

DRMS Observed Station Data

Daywise Selection

☒ Day 1 (08:30 IST 02/12/2024 - 08:30 IST 03/12/2024)

☐ Day 2 (08:30 IST 01/12/2024 - 08:30 IST 03/12/2024)

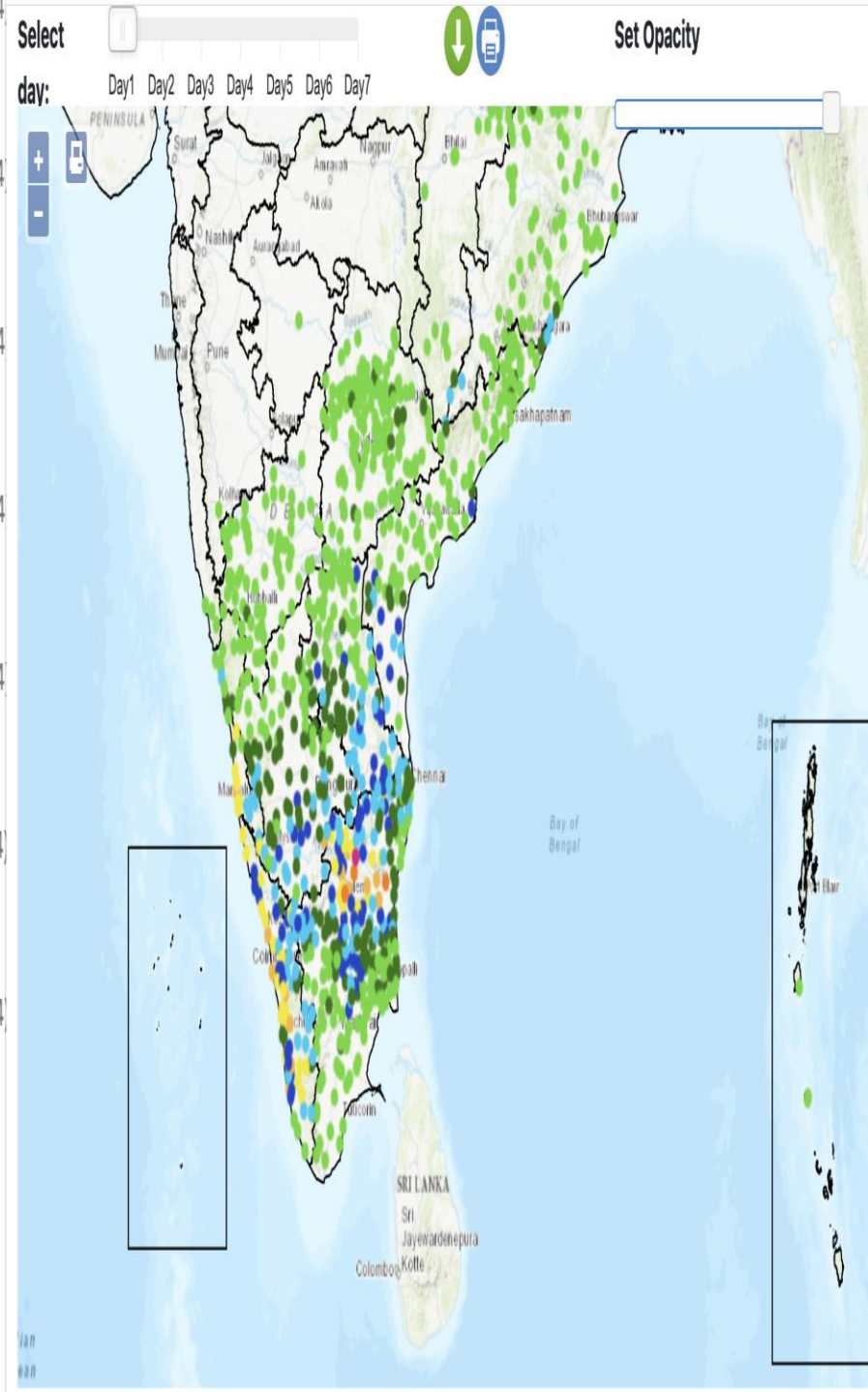
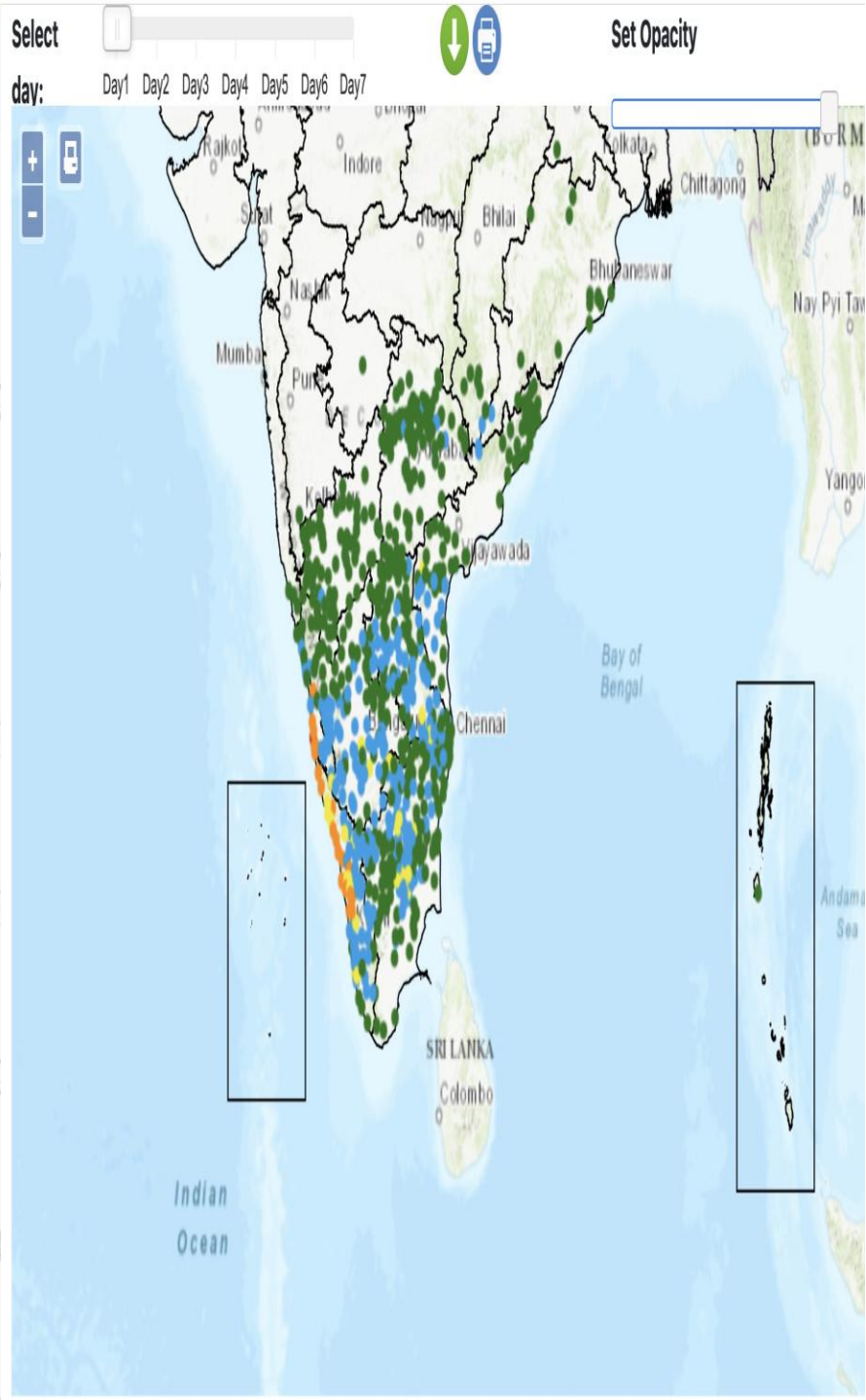
☐ Day 3 (08:30 IST 30/11/2024 - 08:30 IST 03/12/2024)

☐ Day 4 (08:30 IST 29/11/2024 - 08:30 IST 03/12/2024)

☐ Day 5 (08:30 IST 28/11/2024 - 08:30 IST 03/12/2024)

☐ Day 6 (08:30 IST 27/11/2024 - 08:30 IST 03/12/2024)

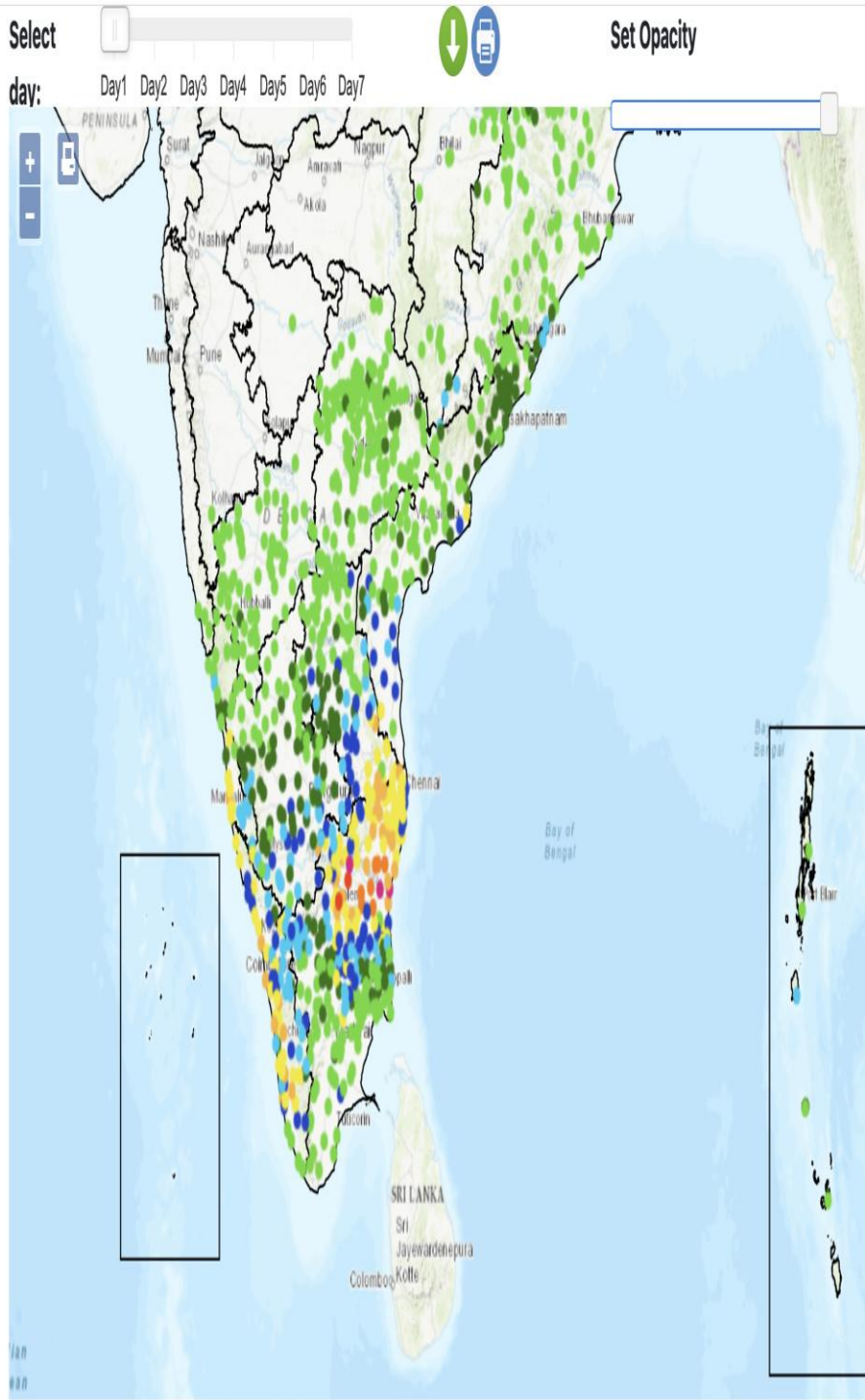
☐ Day 7 (08:30 IST 26/11/2024 - 08:30 IST 03/12/2024)



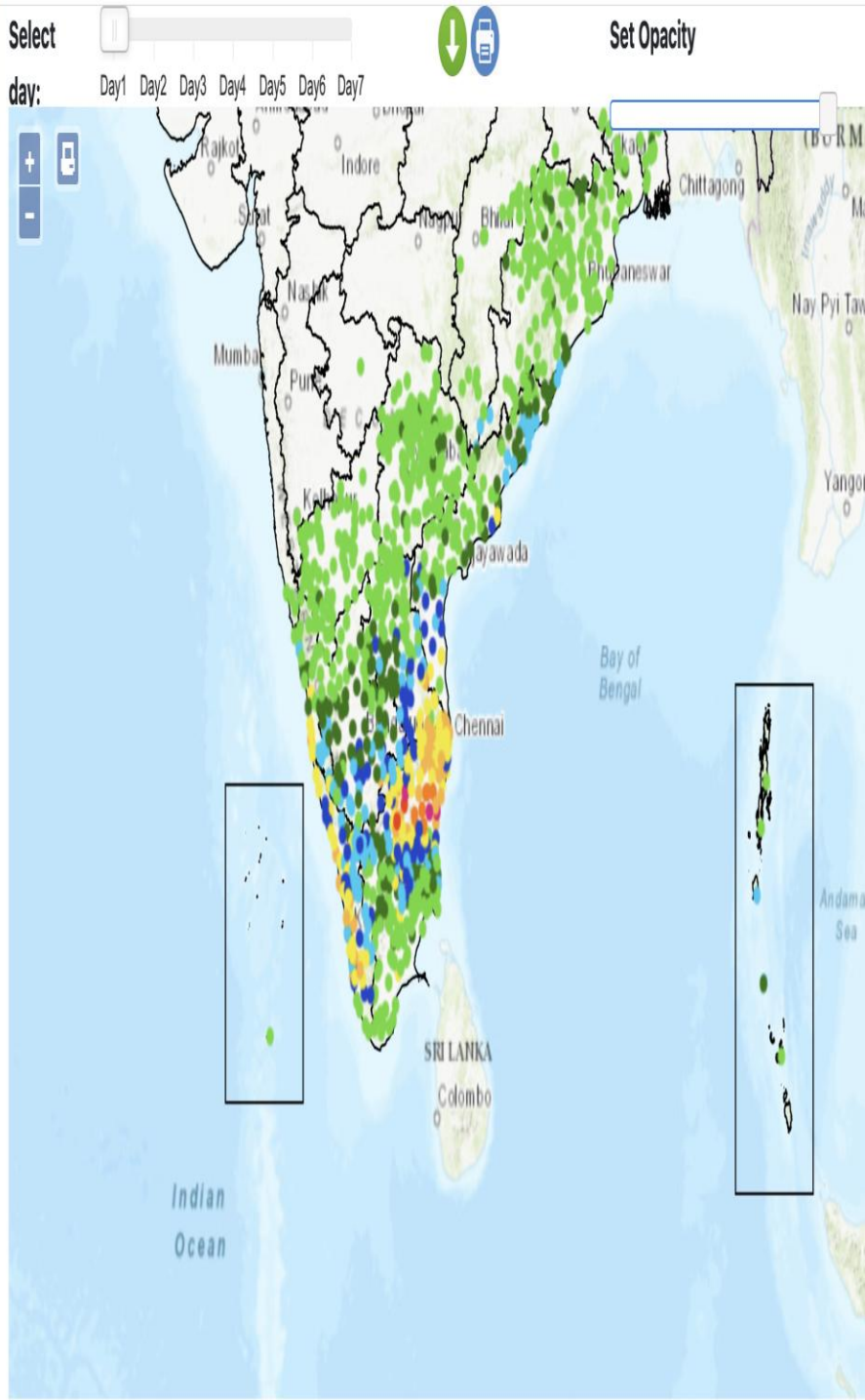
- ☒ Day 3 (08:30 IST 30/11/2024 - 08:30 IST 03/12/2024)
- ☐ Day 4 (08:30 IST 29/11/2024 - 08:30 IST 03/12/2024)
- ☐ Day 5 (08:30 IST 28/11/2024 - 08:30 IST 03/12/2024)
- ☐ Day 6 (08:30 IST 27/11/2024 - 08:30 IST 03/12/2024)
- ☐ Day 7 (08:30 IST 26/11/2024 - 08:30 IST 03/12/2024)

Legend: (Rainfall in mm)

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



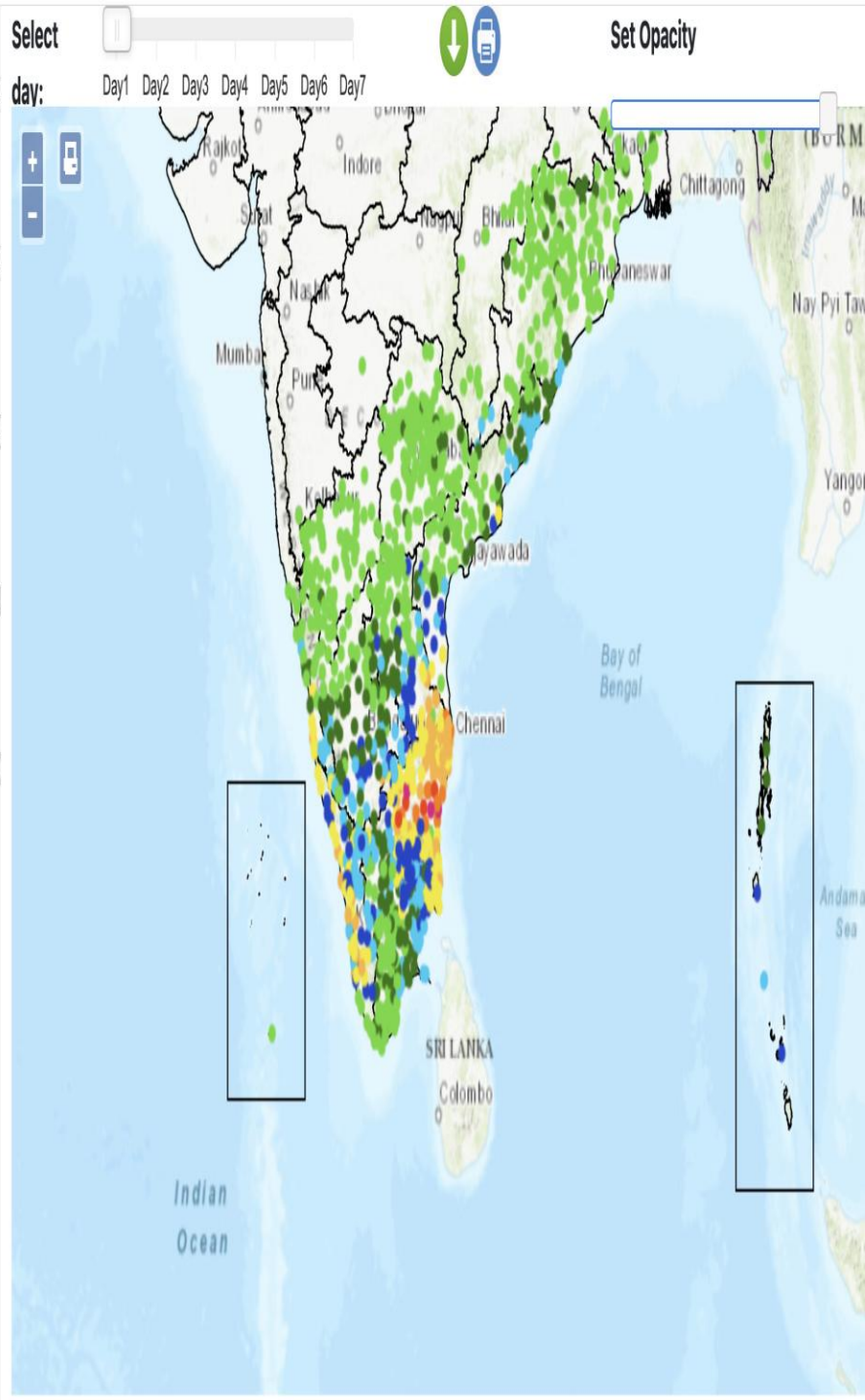
- DRMS Observed Station Data
- Daywise Selection
- ☐ Day 1 (08:30 IST 02/12/2024 - 08:30 IST 03/12/2024)
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- ☒ Day 7 (08:30 IST 26/11/2024 - 08:30 IST 03/12/2024)

Legend: (Rainfall in mm)

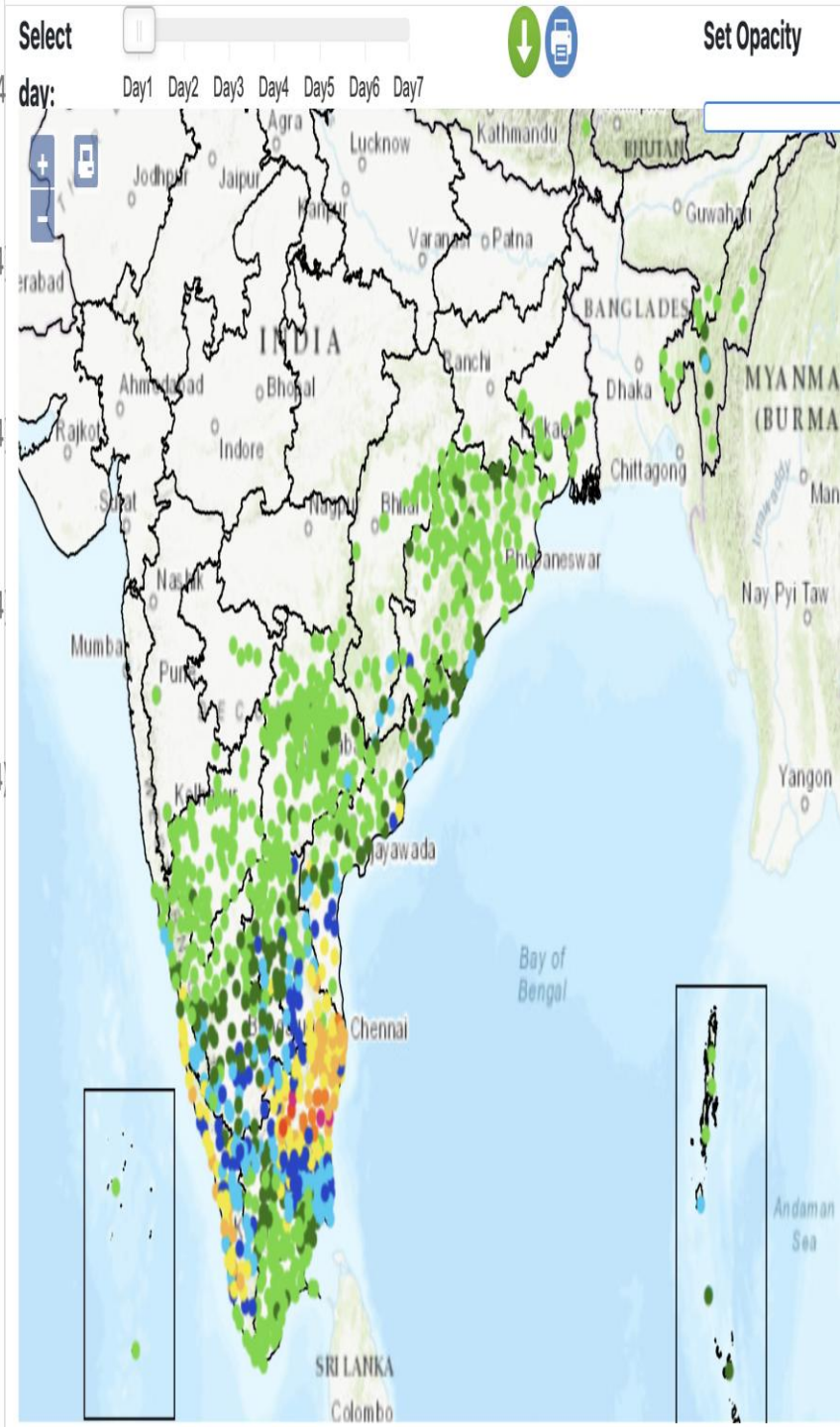
- 0.1 - 15
- 15 - 35
- 35 - 65
- 65 - 115
- 115 - 200
- 200 - 300
- 300 - 400
- 400 - 500
- > 500



- ☐ Day 3 (08:30 IST 02/12/2024 - 08:30 IST 05/12/2024)
- ☐ Day 4 (08:30 IST 01/12/2024 - 08:30 IST 05/12/2024)
- ☐ Day 5 (08:30 IST 30/11/2024 - 08:30 IST 05/12/2024)
- ☐ Day 6 (08:30 IST 29/11/2024 - 08:30 IST 05/12/2024)
- ☒ Day 7 (08:30 IST 28/11/2024 - 08:30 IST 05/12/2024)

Legend: (Rainfall in mm)

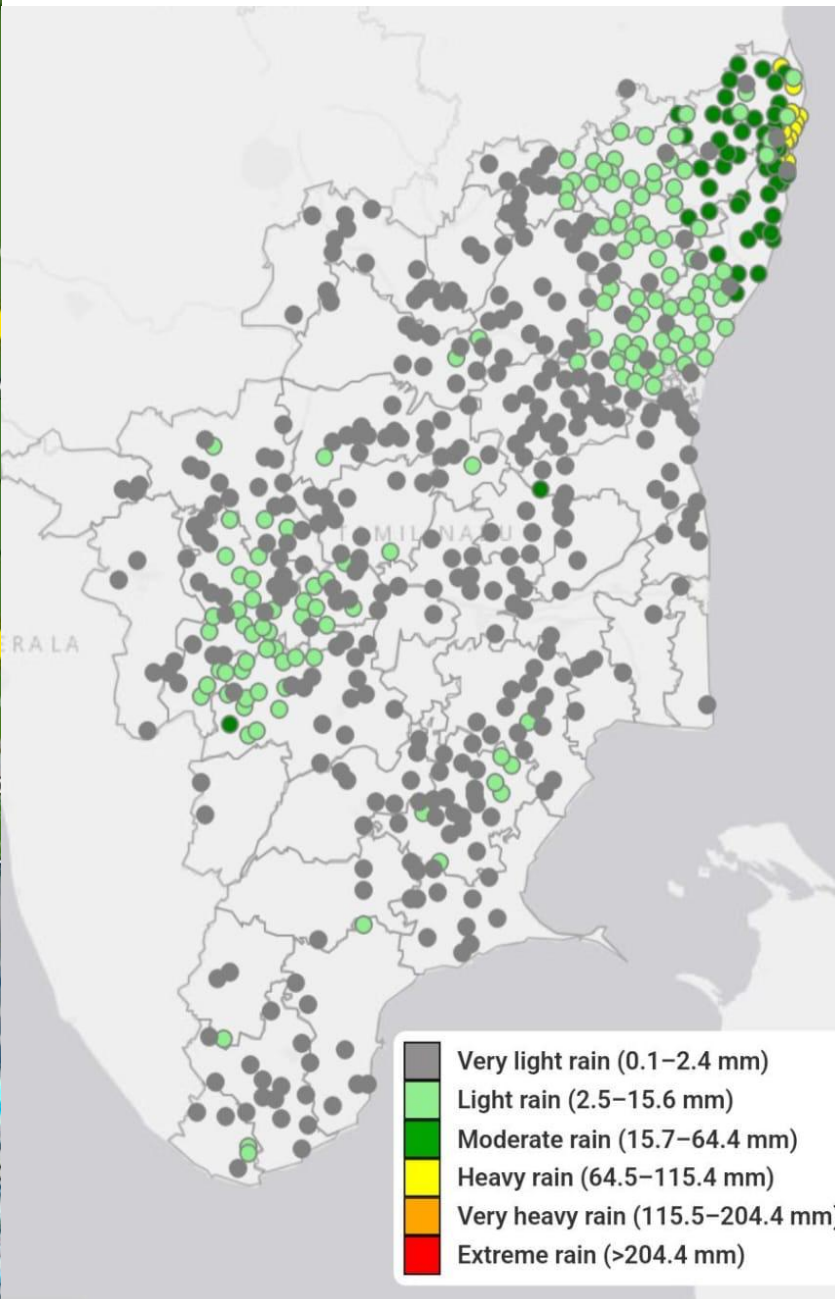
- 0.1 - 15
- 15 - 35
- 35 - 65
- 65 - 115
- 115 - 200
- 200 - 300
- 300 - 400
- 400 - 500
- > 500





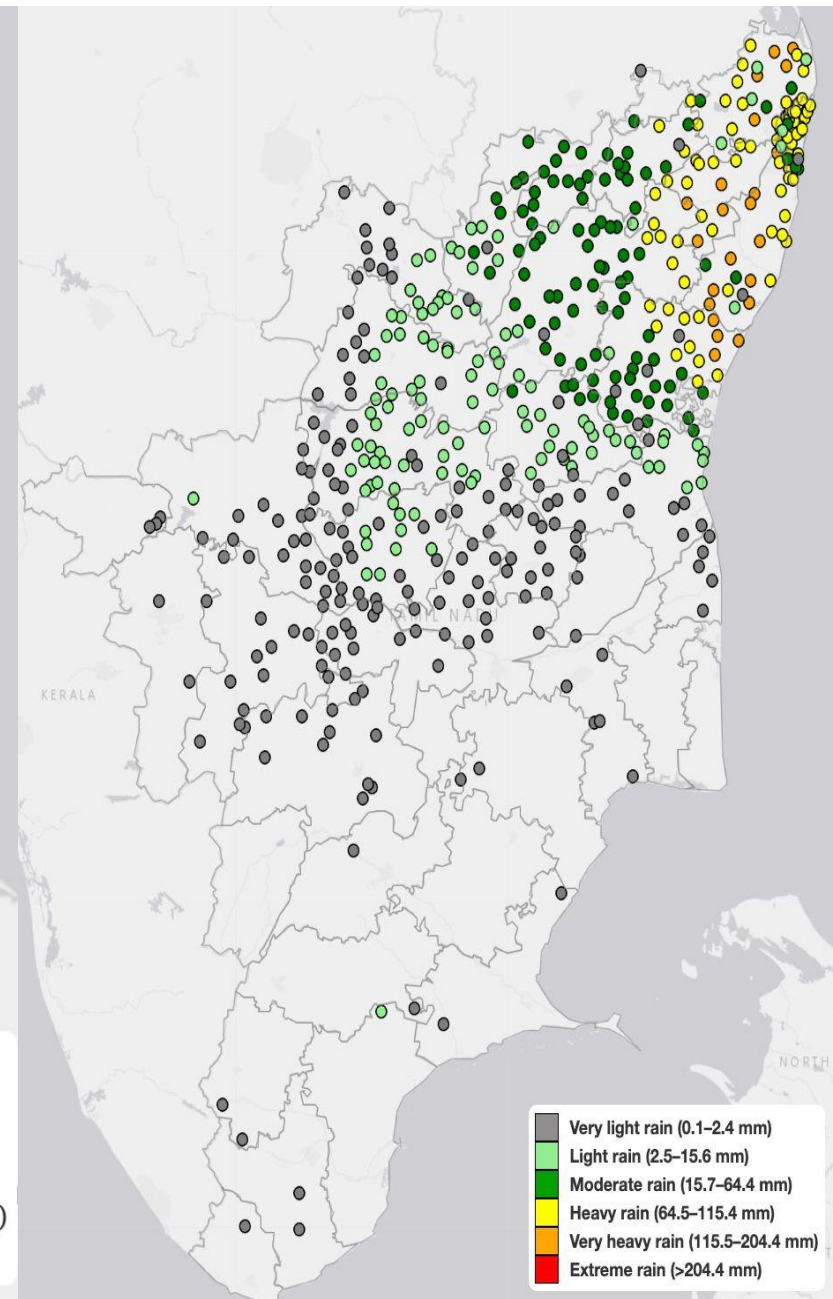


24hrs accumulation 8.30 am status. Max recorded in Chennai, sathangadu 116 mm.

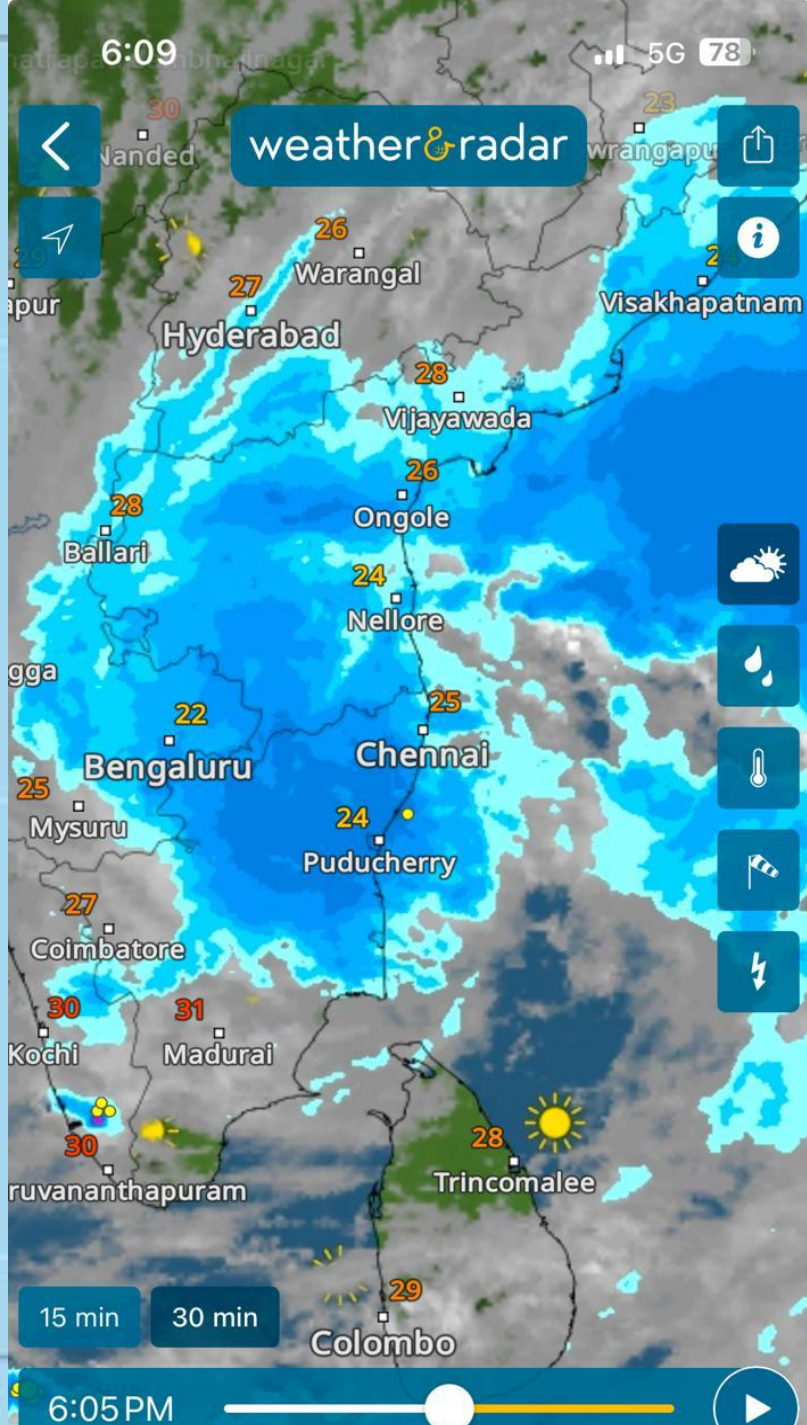
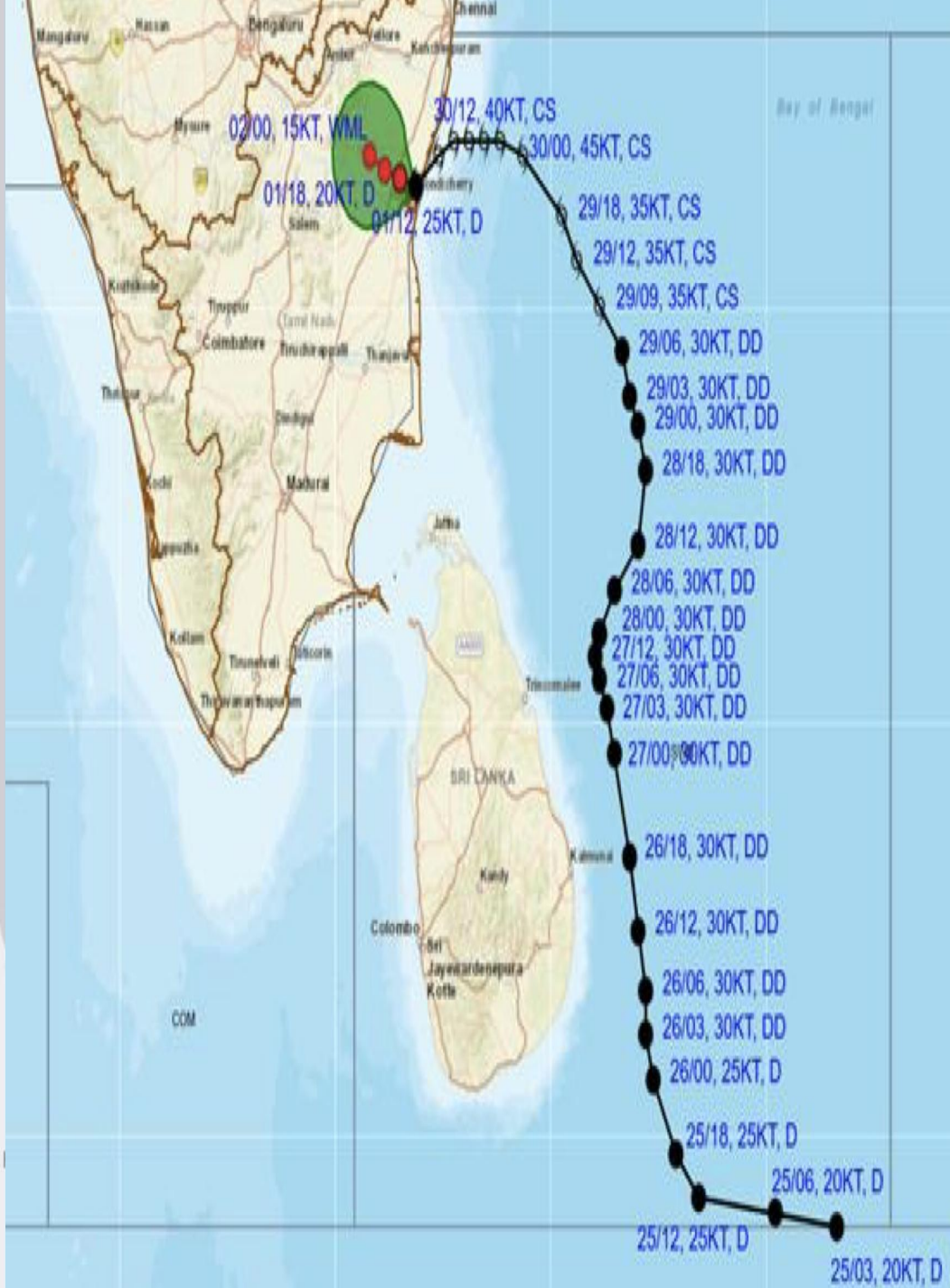
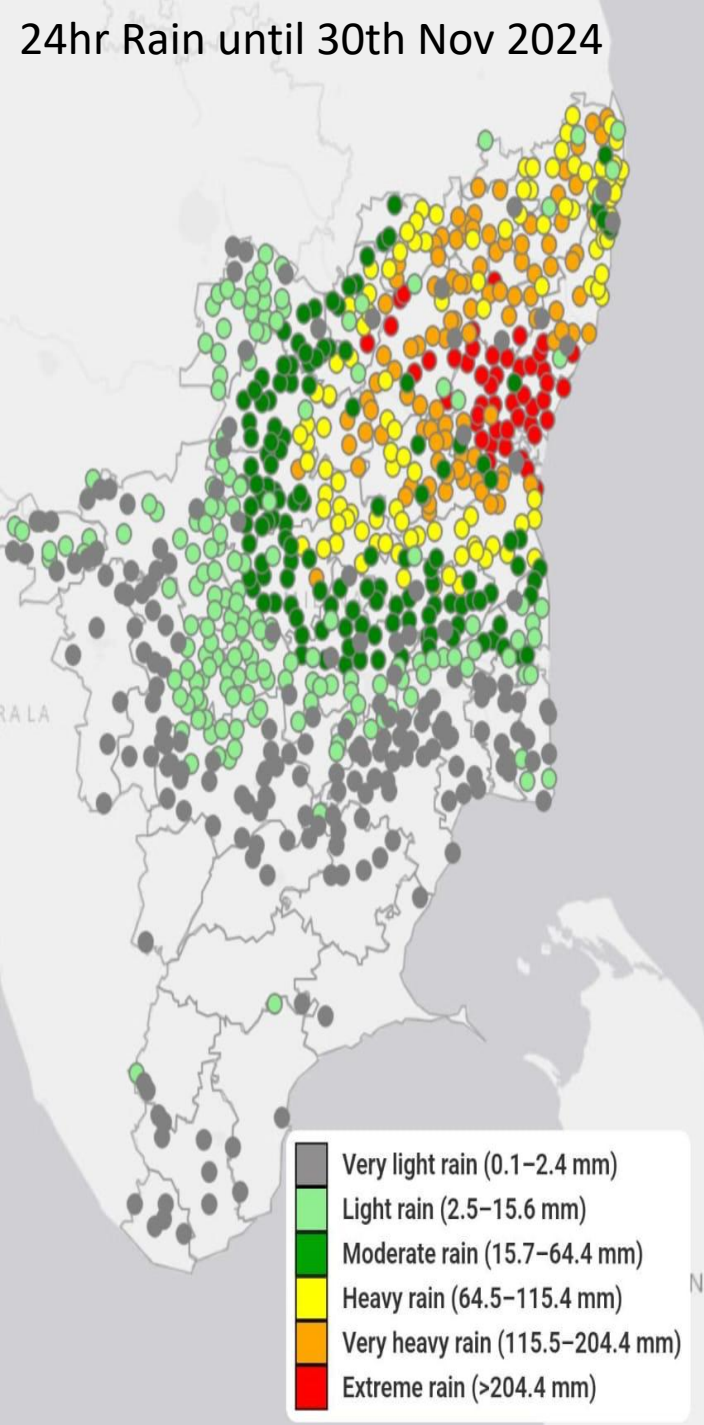


29th Nov 2024

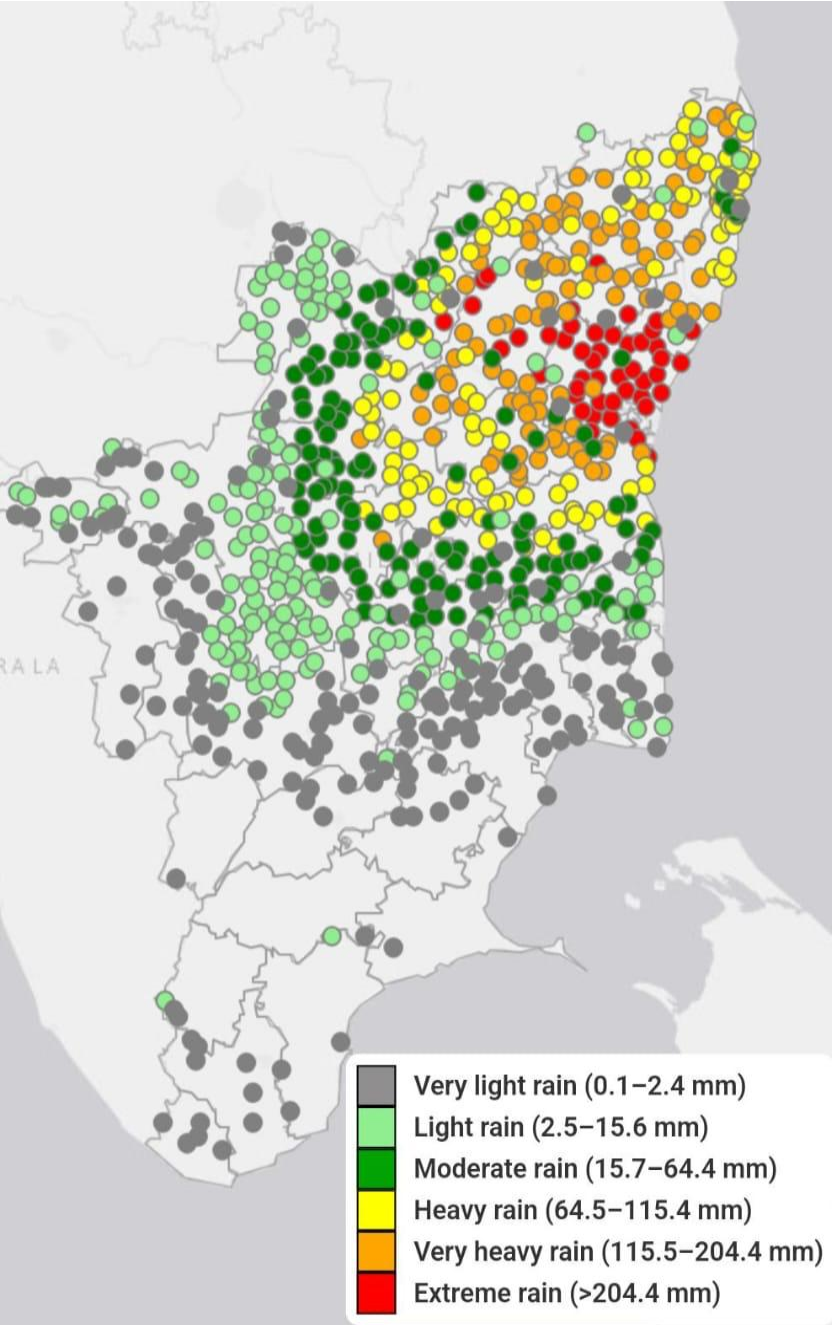
8.30 am to 4.30 pm rainfall today



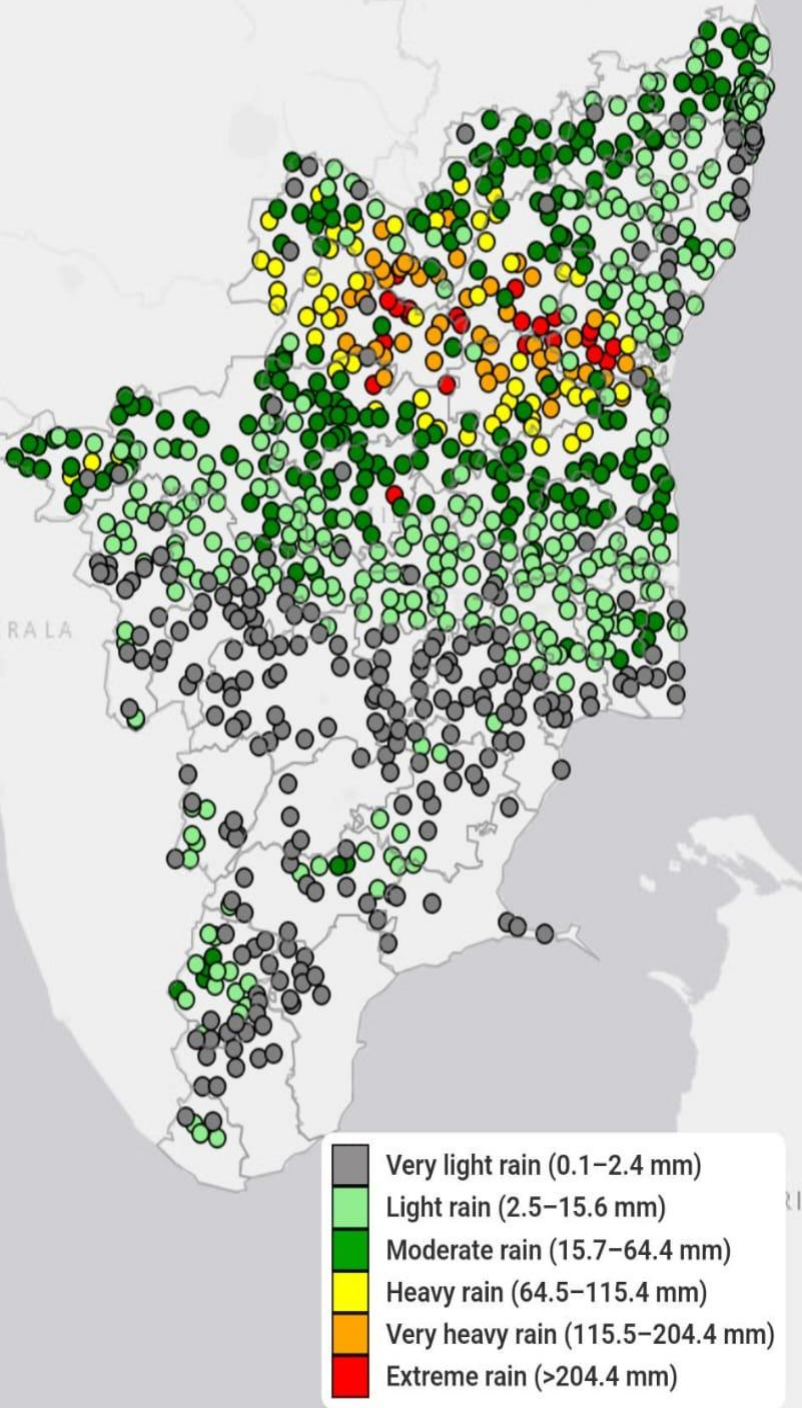
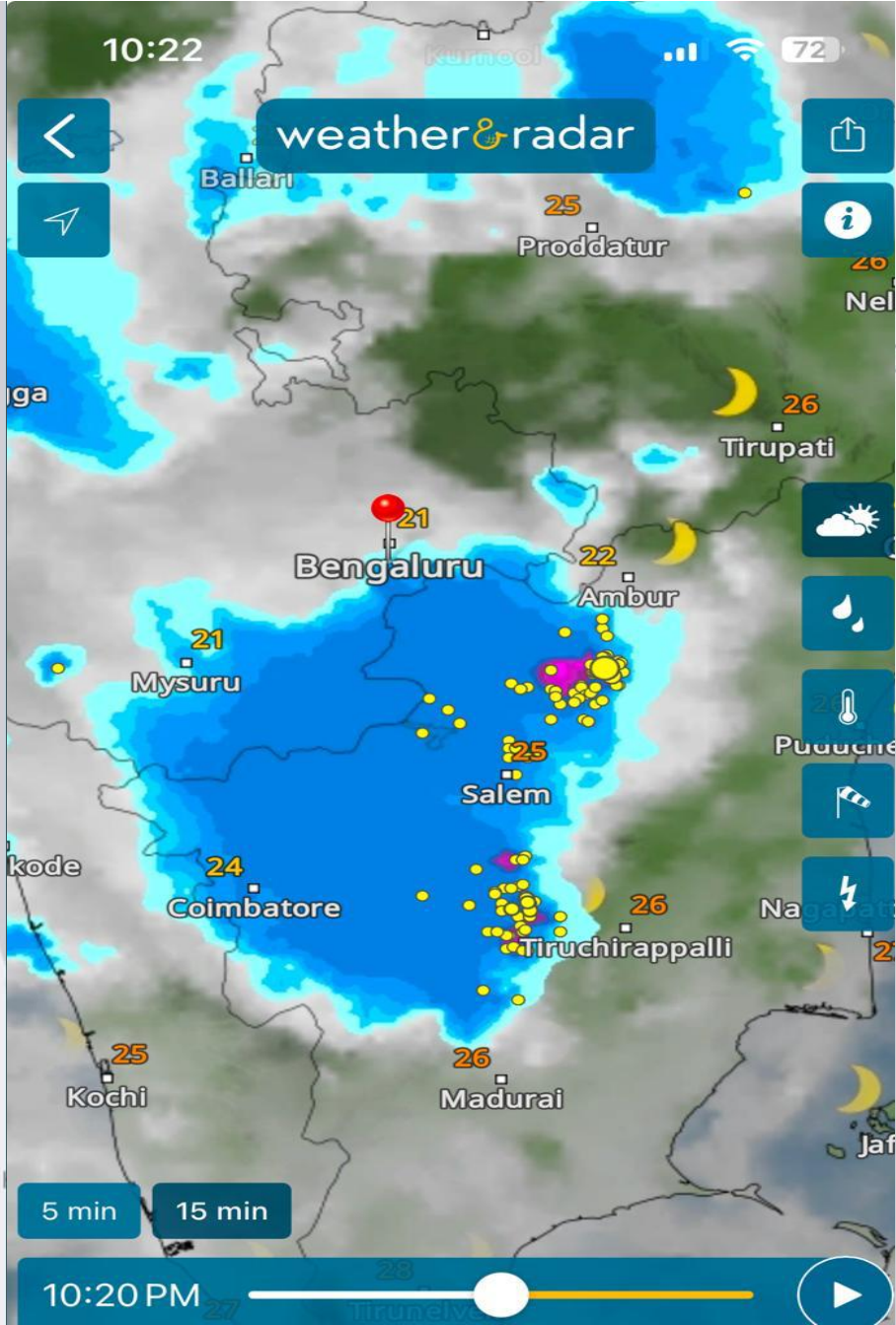
24hr Rain until 30th Nov 2024

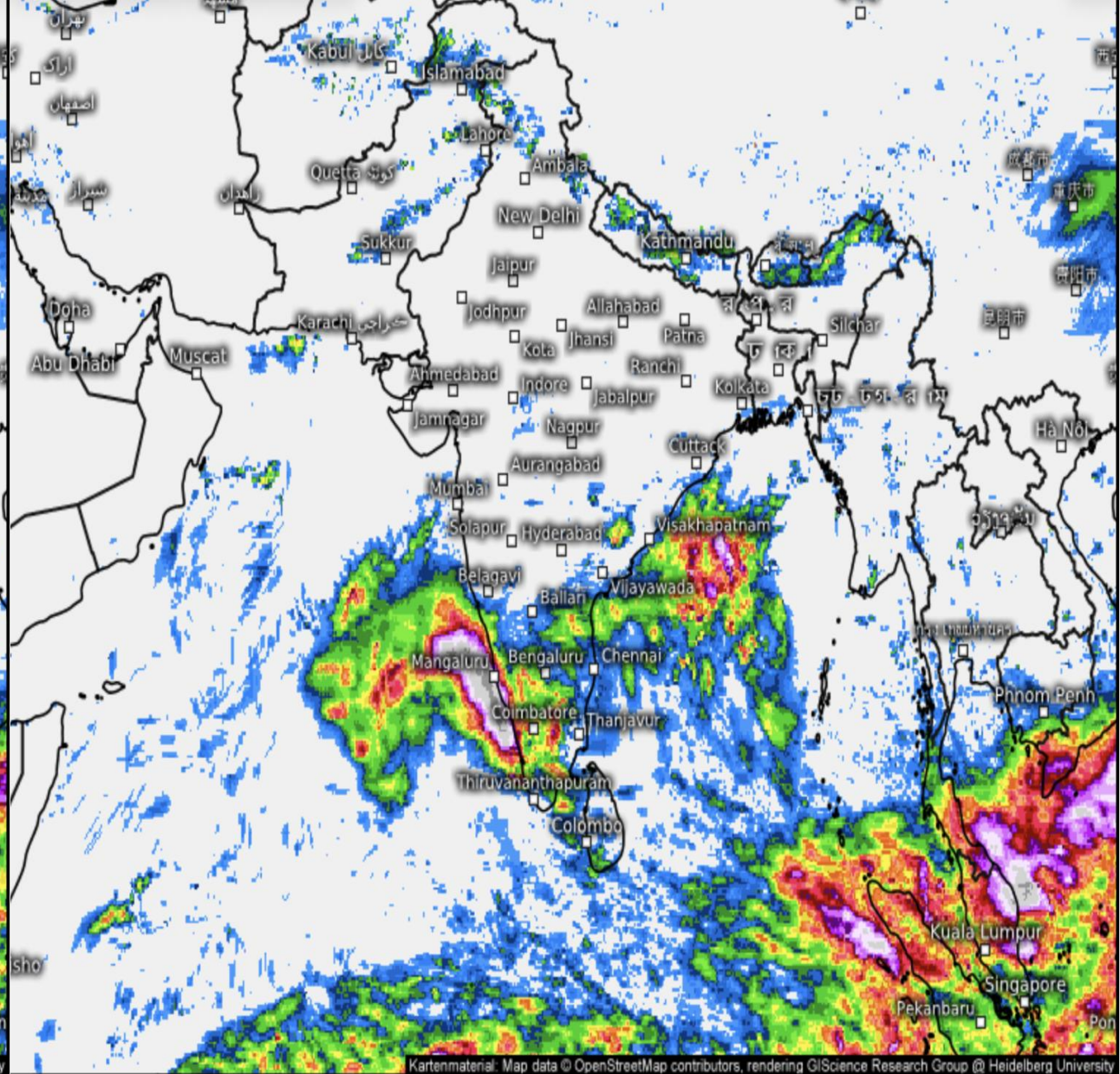
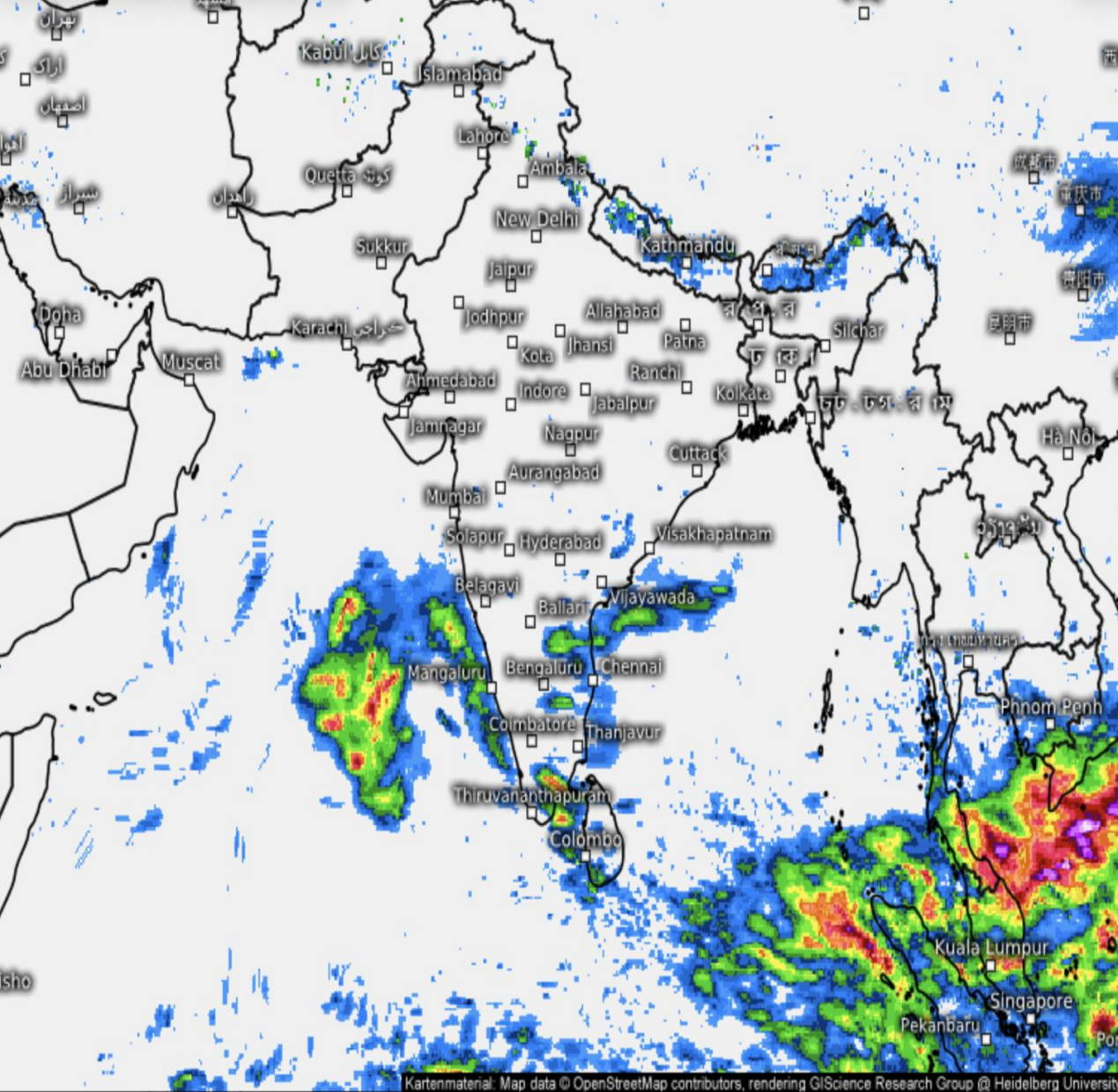


1st December 2024



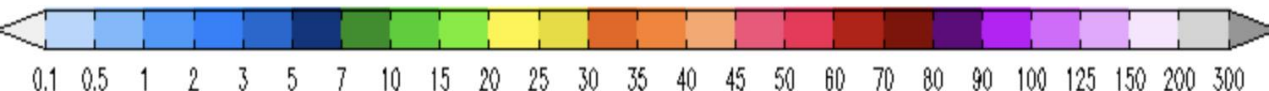
2nd December 2024





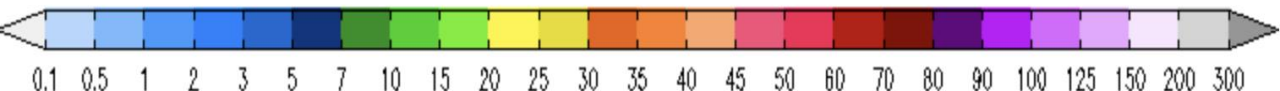
Accumulated Precipitation, 24h (Satellite) (mm) 

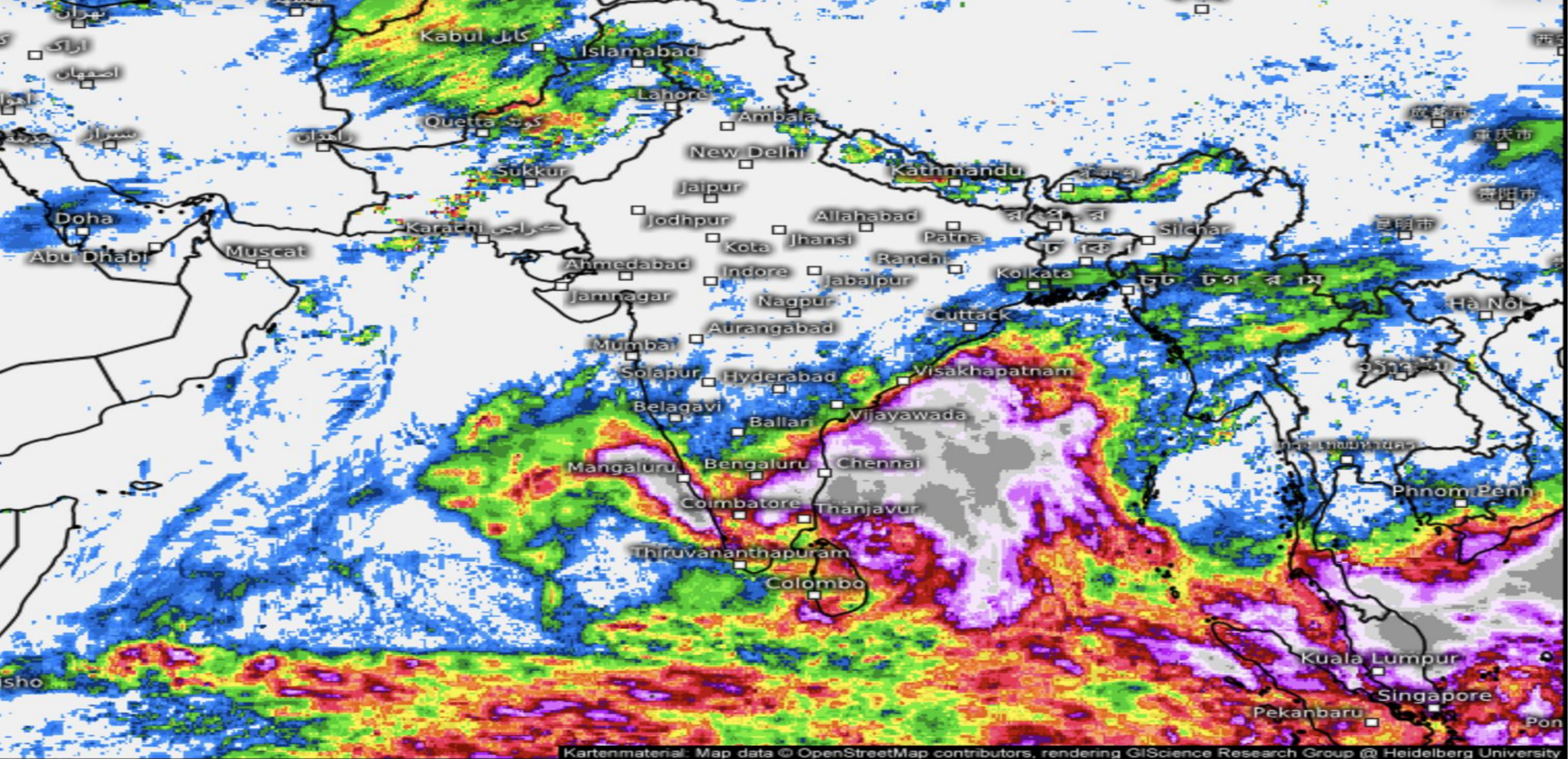
Thu 12/05/2024, 05:30am IST



Accumulated Precipitation, 72h (Satellite) (mm) 

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

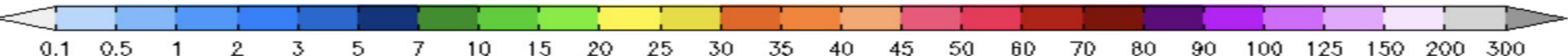


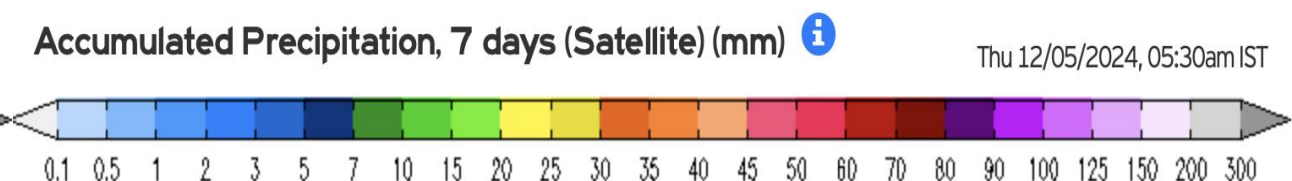
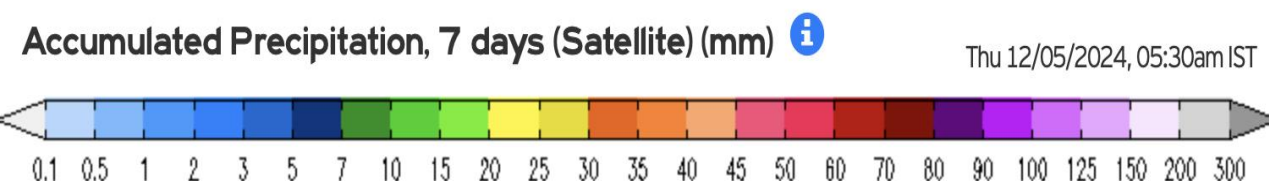
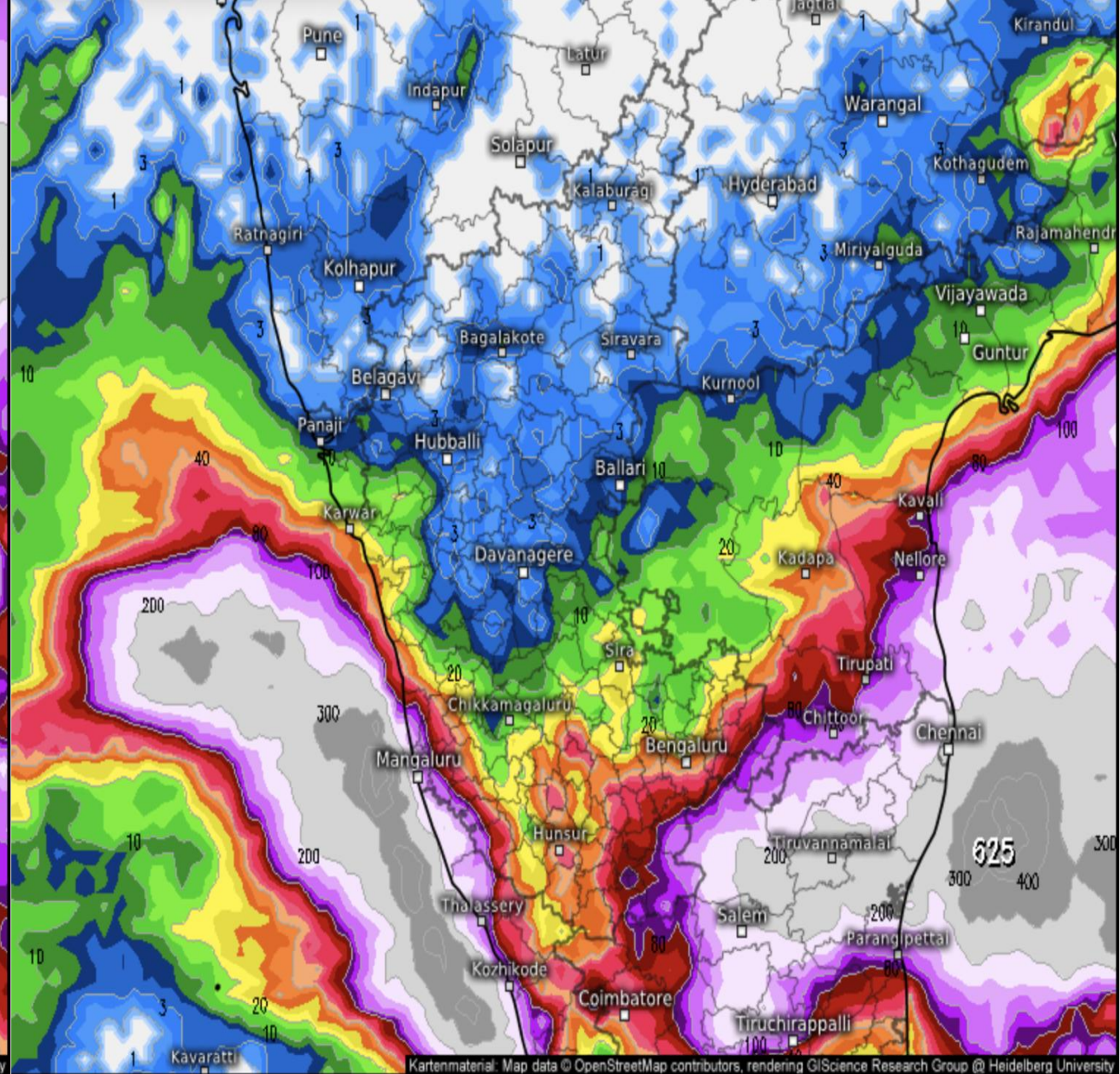
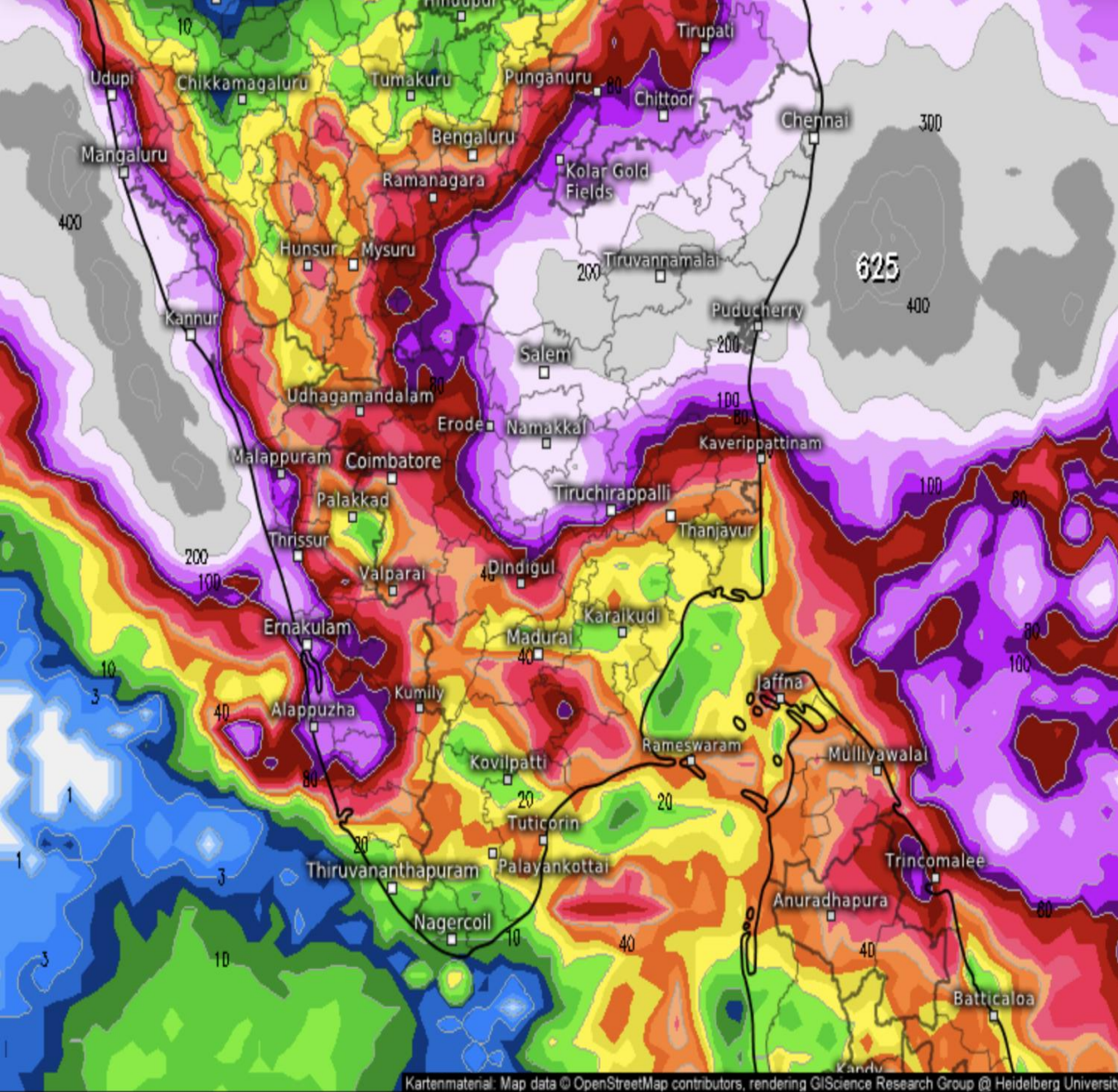


Kartenmaterial: Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University

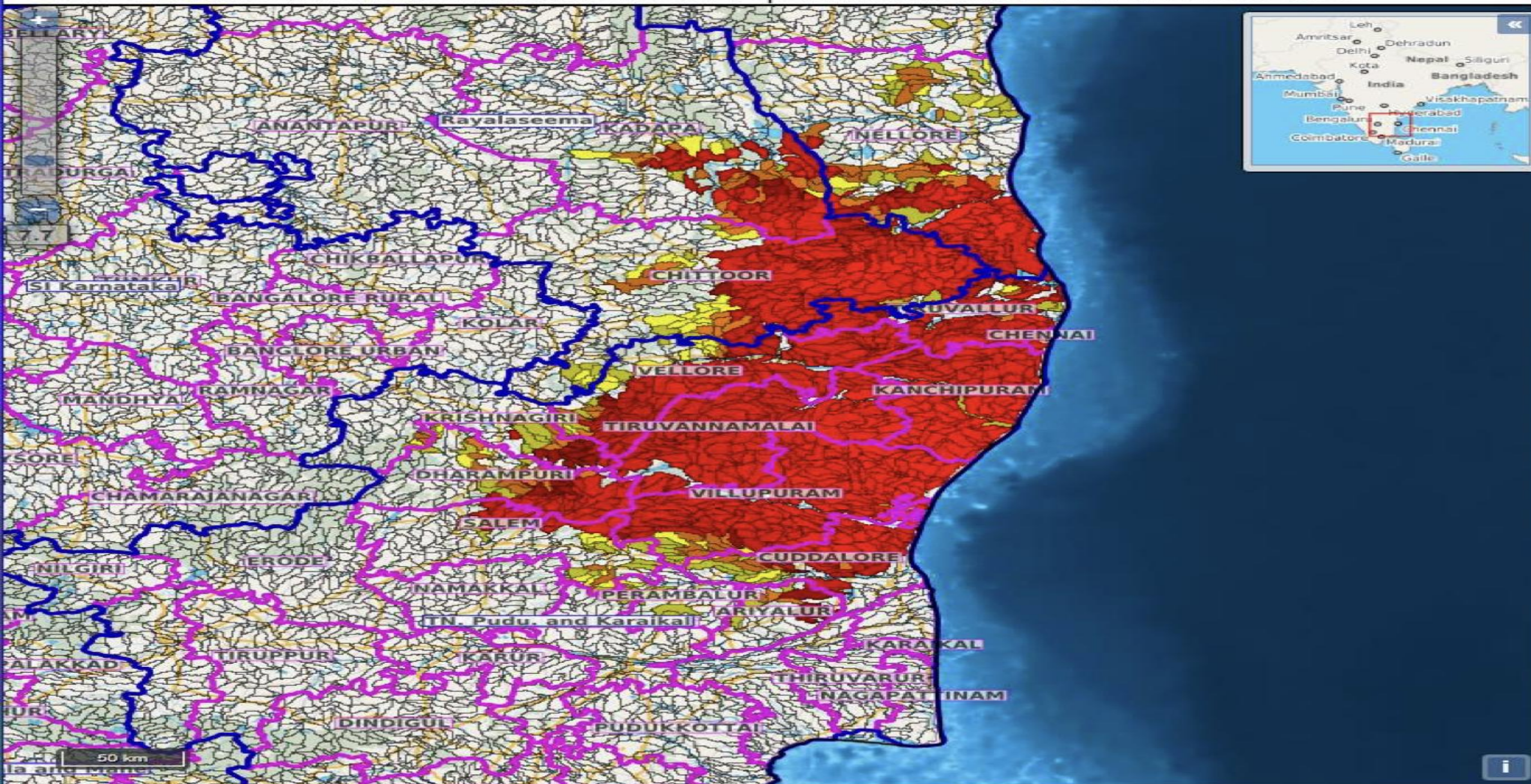
Accumulated Precipitation, 7 days (Satellite) (mm) 

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





Product: NCUM FFR | Timescale: 24-hr | Region: "REGIONAL"
Product Date: 2024-11-30 00:00 UTC | Valid Date: 2024-12-01 00:00 UTC



Floods wash away Rs 16-crore bridge opened on September 2 in Tamil Nadu

TNN / Updated: Dec 4, 2024, 10:23 IST



A newly built bridge across the South Pennar river in Tiruvannamalai district, inaugurated on Sept 2, was washed away due to excess rain and water discharge from Sathanur dam. The bridge was designed to withstand a discharge of 54,417 cusecs, but almost two lakh cusecs were released, causing extensive damage.

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A newly built bridge across the South Pennar river in Tiruvannamalai district that was inaugurated on Sept 2 by PWD minister E V Velu was washed away on Tuesday. The 250m bridge connecting two villages was constructed at a cost of 15.9crore.

The public works department (PWD) said the bridge was designed to withstand a discharge of 54,417 cusecs but due to excess rain, water was let out from Sathanur dam at the rate of close to two lakh cusecs, resulting in the bridge getting extensively damaged. The bridge, which was built on 11 pillars, was situated 24km downstream of Sathanur dam. Several parts in Tamil Nadu's western region were lashed by rain. Rate of flow into

Cyclone Fengal causes flooding in Tamil Nadu's Villupuram and Puducherry



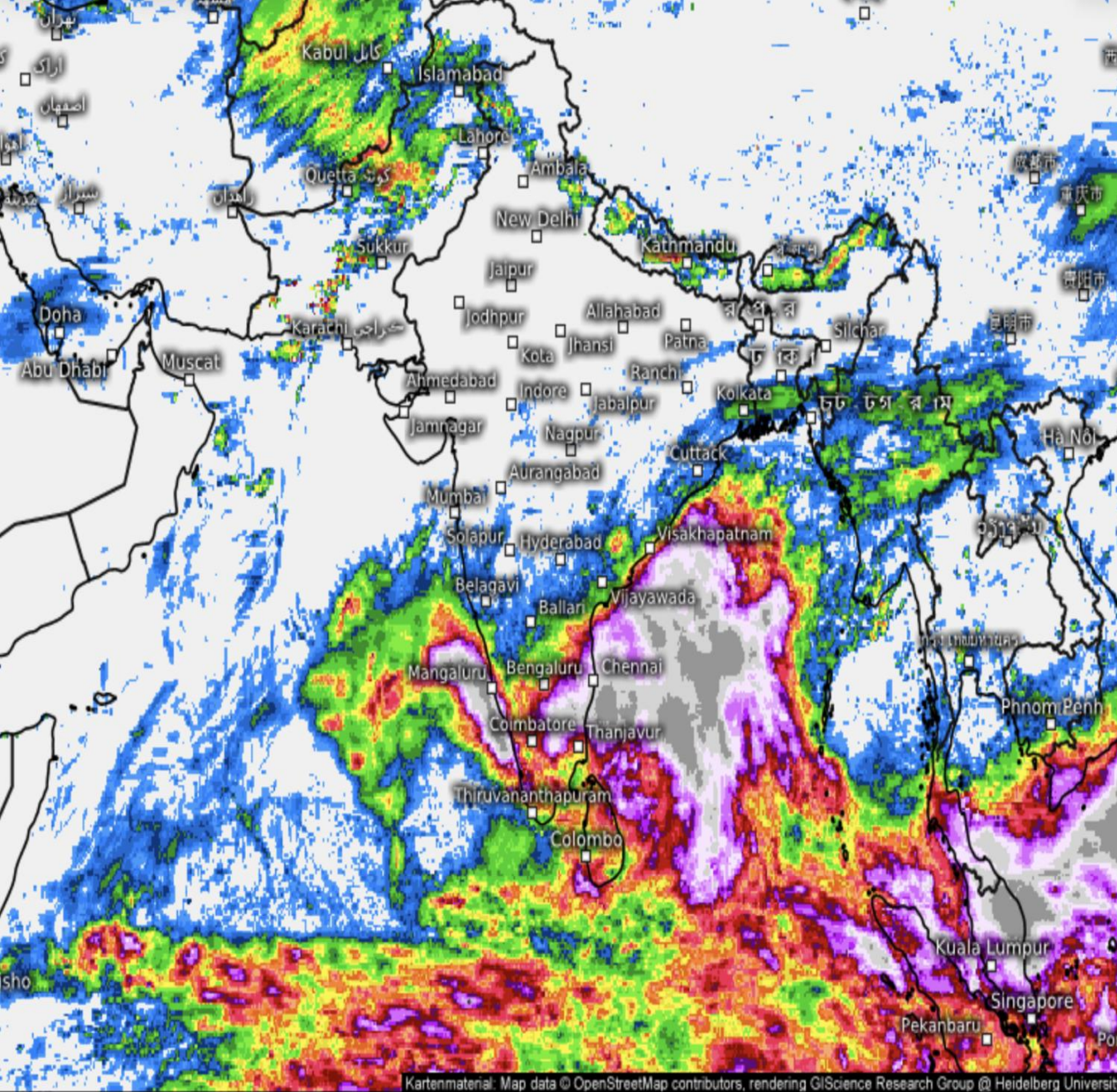
India Today Video Desk



UPDATED: Dec 1, 2024 23:43 IST



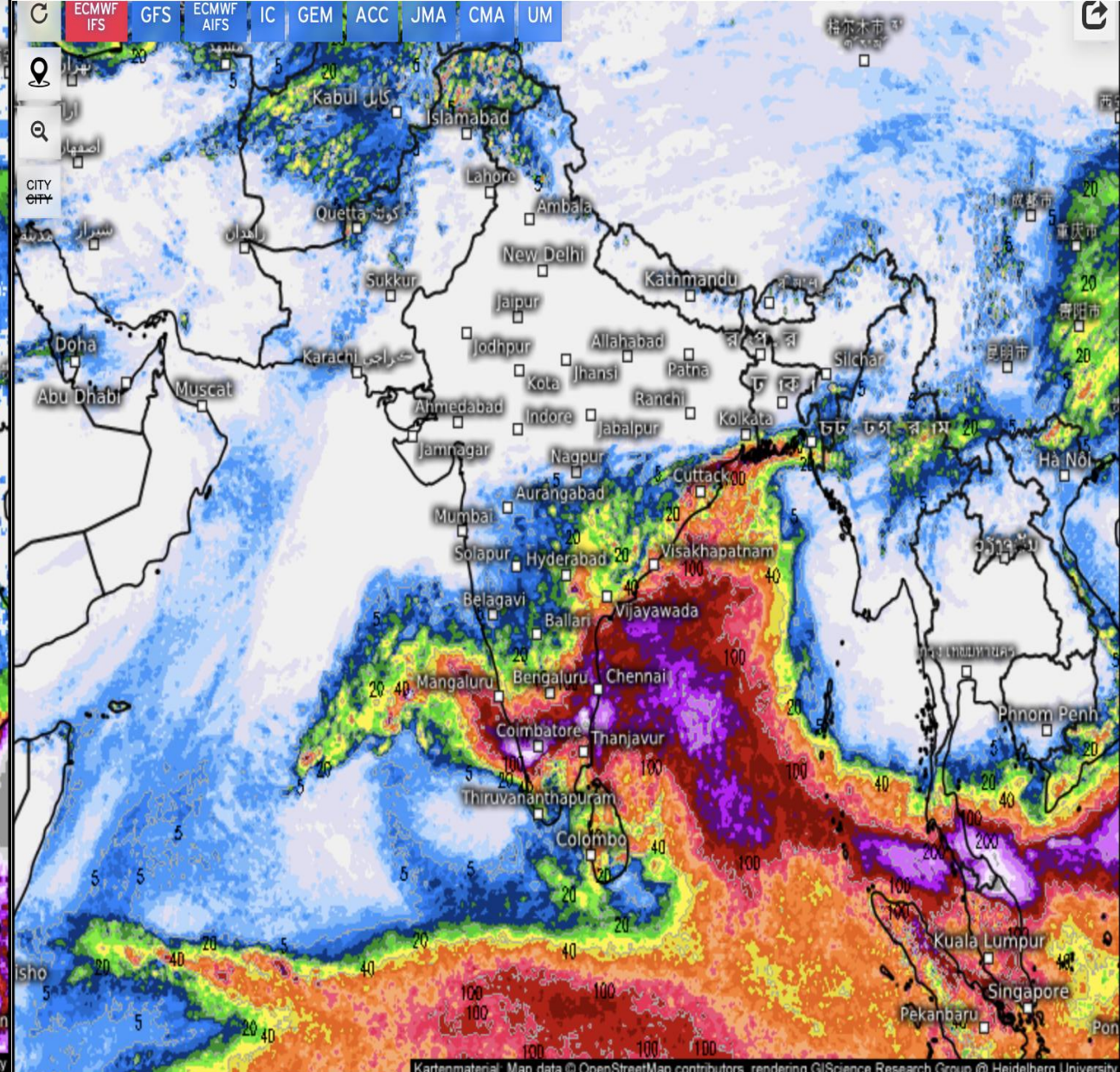
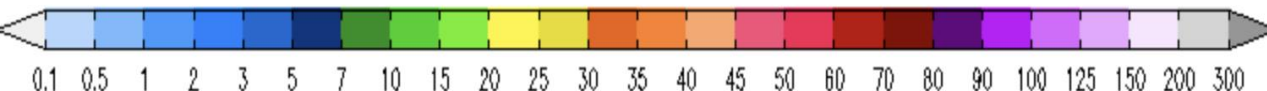
Cyclone Fengal has wreaked havoc in Tamil Nadu's Villupuram and Puducherry, causing immense damage due to heavy rain and flooding. In Villupuram, the Tamil Nadu Disaster Relief Force and volunteers are actively rescuing stranded residents, some trapped for more than 24 hours. Puducherry has seen an unprecedented 48 centimetres of rain, resulting in extensive floods. The Indian Army, NDRF, and state agencies are leading relief efforts, having rescued around 500 people. Tragically, four lives have been lost in rain-related incidents. ■



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

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

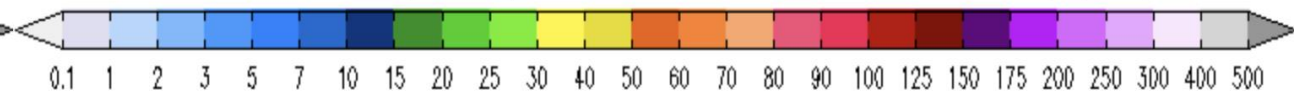
Thu 12/05/2024, 05:30am IST

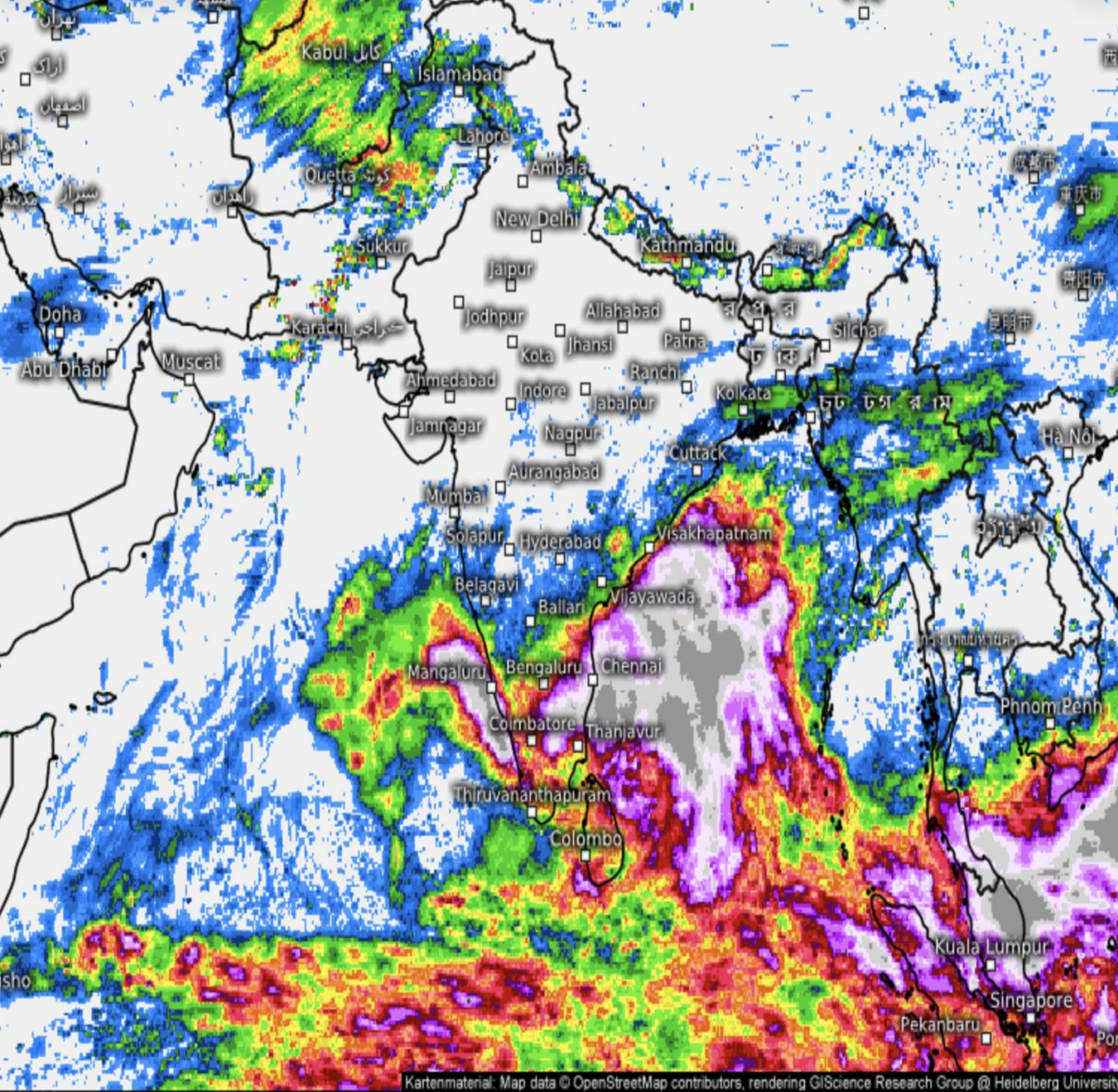


Kartenmaterial: Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University

Accumulated total precipitation (mm) ⓘ

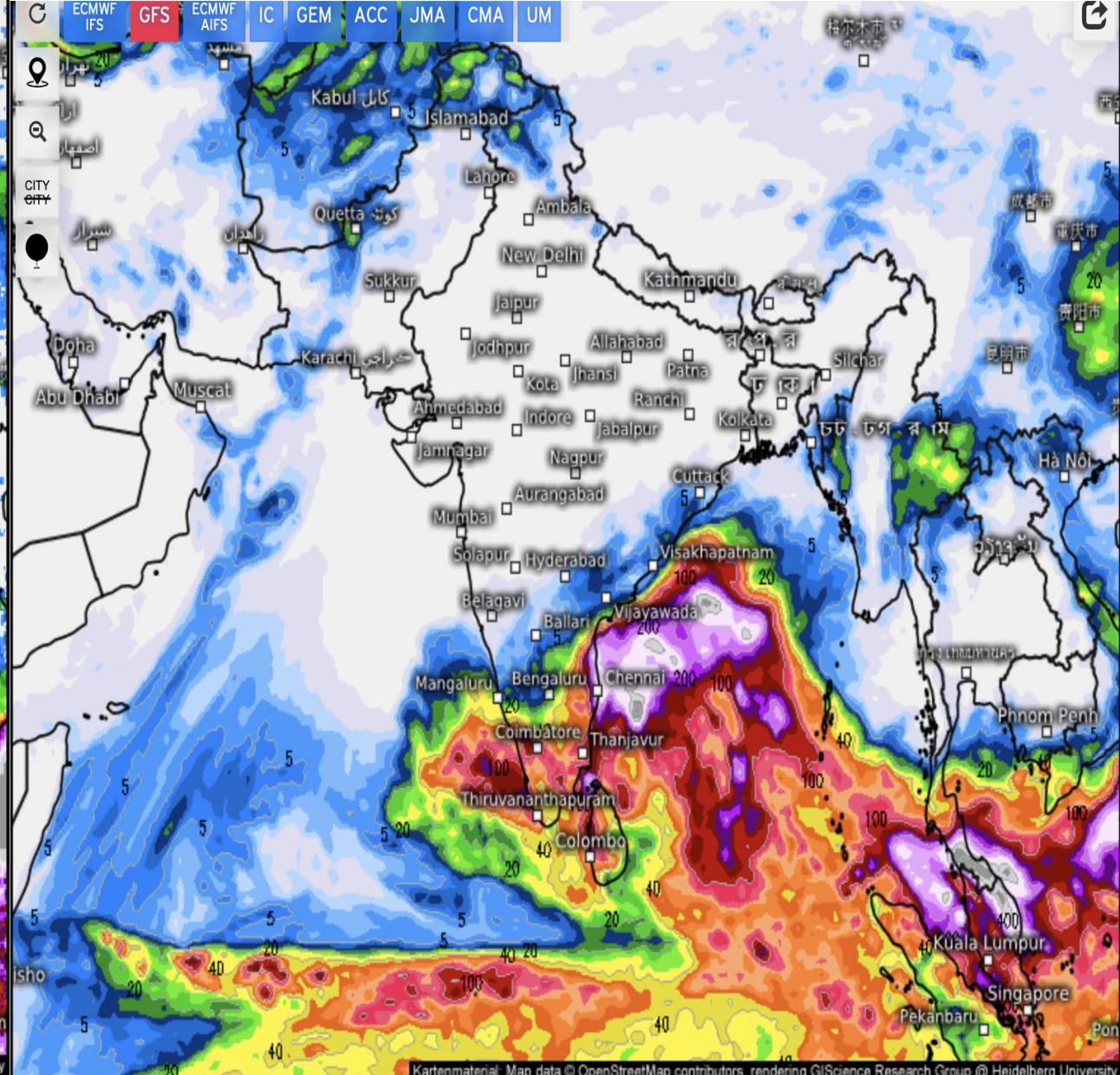
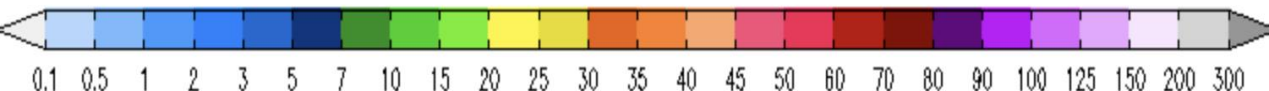
From Thu 11/28/2024, 05:30am IST
to Thu 12/05/2024, 05:30am IST





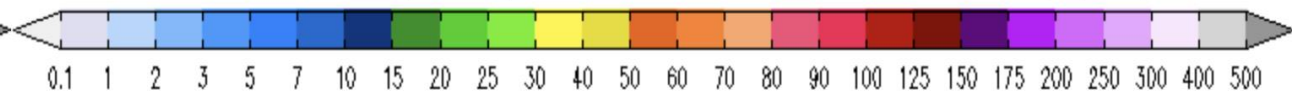
Accumulated Precipitation, 7 days (Satellite) (mm) ⓘ

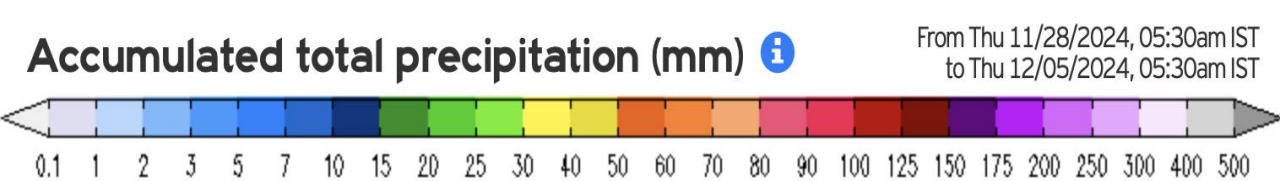
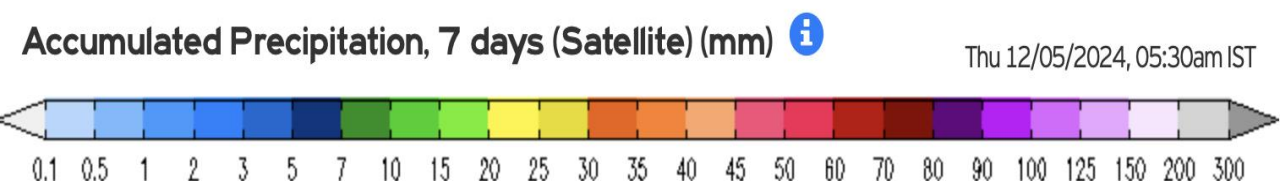
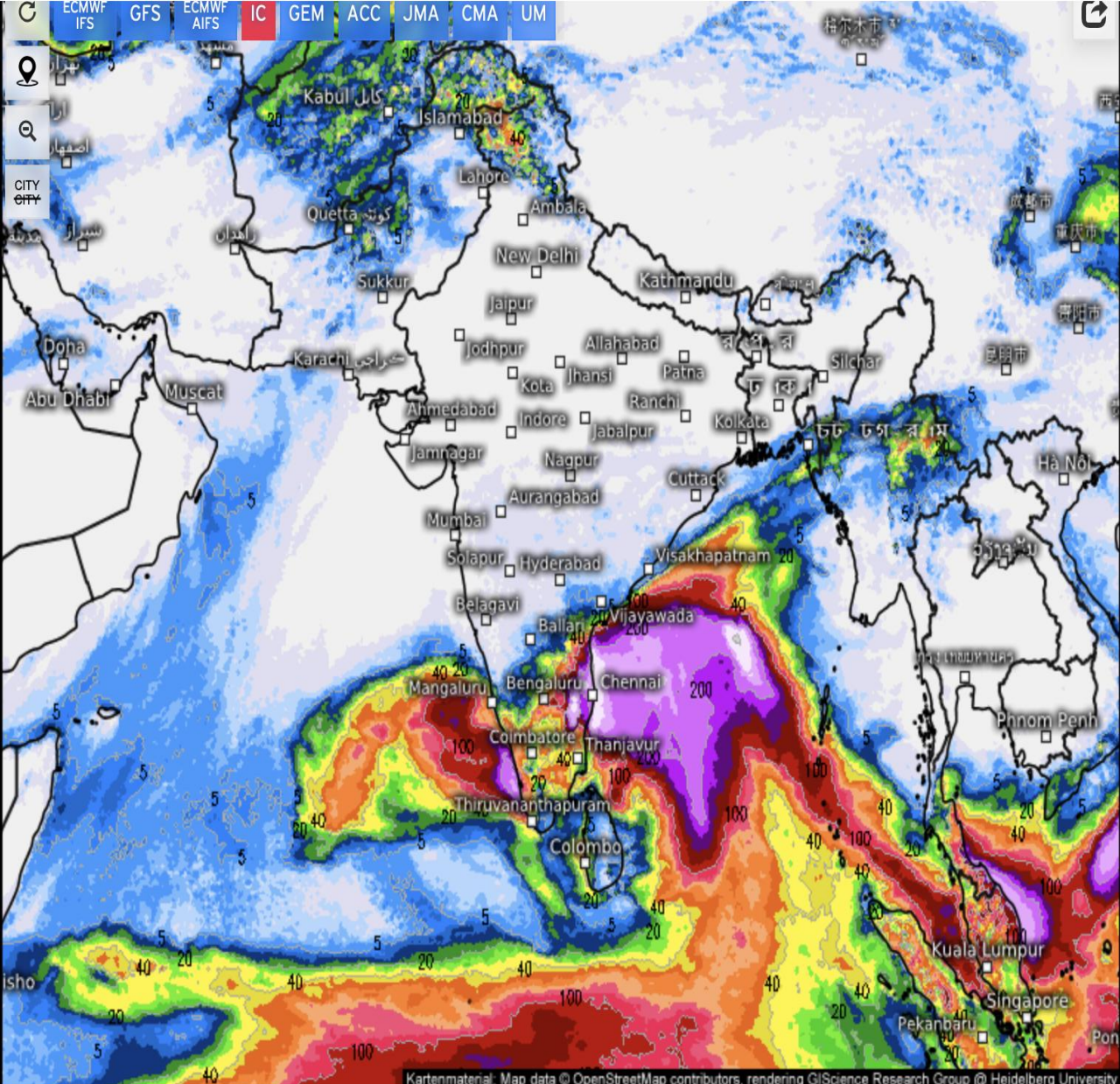
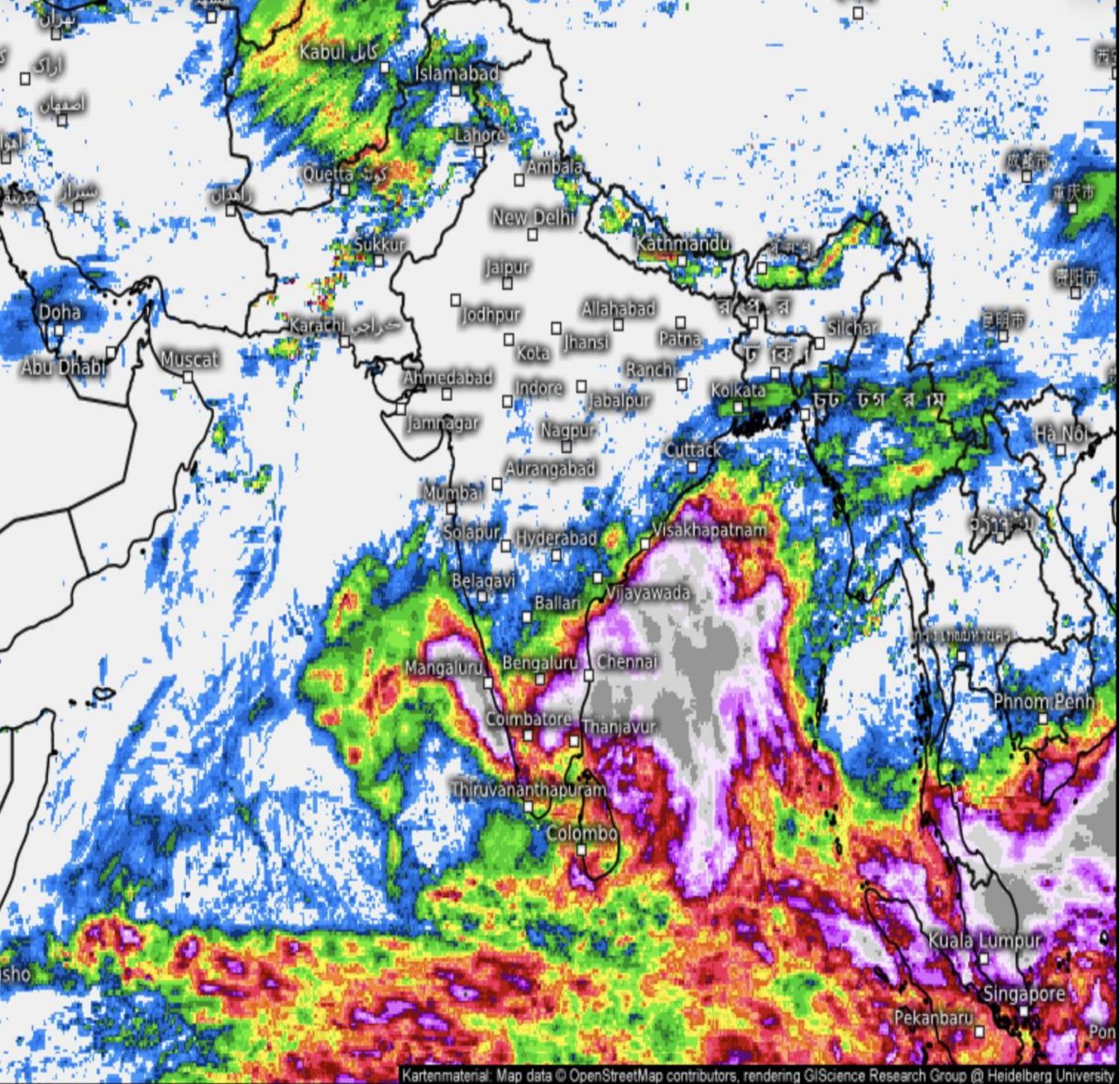
Thu 12/05/2024, 05:30am IST

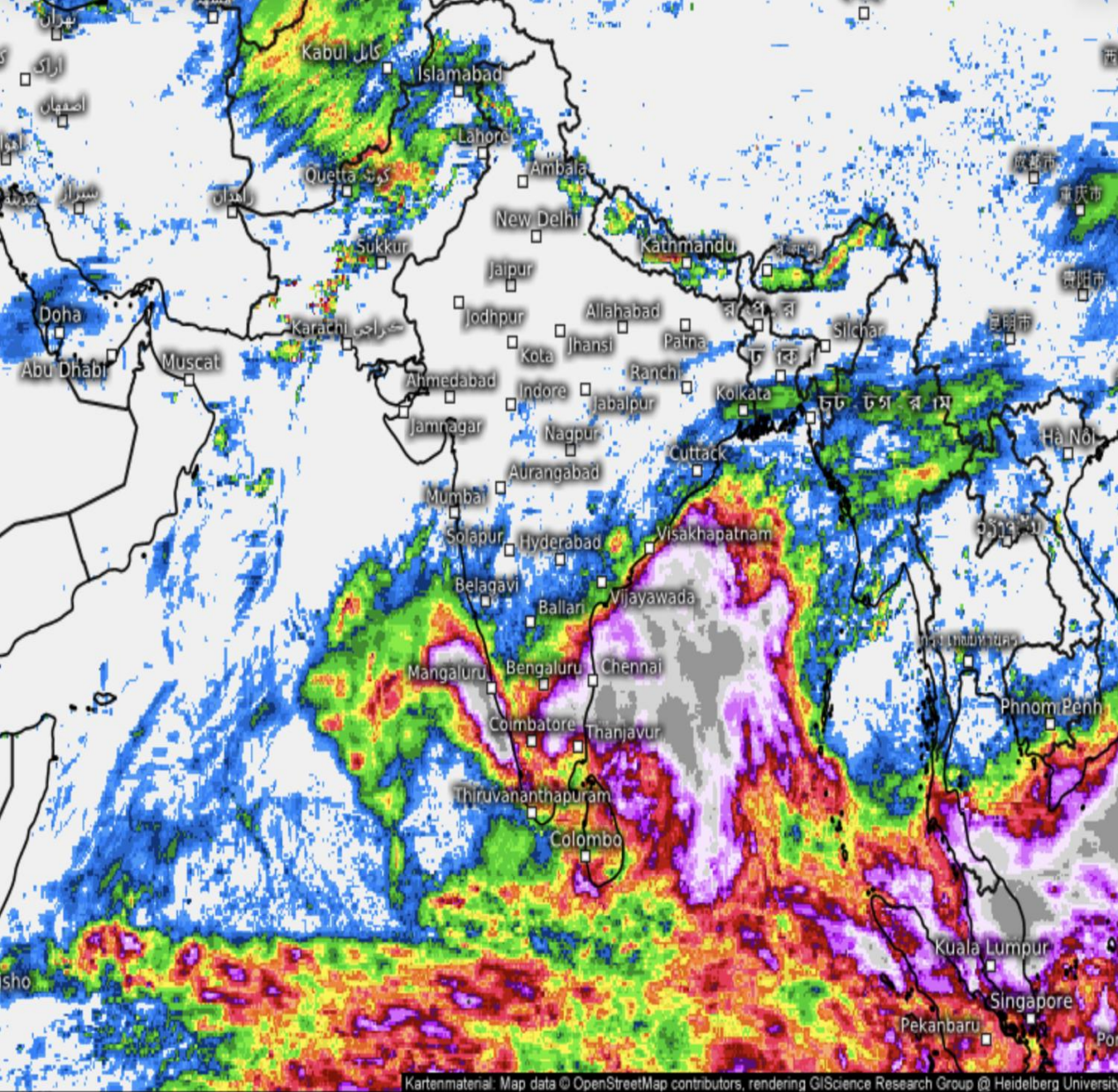


Accumulated total precipitation (mm) ⓘ

From Thu 11/28/2024, 05:30am IST
to Thu 12/05/2024, 05:30am IST

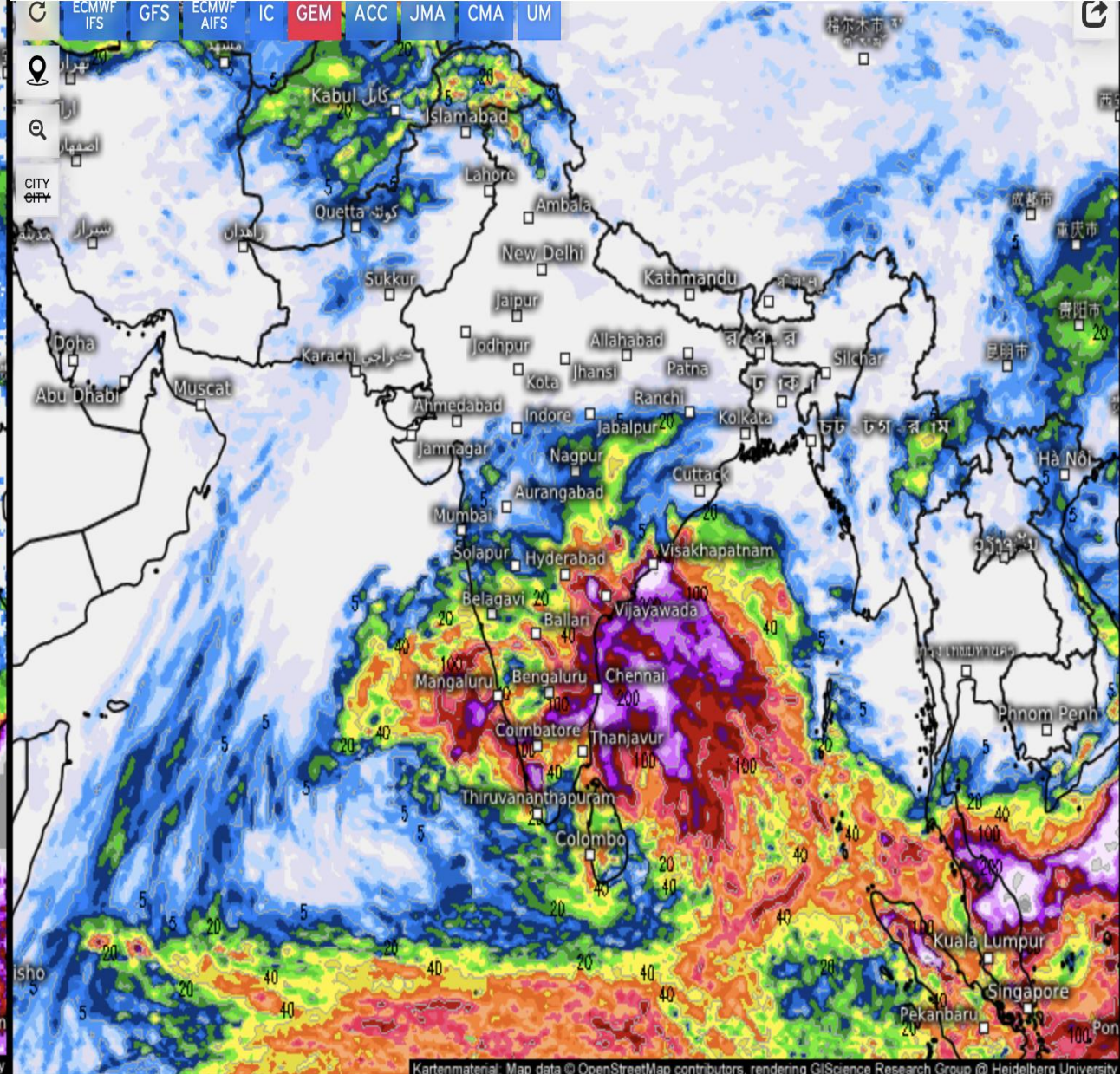
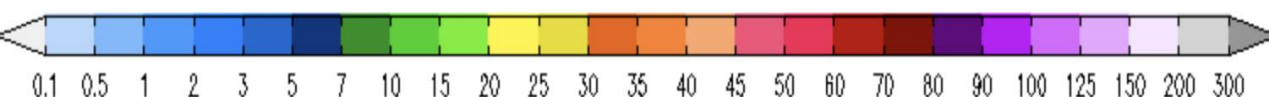






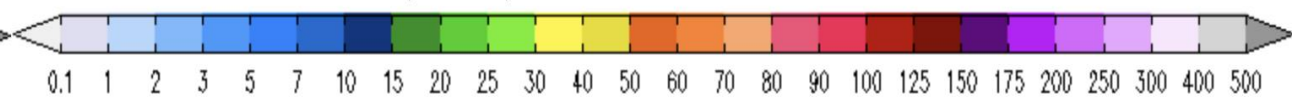
Accumulated Precipitation, 7 days (Satellite) (mm) ⓘ

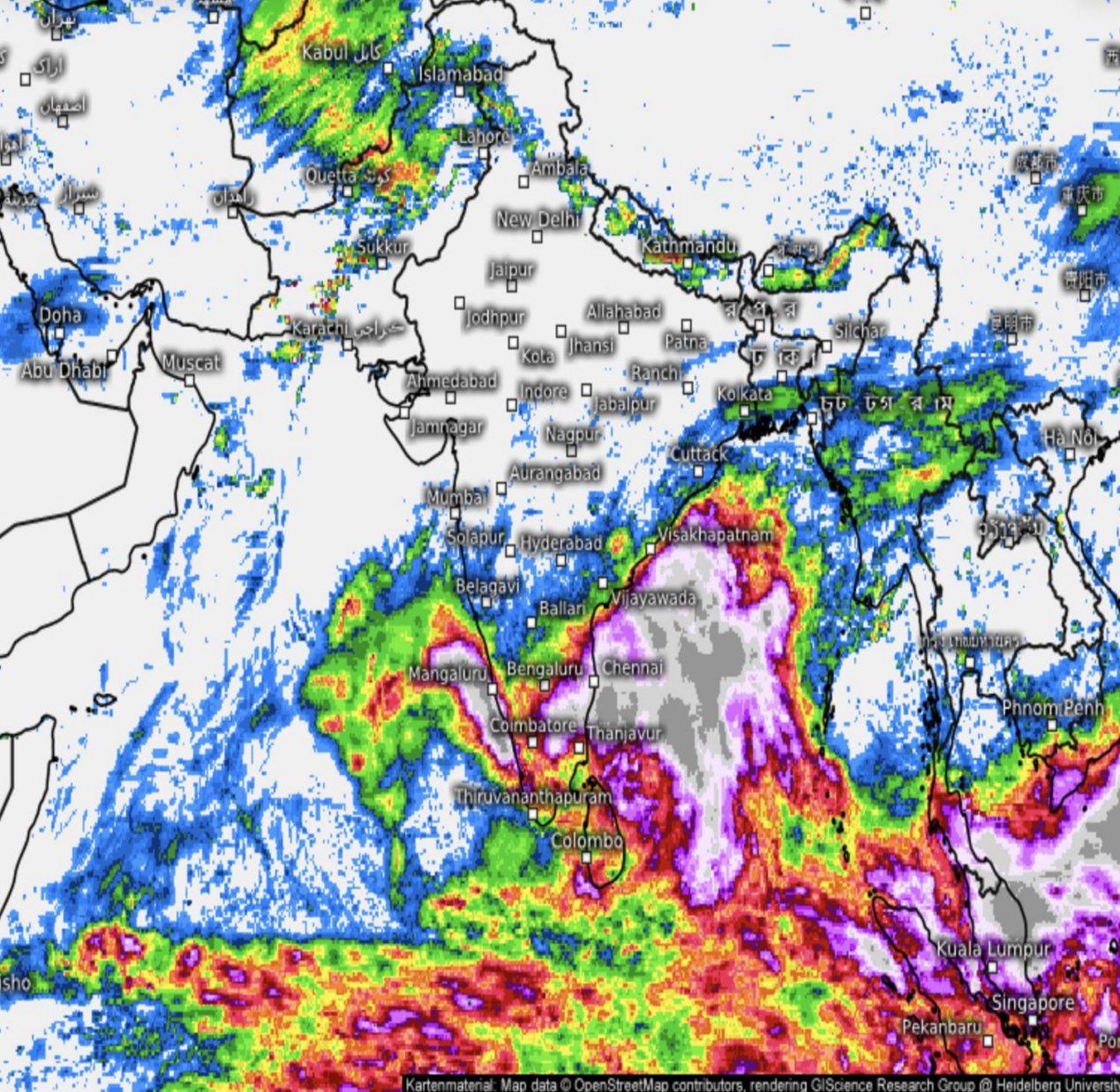
Thu 12/05/2024, 05:30am IST



Accumulated total precipitation (mm) ⓘ

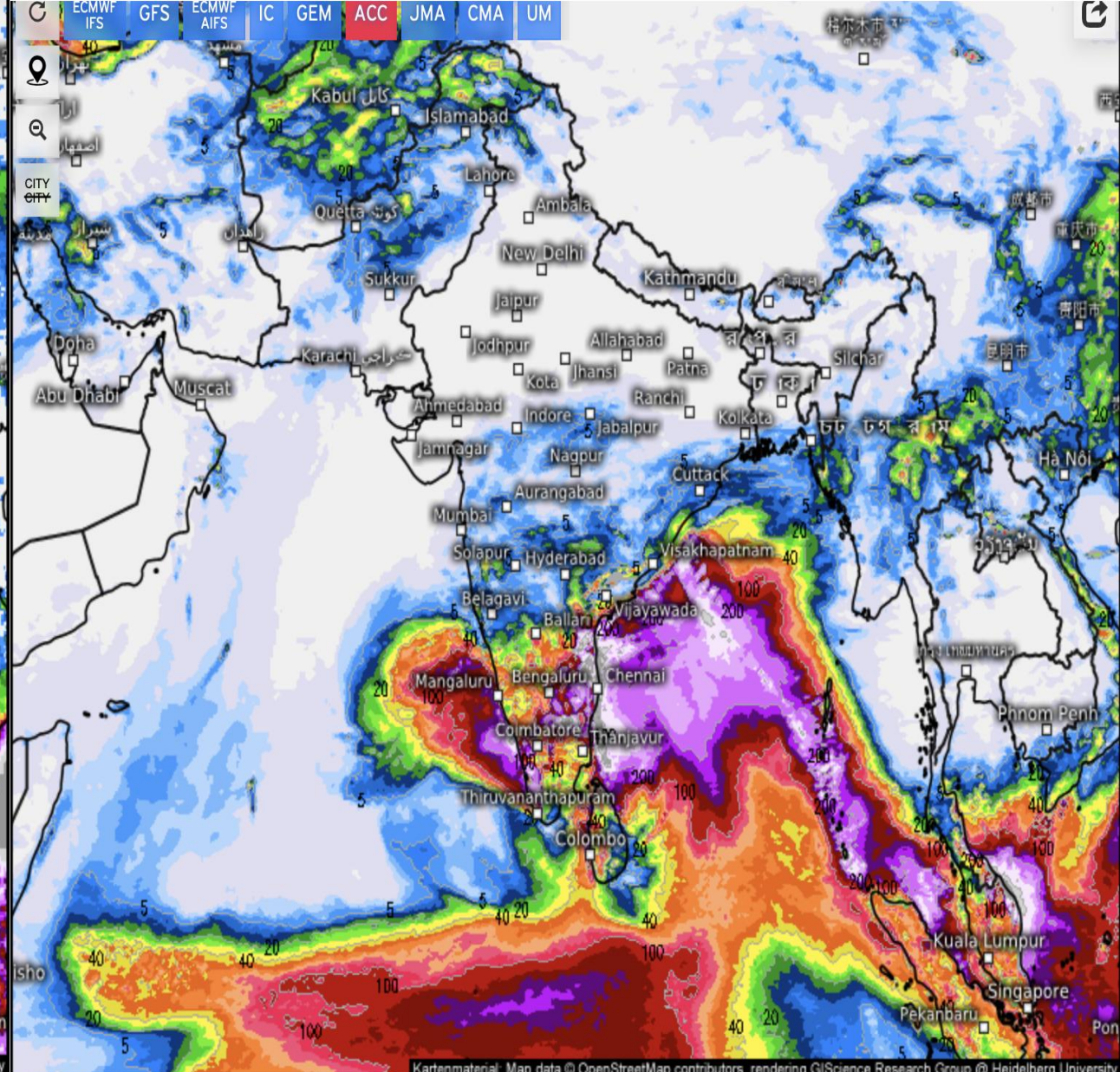
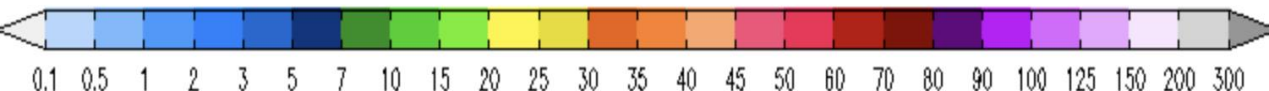
From Thu 11/28/2024, 05:30am IST
to Thu 12/05/2024, 05:30am IST





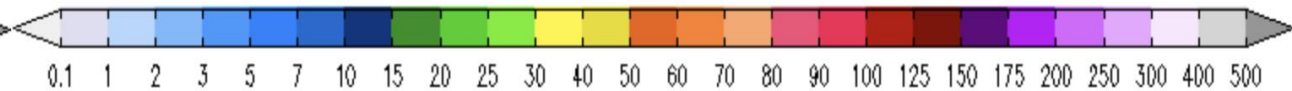
Accumulated Precipitation, 7 days (Satellite) (mm) ⓘ

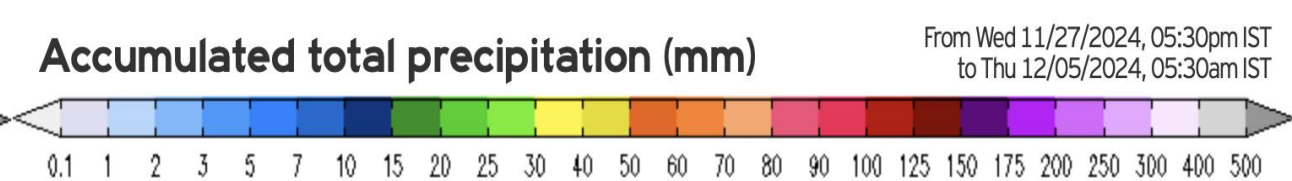
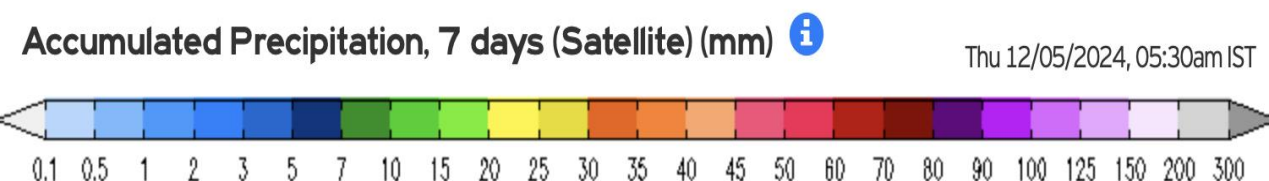
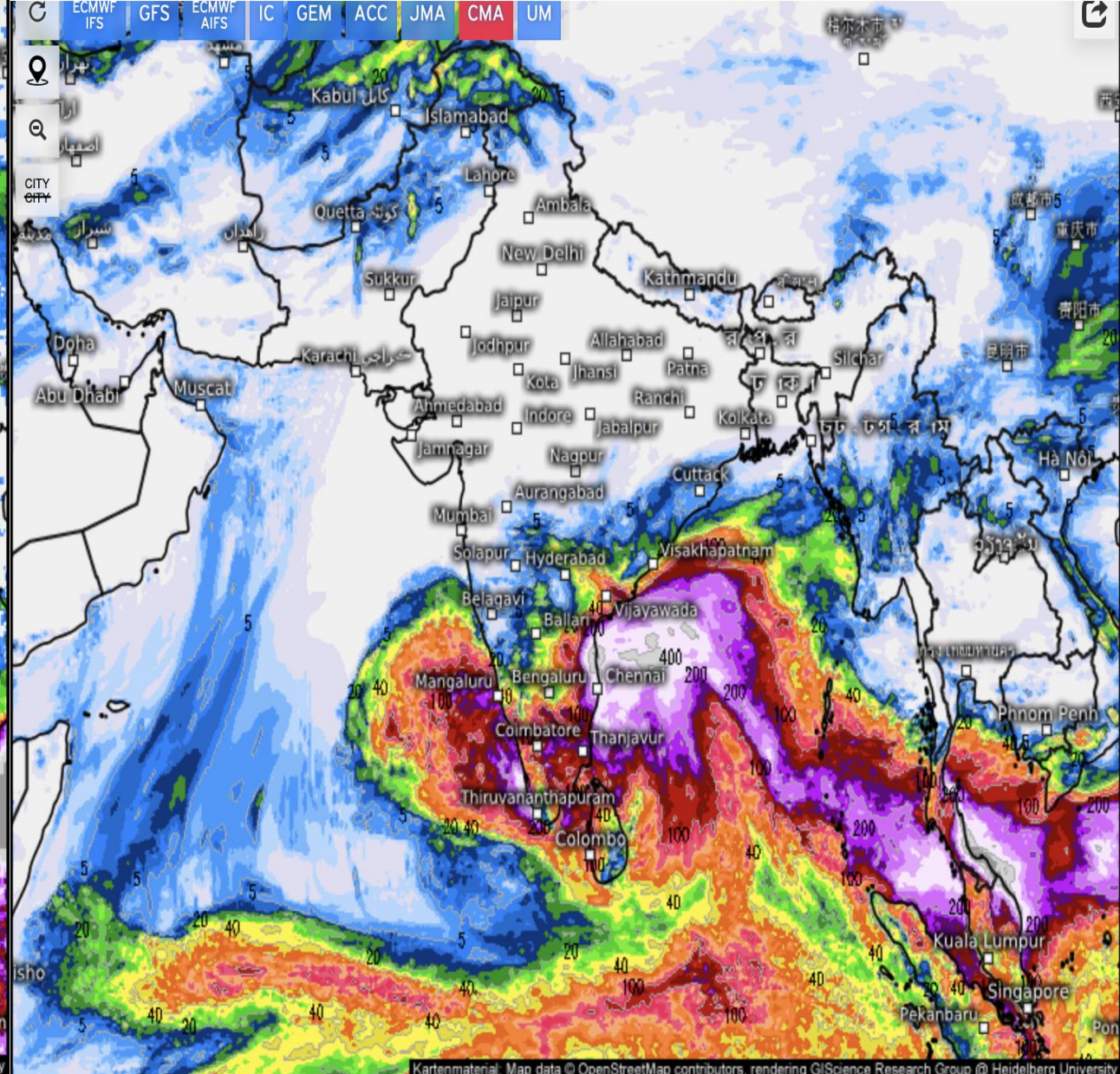
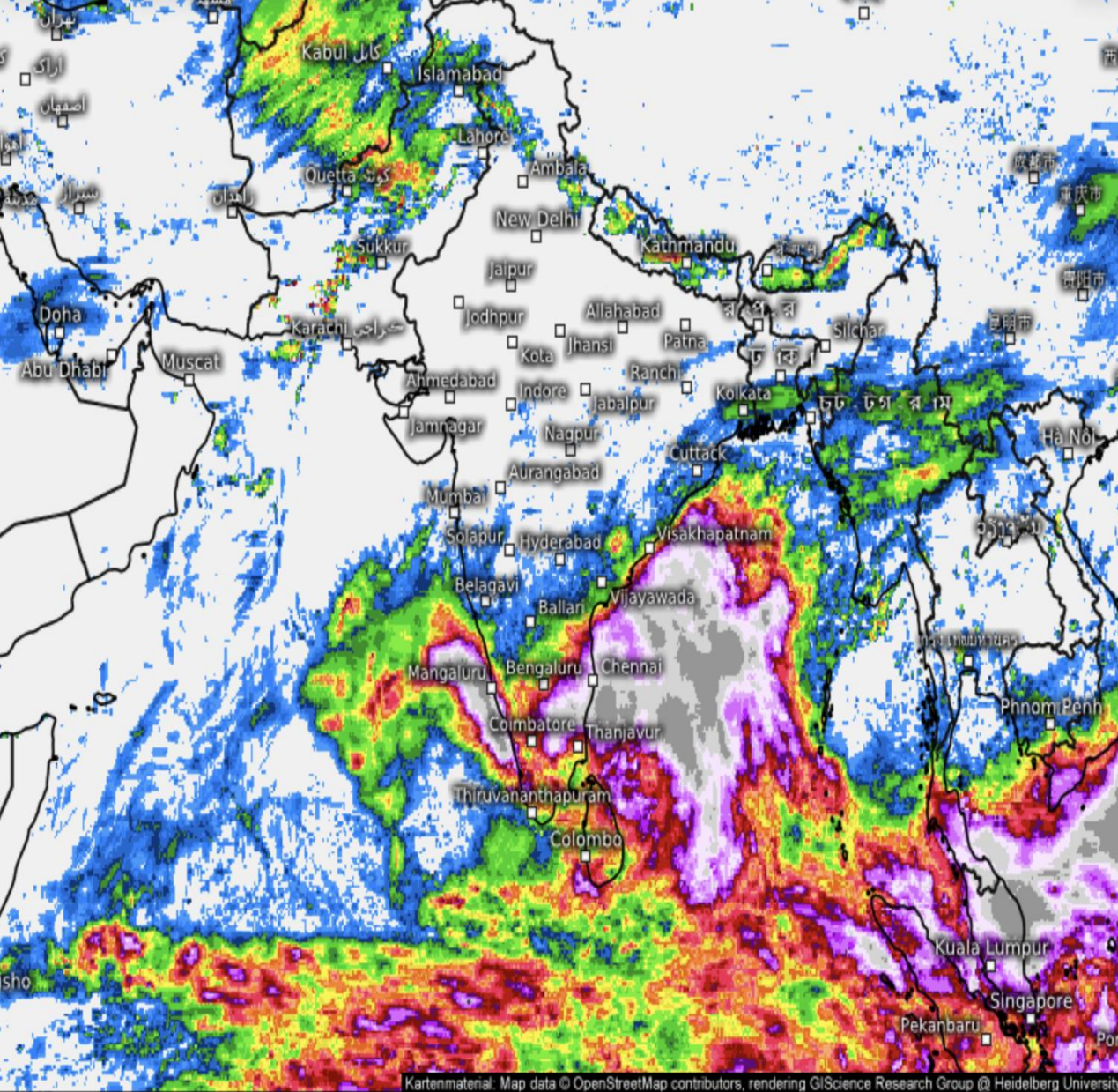
Thu 12/05/2024, 05:30am IST

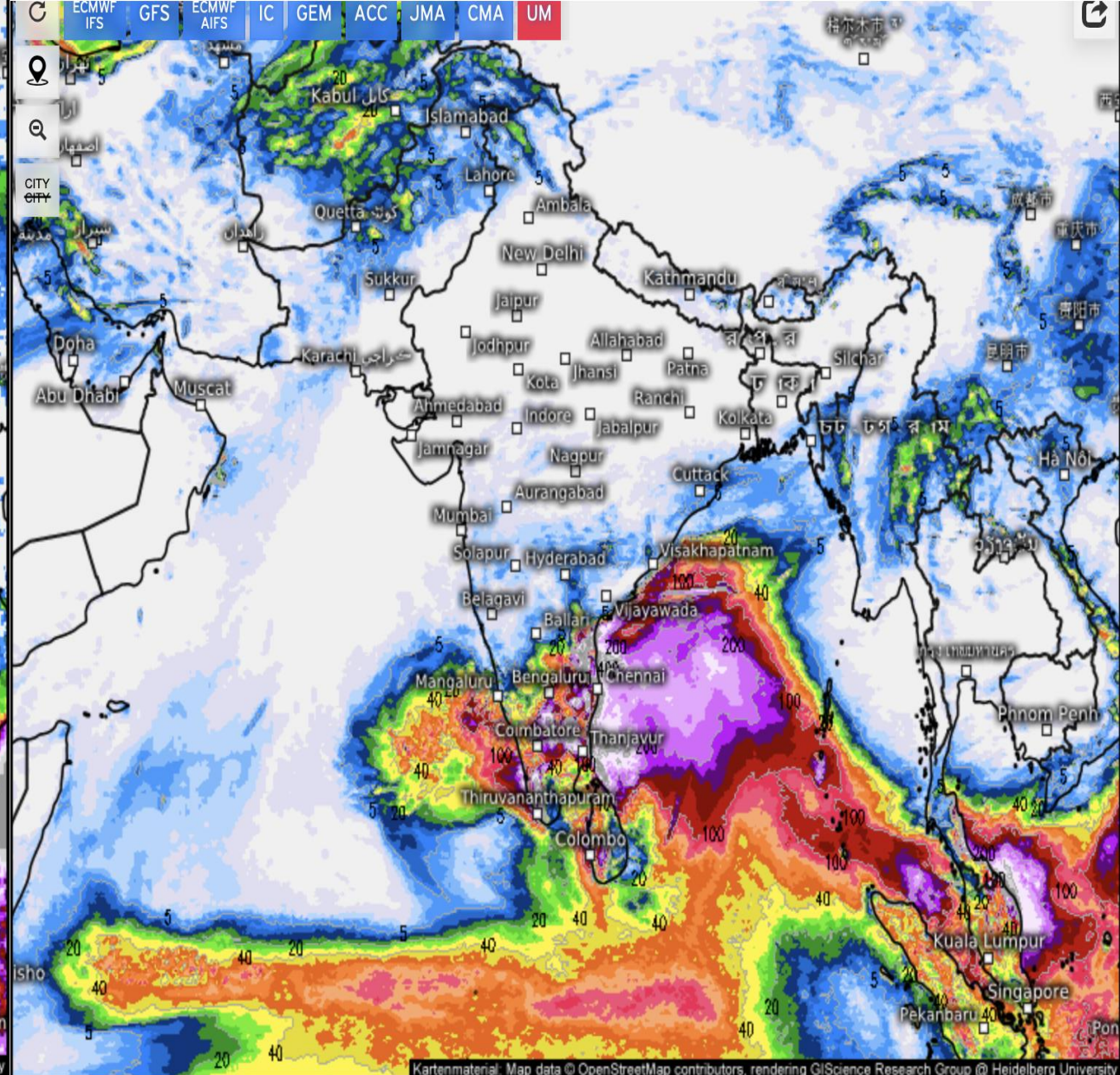
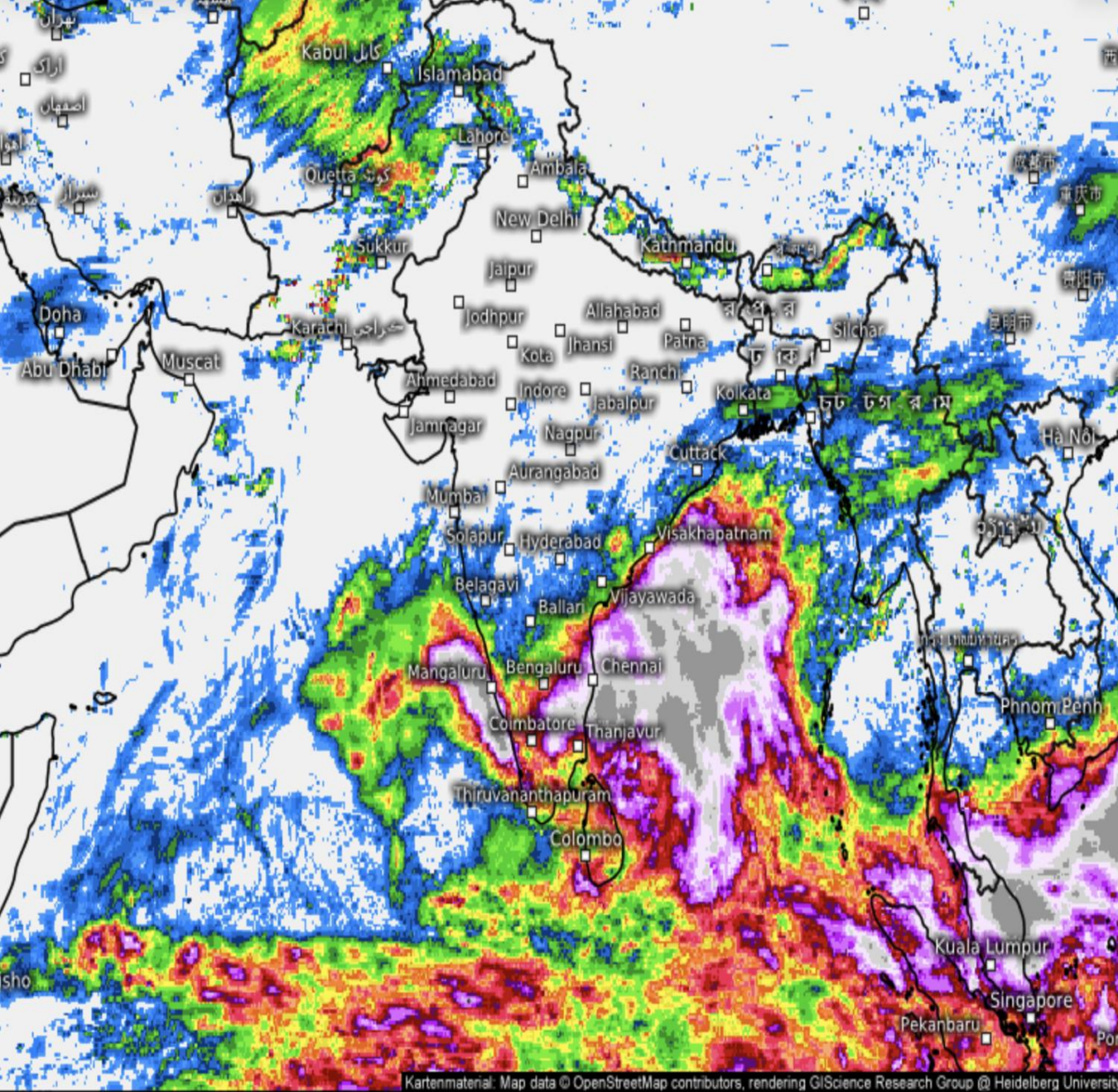


Accumulated total precipitation (mm) ⓘ

From Wed 11/27/2024, 05:30pm IST
to Thu 12/05/2024, 05:30am IST





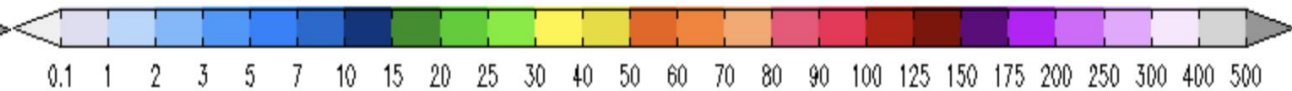
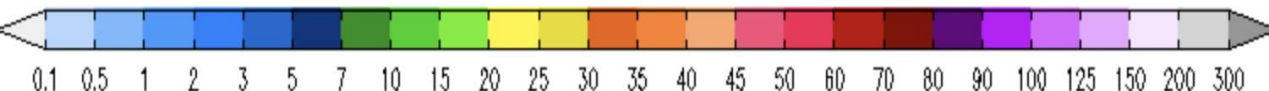


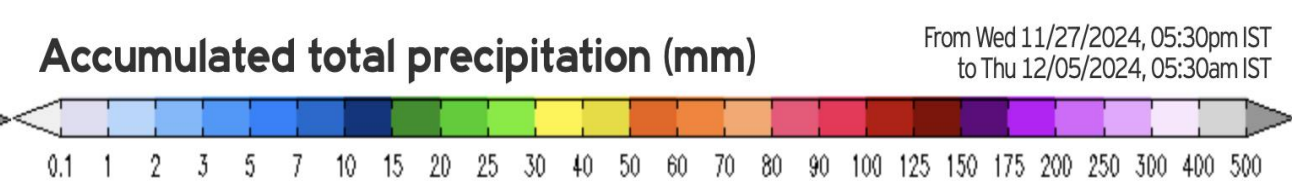
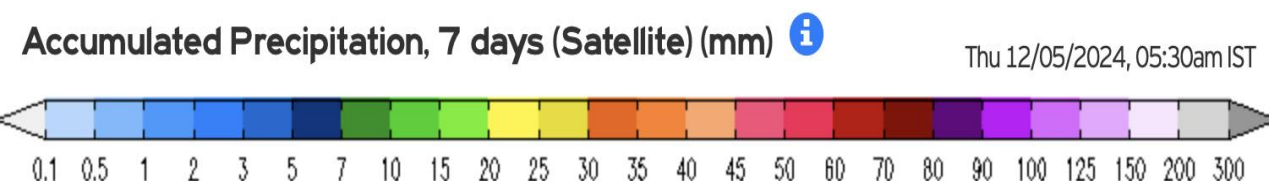
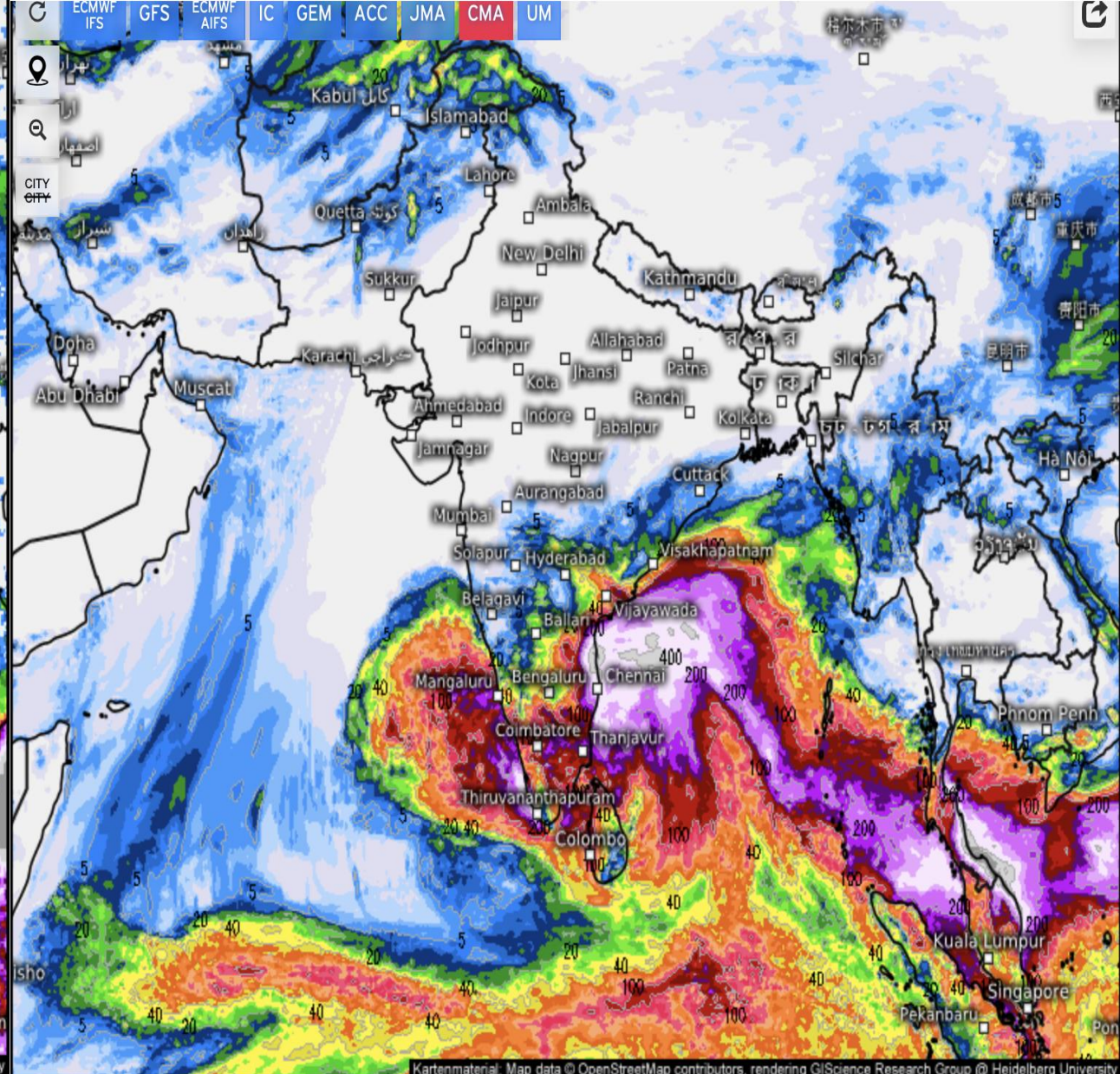
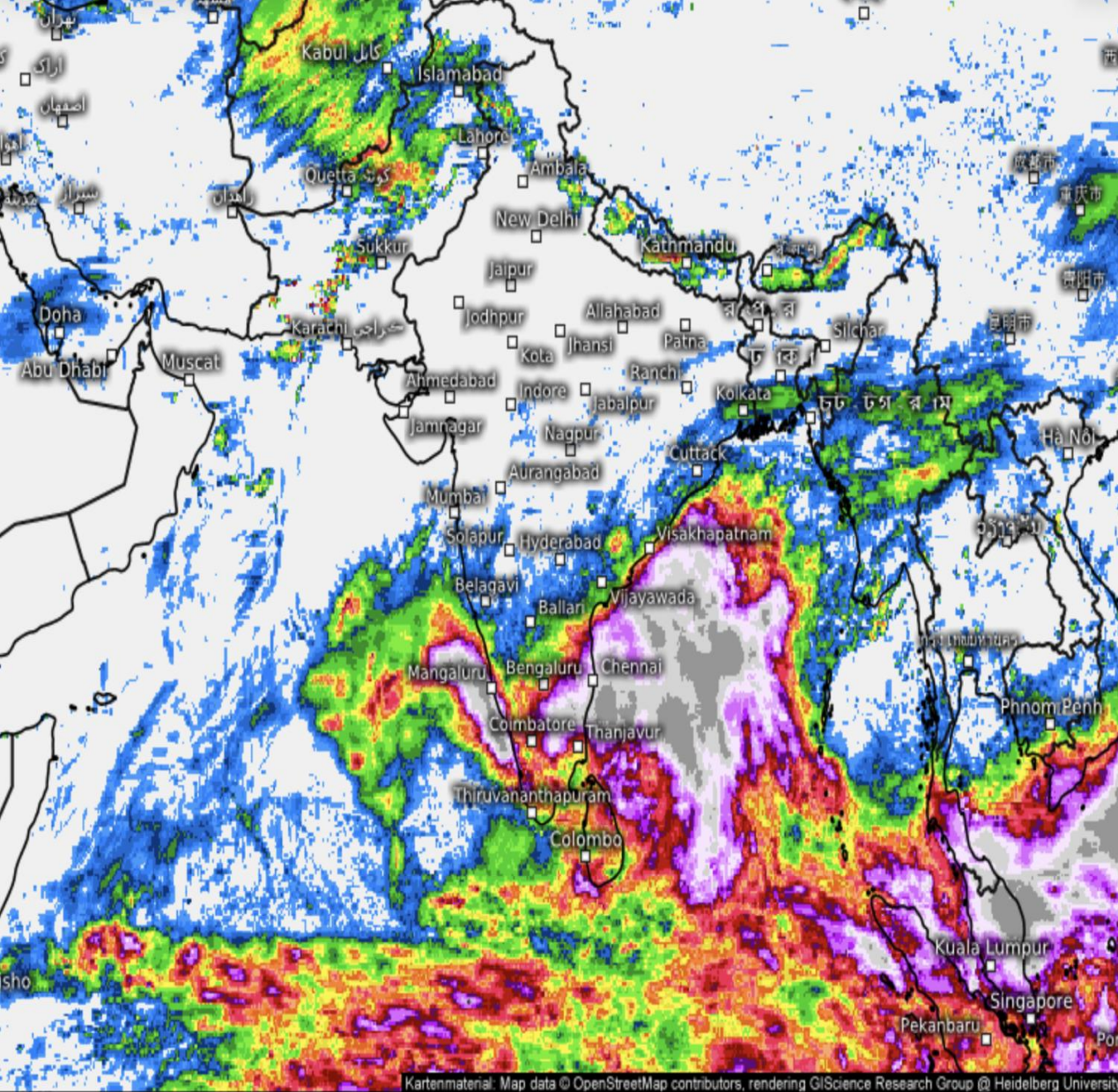
Accumulated Precipitation, 7 days (Satellite) (mm)

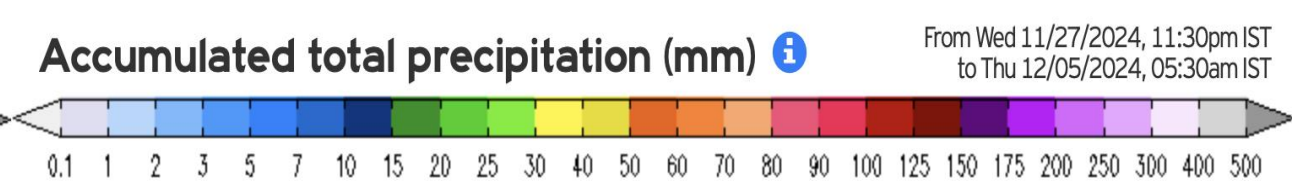
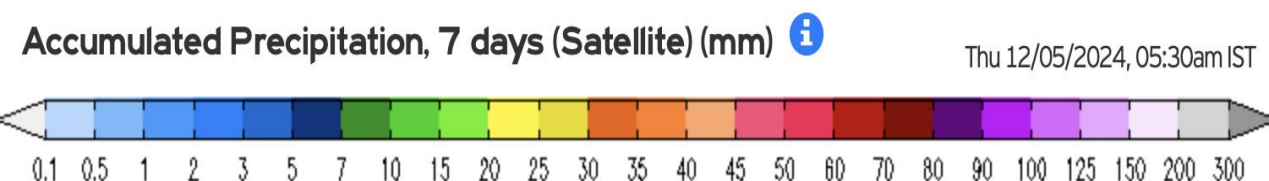
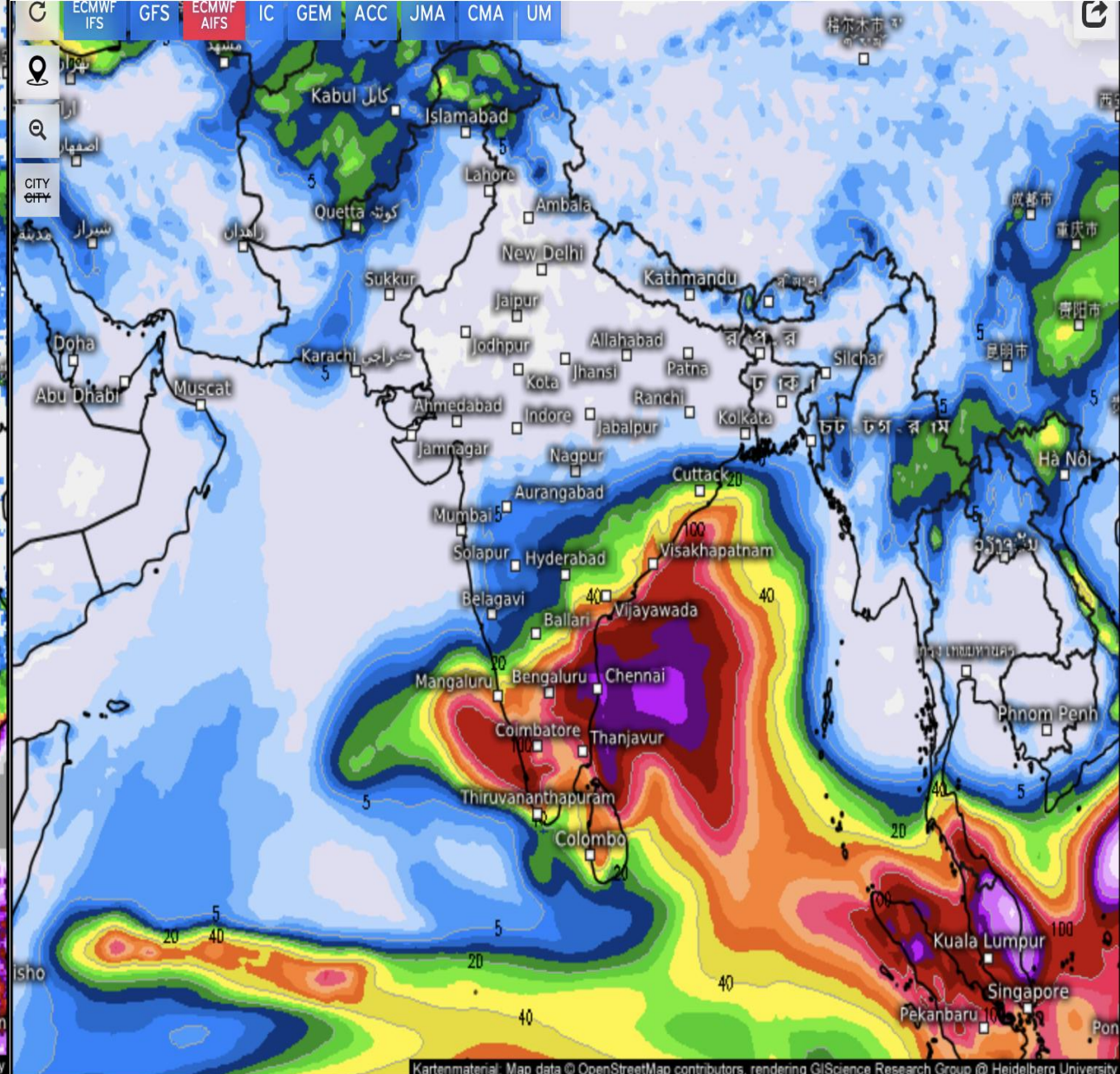
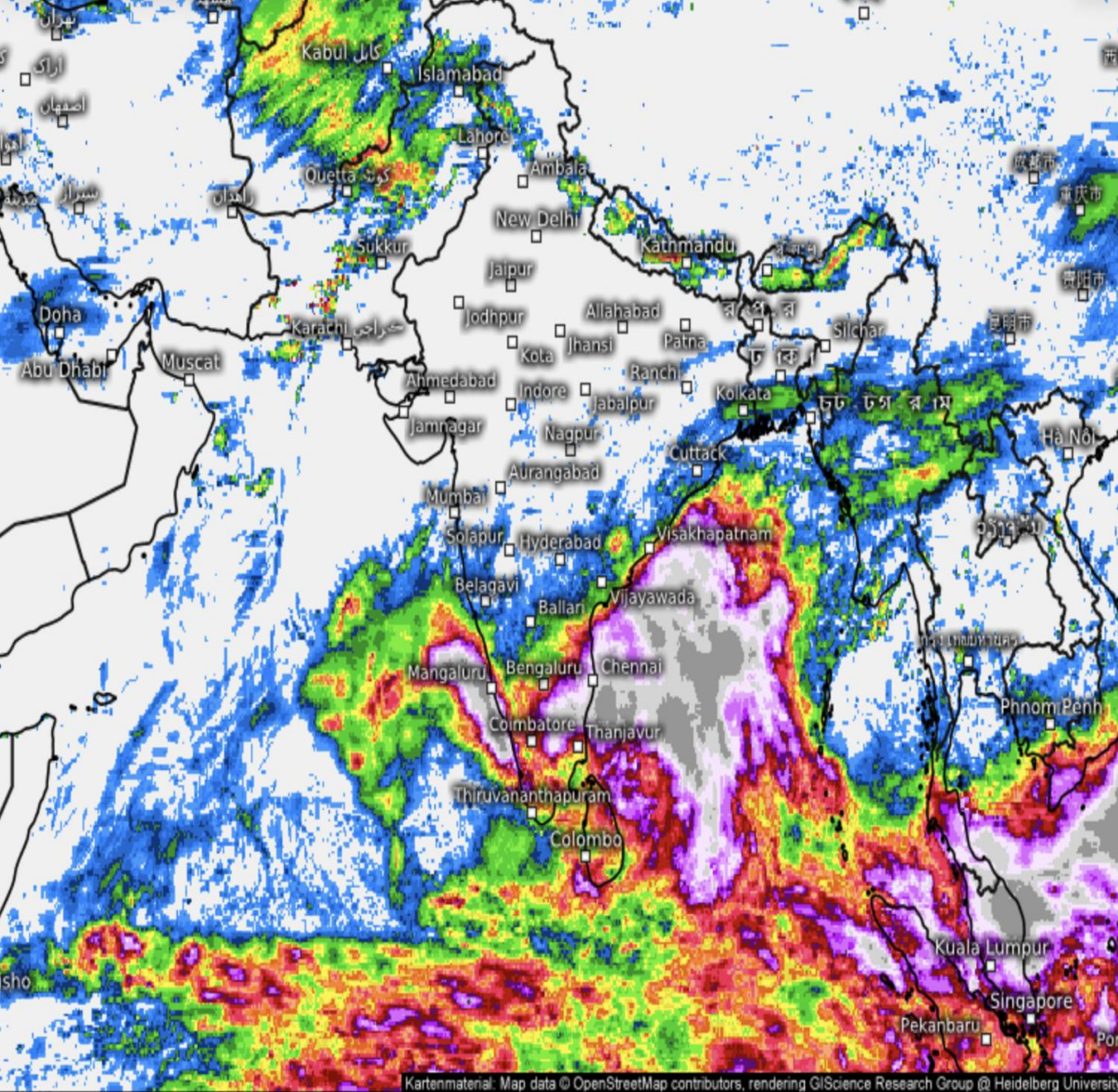
Thu 12/05/2024, 05:30am IST

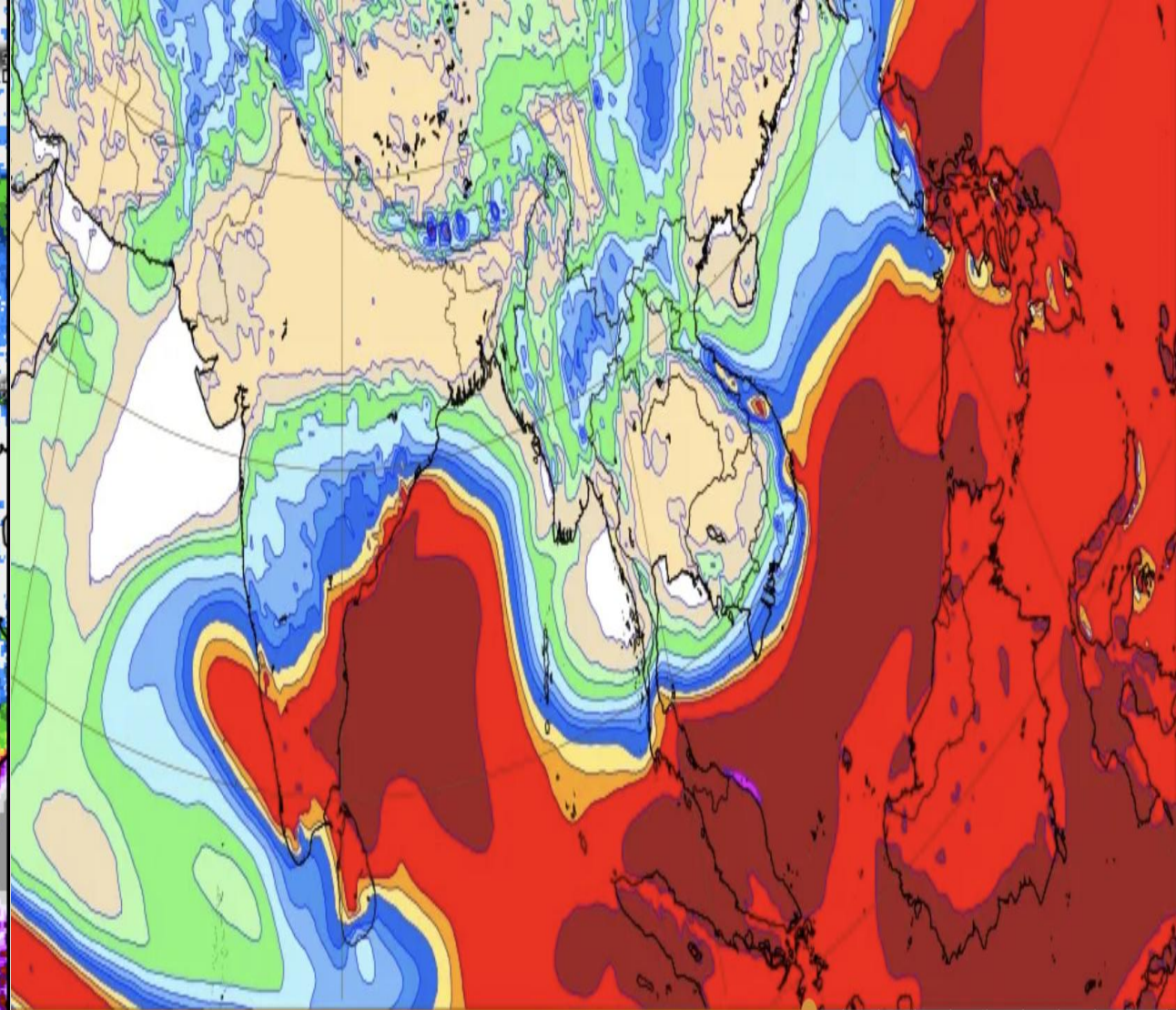
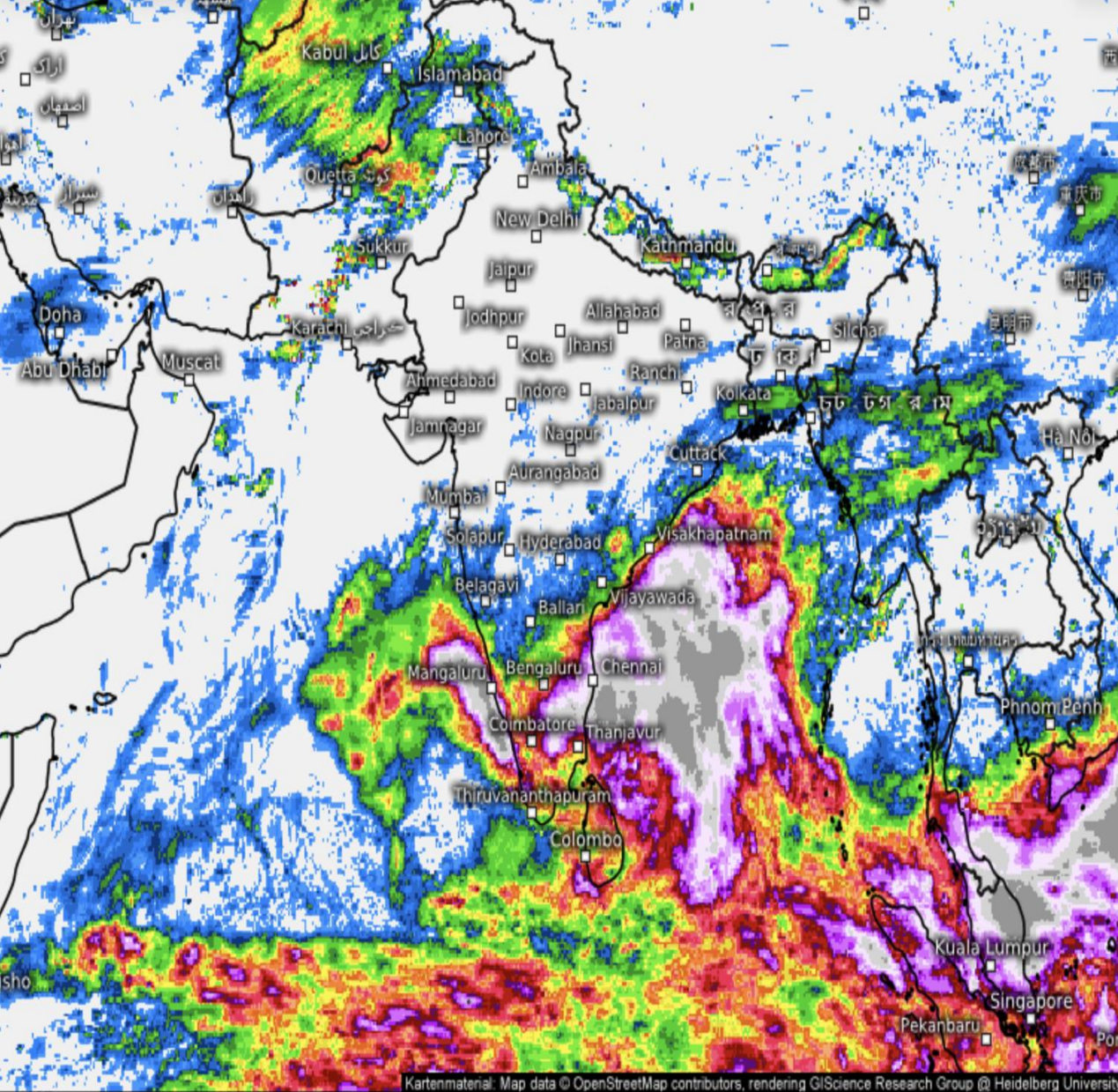
Accumulated total precipitation (mm)

From Wed 11/27/2024, 05:30pm IST
to Thu 12/05/2024, 05:30am IST







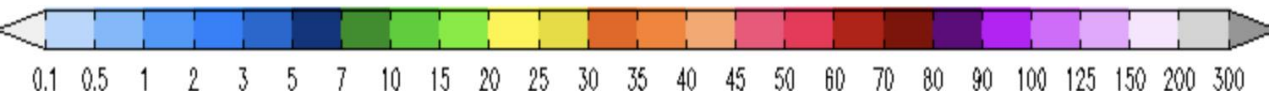


Thu 05 Dec 2024 00 UTC (T+180)

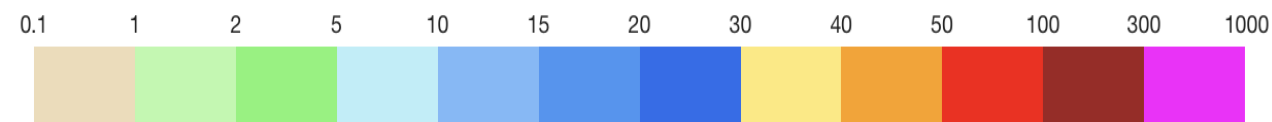


Accumulated Precipitation, 7 days (Satellite) (mm)

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

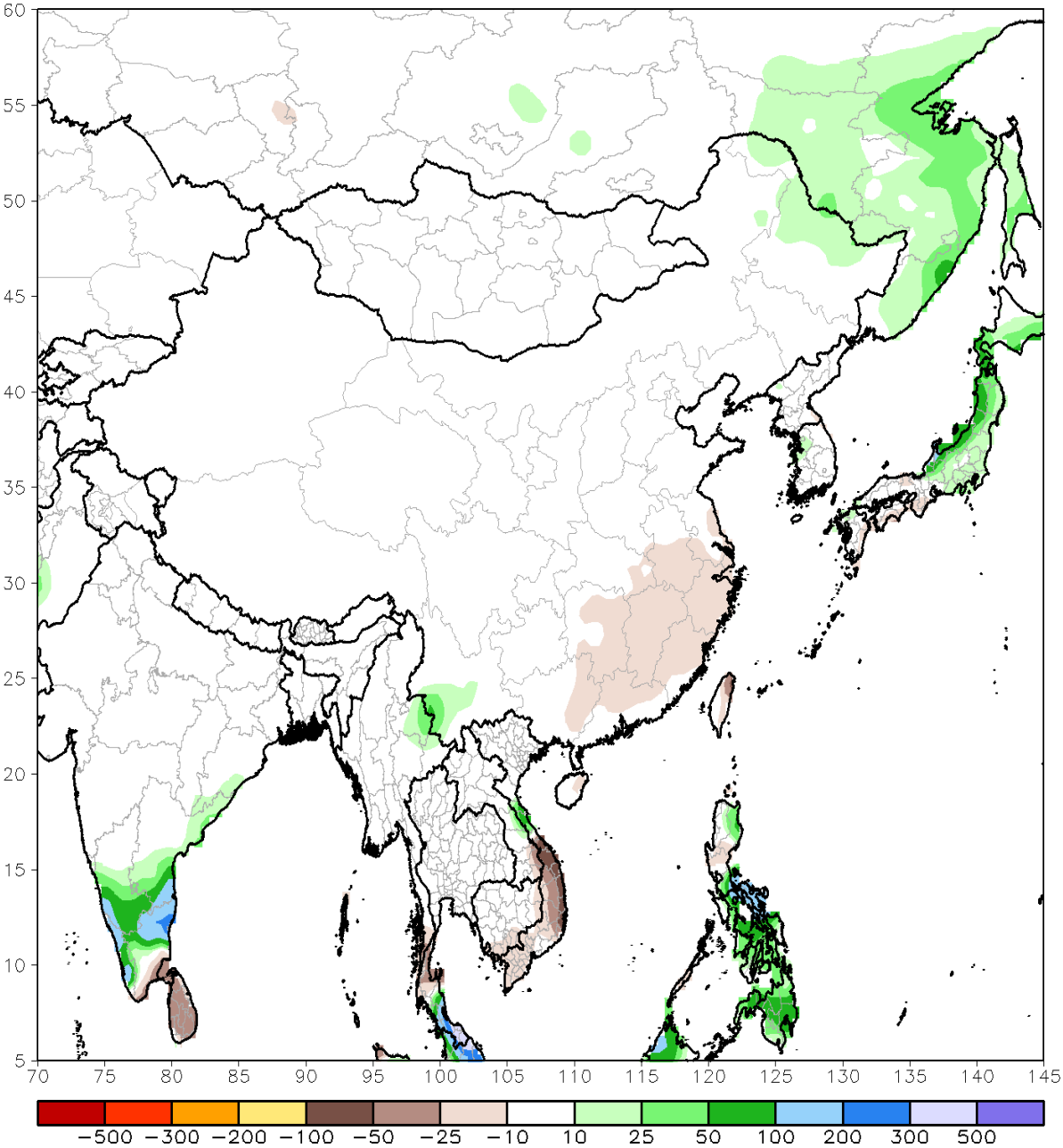


Experimental: GraphCast (Google Deepmind) ML model: Total accumulated precipitation (mm)



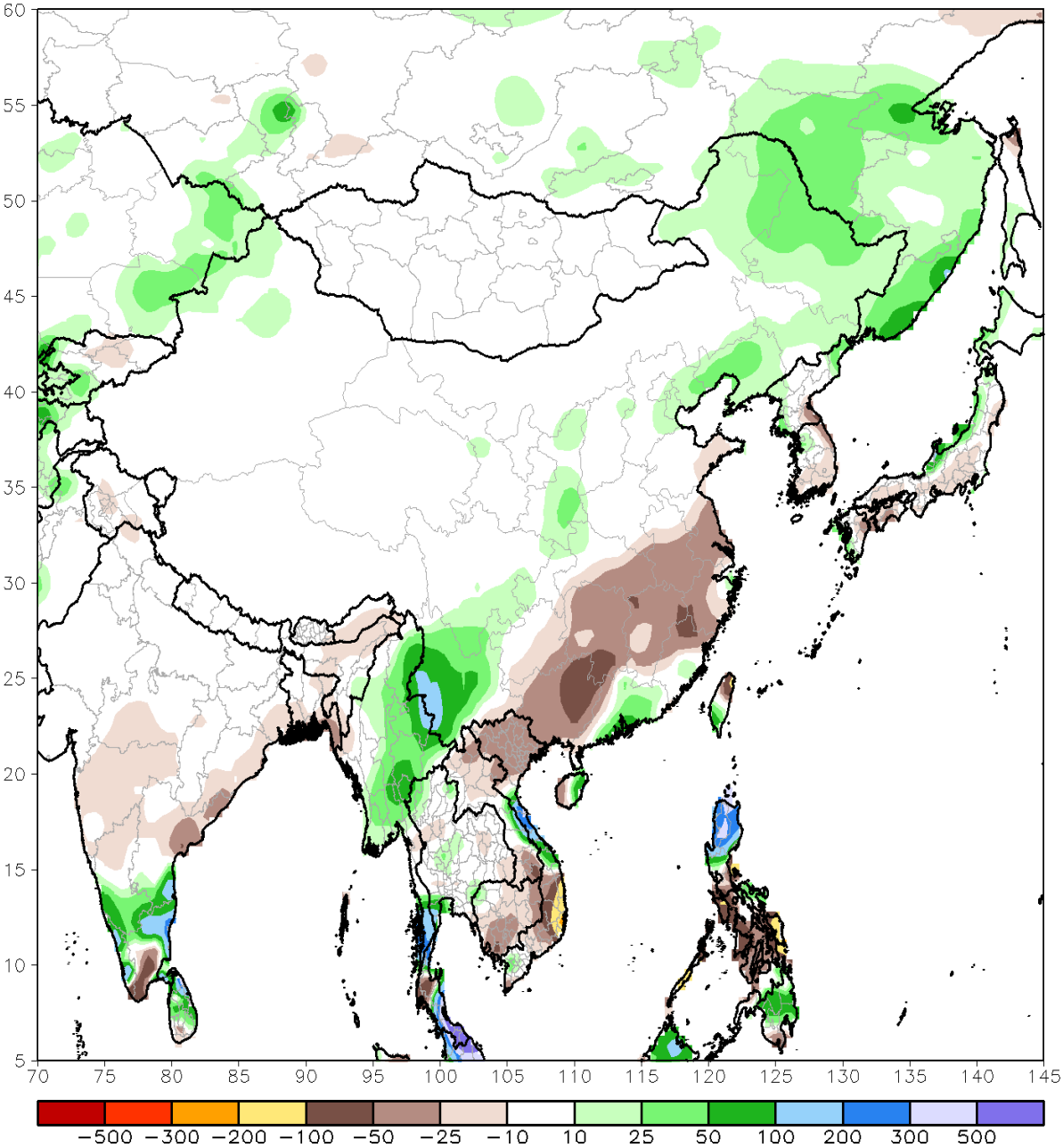
CPC Unified Gauge 7-Day Total Rainfall Anomaly (mm)

Period: 27Nov2024 - 03Dec2024

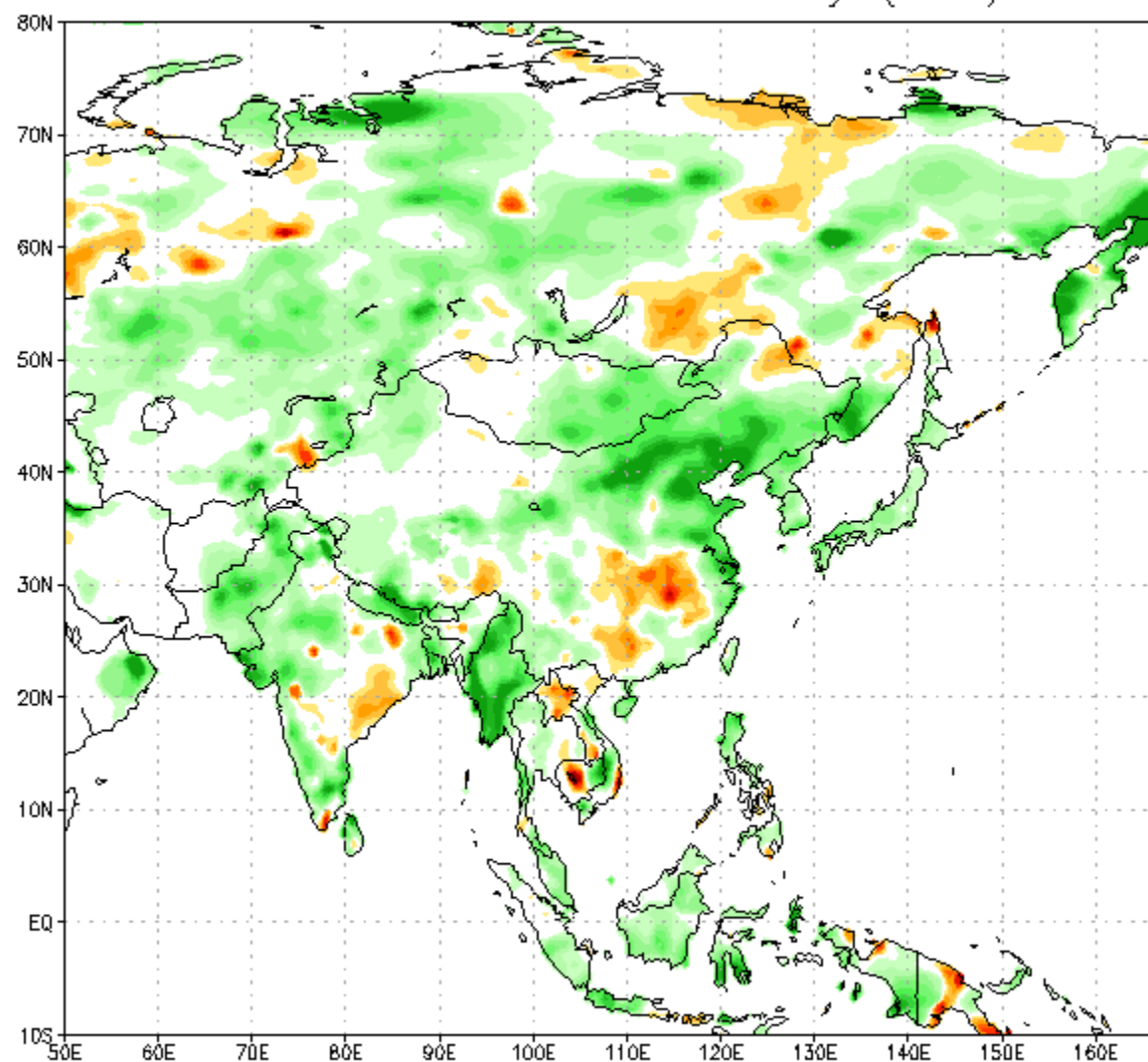


CPC Unified Gauge 30-Day Total Rainfall Anomaly (mm)

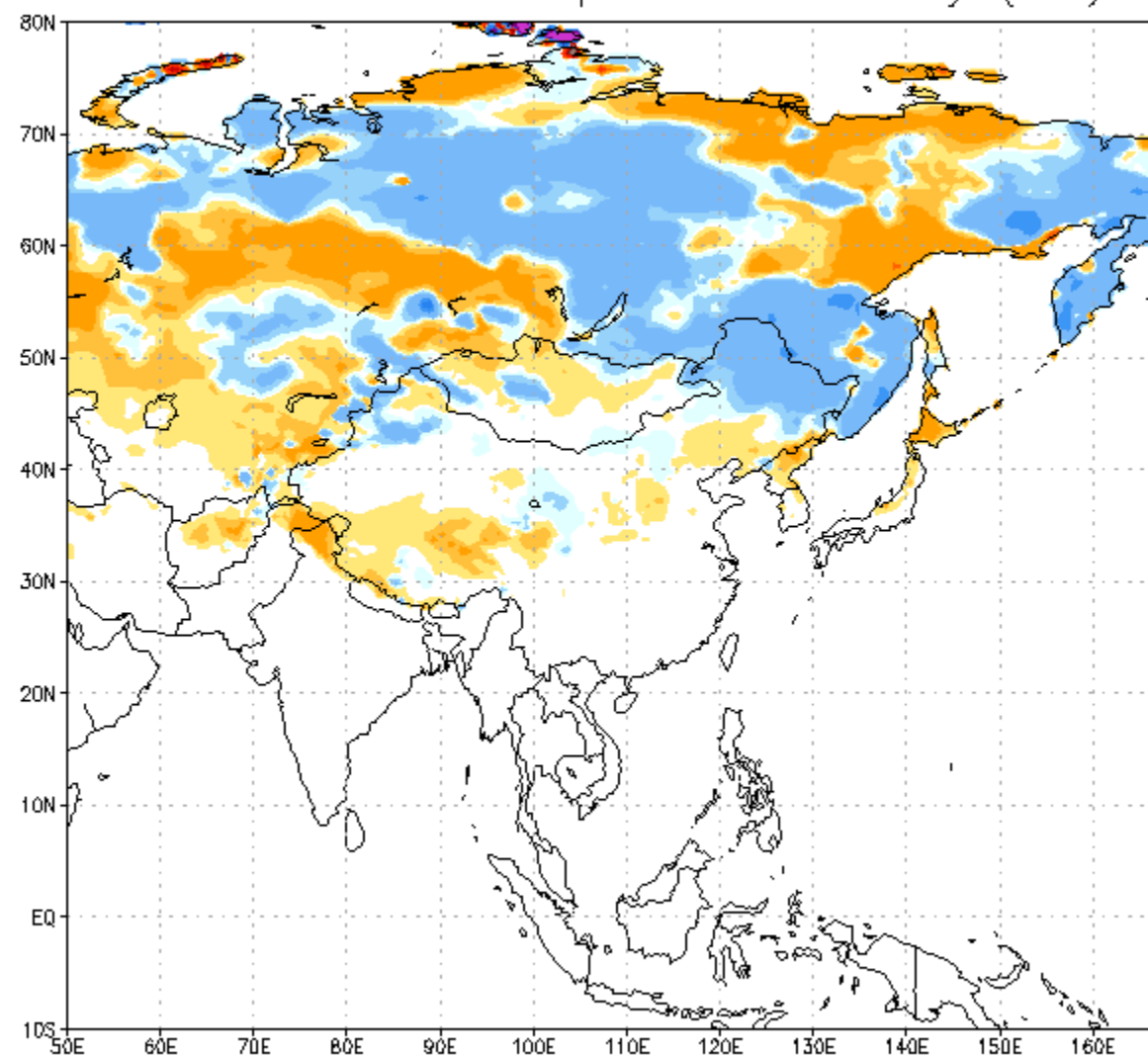
Period: 04Nov2024 - 03Dec2024



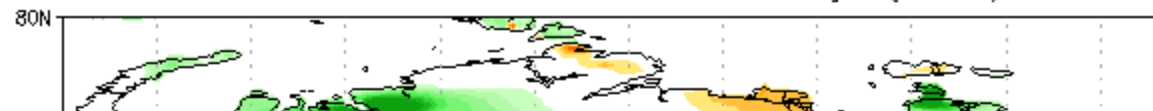
Calculated Soil Moisture Anomaly (mm) 2024



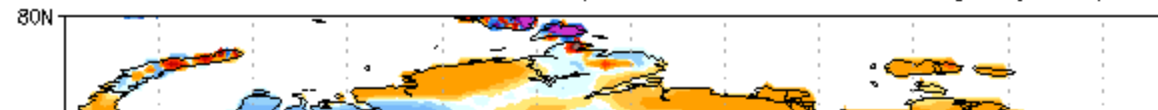
Calculated Snow Water Equivalent Anomaly (cm) 2024



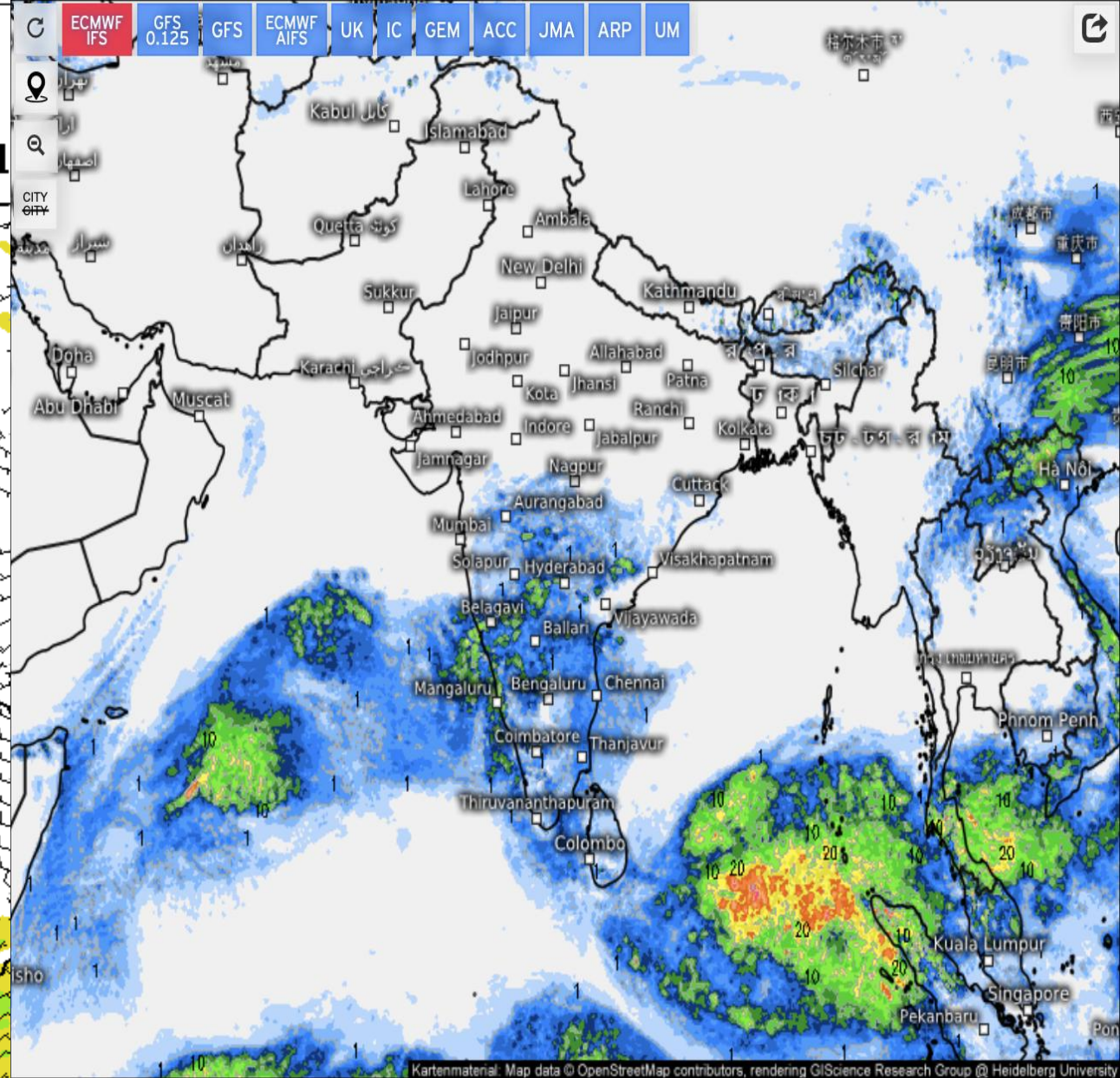
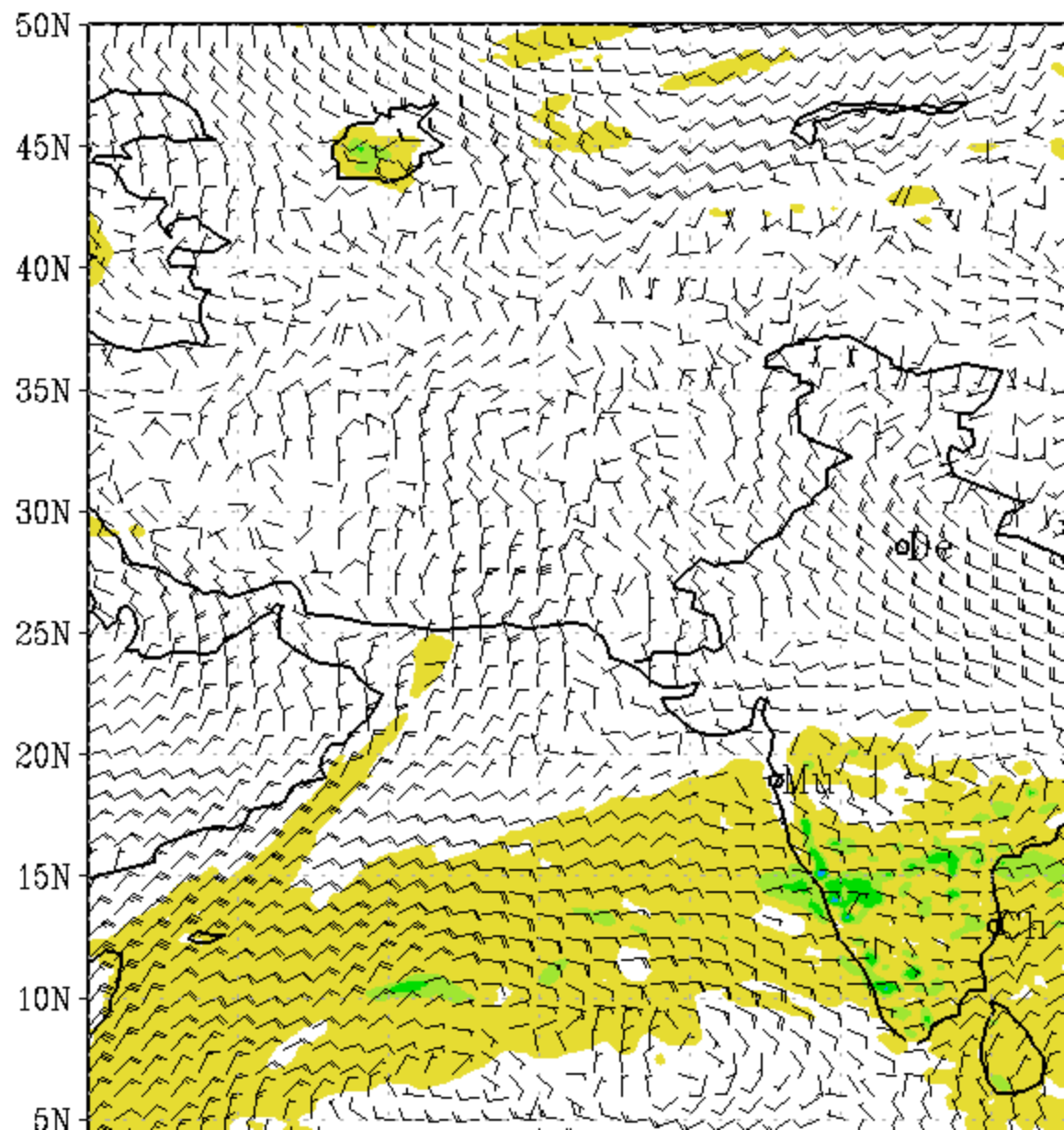
Calculated Soil Moisture Anomaly (mm) 2024



Calculated Snow Water Equivalent Anomaly (cm) 2024

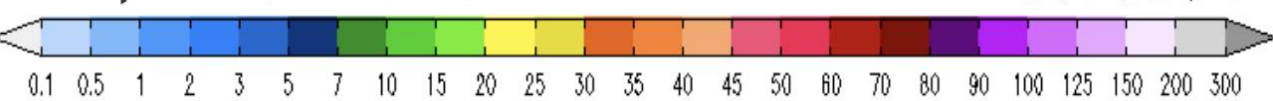


IMD :GFS MODEL(12 Km) 850 hPa WIND (kt)
based on 00 UTC of 05-12-2024 val

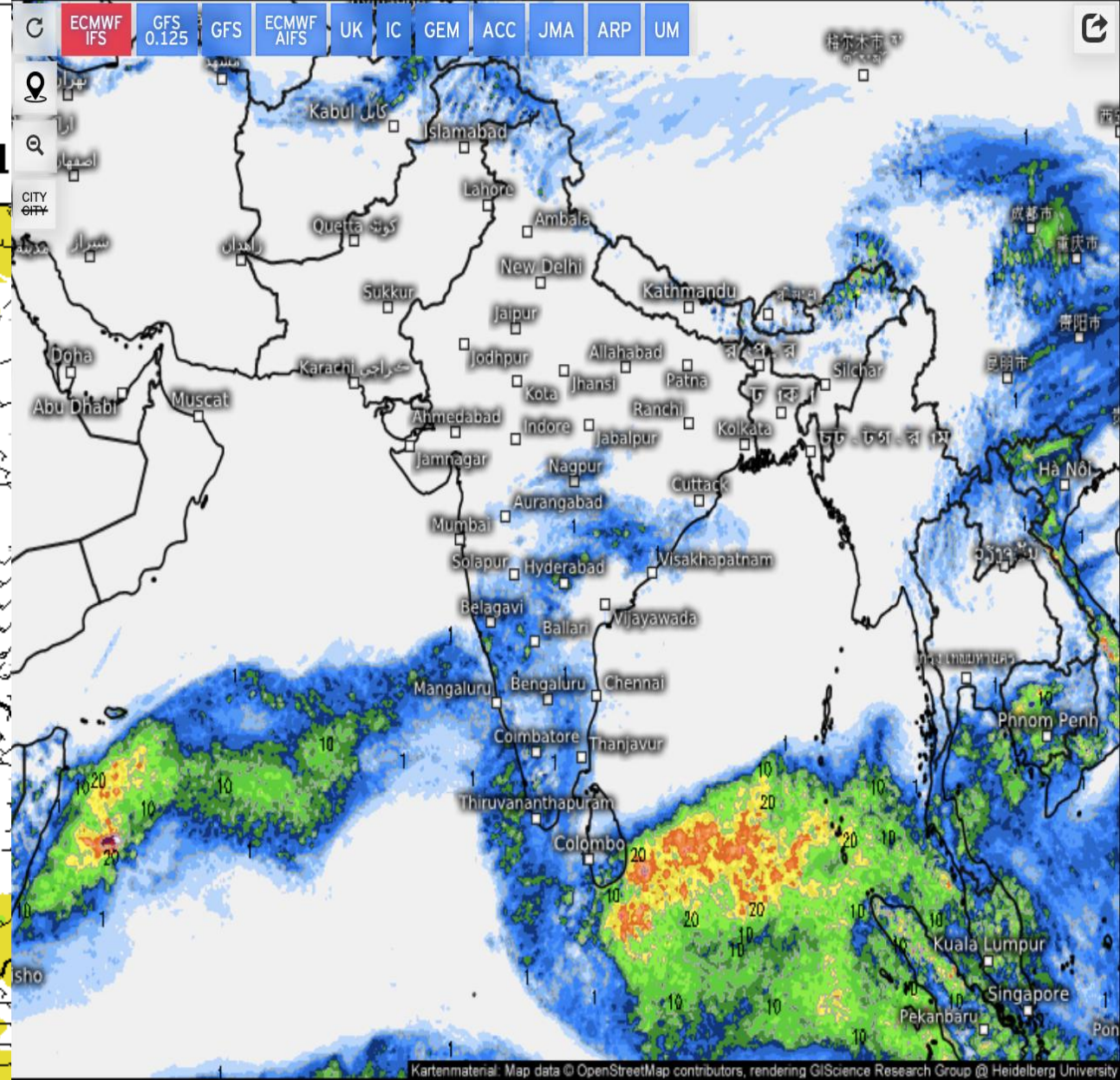
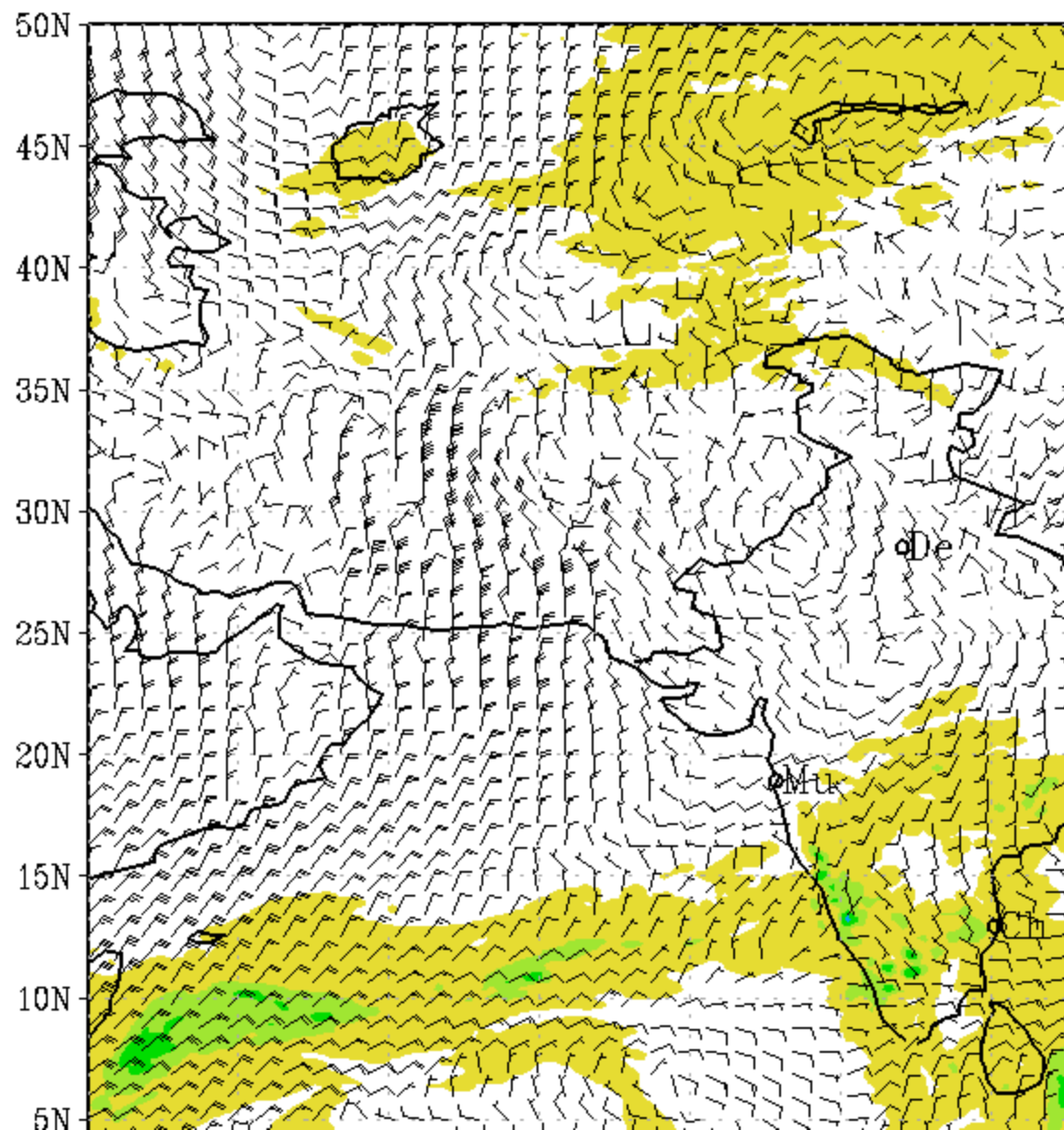


Precipitation, 24h (mm)

Valid for
Fri 12/06/2024, 05:30pm IST

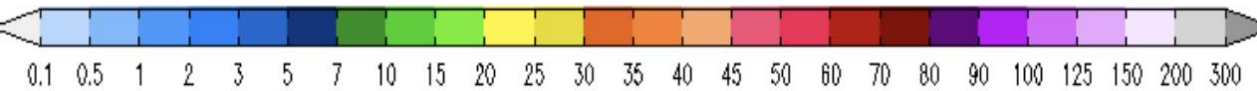


IMD :GFS MODEL(12 Km) 850 hPa WIND (kt)
based on 00 UTC of 05-12-2024 val

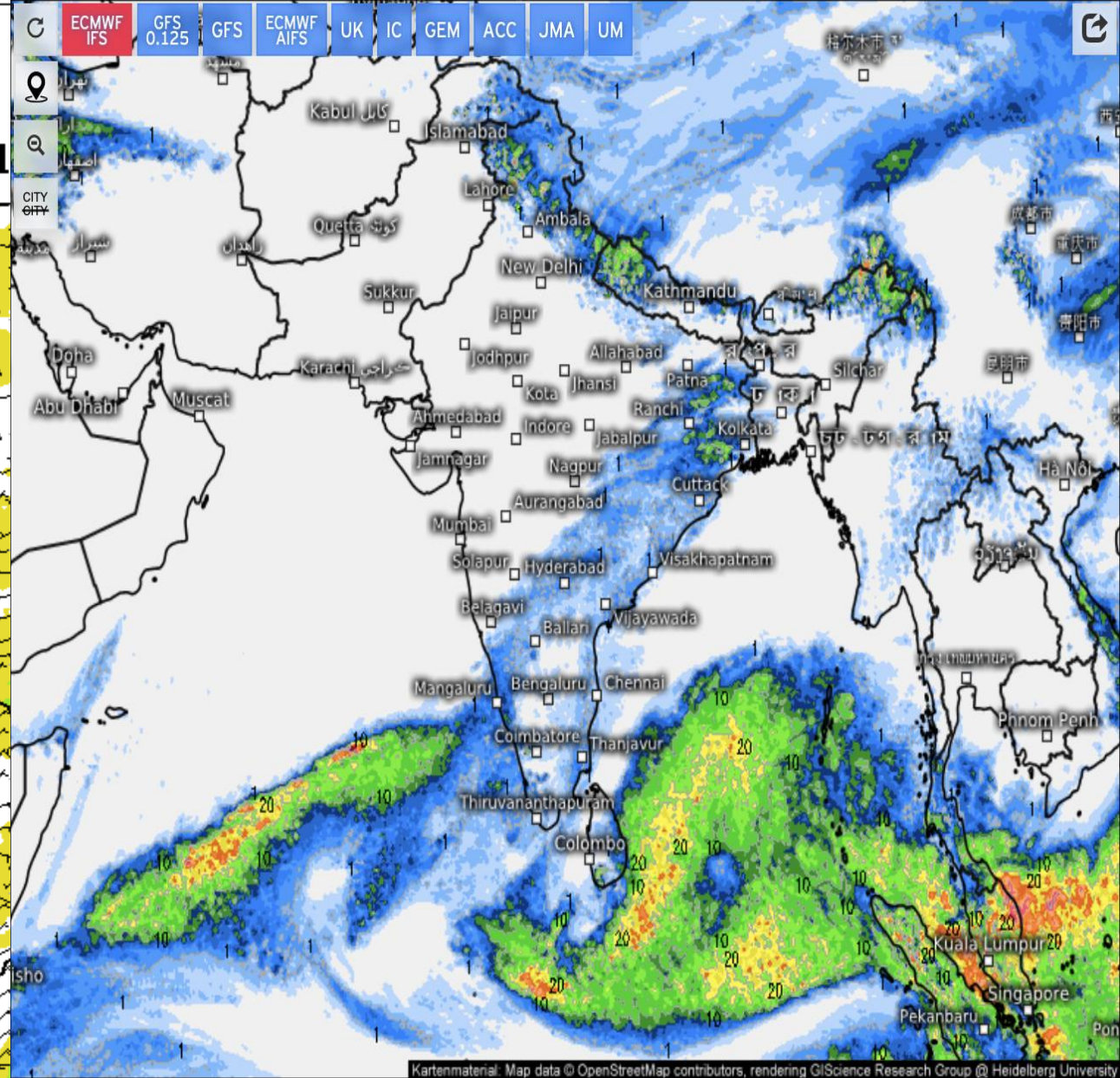
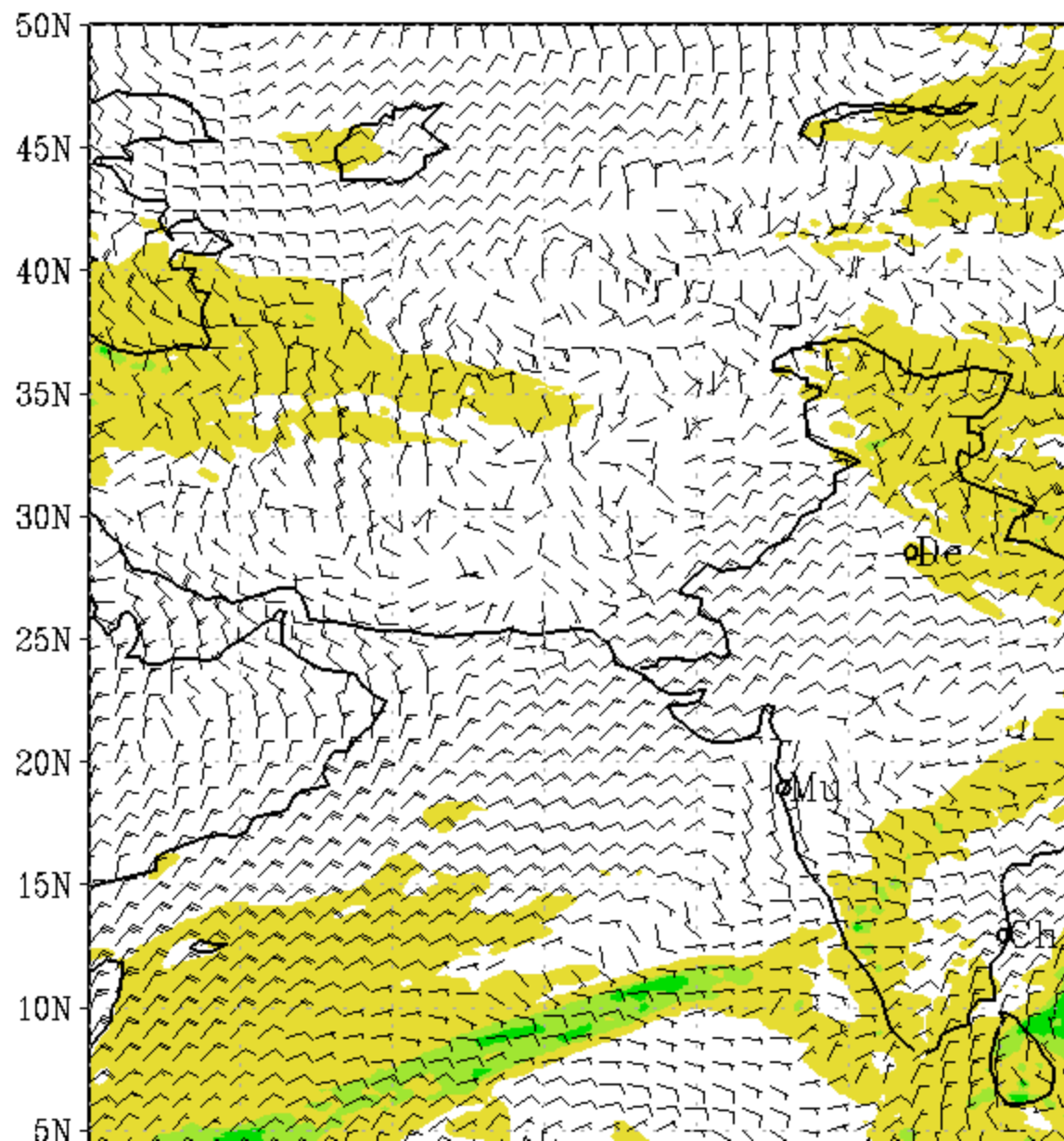


Precipitation, 24h (mm)

Valid for
Sun 12/08/2024, 05:30am IST

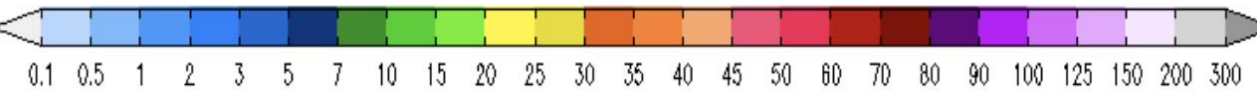


IMD :GFS MODEL(12 Km) 850 hPa WIND (kt)
based on 00 UTC of 05-12-2024 val

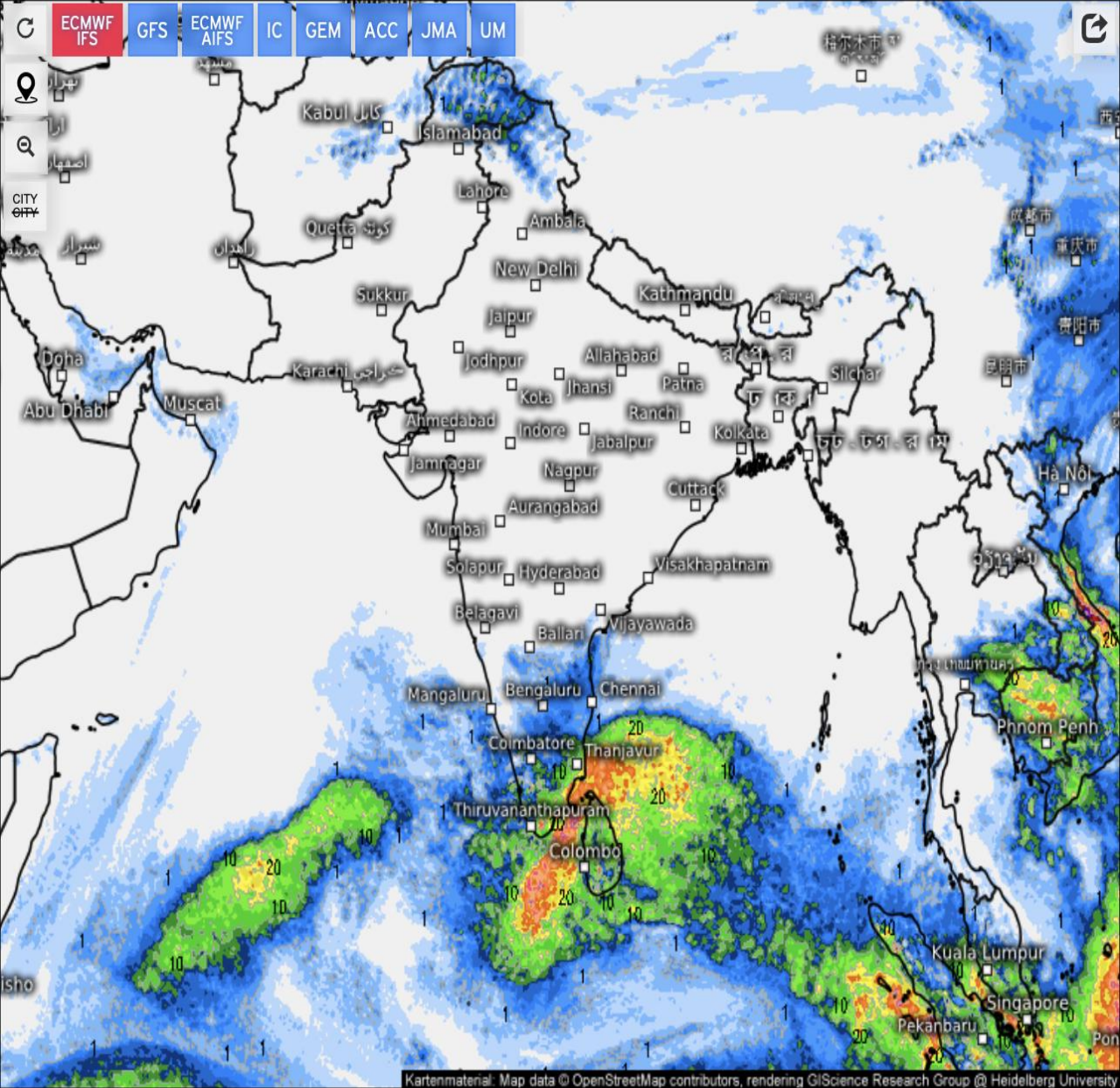
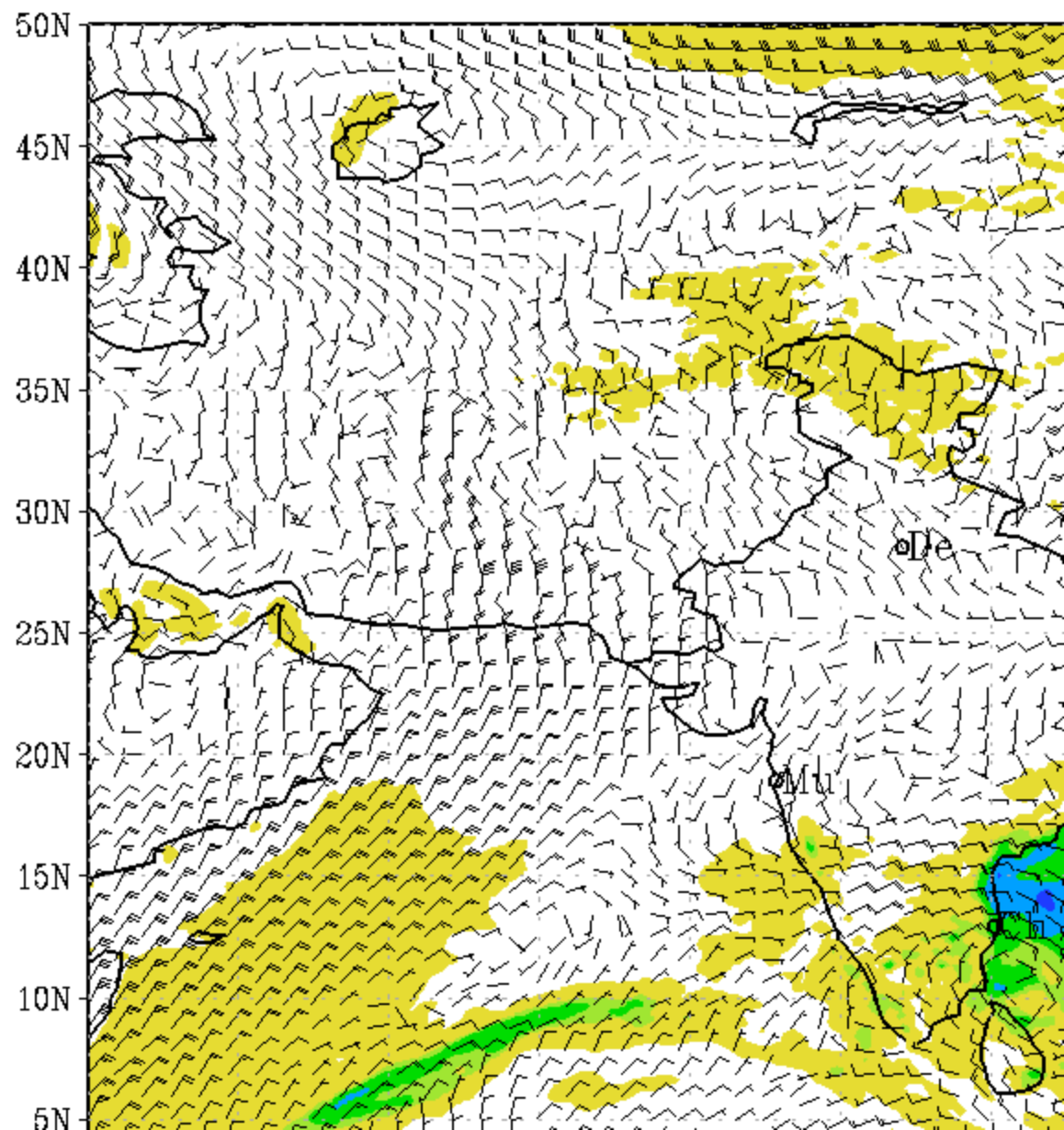


Precipitation, 24h (mm)

Valid for
Tue 12/10/2024, 05:30am IST

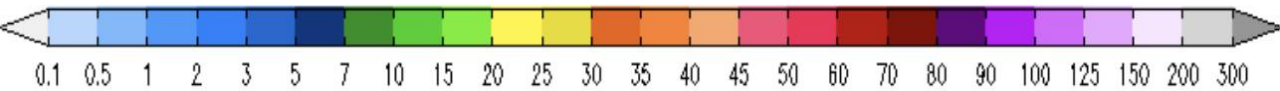


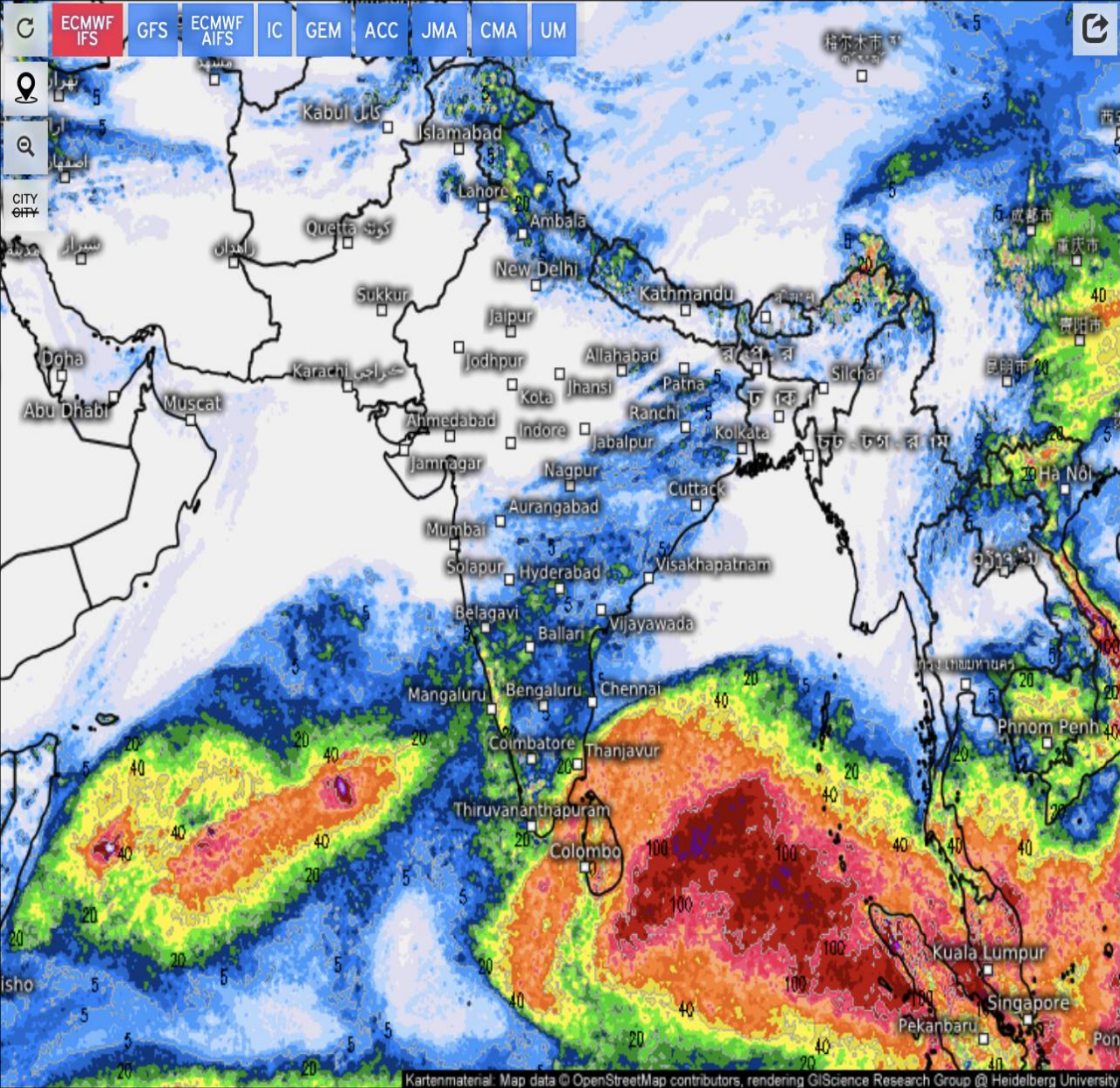
IMD :GFS MODEL(12 Km) 850 hPa WIND (kt)
based on 00 UTC of 05-12-2024 val



Precipitation, 24h (mm)

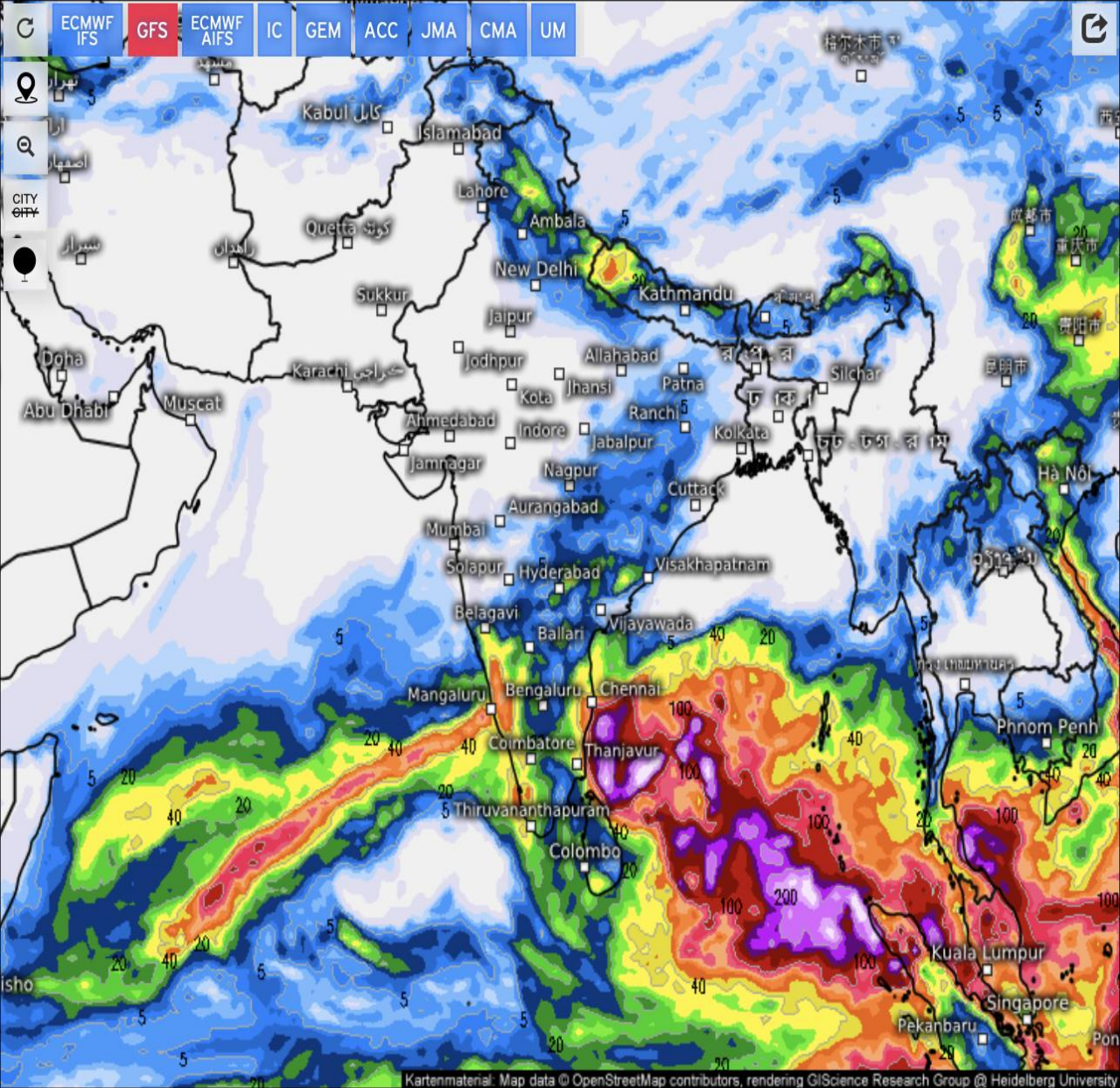
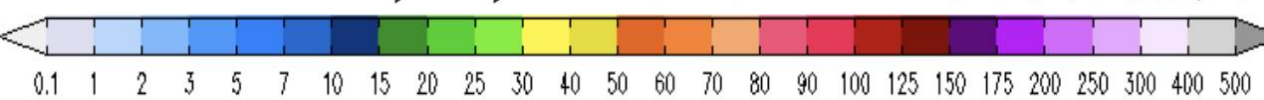
Valid for
Thu 12/12/2024, 05:30pm IST





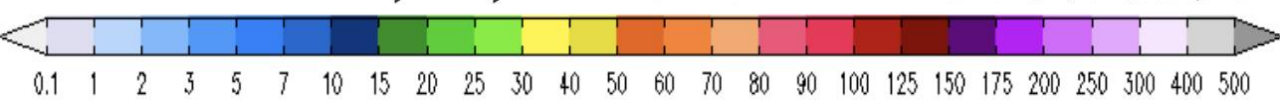
Accumulated total precipitation (mm) ⓘ

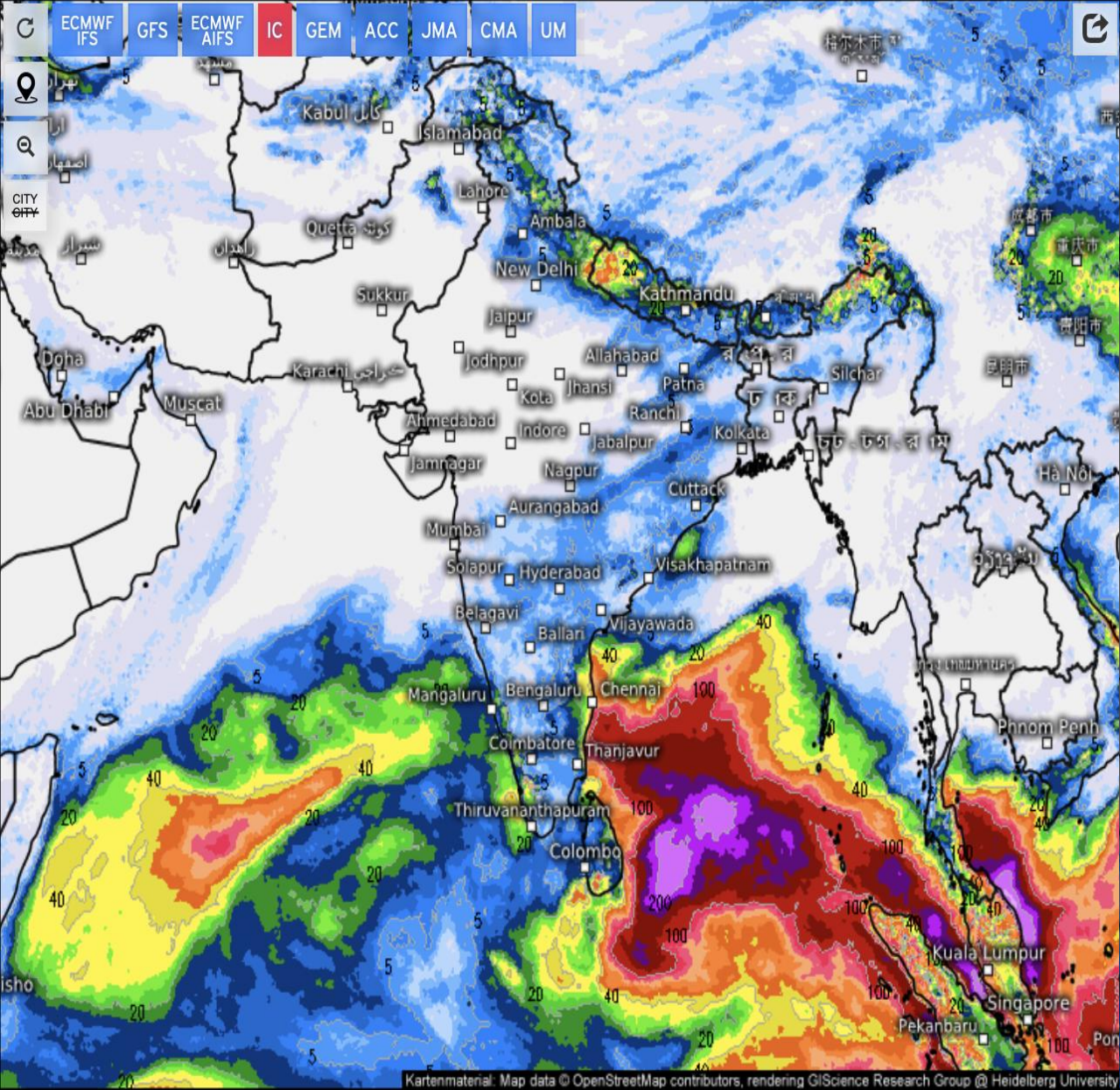
From Thu 12/05/2024, 05:30am IST
to Thu 12/12/2024, 05:30pm IST



Accumulated total precipitation (mm) ⓘ

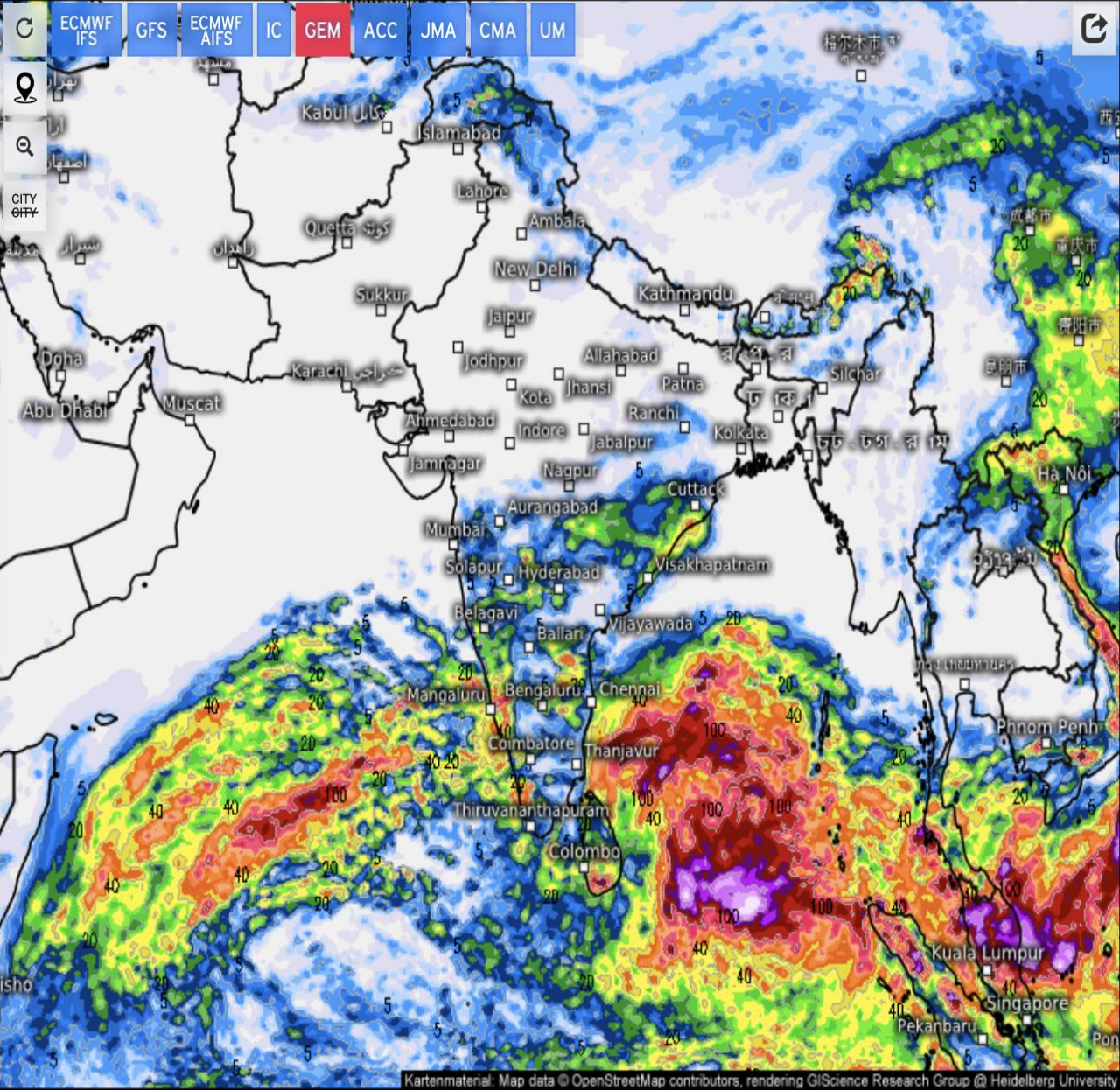
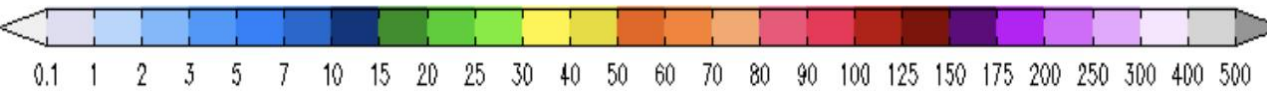
From Thu 12/05/2024, 05:30am IST
to Thu 12/12/2024, 05:30pm IST





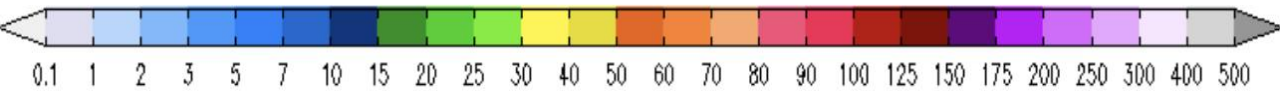
Accumulated total precipitation (mm)

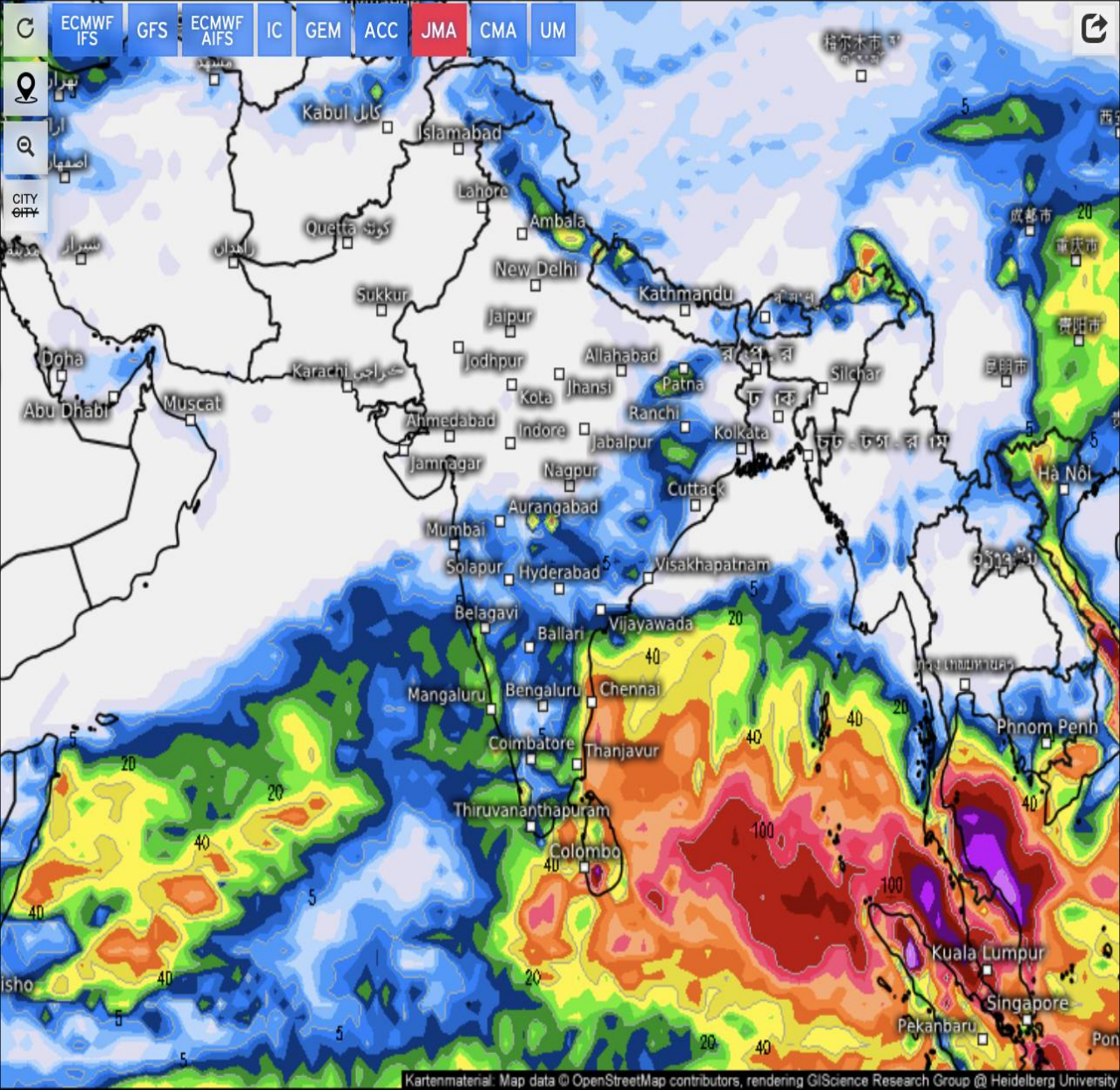
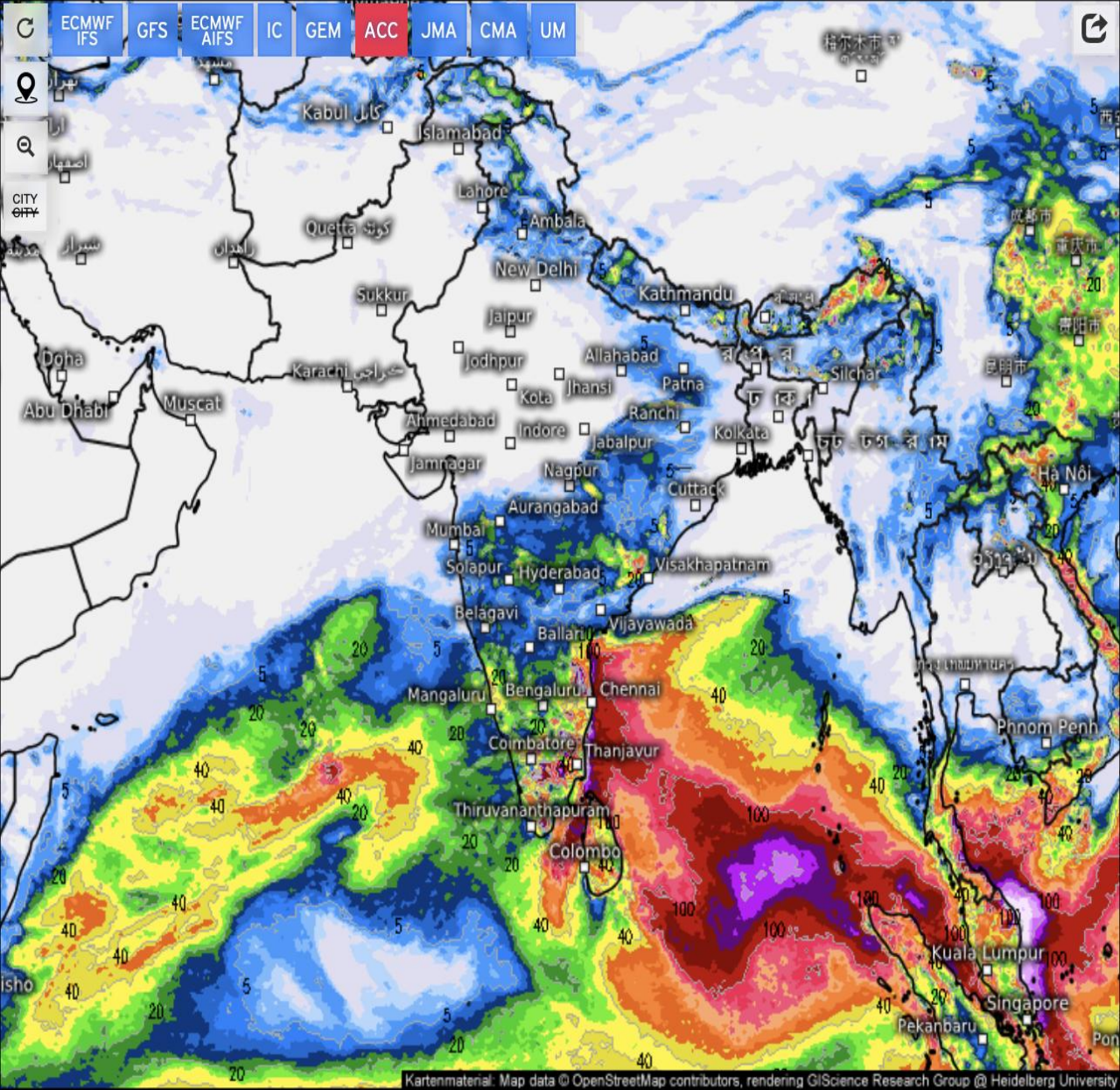
From Thu 12/05/2024, 05:30am IST
to Thu 12/12/2024, 05:30pm IST



Accumulated total precipitation (mm)

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



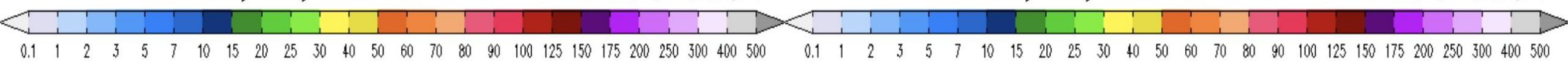


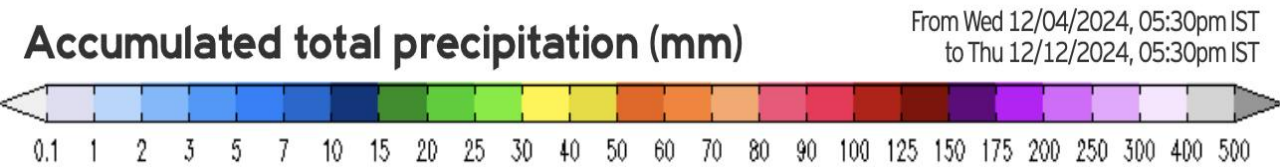
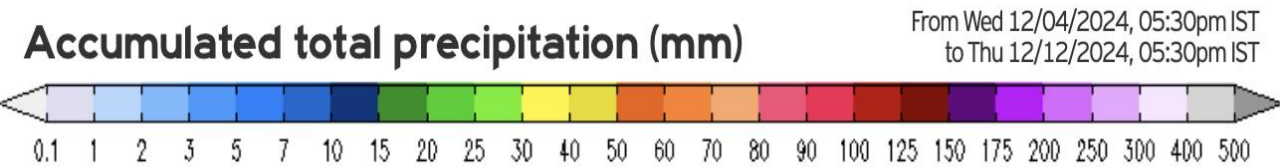
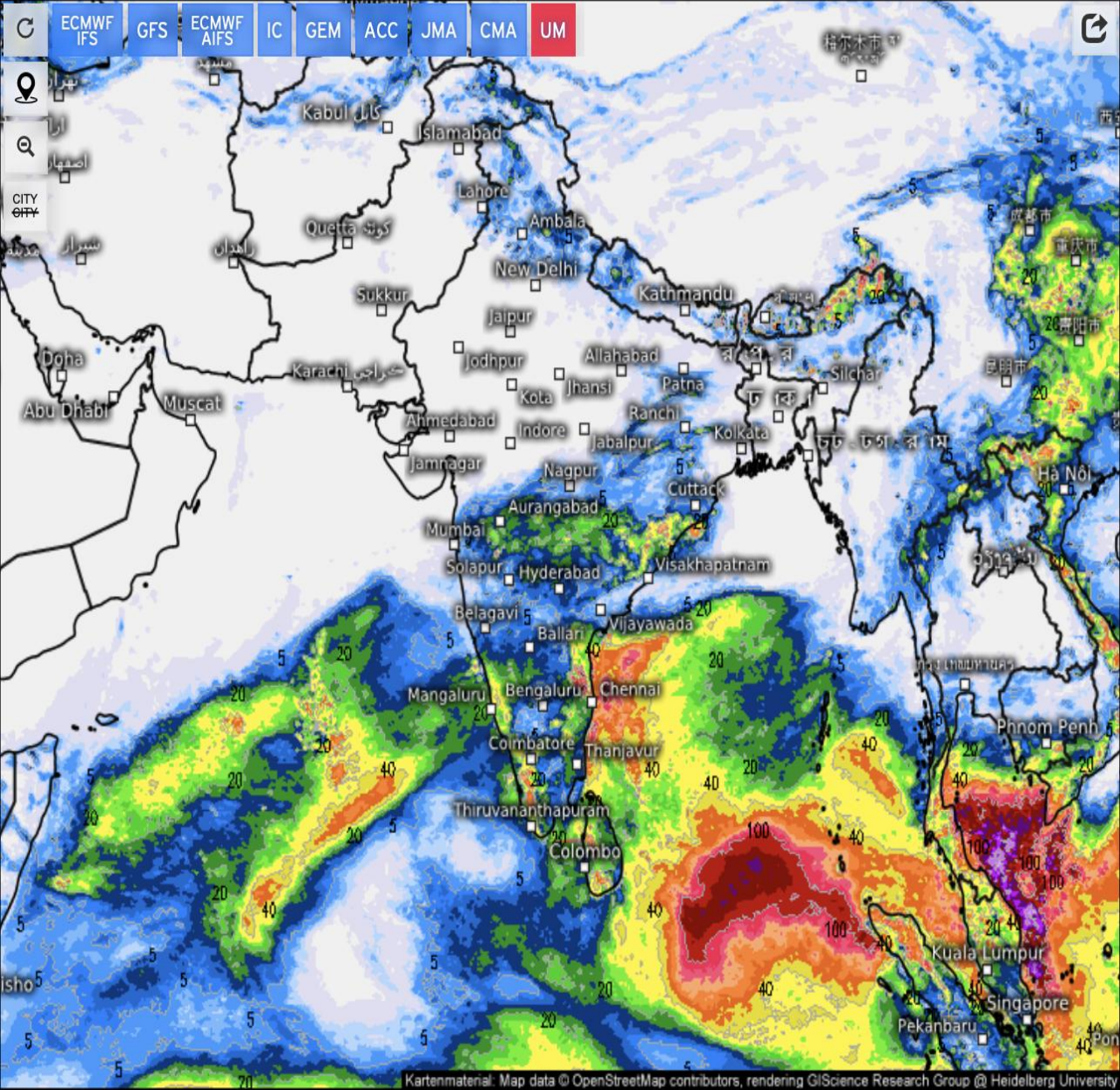
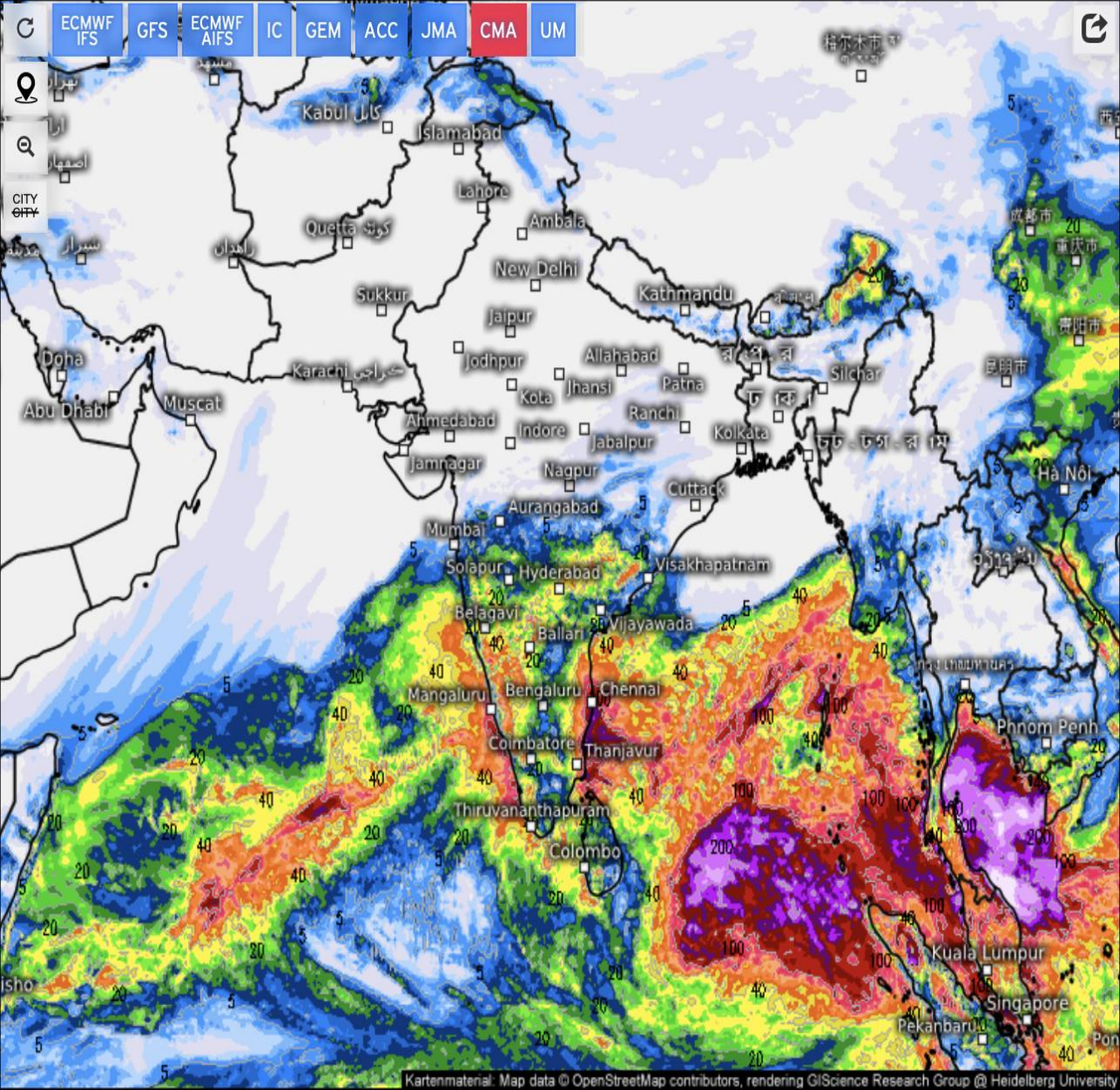
Accumulated total precipitation (mm) 

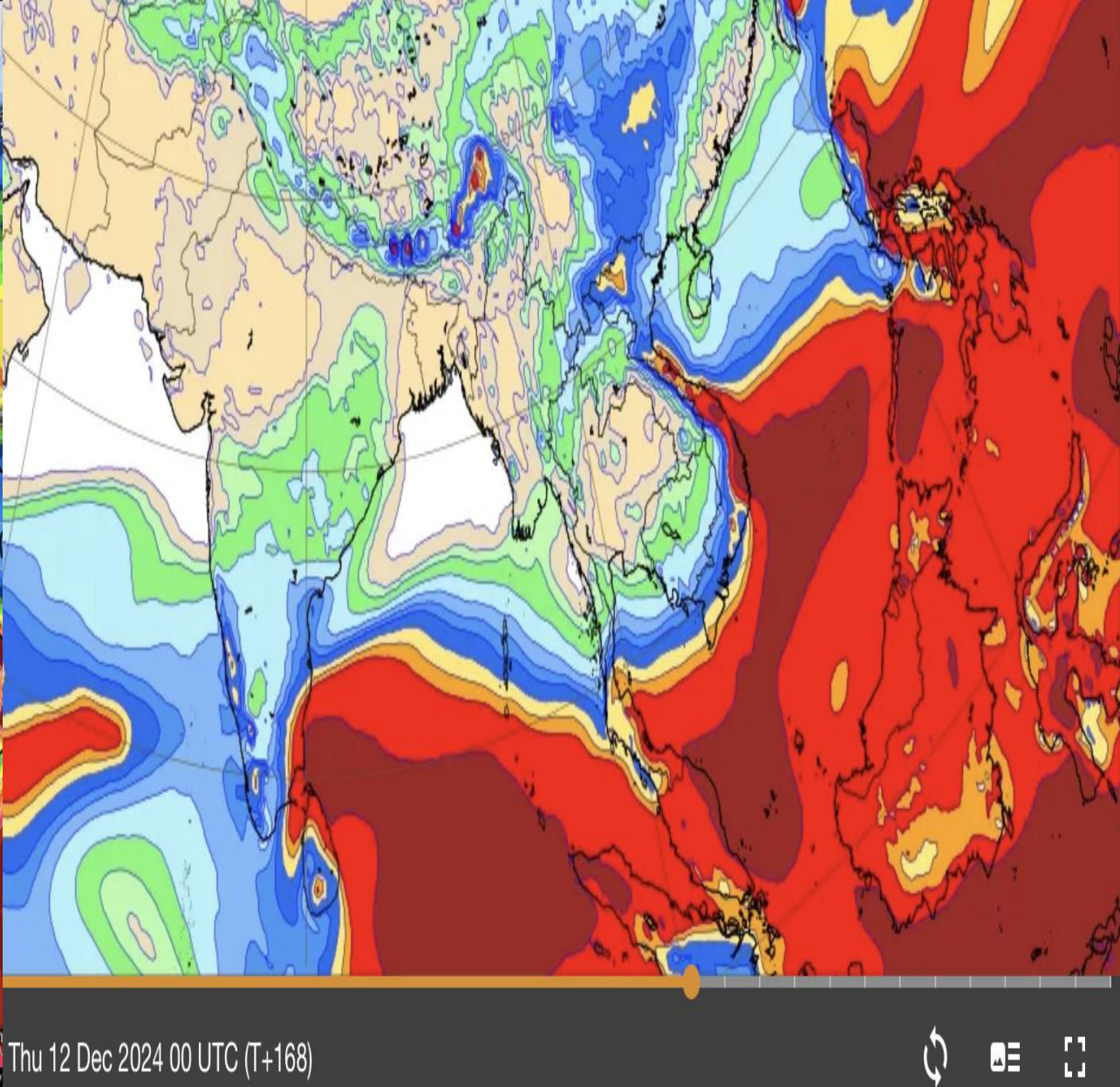
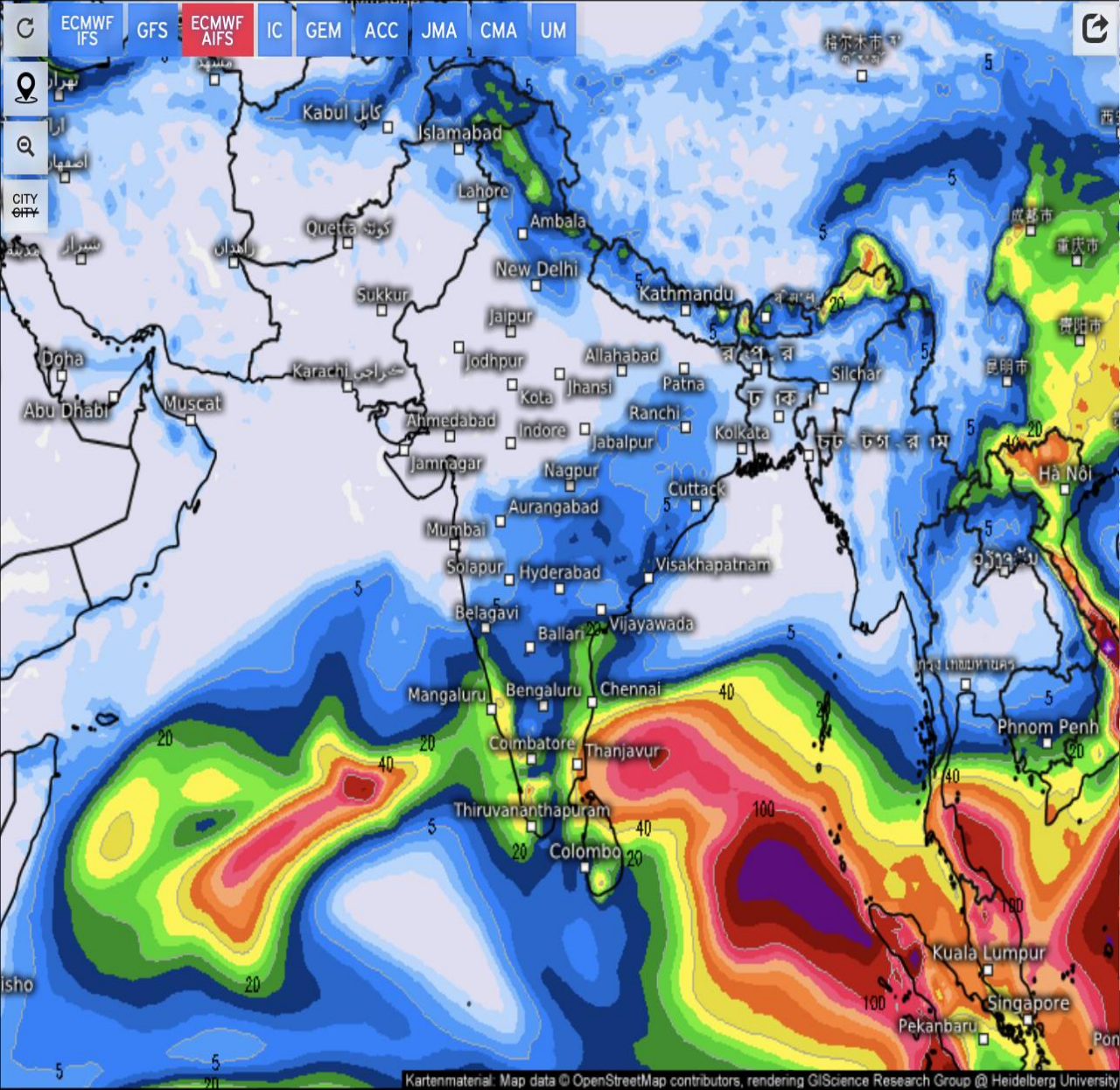
From Wed 12/04/2024, 05:30pm IST
to Thu 12/12/2024, 05:30pm IST

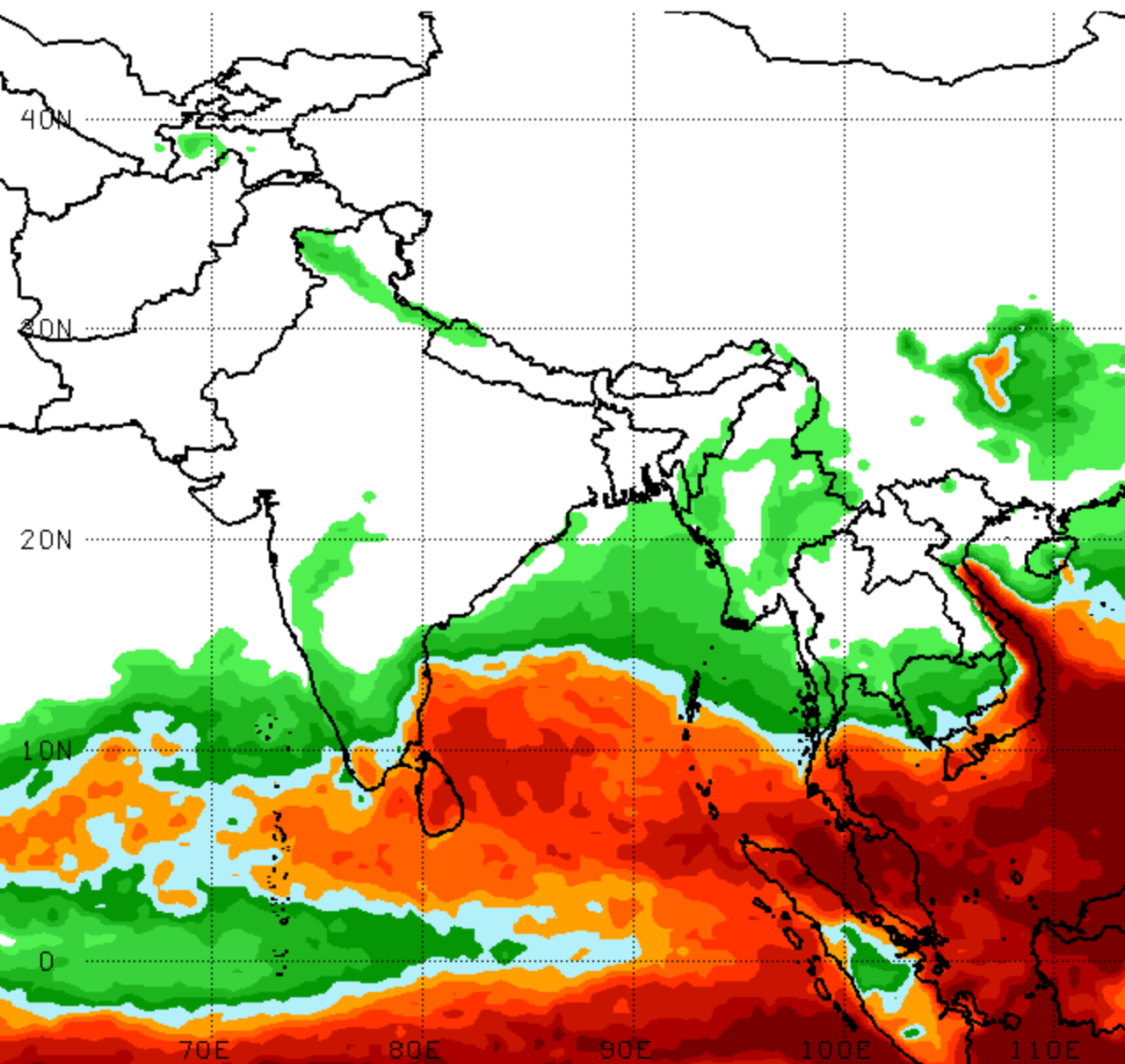
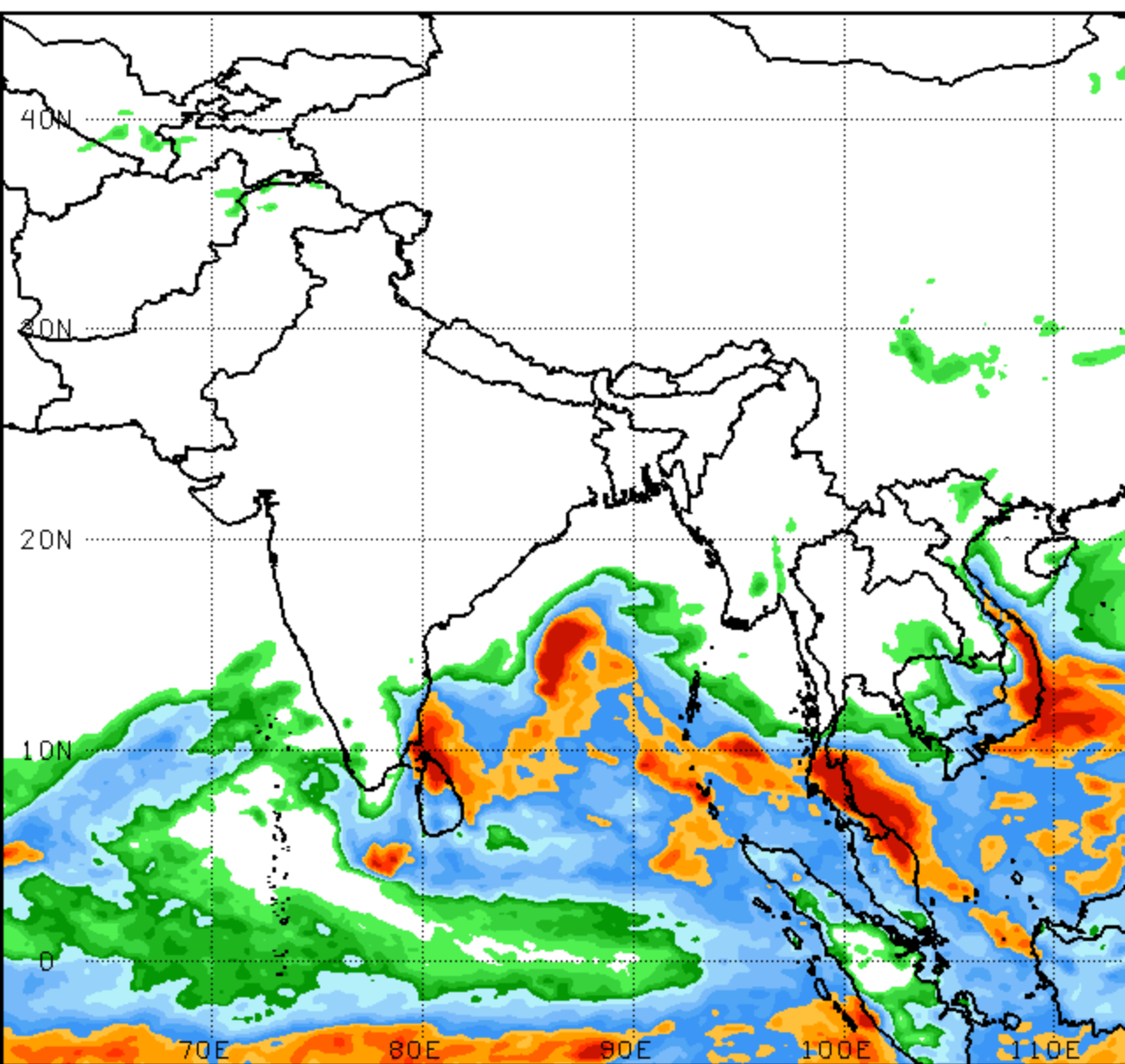
Accumulated total precipitation (mm)

From Wed 12/04/2024, 05:30pm IST
to Thu 12/12/2024, 05:30pm IST





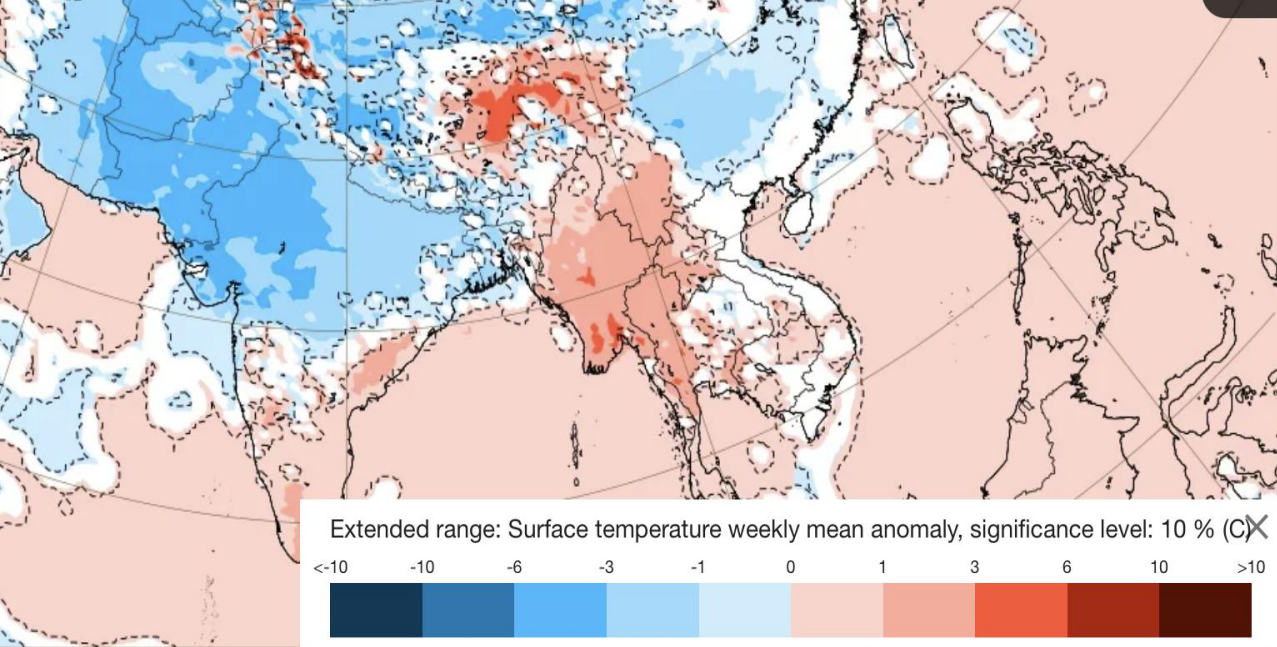




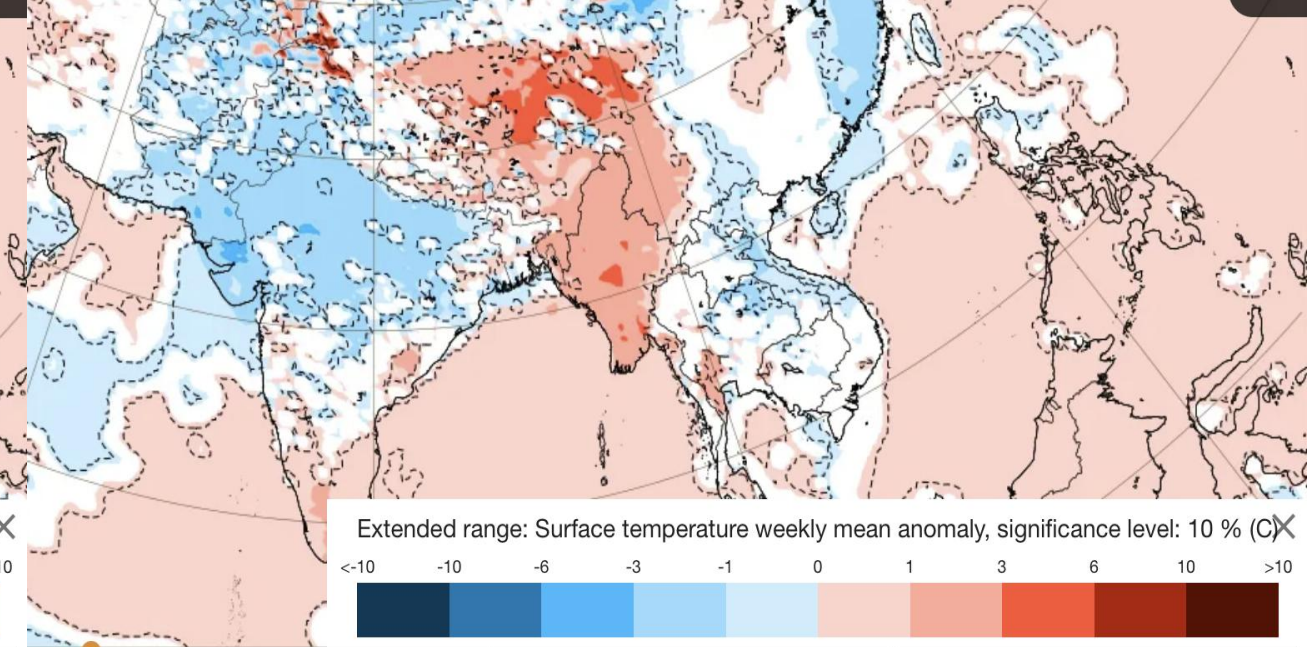
NOAA GFS 20241204 t00z cycle FCST week2 Total Precip

NOAA GFS 20241204 00zCYC FCST Probability of Week2 Precip >

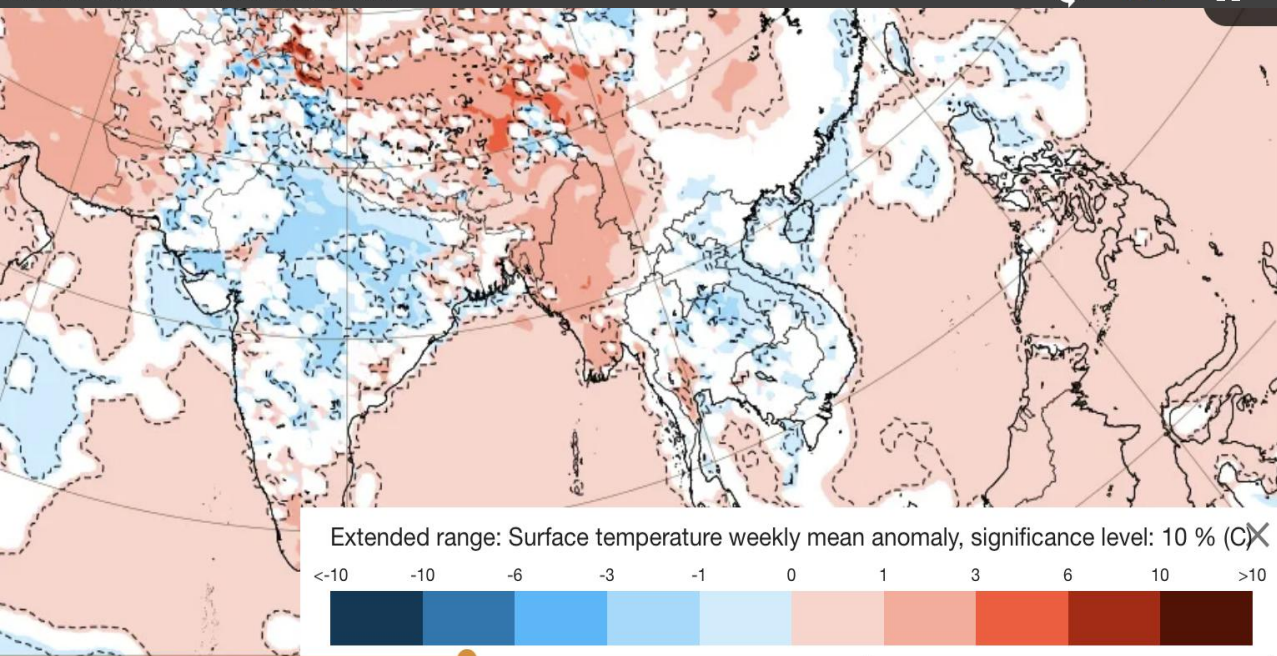




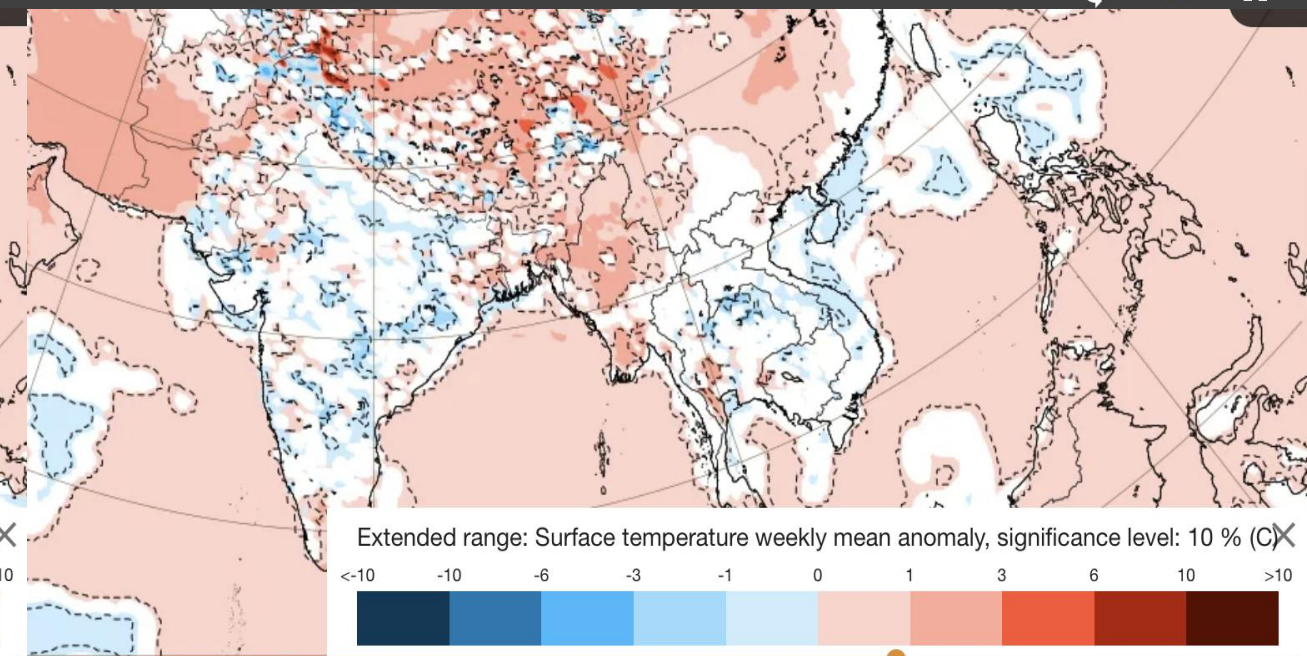
Mon 09 Dec 2024 - Mon 16 Dec 2024



Mon 16 Dec 2024 - Mon 23 Dec 2024

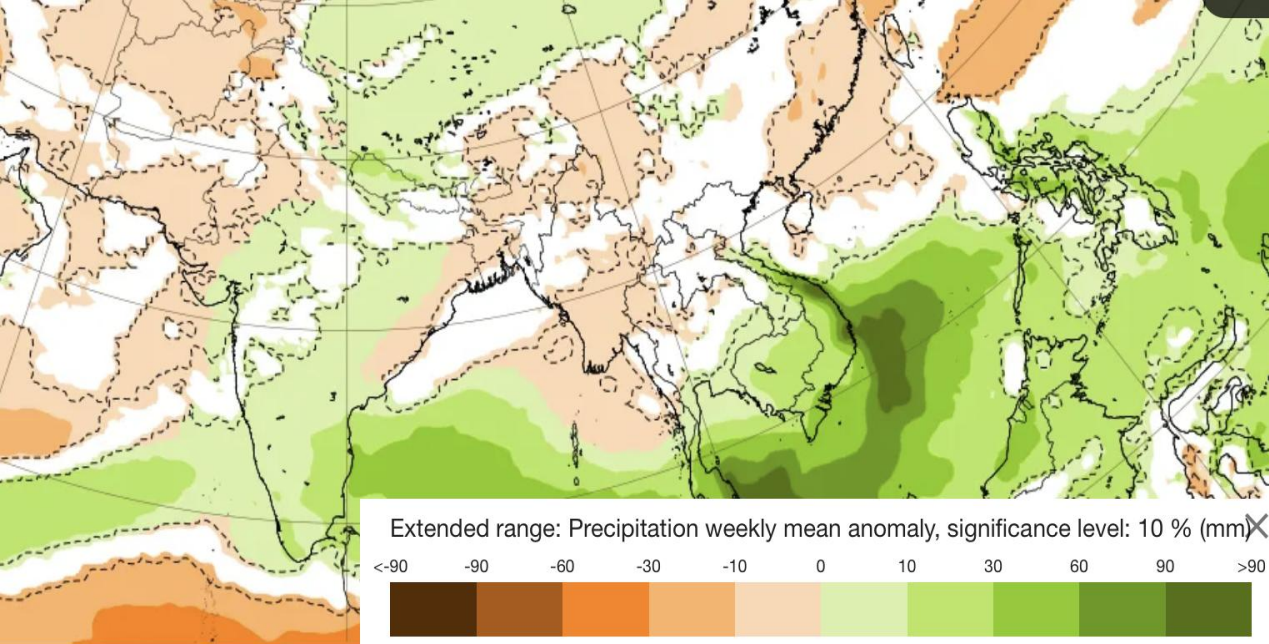


Mon 23 Dec 2024 - Mon 30 Dec 2024

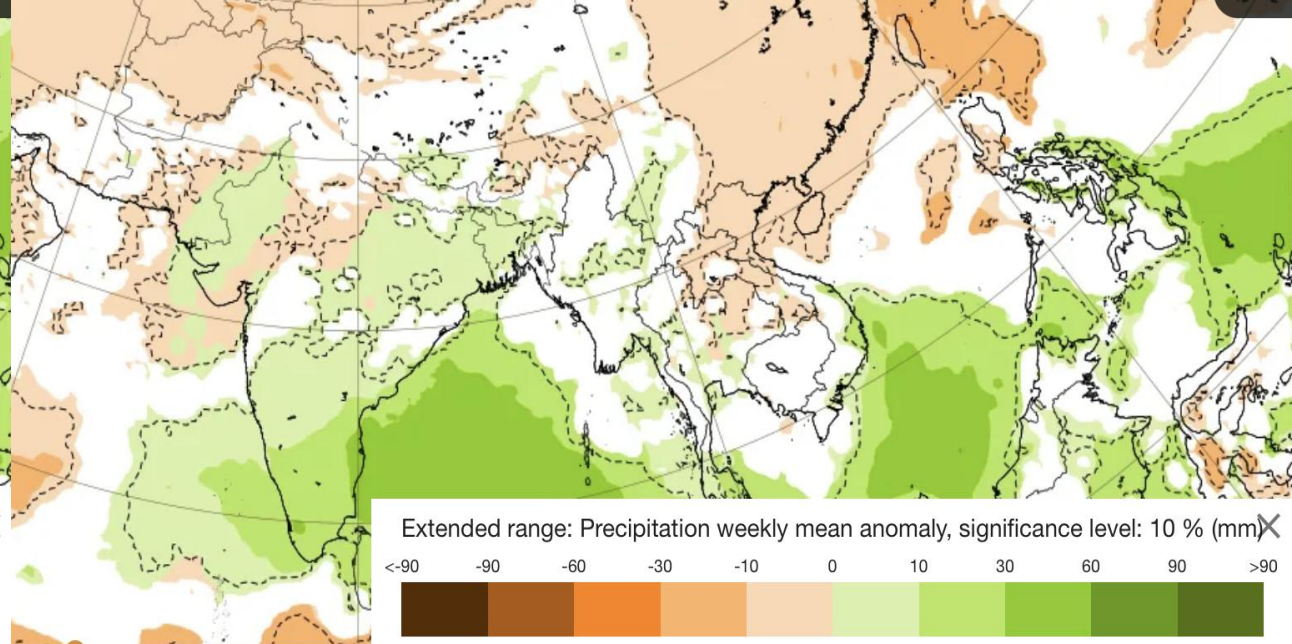


Mon 30 Dec 2024 - Mon 06 Jan 2025

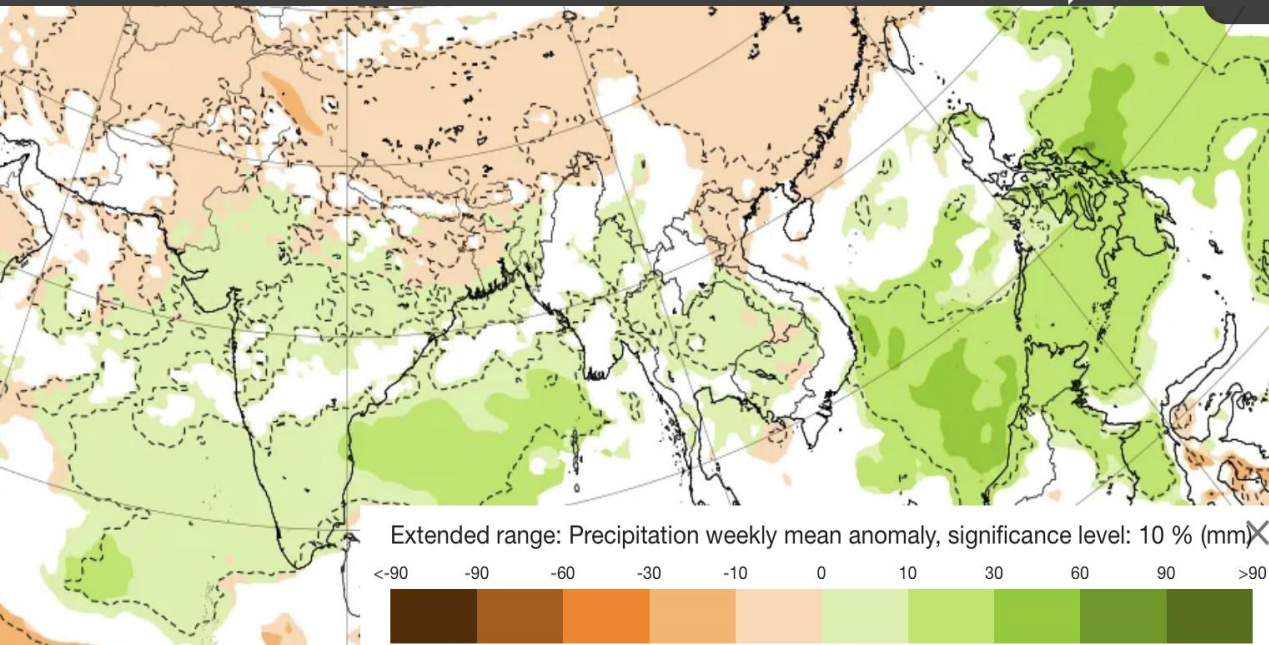




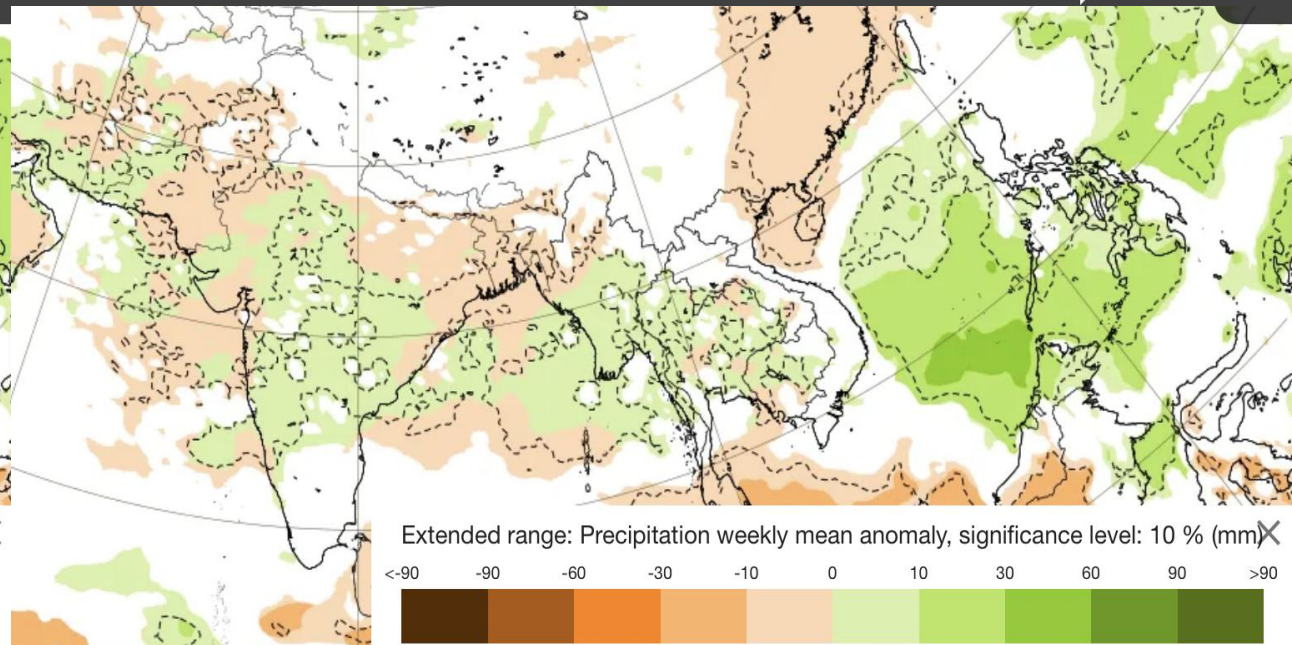
Mon 09 Dec 2024 - Mon 16 Dec 2024



Mon 16 Dec 2024 - Mon 23 Dec 2024



Mon 23 Dec 2024 - Mon 30 Dec 2024



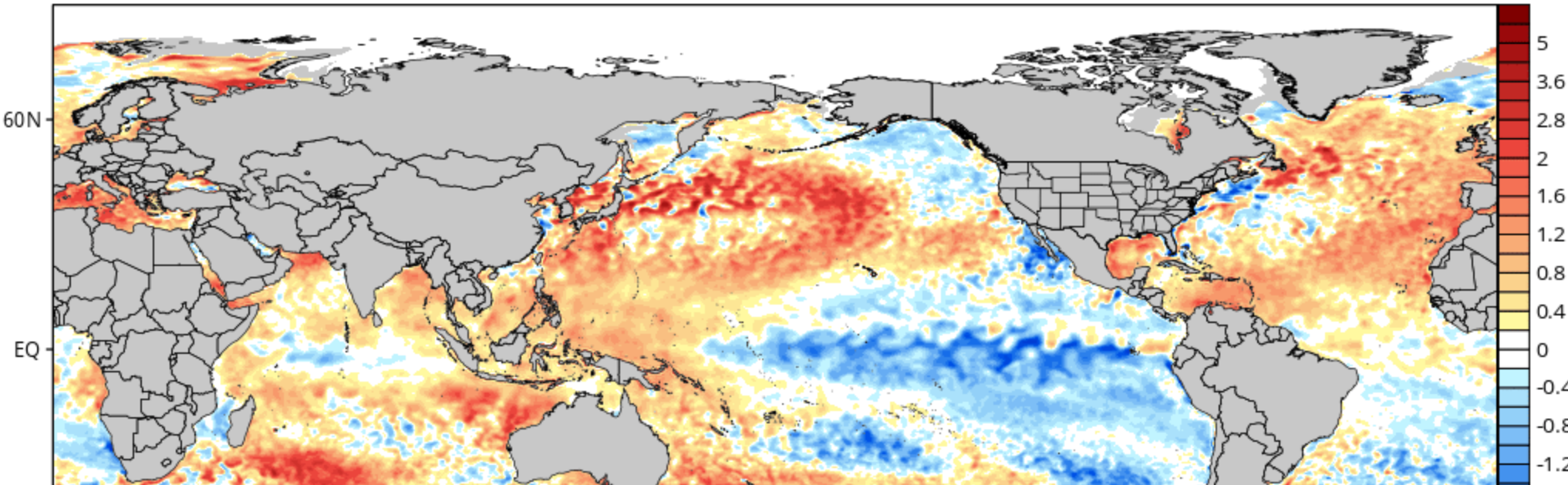
Mon 30 Dec 2024 - Mon 06 Jan 2025



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

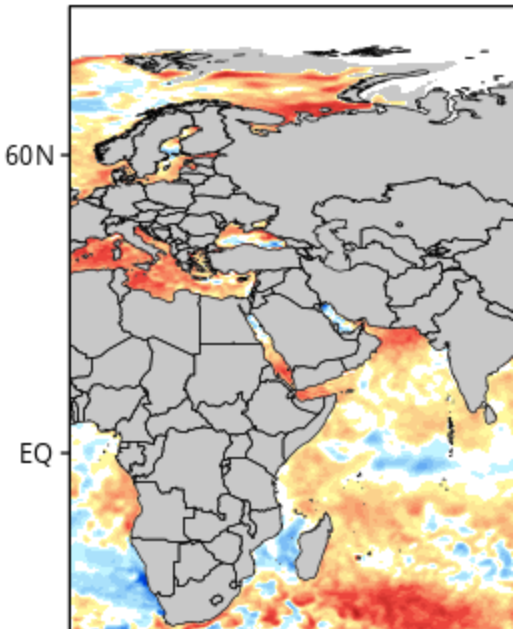
Analysis Time: 00z Dec 05 2024

TROPICALTIDBITS.COM

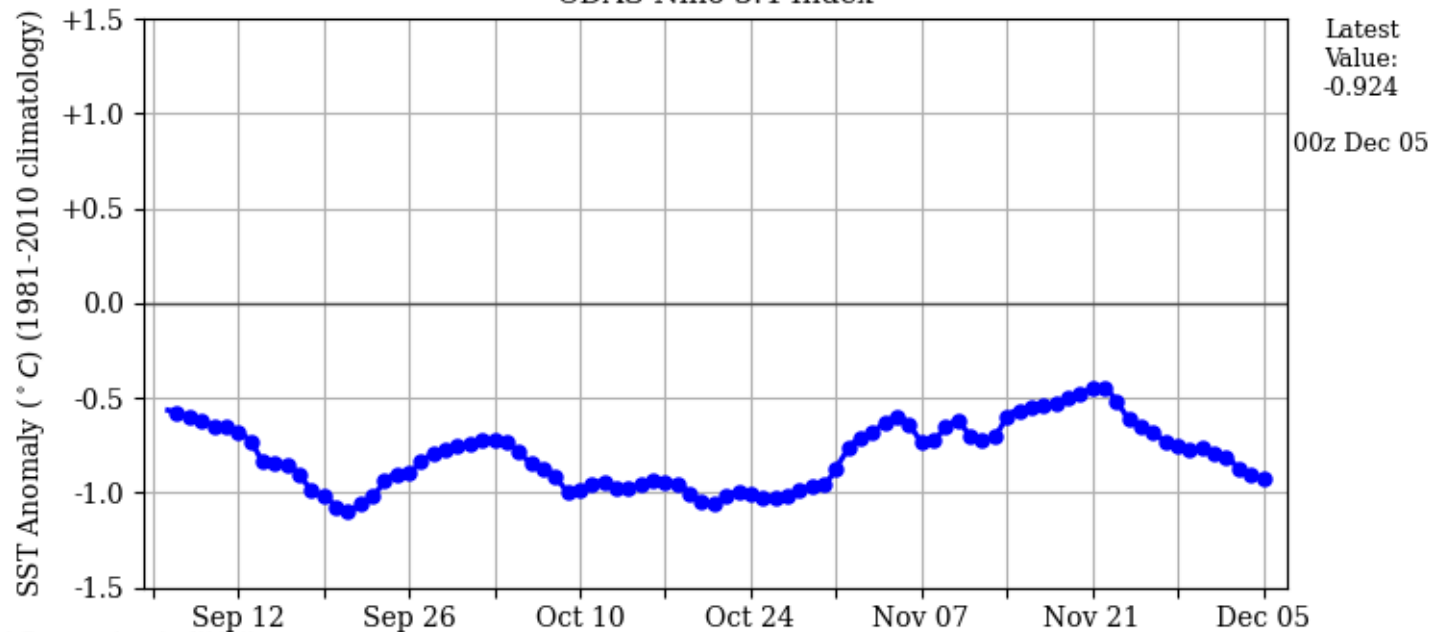


CDAS Sea Surface Temperature Anomaly (°C) (based on CFSR 1981-2010 Climatology)

Analysis Time: 00z Dec 05 2024



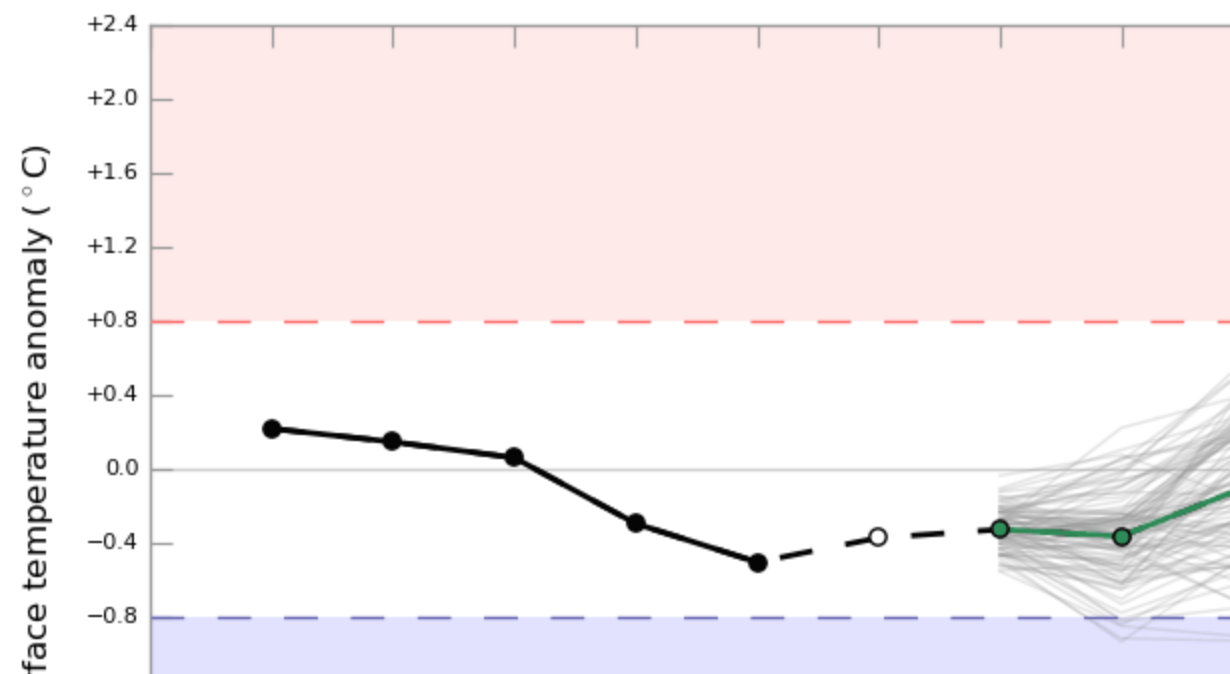
CDAS Niño 3.4 Index



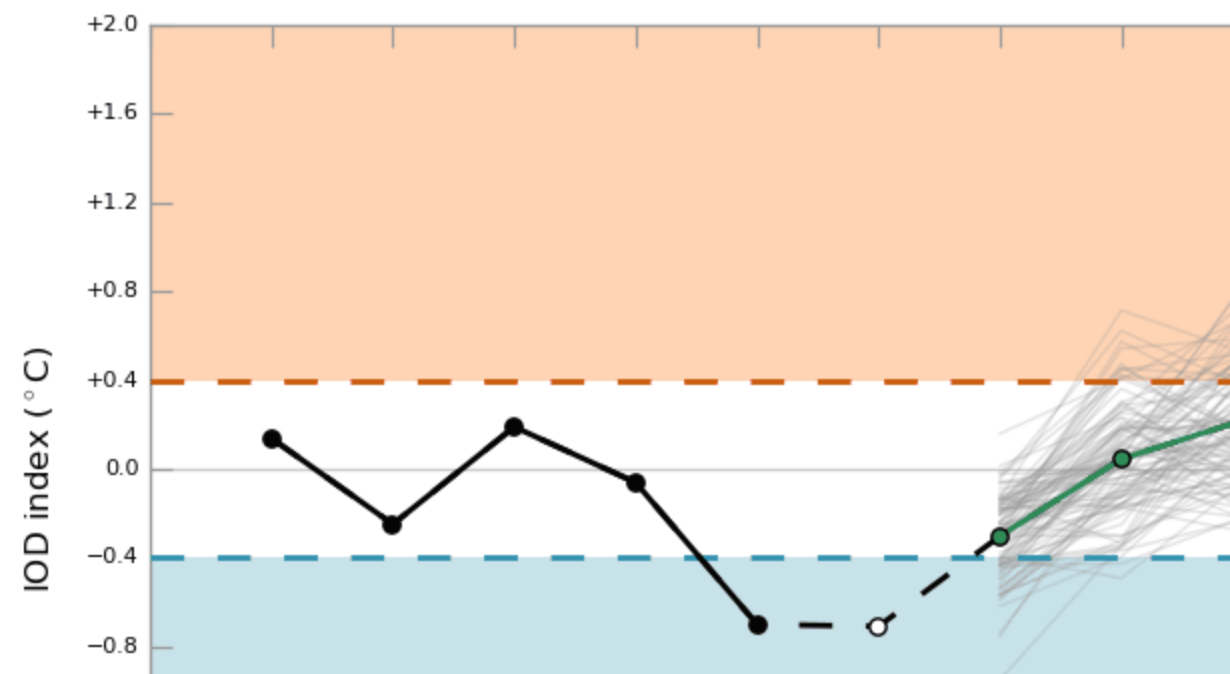
CDAS Niño 3.4 Index



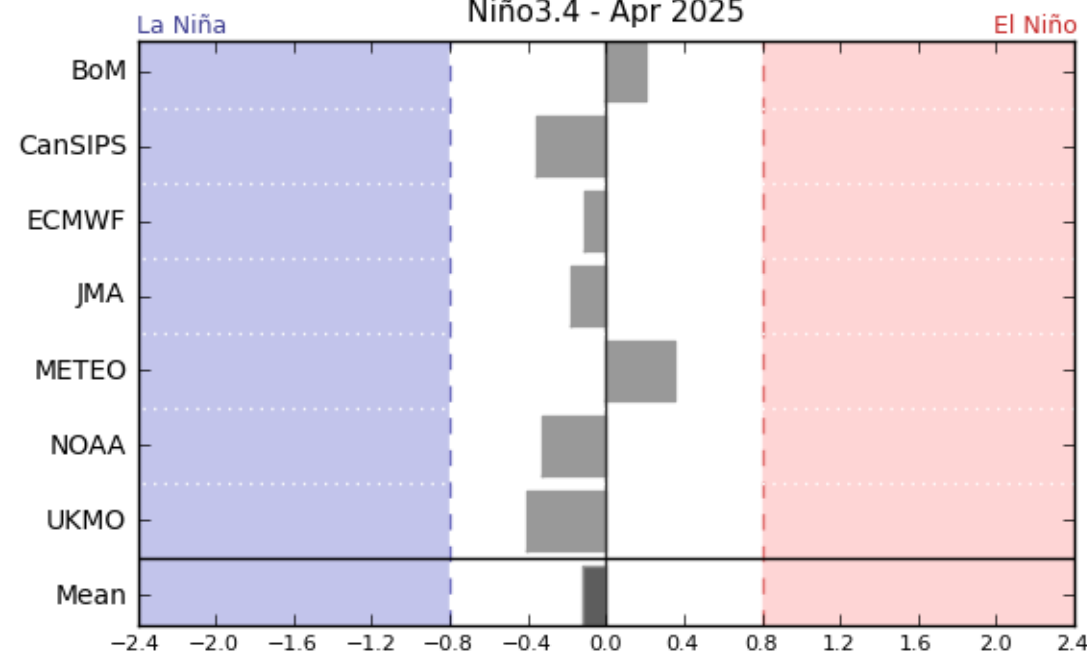
Niño3.4 index



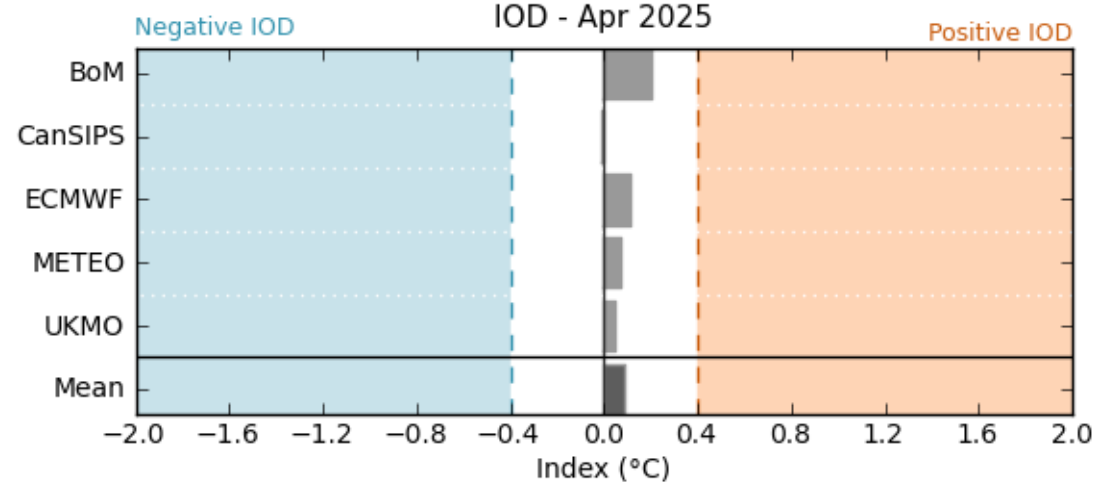
IOD index



Niño3.4 - Apr 2025



IOD - Apr 2025

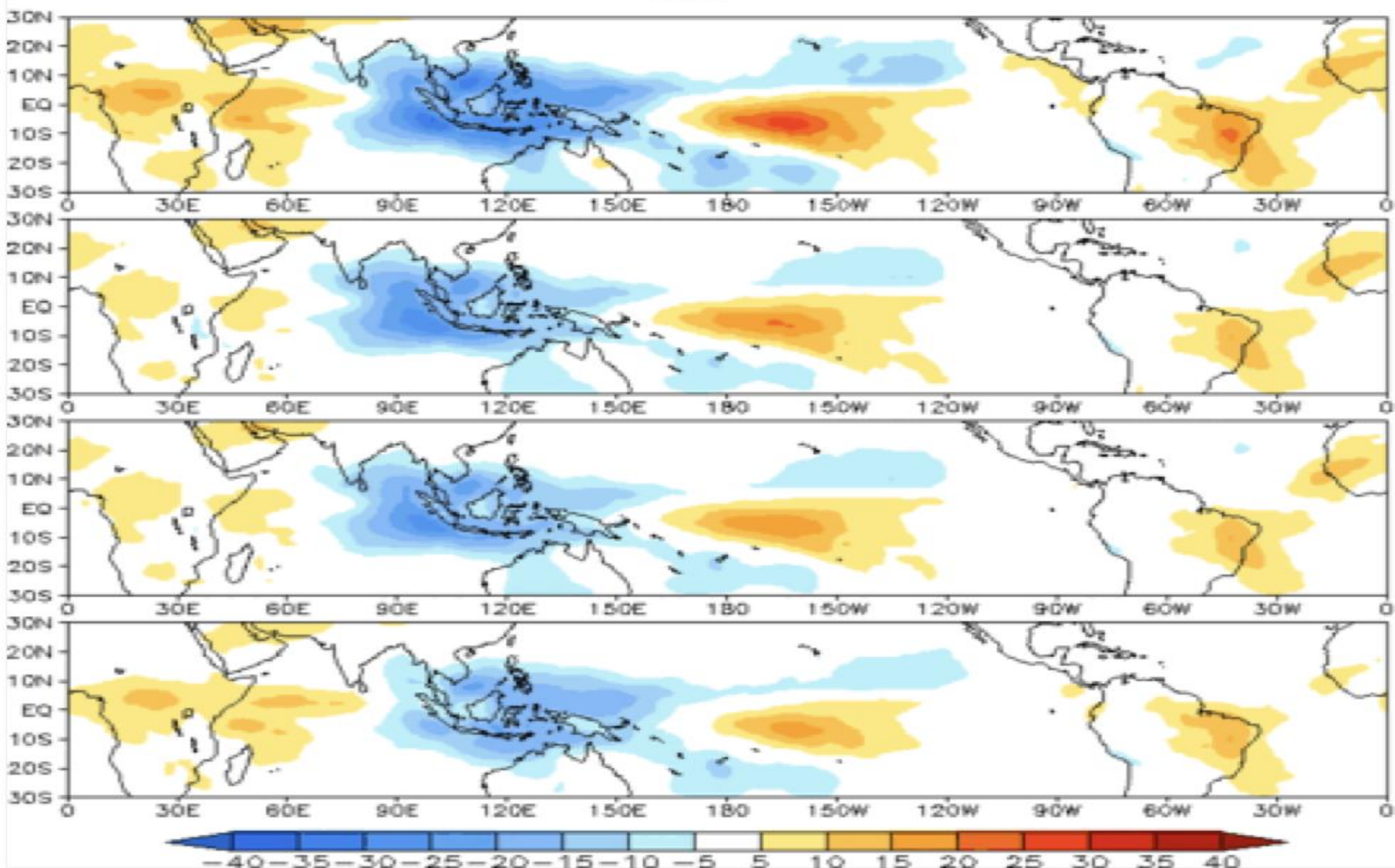


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IOD - Apr 2025



Prediction of MJO-related anomalies using GEFS operational forecast
Initial date: 01 Dec 2024
OLR



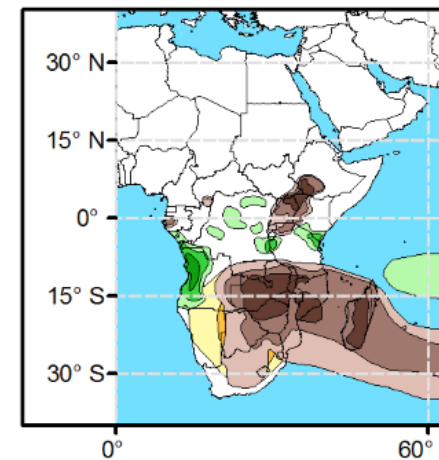
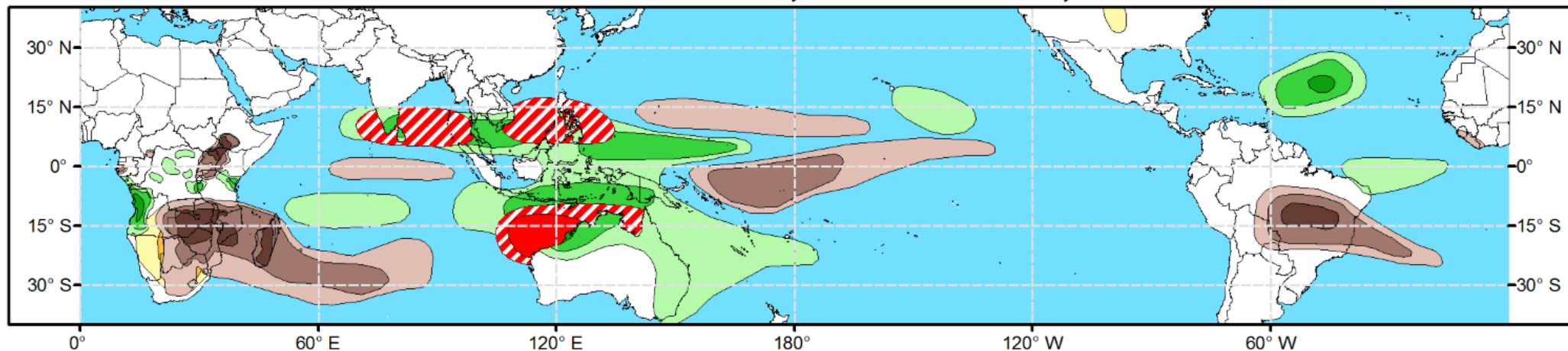


Global Tropics Hazards Outlook

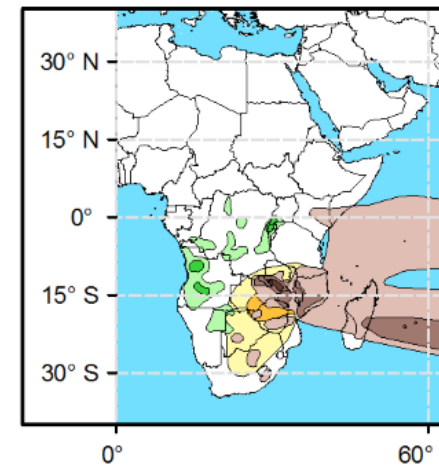
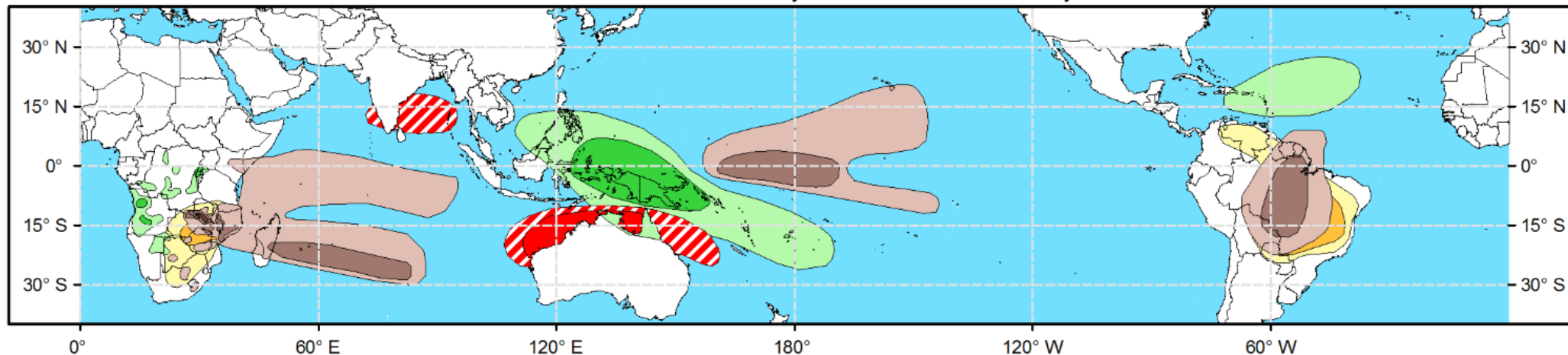
Climate Prediction Center



Week 2 - Valid: Dec 11, 2024 - Dec 17, 2024



Week 3 - Valid: Dec 18, 2024 - Dec 24, 2024



**Tropical Cyclone (TC)
Formation Probability**



>20% >40% >60%

**Above-Average
Rainfall Probability**



>50% >65% >80%

**Below-Average
Rainfall Probability**



>50% >65% >80%

**Above-Average
Temperatures Probability**



>50% >65% >80%

**Below-Average
Temperatures Probability**



>50% >65% >80%

**Tropical Cyclone (TC)
Formation Probability**



>20% >40% >60%

Tropical Depression (TD)

Weekly total rainfall in the

Weekly total rainfall in the

7-day max temperatures in the

7-day min temperatures in the

Tropical Depression (TD)