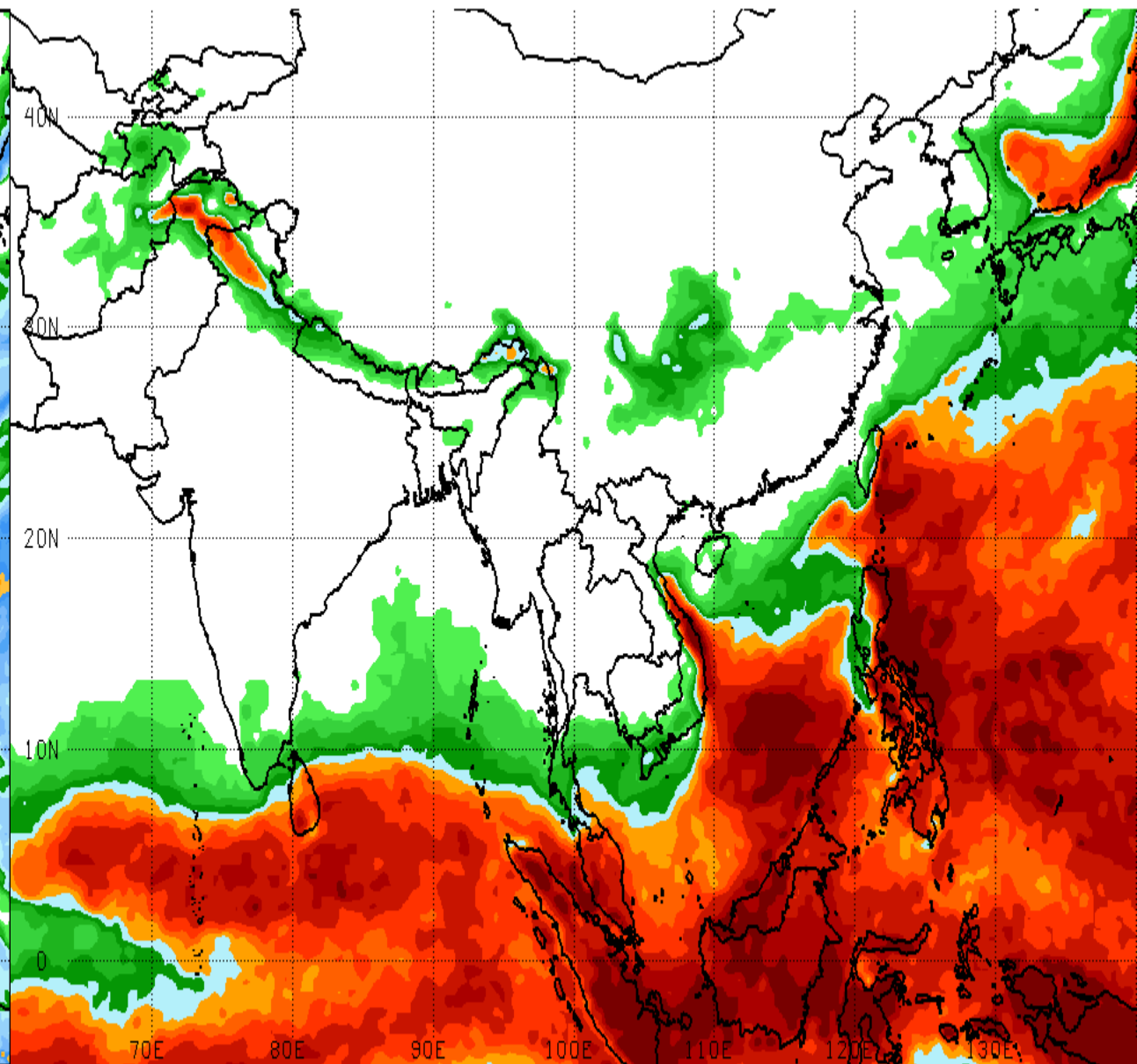
Accumulated total precipitation (mm)

From Wed 12/25/2024, 11:30pm IST
to Thu 01/02/2025, 05:30am IST

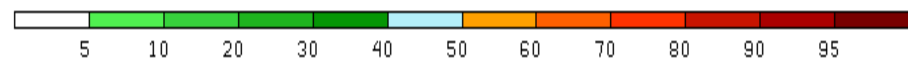




NOAA GFS 20241226 t00z cycle FCST week2 Total Precip (mm) VALID 2025010900Z



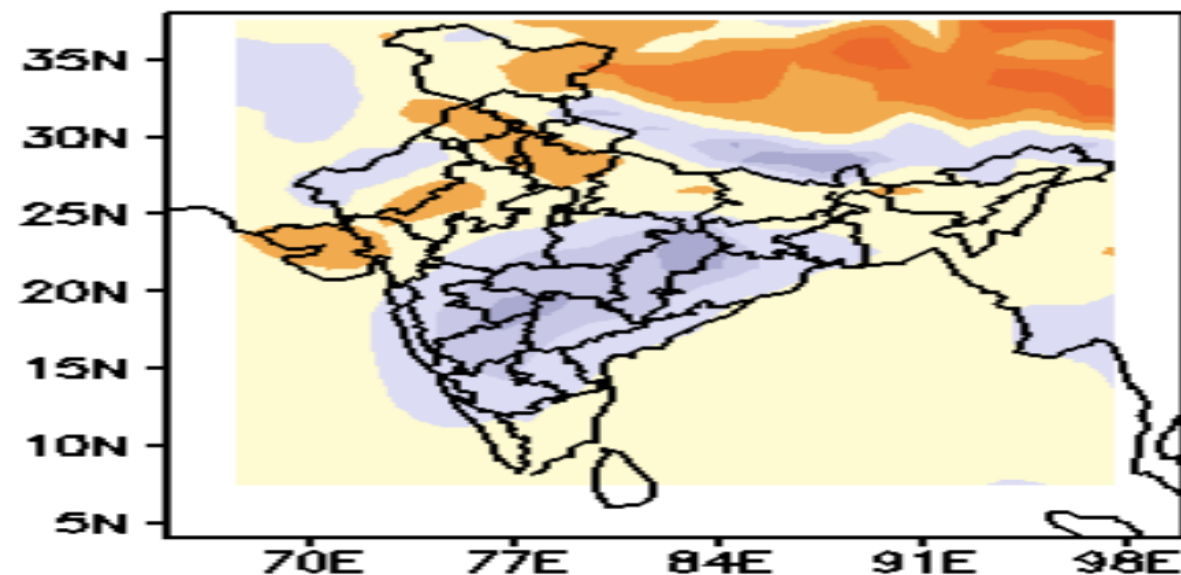
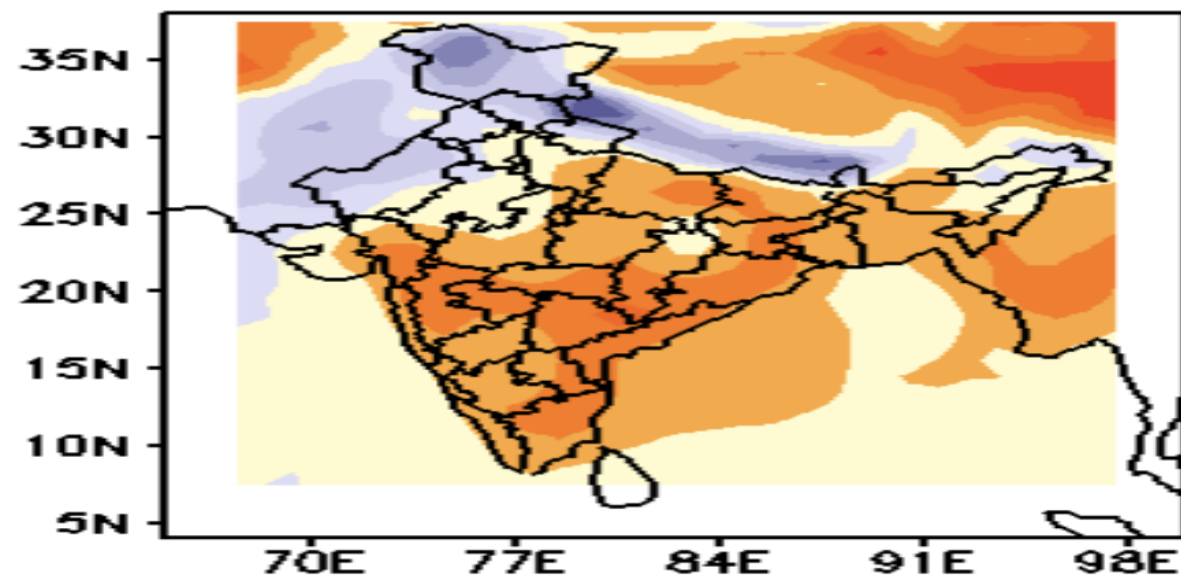
NOAA GFS 20241226 00zCYC FCST Probability of Week2 Precip > 25mm VALID 20250109/0000V336



MME forecast Tmin anomaly (Deg C)

(Week1: 27Dec-02Jan)

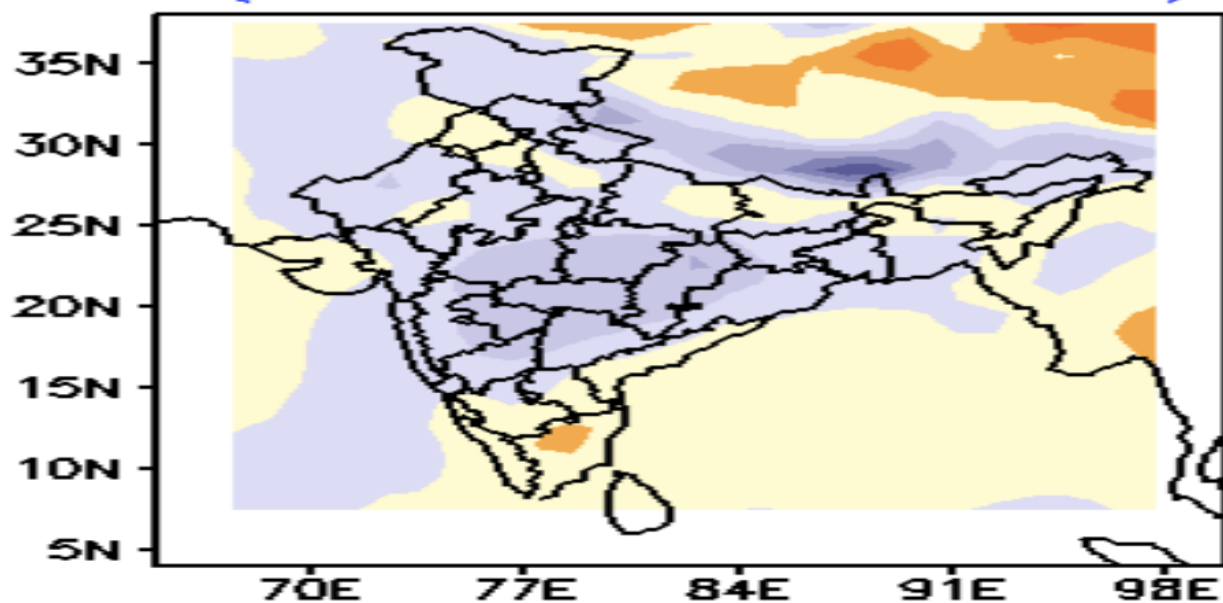
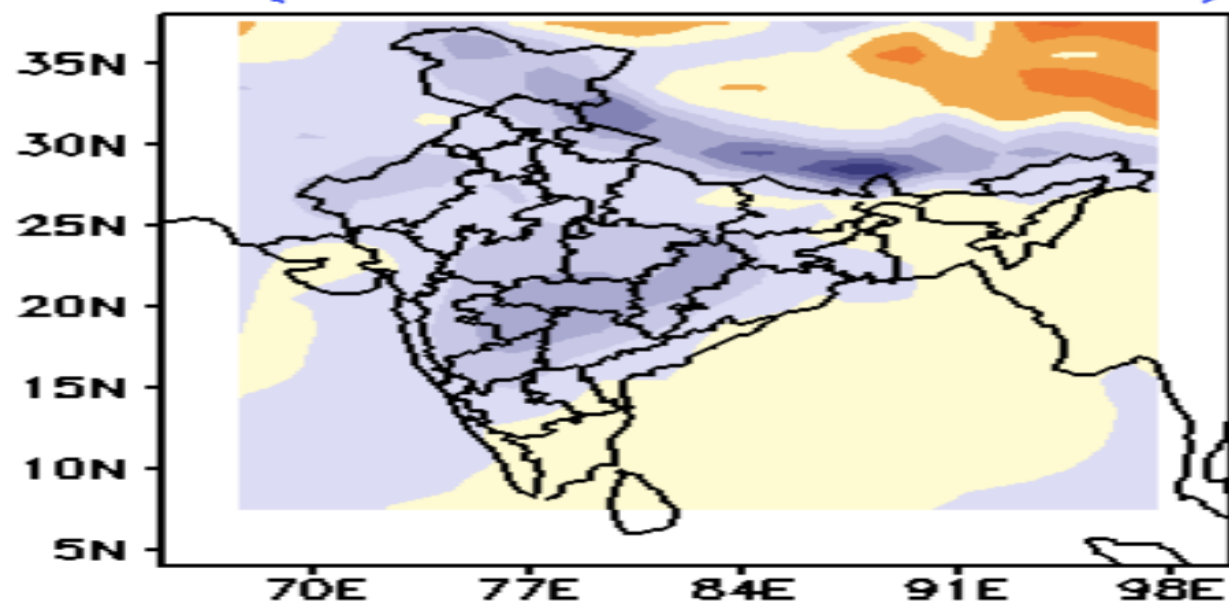
(Week2: 03Jan-09Jan)



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

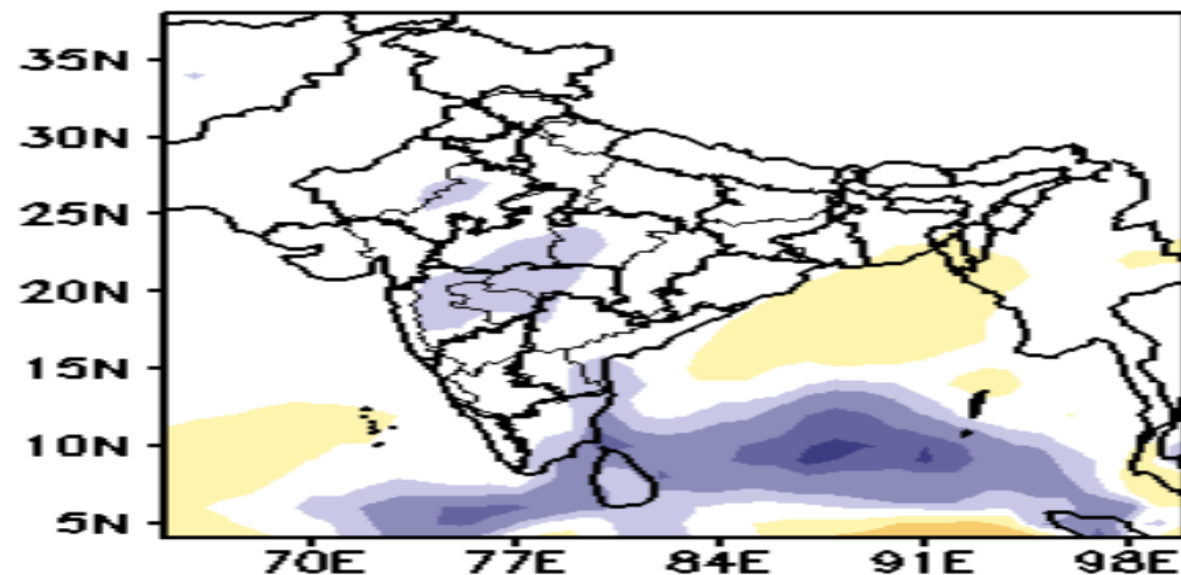
(Week3: 10Jan-16Jan)

(Week4: 17Jan-23Jan)

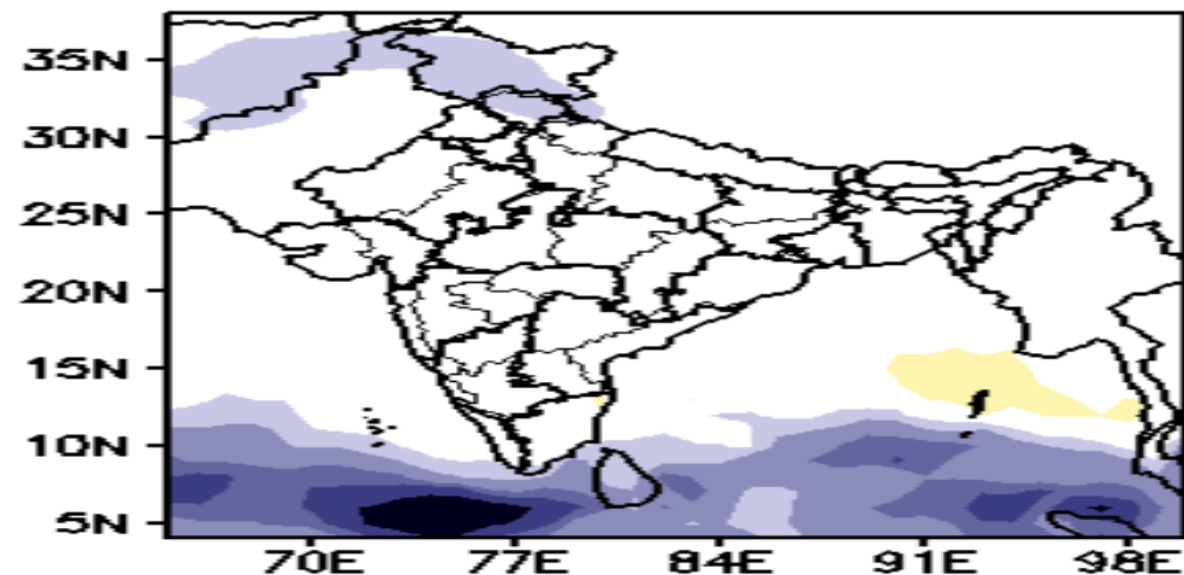


Forecast Rainfall Anomaly (mm/day) (00Z=0530 hrs IST)

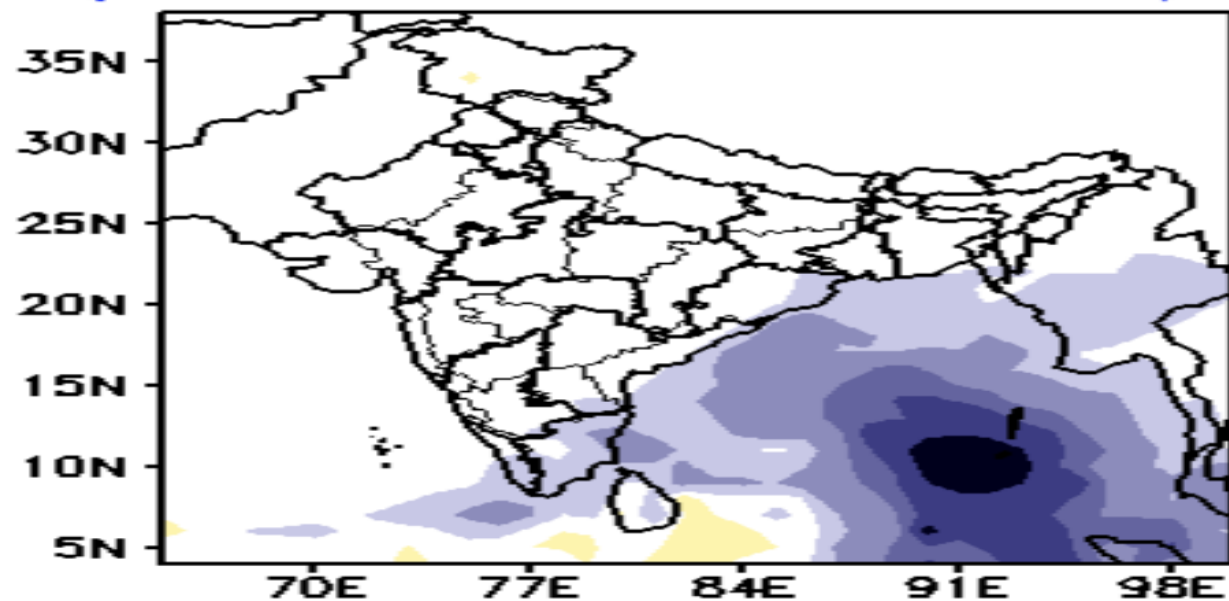
(Week1:00Z26Dec-00Z02Jan)



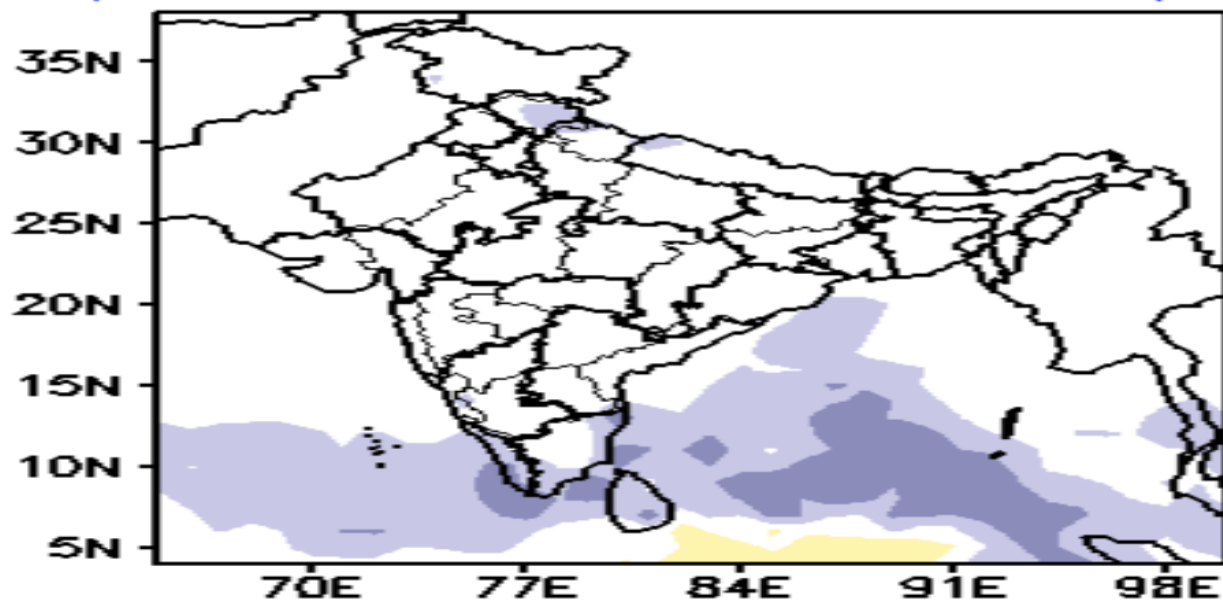
(Week2:00Z02Jan-00Z09Jan)



(Week3:00Z09Jan-00Z16Jan)



(Week4:00Z16Jan-00Z23Jan)



Model Predictions of ENSO from Dec 2024

Nino3.4 SST Anomaly (°C)

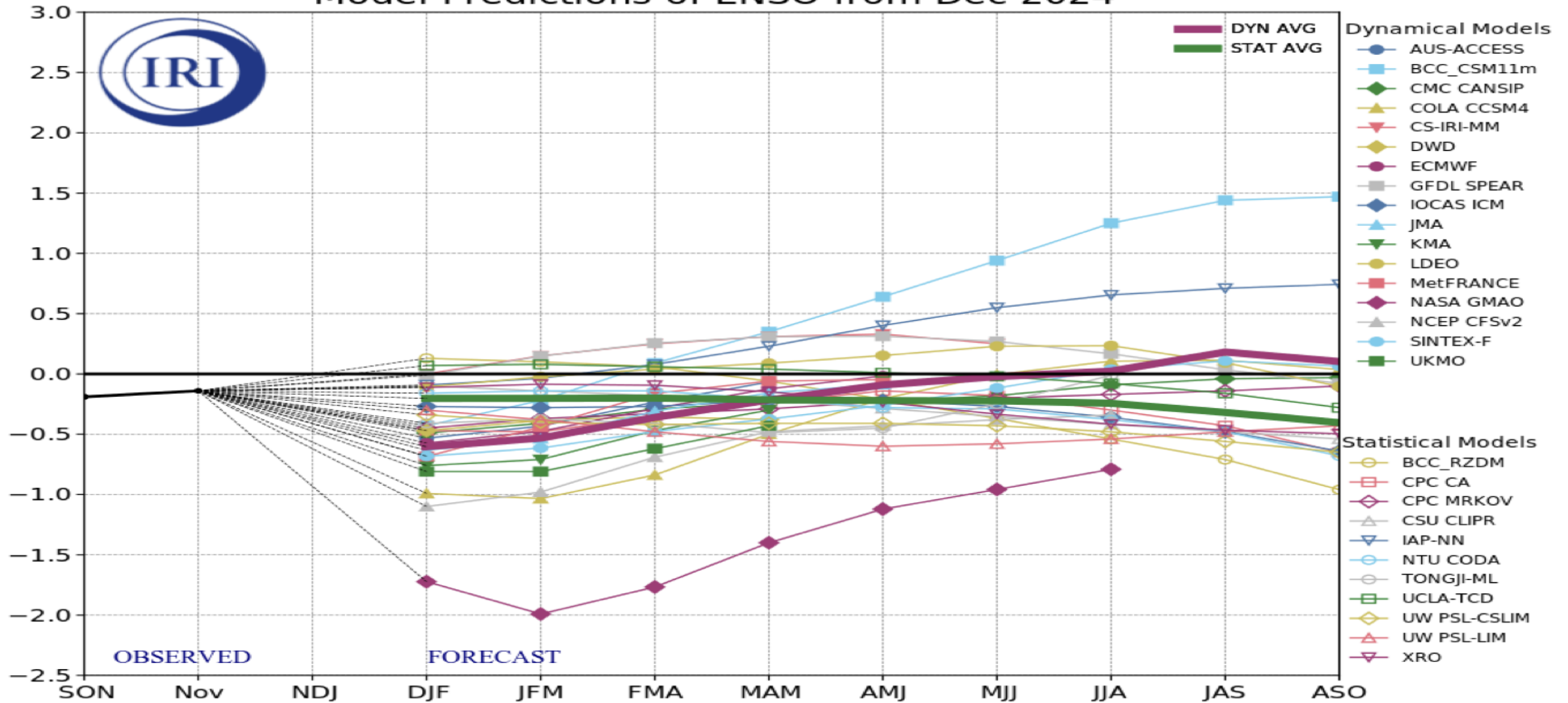
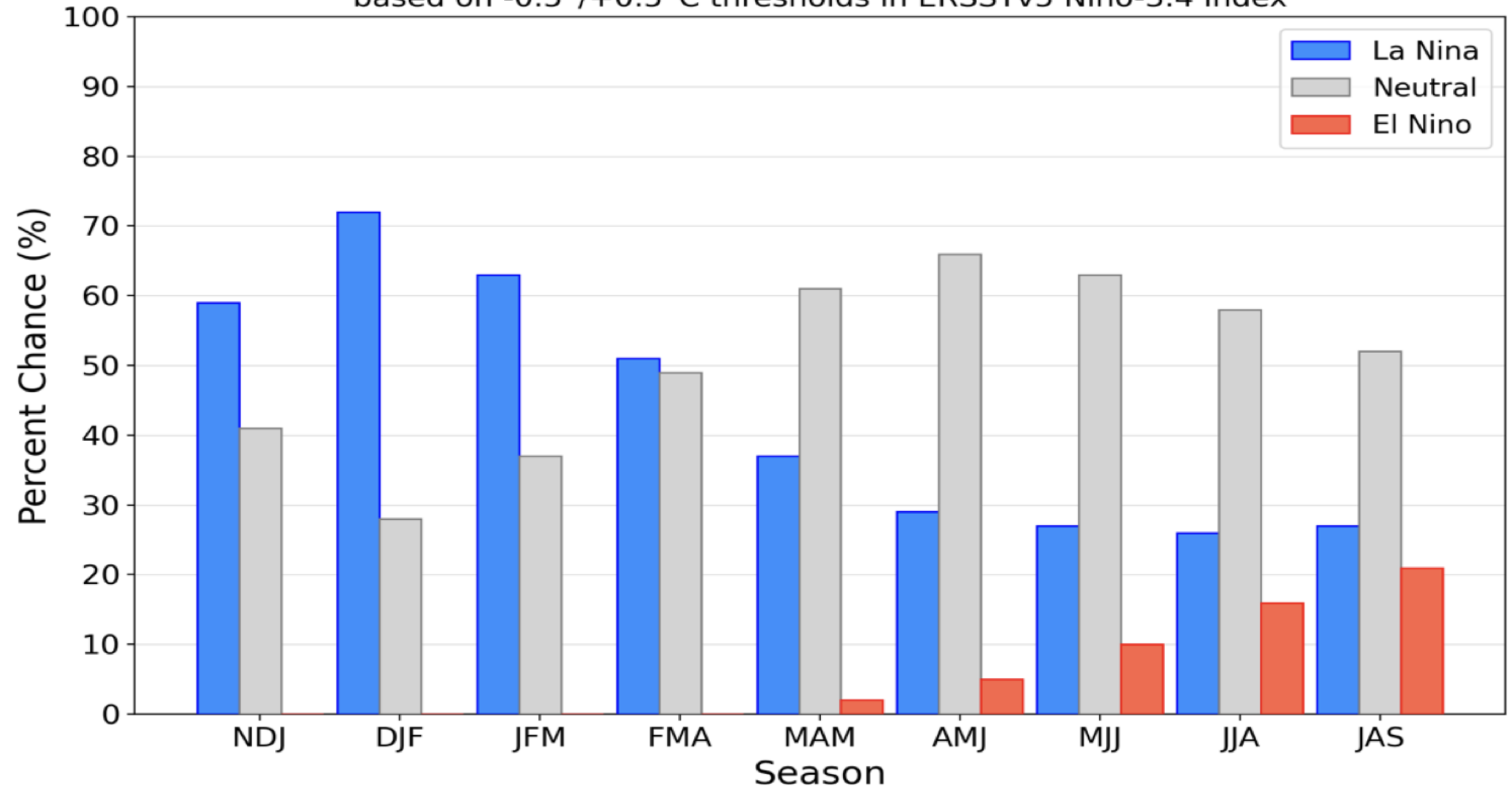


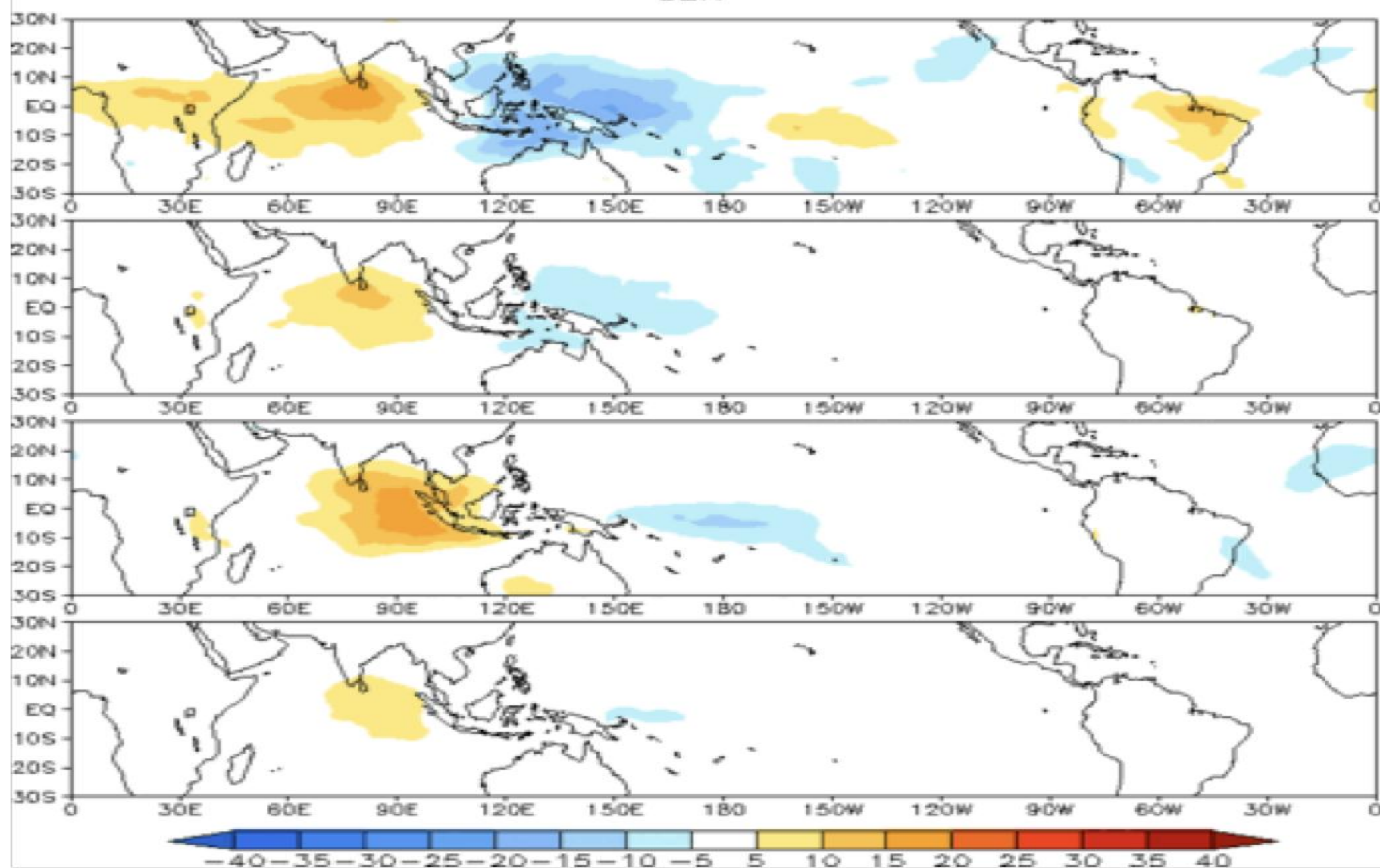
Figure provided by the International Research Institute (IRI) for Climate and Society (updated 19 December 2024).

Official NOAA CPC ENSO Probabilities (issued December 2024)

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: 22 Dec 2024
OLR



Initial Date
(22 Dec 2024)

Days 1-5 Ave
Forecast

Days 6-10 Ave
Forecast

Days 11-15 Ave
Forecast

-40 -35 -30 -25 -20 -15 -10 -5 5 10 15 20 25 30 35 40

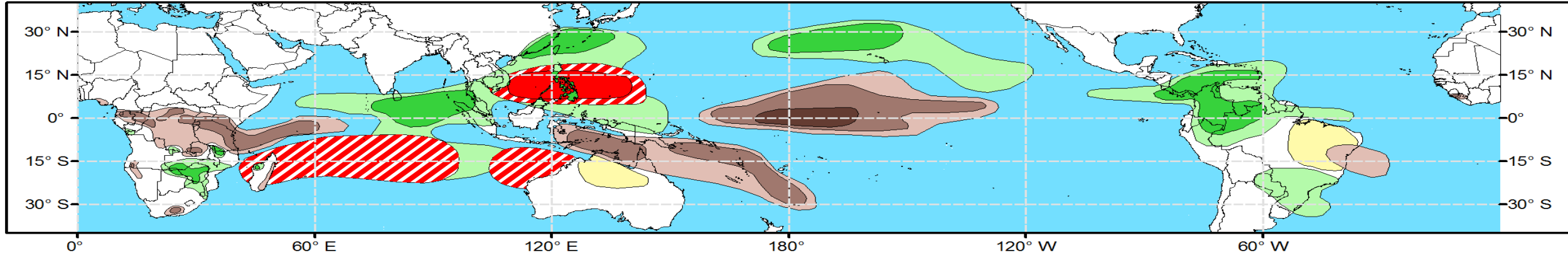


Global Tropics Hazards Outlook

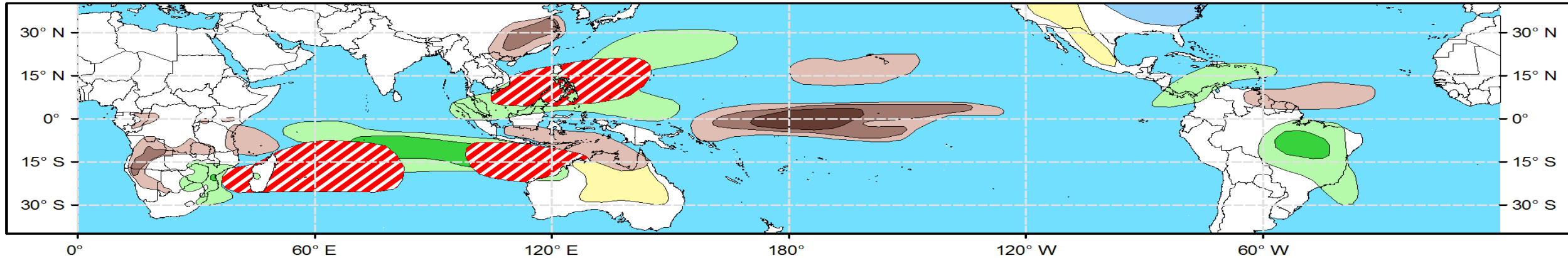
Climate Prediction Center



Week 2 - Valid: Jan 01, 2025 - Jan 07, 2025



Week 3 - Valid: Jan 08, 2025 - Jan 14, 2025



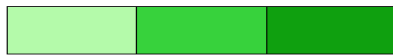
**Tropical Cyclone (TC)
Formation Probability**



>20% >40% >60%

*Tropical Depression (TD)
or greater strength*

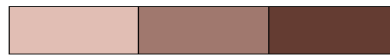
**Above-Average
Rainfall Probability**



>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*

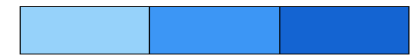
**Above-Average
Temperatures Probability**



>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: 12/24/2024

Forecaster: Allgood

**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.**