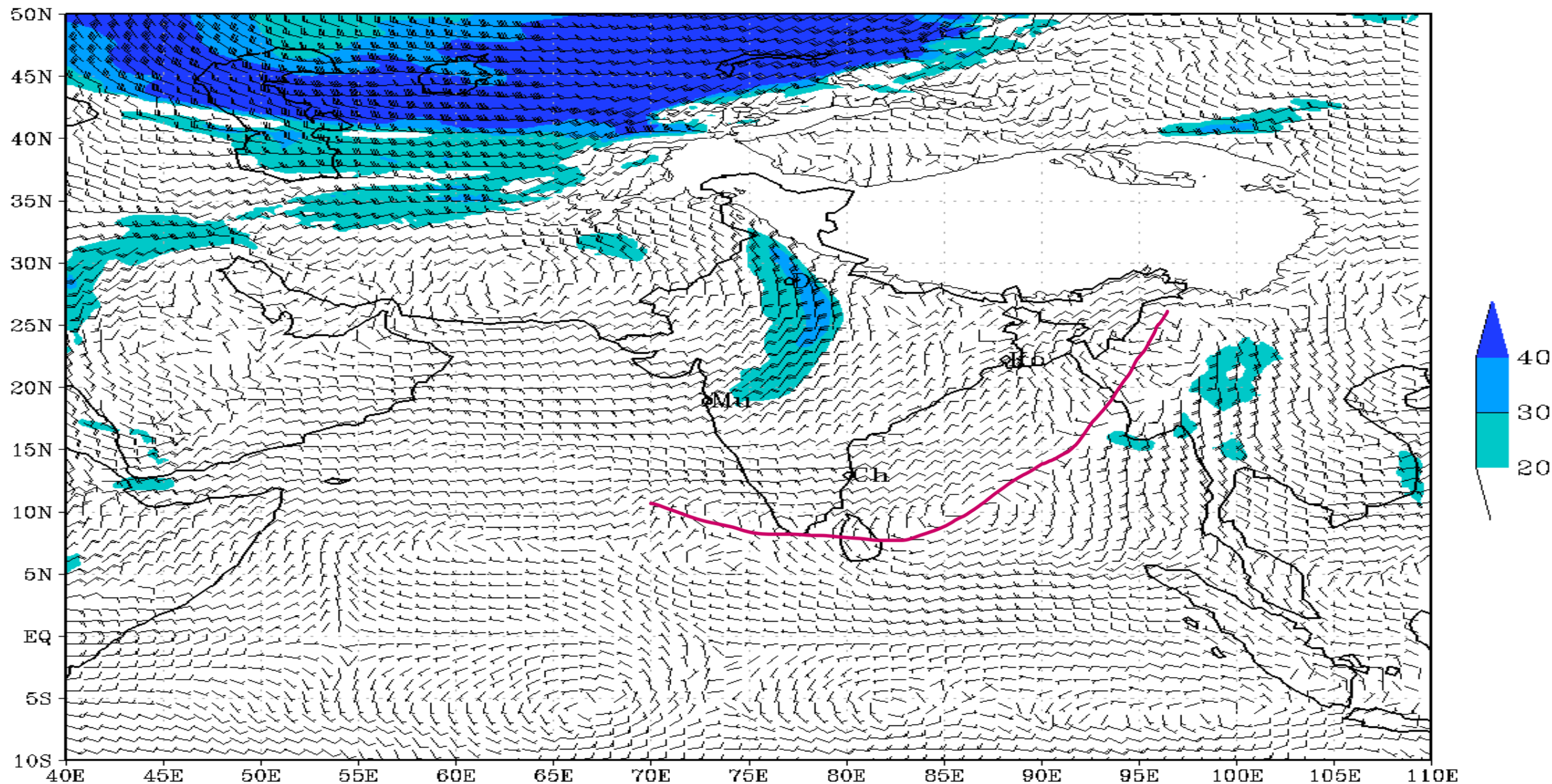


**IMD:GFS MODEL(12 Km) 700 hPa WIND (kt) FORECAST (00 HR)**  
**based on 00 UTC of 07-11-2024 valid for 00 UTC of 07-11-2024**

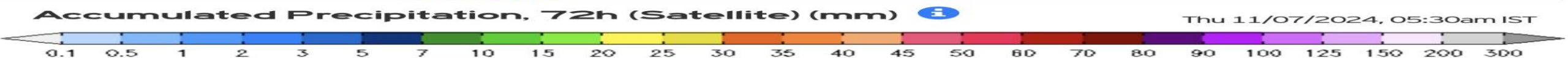
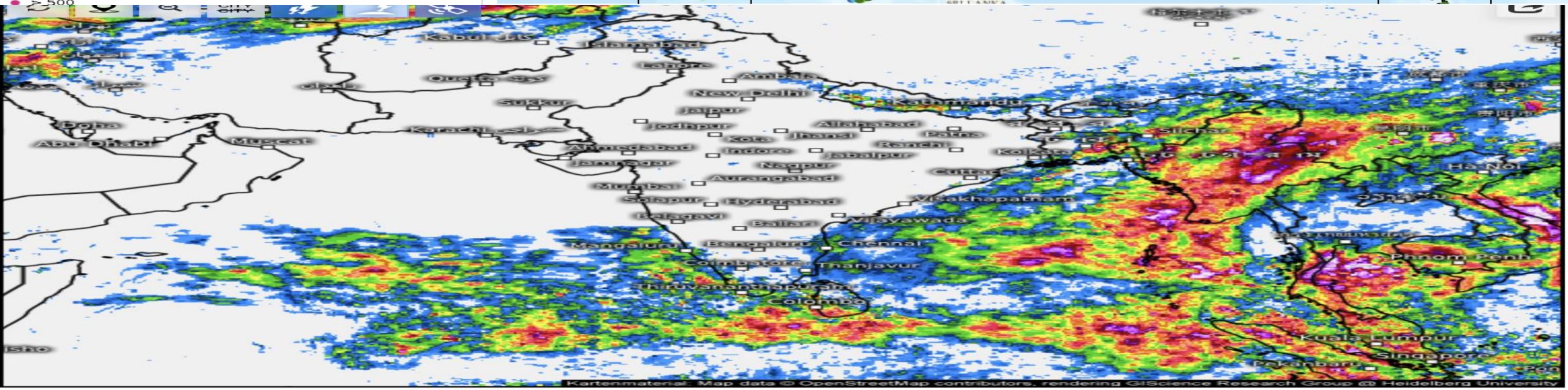
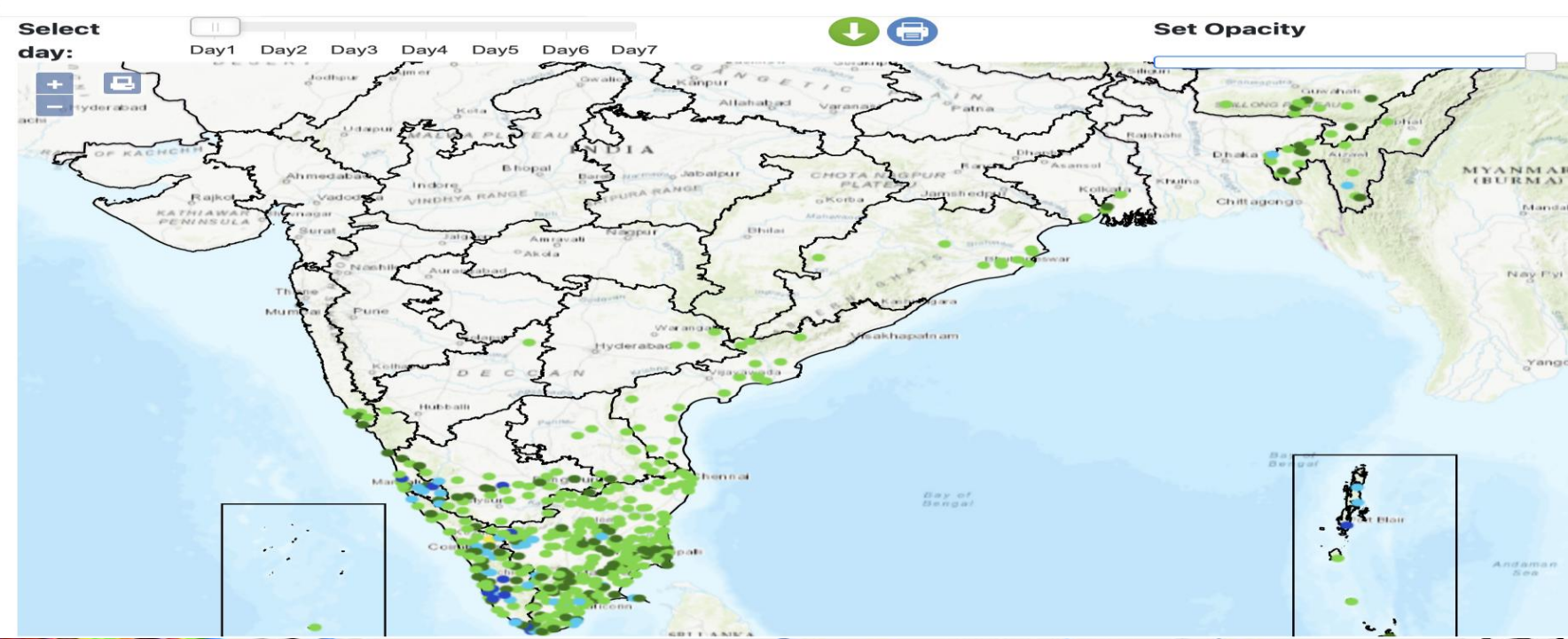


(Background does not depict political boundary)

- Day 2 (08:30 IST 05/11/2024 - 08:30 IST 07/11/2024)
- ☒ Day 3 (08:30 IST 04/11/2024 - 08:30 IST 07/11/2024)
- ☐ Day 4 (08:30 IST 03/11/2024 - 08:30 IST 07/11/2024)
- ☐ Day 5 (08:30 IST 02/11/2024 - 08:30 IST 07/11/2024)
- ☐ Day 6 (08:30 IST 01/11/2024 - 08:30 IST 07/11/2024)
- ☐ Day 7 (08:30 IST 31/10/2024 - 08:30 IST 07/11/2024)

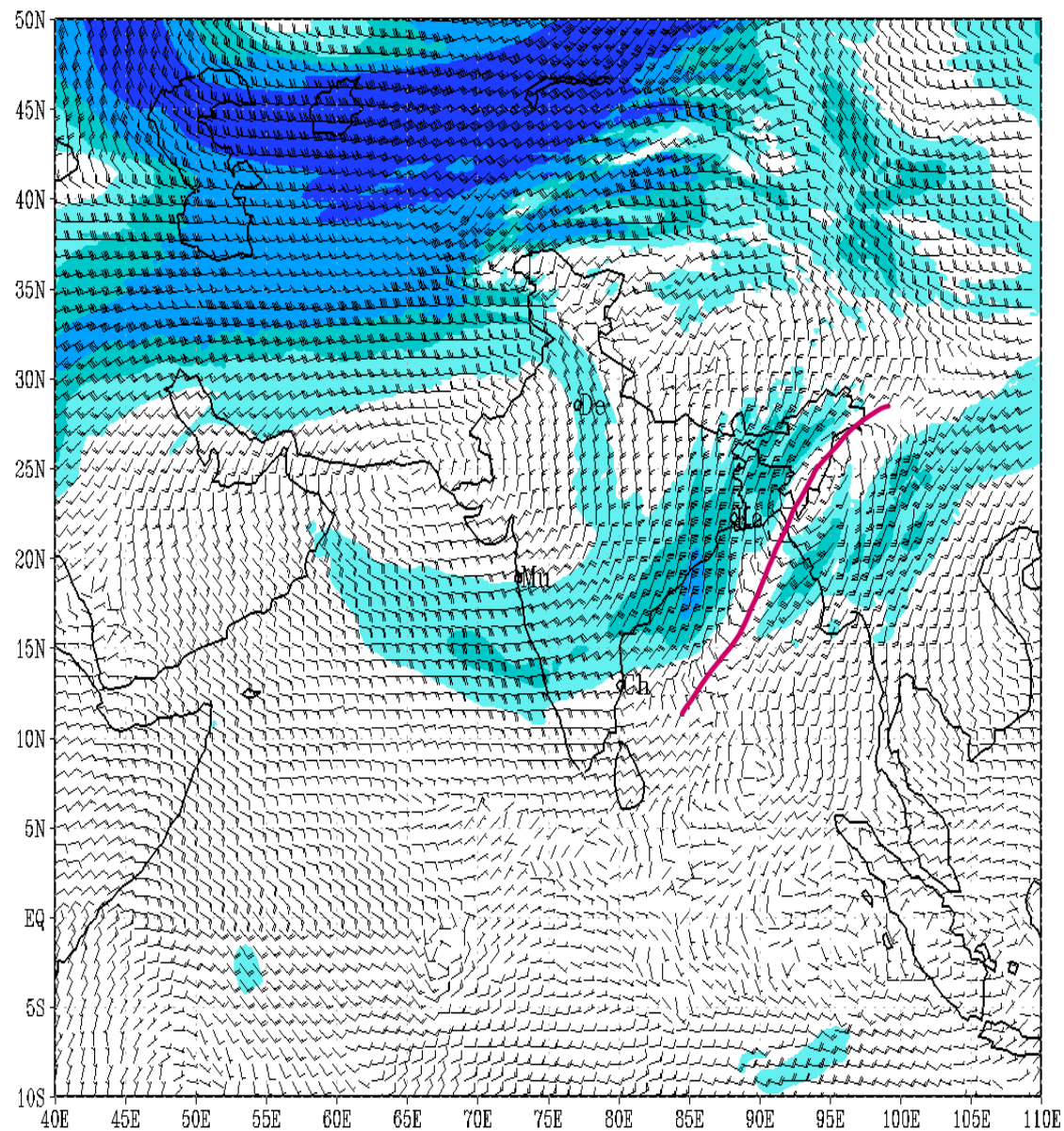
**Legend: (Rainfall in mm)**

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



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

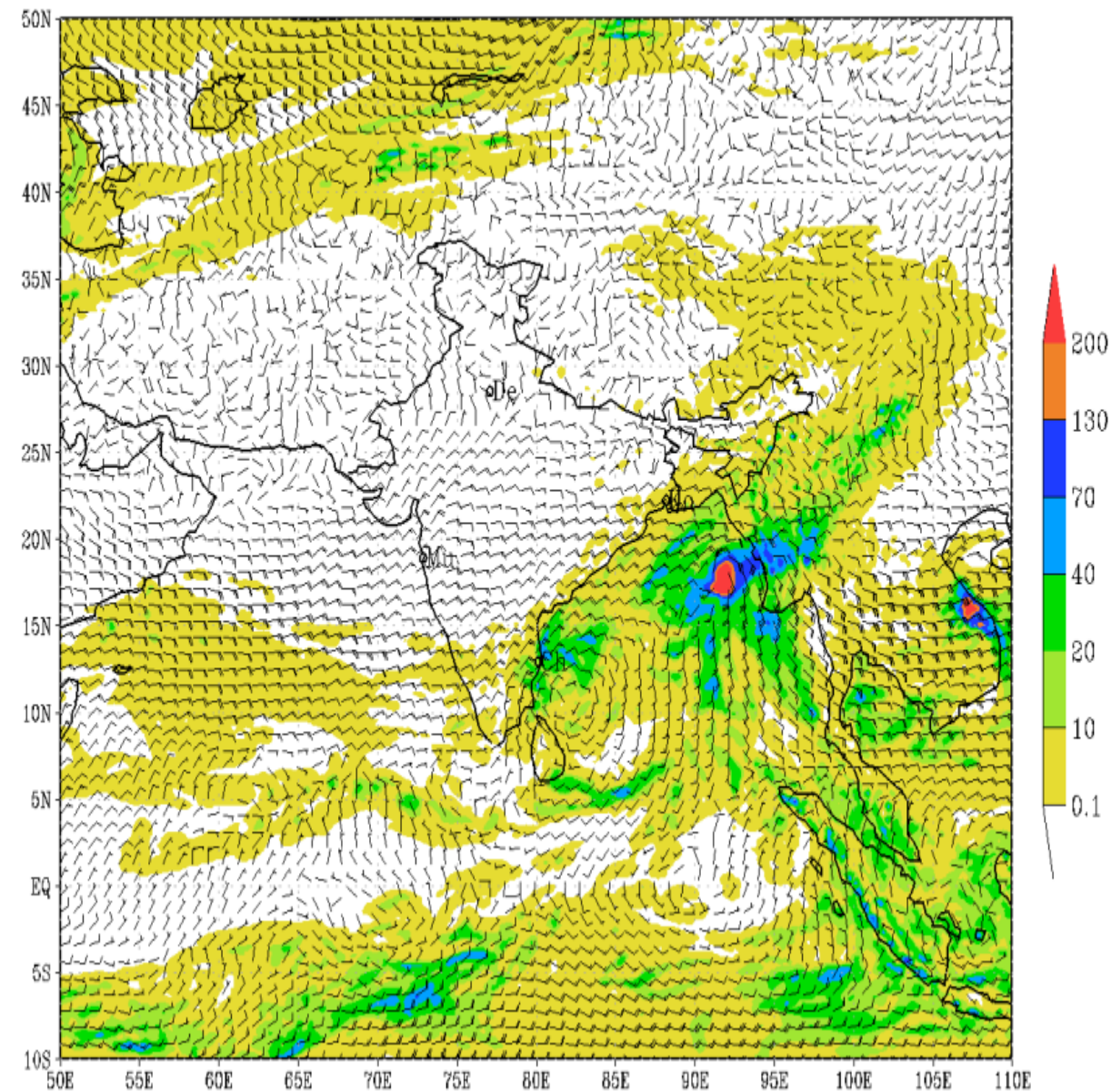
based on 00 UTC of 07-11-2024 valid for 00 UTC of 07-11-2024



(Background does not depict political boundary)

# IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (168 HR)

based on 00 UTC of 31-10-2024 valid for 03 UTC of 07-11-2024

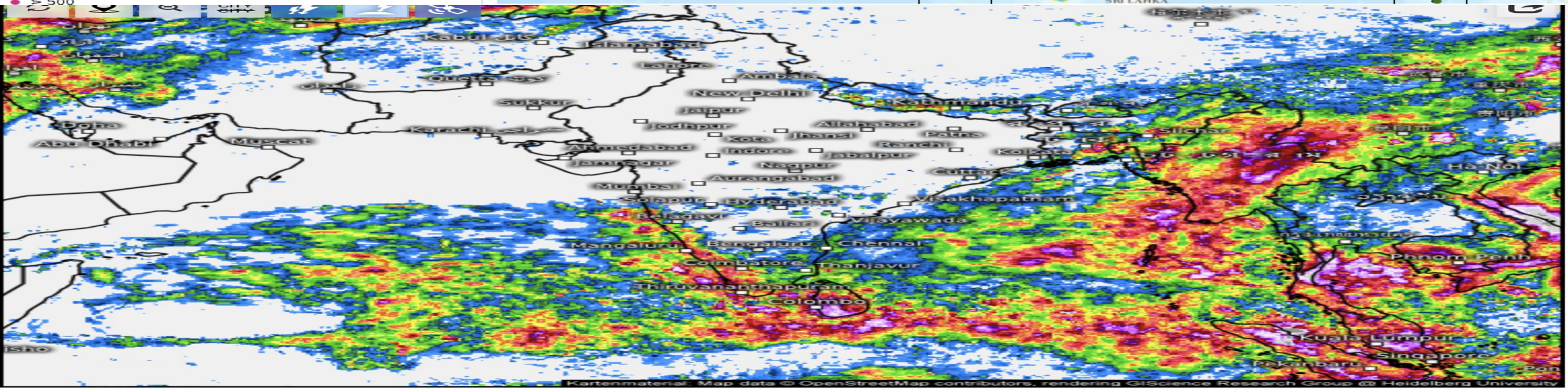
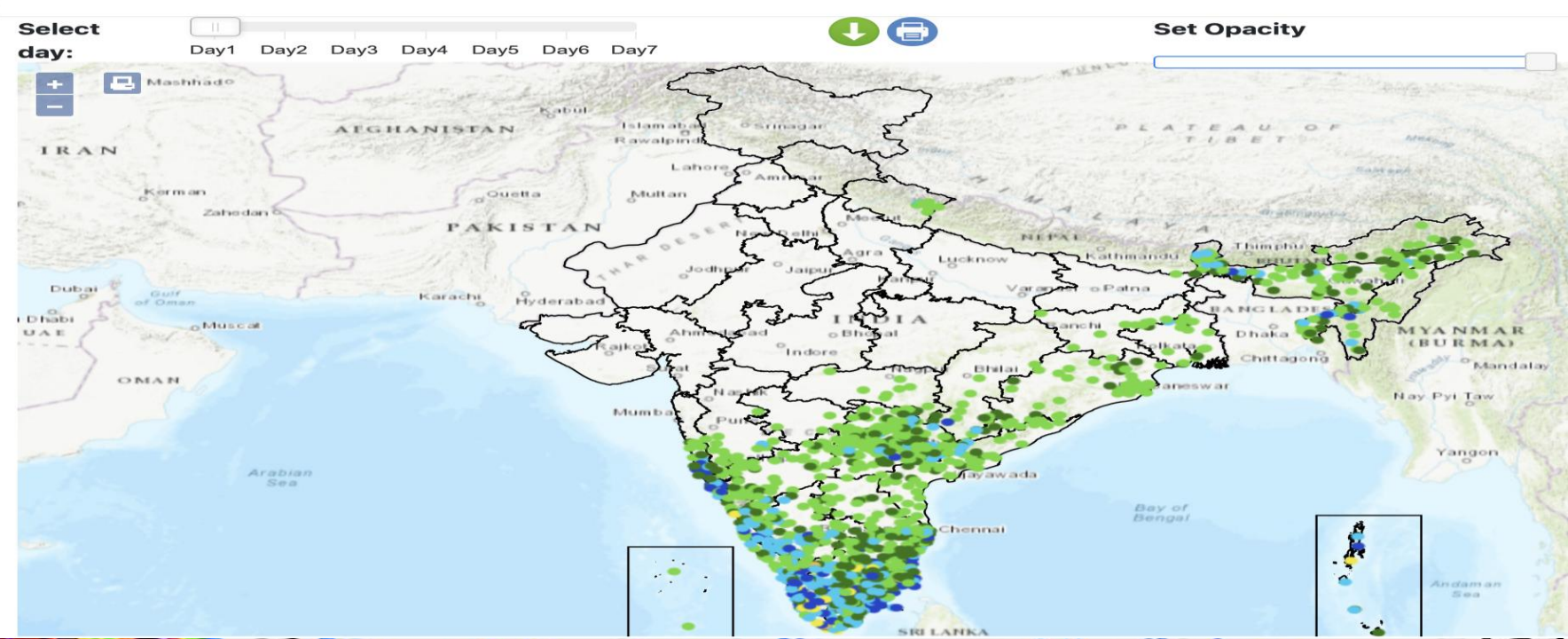


(Background does not depict political boundary)

- Day 2 (08:30 IST 05/11/2024 - 08:30 IST 07/11/2024)
- ☐ Day 3 (08:30 IST 04/11/2024 - 08:30 IST 07/11/2024)
- ☐ Day 4 (08:30 IST 03/11/2024 - 08:30 IST 07/11/2024)
- ☐ Day 5 (08:30 IST 02/11/2024 - 08:30 IST 07/11/2024)
- ☐ Day 6 (08:30 IST 01/11/2024 - 08:30 IST 07/11/2024)
- ☒ Day 7 (08:30 IST 31/10/2024 - 08:30 IST 07/11/2024)

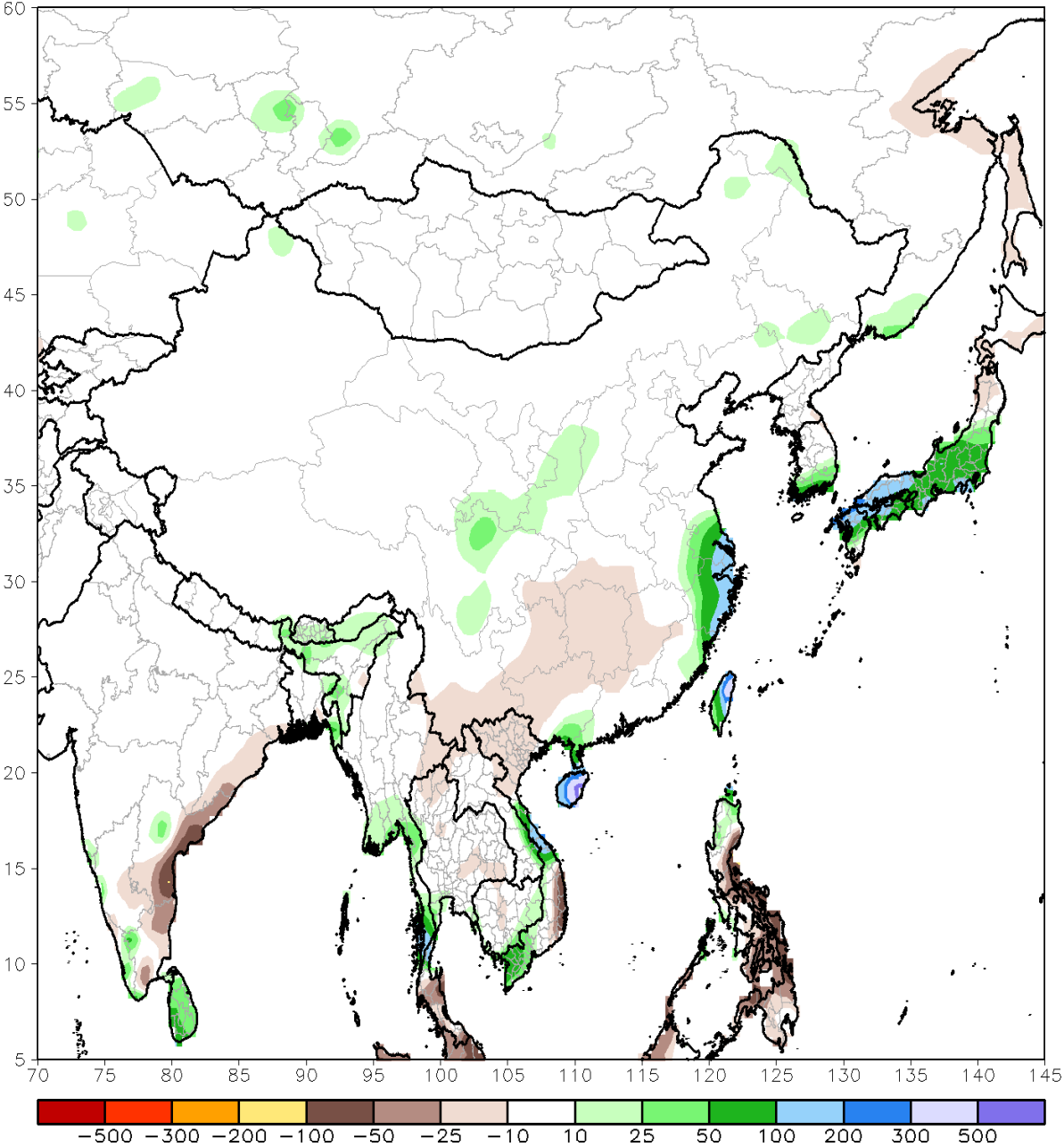
**Legend: (Rainfall in mm)**

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



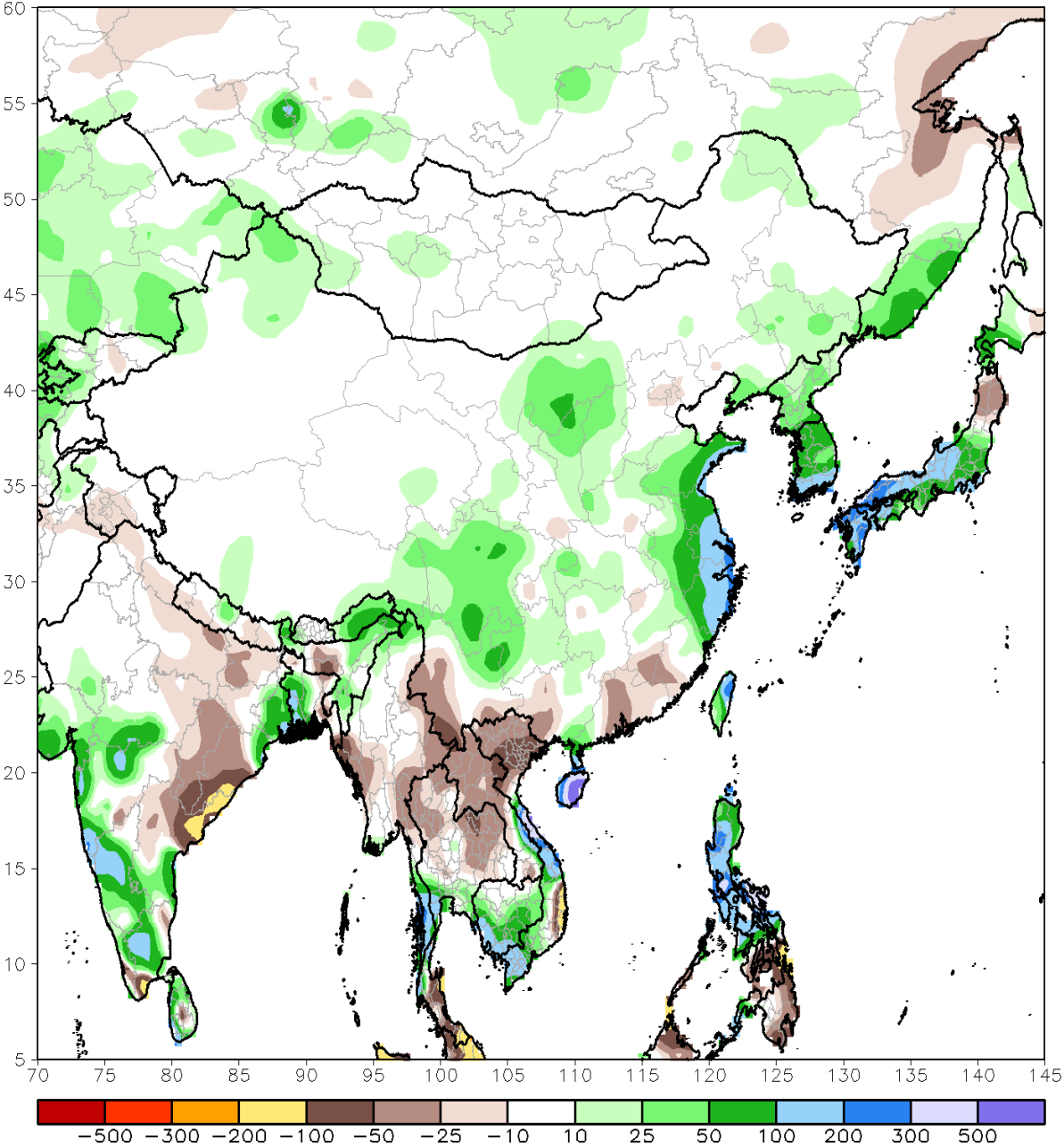
CPC Unified Gauge 7-Day Total Rainfall Anomaly (mm)

Period: 29Oct2024 - 04Nov2024

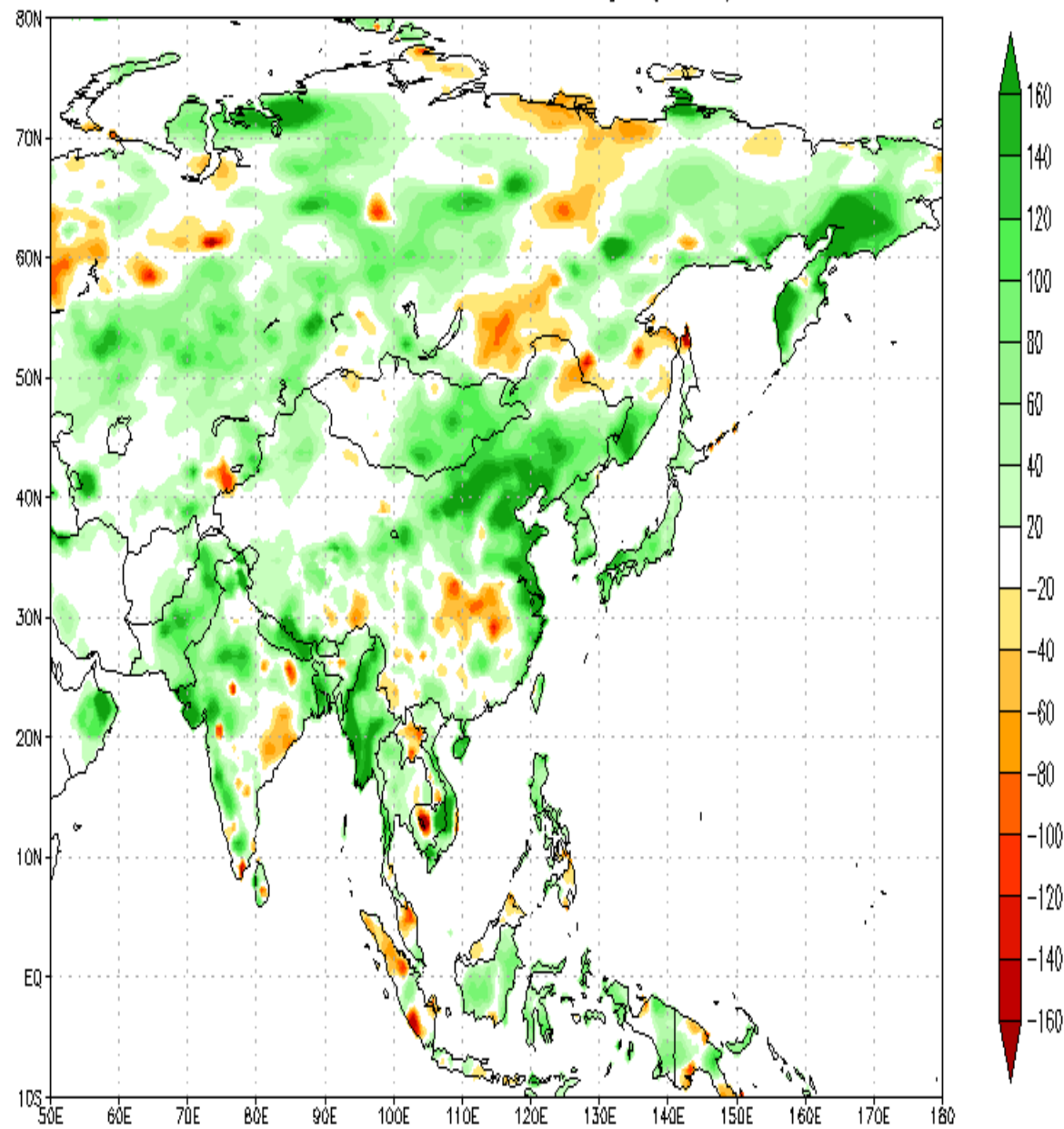


CPC Unified Gauge 30-Day Total Rainfall Anomaly (mm)

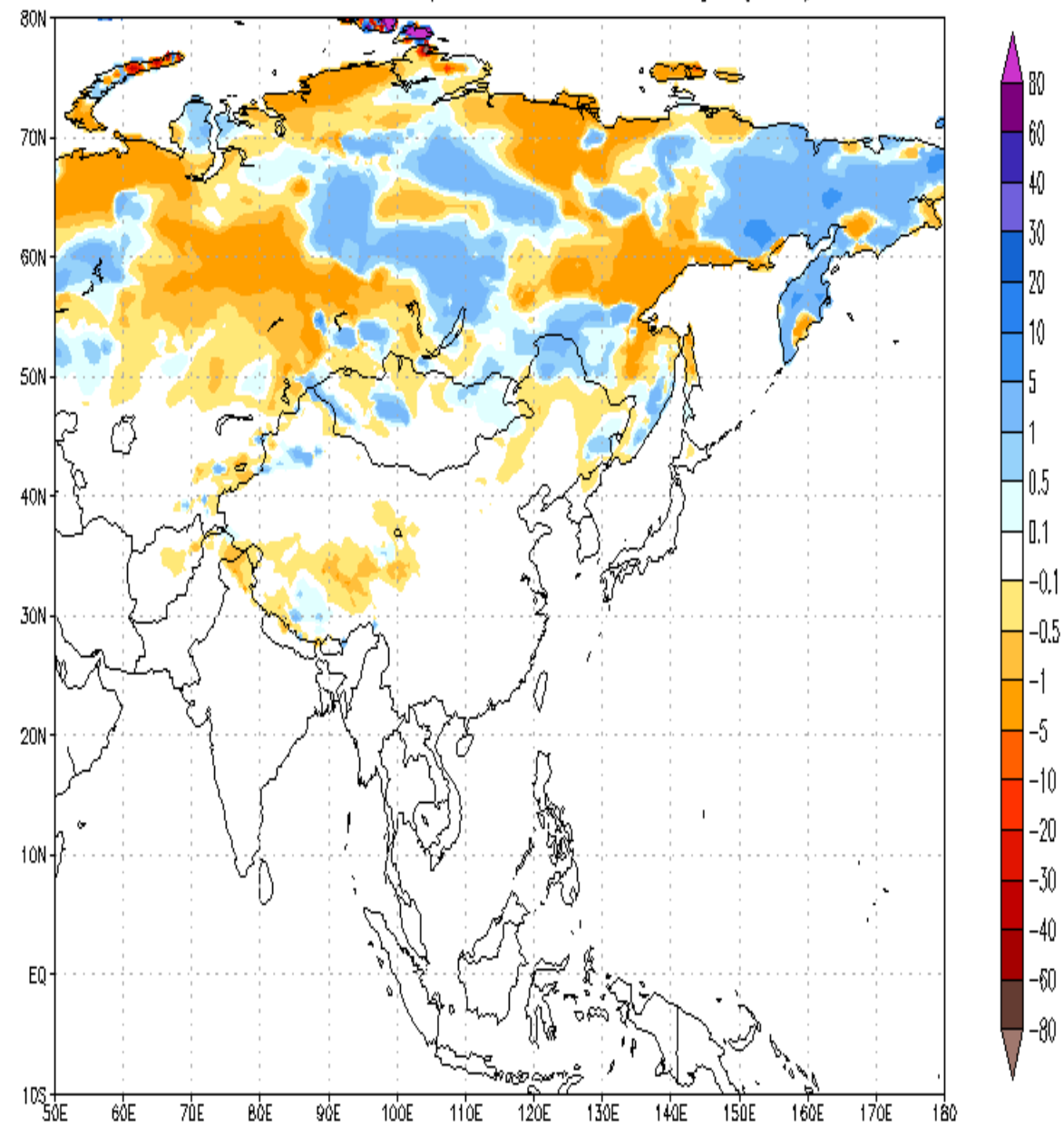
Period: 06Oct2024 - 04Nov2024

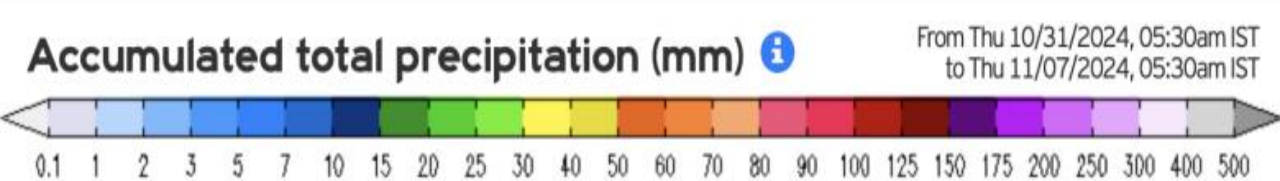
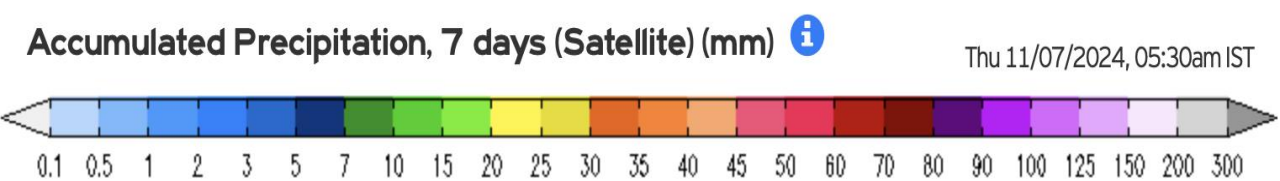
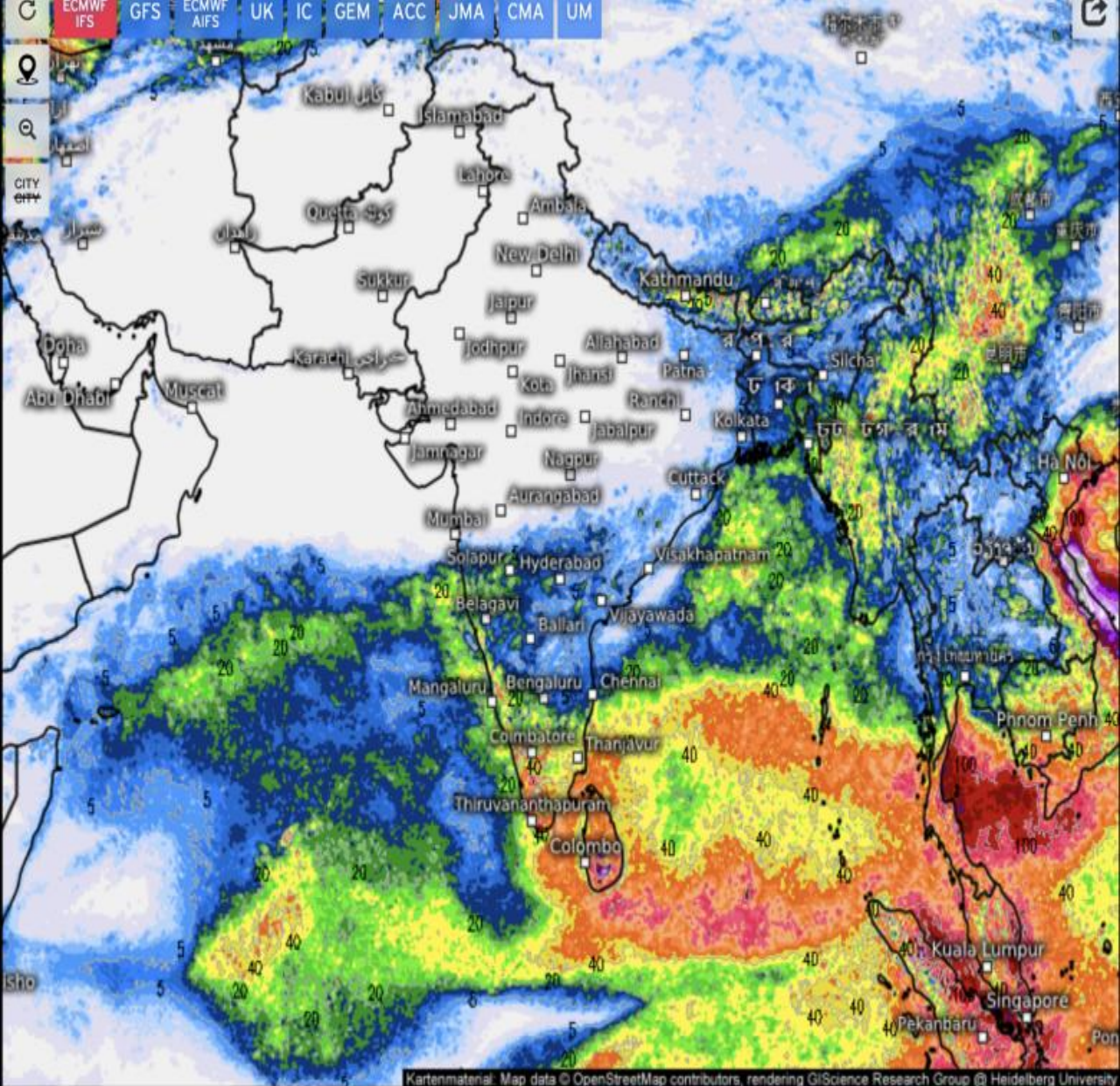
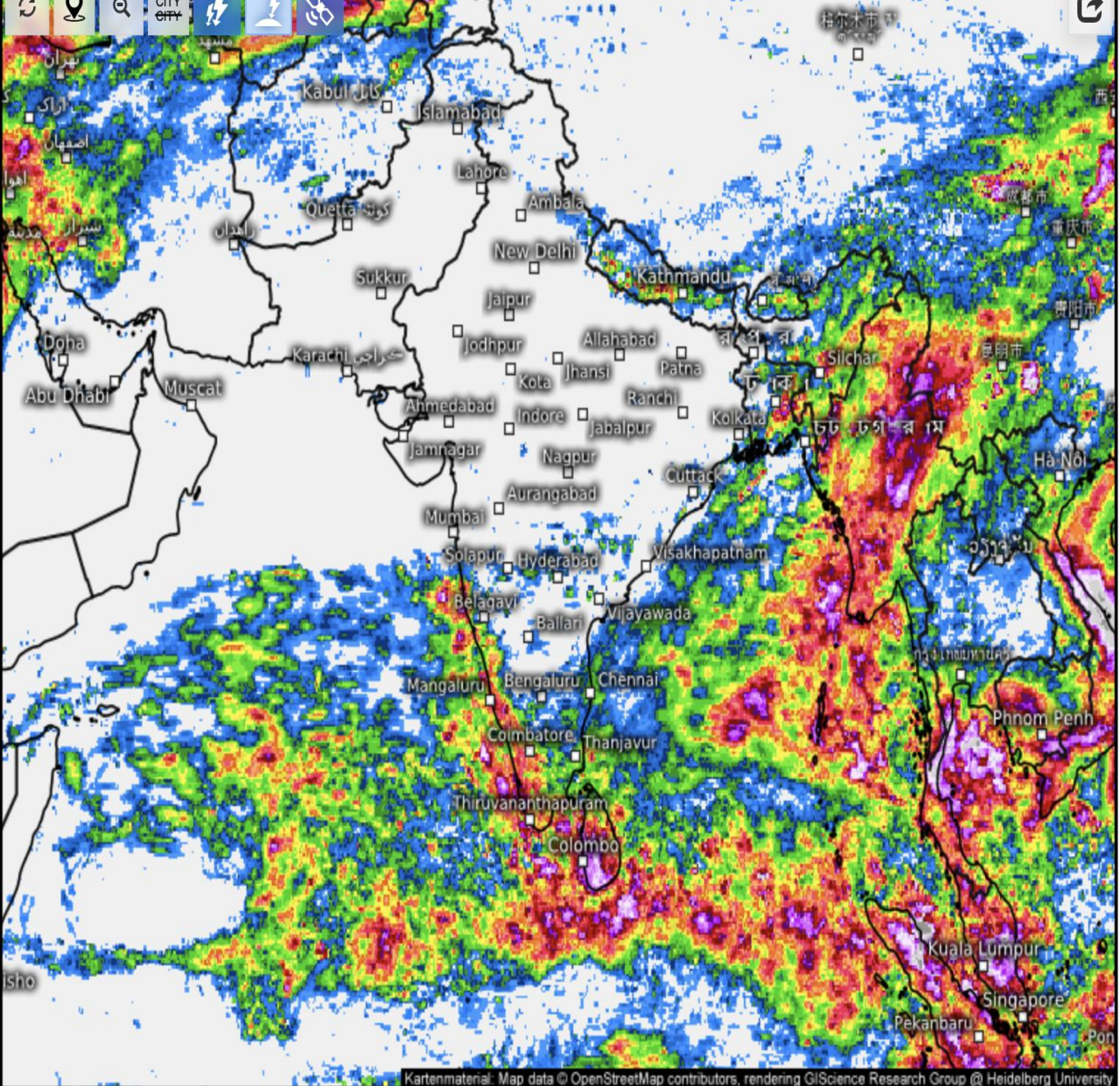


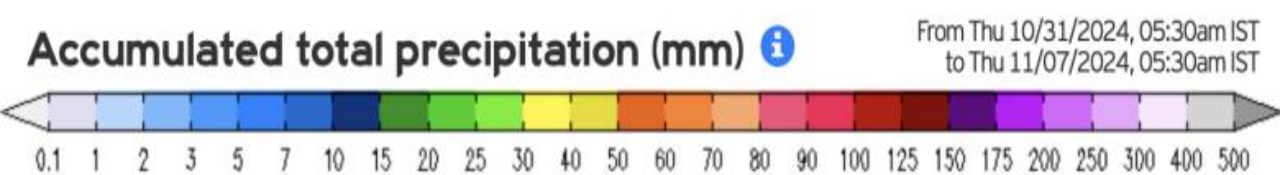
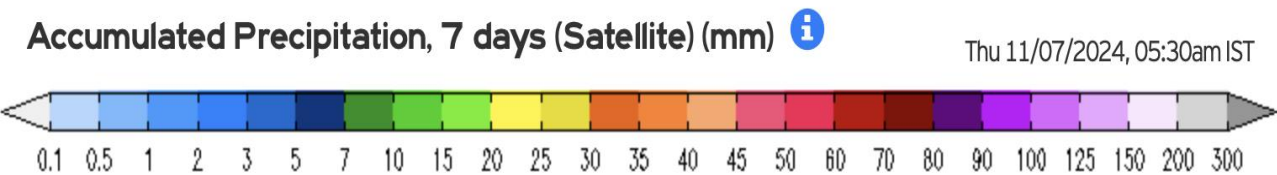
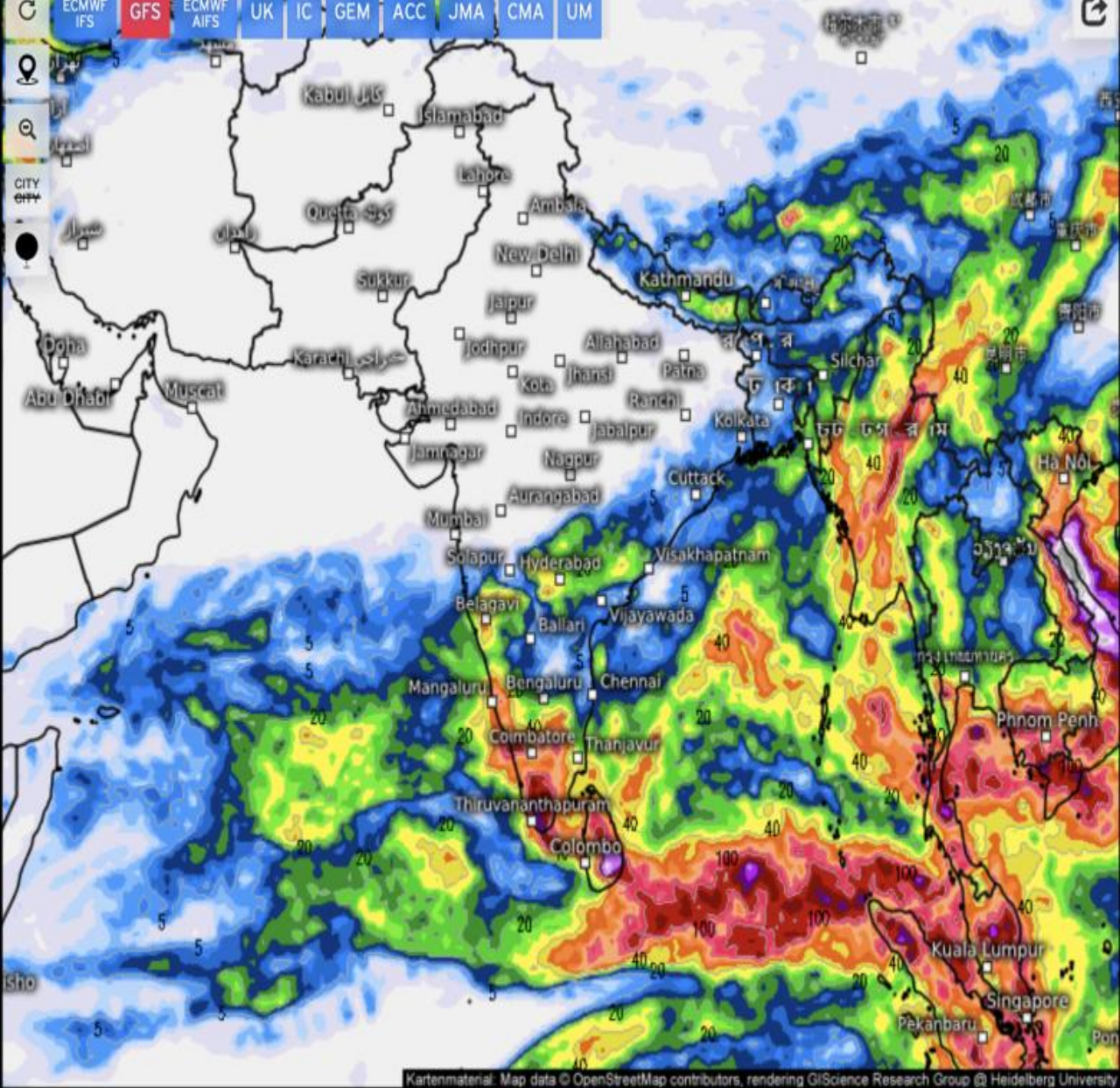
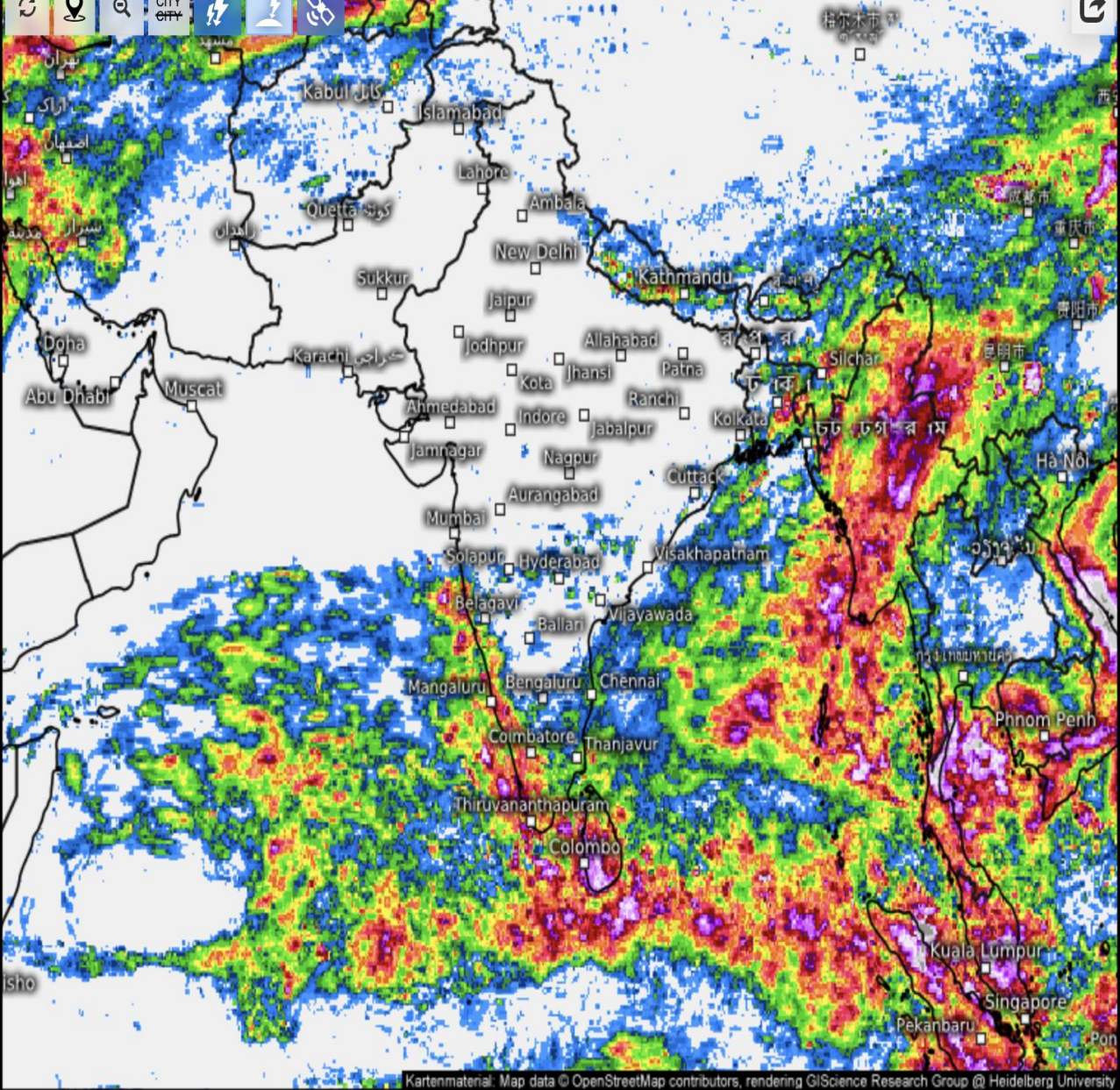
Calculated Soil Moisture Anomaly (mm) 20241105

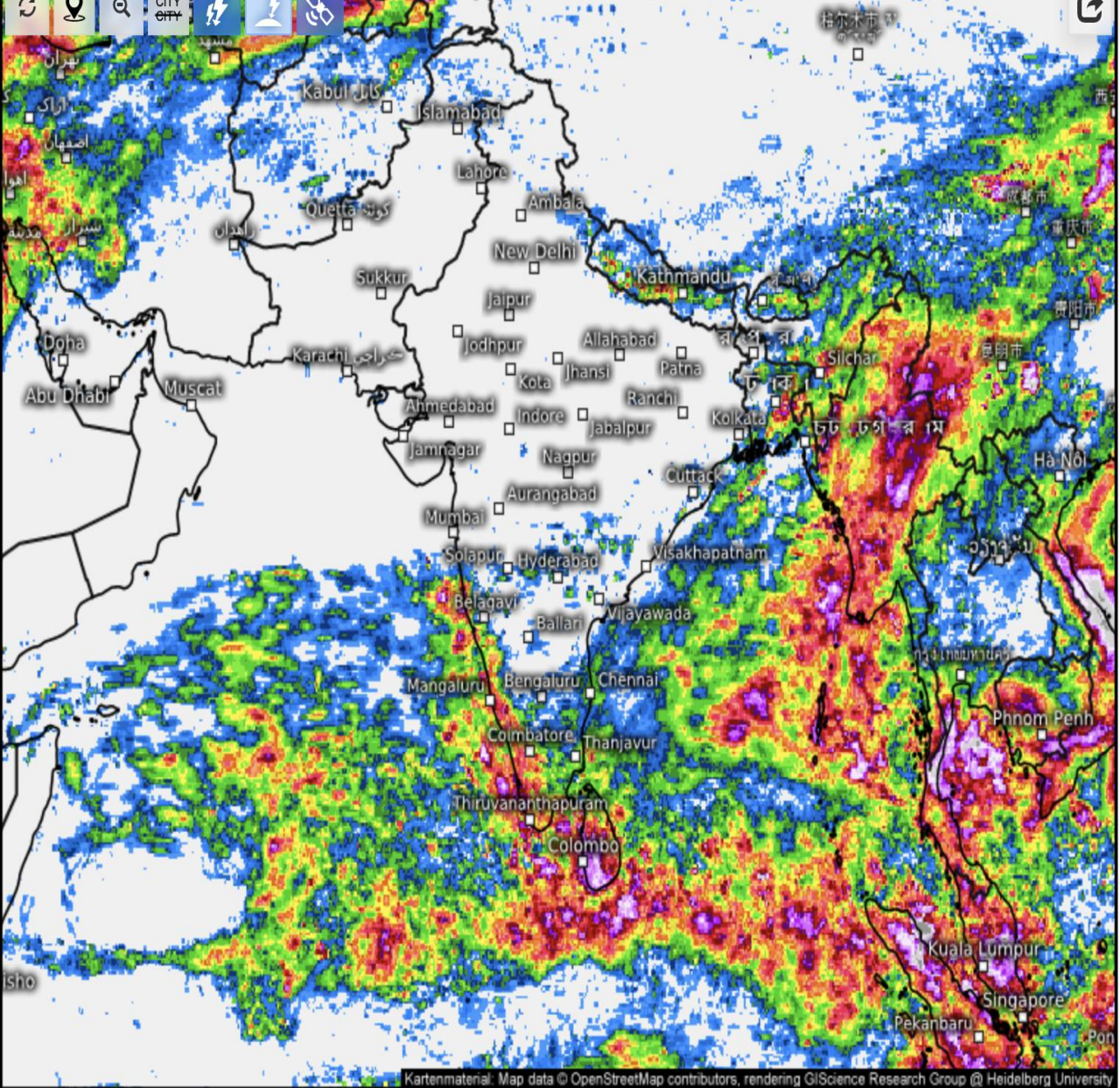


Calculated Snow Water Equivalent Anomaly (cm) 20241105

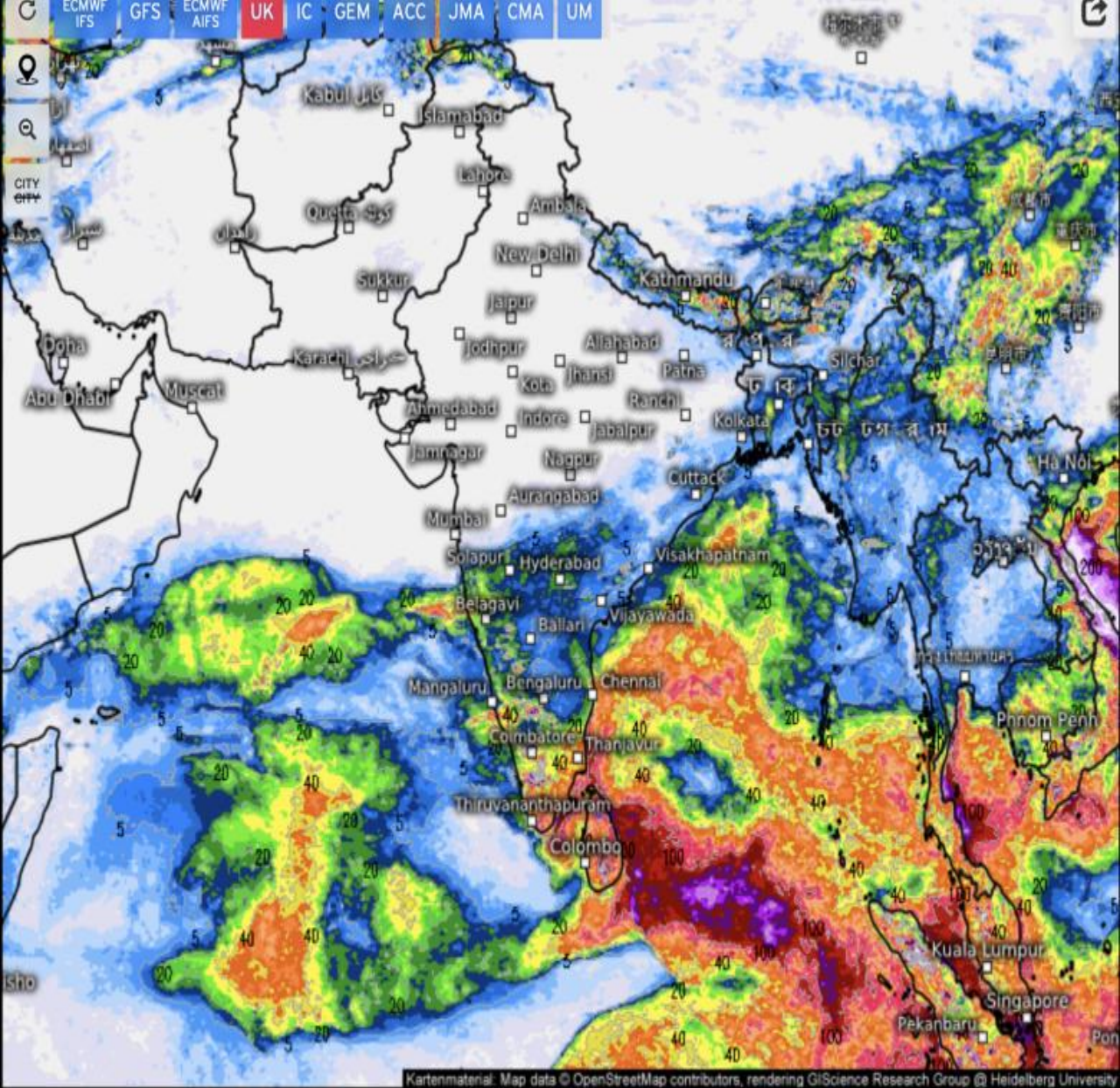




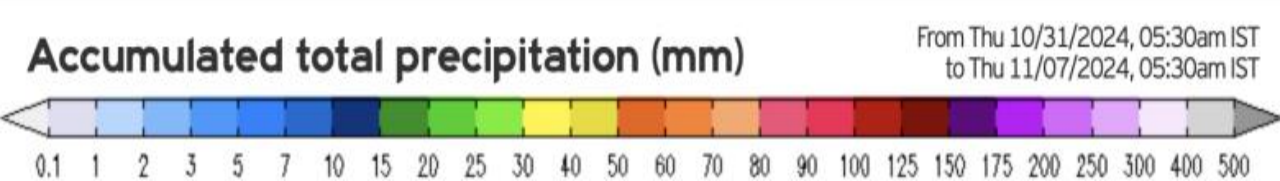
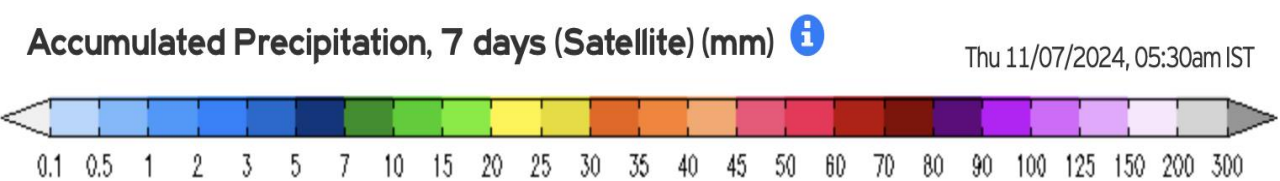


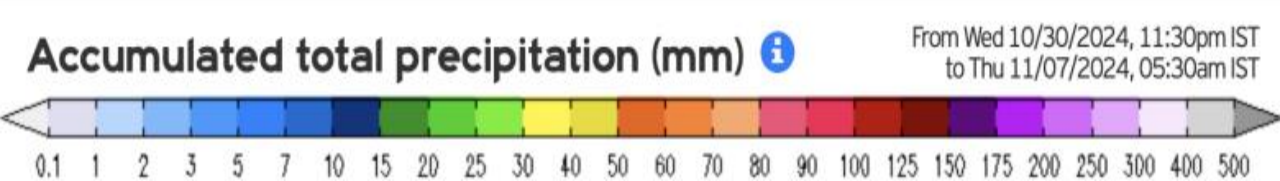
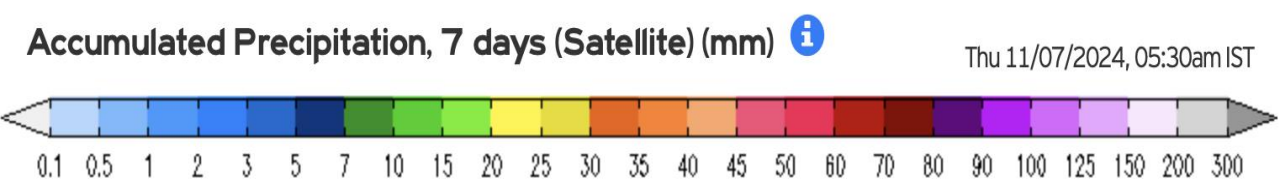
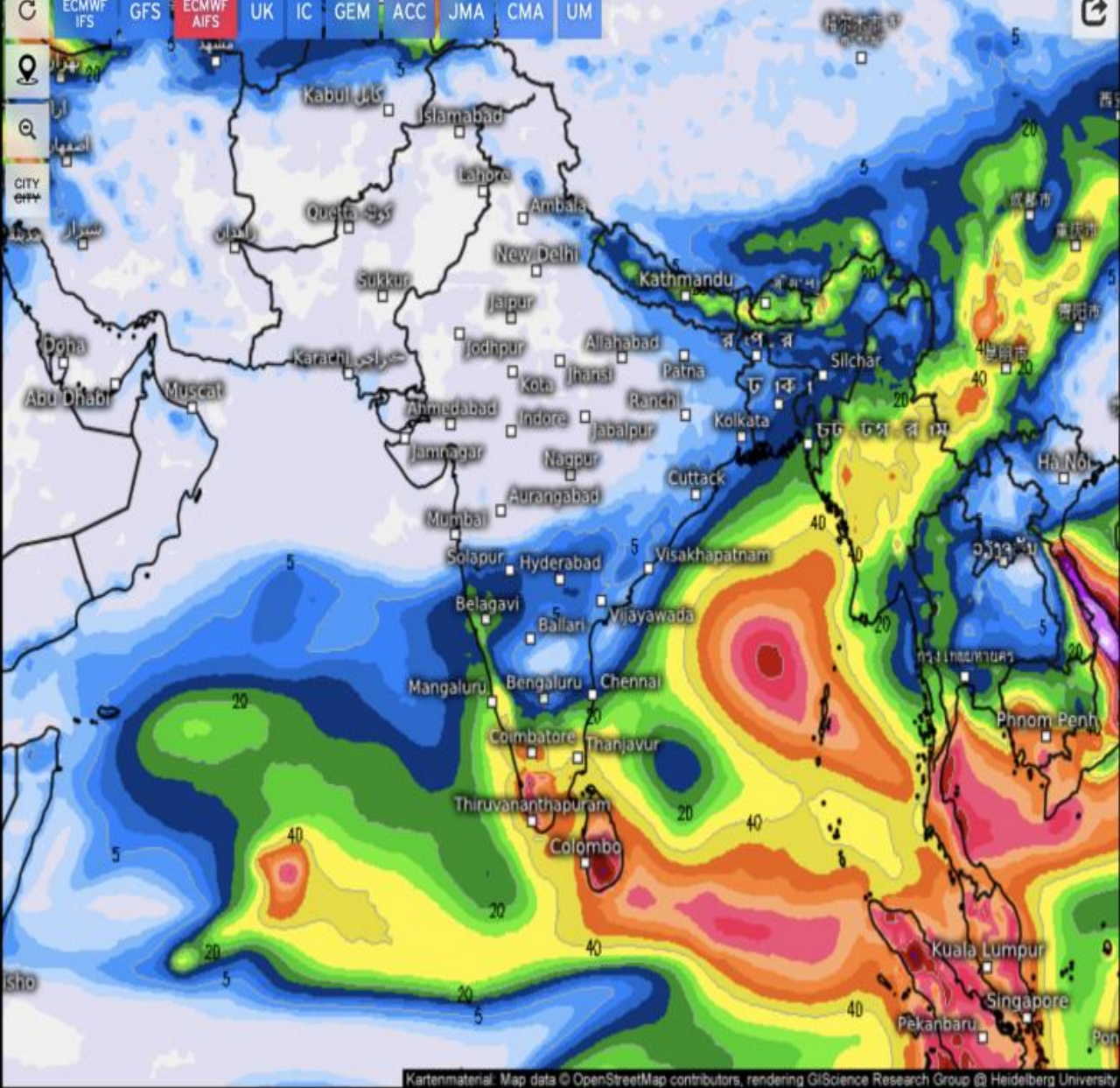
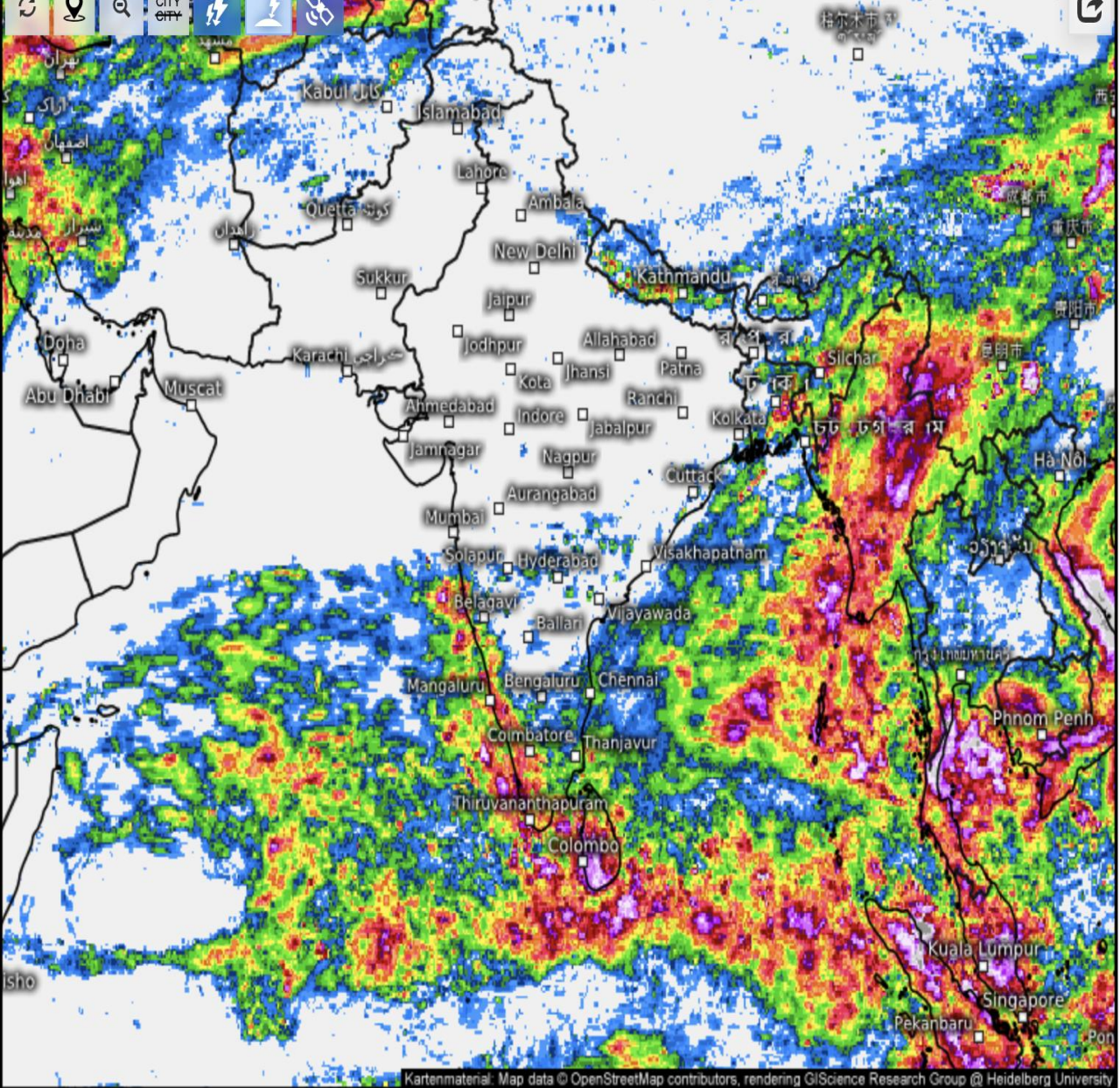


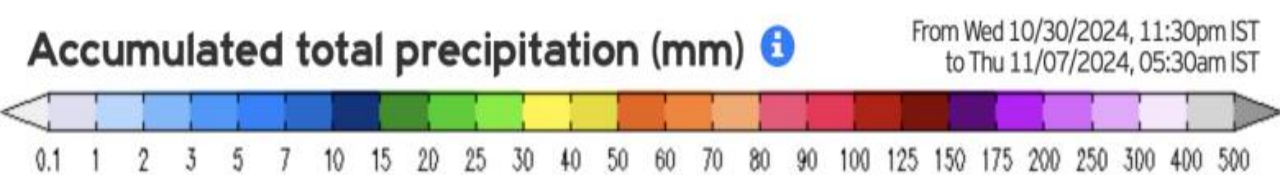
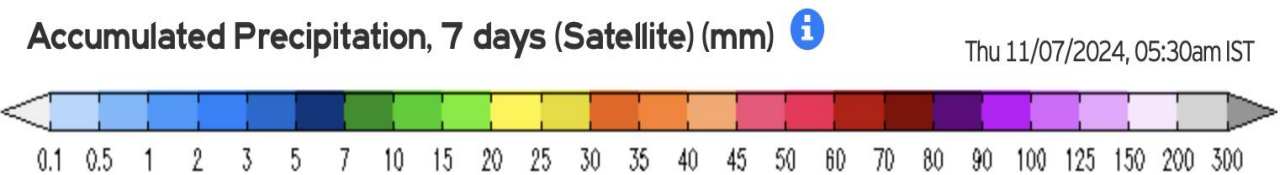
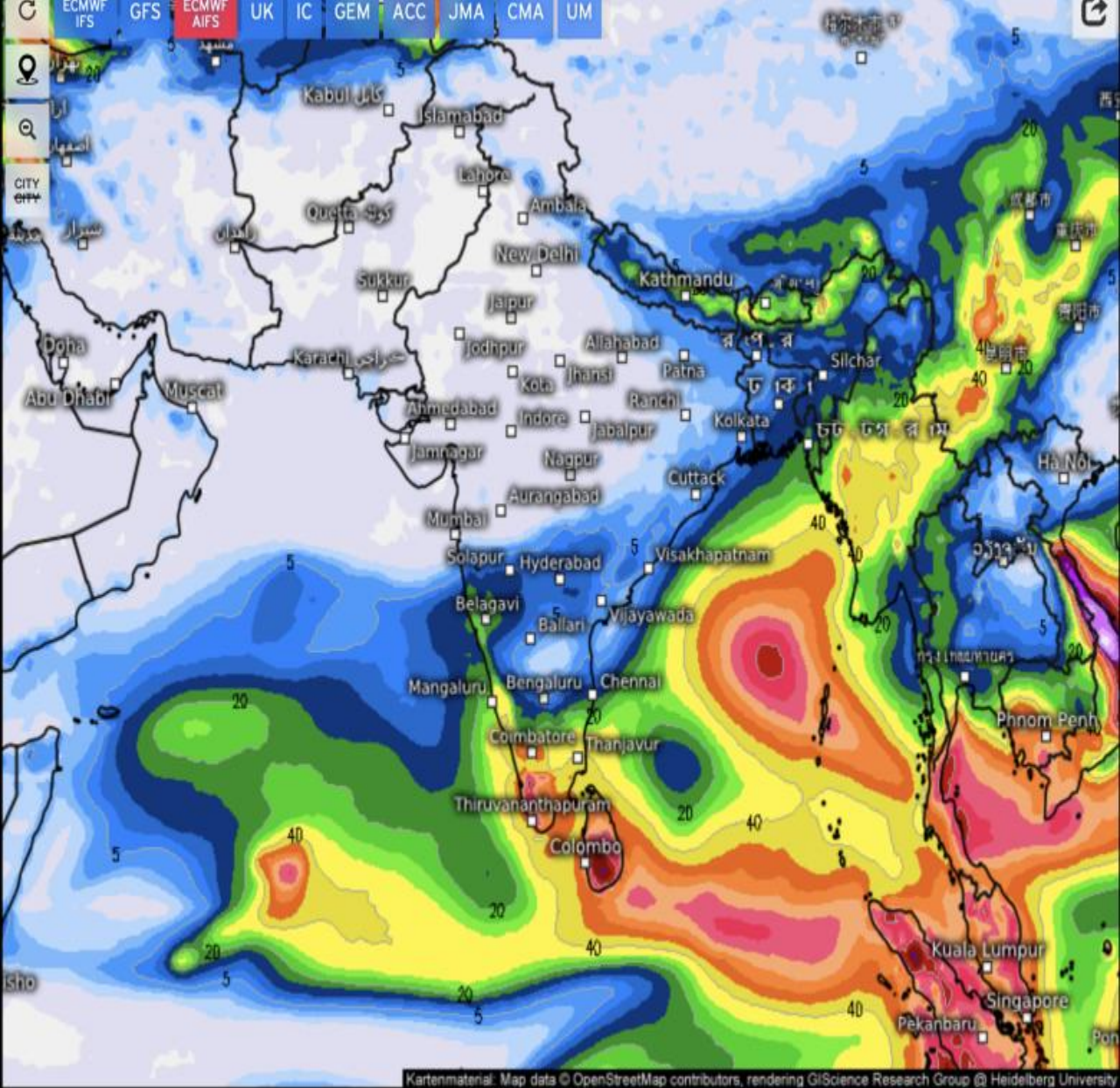
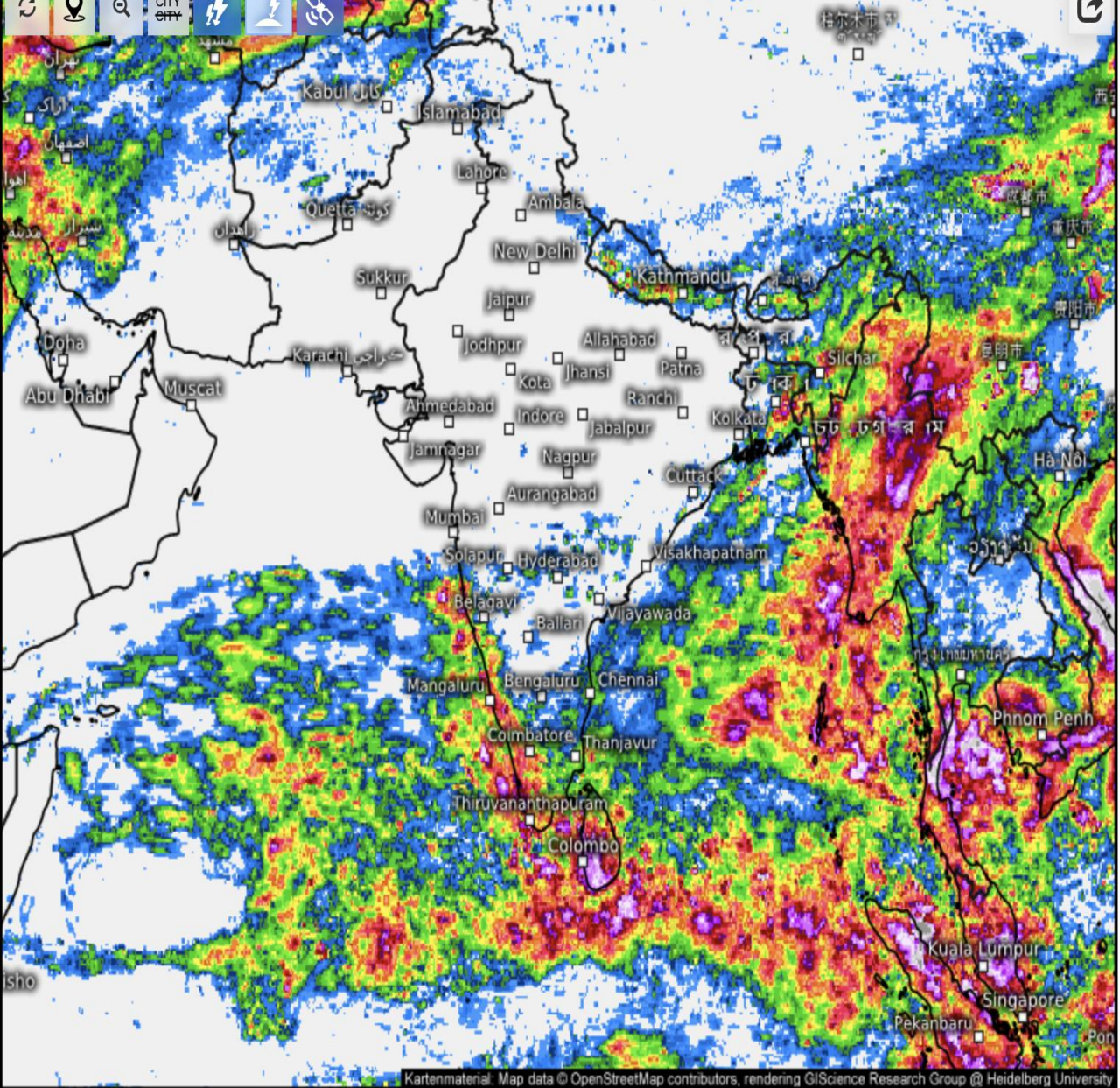
Kartenmaterial: Map data © OpenStreetMap contributors, rendering GISCience Research Group @ Heidelberg University

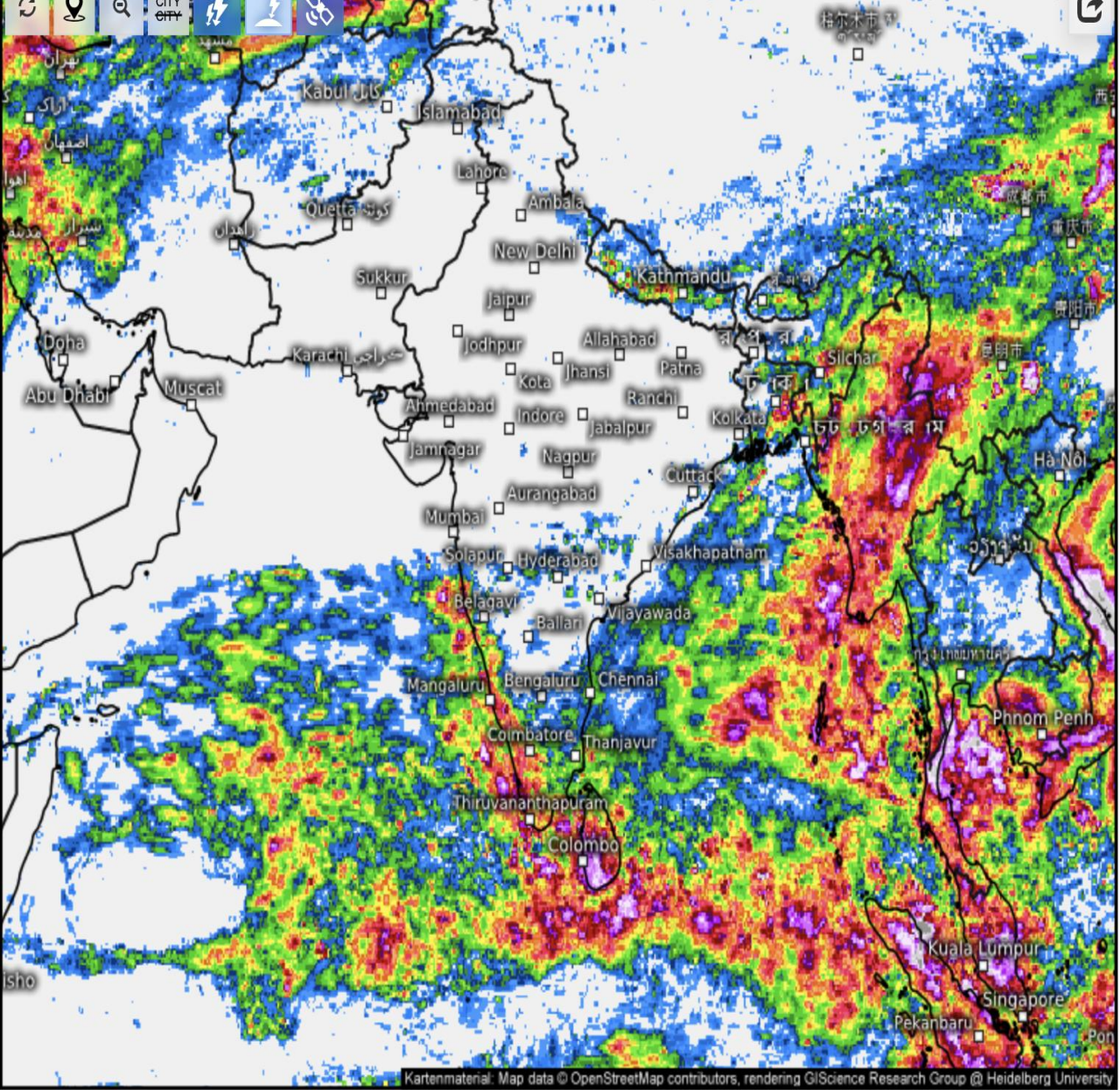


Kartenmaterial: Map data © OpenStreetMap contributors, rendering GISCience Research Group @ Heidelberg University

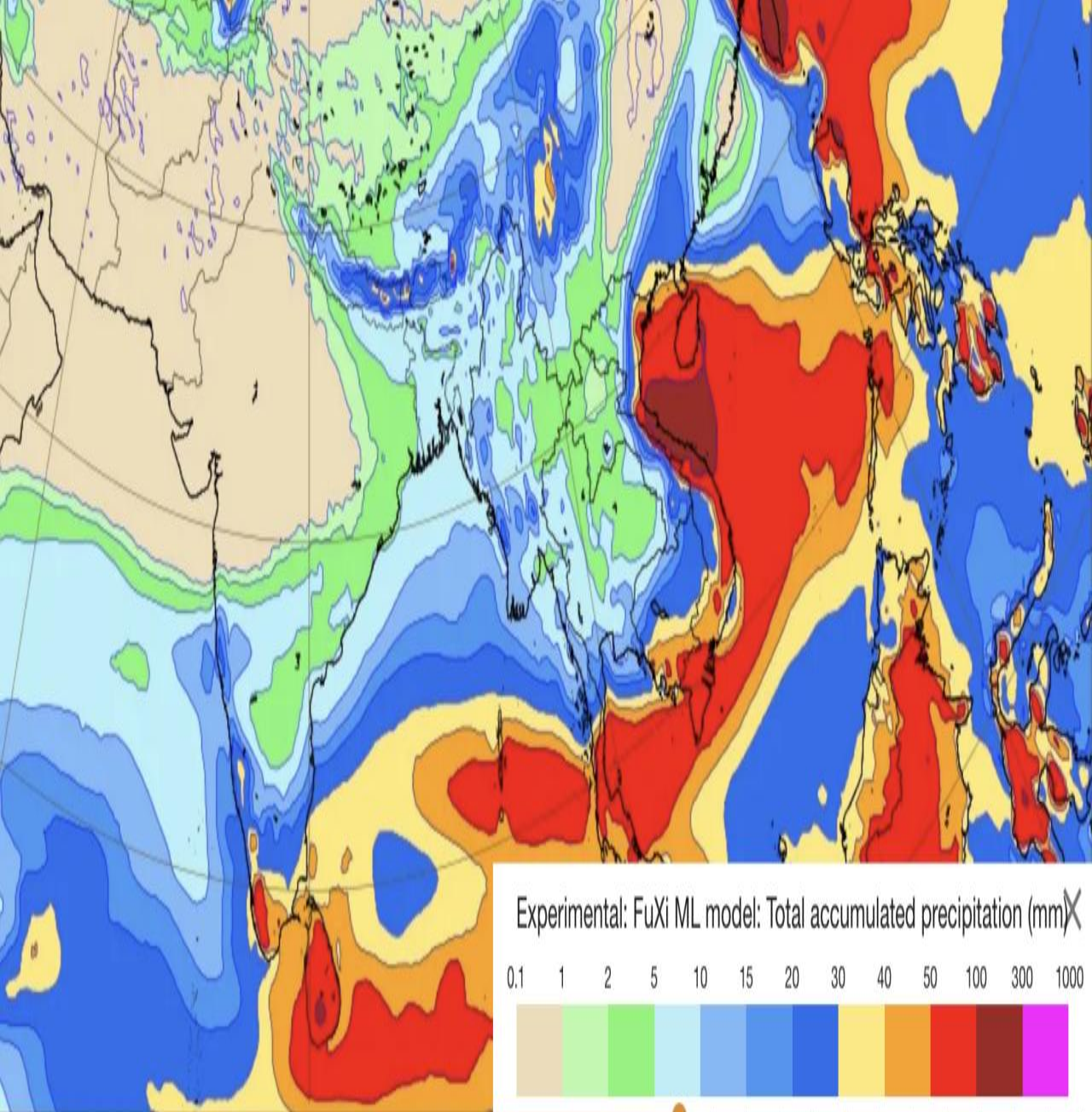
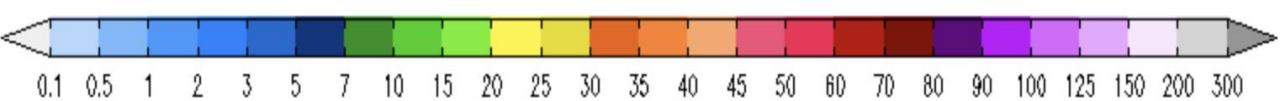






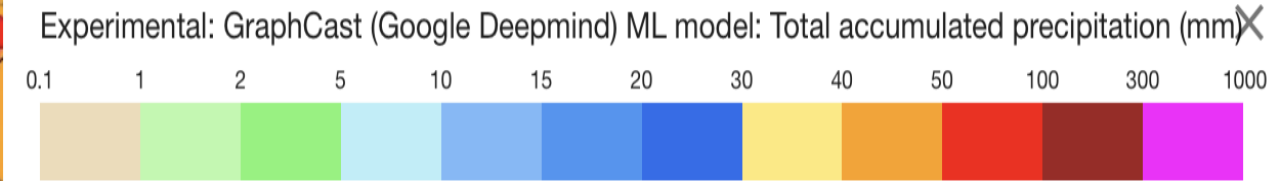
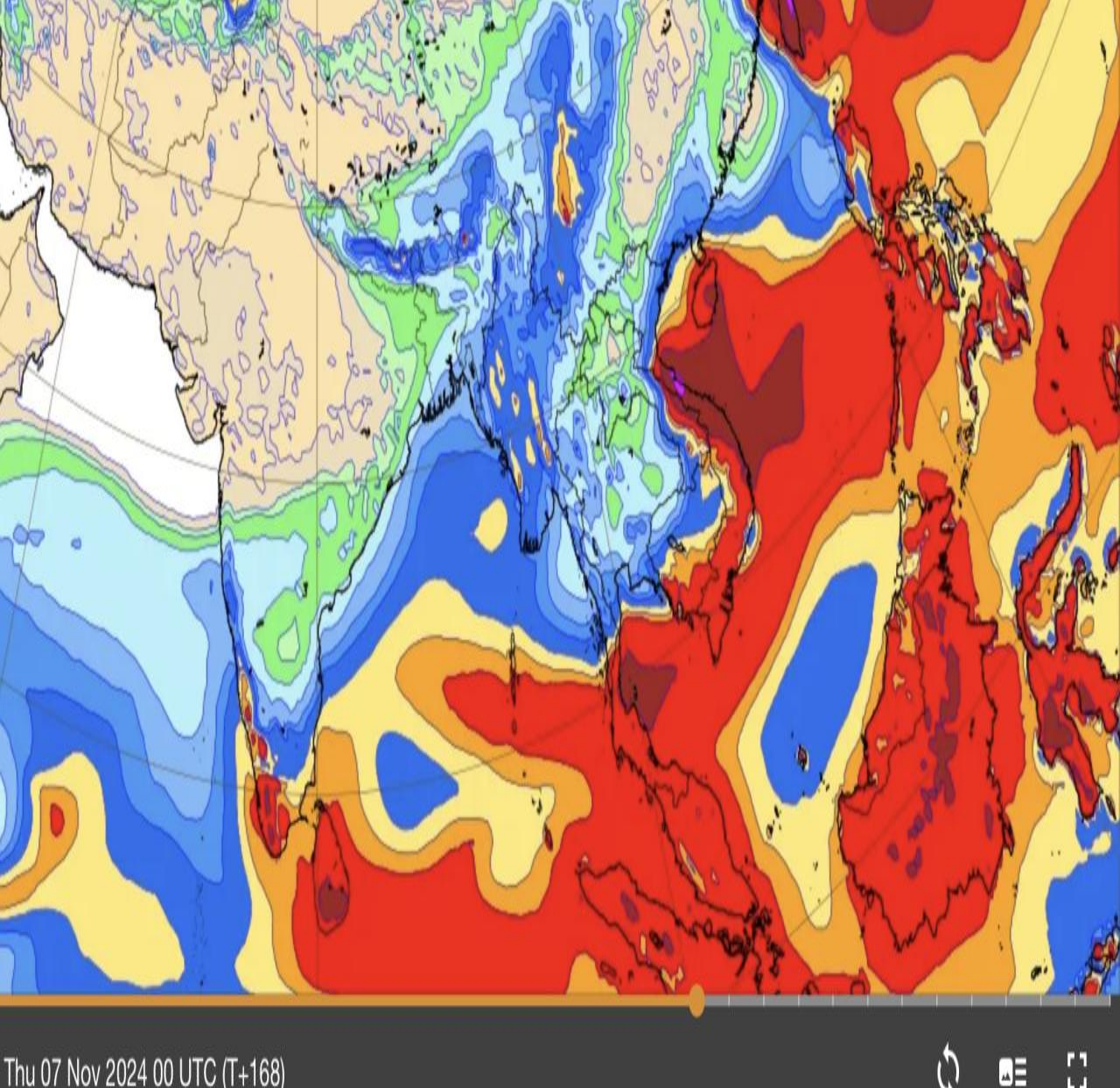
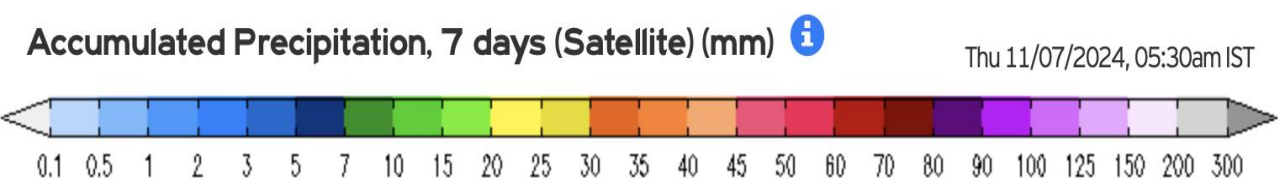
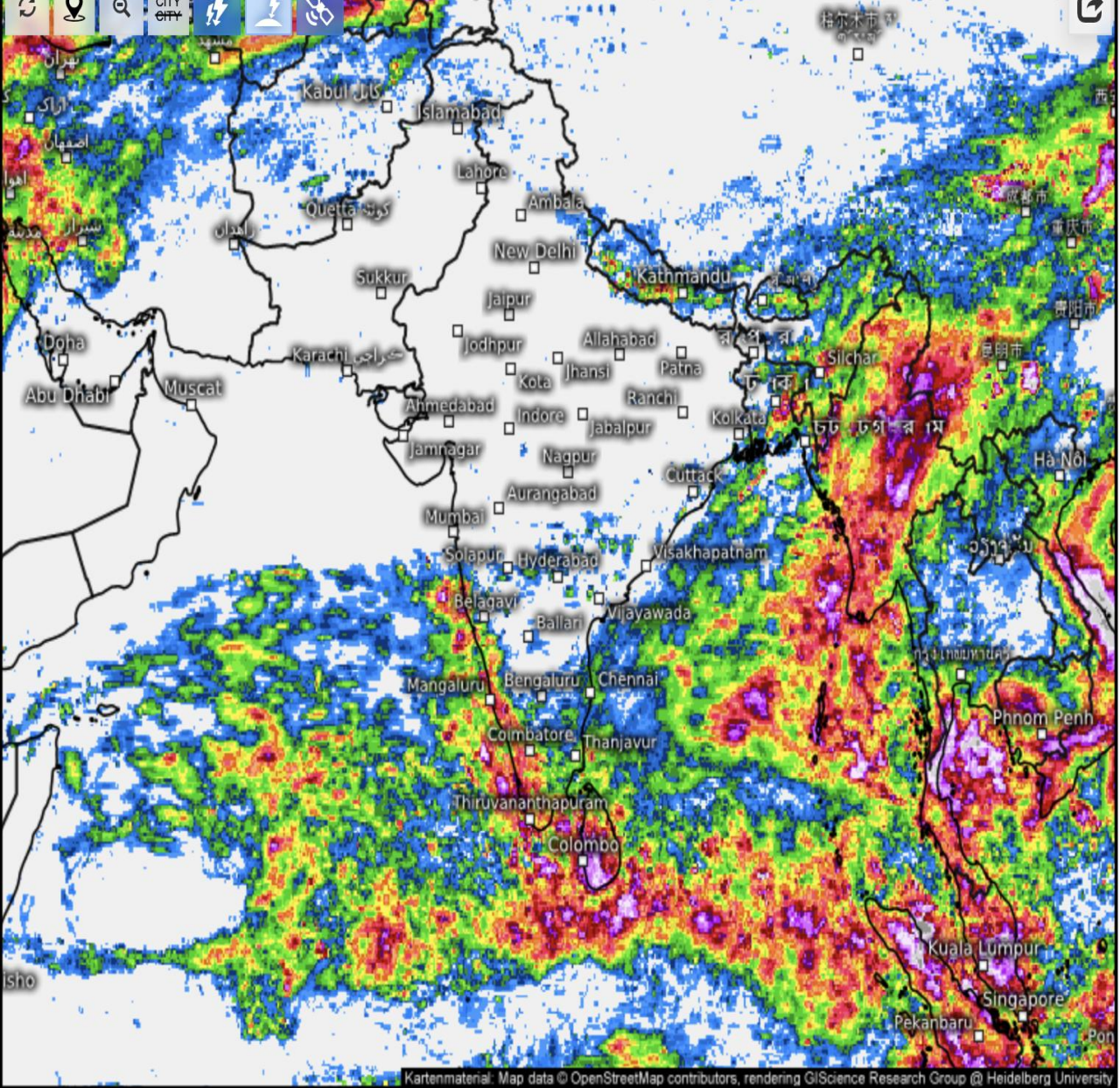


Accumulated Precipitation, 7 days (Satellite) (mm) Thu 11/07/2024, 05:30am IST

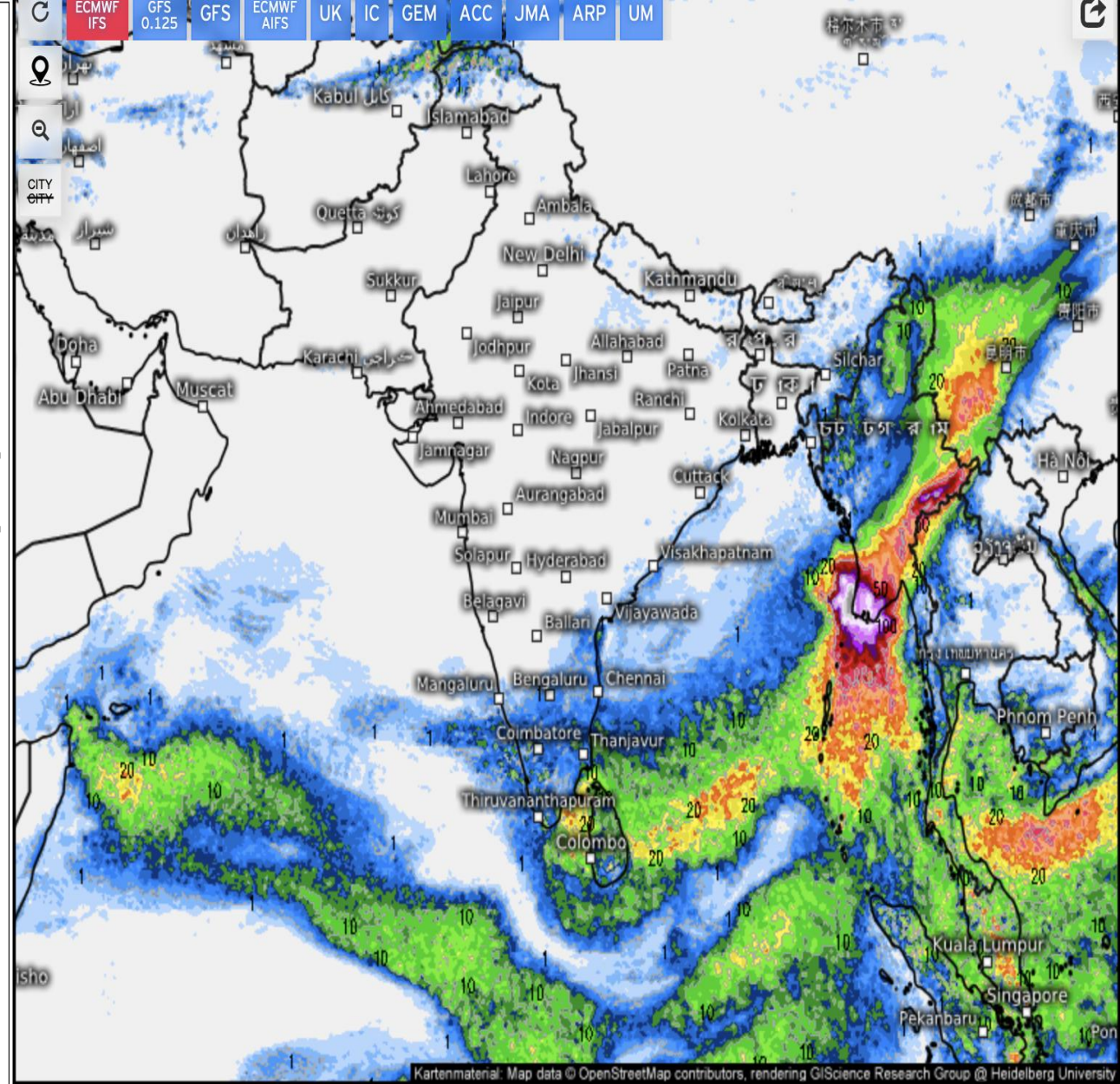
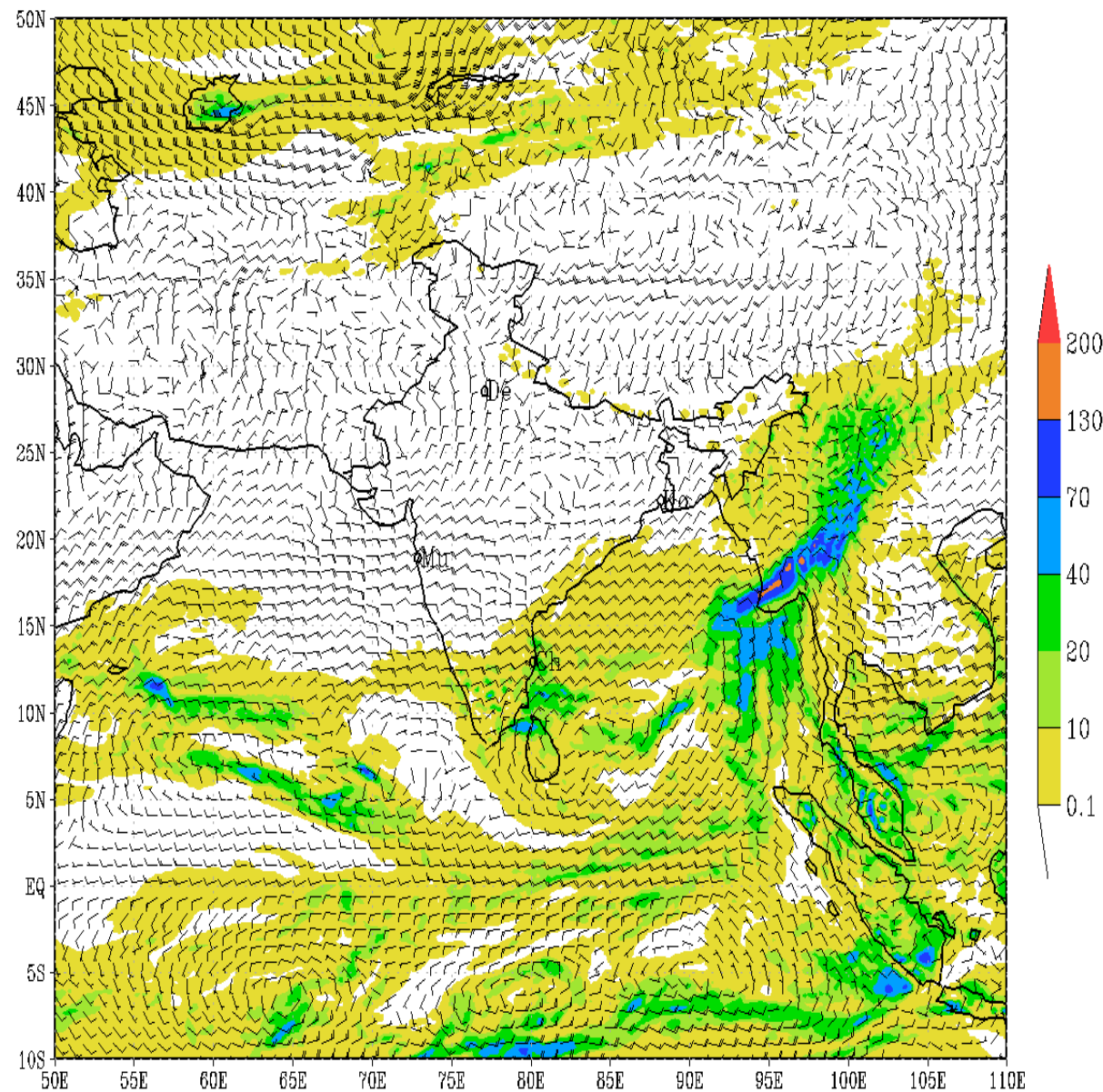


Thu 07 Nov 2024 00 UTC (T+168)





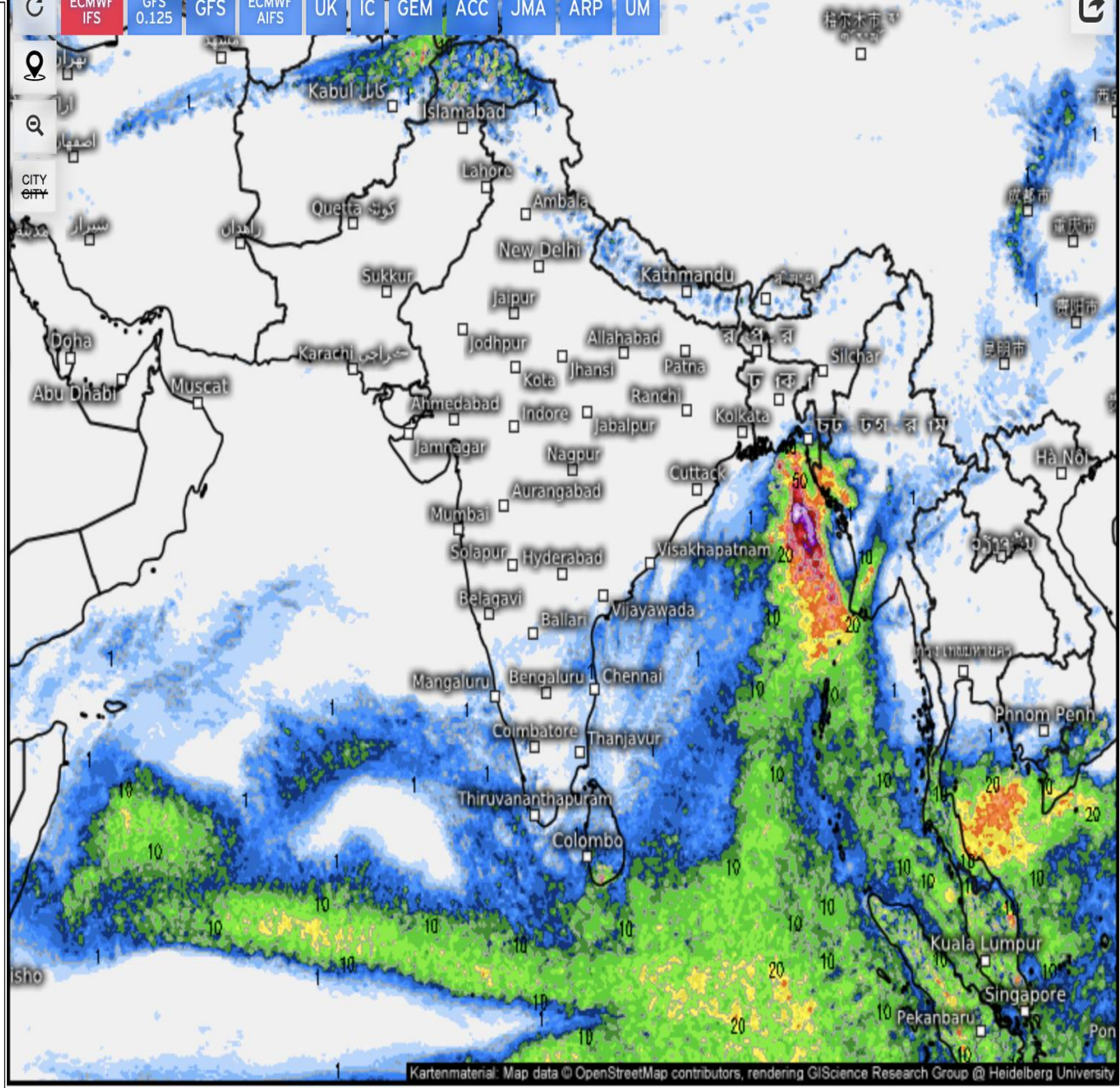
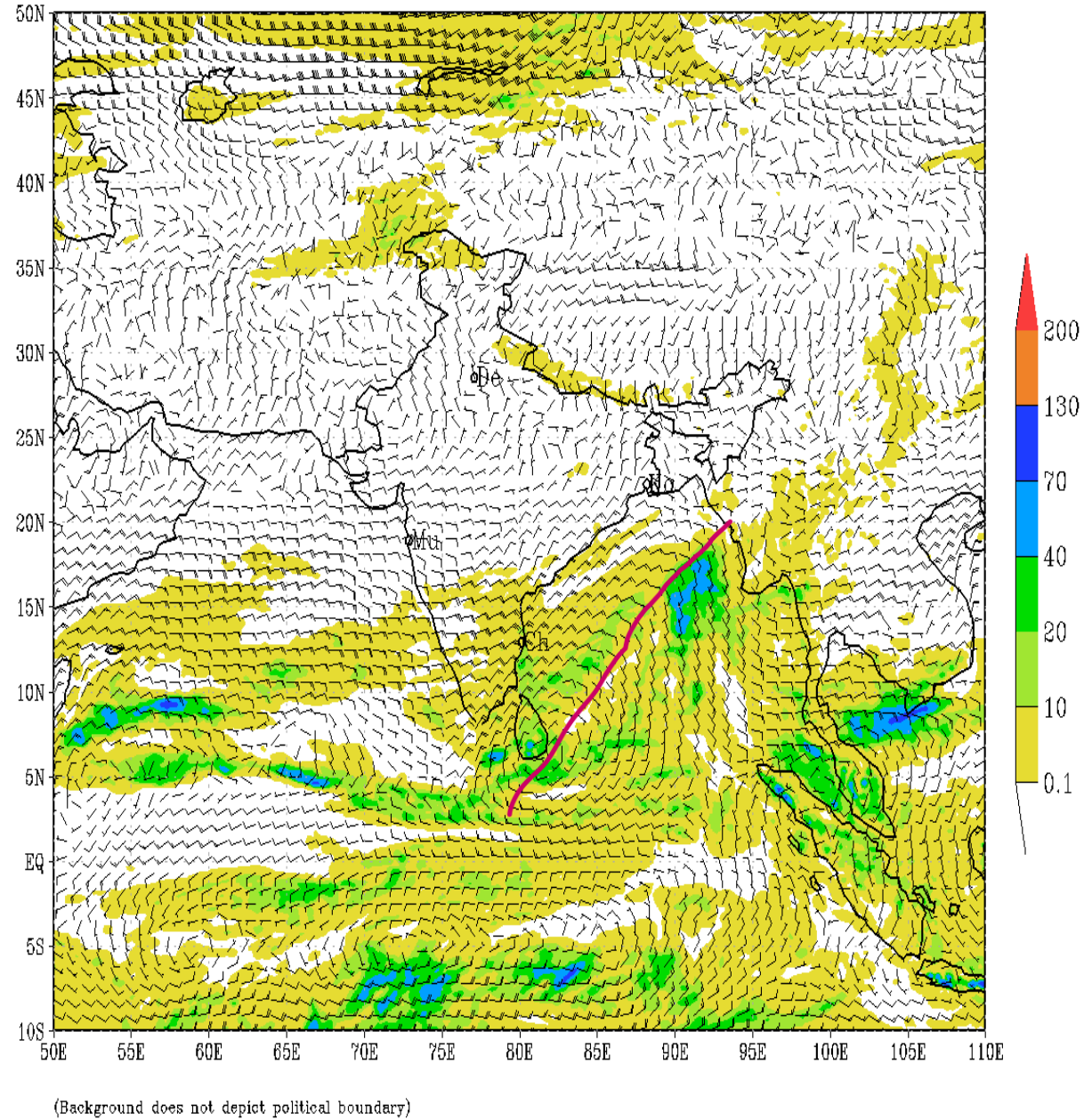
IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (24 HR)  
based on 00 UTC of 07-11-2024 valid for 03 UTC of 08-11-2024



Precipitation, 24h (mm) ⓘ

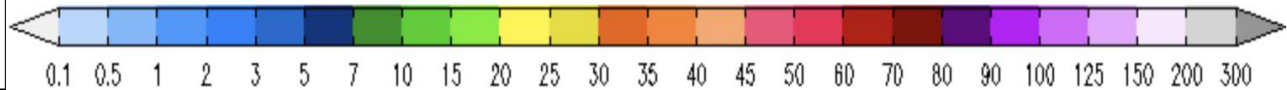
Valid for  
Fri 11/08/2024, 11:30am IST

IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (72 HR)  
based on 00 UTC of 07-11-2024 valid for 03 UTC of 10-11-2024

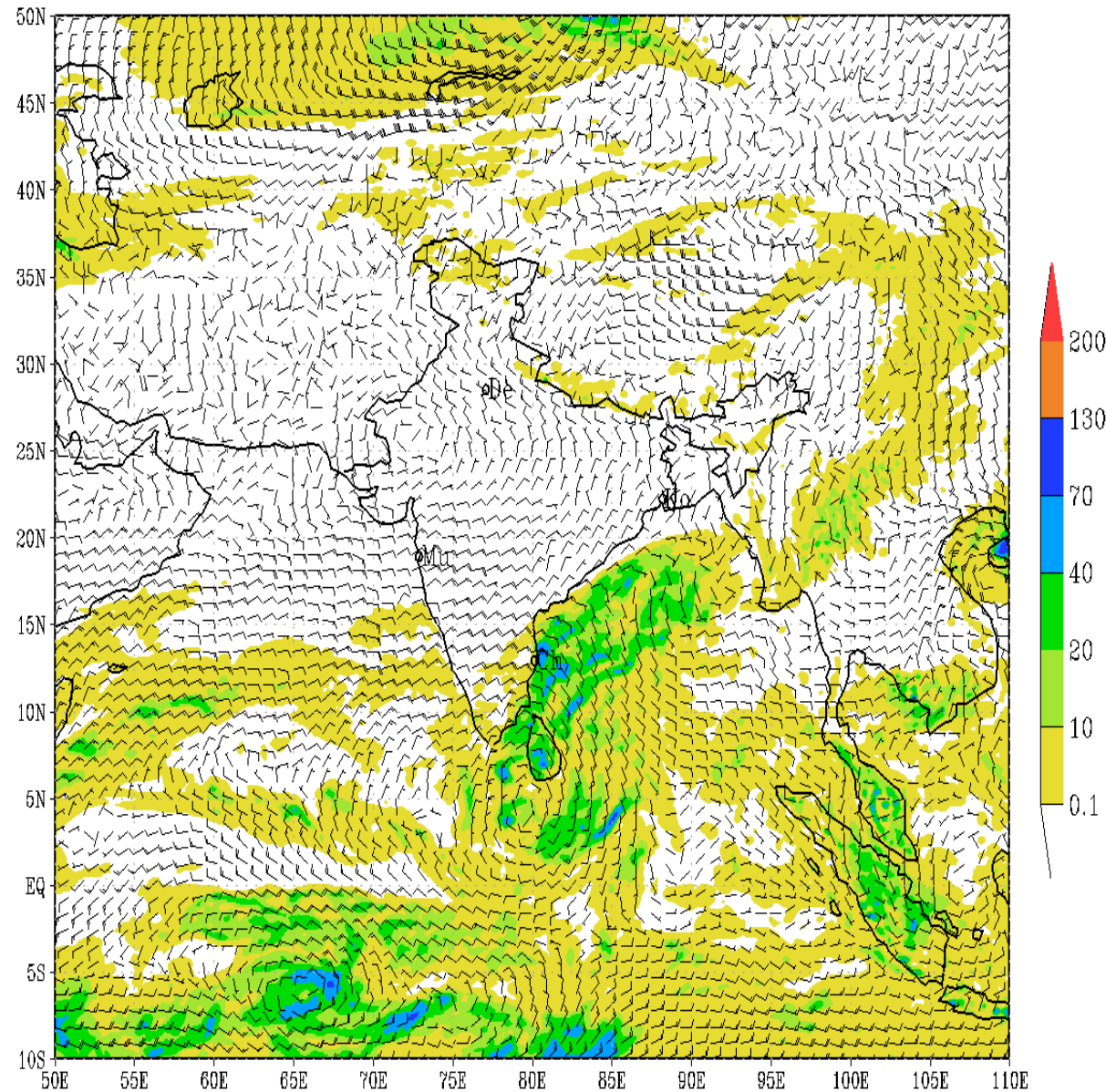


Precipitation, 24h (mm)

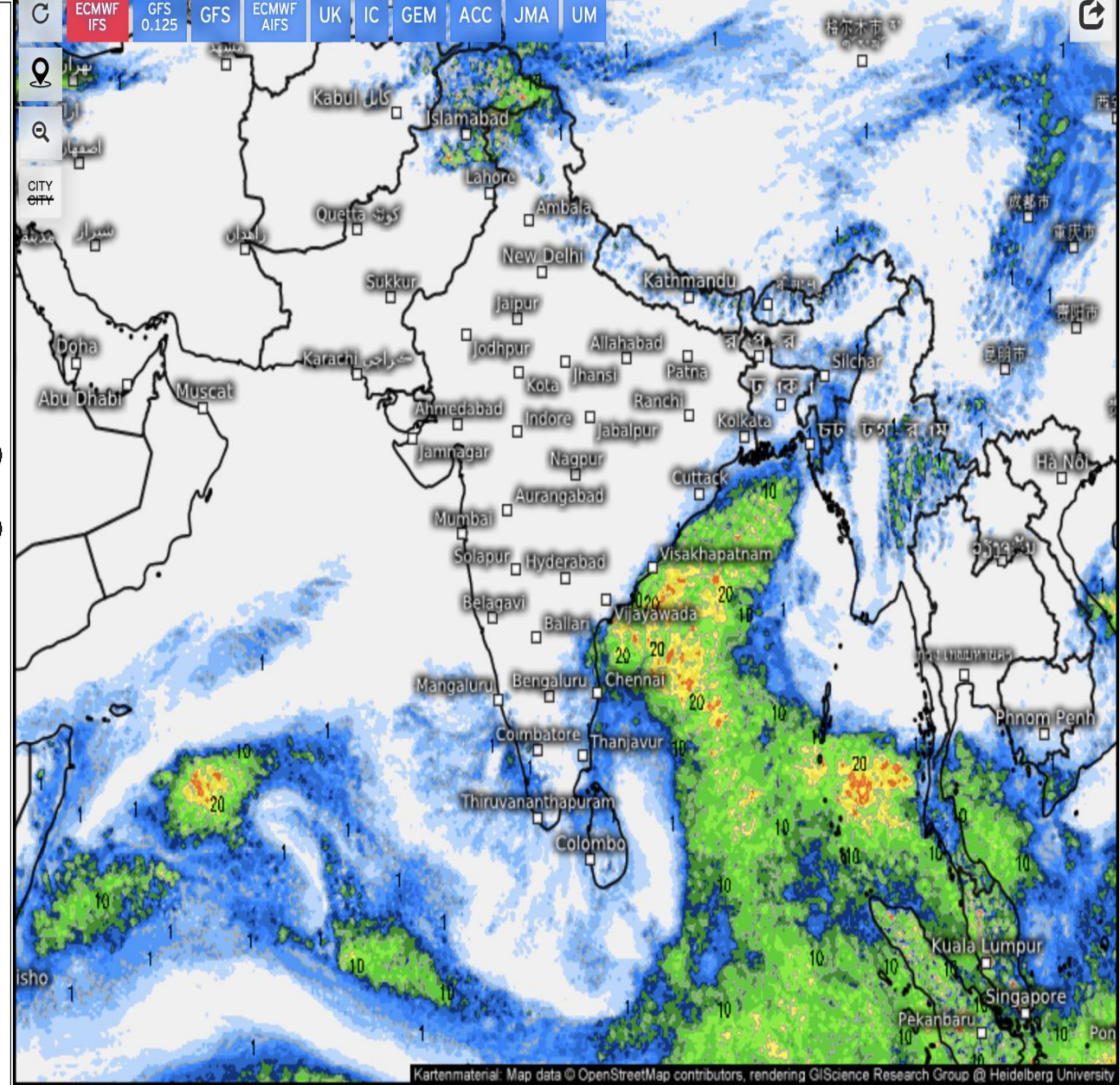
Valid for  
Sun 11/10/2024, 05:30am IST



IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (120 HR)  
based on 00 UTC of 07-11-2024 valid for 03 UTC of 12-11-2024

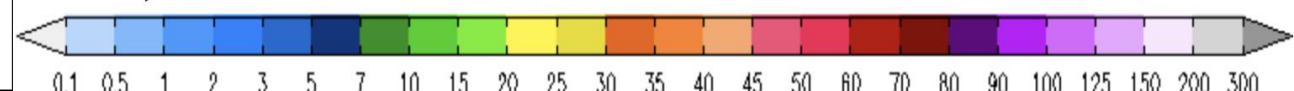


(Background does not depict political boundary)

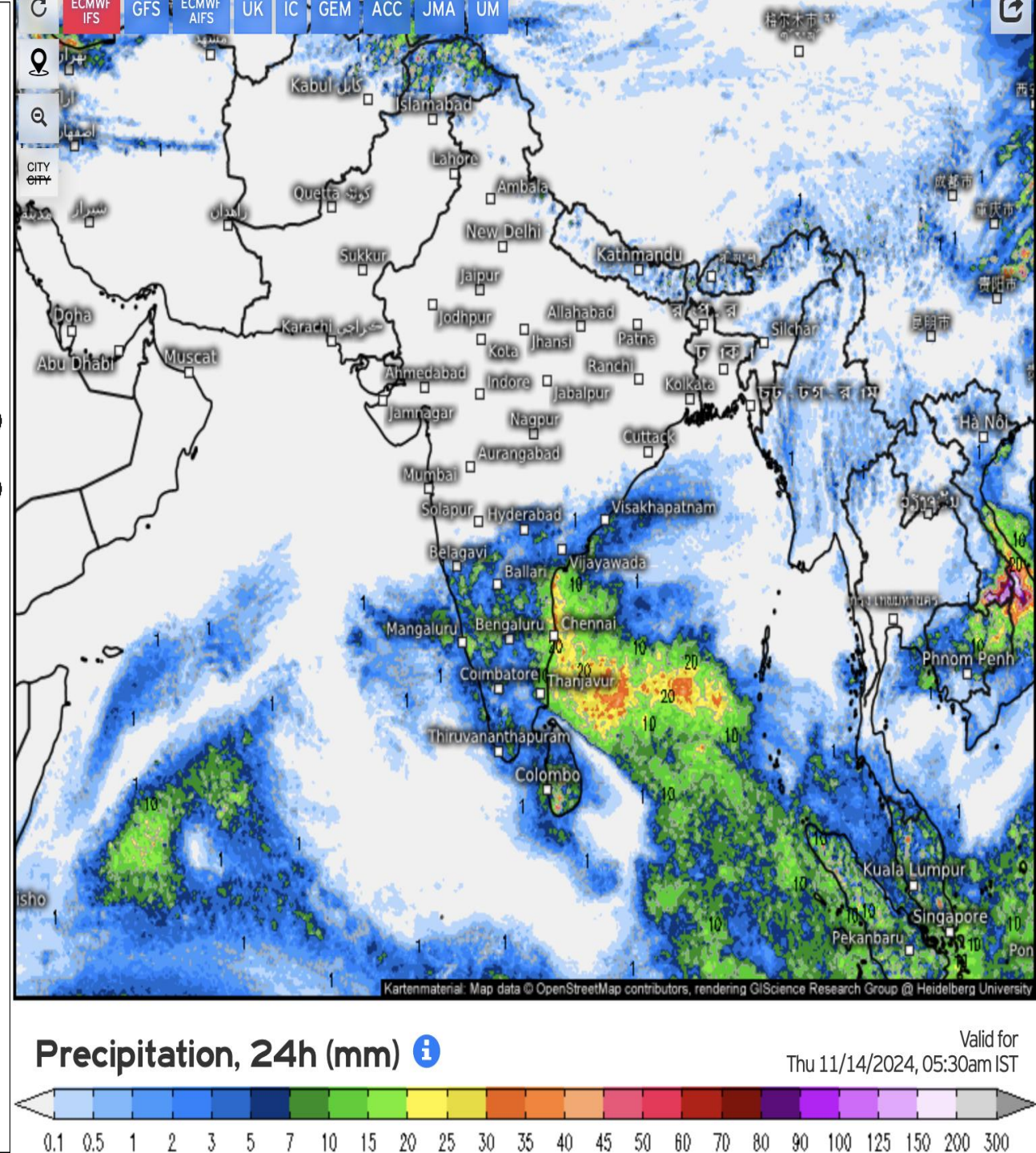
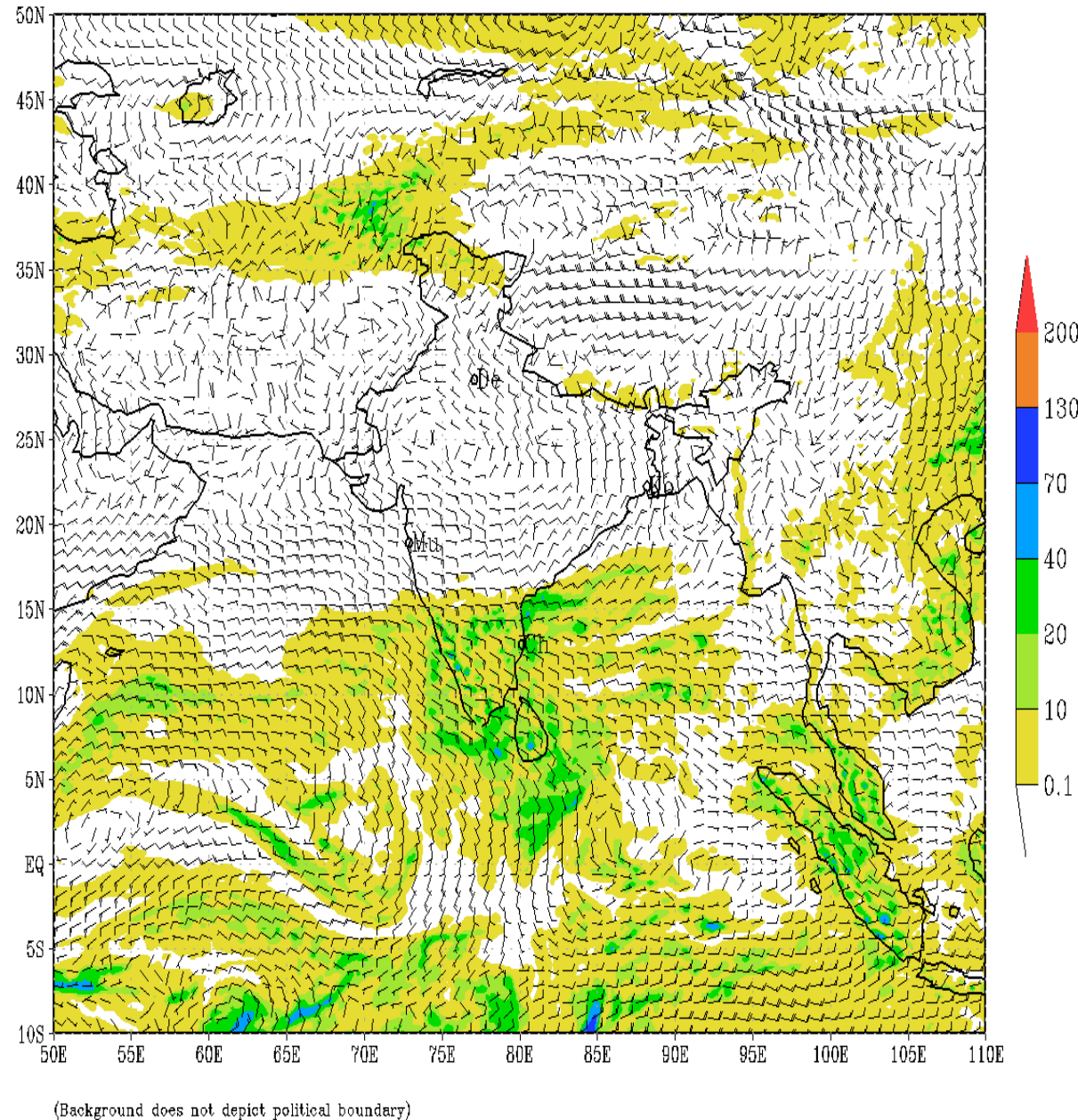


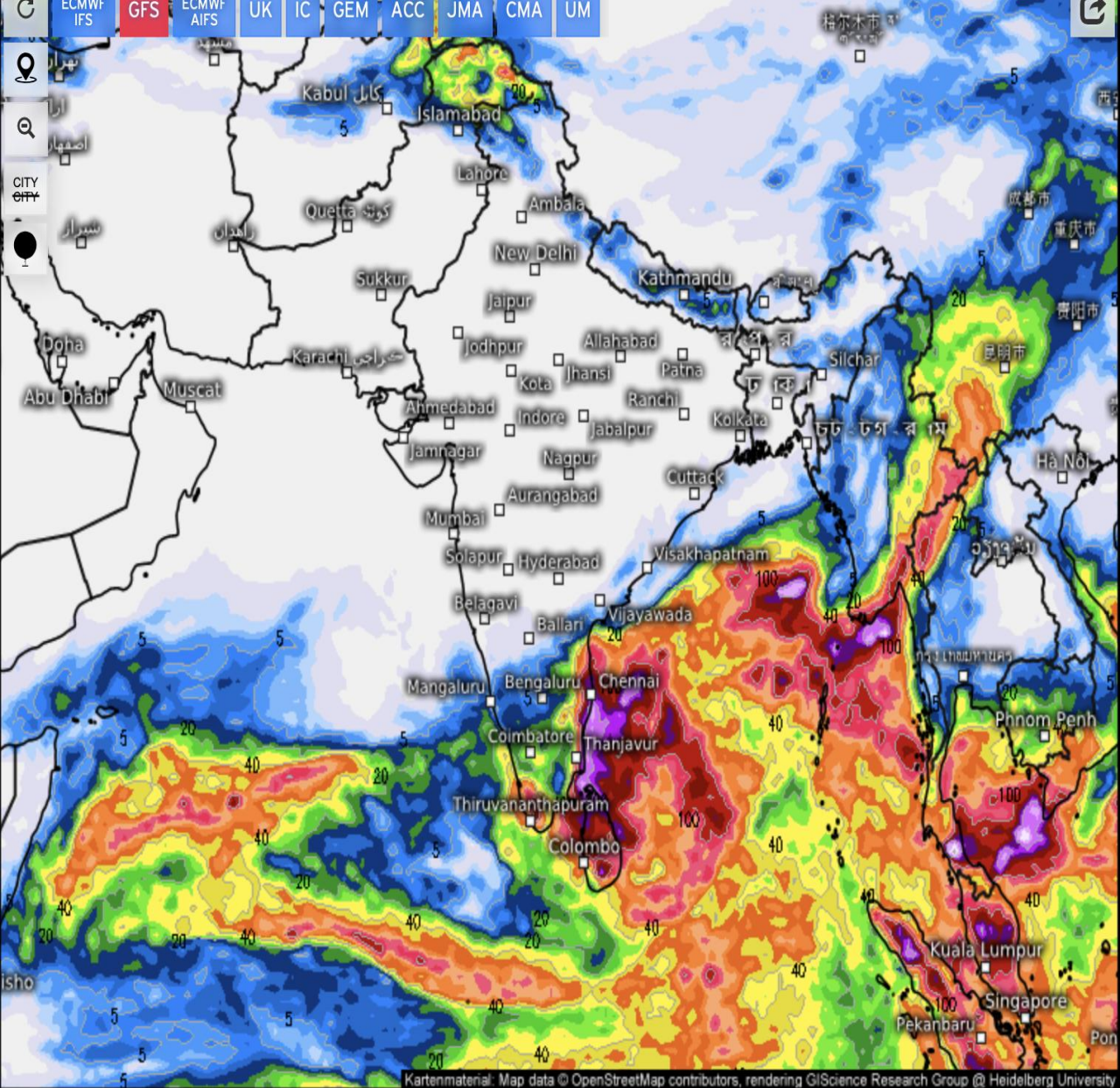
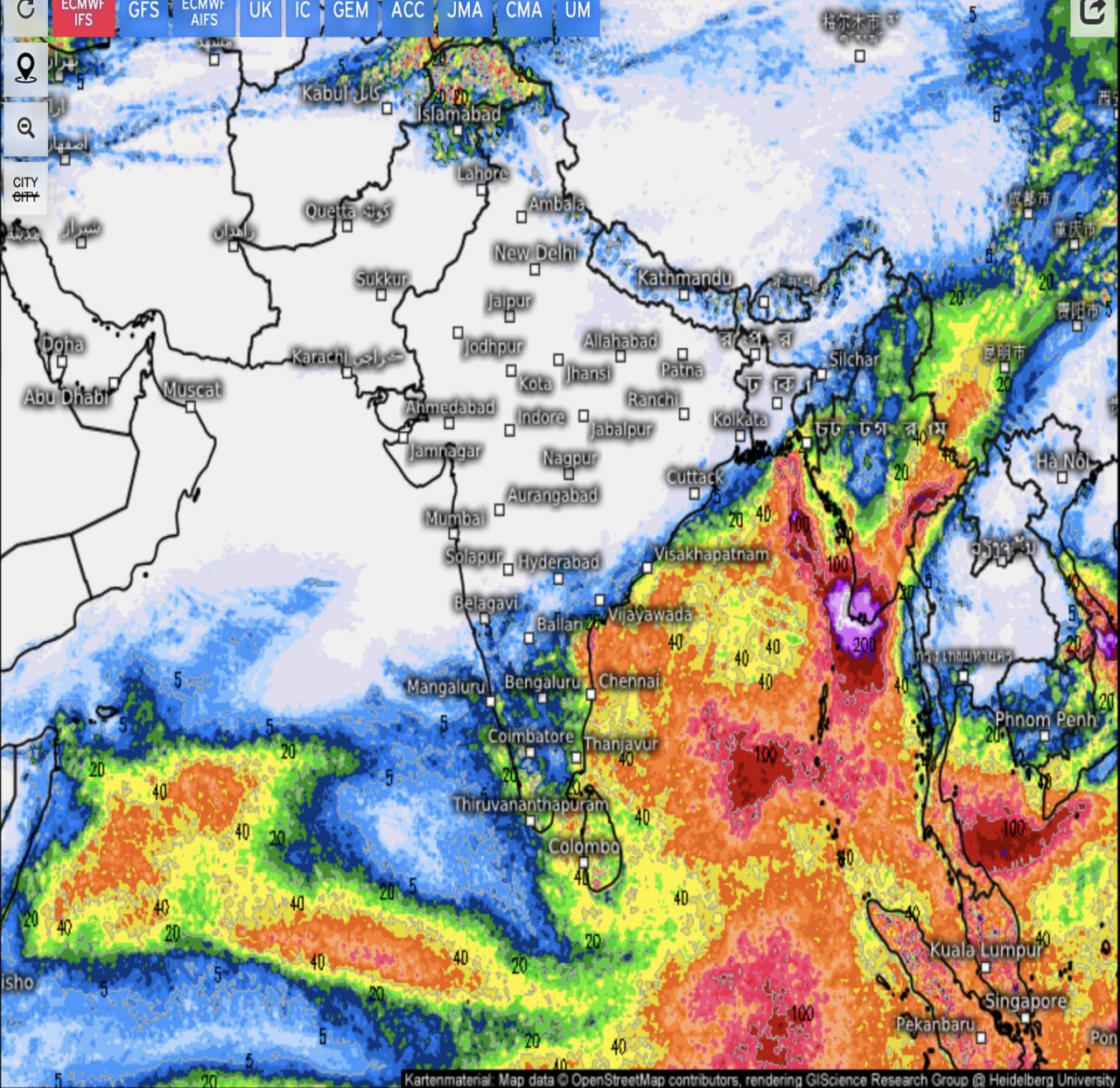
Precipitation, 24h (mm) [i](#)

Valid for  
Tue 11/12/2024, 05:30am IST



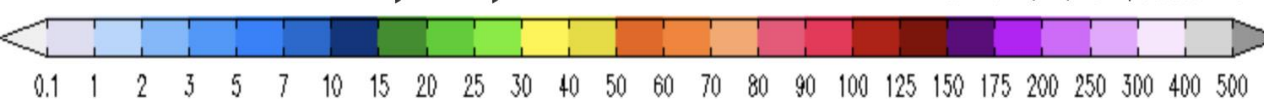
IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (168 HR)  
based on 00 UTC of 07-11-2024 valid for 03 UTC of 14-11-2024





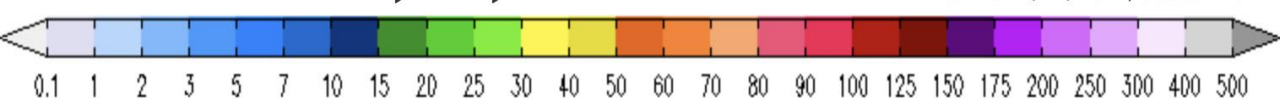
Accumulated total precipitation (mm) ⓘ

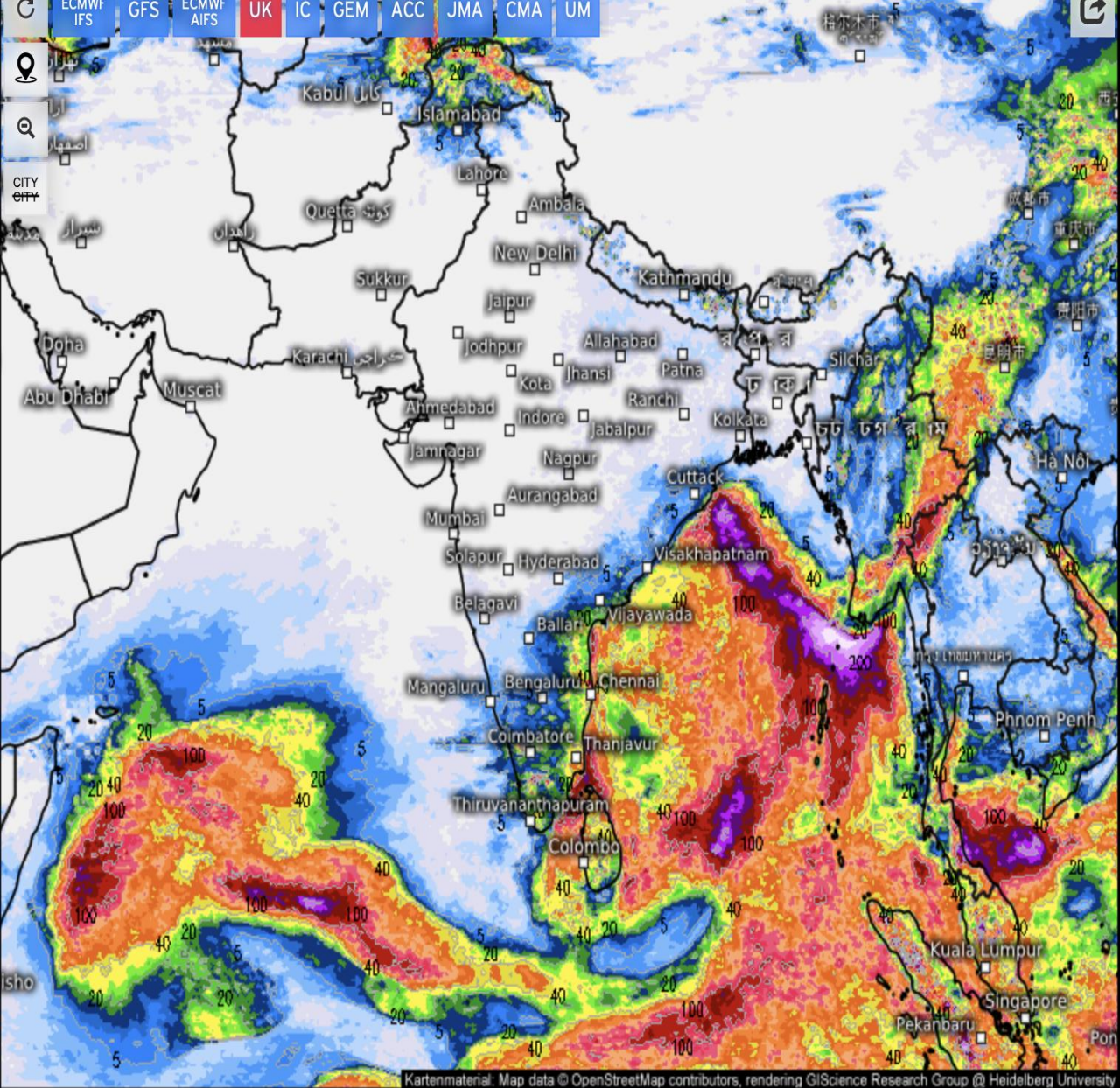
From Thu 11/07/2024, 05:30am IST  
to Thu 11/14/2024, 05:30am IST



Accumulated total precipitation (mm) ⓘ

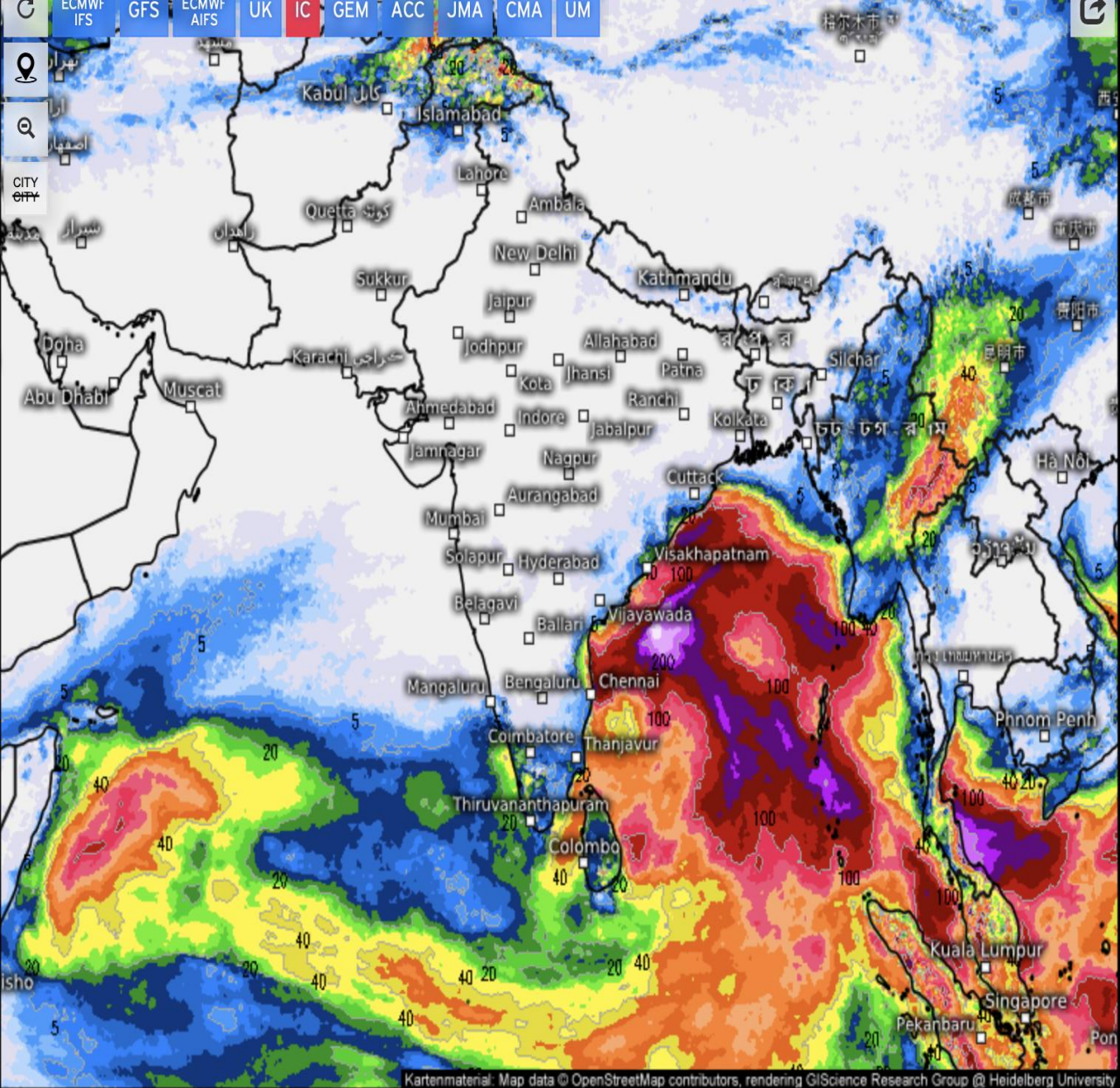
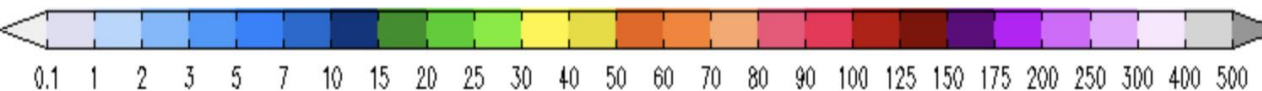
From Thu 11/07/2024, 05:30am IST  
to Thu 11/14/2024, 05:30am IST





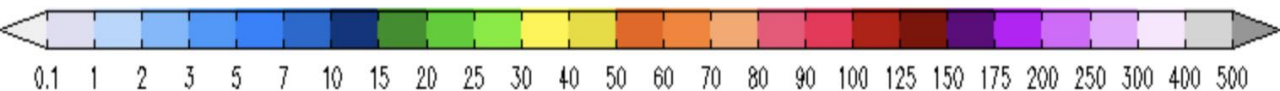
Accumulated total precipitation (mm)

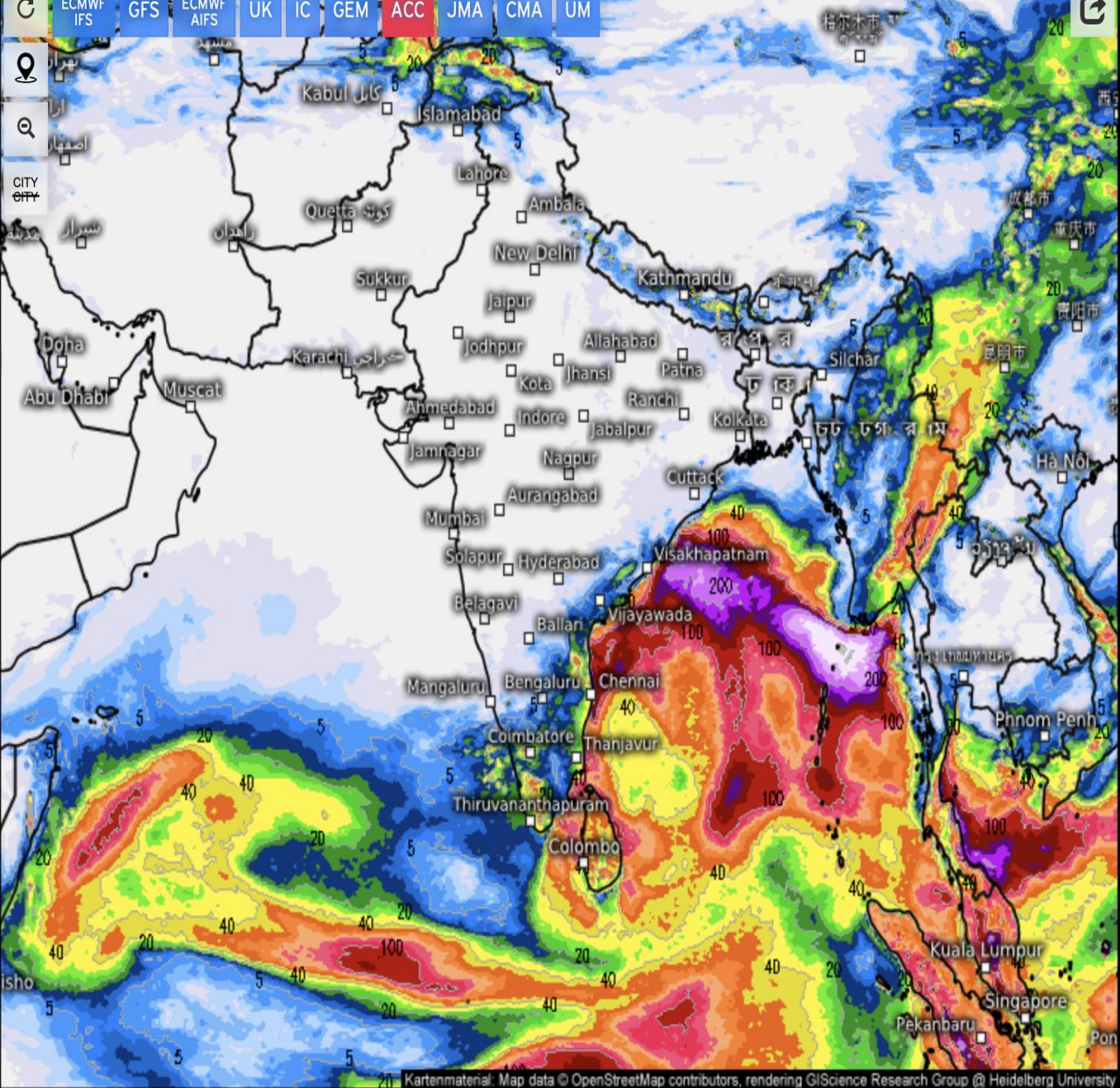
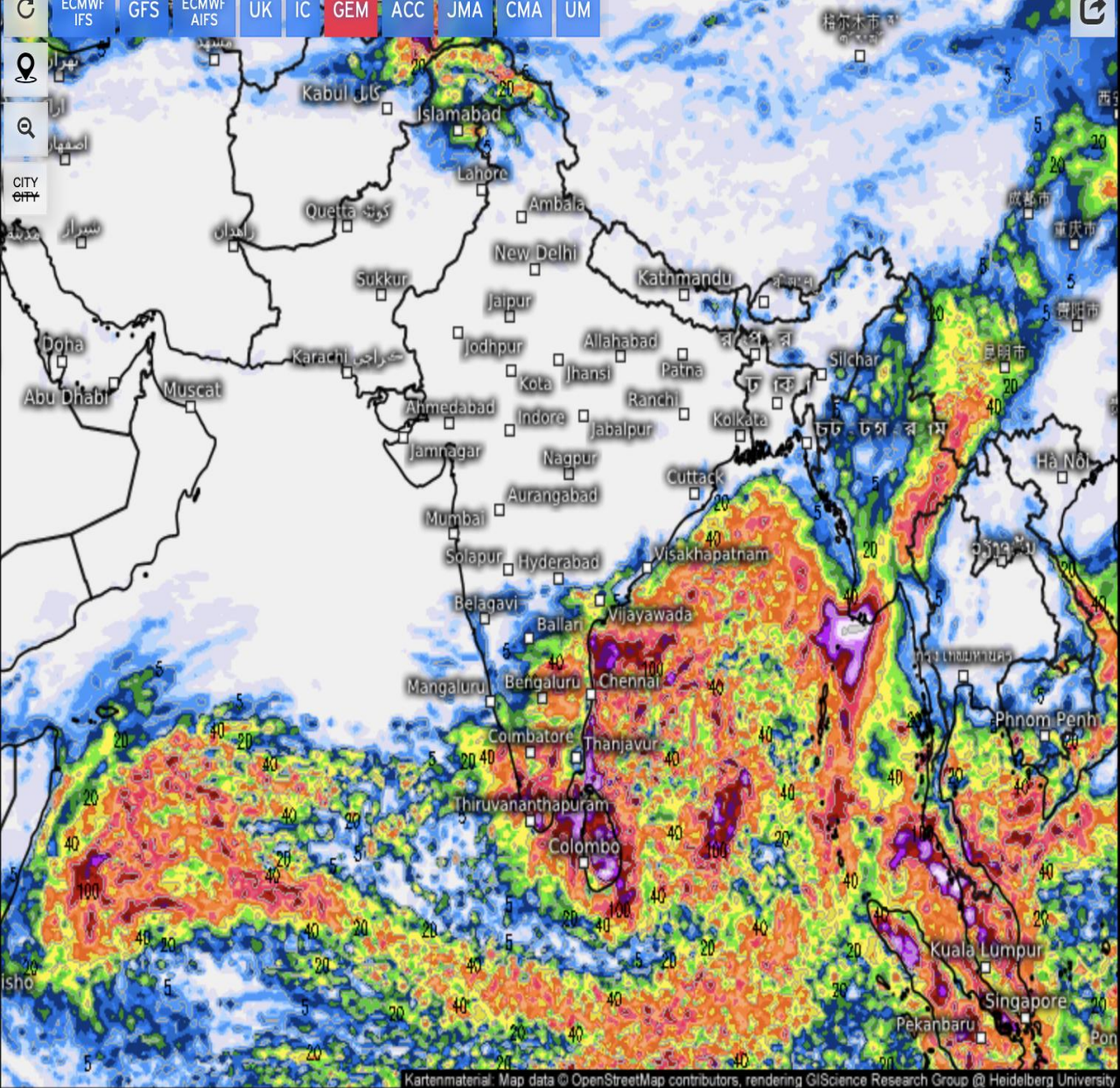
From Thu 11/07/2024, 05:30am IST  
to Thu 11/14/2024, 05:30am IST



Accumulated total precipitation (mm) ⓘ

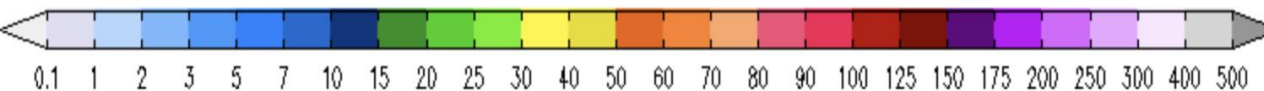
From Thu 11/07/2024, 05:30am IST  
to Thu 11/14/2024, 05:30am IST





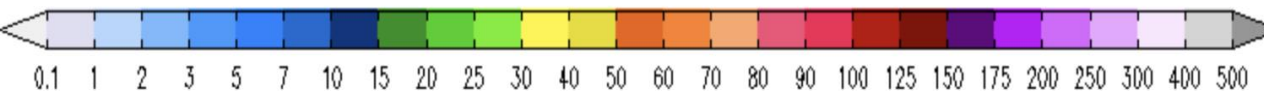
Accumulated total precipitation (mm) ⓘ

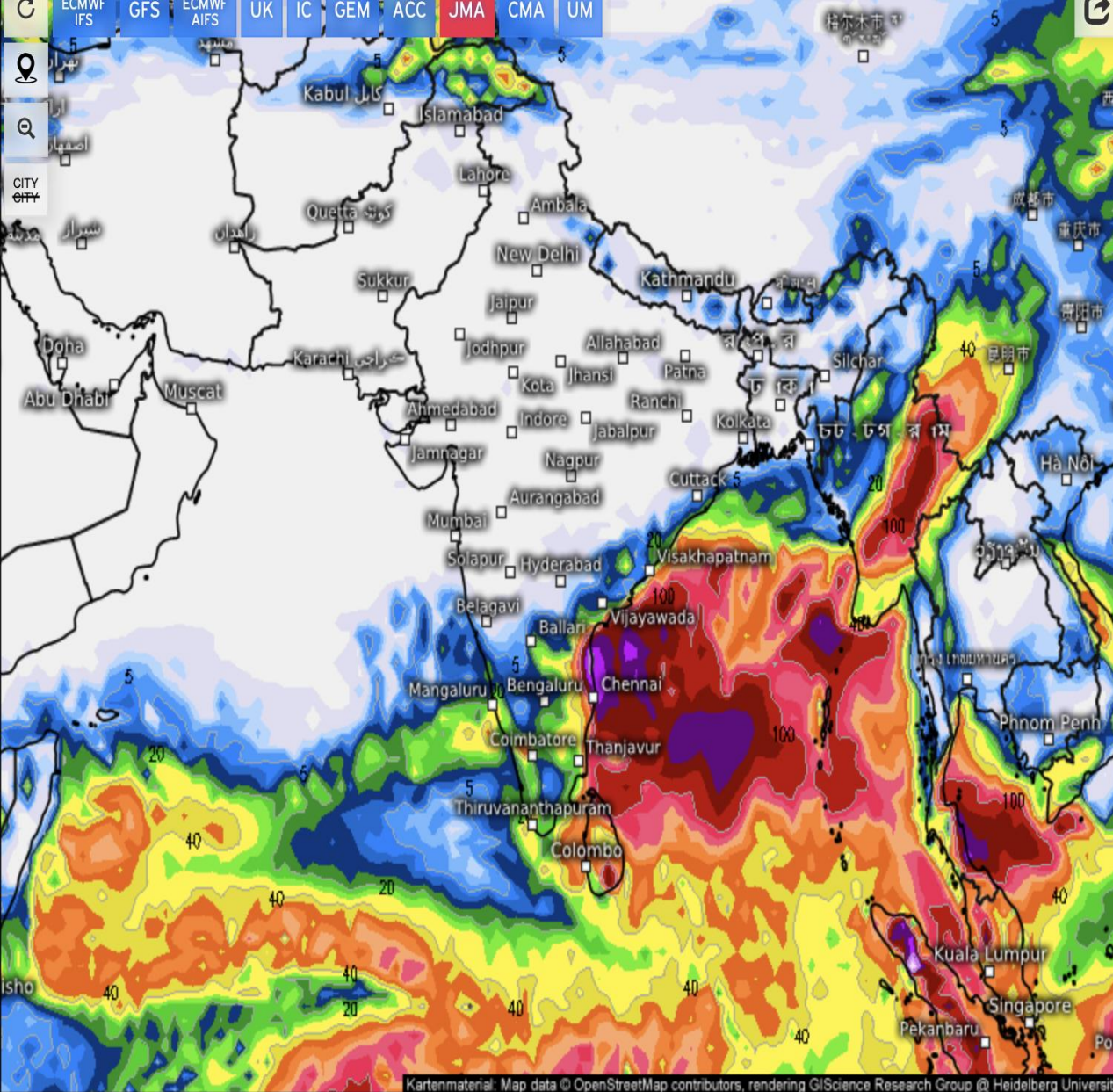
From Thu 11/07/2024, 05:30am IST  
to Thu 11/14/2024, 05:30am IST



Accumulated total precipitation (mm) ⓘ

From Thu 11/07/2024, 05:30am IST  
to Thu 11/14/2024, 05:30am IST

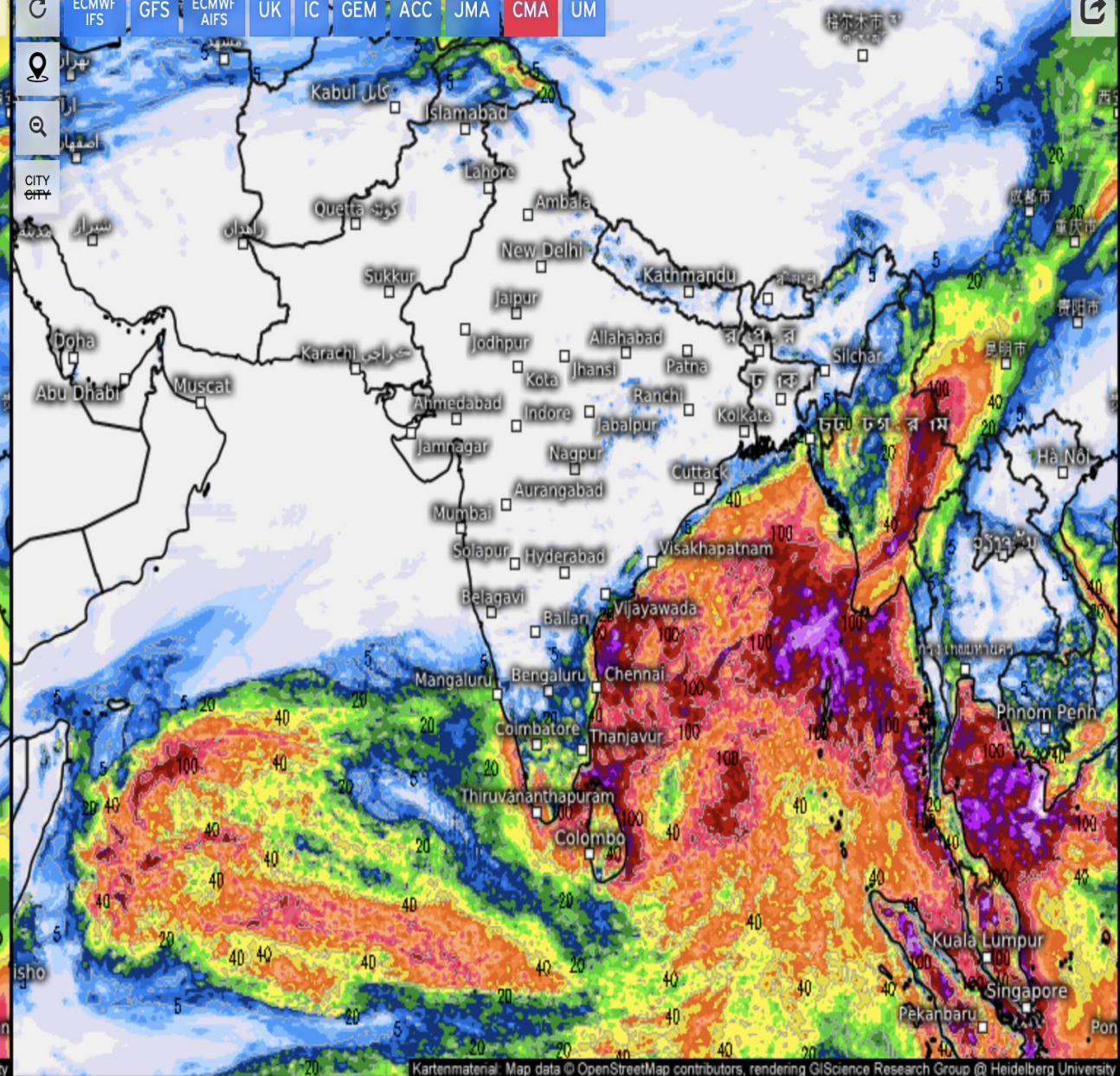
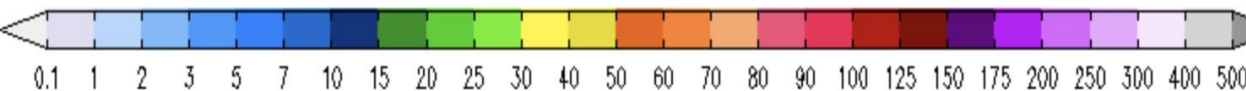




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Accumulated total precipitation (mm)

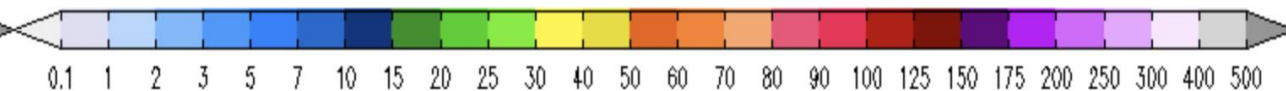
From Wed 11/06/2024, 05:30pm IST  
to Thu 11/14/2024, 05:30am IST

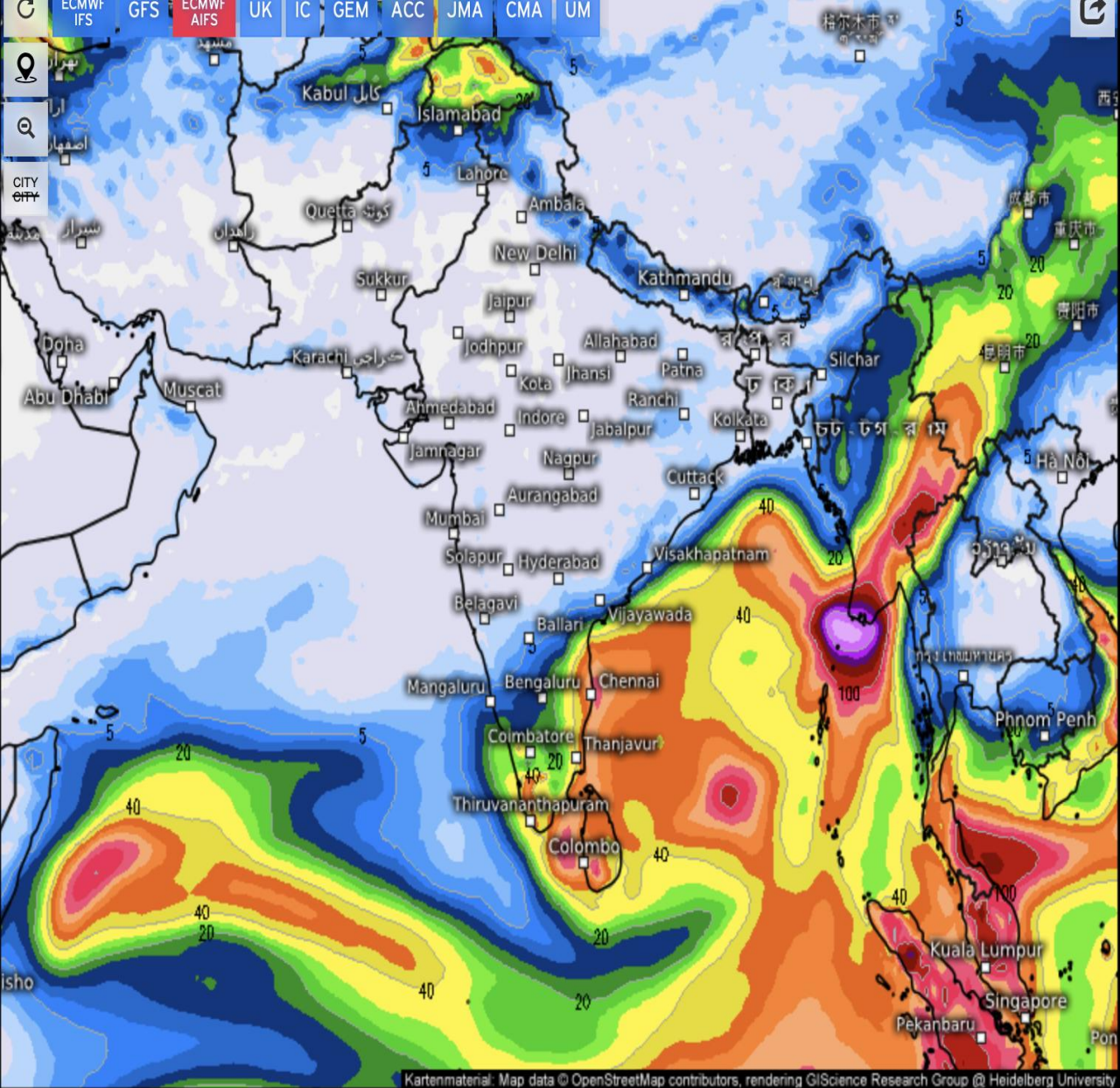
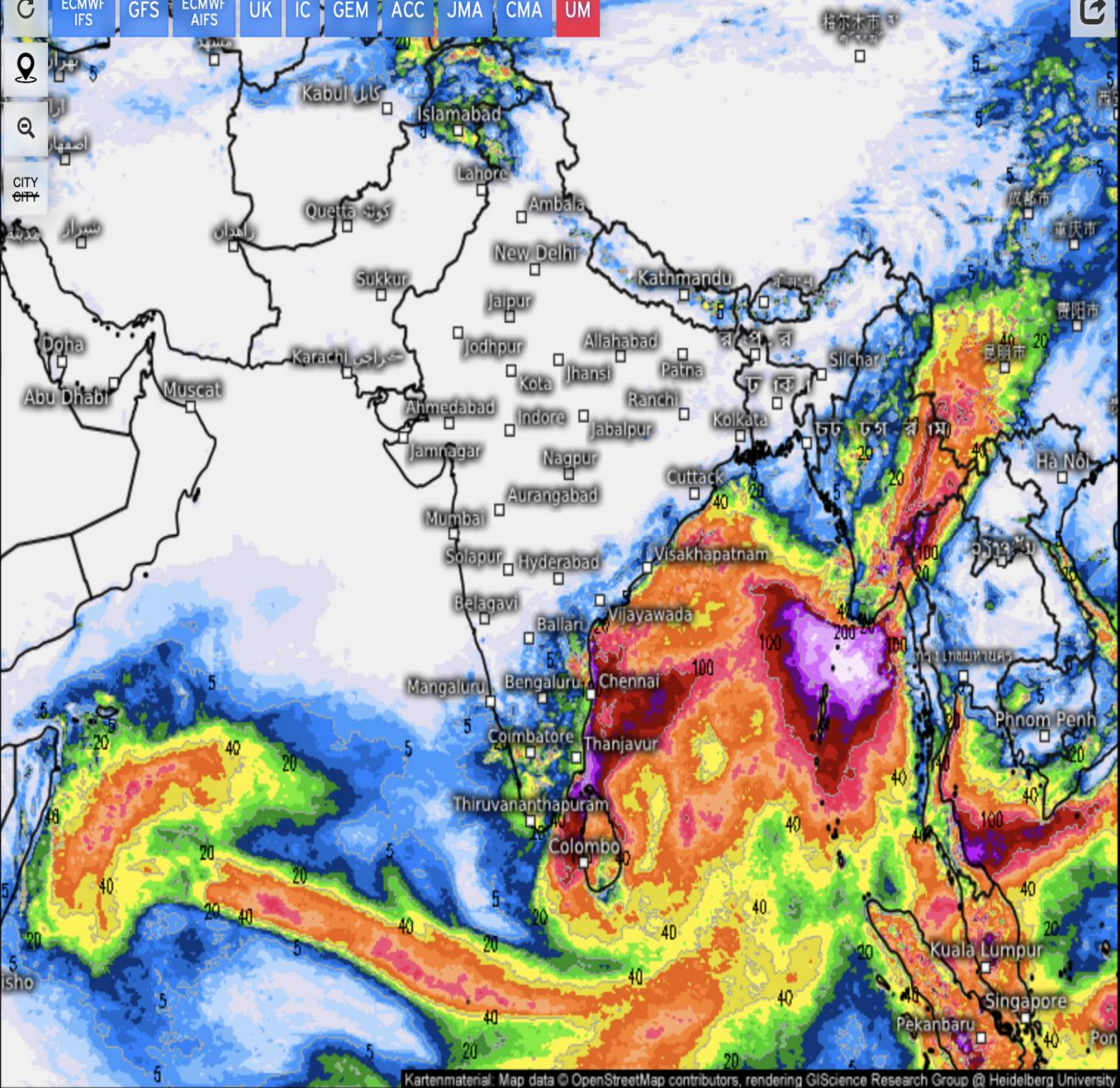


Kartenmaterial: Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University

Accumulated total precipitation (mm)

From Wed 11/06/2024, 05:30pm IST  
to Thu 11/14/2024, 05:30am IST



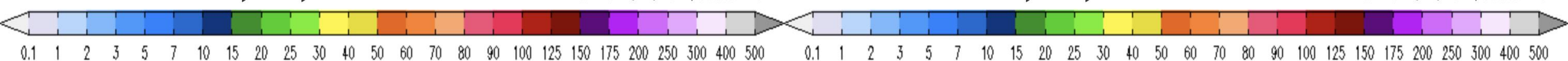


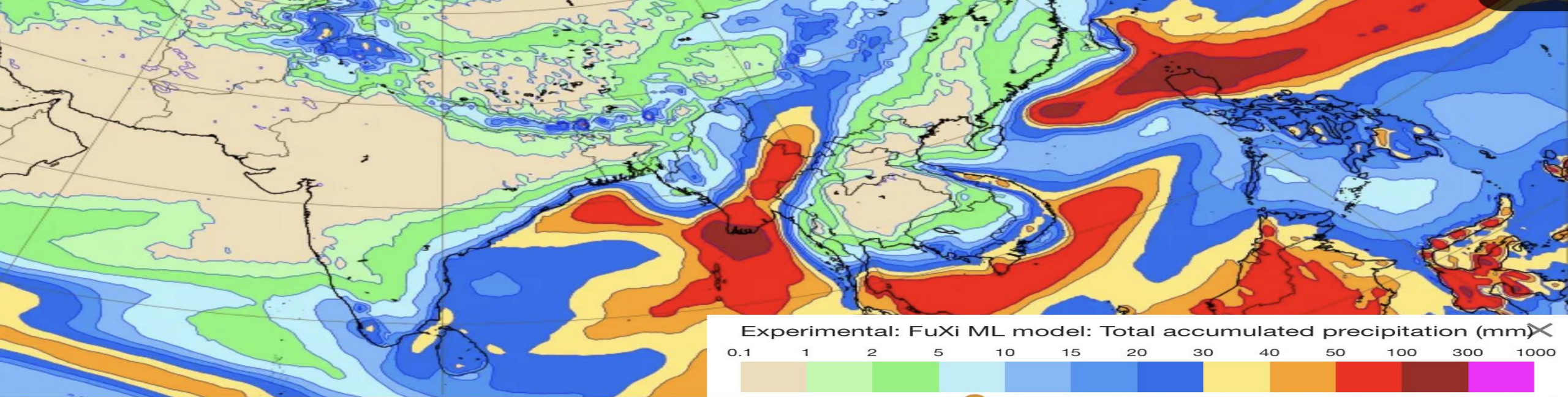
Accumulated total precipitation (mm)

From Wed 11/06/2024, 05:30pm IST  
to Thu 11/14/2024, 05:30am IST

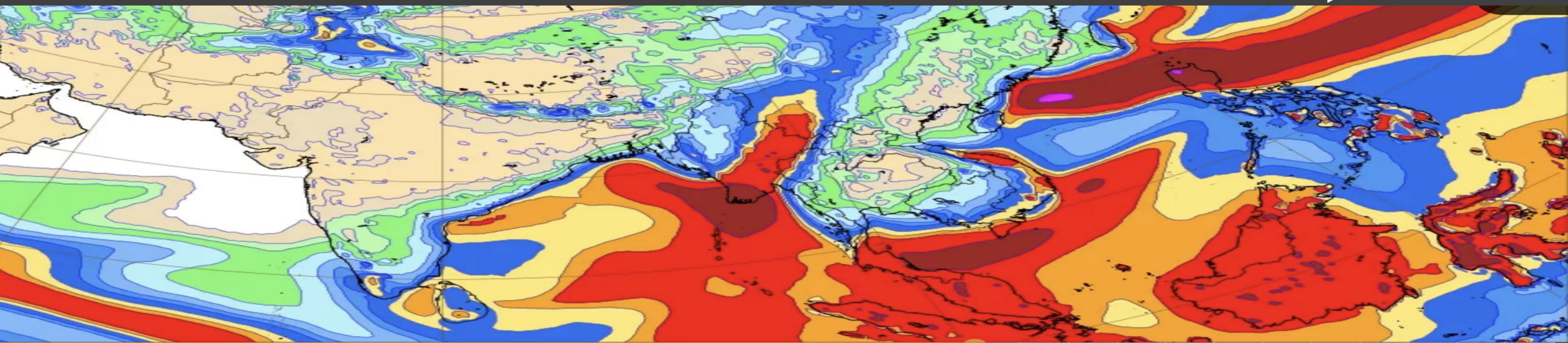
Accumulated total precipitation (mm) ⓘ

From Wed 11/06/2024, 11:30pm IST  
to Thu 11/14/2024, 05:30am IST



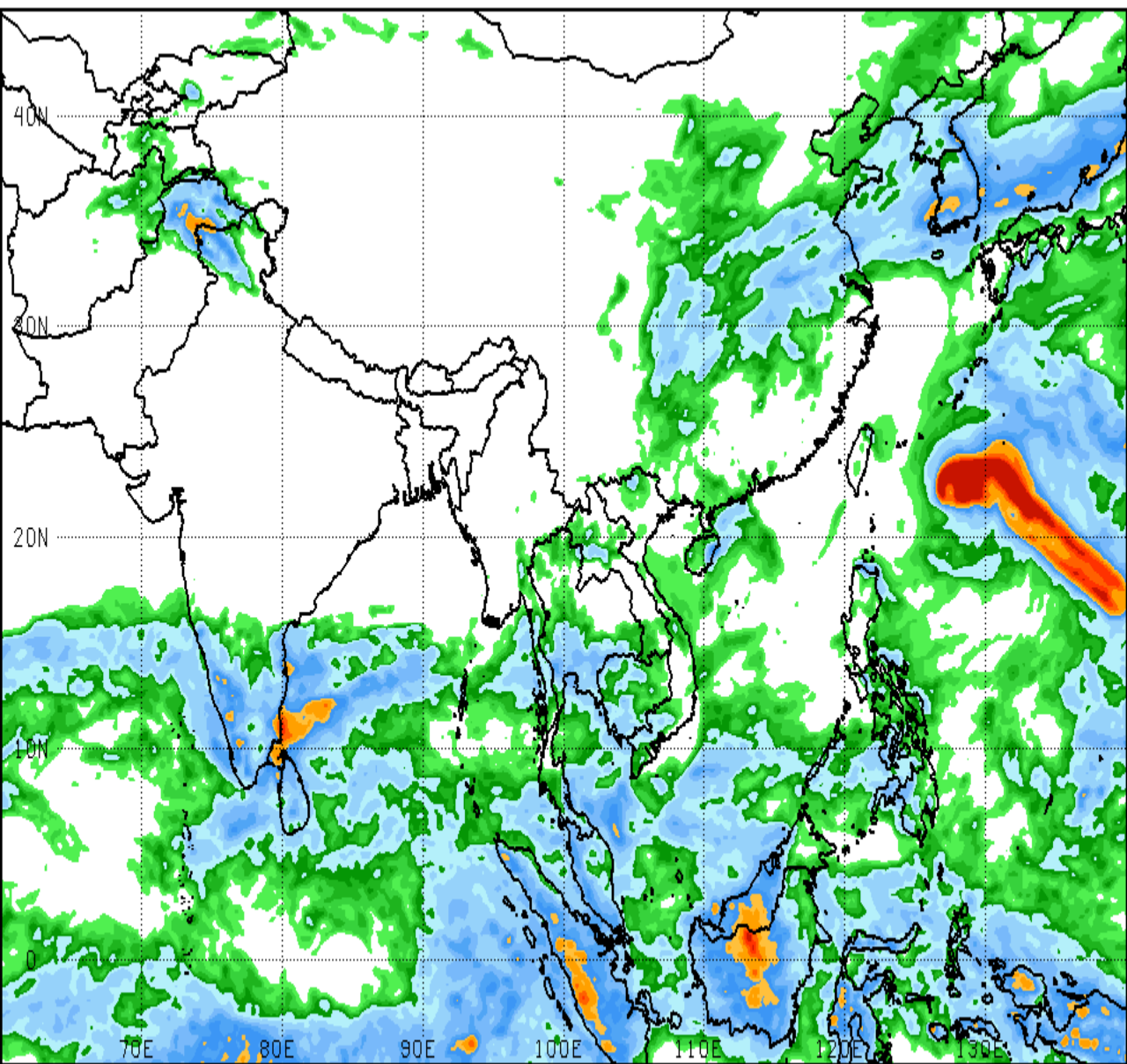


Thu 14 Nov 2024 00 UTC (T+168)

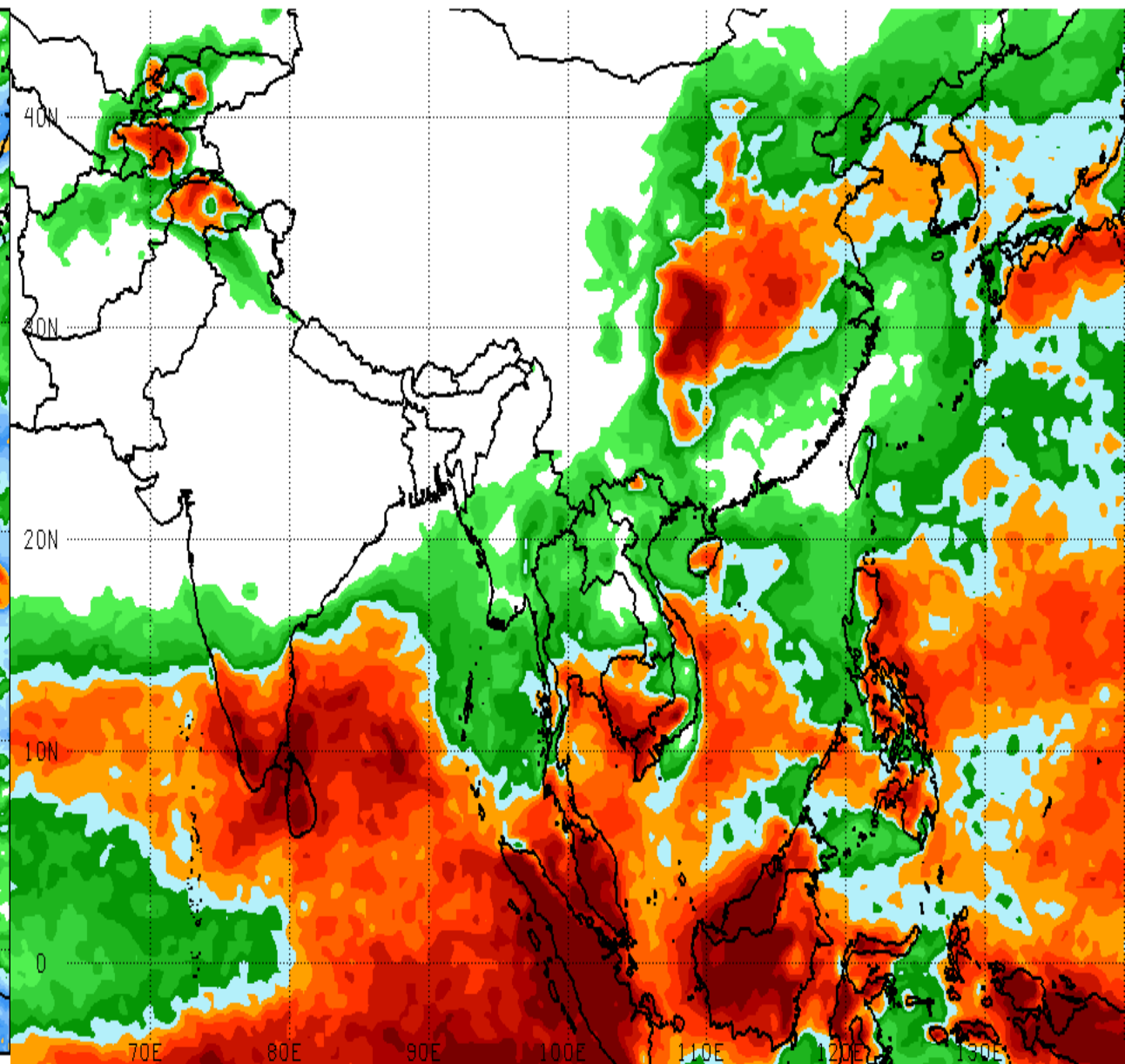


Thu 14 Nov 2024 00 UTC (T+168)

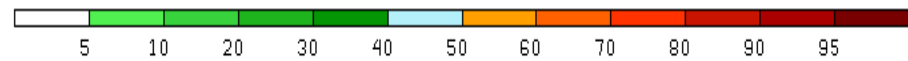


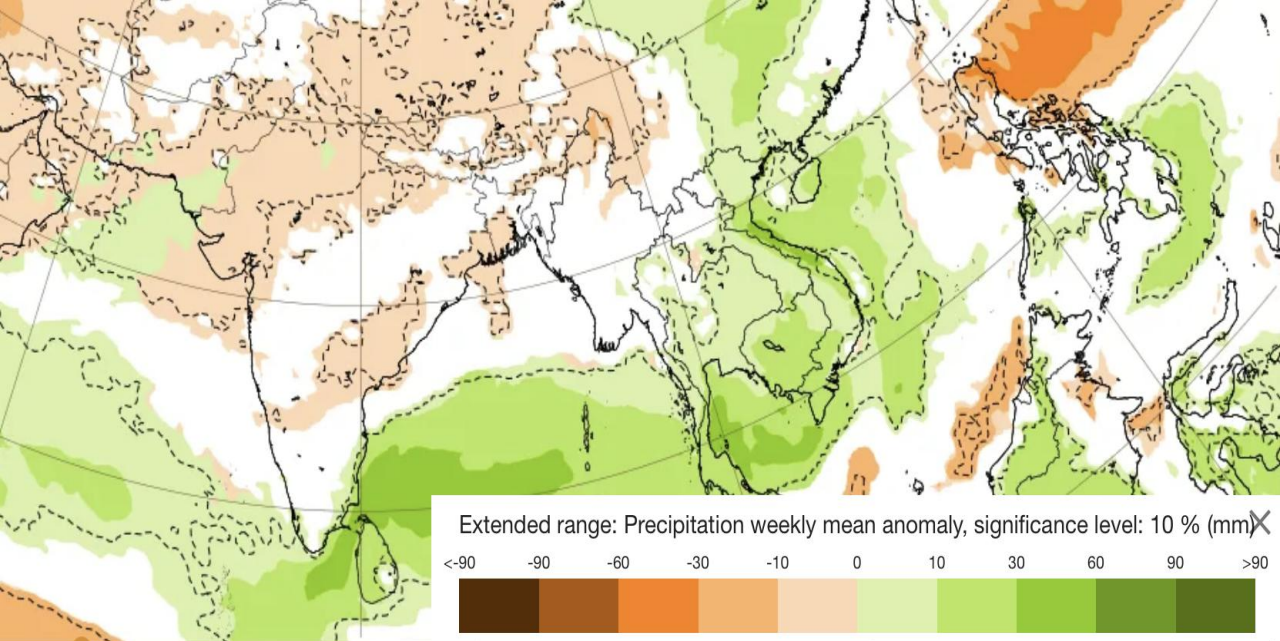


NOAA GFS 20241107 t00z cycle FCST week2 Total Precip (mm) VALID 2024112100Z

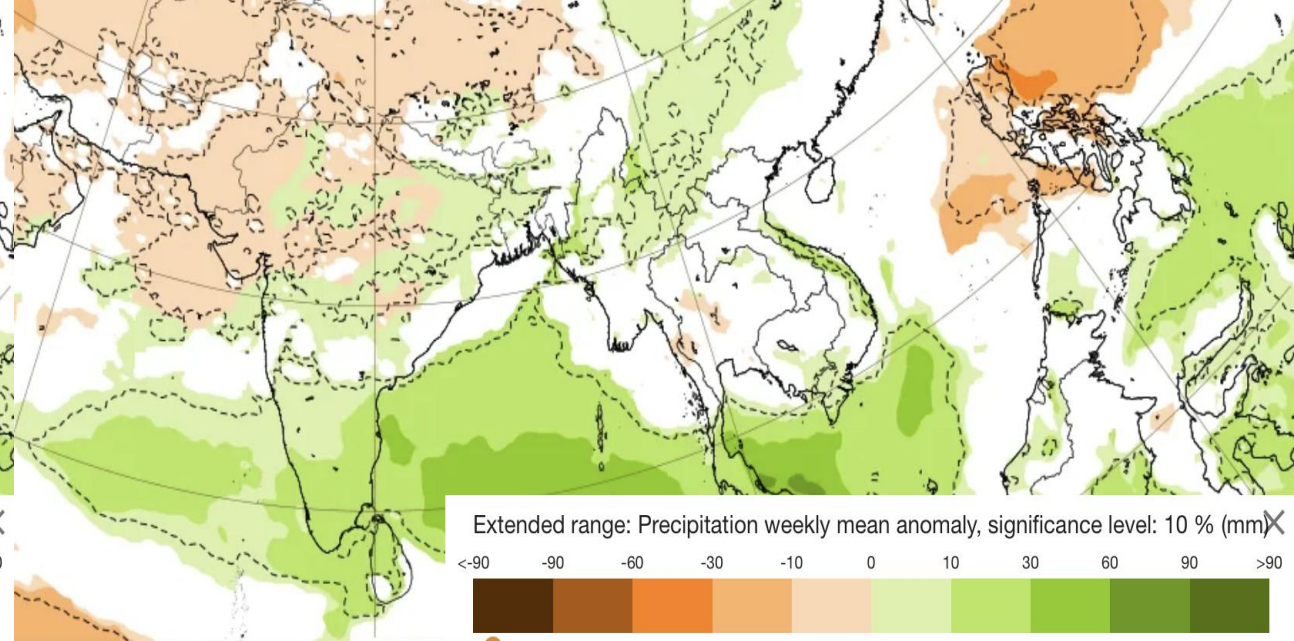


NOAA GFS 20241106 00zCYC FCST Probability of Week2 Precip > 25mm VALID 20241120/0000V336

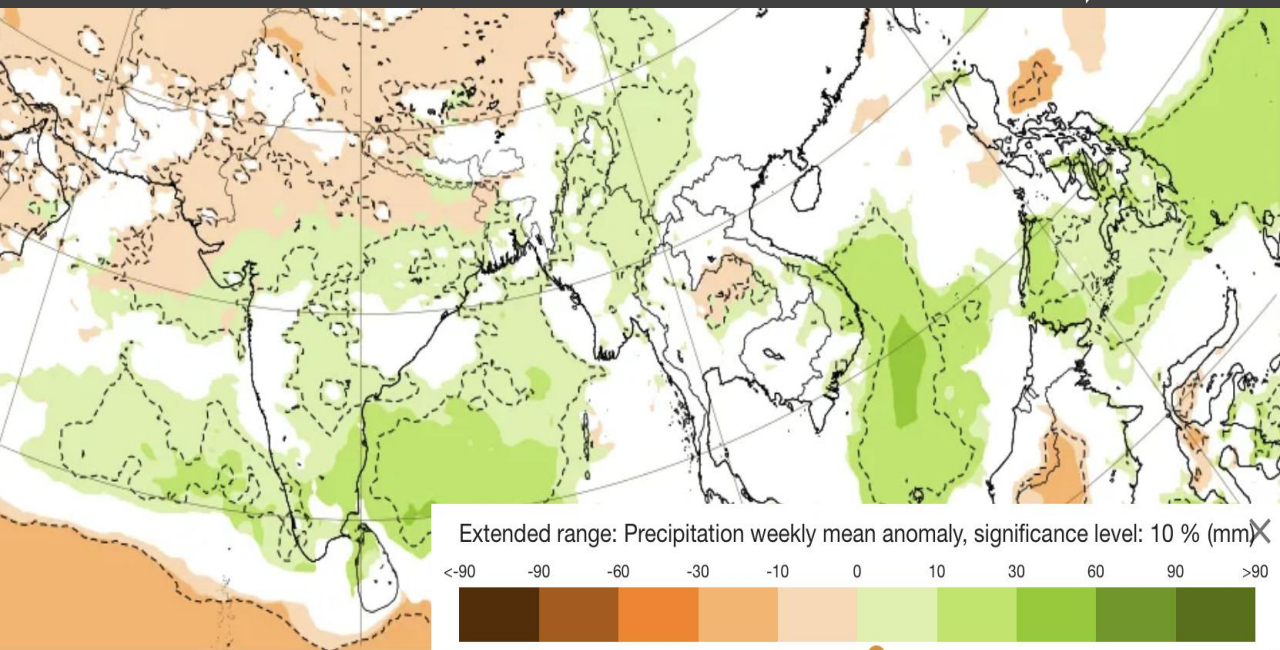




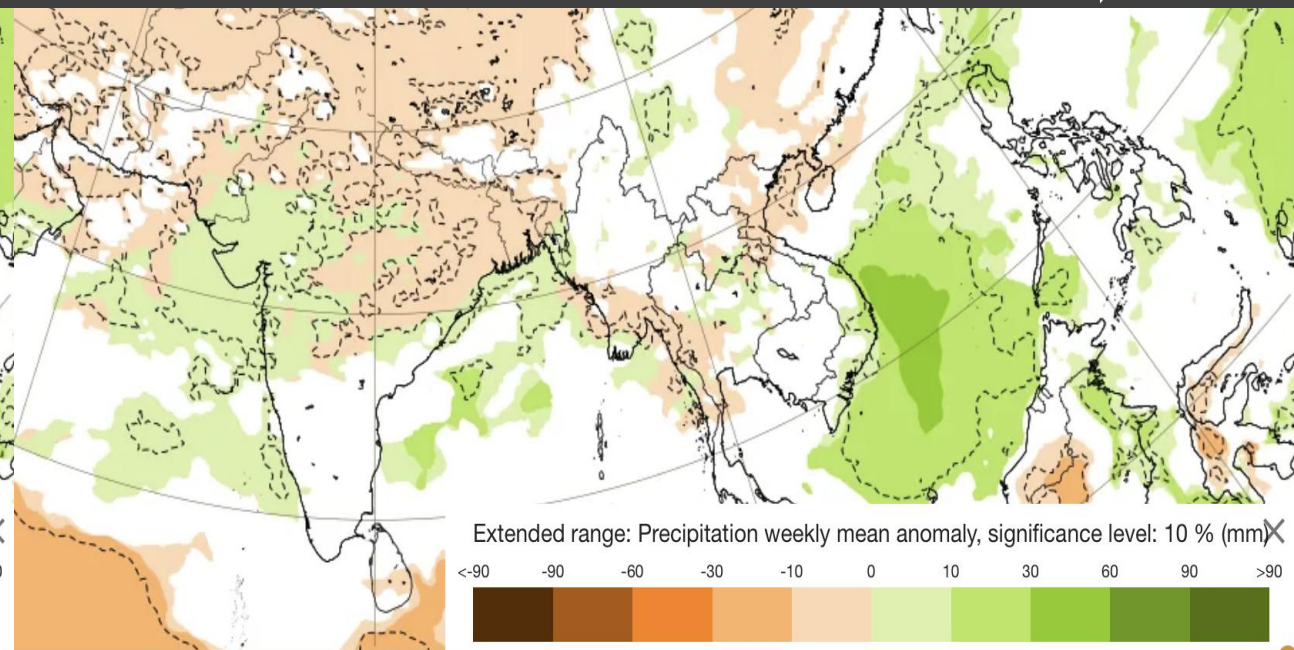
Mon 18 Nov 2024 - Mon 25 Nov 2024



Mon 25 Nov 2024 - Mon 02 Dec 2024



Mon 02 Dec 2024 - Mon 09 Dec 2024

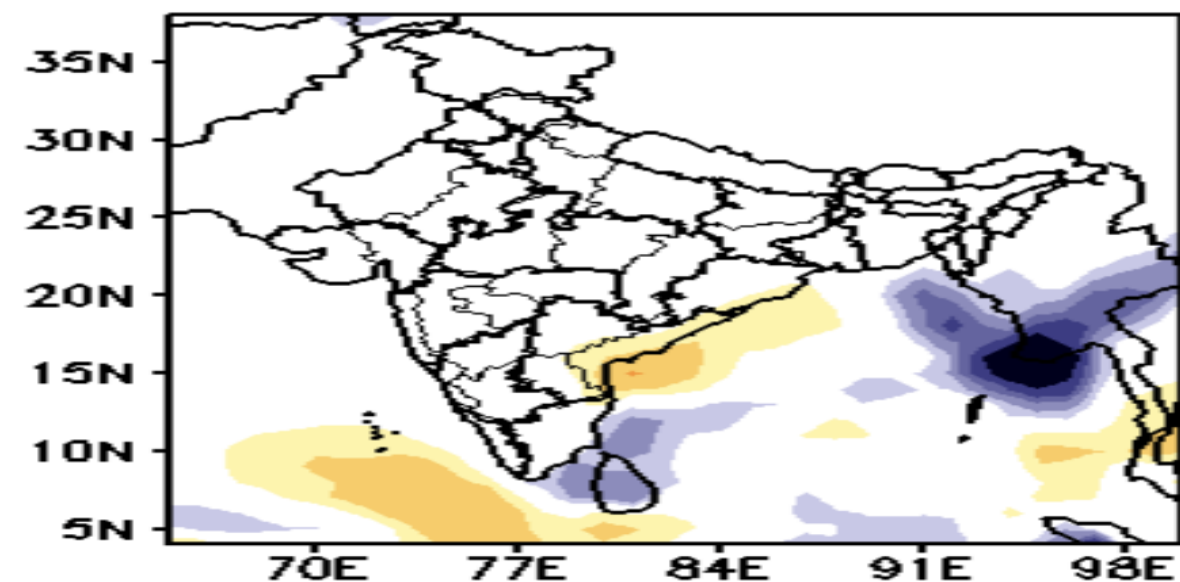


Mon 09 Dec 2024 - Mon 16 Dec 2024

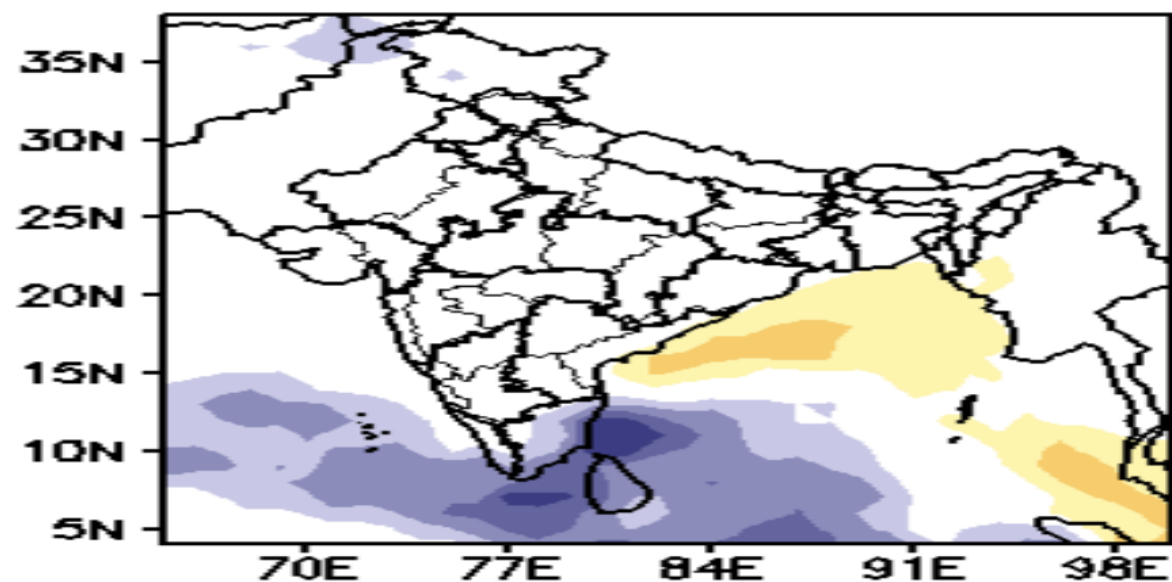


# Forecast Rainfall Anomaly (mm/day) (00Z=0530 hrs IST)

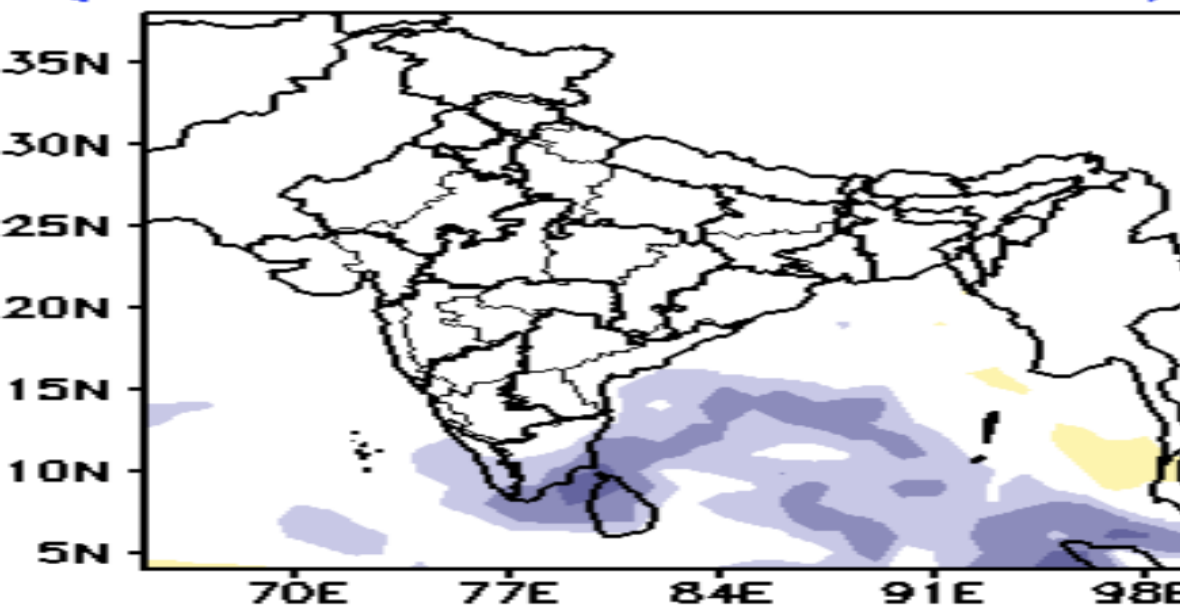
(Week1:00Z07Nov-00Z14Nov)



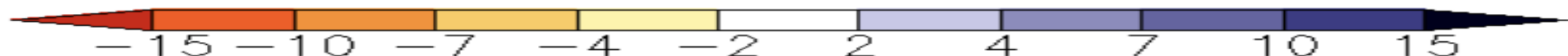
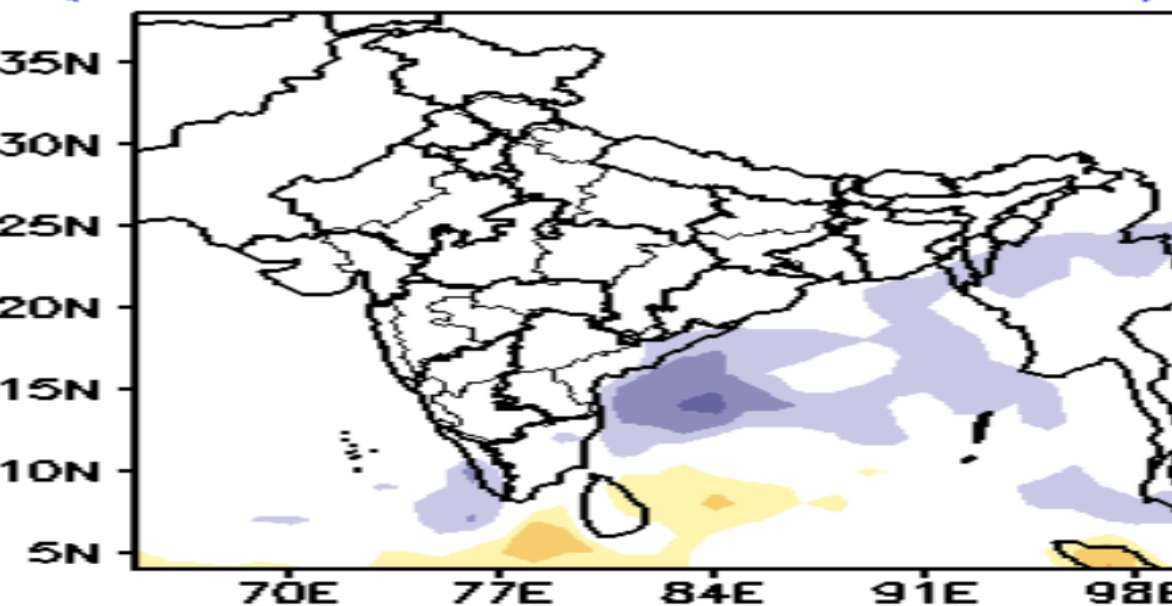
(Week2:00Z14Nov-00Z21Nov)



(Week3:00Z21Nov-00Z28Nov)



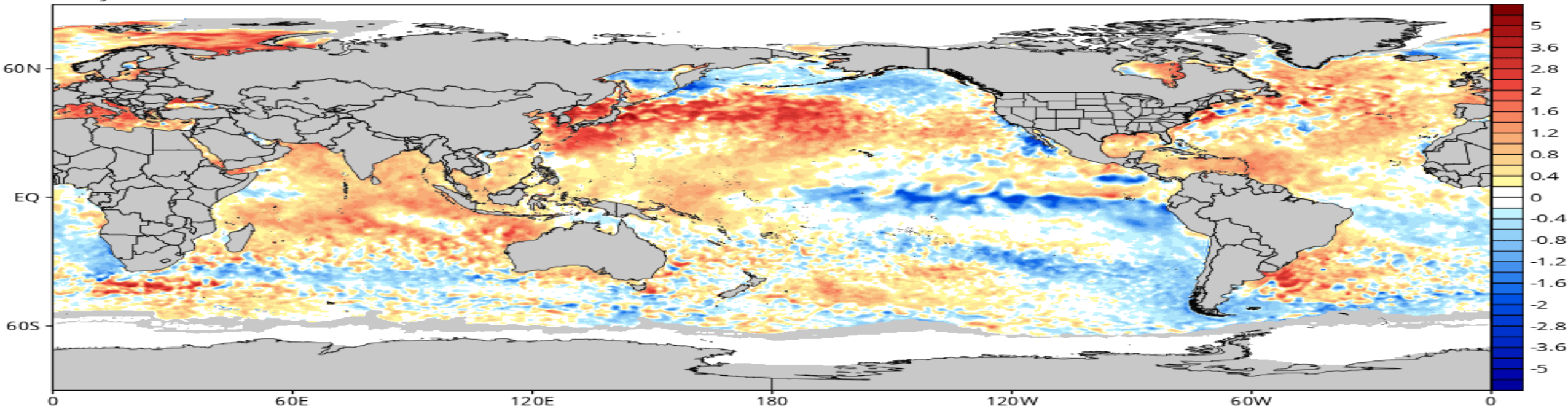
(Week4:00Z28Nov-00Z05Dec)



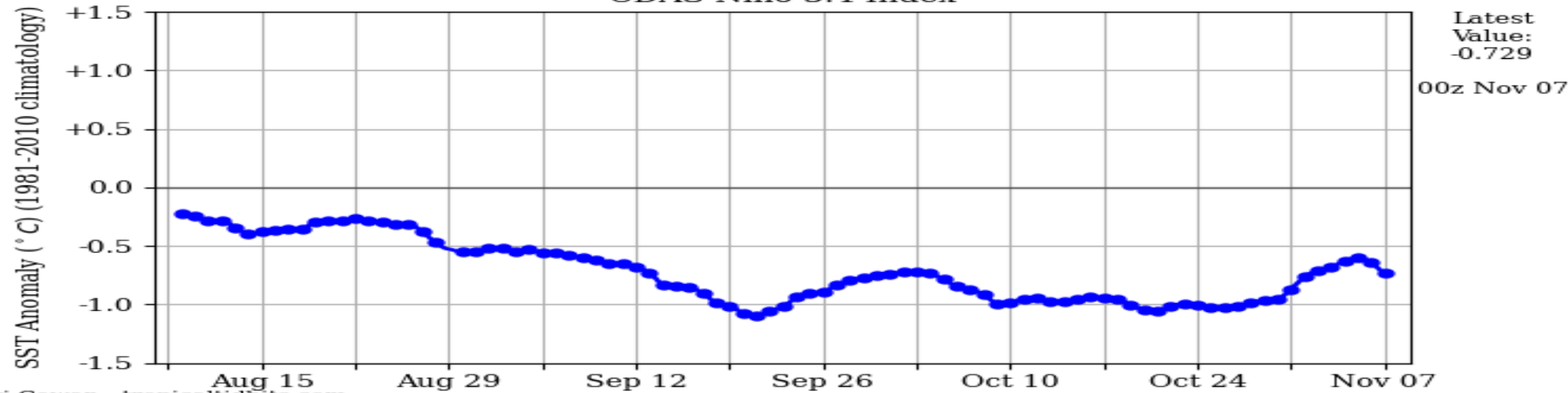
# CDAS Sea Surface Temperature Anomaly (°C) (based on CFSR 1981-2010 Climatology)

Analysis Time: 00z Nov 07 2024

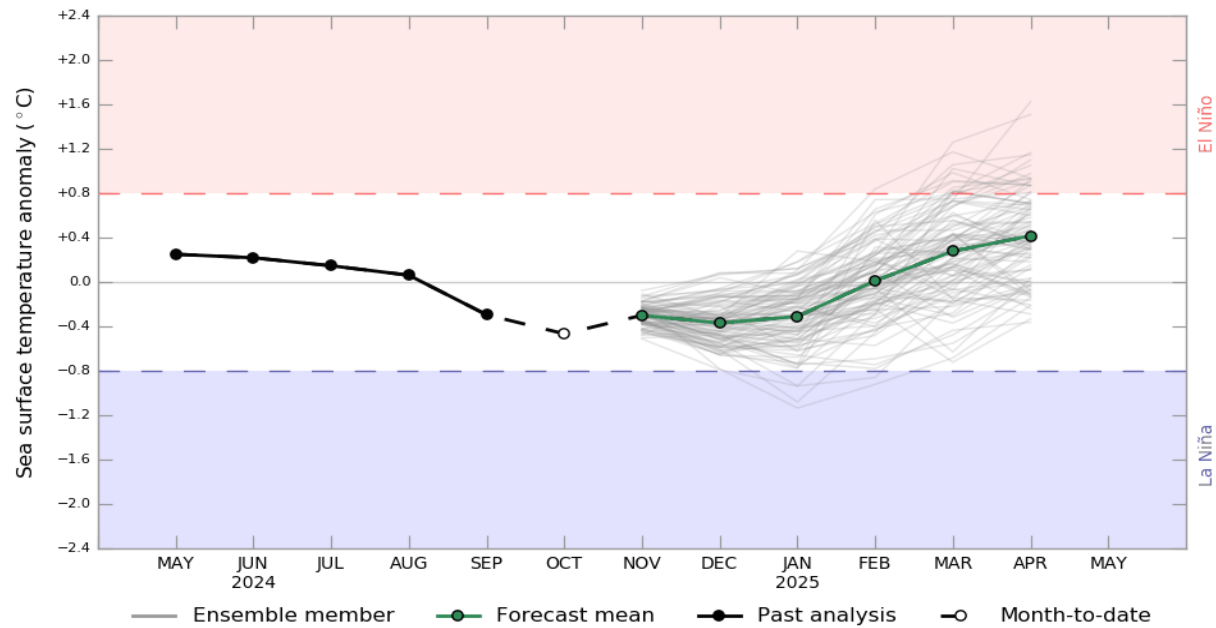
TROPICALTIDBITS.COM



## CDAS Niño 3.4 Index



### Niño3.4 index

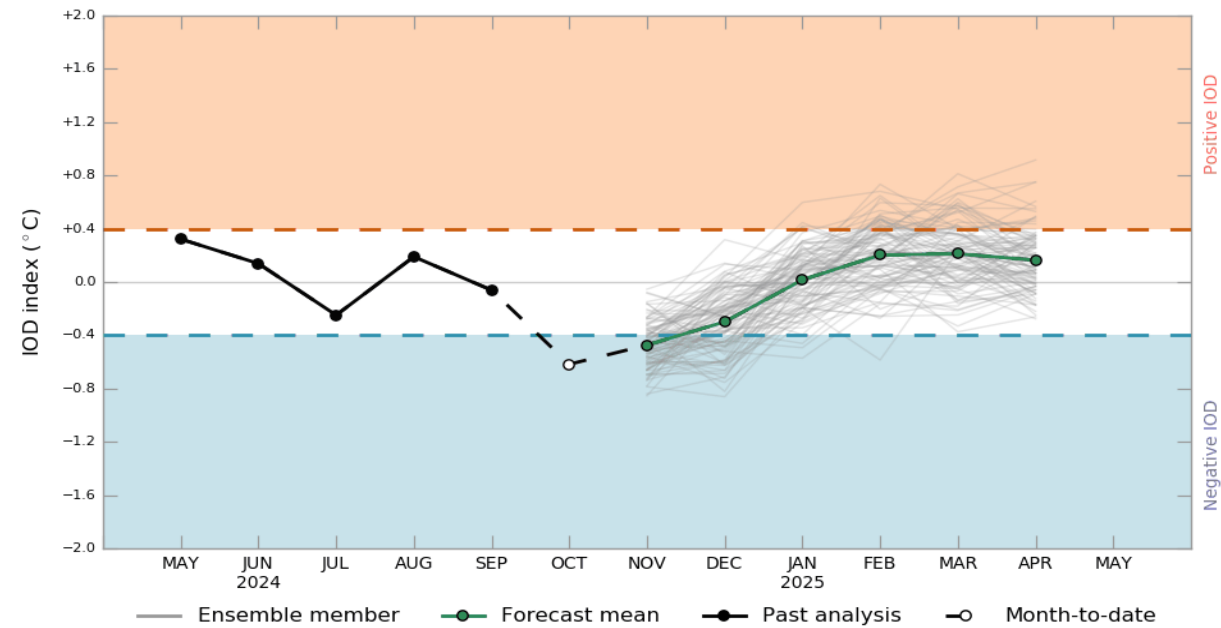


www.bom.gov.au/climate  
Commonwealth of Australia 2024, Australian Bureau of Meteorology

Past analysis base period: 1991-2020  
Forecast base period: 1981-2018

Model: ACCESS-S2  
Model run: 26 Oct 2024

### IOD index

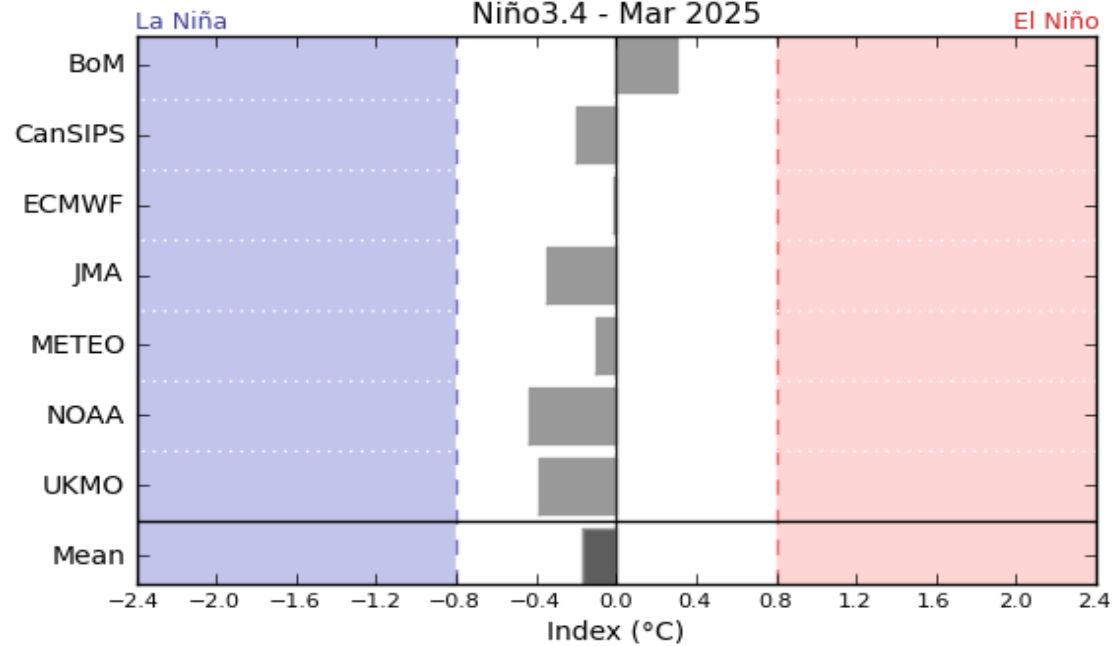


www.bom.gov.au/climate  
Commonwealth of Australia 2024, Australian Bureau of Meteorology

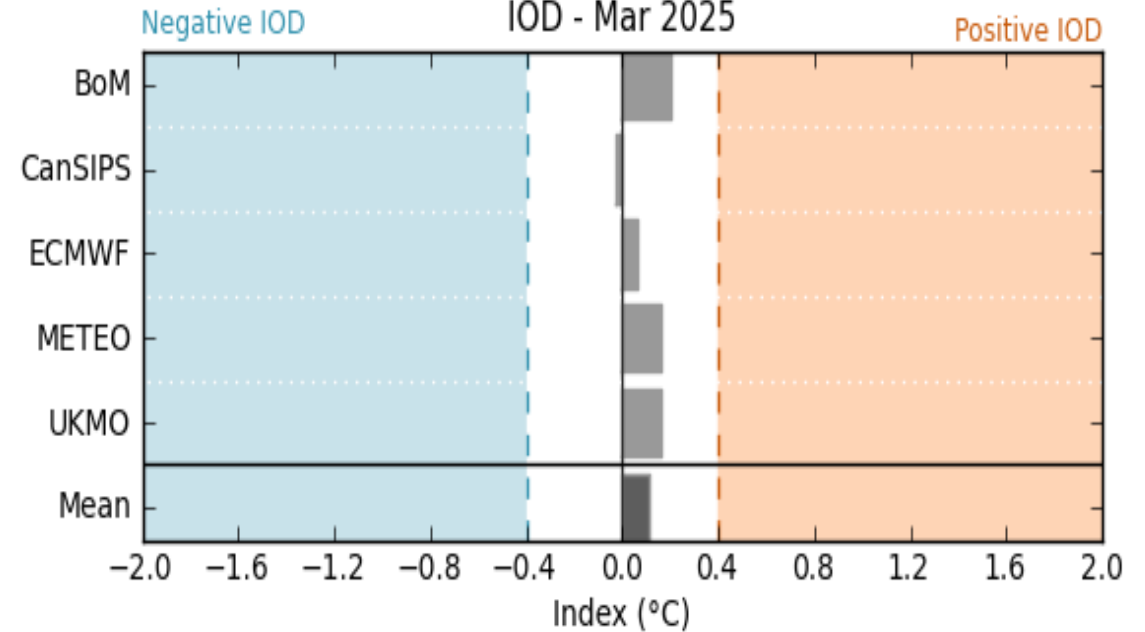
Past analysis base period: 1991-2020  
Forecast base period: 1981-2018

Model: ACCESS-S2  
Model run: 26 Oct 2024

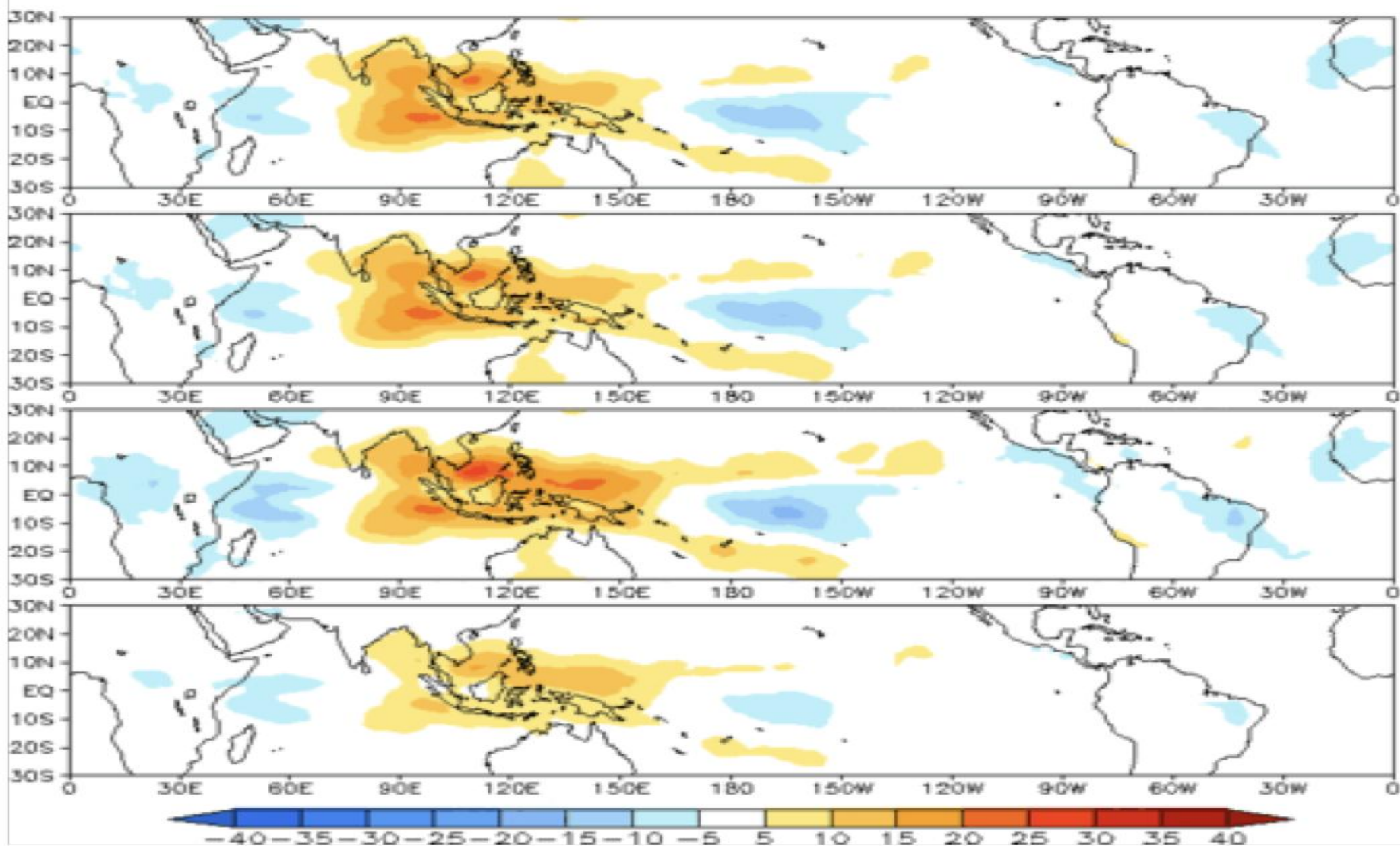
### Niño3.4 - Mar 2025



### IOD - Mar 2025



Prediction of MJO-related anomalies using GEFS operational forecast  
Initial date: 03 Nov 2024  
OLR



Initial Date  
(03 Nov 2024)

Days 1–5 Ave  
Forecast

Days 6–10 Ave  
Forecast

Days 11–15 Ave  
Forecast

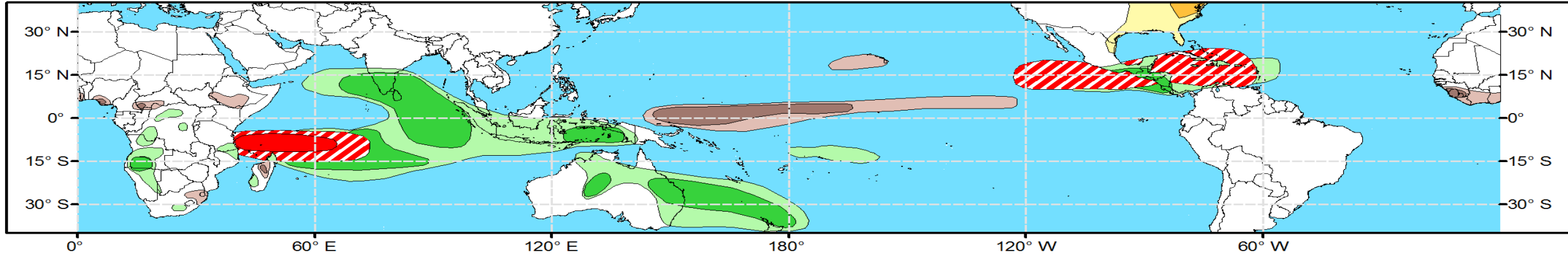


# Global Tropics Hazards Outlook

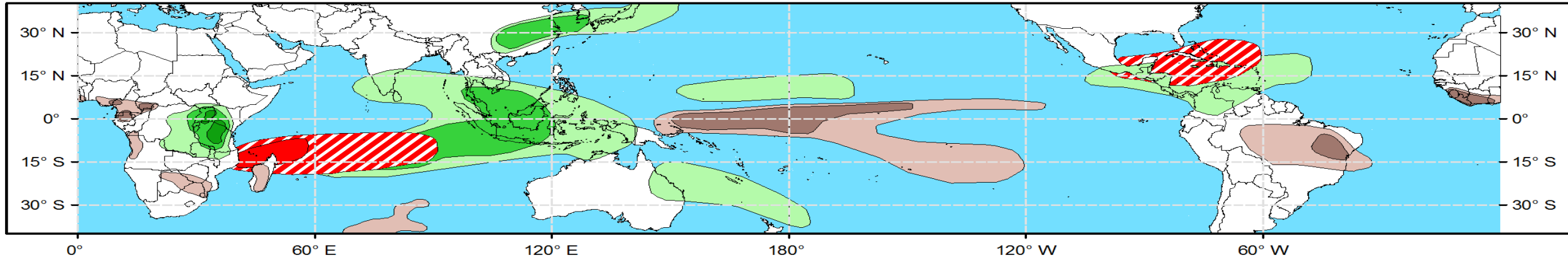
Climate Prediction Center



**Week 2 - Valid: Nov 13, 2024 - Nov 19, 2024**



**Week 3 - Valid: Nov 20, 2024 - Nov 26, 2024**



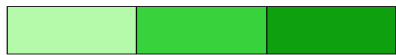
**Tropical Cyclone (TC)  
Formation Probability**



>20% >40% >60%

*Tropical Depression (TD)  
or greater strength*

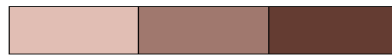
**Above-Average  
Rainfall Probability**



>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*

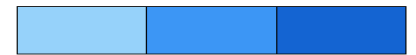
**Above-Average  
Temperatures Probability**



>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: 11/05/2024**

**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.**