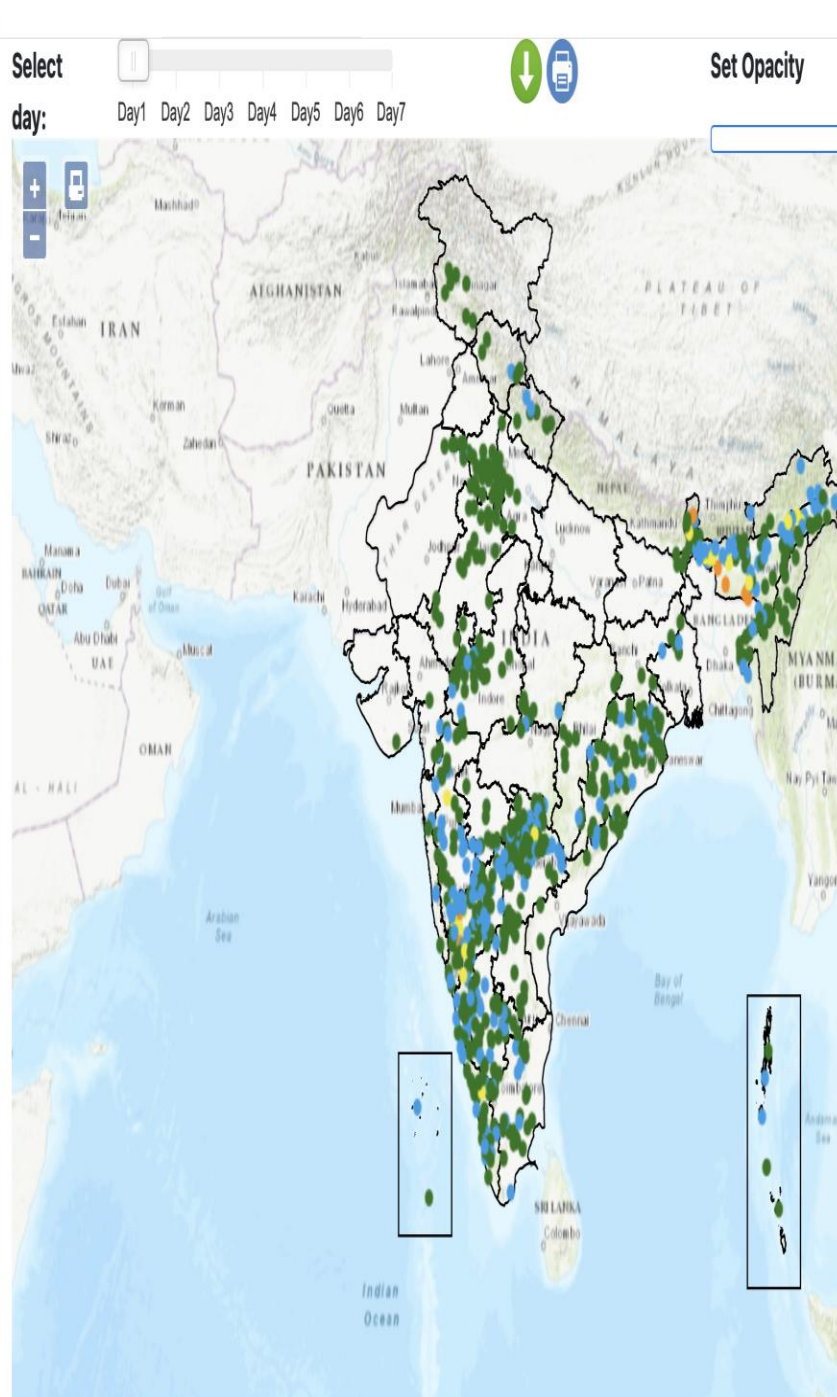


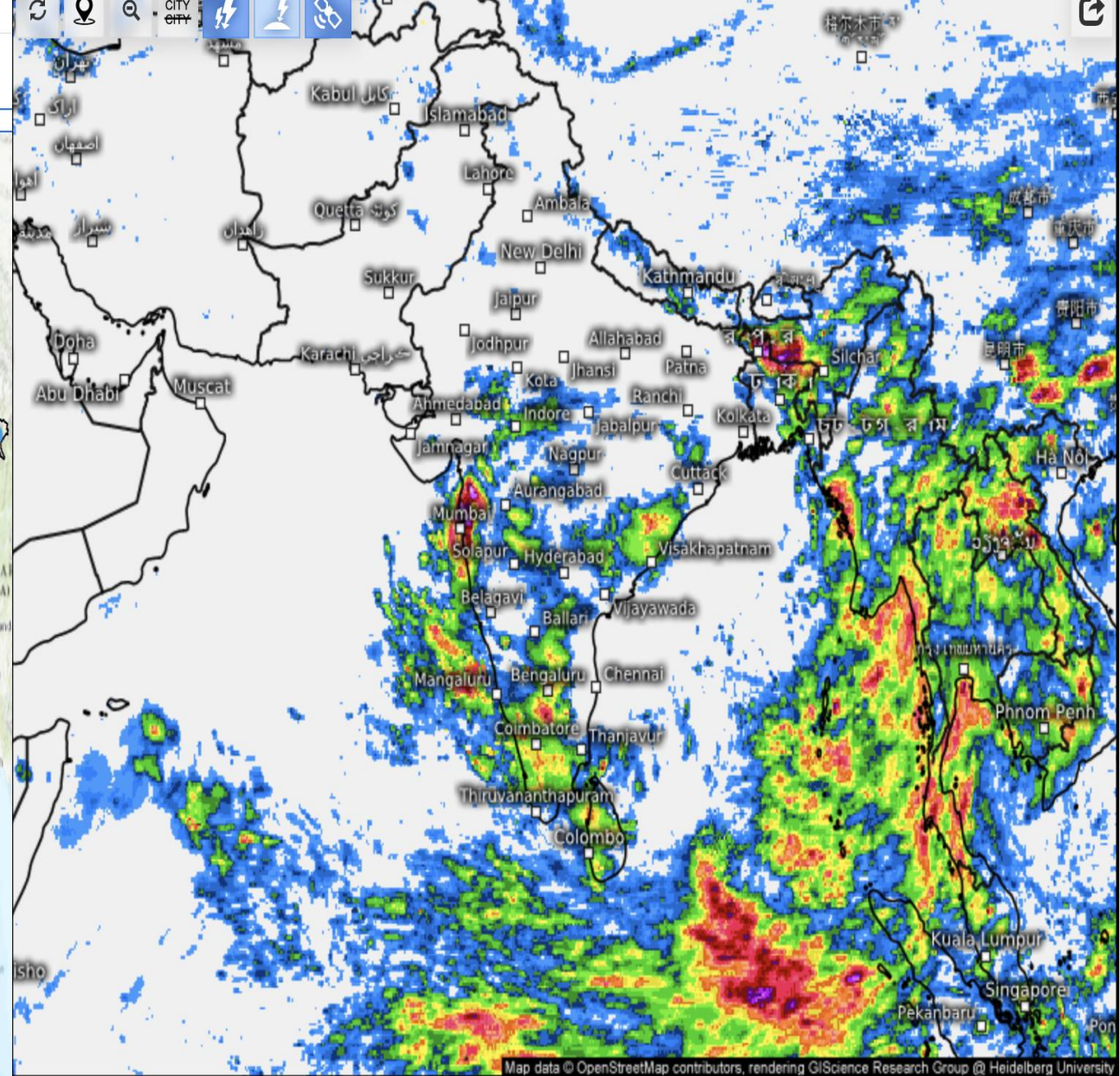
- ☒ Day 1 (08:30 IST 14/5/2025 - 08:30 IST 15/5/2025)
- ☐ Day 2 (08:30 IST 13/5/2025 - 08:30 IST 15/5/2025)
- ☐ Day 3 (08:30 IST 12/5/2025 - 08:30 IST 15/5/2025)
- ☐ Day 4 (08:30 IST 11/5/2025 - 08:30 IST 15/5/2025)
- ☐ Day 5 (08:30 IST 10/5/2025 - 08:30 IST 15/5/2025)
- ☐ Day 6 (08:30 IST 09/5/2025 - 08:30 IST 15/5/2025)
- ☐ Day 7 (08:30 IST 08/5/2025 - 08:30 IST 15/5/2025)

Legend: (Rainfall in mm)

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

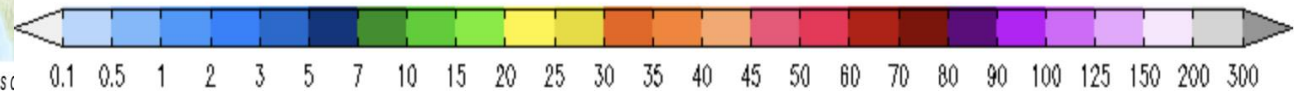


"Disclaimer: The displayed rainfall analysis products are generated directly from the District-wise Rainfall Monitoring Scheme (DRMS) stations c



Accumulated Precipitation, 24h (Satellite) (mm)

Thu 05/15/2025, 05:30am IST



Day 2 (08:30 IST 13/5/2025 - 08:30 IST 15/5/2025)

Day 3 (08:30 IST 12/5/2025 - 08:30 IST 15/5/2025)

Day 4 (08:30 IST 11/5/2025 - 08:30 IST 15/5/2025)

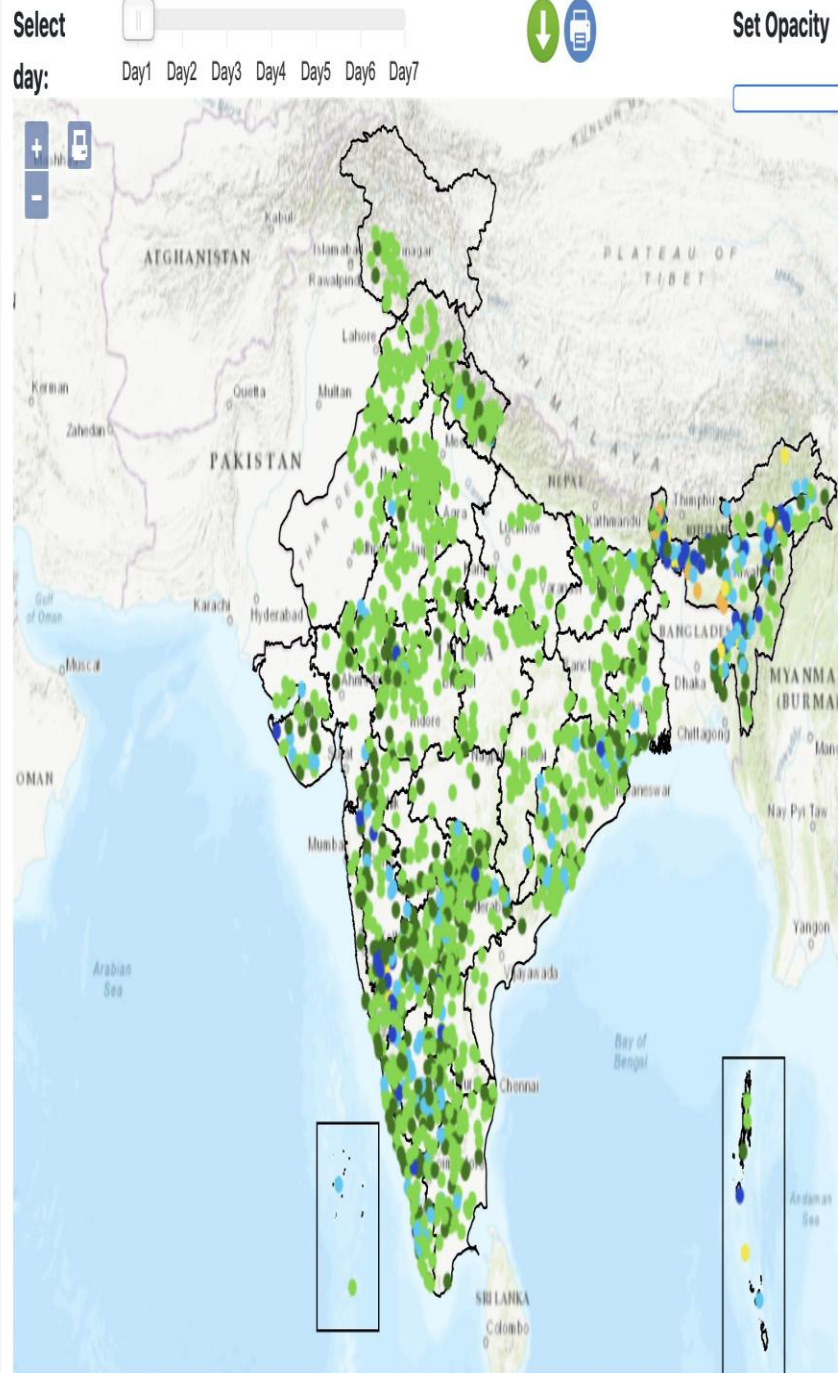
Day 5 (08:30 IST 10/5/2025 - 08:30 IST 15/5/2025)

Day 6 (08:30 IST 09/5/2025 - 08:30 IST 15/5/2025)

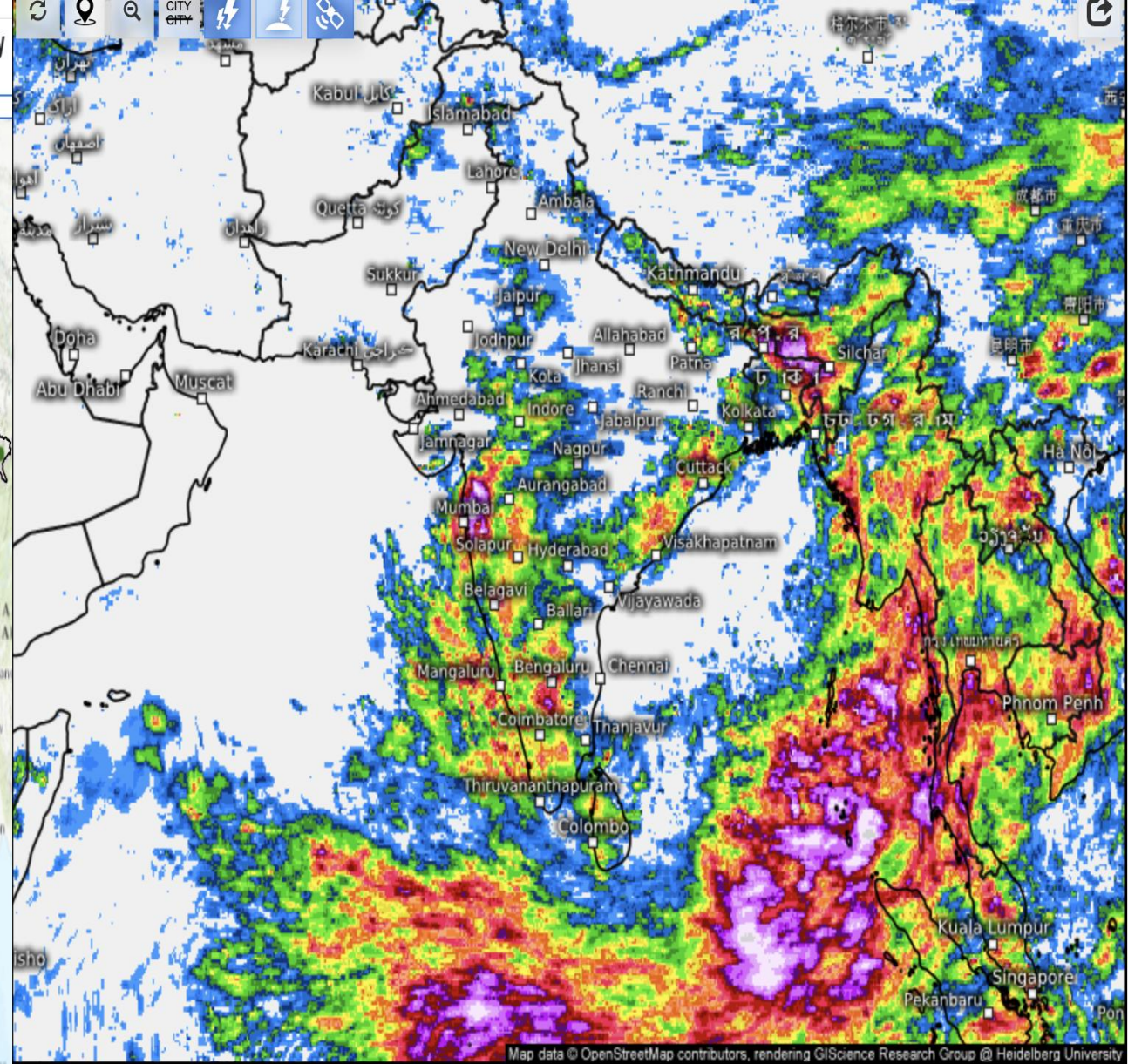
Day 7 (08:30 IST 08/5/2025 - 08:30 IST 15/5/2025)

Legend: (Rainfall in mm)

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

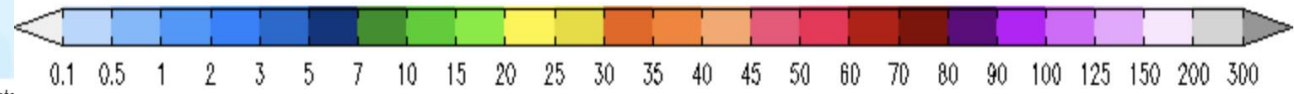


"Disclaimer: The displayed rainfall analysis products are generated directly from the District-wise Rainfall Monitoring Scheme(DRMS) sta



Accumulated Precipitation, 72h (Satellite) (mm)

Thu 05/15/2025, 05:30am IST



Day 2 (08:30 IST 13/5/2025 - 08:30 IST 15/5/2025)

Day 3 (08:30 IST 12/5/2025 - 08:30 IST 15/5/2025)

Day 4 (08:30 IST 11/5/2025 - 08:30 IST 15/5/2025)

Day 5 (08:30 IST 10/5/2025 - 08:30 IST 15/5/2025)

Day 6 (08:30 IST 09/5/2025 - 08:30 IST 15/5/2025)

Day 7 (08:30 IST 08/5/2025 - 08:30 IST 15/5/2025)

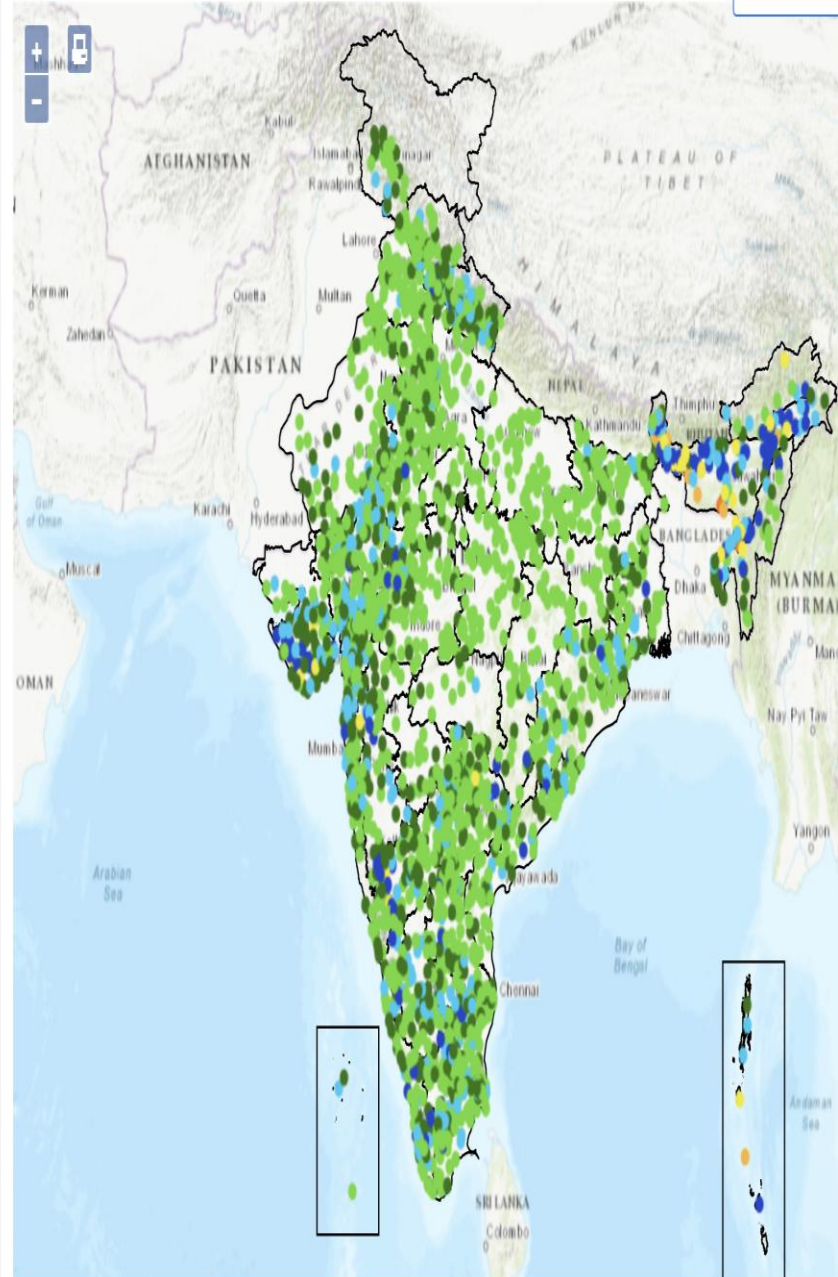
Legend: (Rainfall in mm)

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

Select

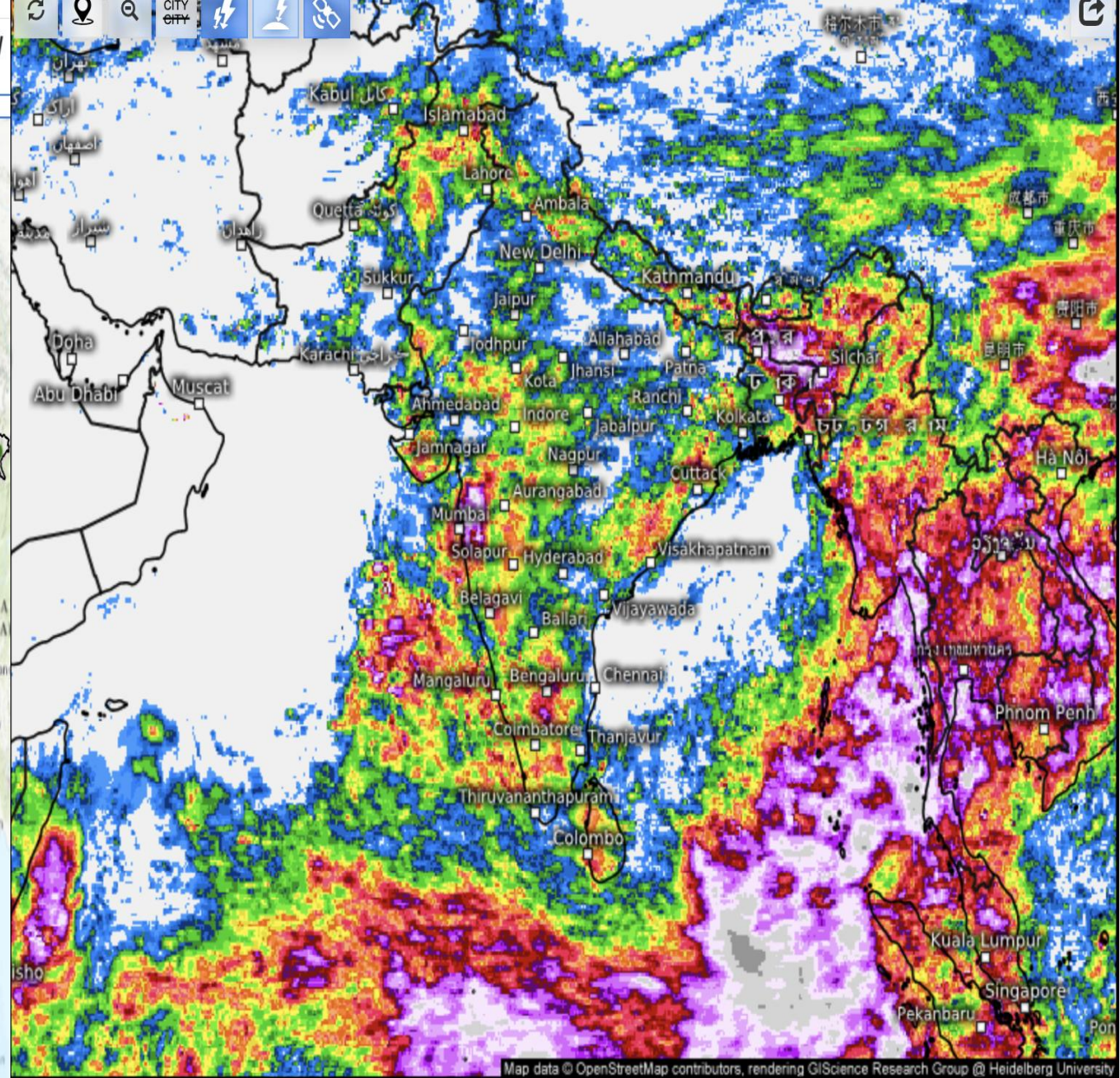
day:

Day1 Day2 Day3 Day4 Day5 Day6 Day7



"Disclaimer: The displayed rainfall analysis products are generated directly from the District-wise Rainfall Monitoring Scheme(DRMS) sta

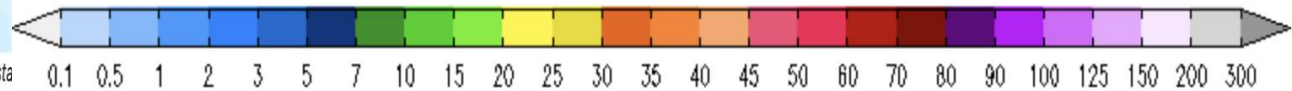
Set Opacity

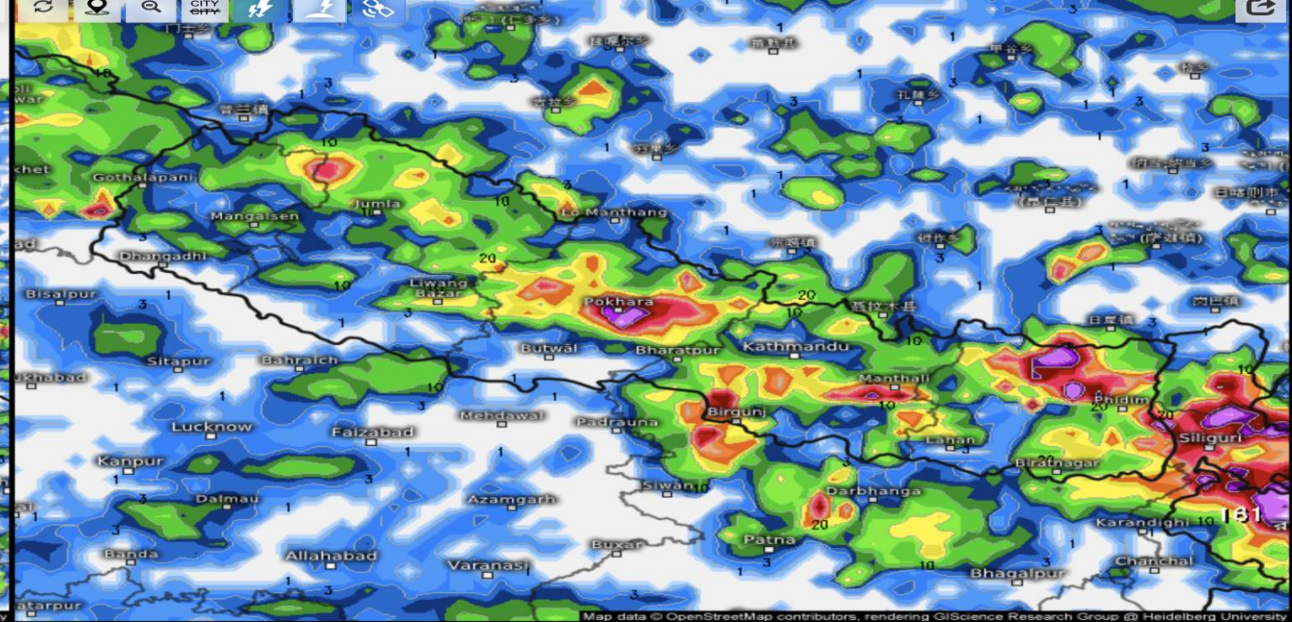
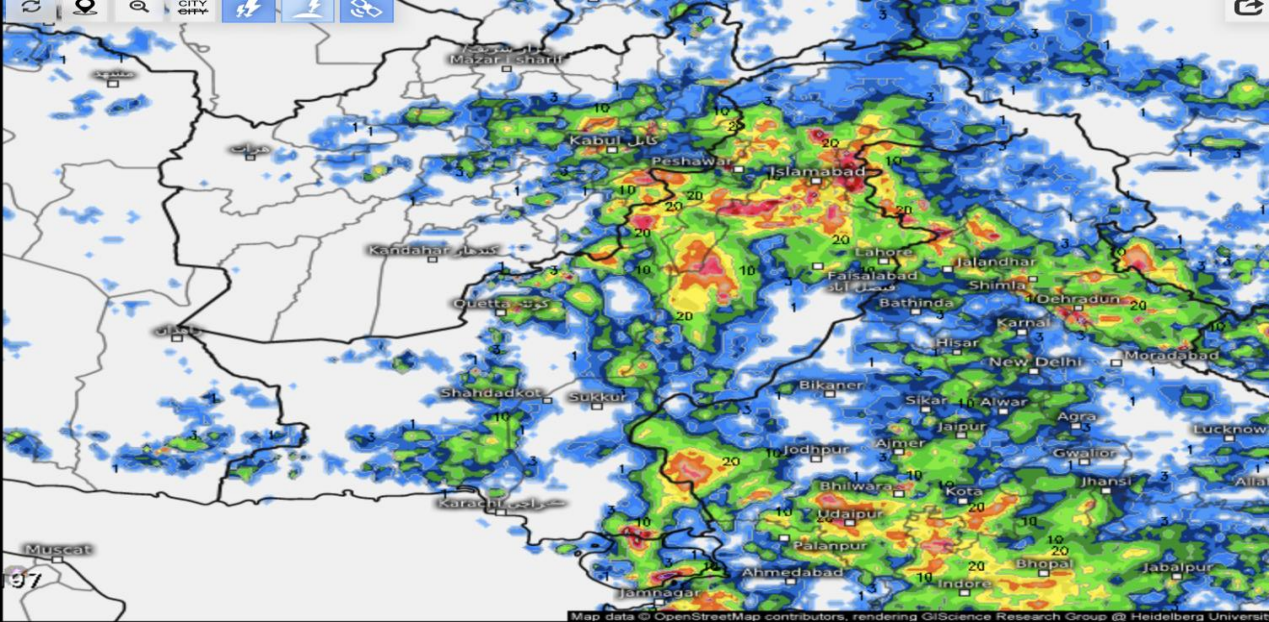


Accumulated Precipitation, 7 days (Satellite) (mm)



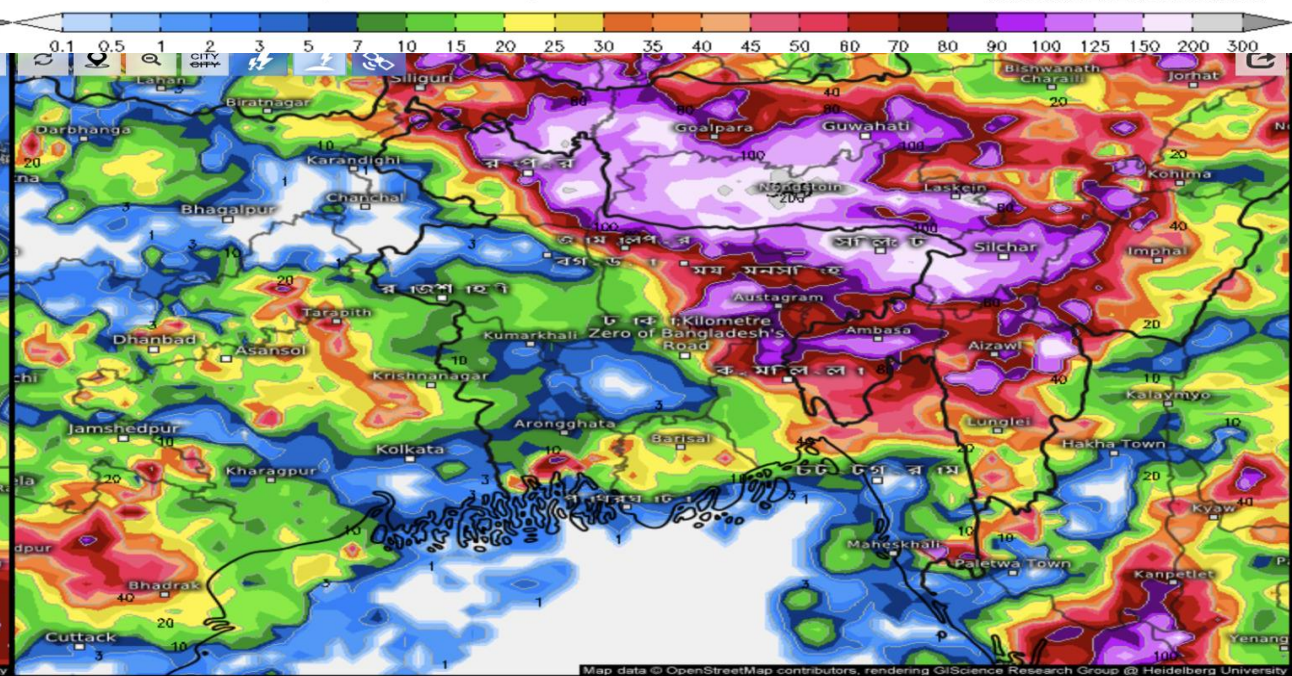
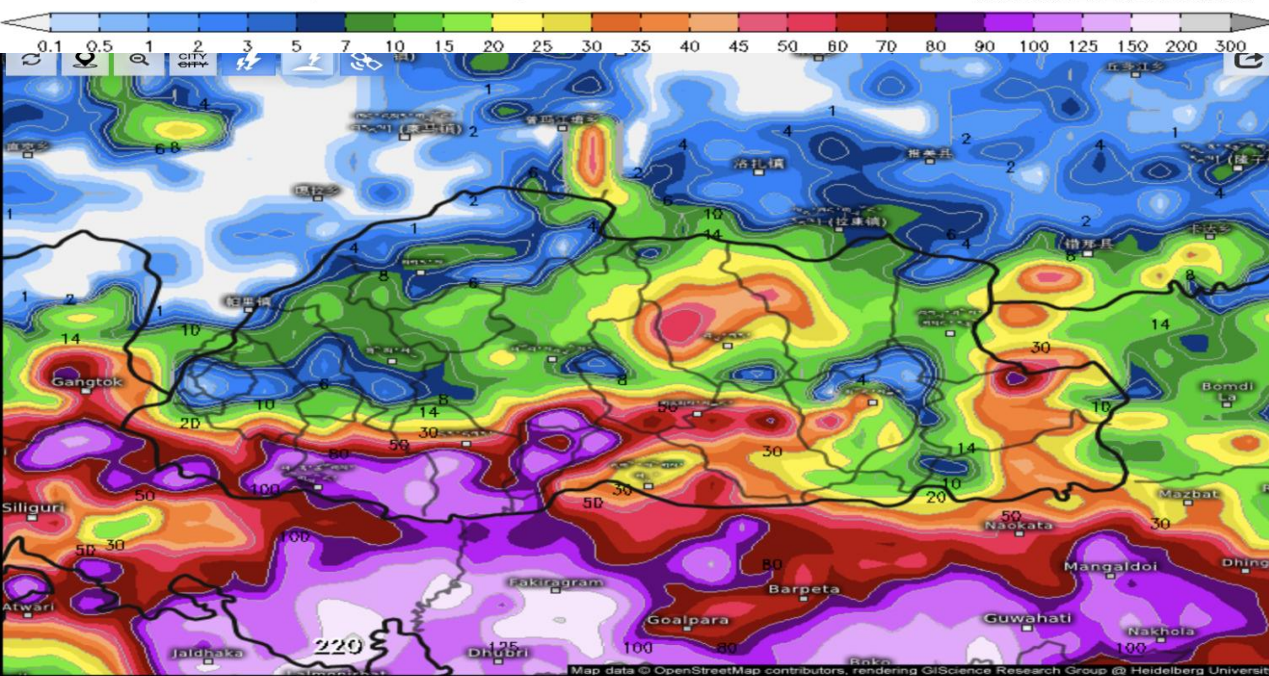
Thu 05/15/2025, 05:30am IST





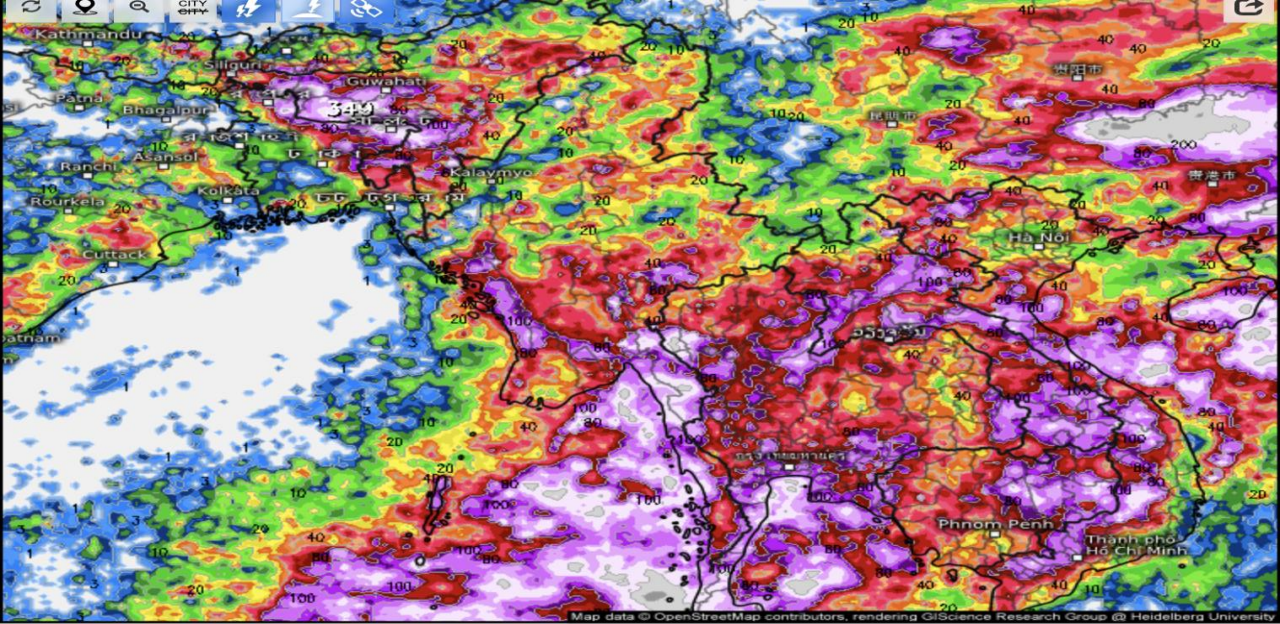
Accumulated Precipitation, 7 days (Satellite) (mm) ⓘ Thu 05/15/2025, 05:30am IST

Accumulated Precipitation, 7 days (Satellite) (mm) ⓘ Thu 05/15/2025, 05:30am IST

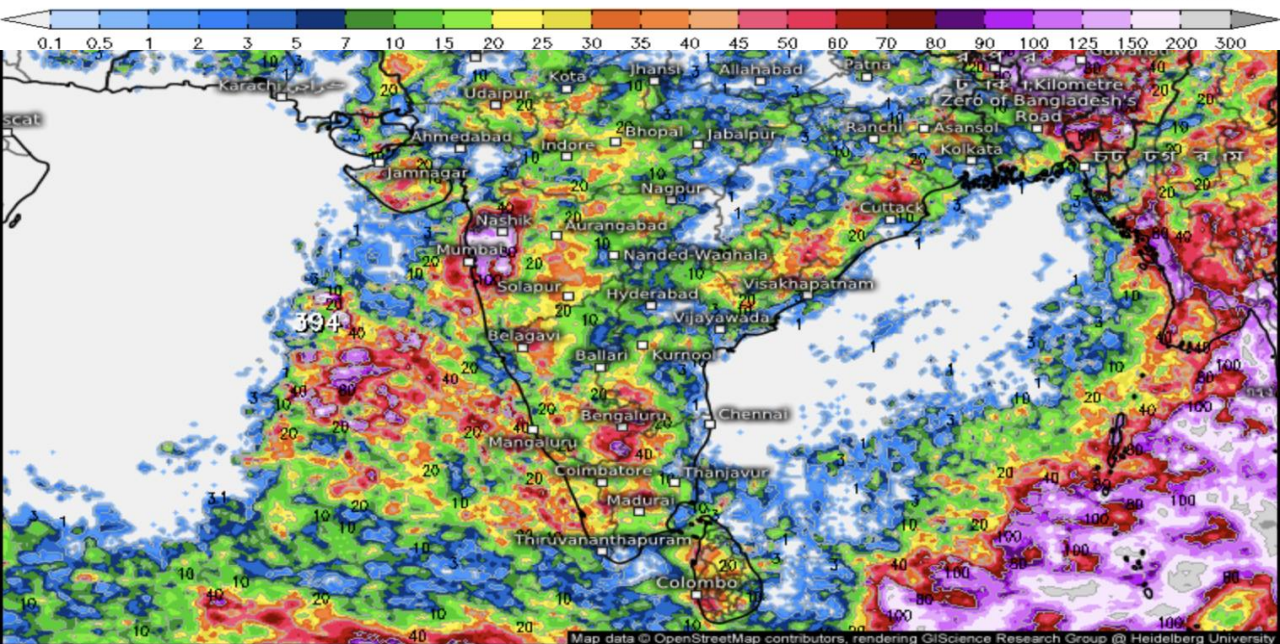


Accumulated Precipitation, 7 days (Satellite) (mm) ⓘ Thu 05/15/2025, 05:30am IST

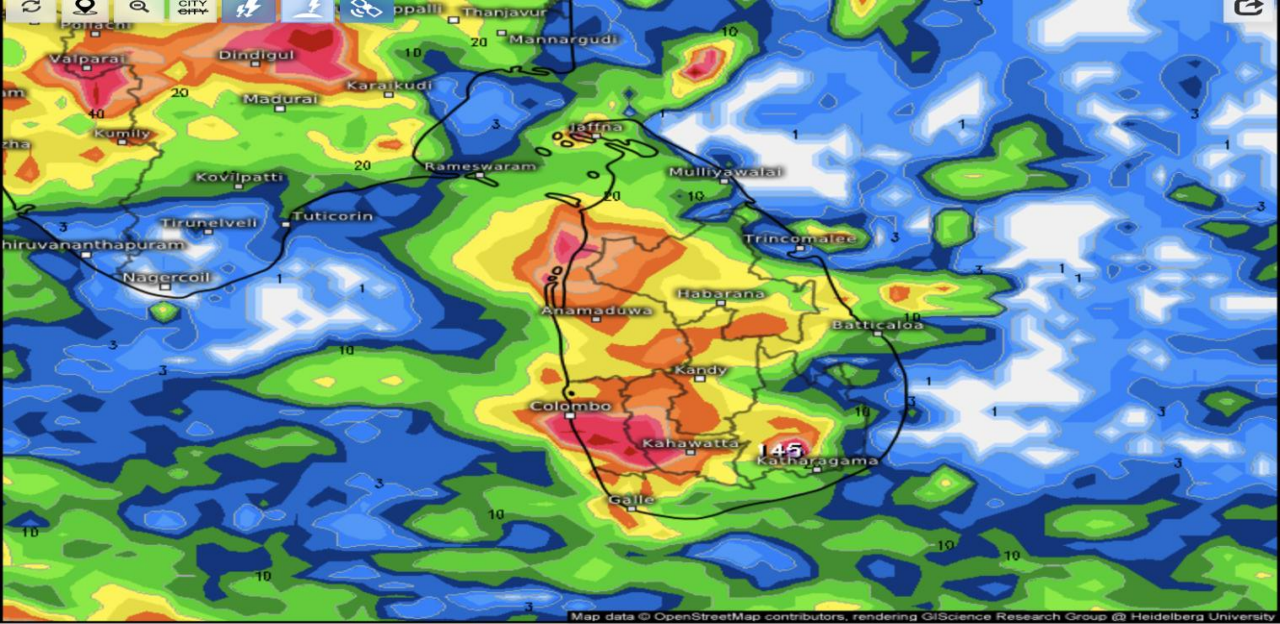
Accumulated Precipitation, 7 days (Satellite) (mm) ⓘ Thu 05/15/2025, 05:30am IST



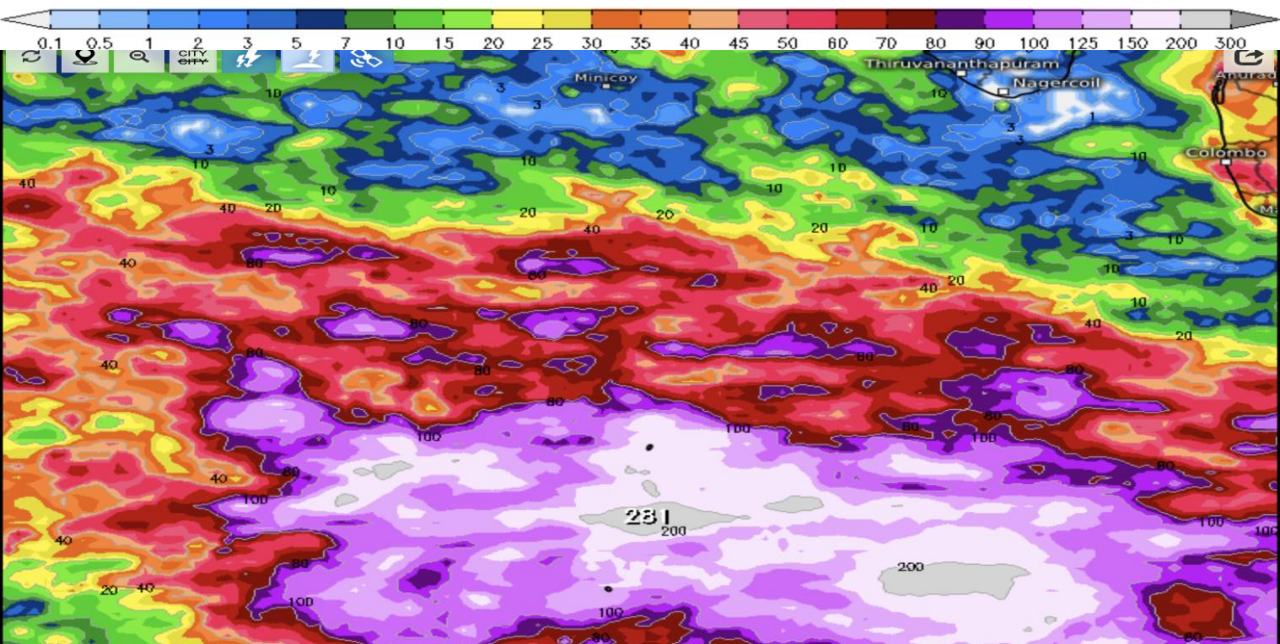
Accumulated Precipitation, 7 days (Satellite) (mm) Thu 05/15/2025, 05:30am IST



Accumulated Precipitation, 7 days (Satellite) (mm) Thu 05/15/2025, 05:30am IST



Accumulated Precipitation, 7 days (Satellite) (mm) Thu 05/15/2025, 05:30am IST



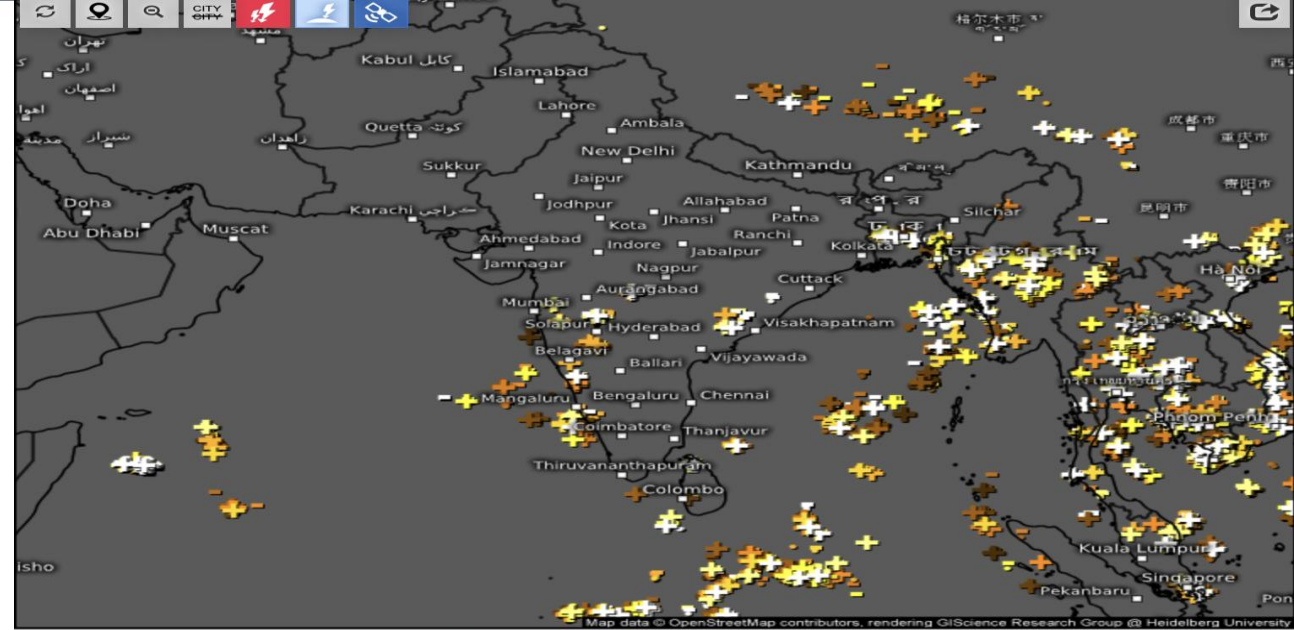
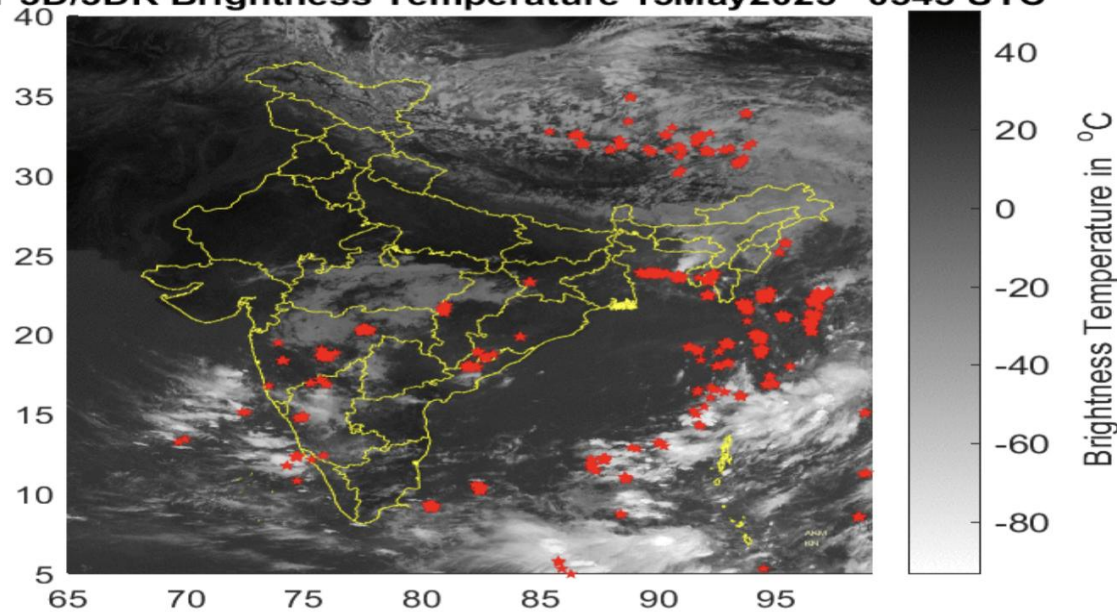
Accumulated Precipitation, 7 days (Satellite) (mm) Thu 05/15/2025, 05:30am IST



INDIA METEOROLOGICAL DEPARTMENT

Lightning : 15May2025 0620 UTC : Last 10min

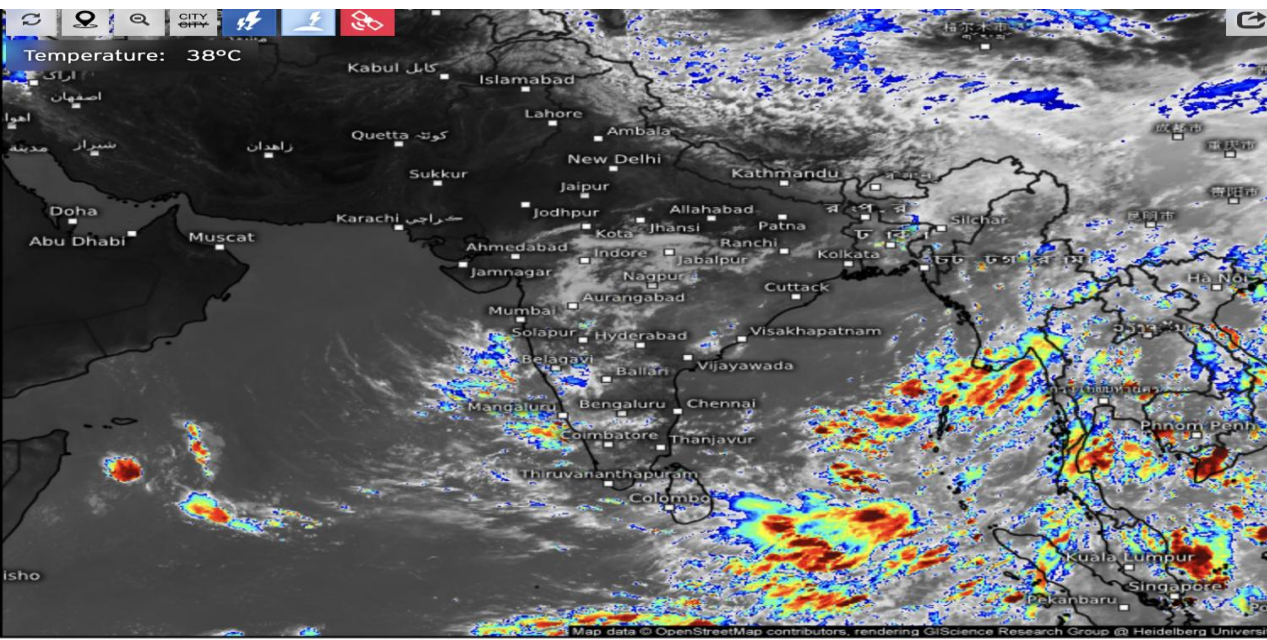
INSAT 3D/3DR Brightness Temperature 15May2025 0545 UTC



Age of lightning (minutes)



Thu 05/15/2025, 12:00pm IST



Satellite Cloud Tops Alert

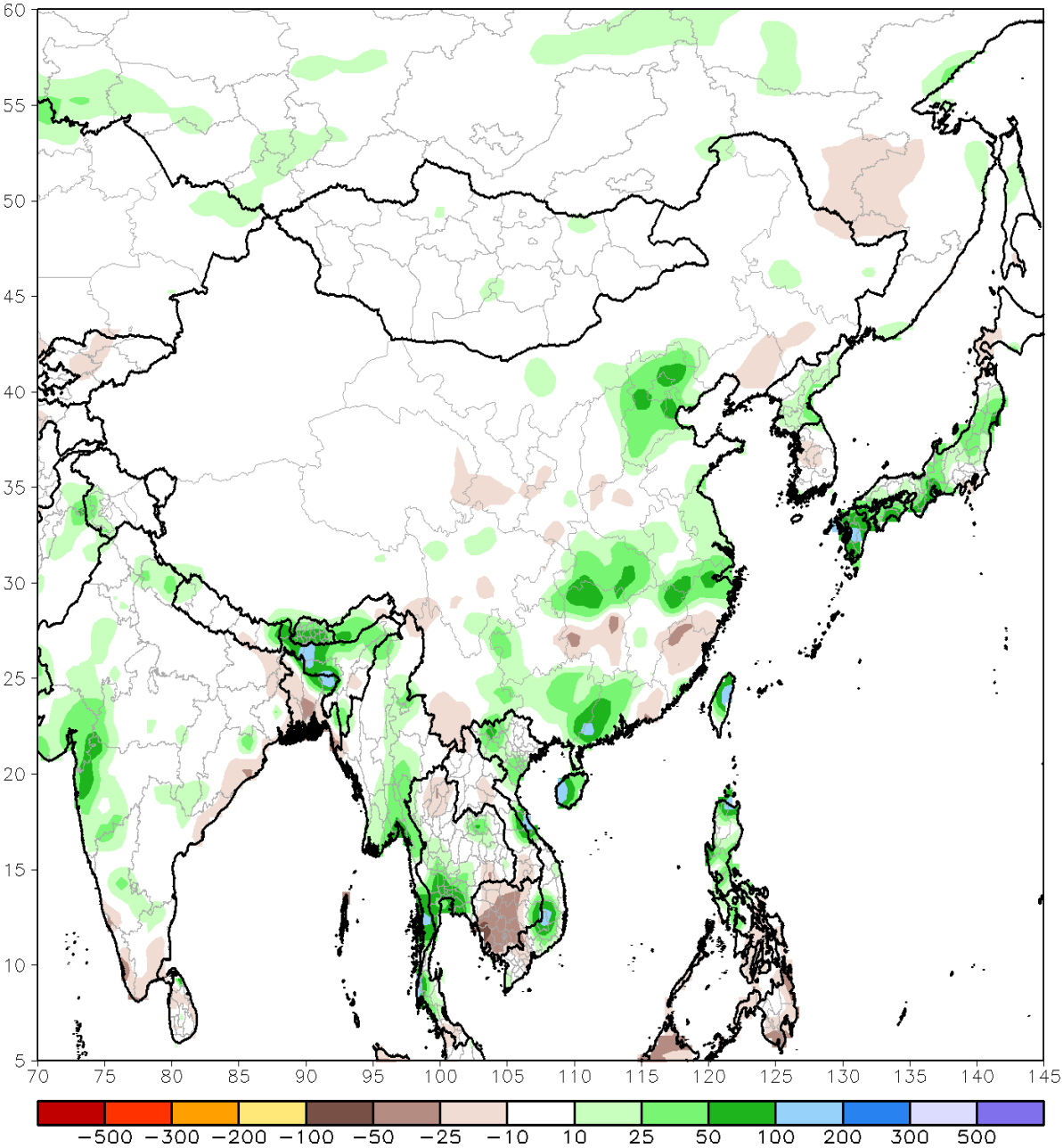


Thu 05/15/2025, 11:45am IST



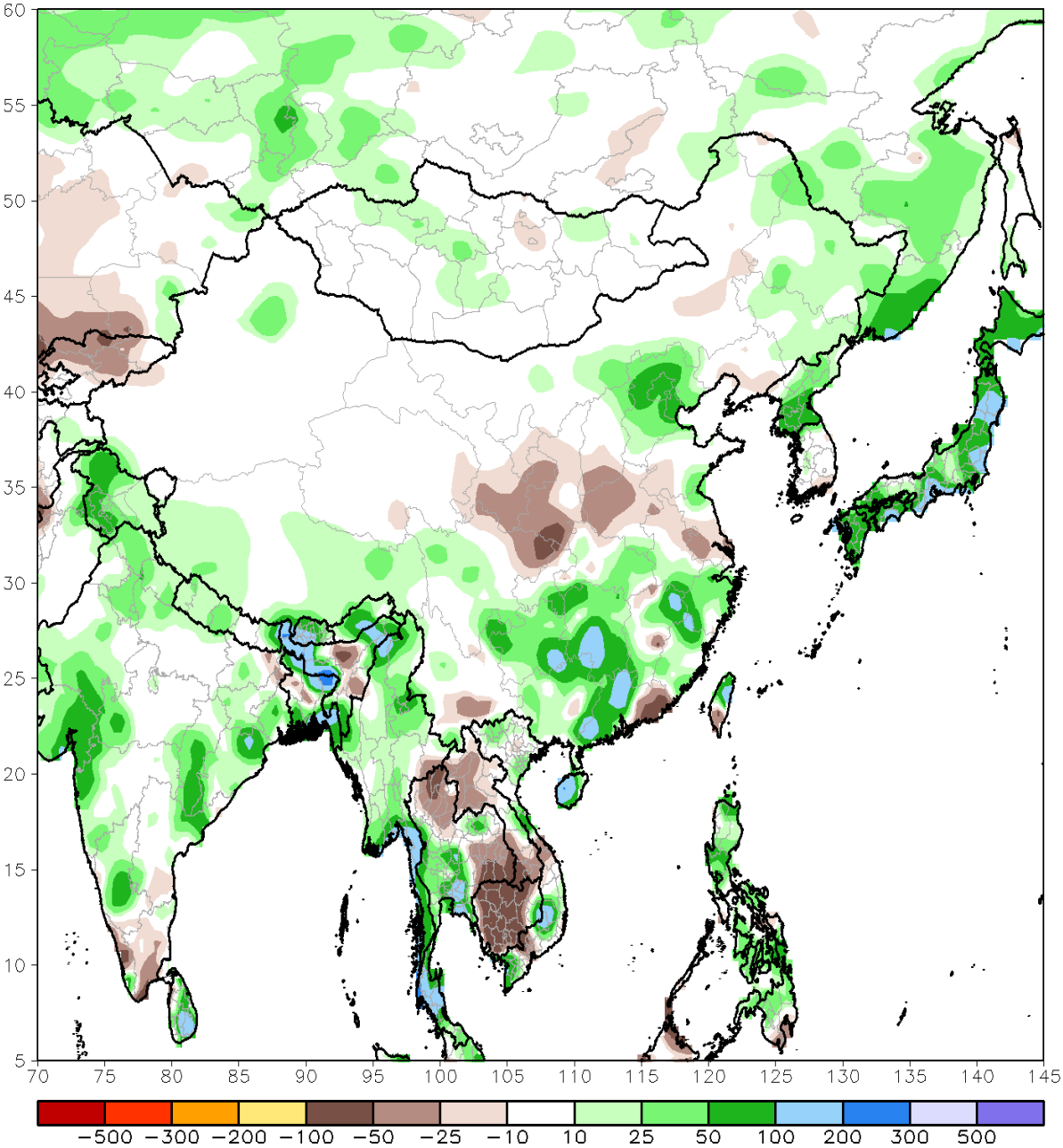
CPC Unified Gauge 7-Day Total Rainfall Anomaly (mm)

Period: 07May2025 - 13May2025

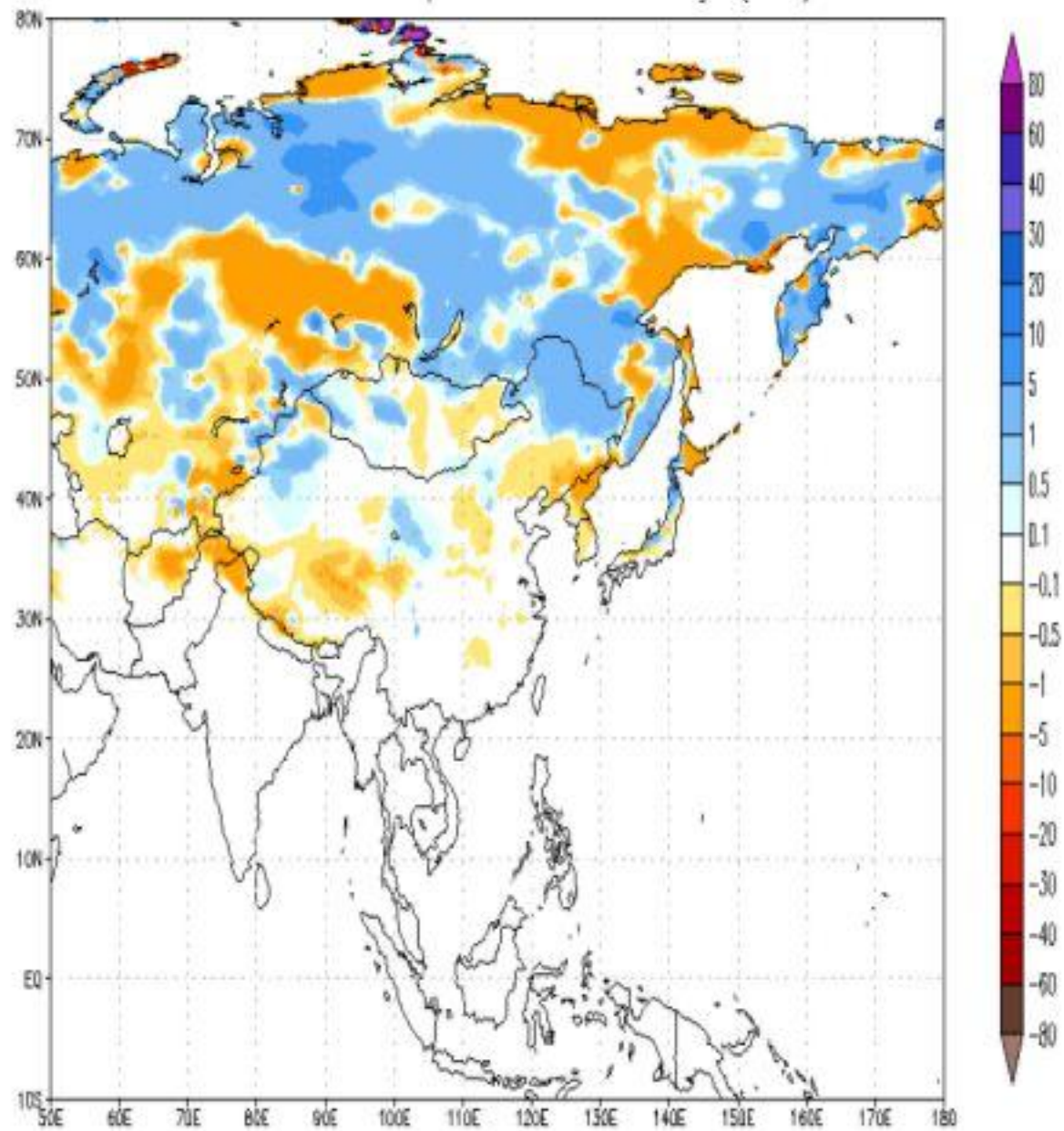


CPC Unified Gauge 30-Day Total Rainfall Anomaly (mm)

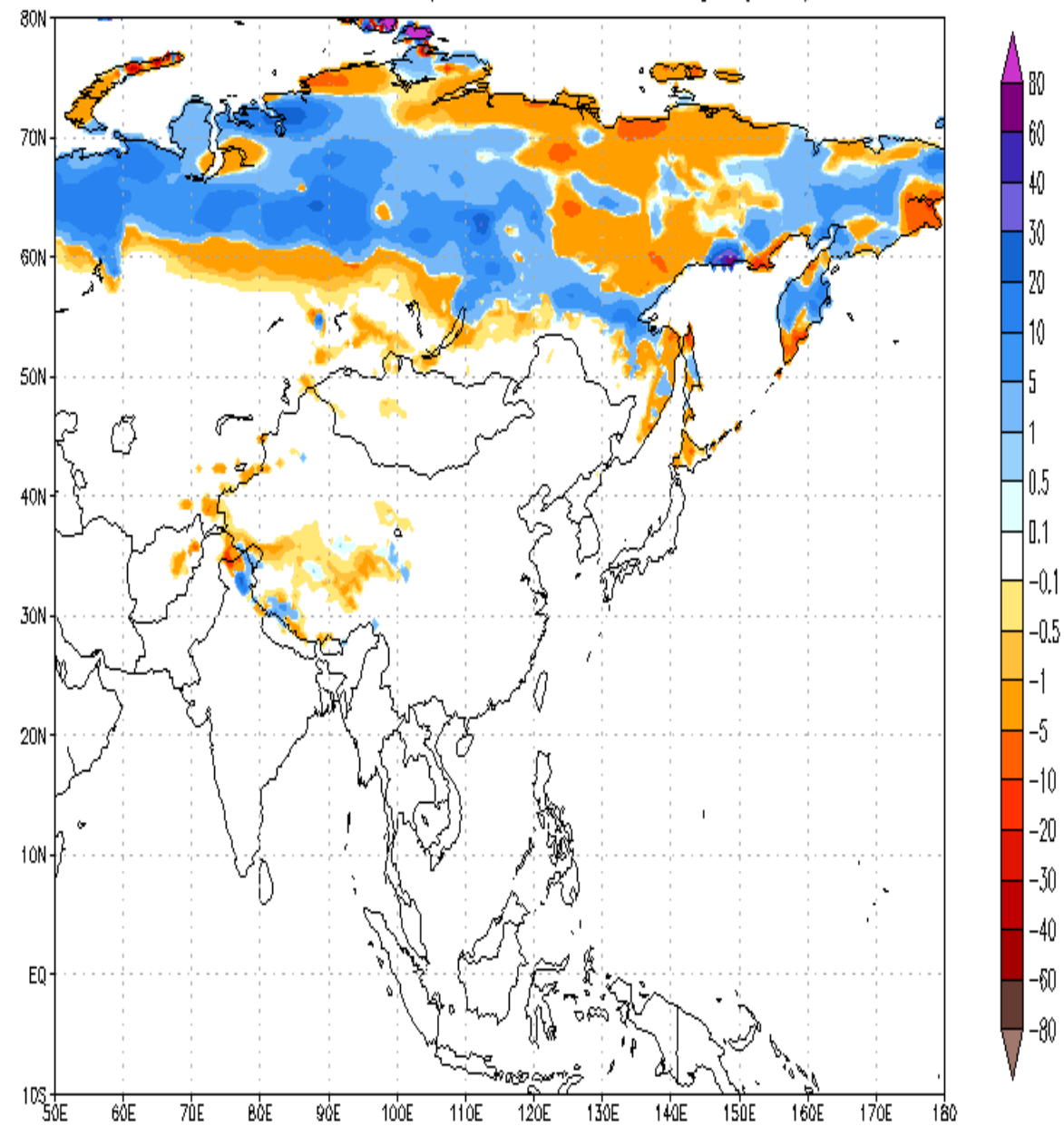
Period: 14Apr2025 - 13May2025

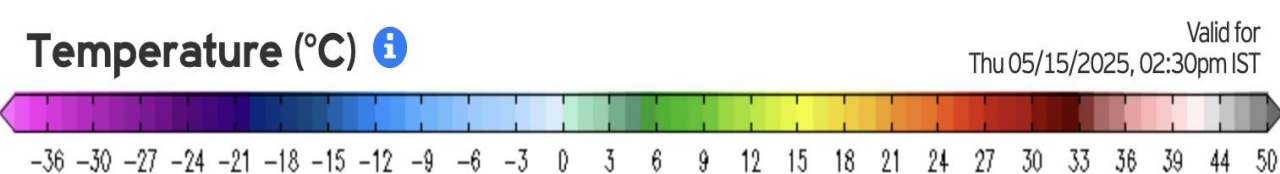
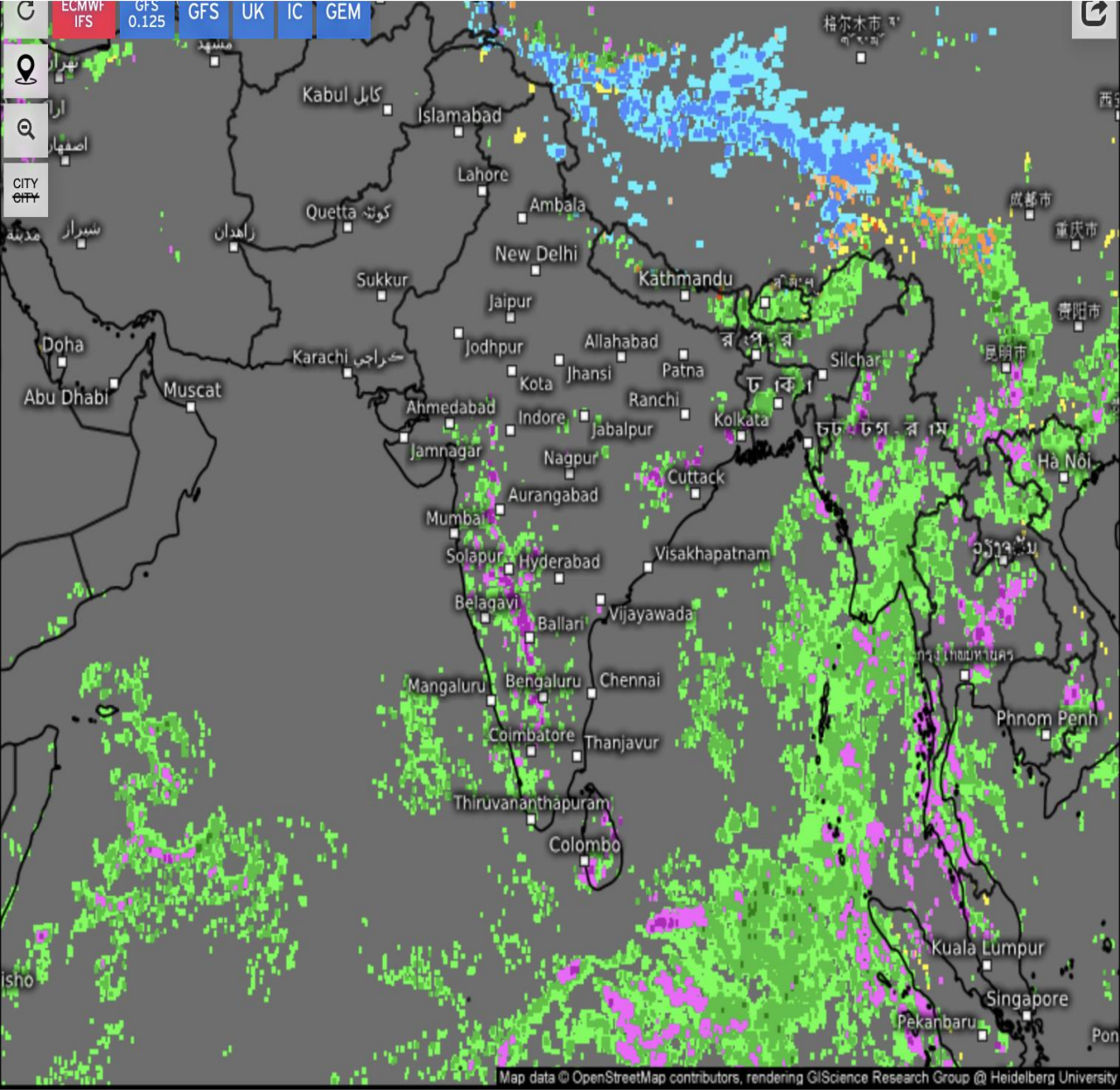
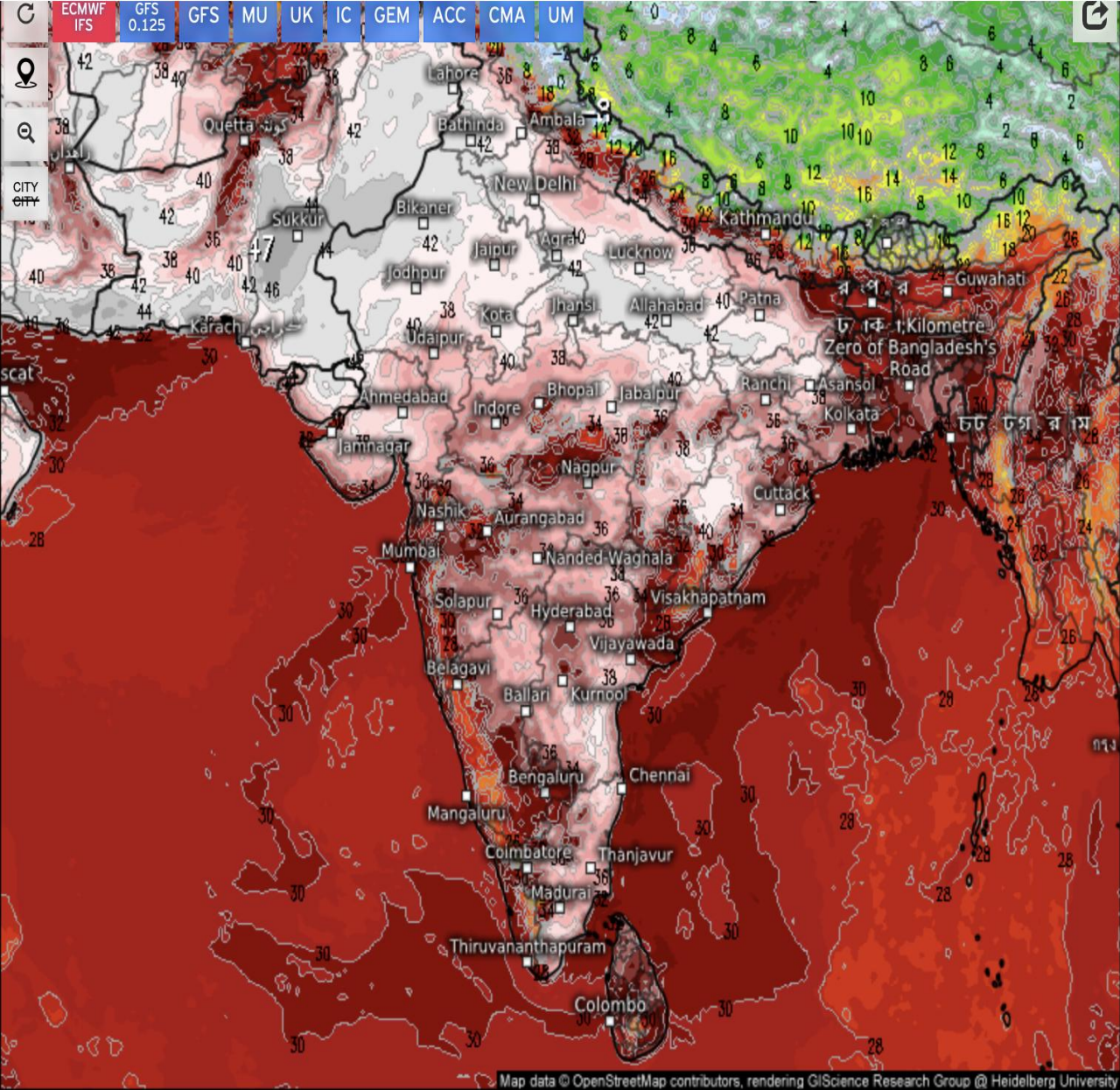


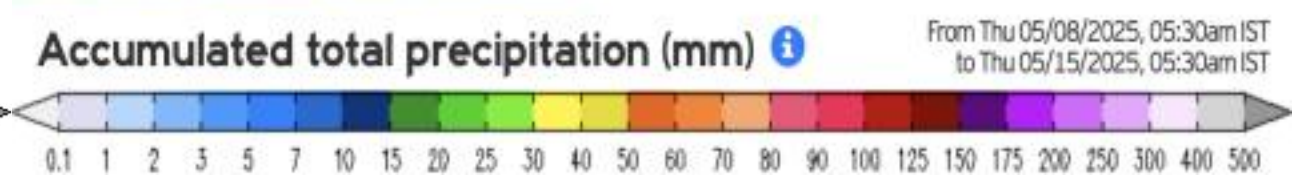
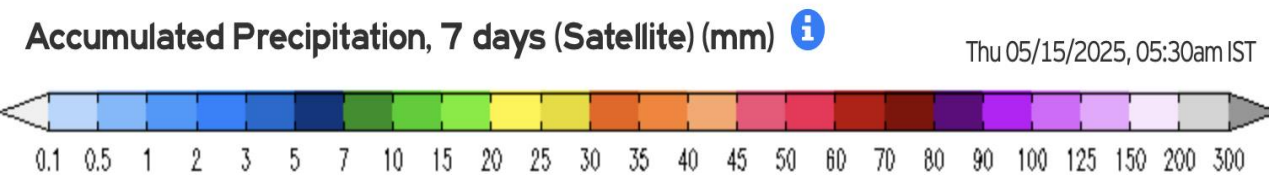
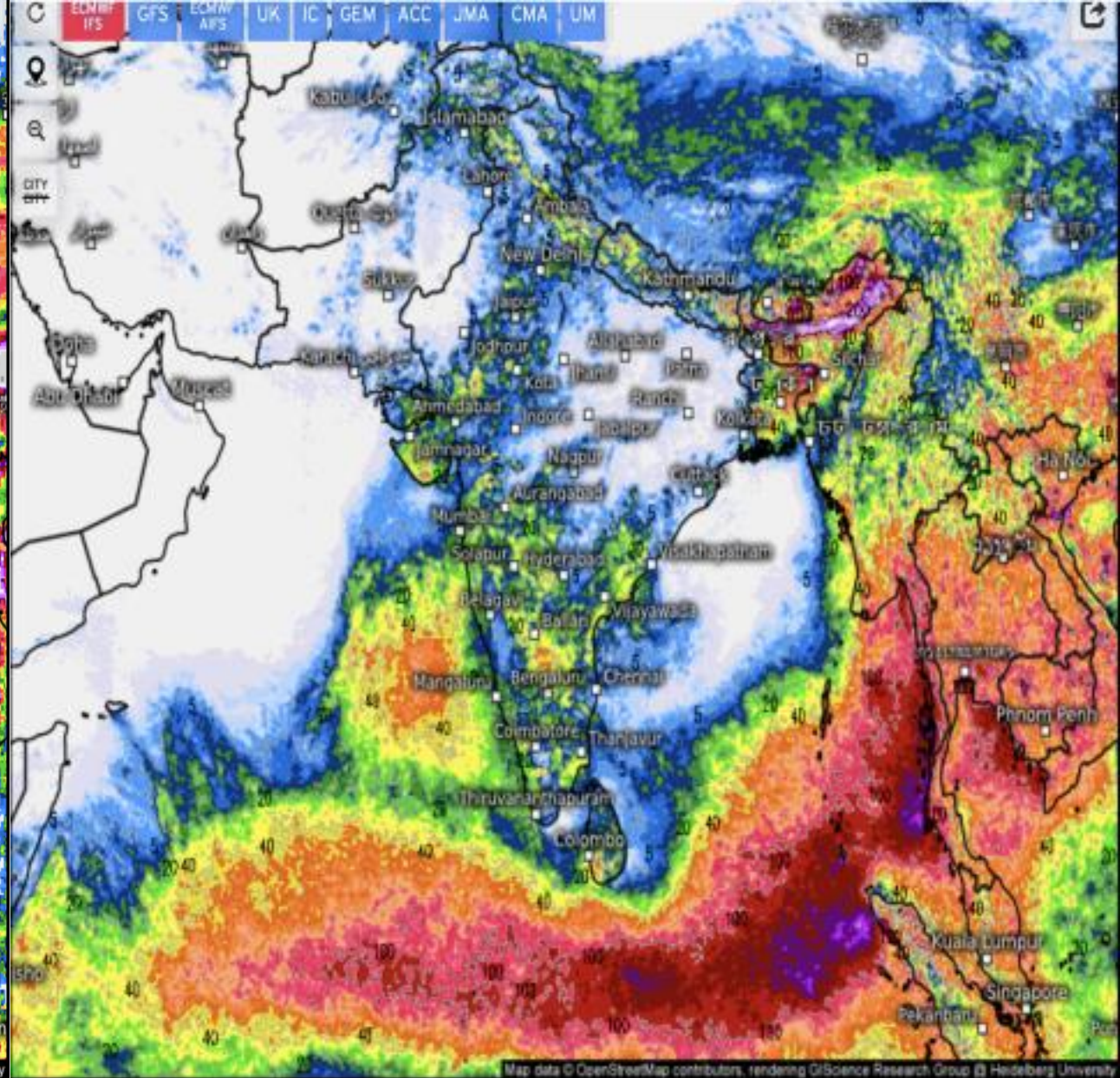
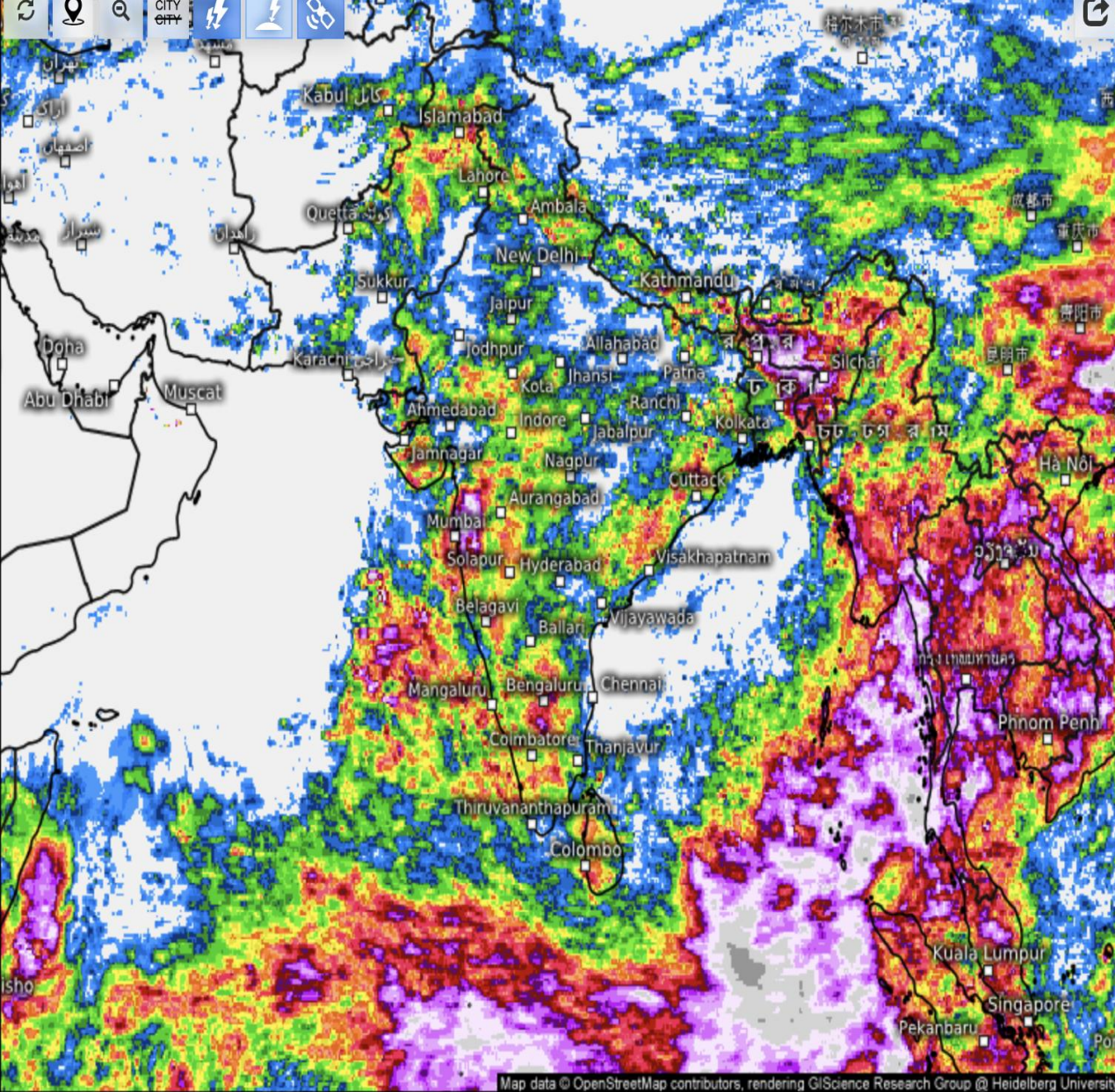
Calculated Snow Water Equivalent Anomaly (cm) 20241224

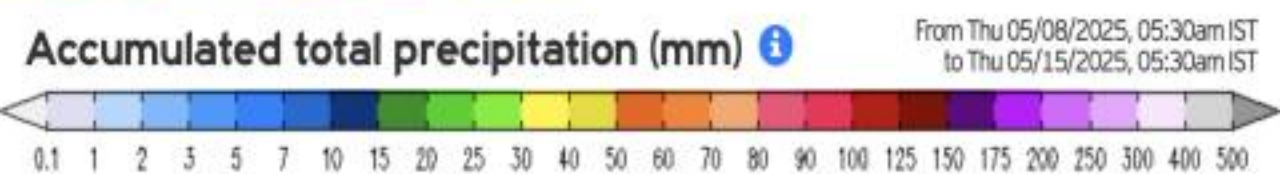
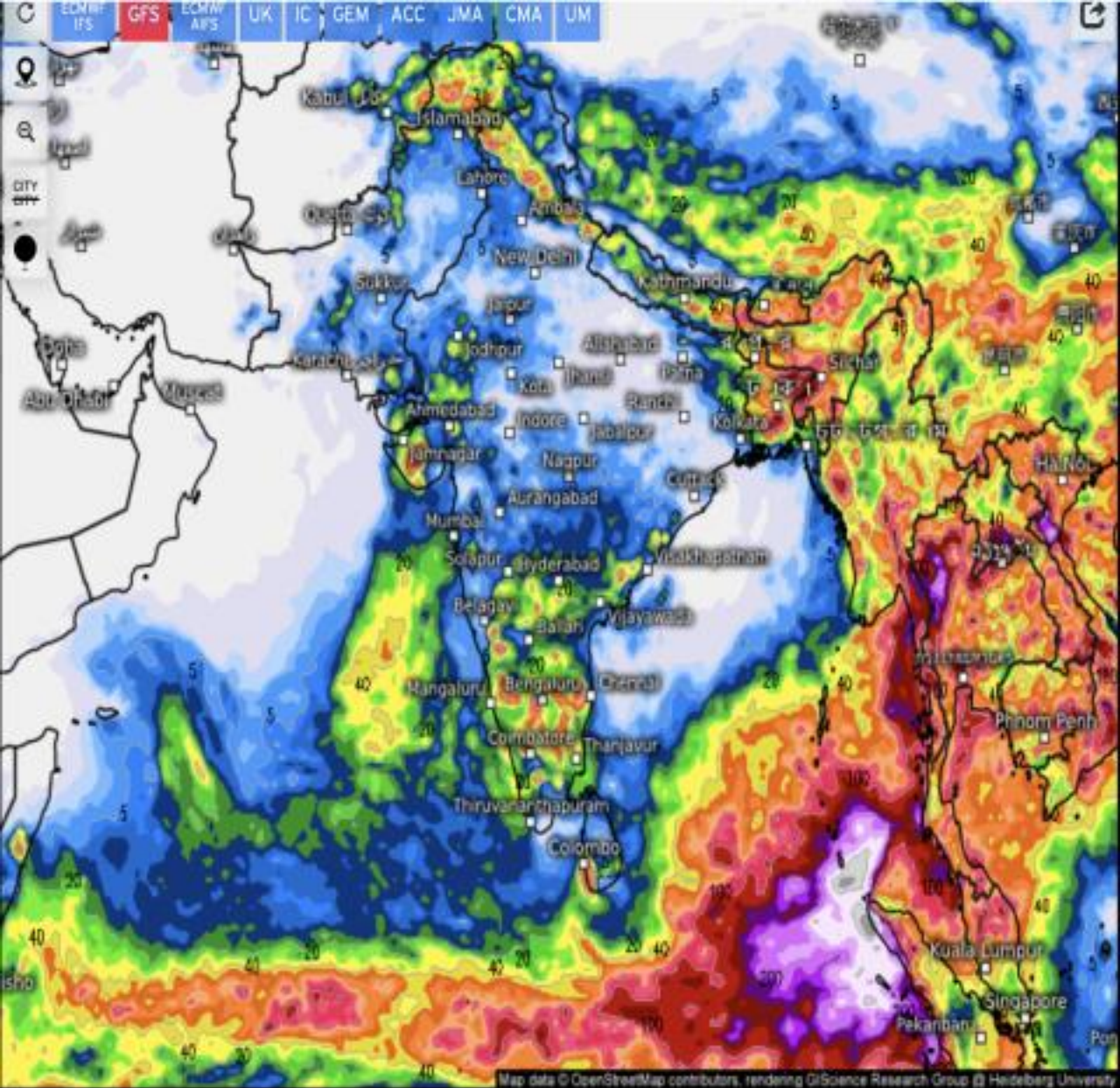
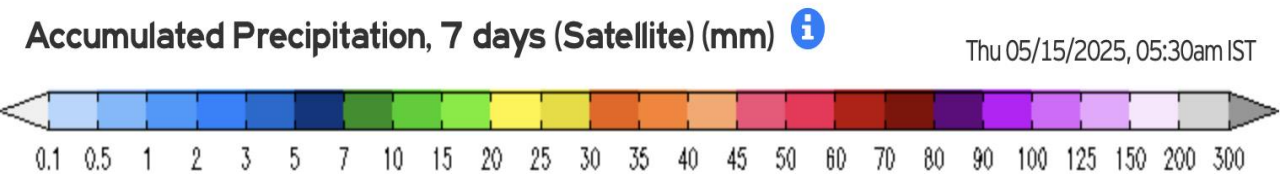
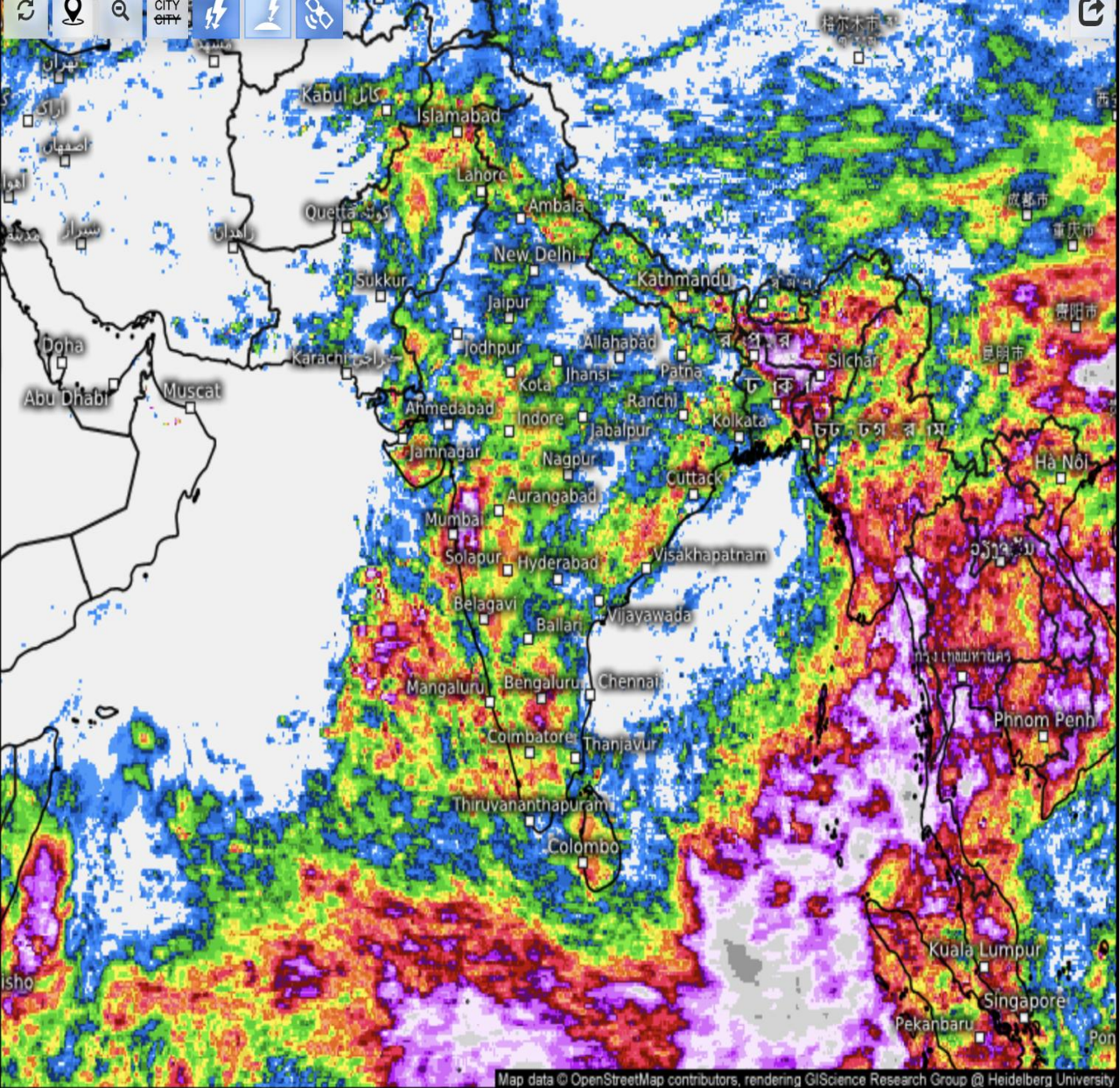


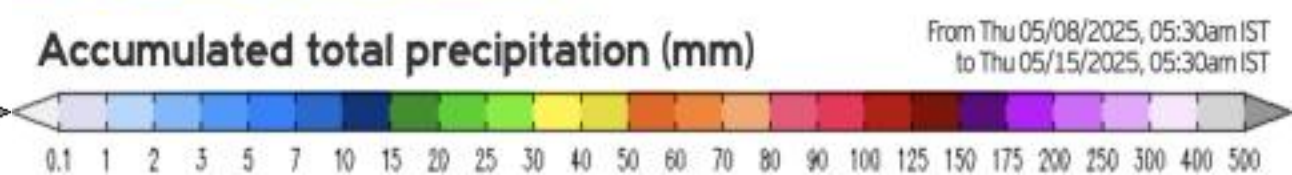
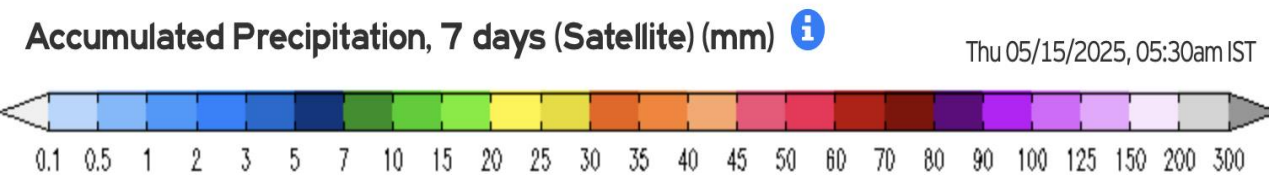
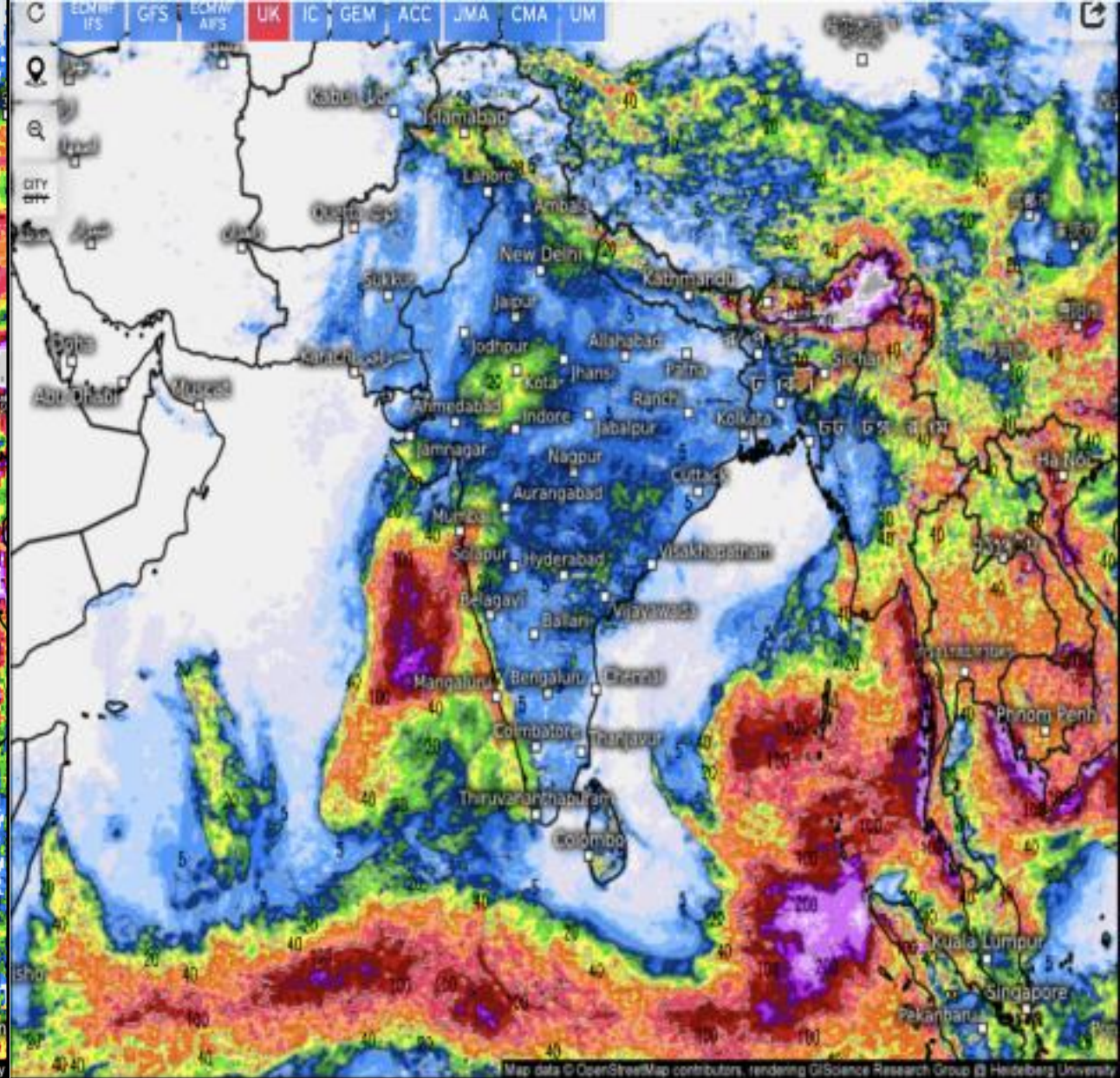
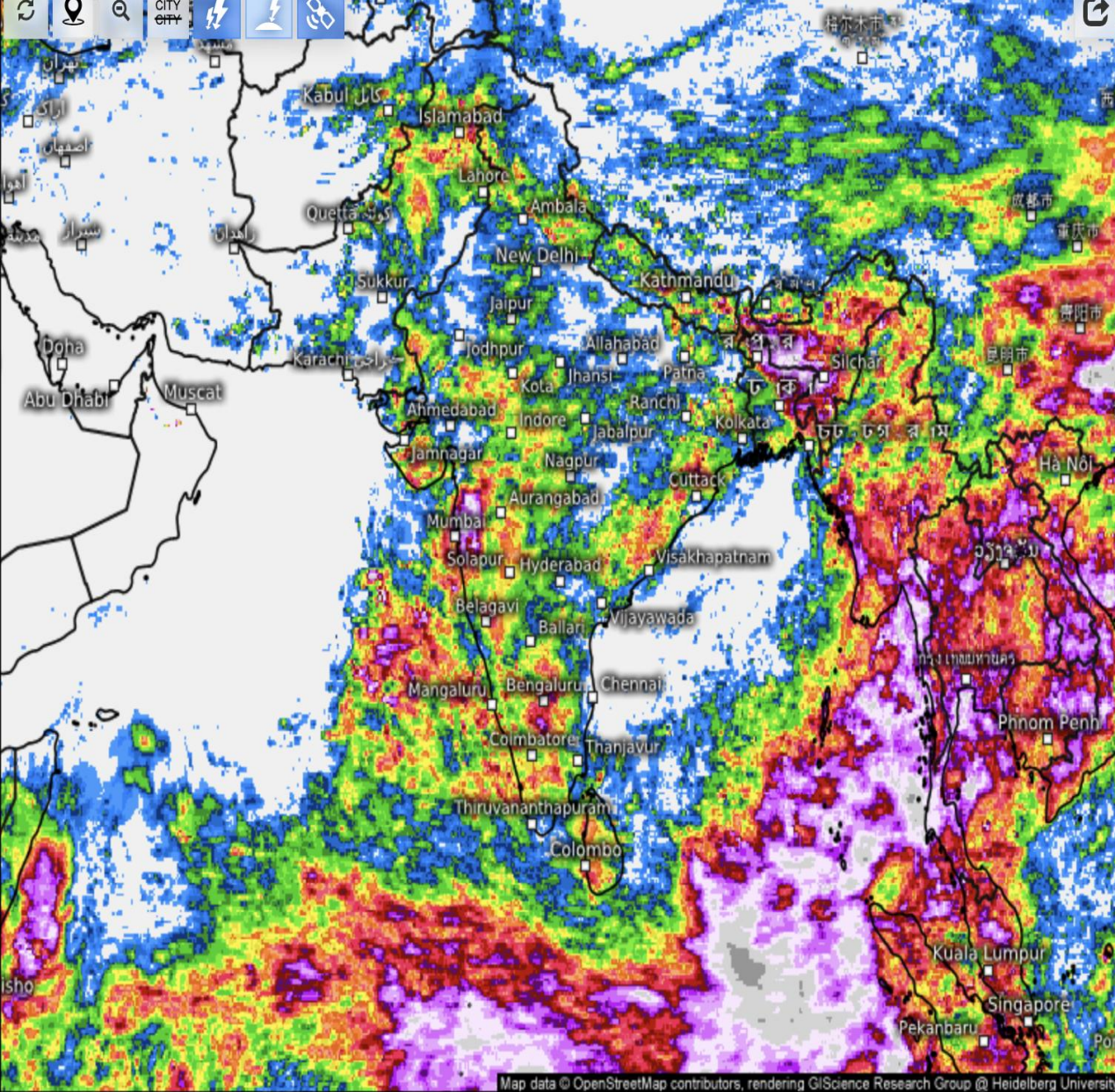
Calculated Snow Water Equivalent Anomaly (cm) 20250513

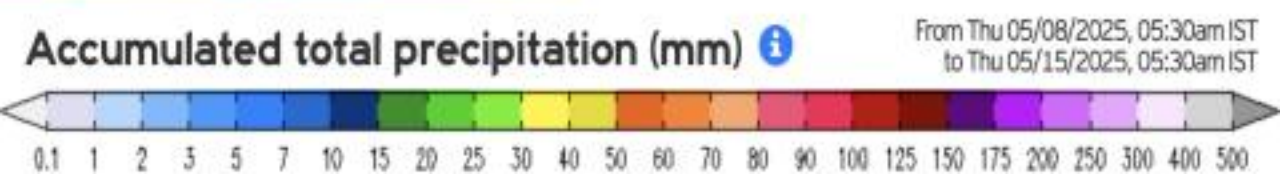
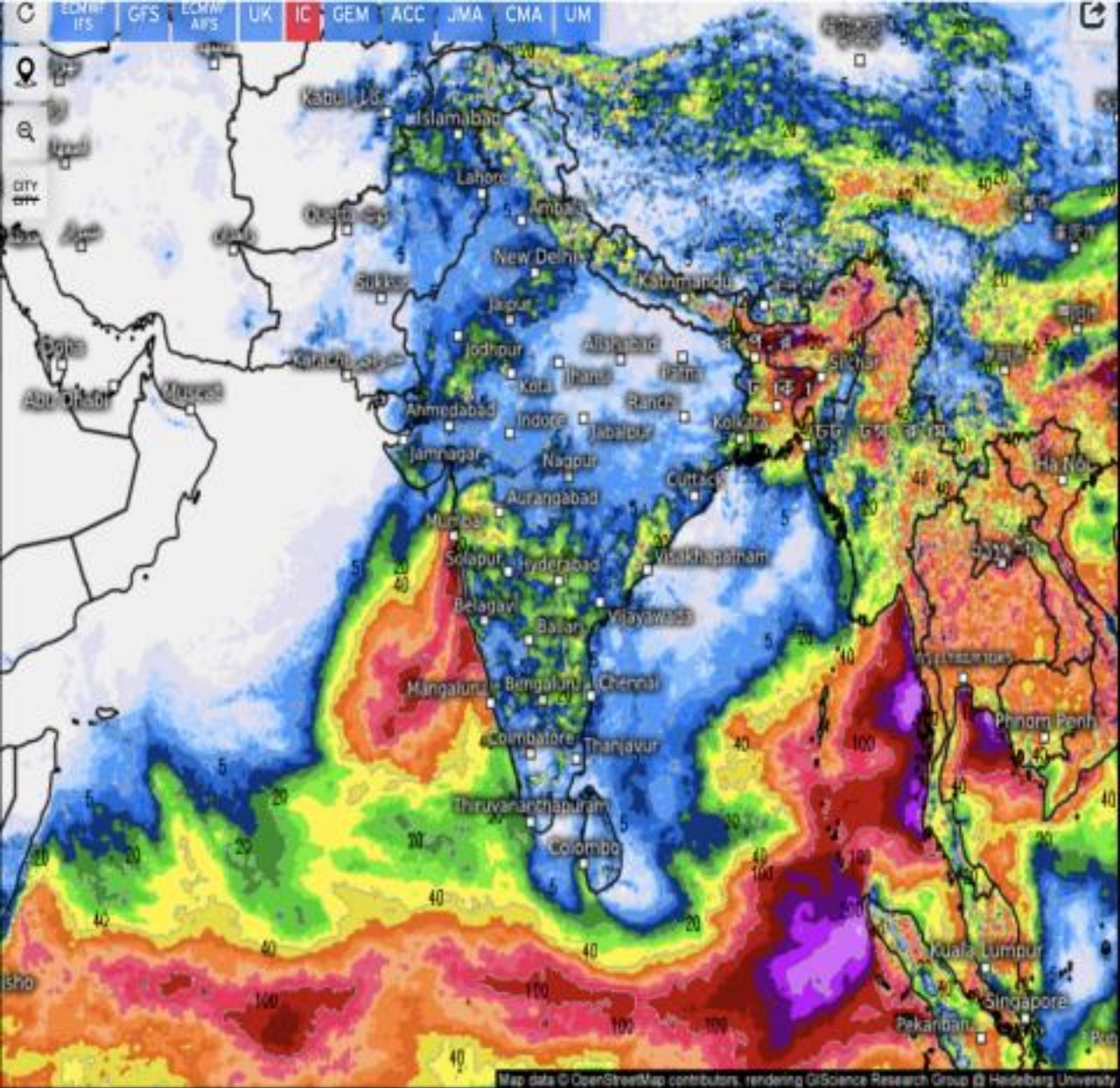
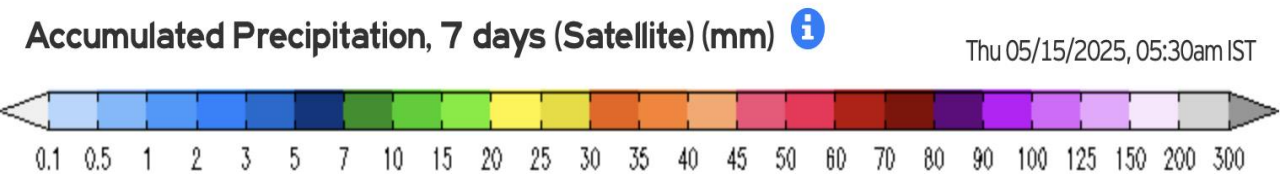
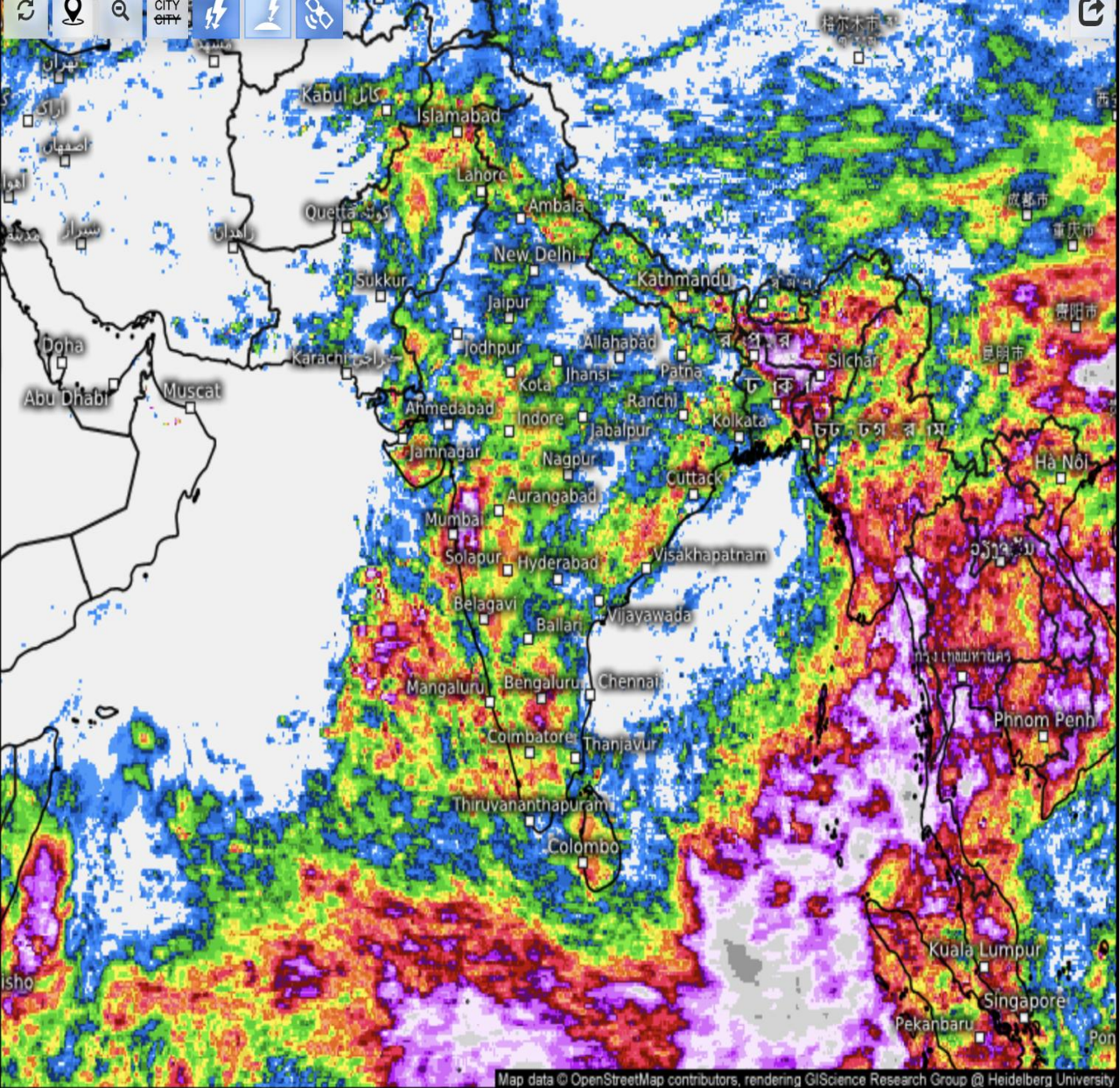


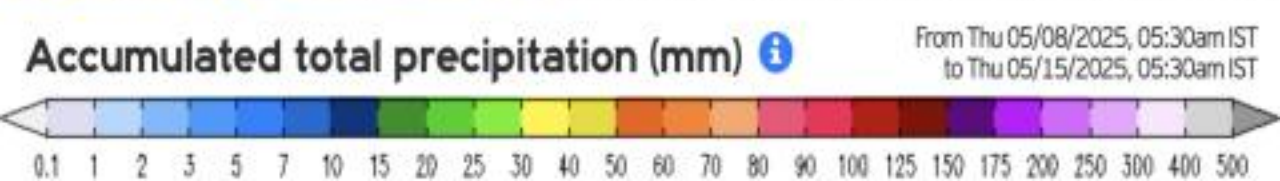
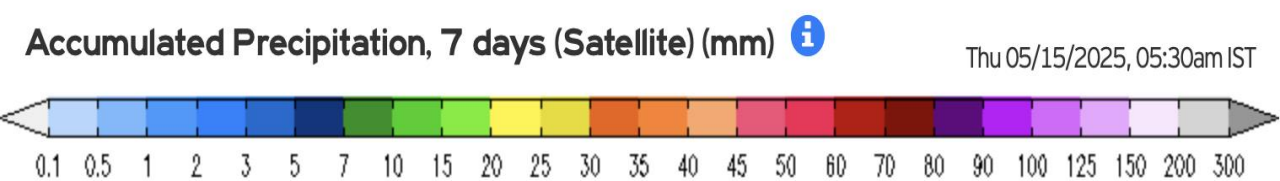
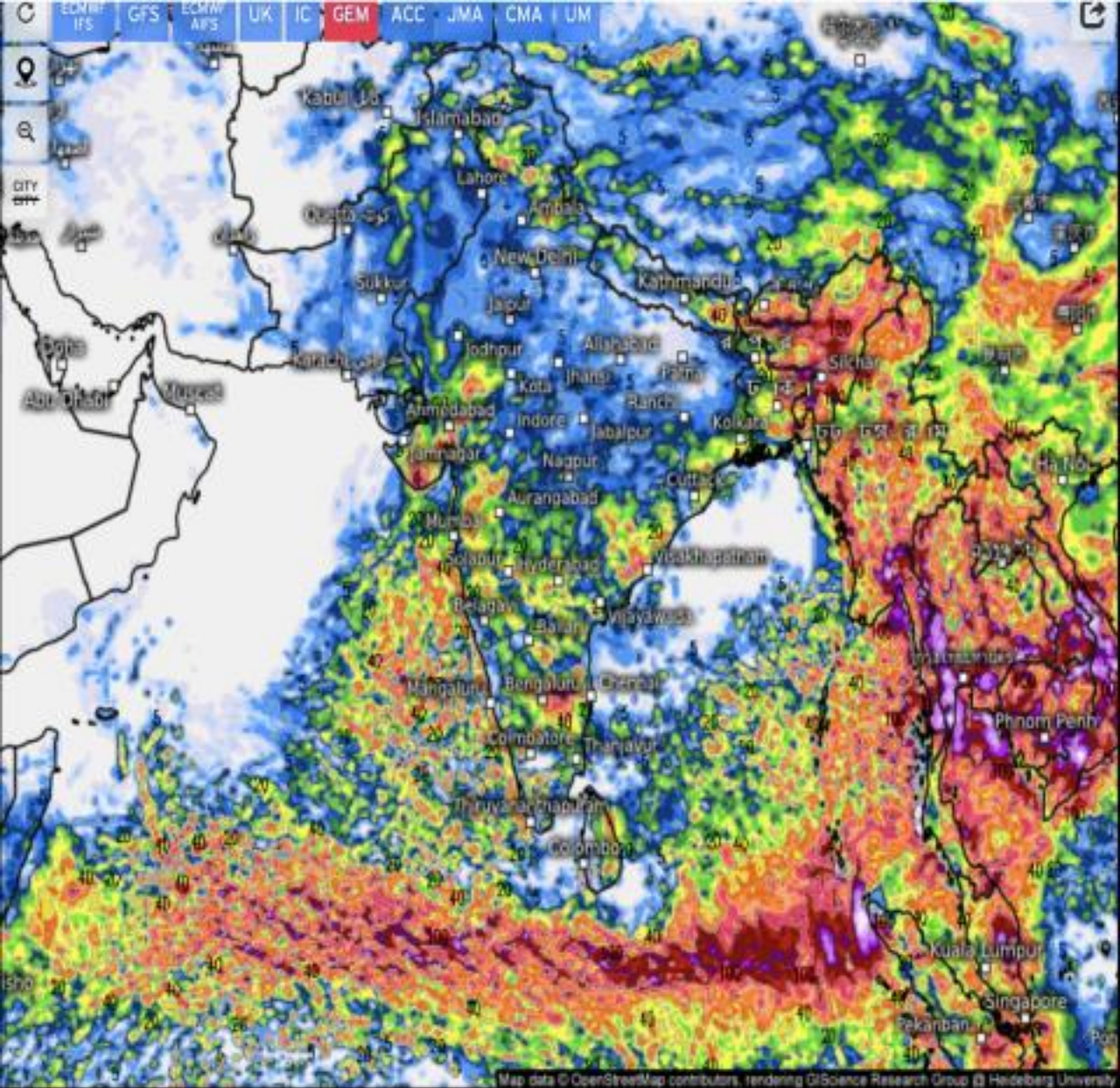
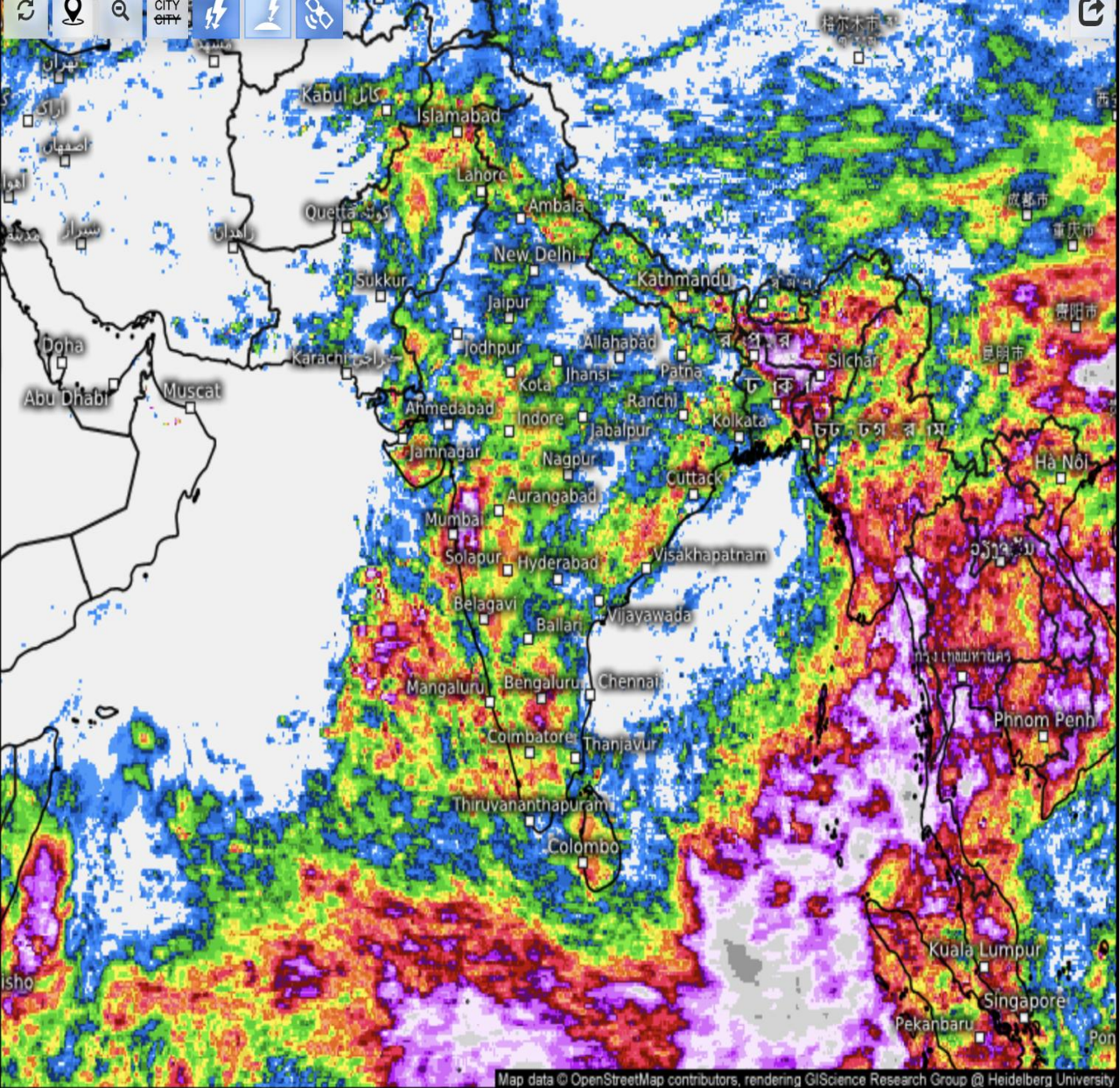


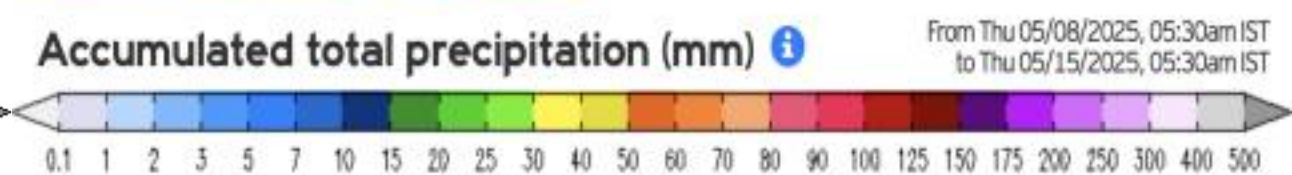
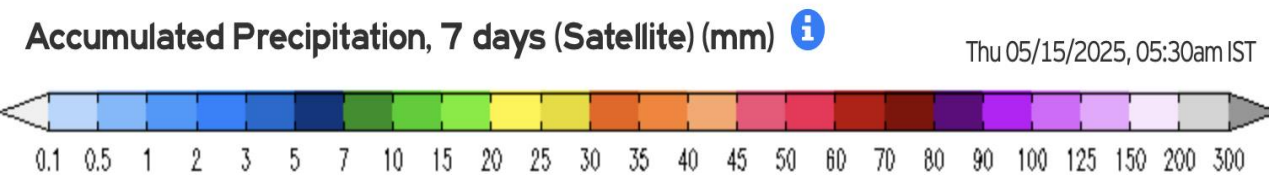
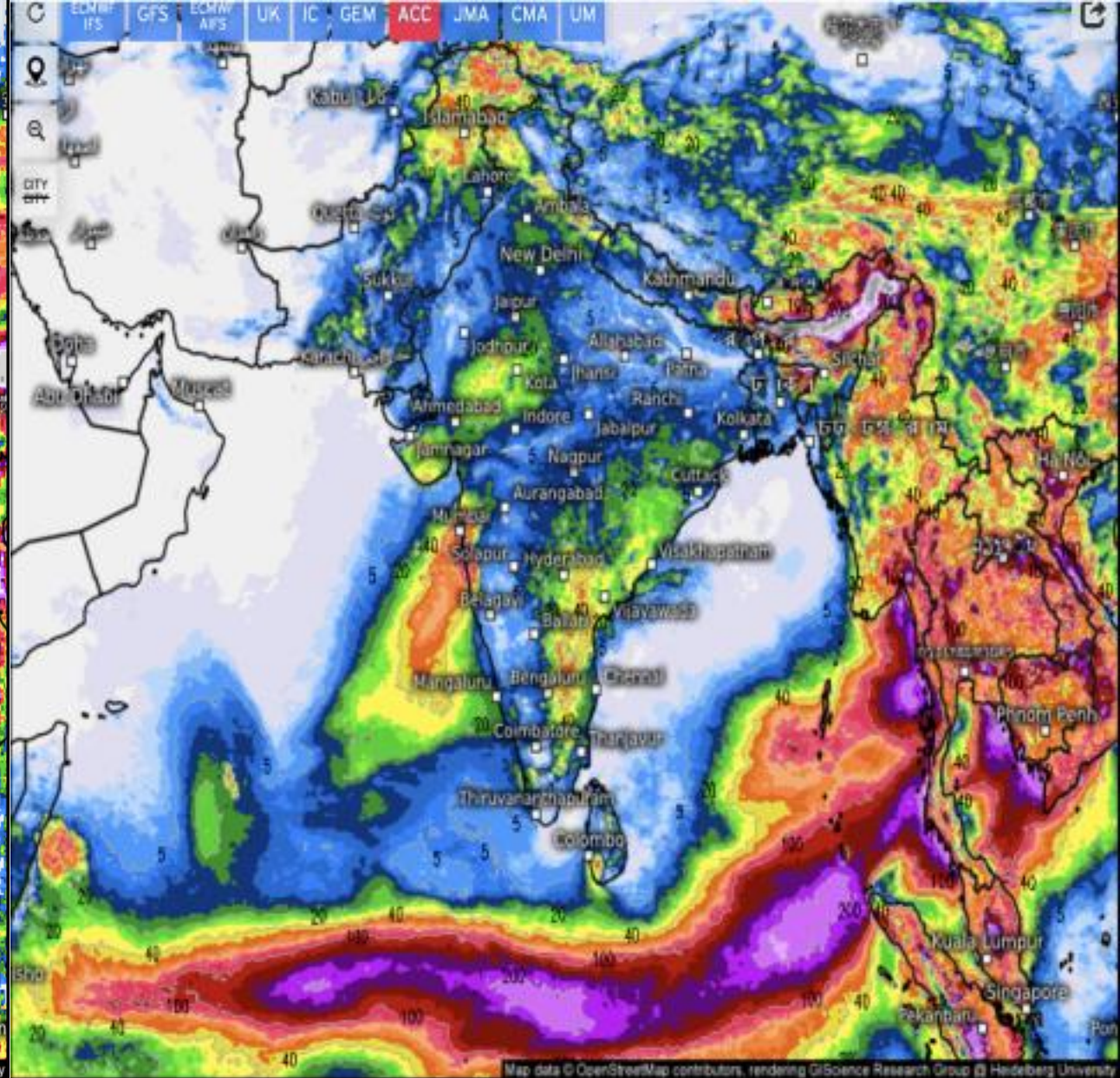
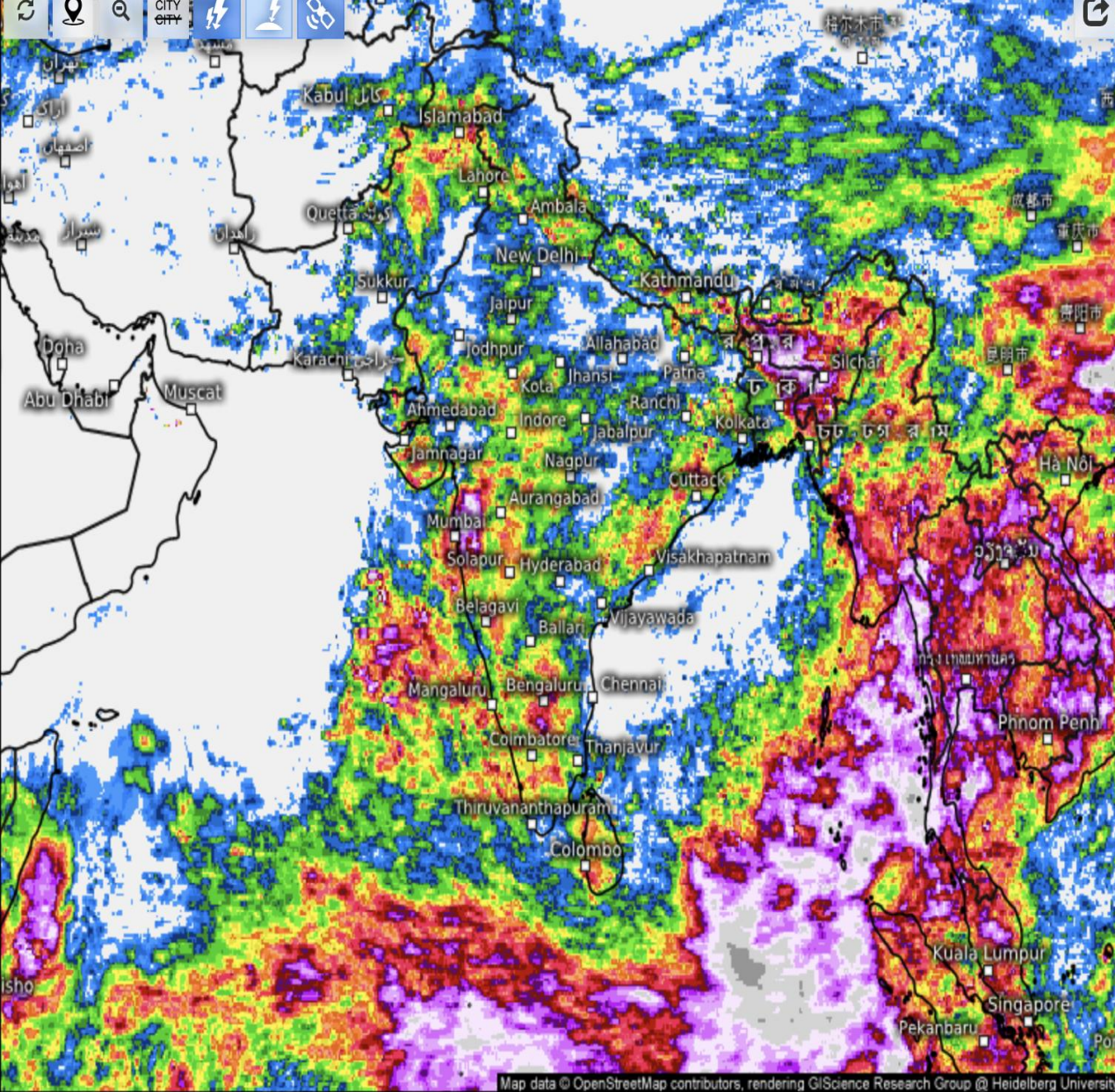


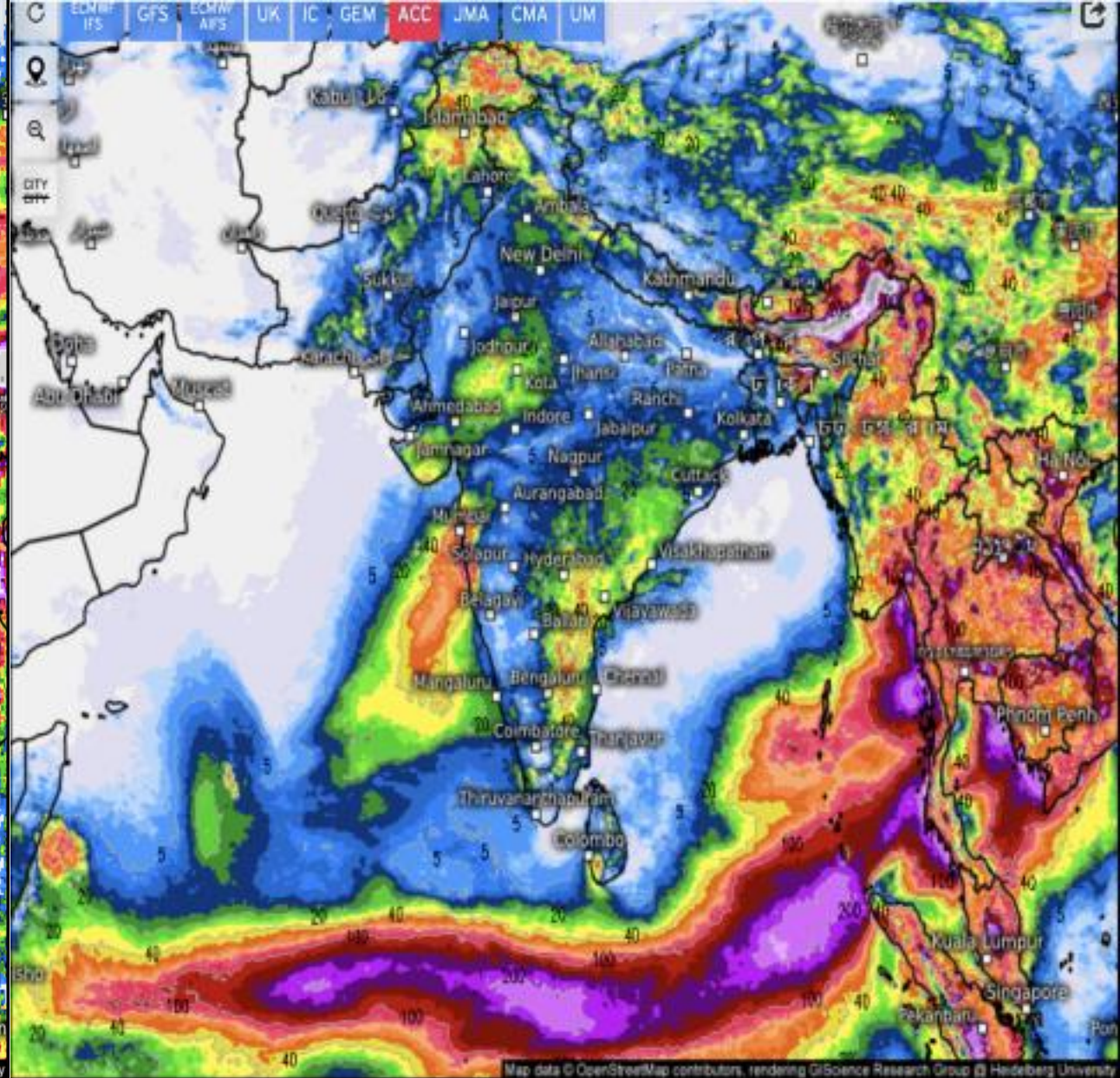
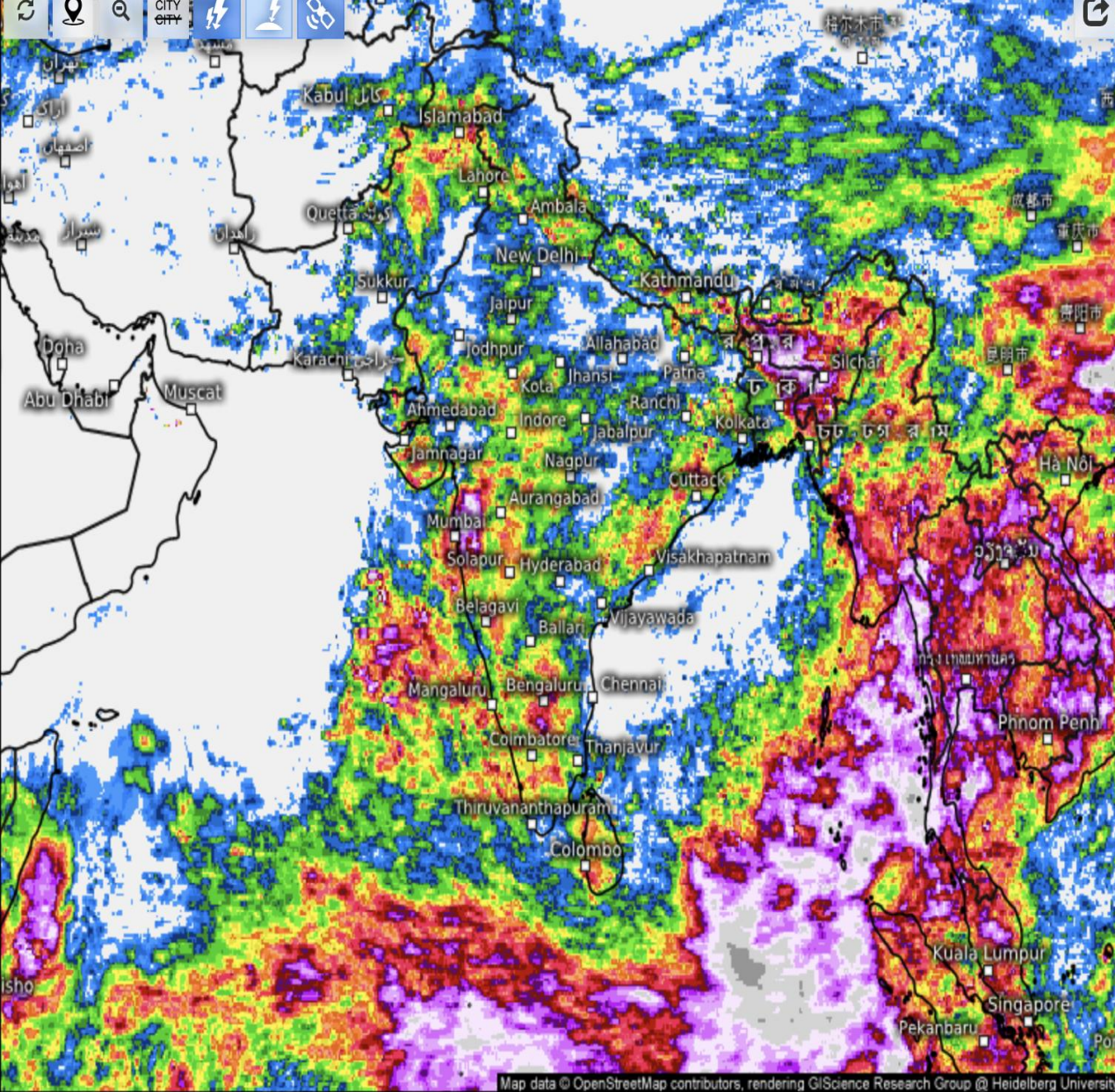






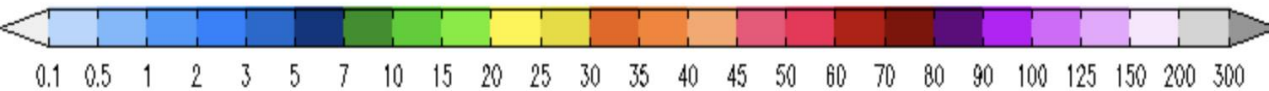






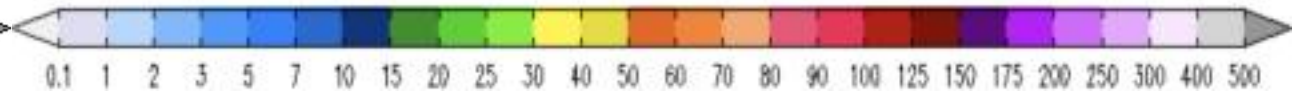
Accumulated Precipitation, 7 days (Satellite) (mm)

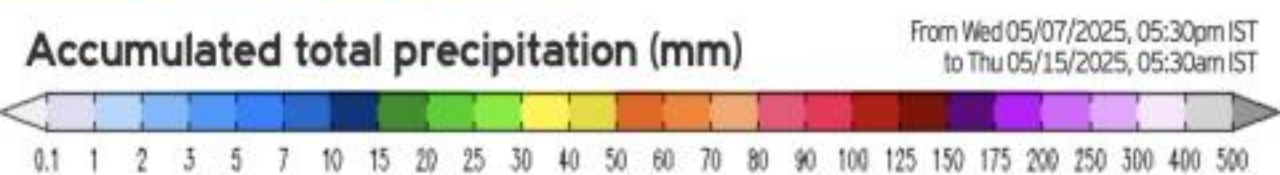
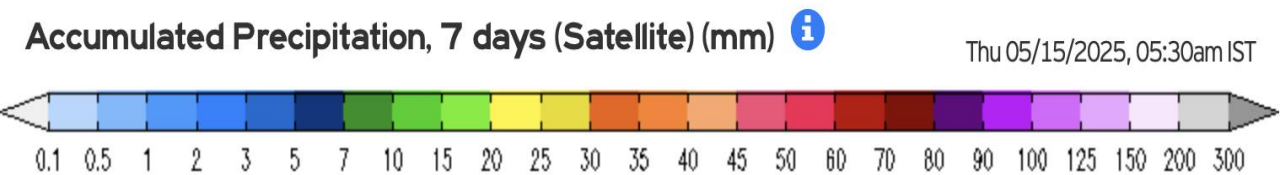
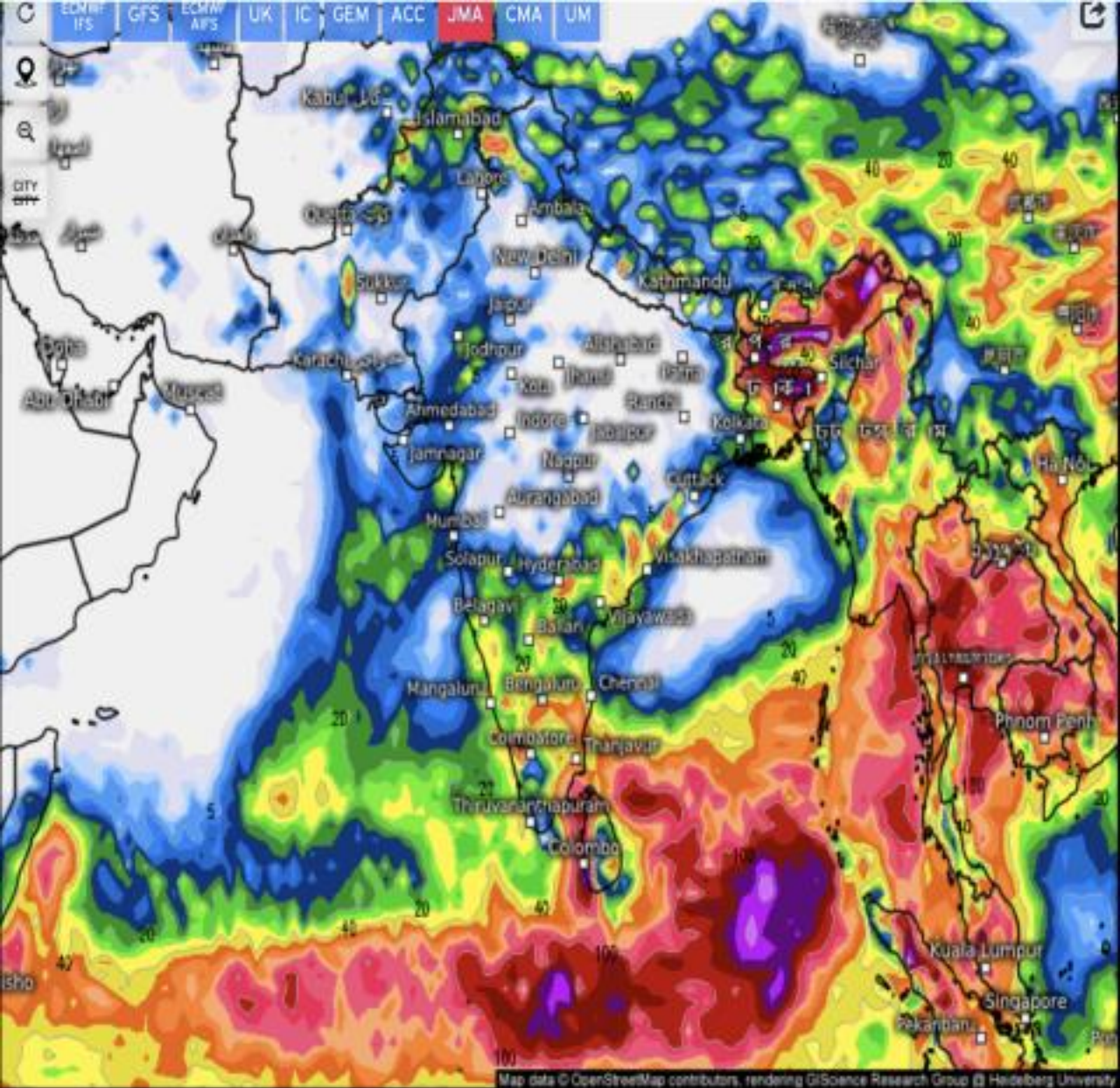
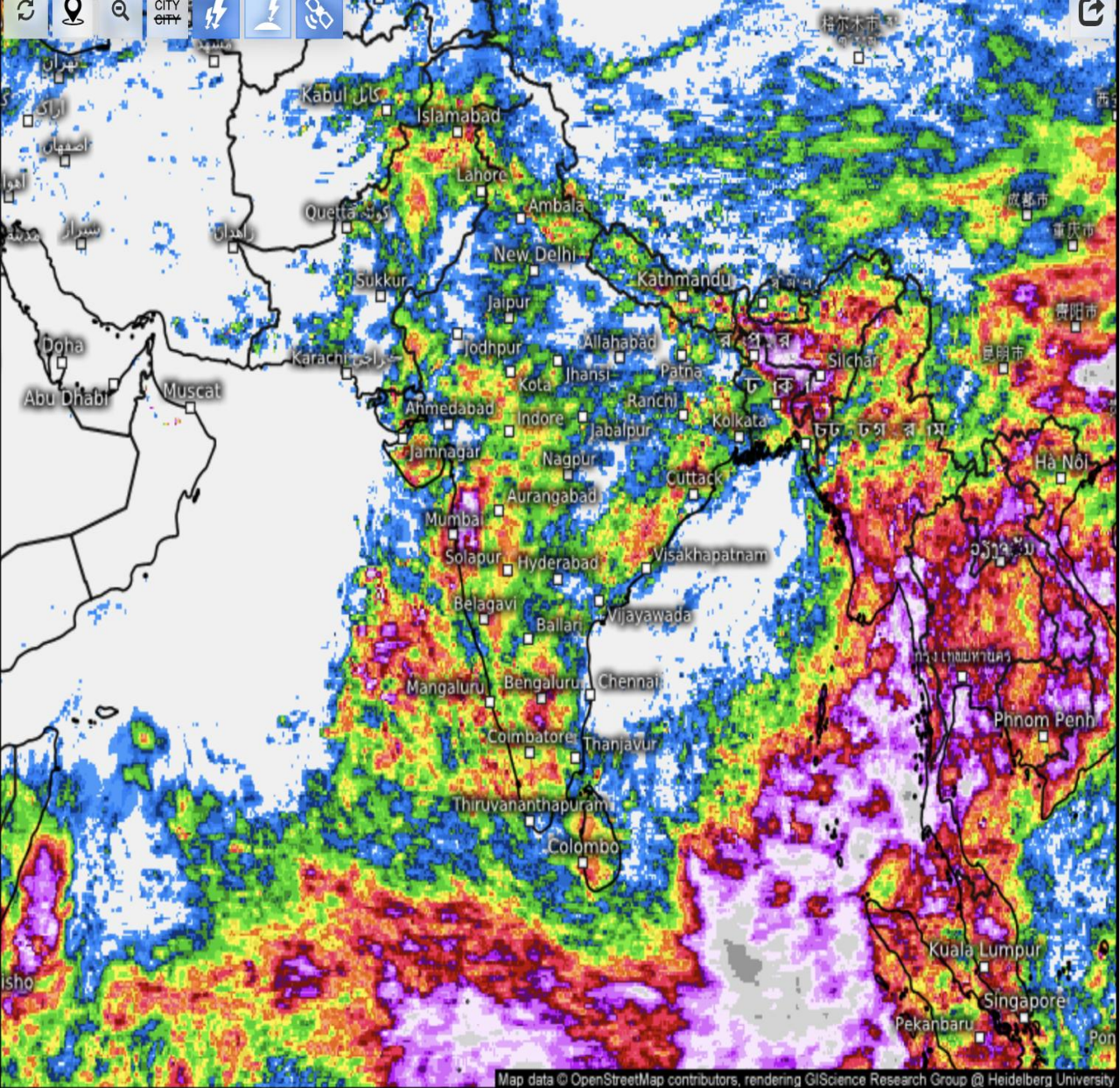
Thu 05/15/2025, 05:30am IST

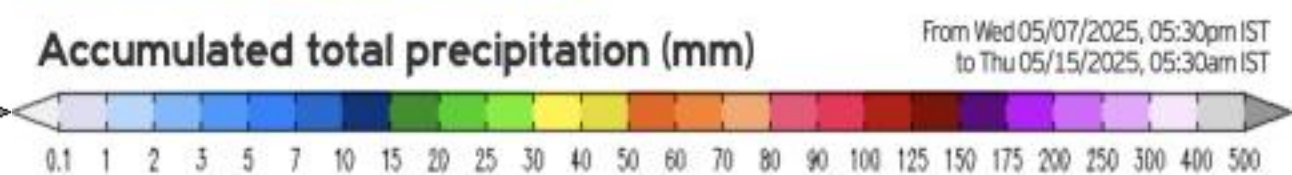
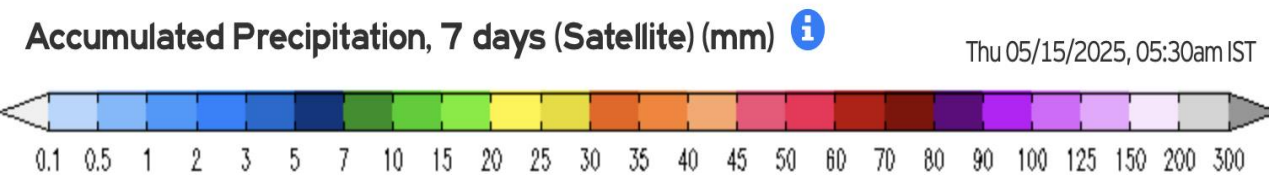
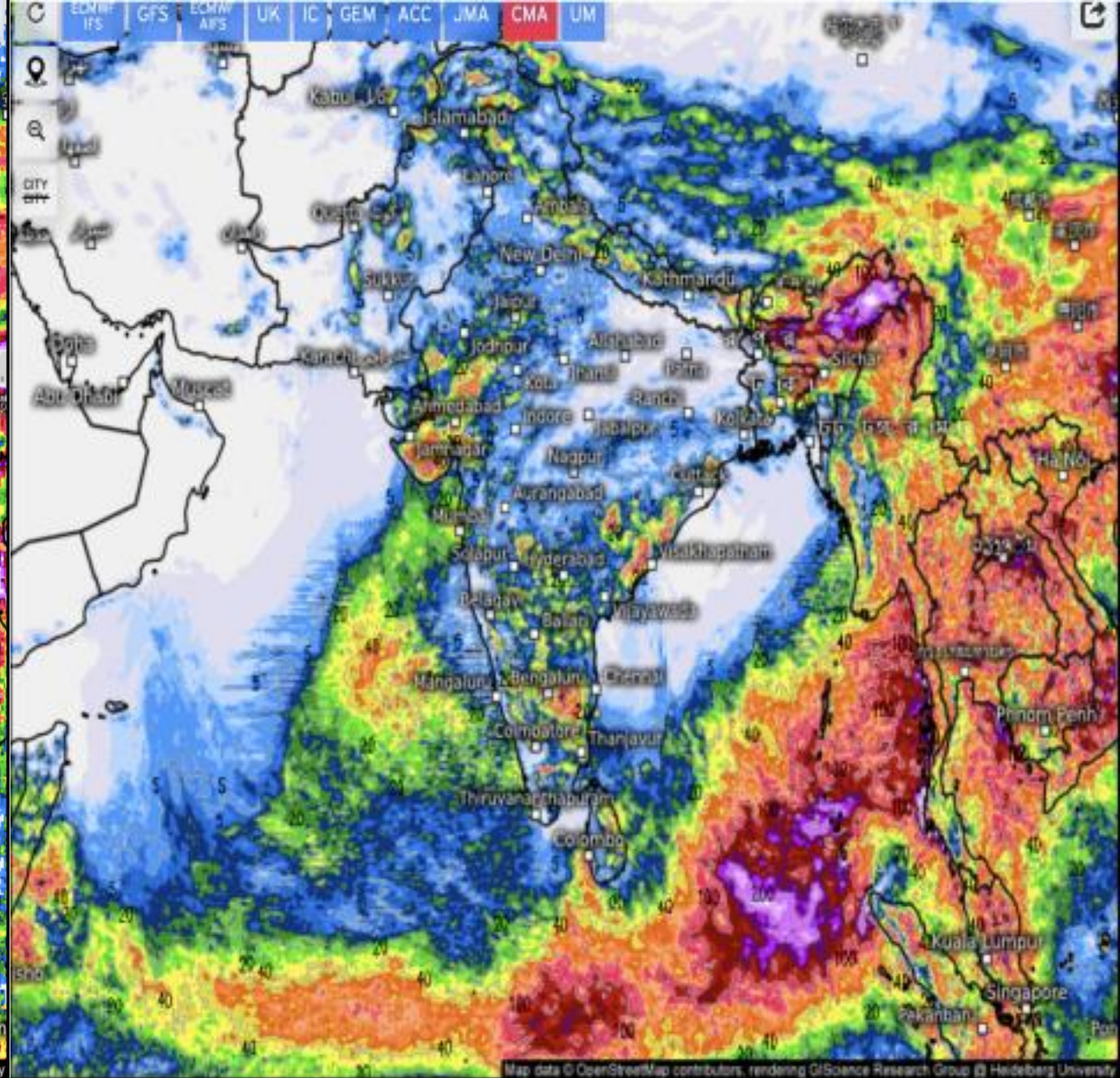
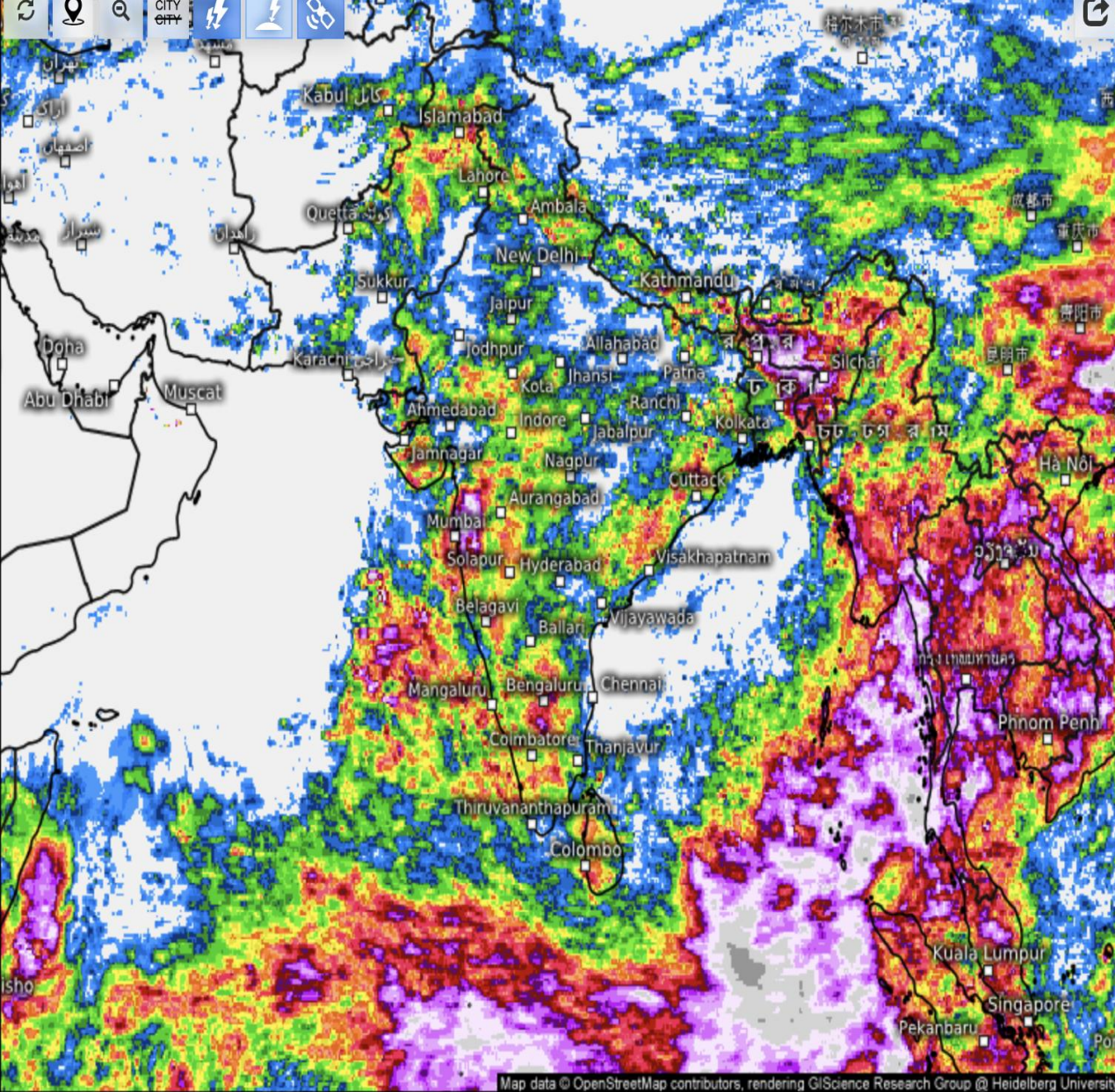


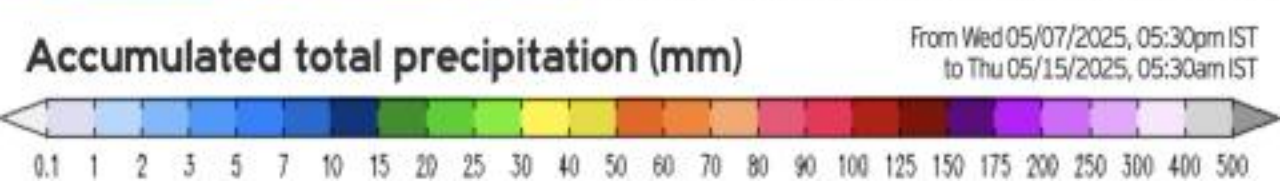
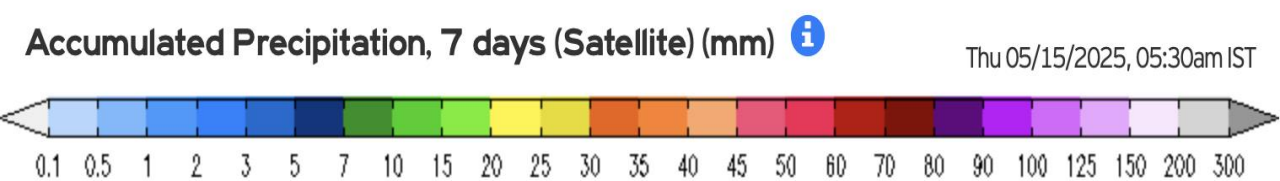
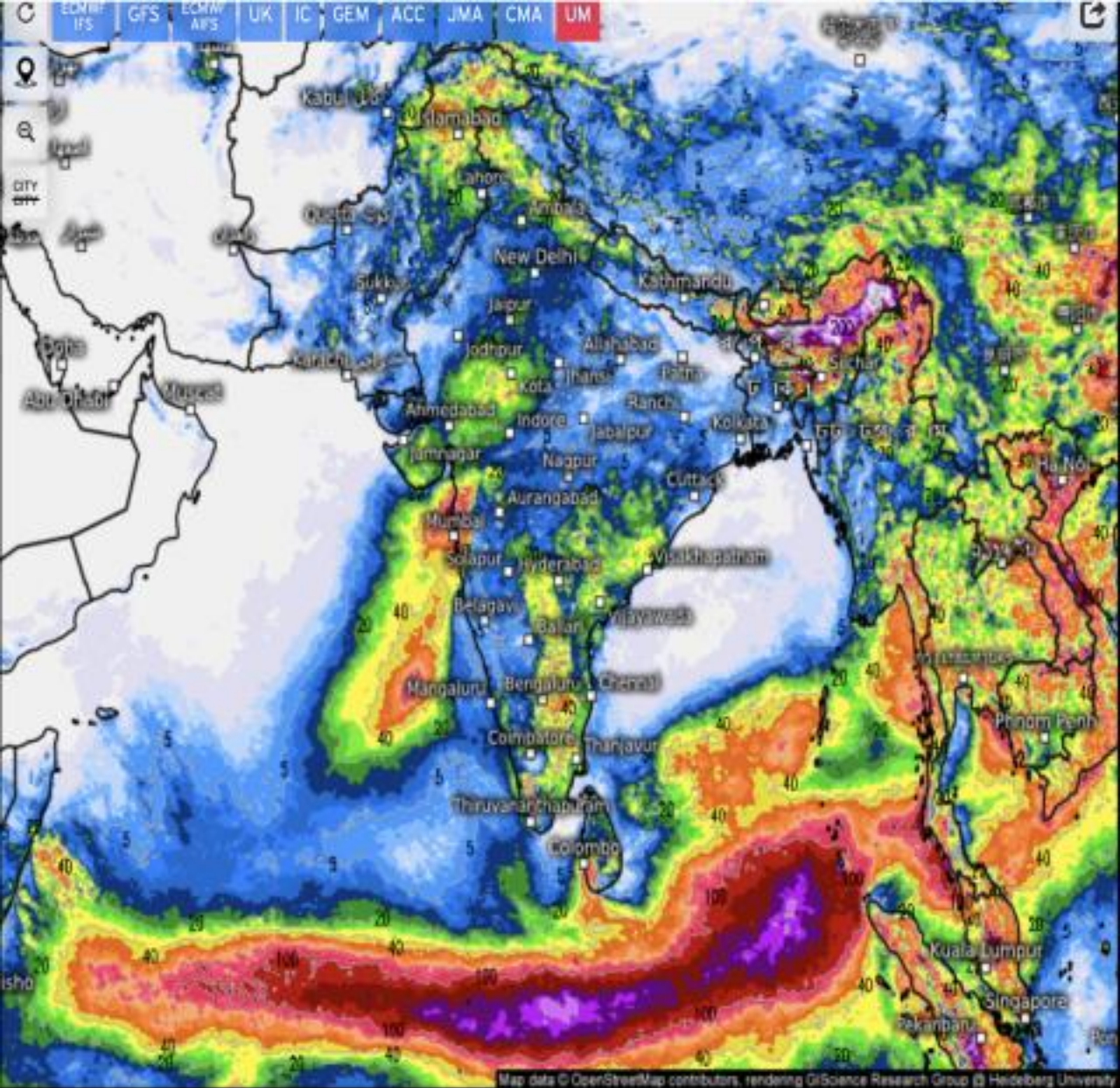
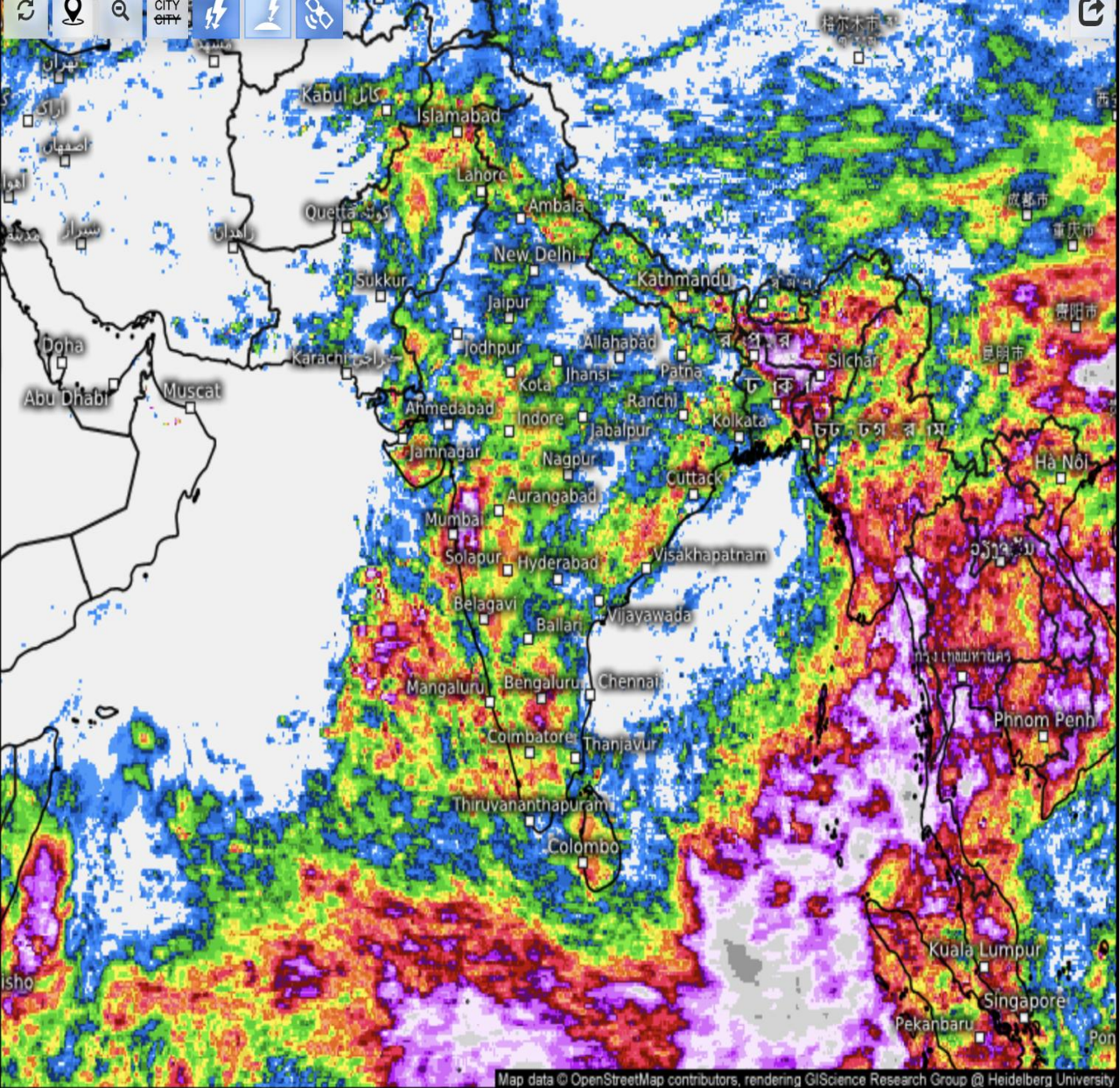
Accumulated total precipitation (mm)

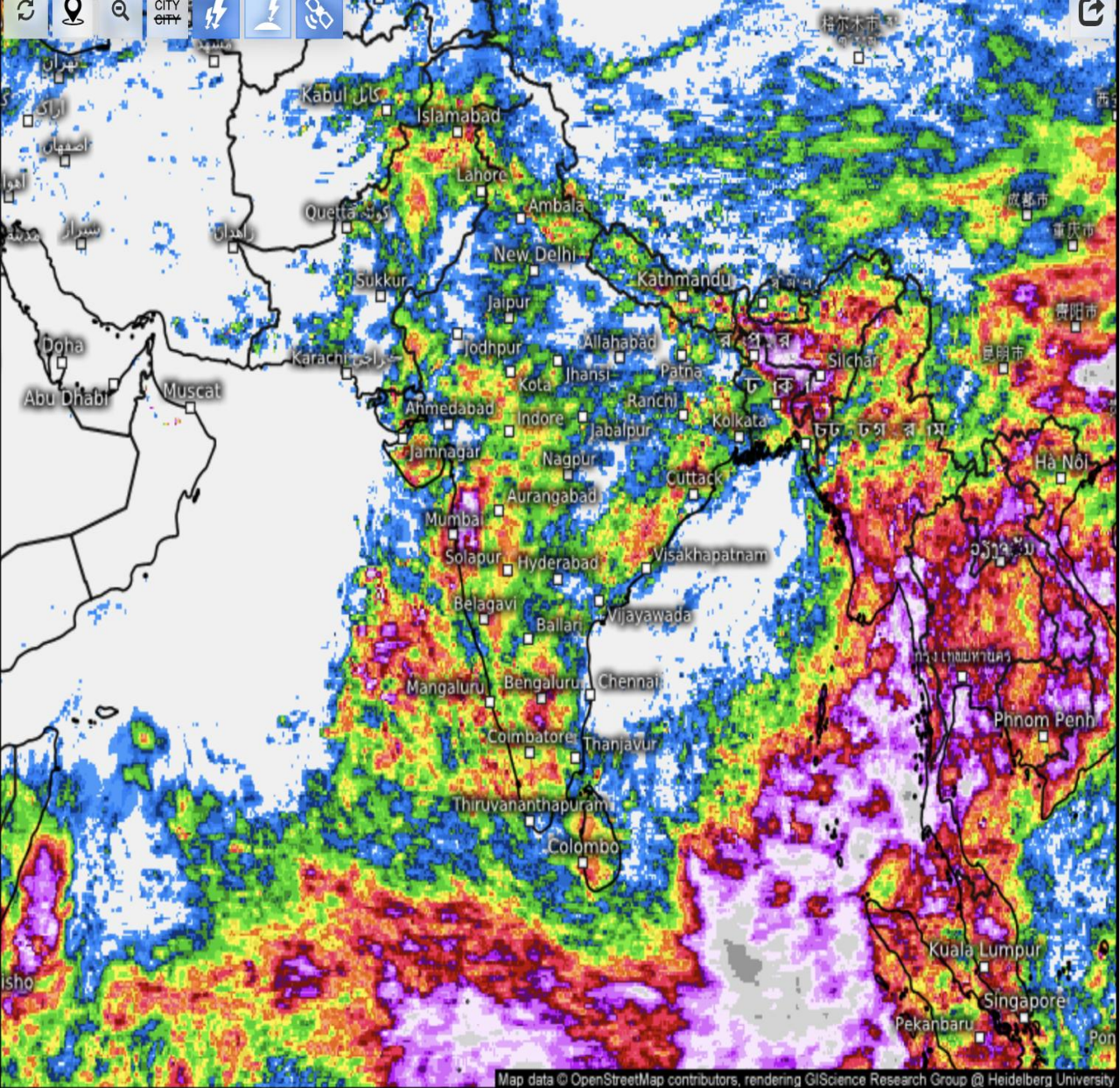
From Thu 05/08/2025, 05:30am IST
to Thu 05/15/2025, 05:30am IST





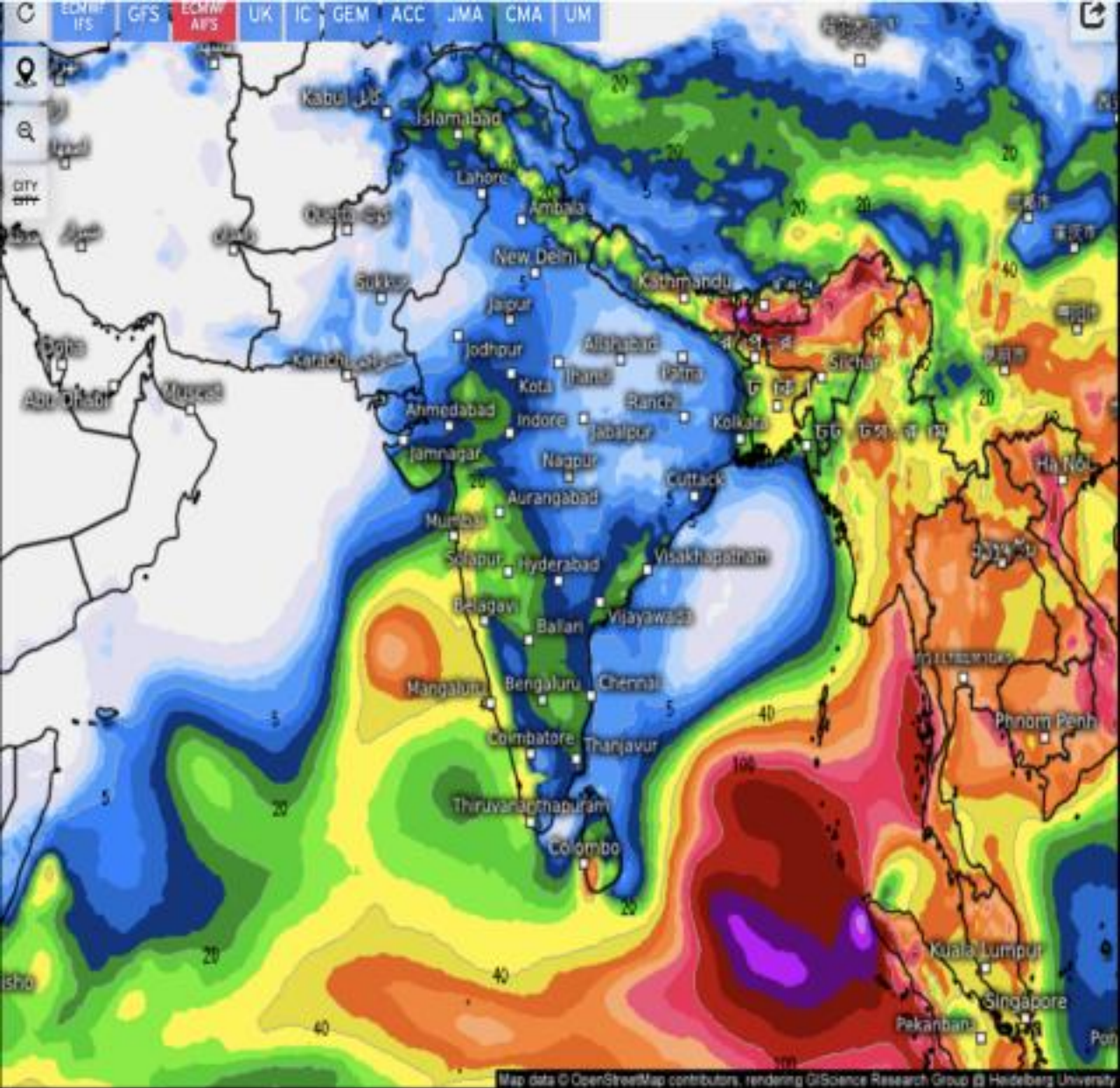
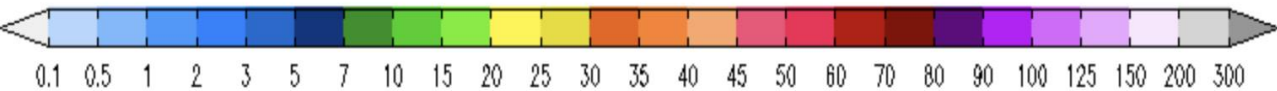






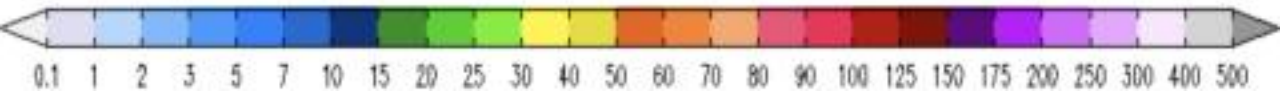
Accumulated Precipitation, 7 days (Satellite) (mm) ⓘ

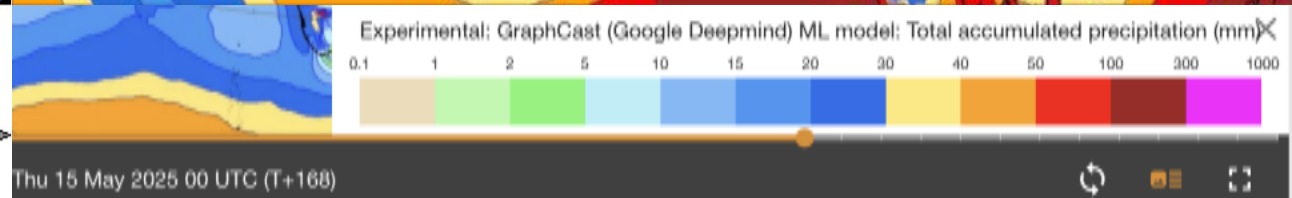
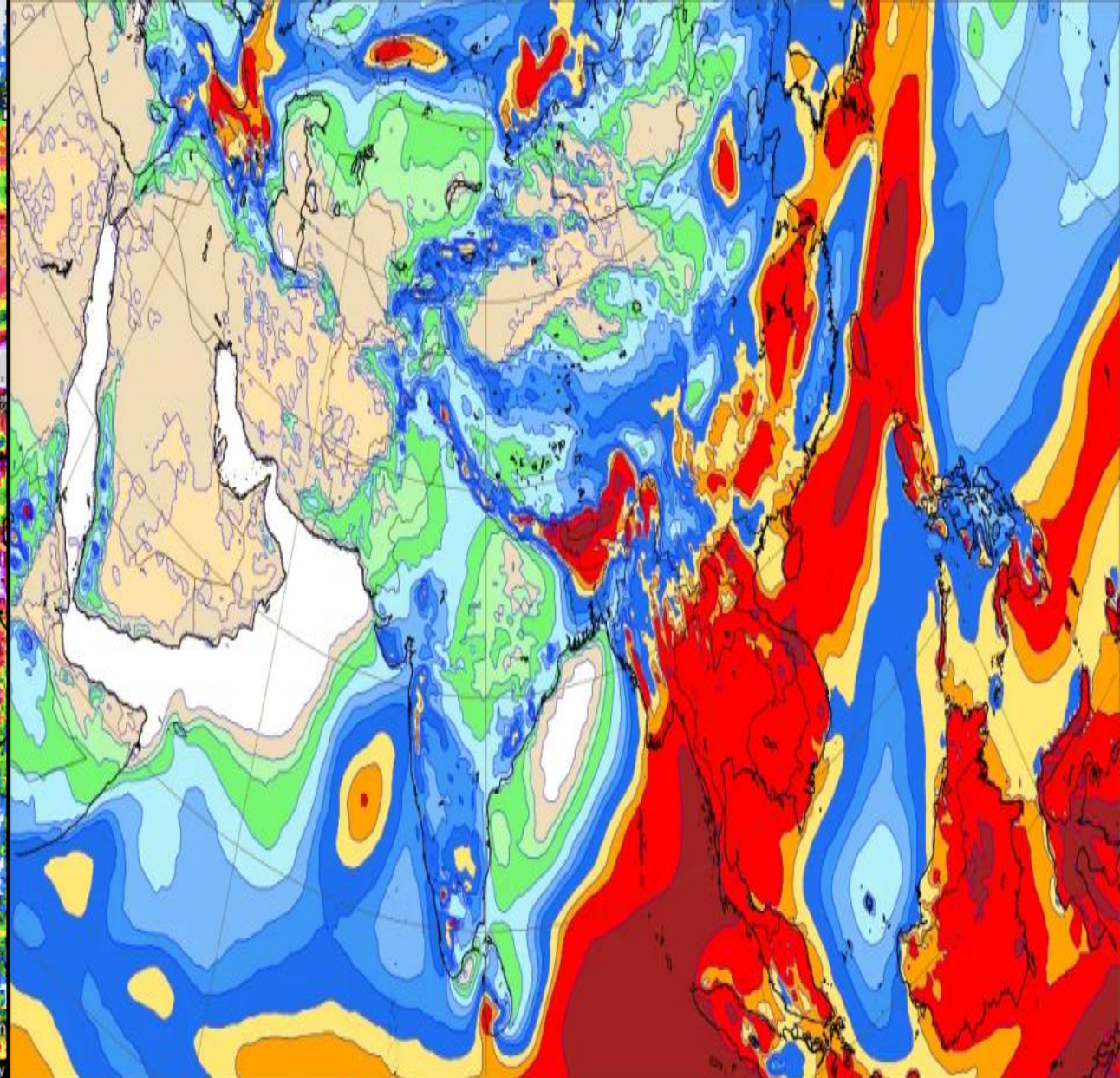
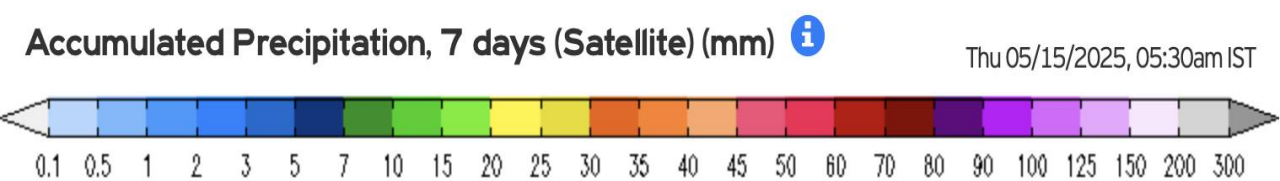
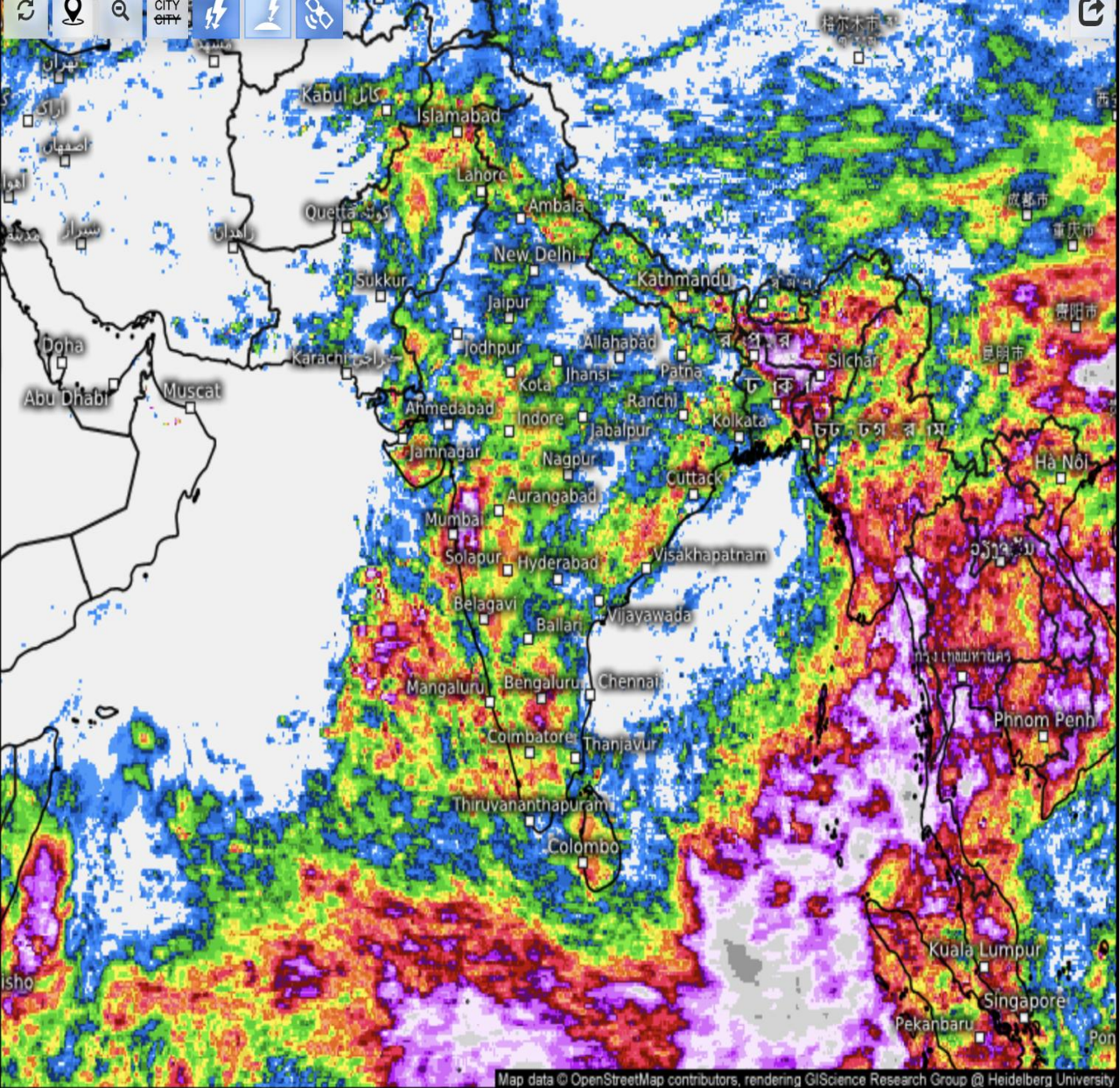
Thu 05/15/2025, 05:30am IST



Accumulated total precipitation (mm) ⓘ

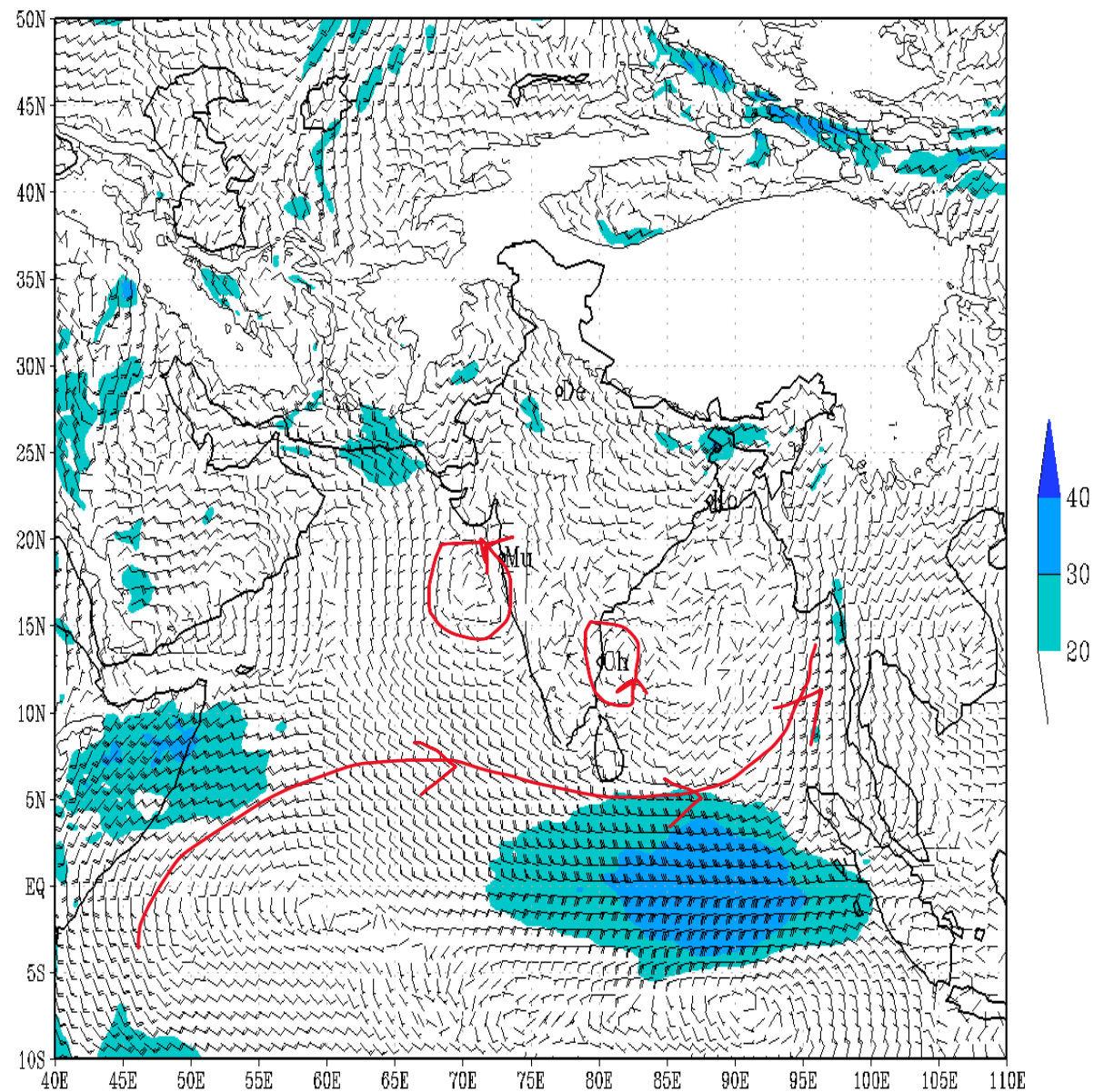
From Thu 05/08/2025, 05:30am IST
to Thu 05/15/2025, 05:30am IST





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

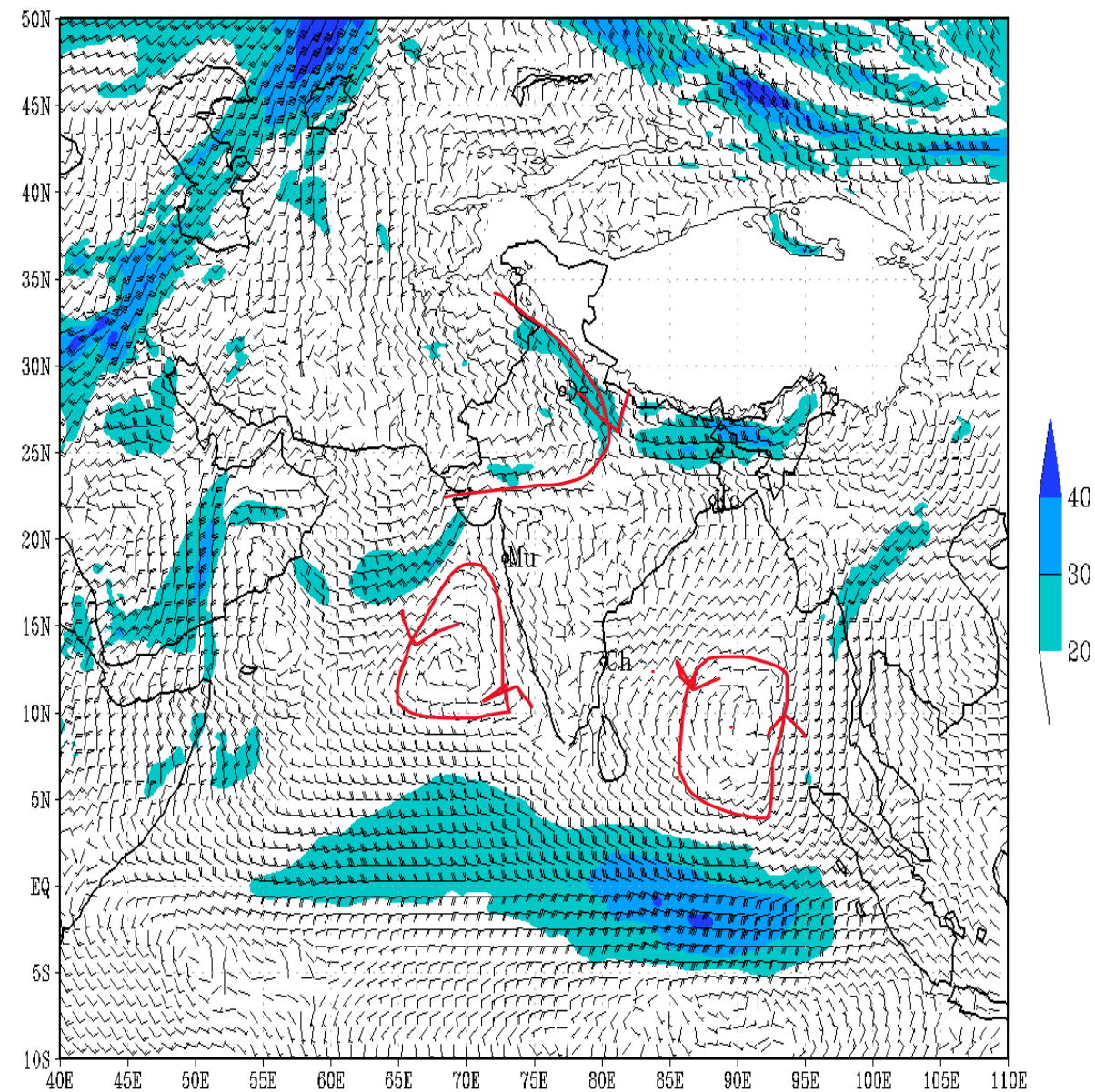
based on 00 UTC of 15-05-2025 valid for 00 UTC of 15-05-2025



(Background does not depict political boundary)

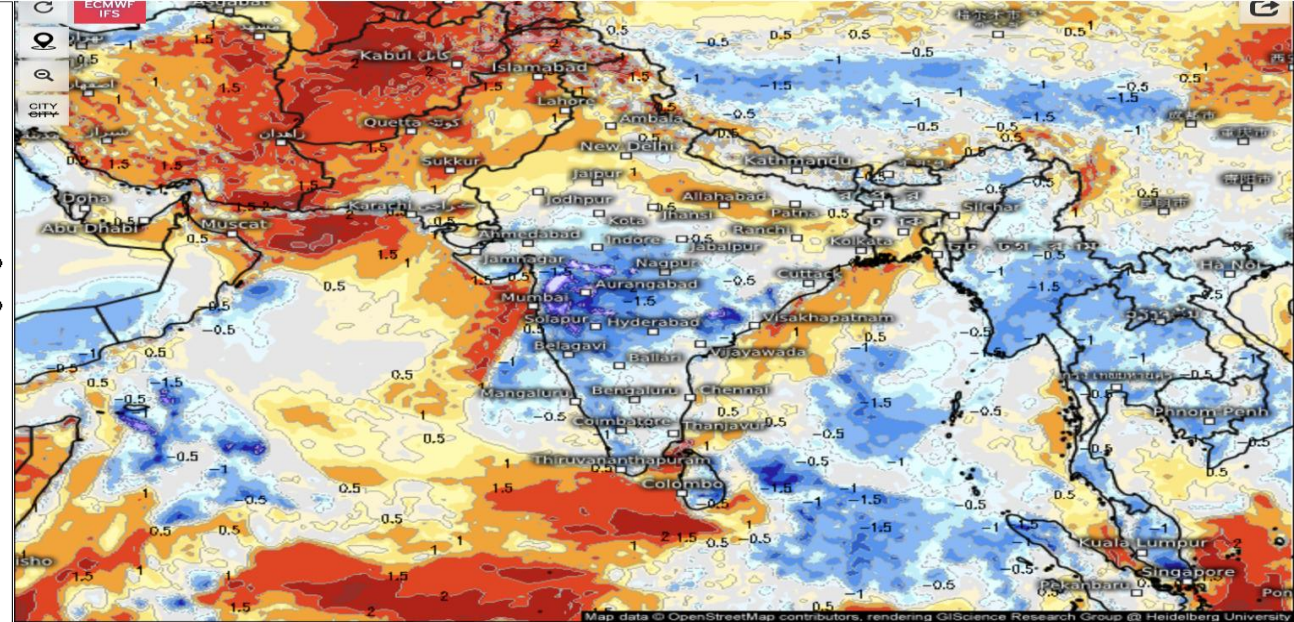
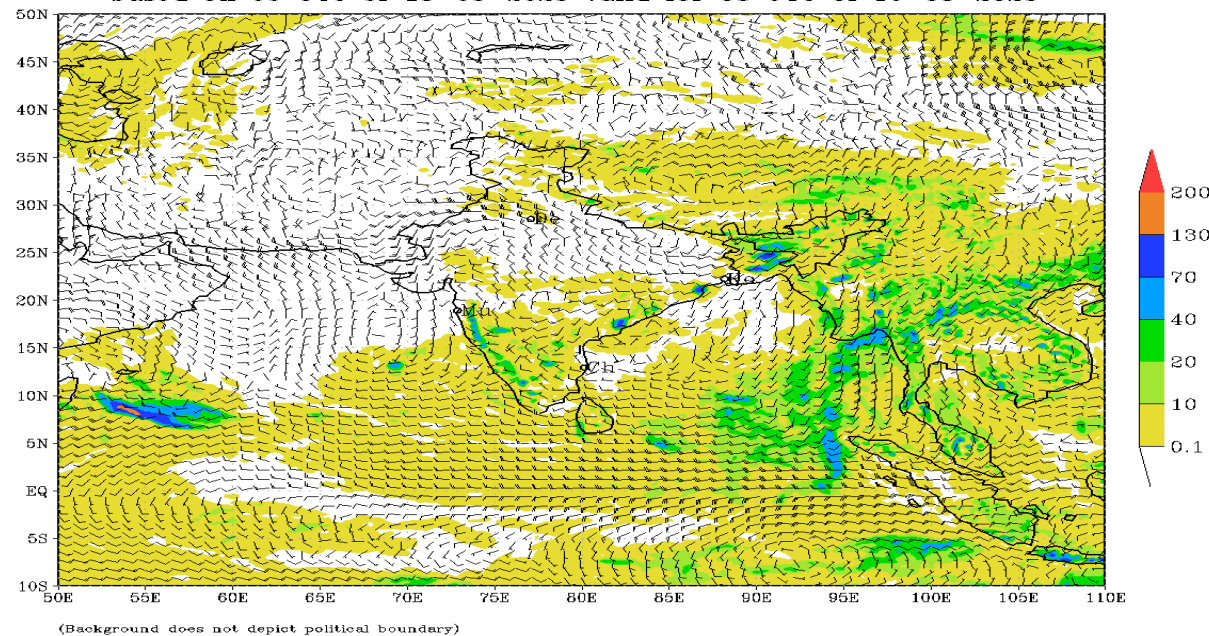
IMD:GFS MODEL(12 Km) 700 hPa WIND (kt) FORECAST (00 HR)

based on 00 UTC of 15-05-2025 valid for 00 UTC of 15-05-2025



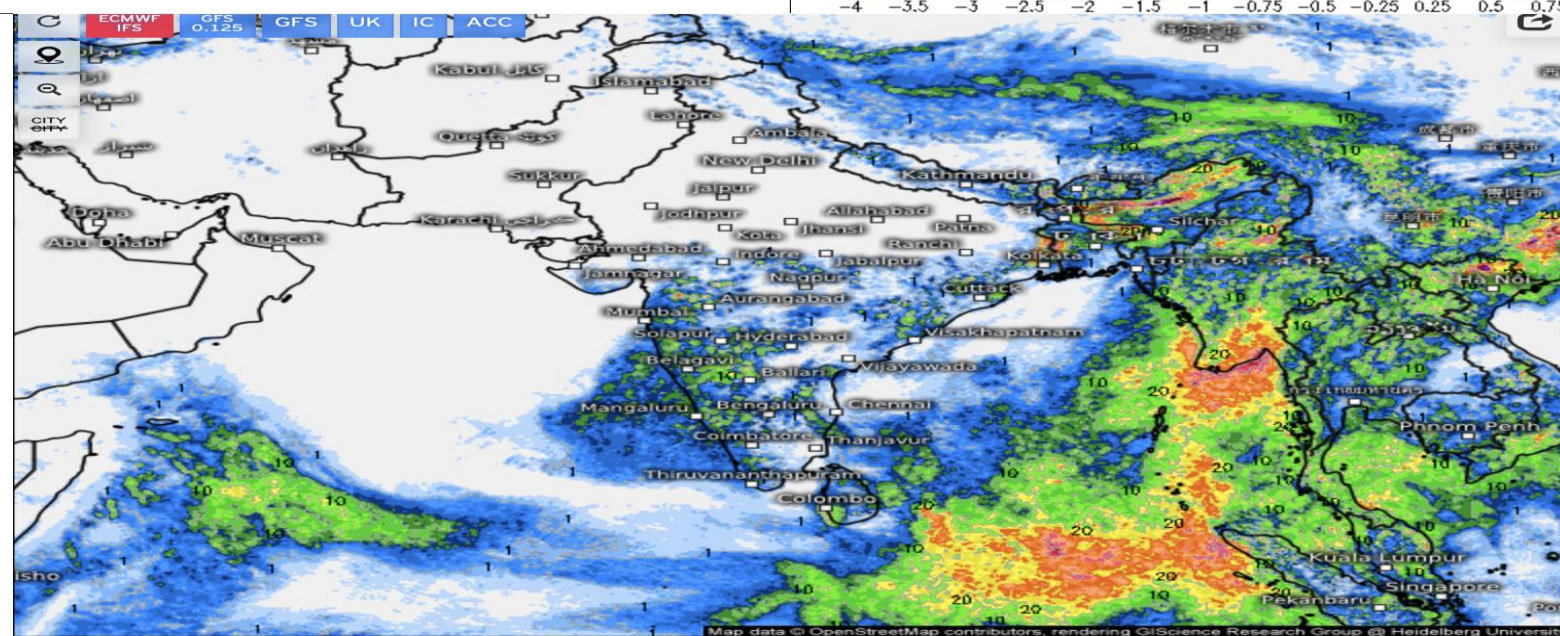
(Background does not depict political boundary)

IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (24 HR)
based on 00 UTC of 15-05-2025 valid for 03 UTC of 16-05-2025



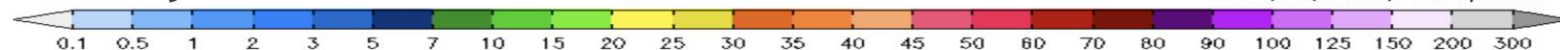
Temperature anomaly (std. deviation) [i](#)

Valid for
Fri 05/16/2025, 02:30pm IST

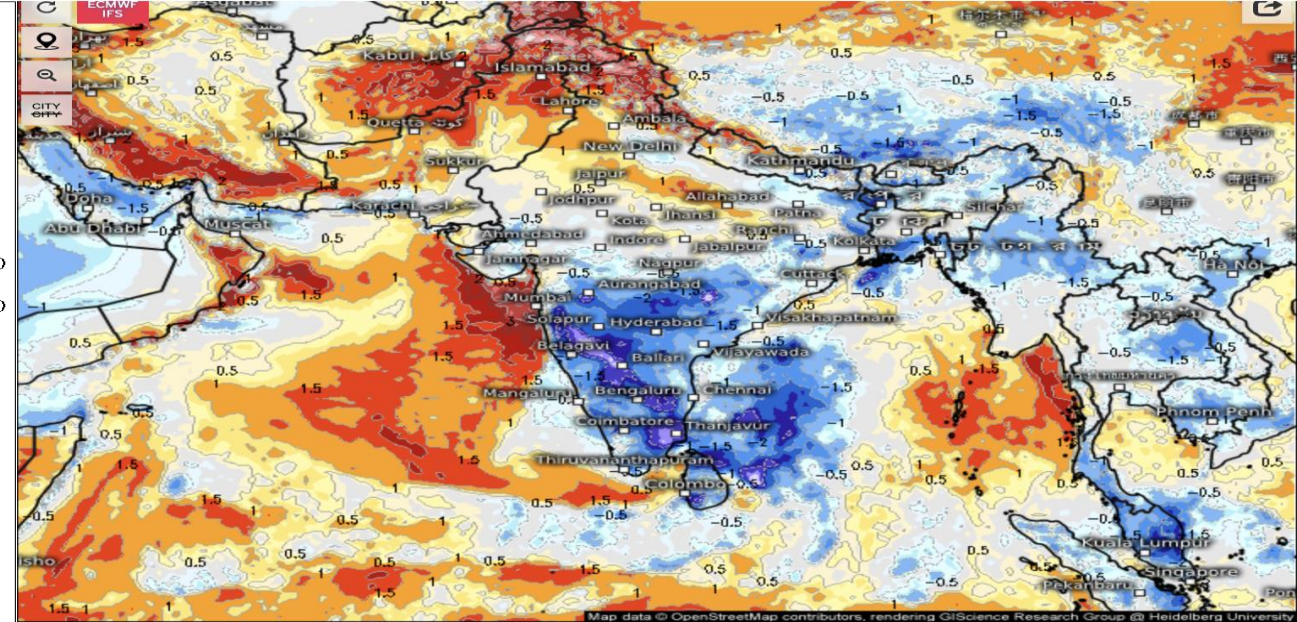
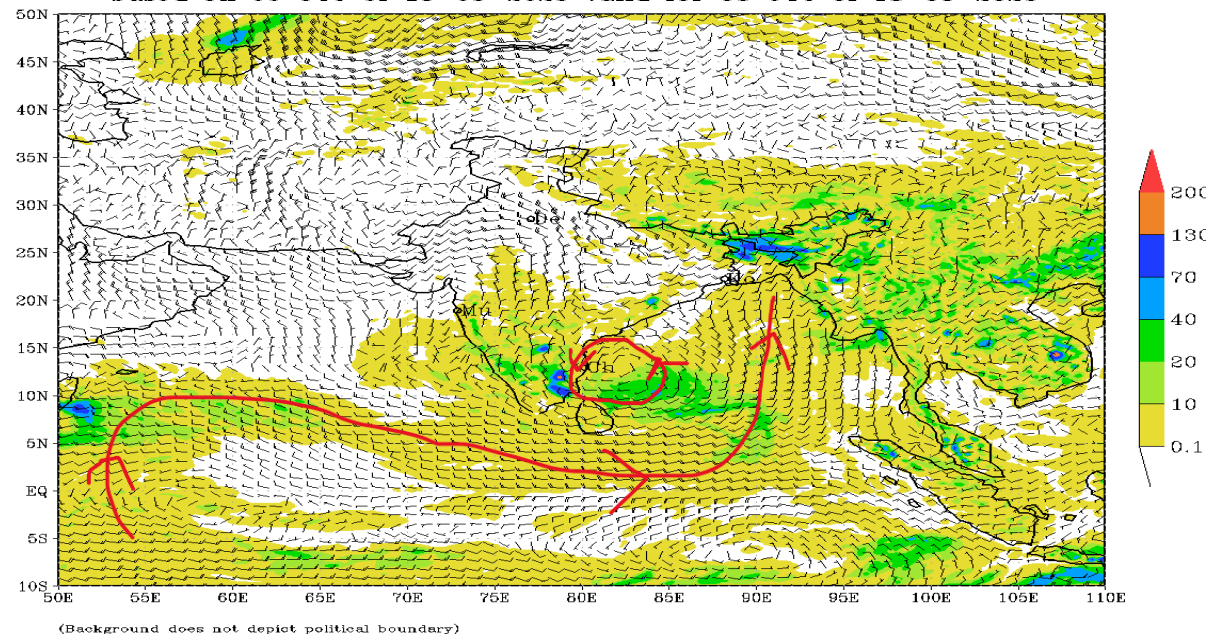


Precipitation, 24h (mm) [i](#)

Valid for
Fri 05/16/2025, 12:30pm IST

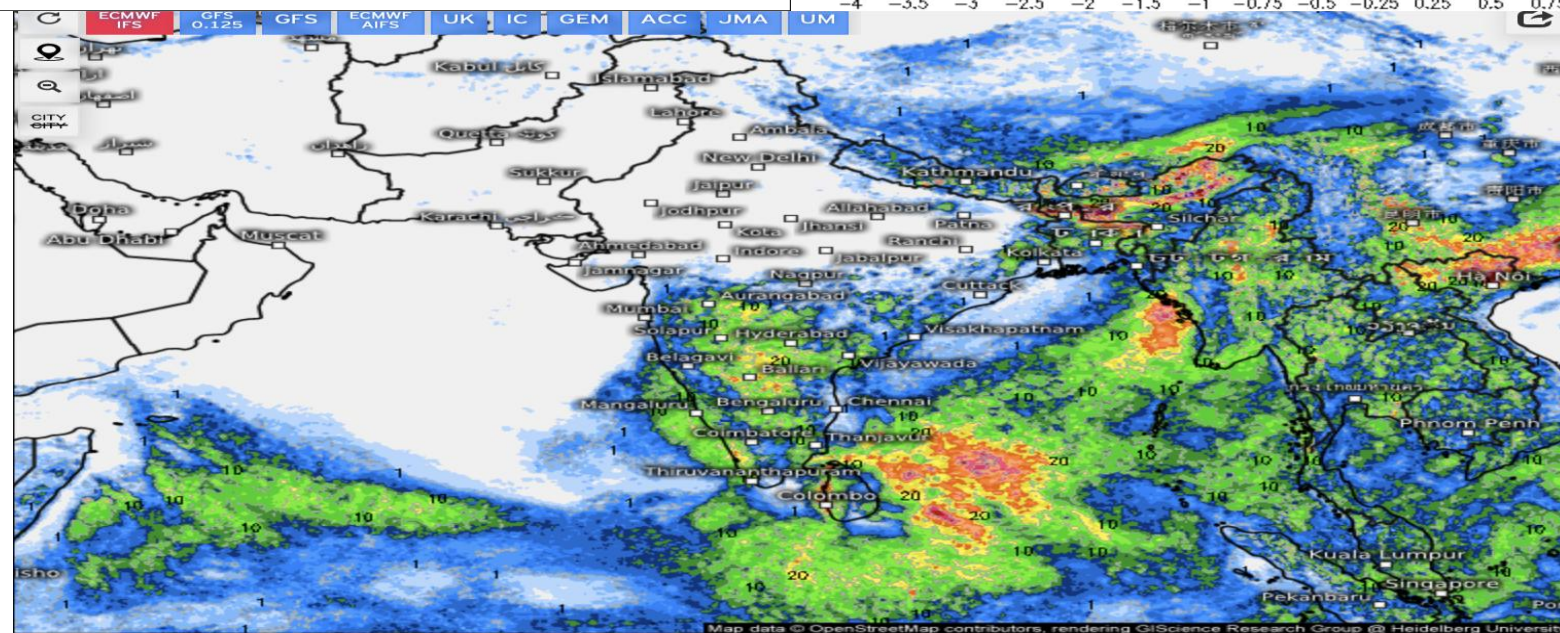


IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (72 HR)
based on 00 UTC of 15-05-2025 valid for 03 UTC of 18-05-2025



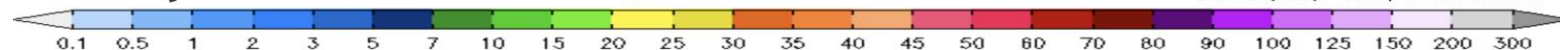
Temperature anomaly (std. deviation)

Valid for
Sun 05/18/2025, 02:30pm IST

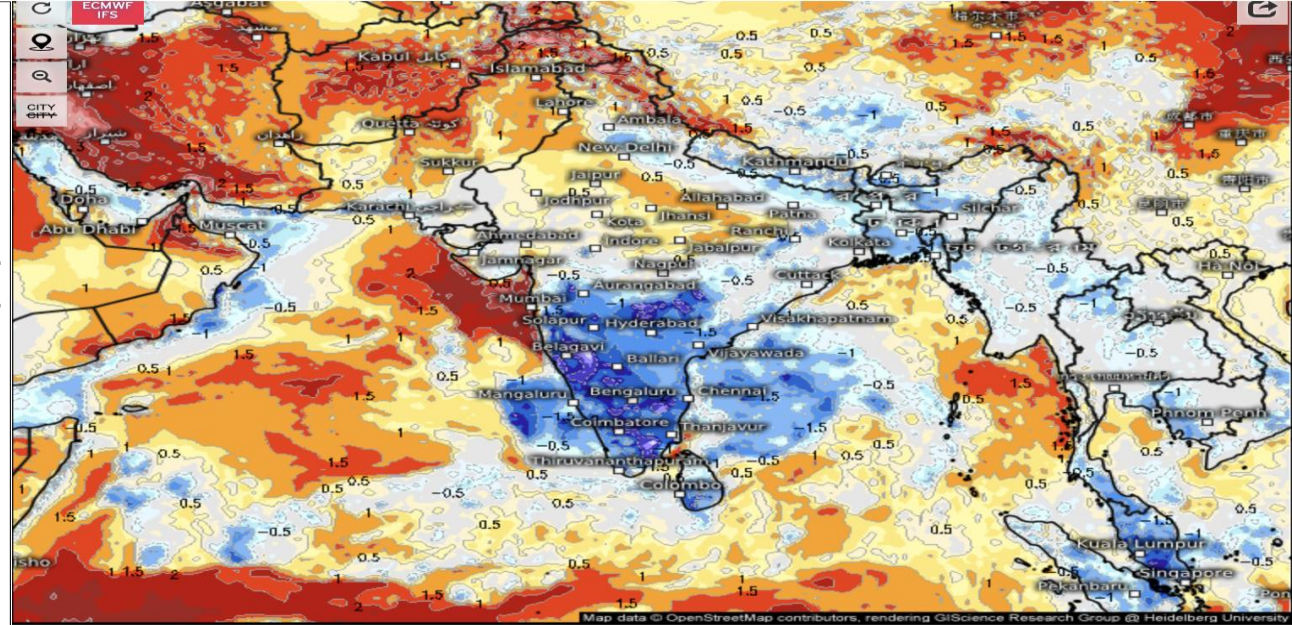
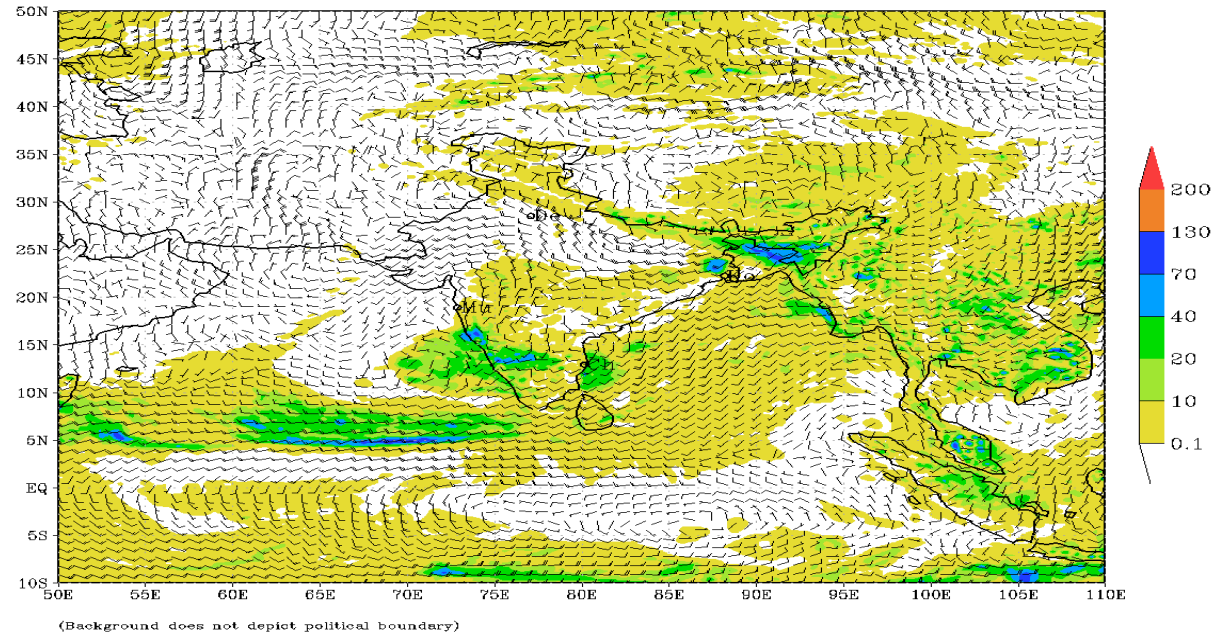


Precipitation, 24h (mm)

Valid for
Sun 05/18/2025, 05:30am IST

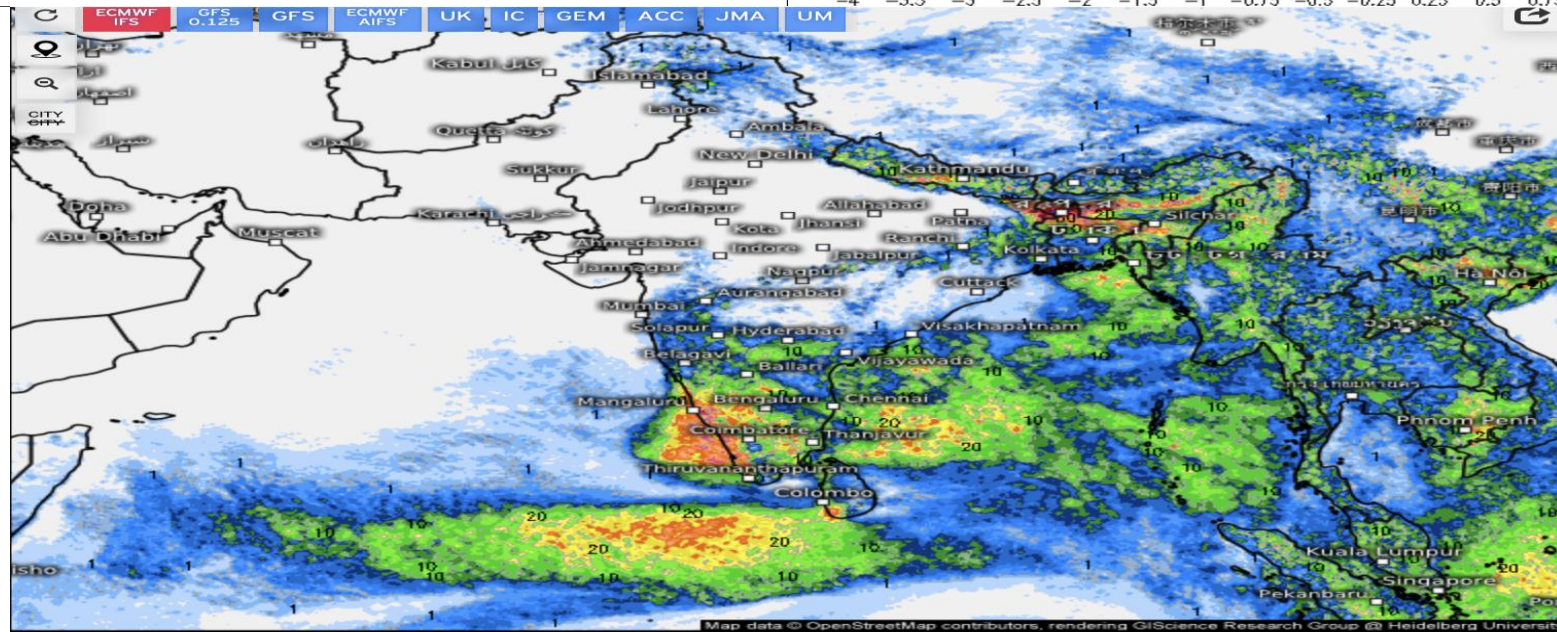


IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (120 HR)
based on 00 UTC of 15-05-2025 valid for 03 UTC of 20-05-2025



Temperature anomaly (std. deviation)

Valid for Tue 05/20/2025, 02:30pm IST

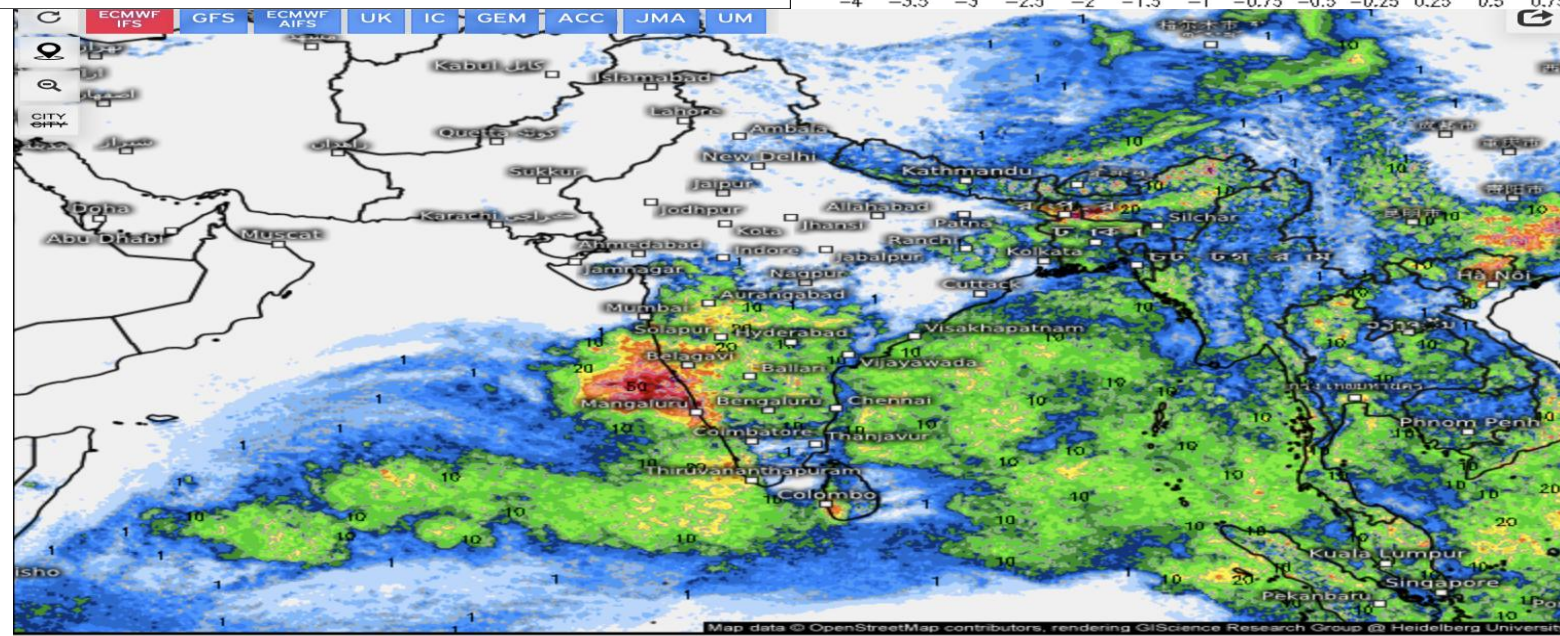
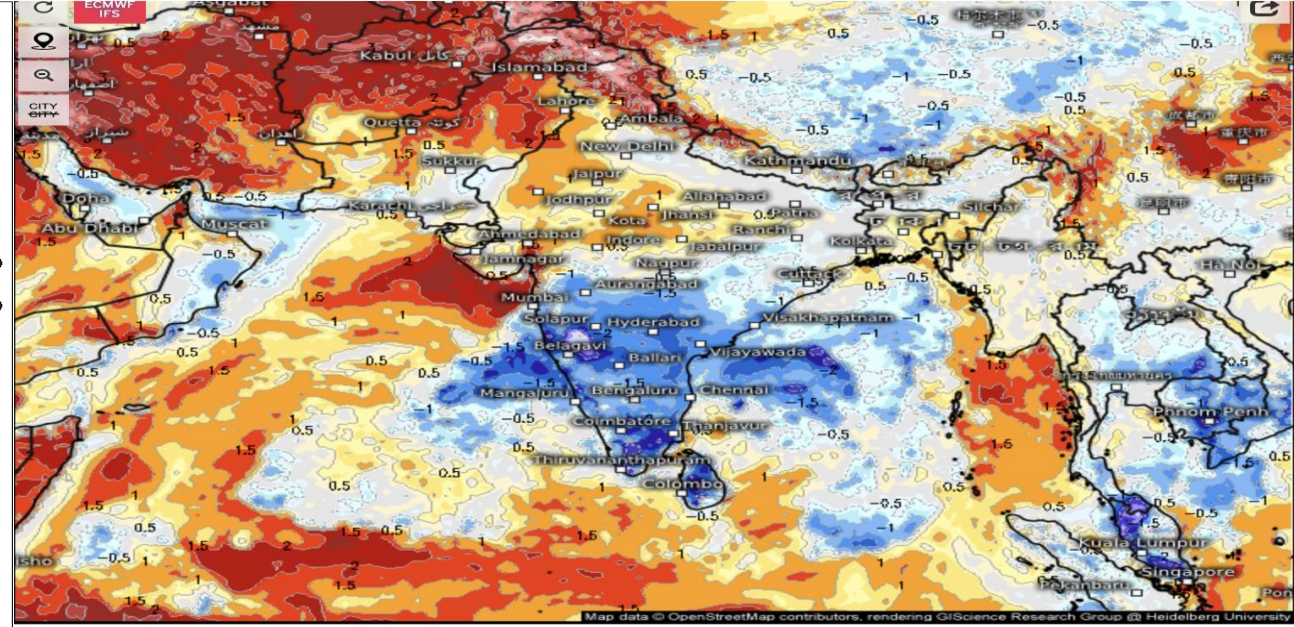
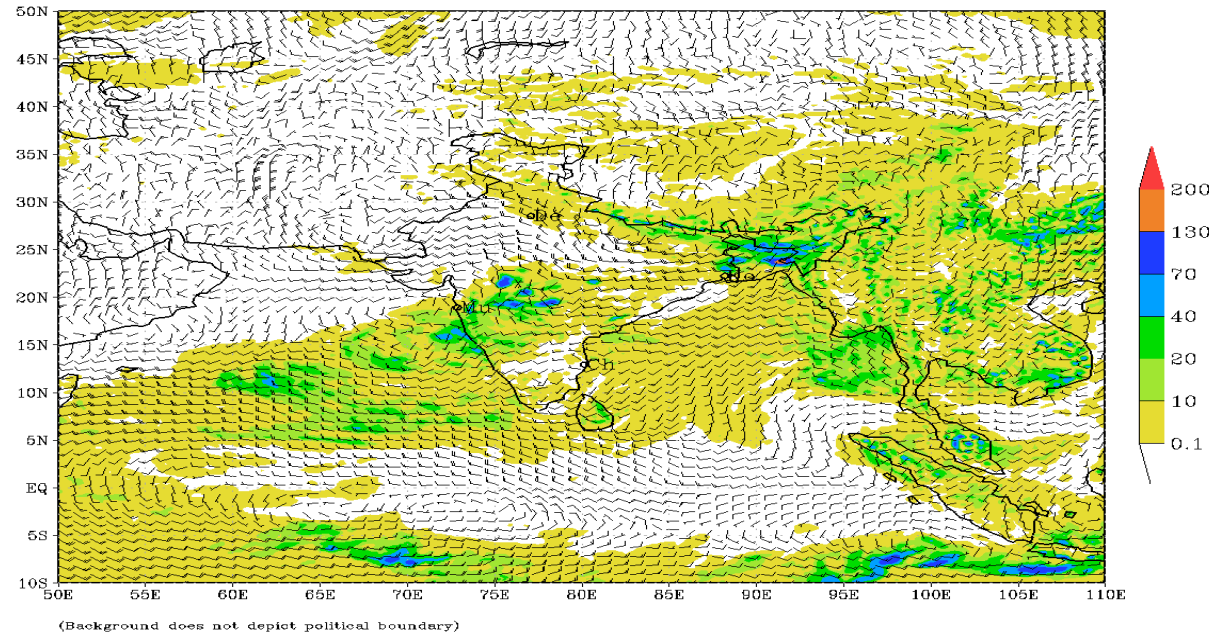


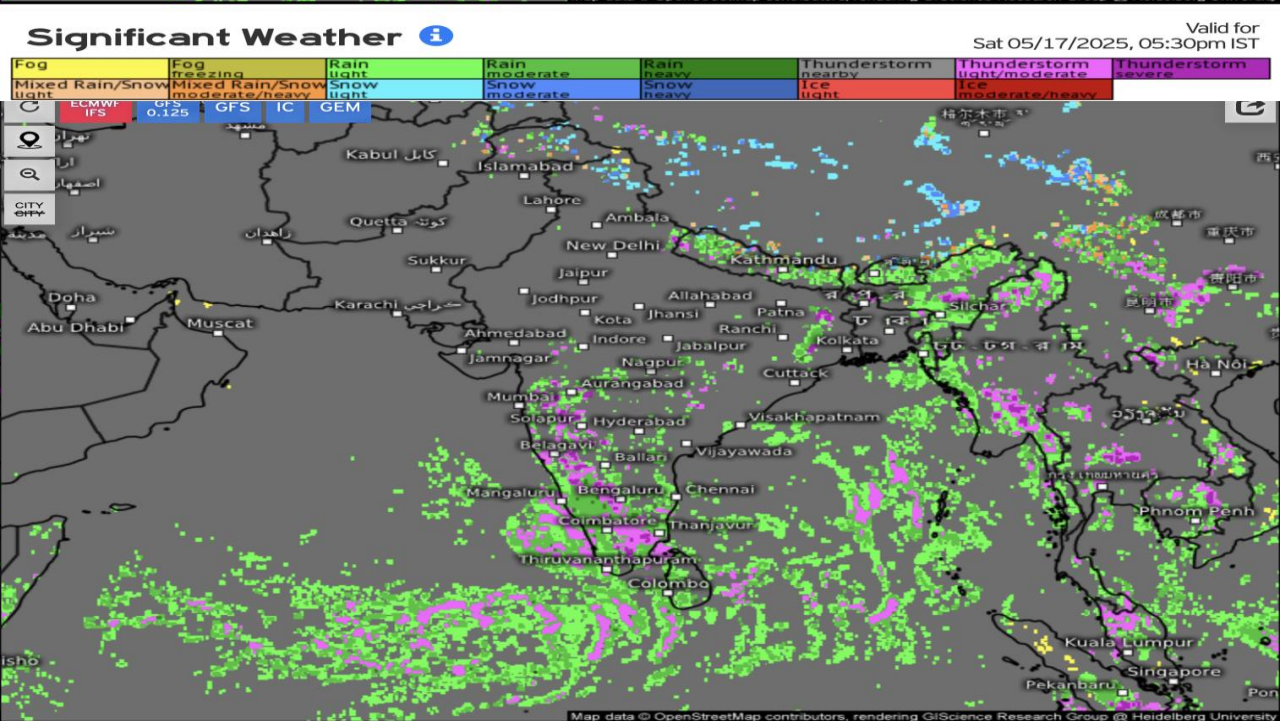
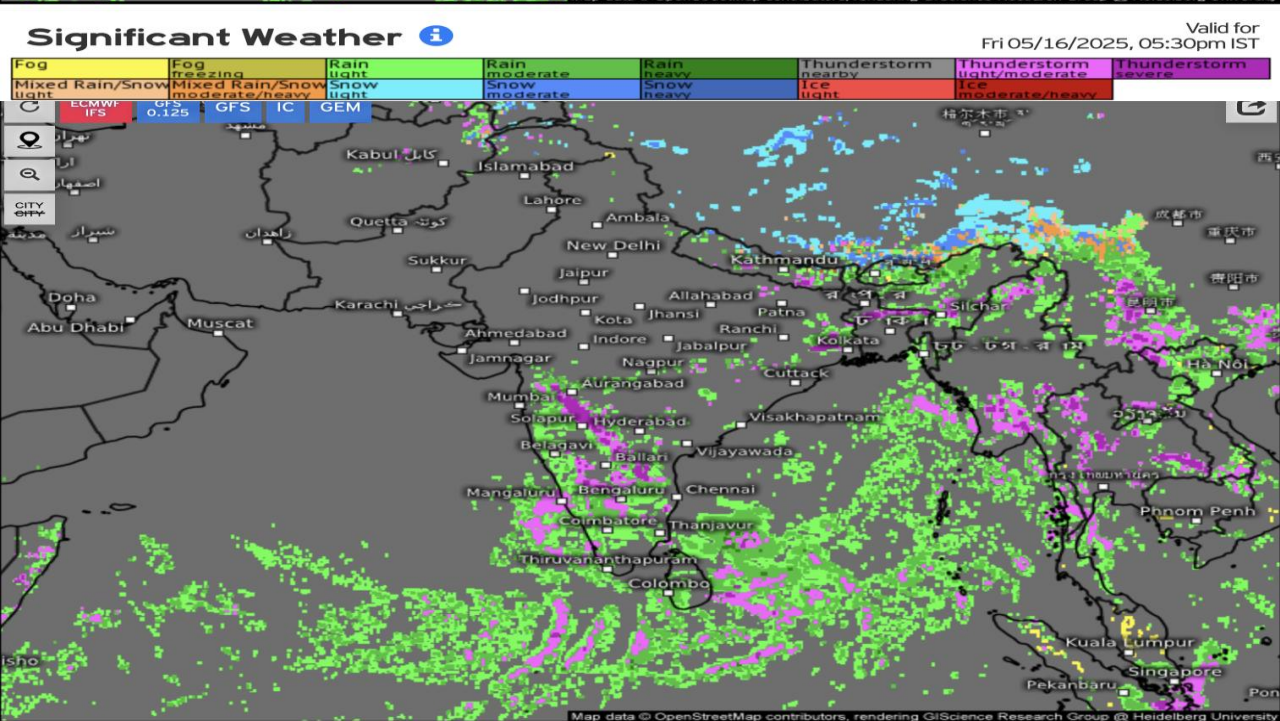
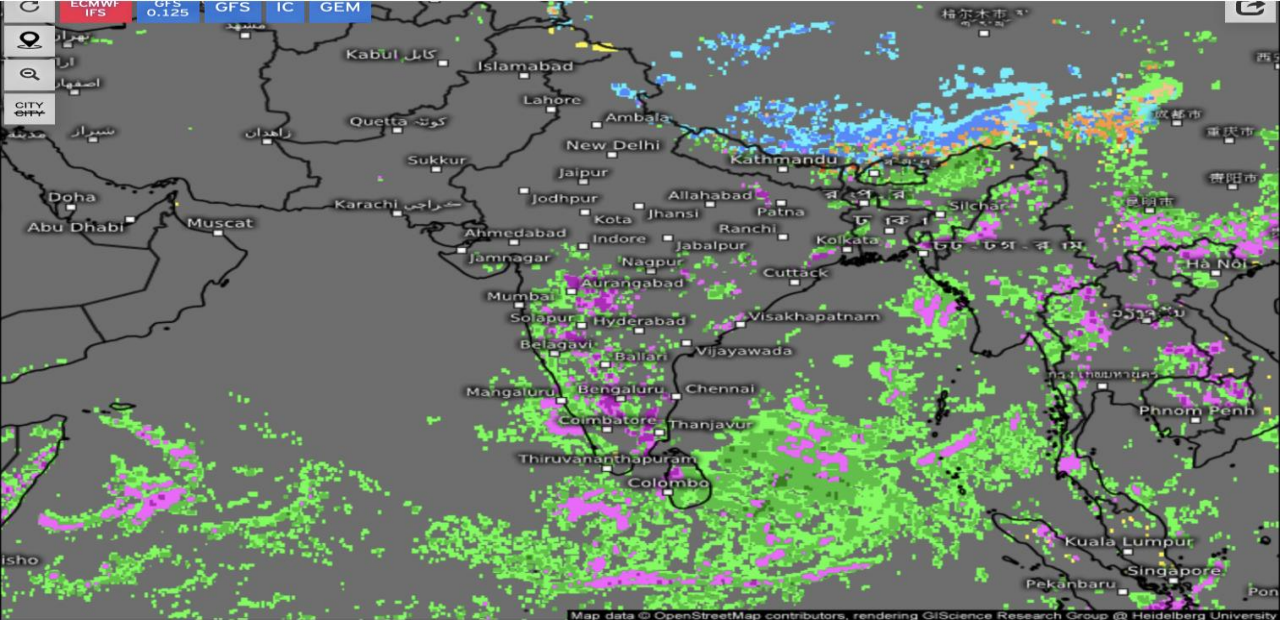
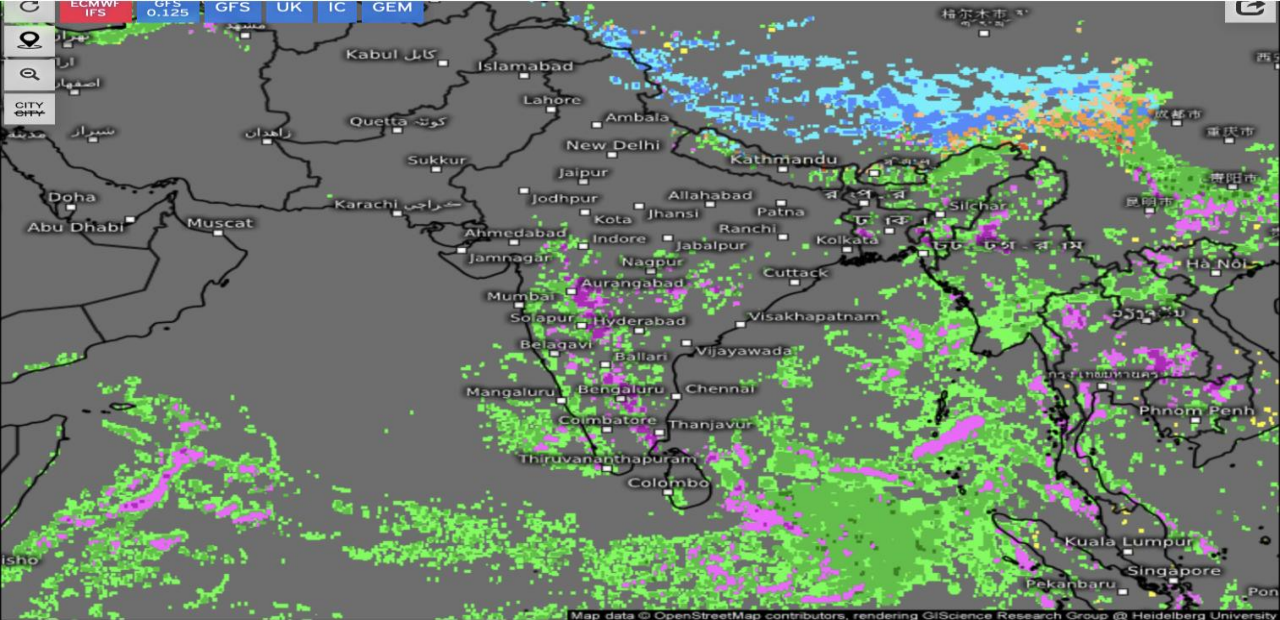
Precipitation, 24h (mm)

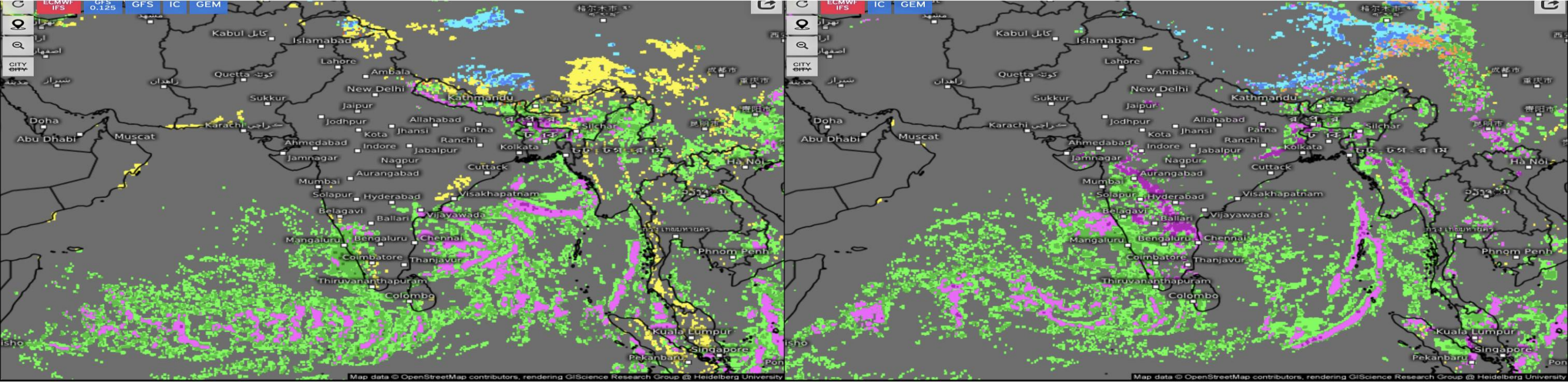
Valid for Tue 05/20/2025, 05:30am IST



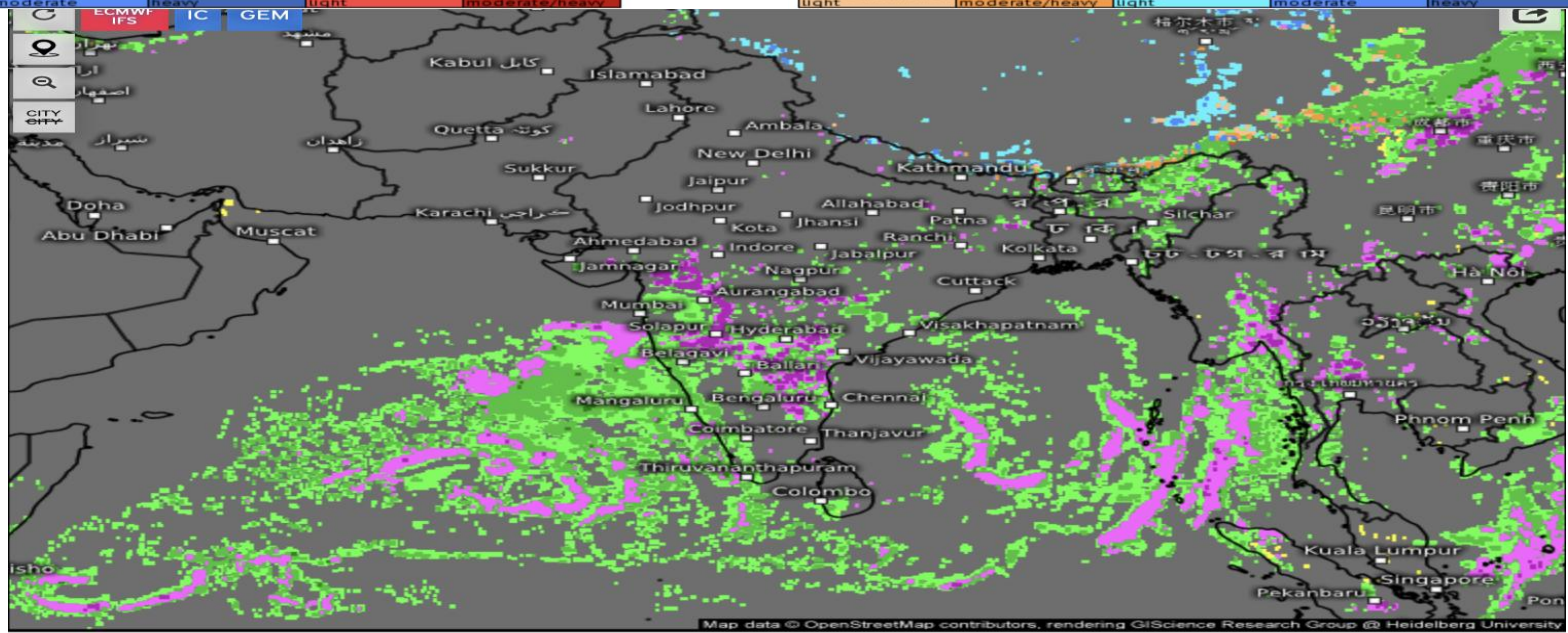
IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (168 HR)
based on 00 UTC of 15-05-2025 valid for 03 UTC of 22-05-2025







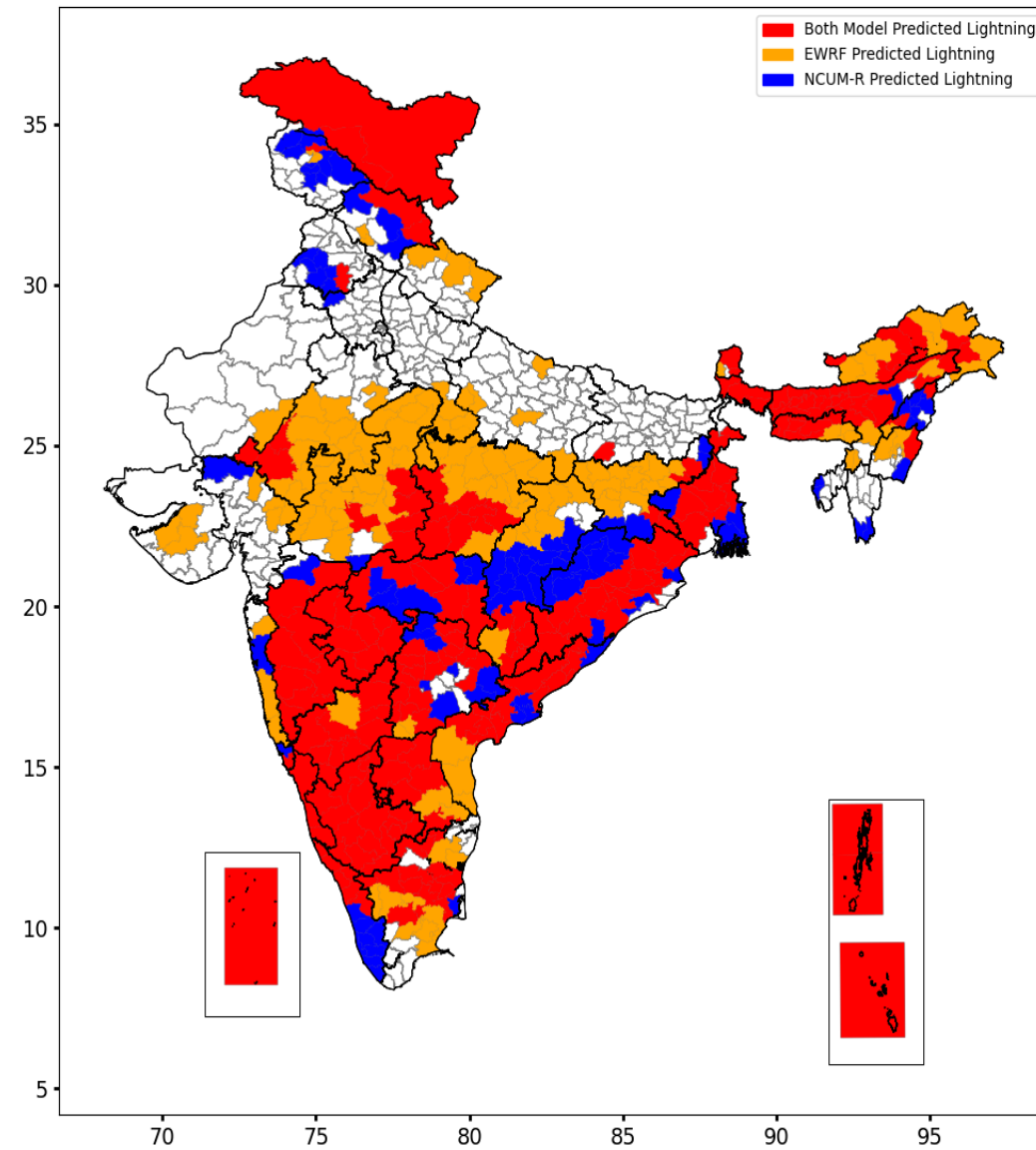
Significant Weather							Significant Weather						
Valid for Tue 05/20/2025, 05:30am IST							Valid for Wed 05/21/2025, 05:30pm IST						
Fog	Fog	Rain	Rain	Rain	Thunderstorm	Thunderstorm	Fog	Fog	Rain	Rain	Thunderstorm	Thunderstorm	Thunderstorm
Mixed Rain/Snow	freezing	light	moderate	heavy	nearby	light/moderate	Mixed Rain/Snow	freezing	light	moderate	nearby	light/moderate	severe
light	Mixed Rain/Snow	snow	snow	snow	ice	ice	light	Mixed Rain/Snow	snow	snow	ice	ice	ice
	moderate/heavy	light	moderate	heavy	light	moderate/heavy		moderate/heavy	light	moderate	light	moderate/heavy	



Significant Weather							Significant Weather						
Valid for Thu 05/22/2025, 05:30pm IST							Valid for Thu 05/22/2025, 05:30pm IST						
Fog	Fog	Rain	Rain	Rain	Thunderstorm	Thunderstorm	Fog	Fog	Rain	Rain	Thunderstorm	Thunderstorm	Thunderstorm
Mixed Rain/Snow	freezing	light	moderate	heavy	nearby	light/moderate	Mixed Rain/Snow	freezing	light	moderate	nearby	light/moderate	severe
light	Mixed Rain/Snow	snow	snow	snow	ice	ice	light	Mixed Rain/Snow	snow	snow	ice	ice	ice
	moderate/heavy	light	moderate	heavy	light	moderate/heavy		moderate/heavy	light	moderate	light	moderate/heavy	

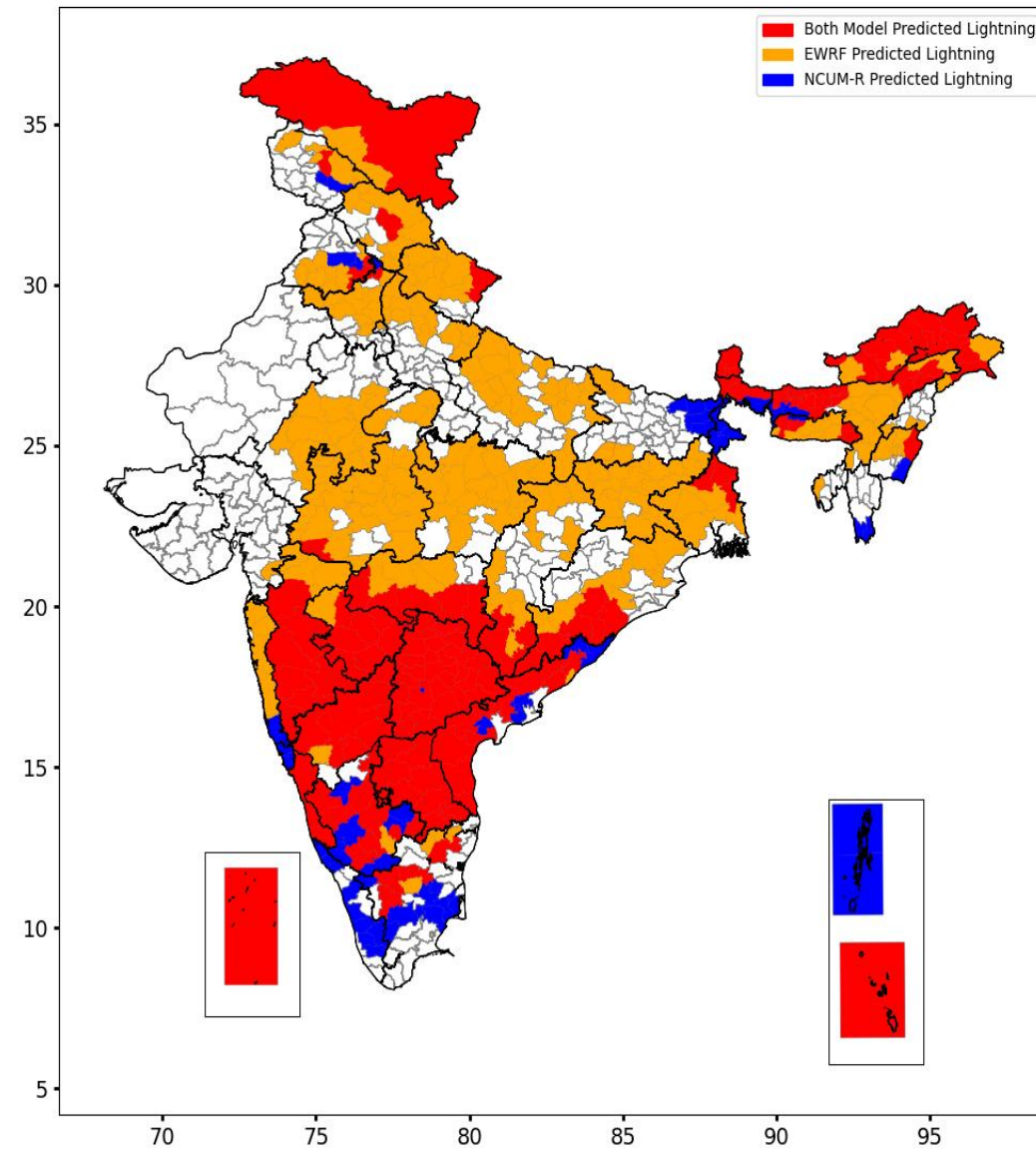


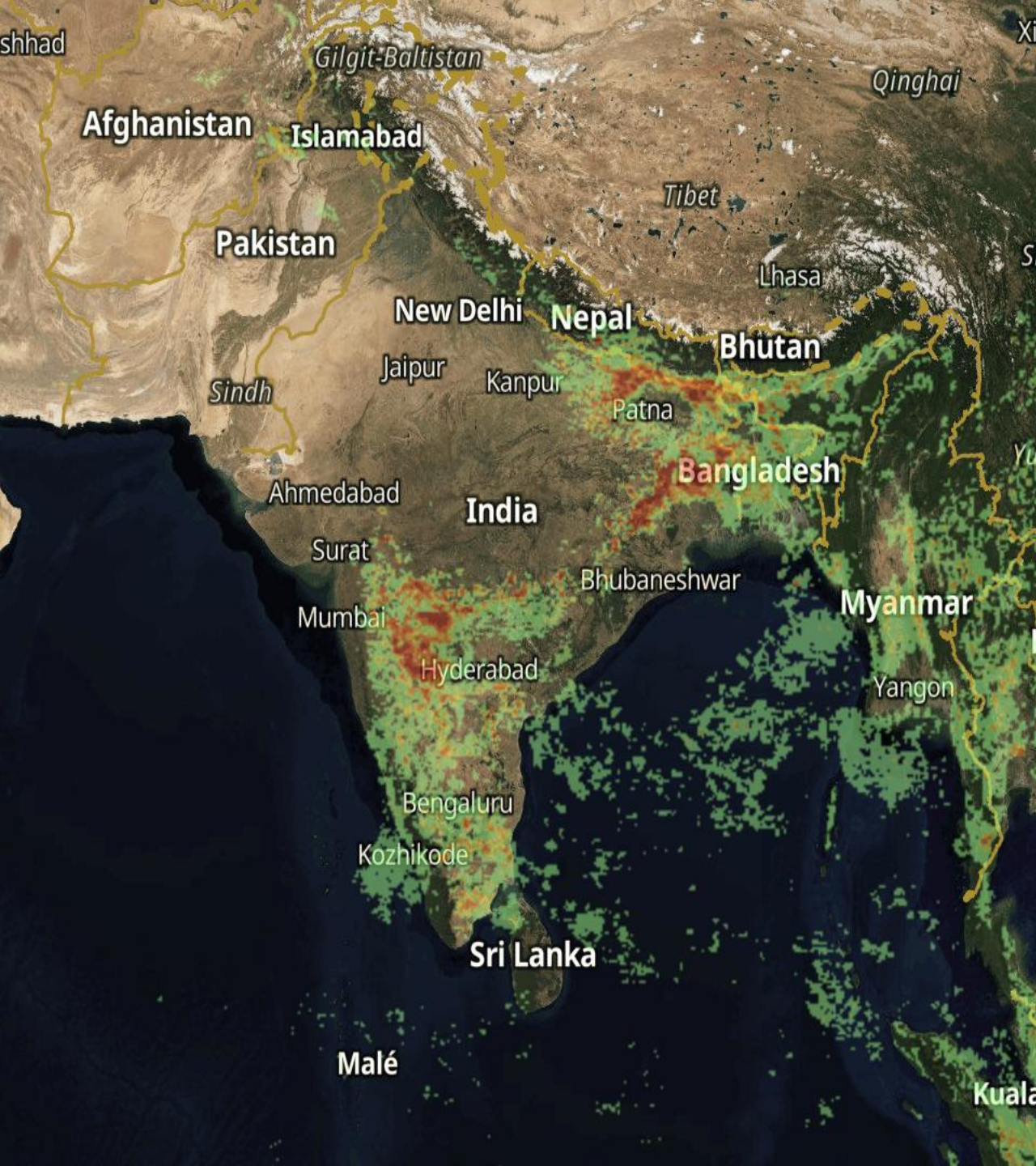
Consensus Plot (EWRP & NCUM-R) of Lightning density over Districts
valid from 2025-05-15 - 00 UTC to 2025-05-16 - 00 UTC based on 00 UTC of 2025-05-15



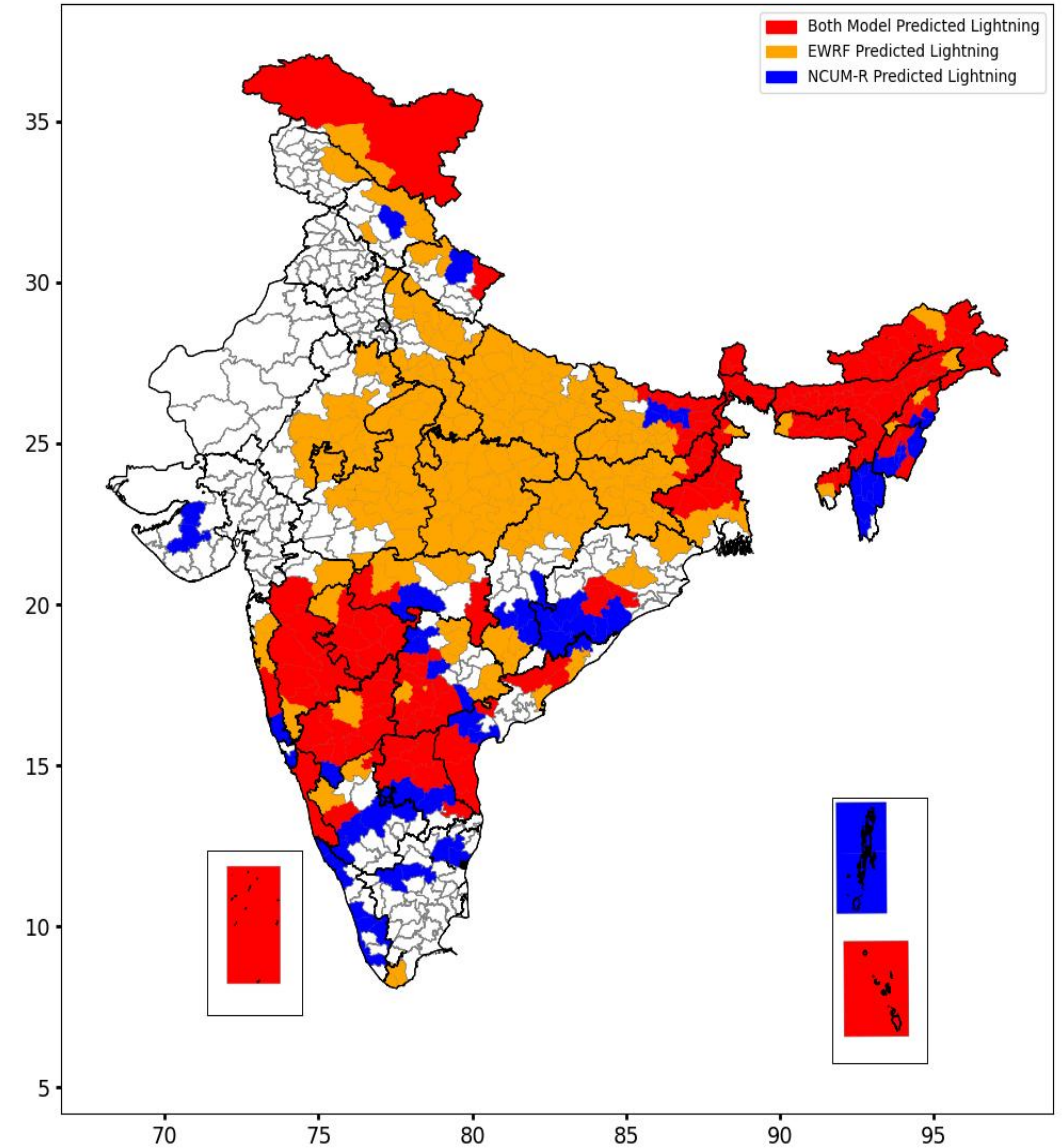


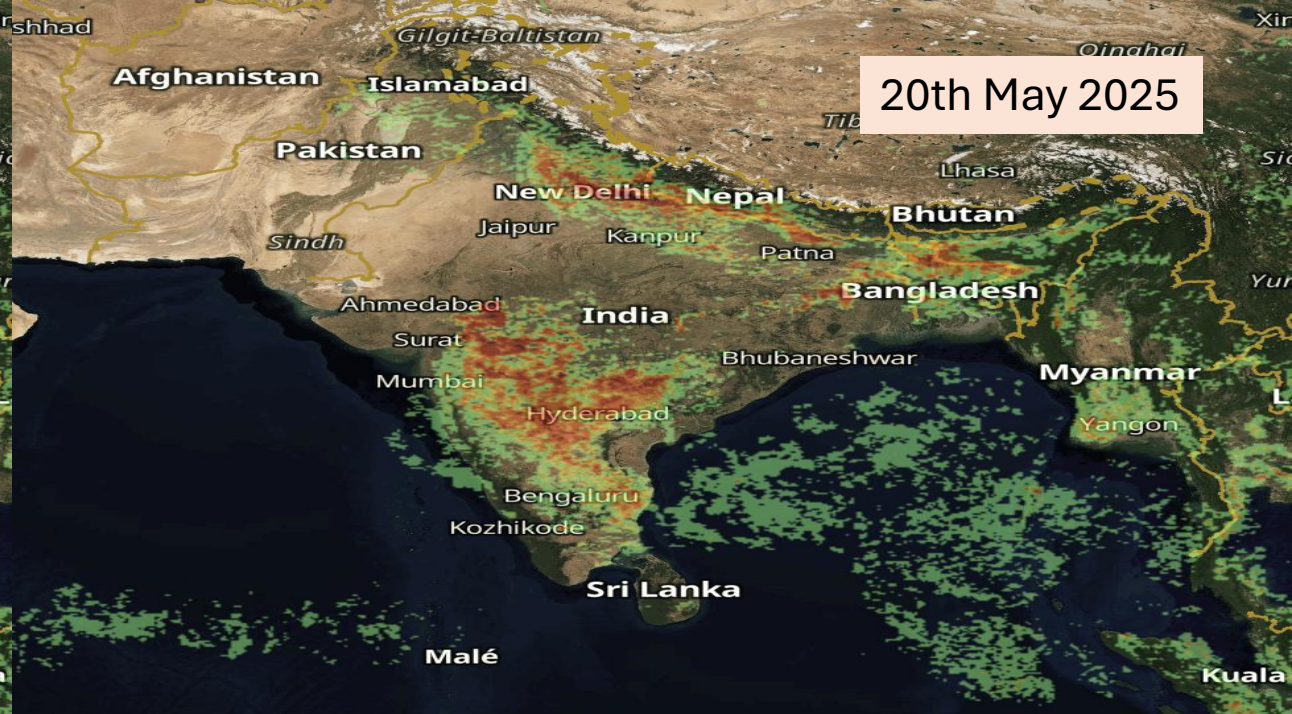
Consensus Plot (EWRF & NCUM-R) of Lightning density over Districts
valid from 2025-05-16 - 00 UTC to 2025-05-17 - 00 UTC based on 00 UTC of 2025-05-15

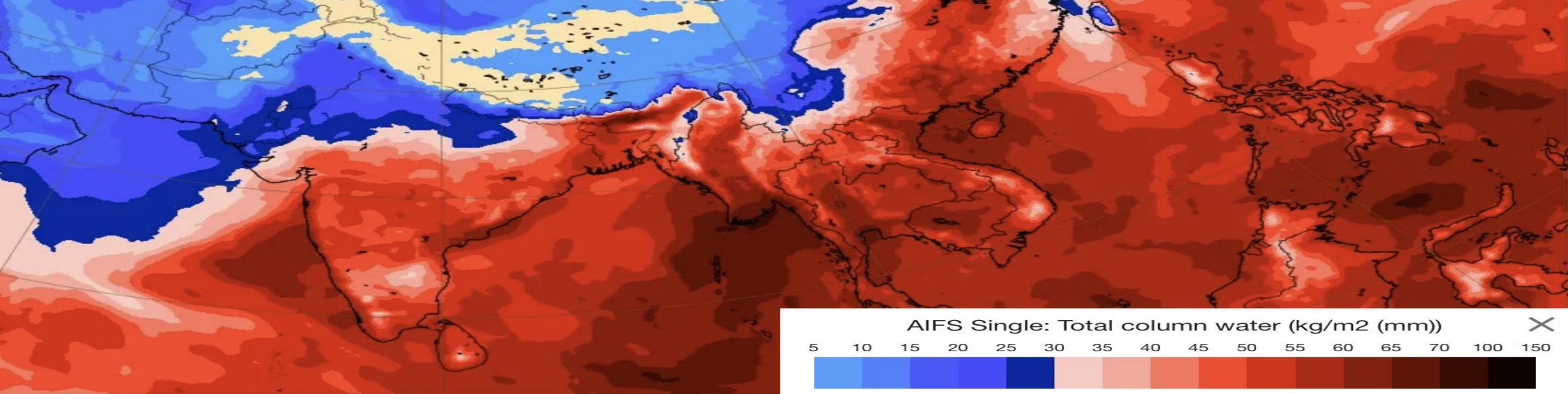




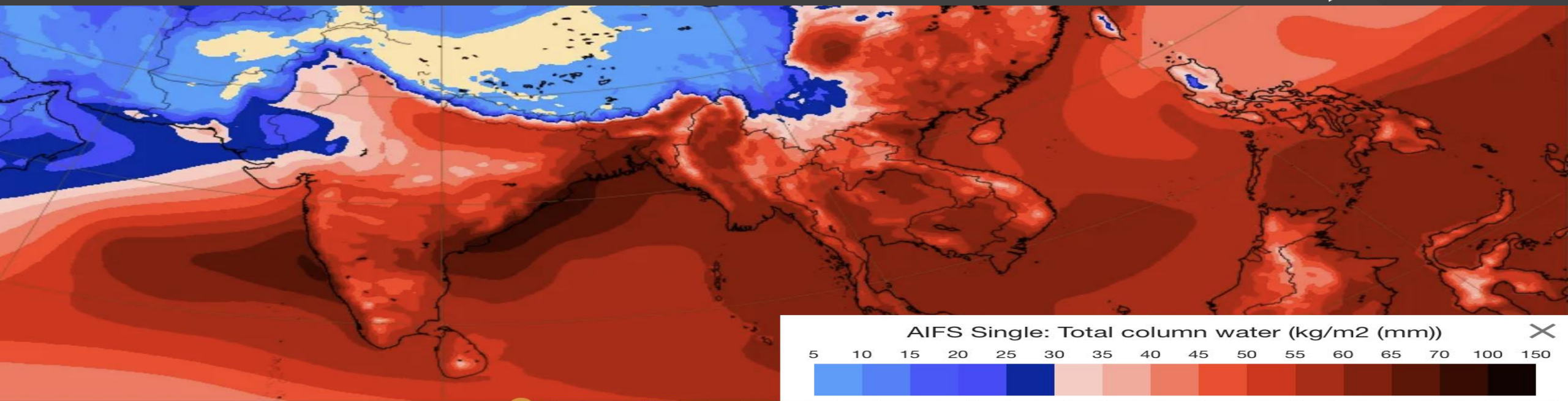
Consensus Plot (EWRP & NCUM-R) of Lightning density over Districts
valid from 2025-05-17 - 00 UTC to 2025-05-18 - 00 UTC based on 00 UTC of 2025-05-15





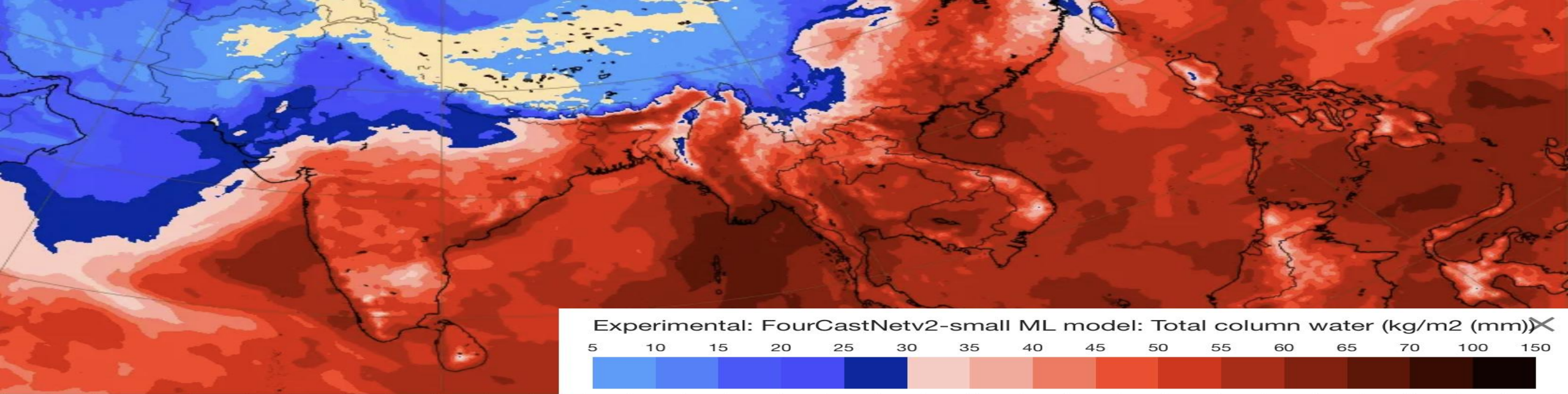


Thu 15 May 2025 00 UTC (T+0)

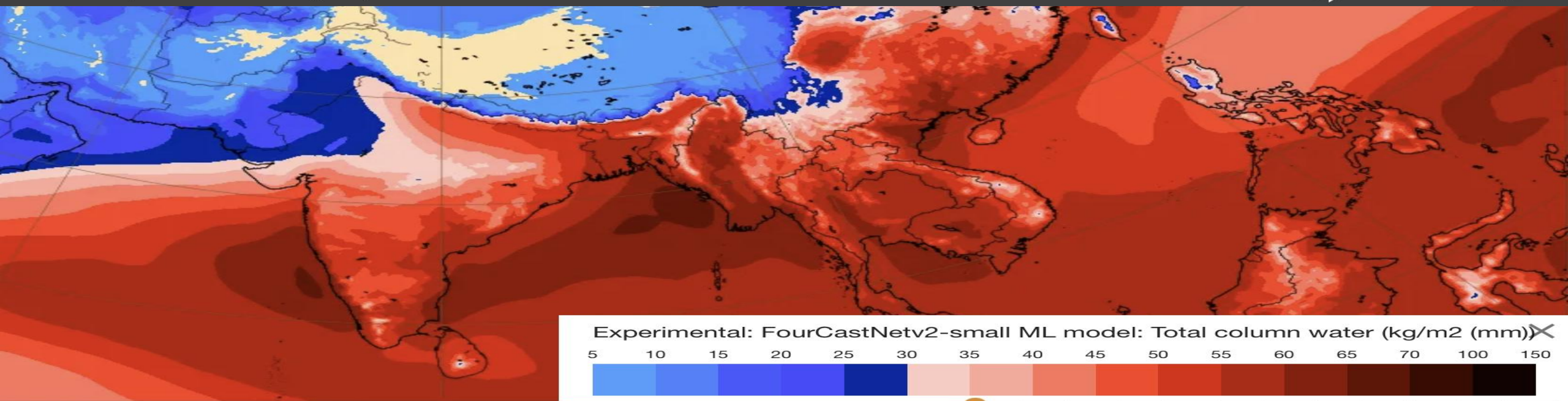


Thu 22 May 2025 00 UTC (T+168)



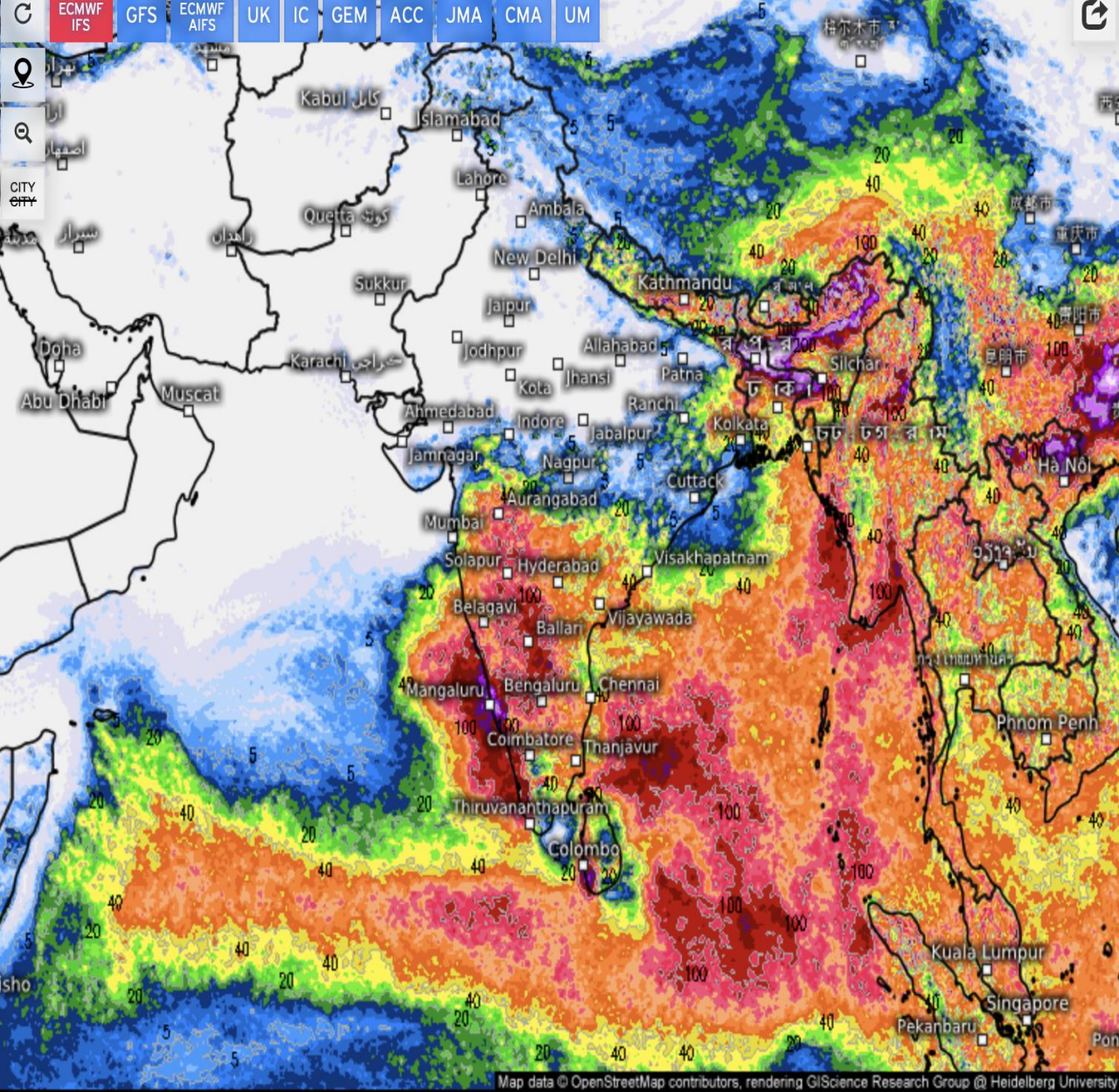


Thu 15 May 2025 00 UTC (T+0)



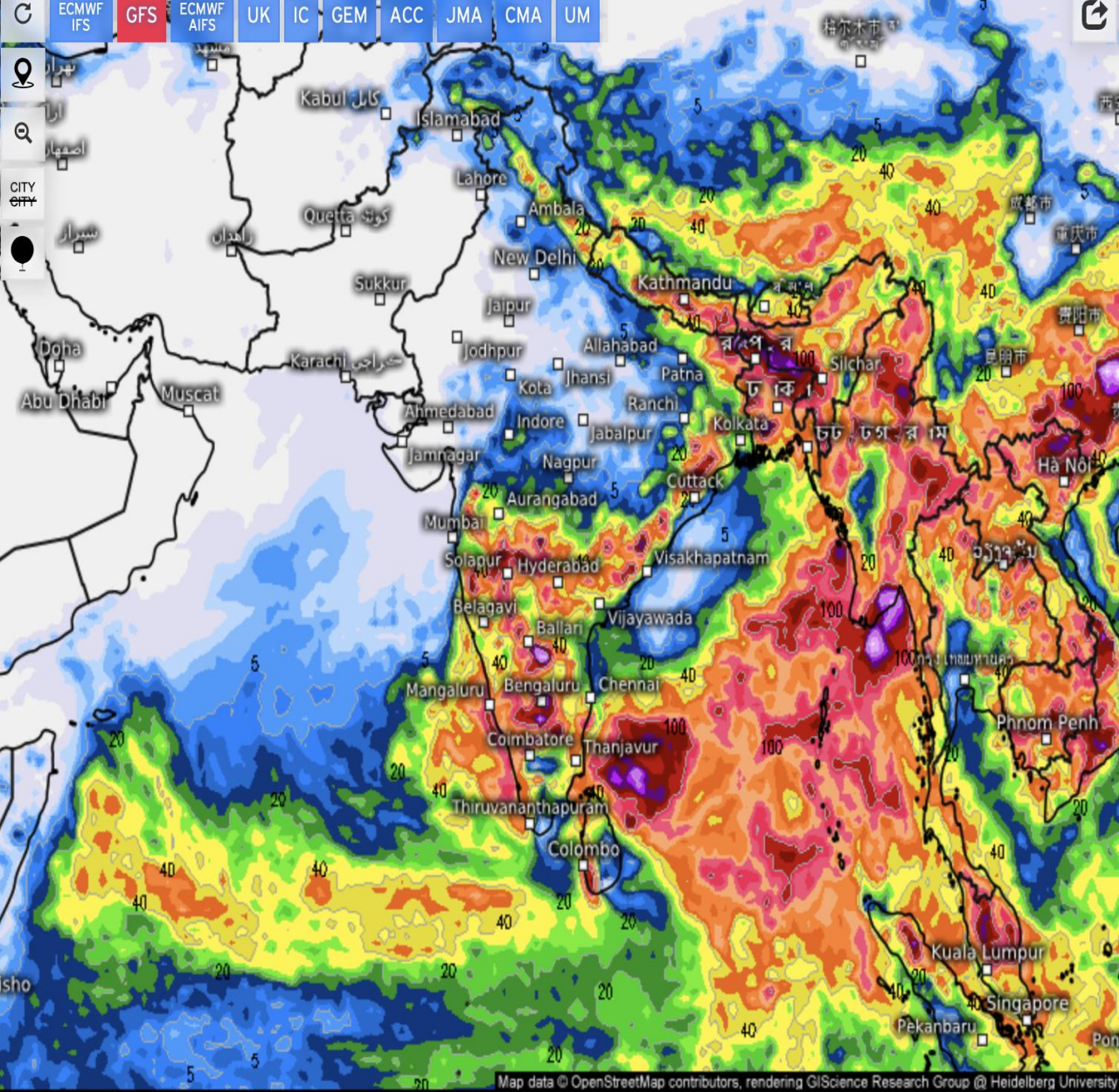
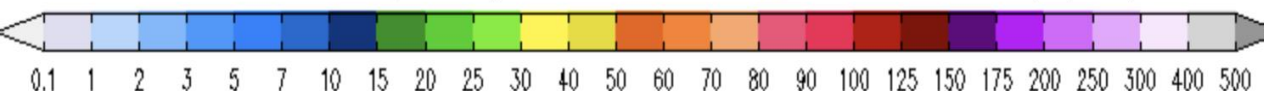
Thu 22 May 2025 00 UTC (T+168)





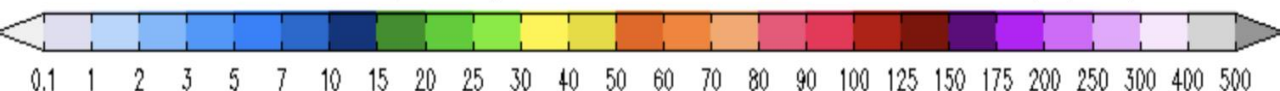
Accumulated total precipitation (mm)

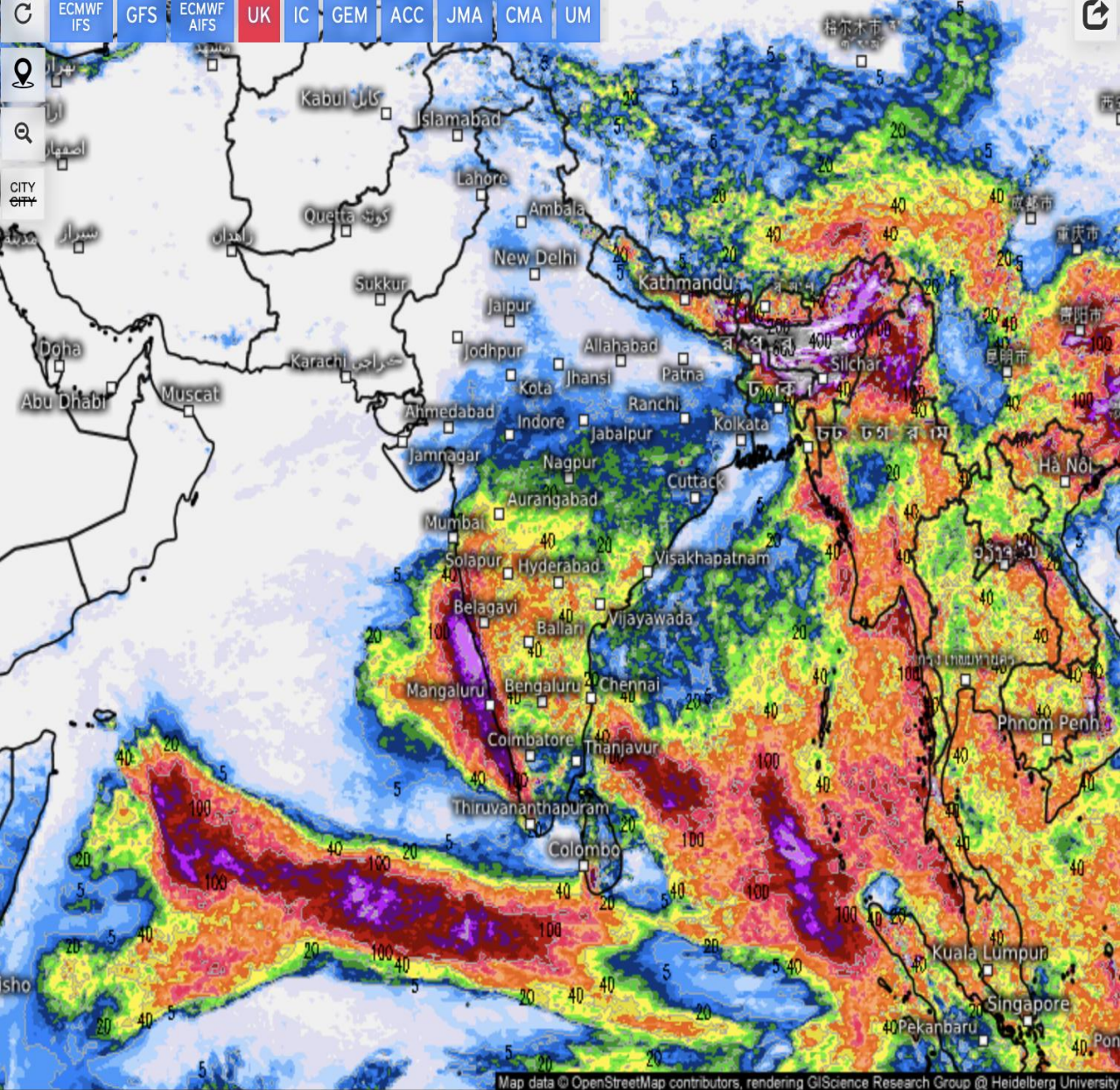
From Thu 05/15/2025, 05:30am IST
to Thu 05/22/2025, 05:30am IST



Accumulated total precipitation (mm)

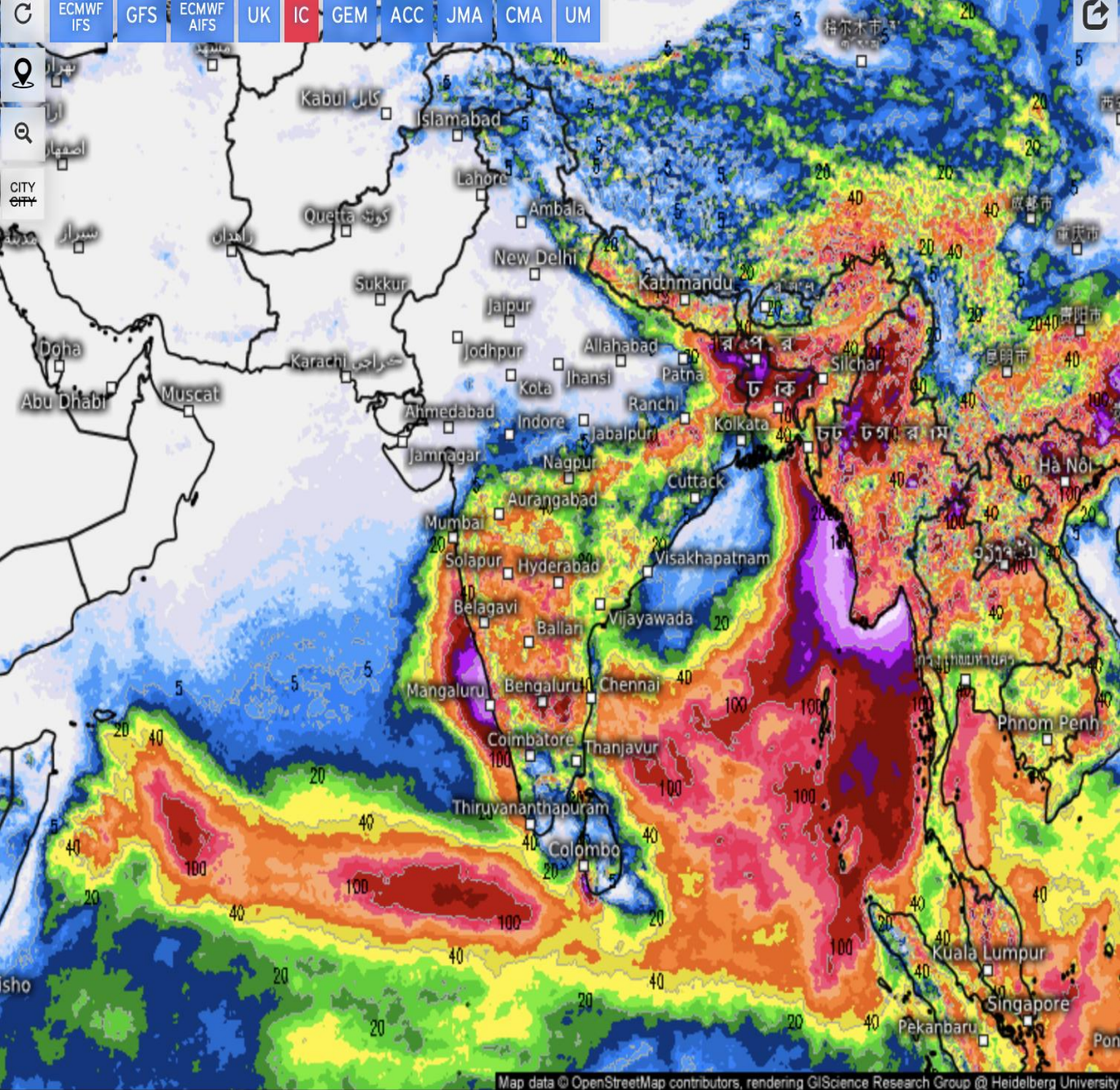
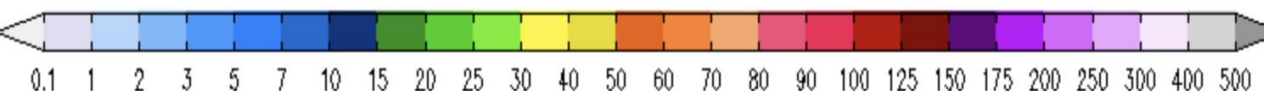
From Thu 05/15/2025, 05:30am IST
to Thu 05/22/2025, 05:30am IST





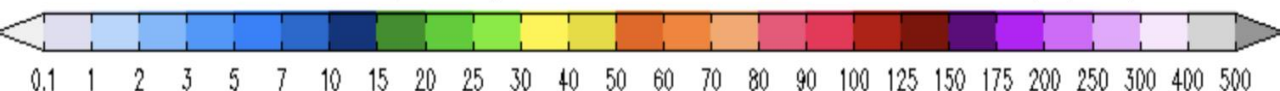
Accumulated total precipitation (mm)

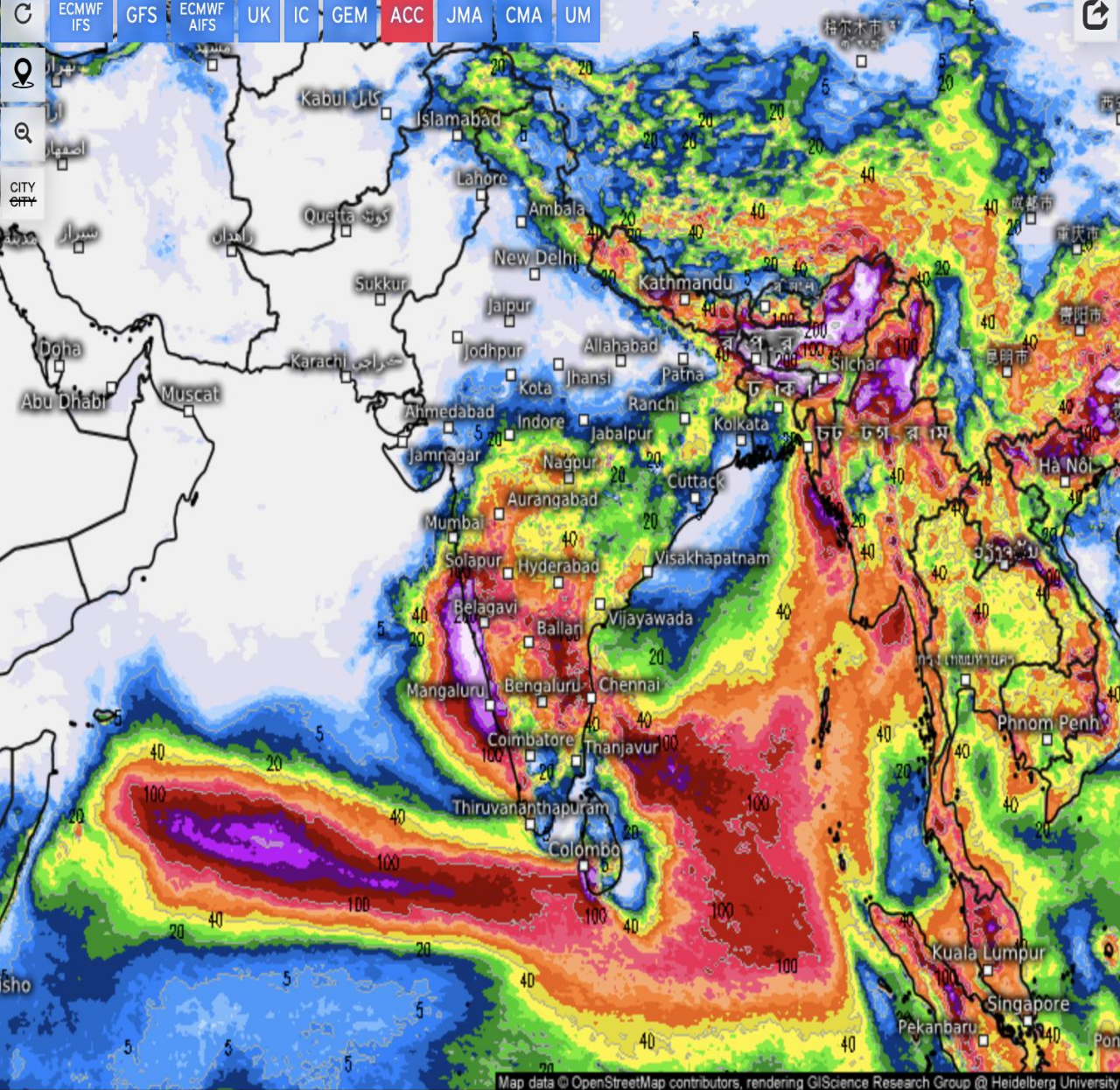
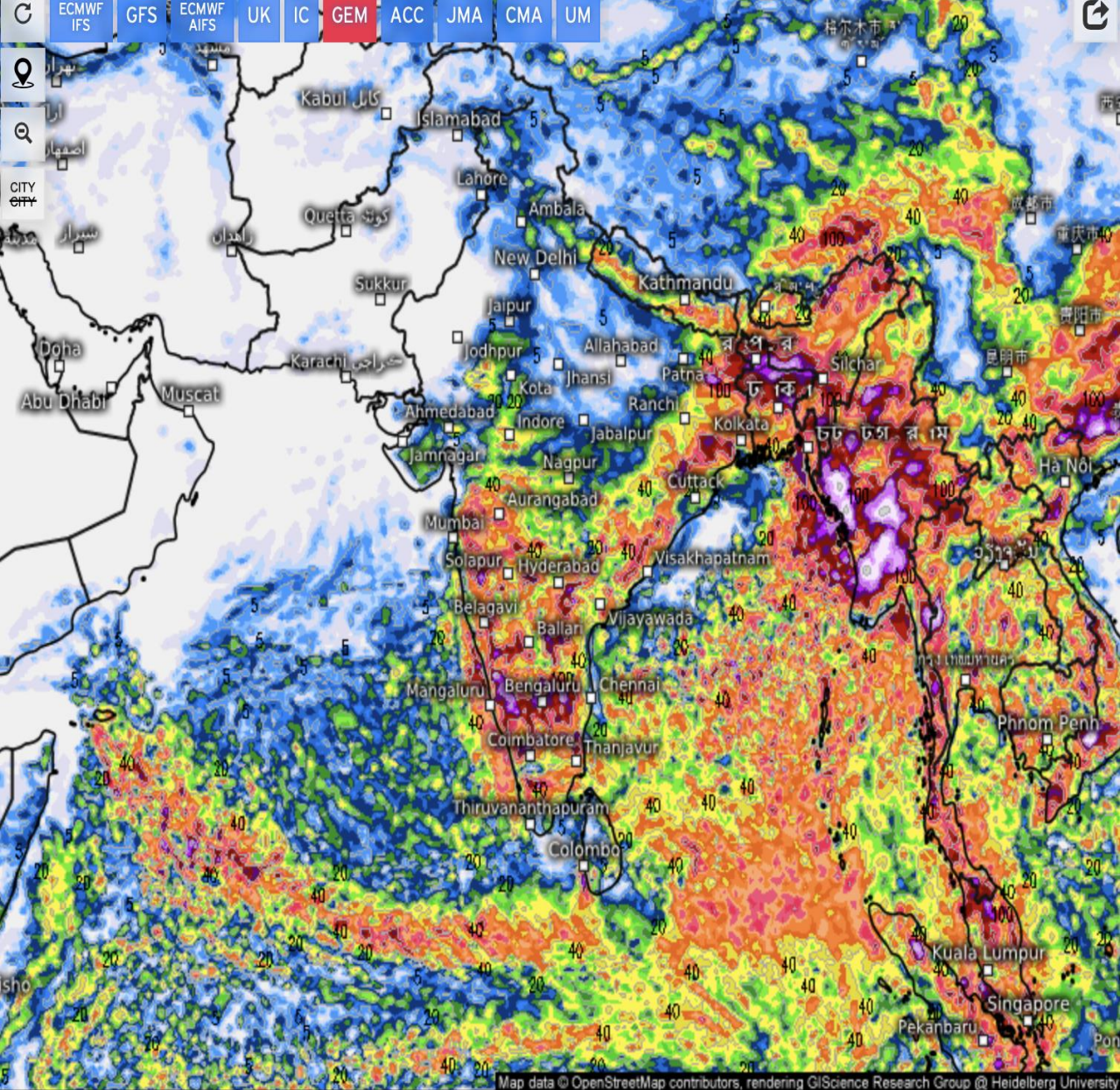
From Thu 05/15/2025, 05:30am IST
to Thu 05/22/2025, 05:30am IST



Accumulated total precipitation (mm) 

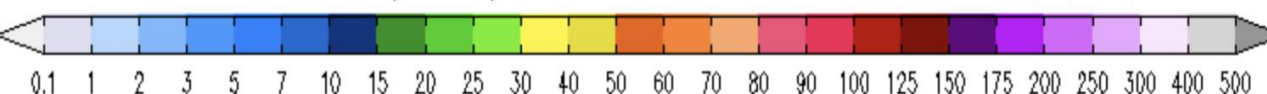
From Thu 05/15/2025, 05:30am IST
to Thu 05/22/2025, 05:30am IST





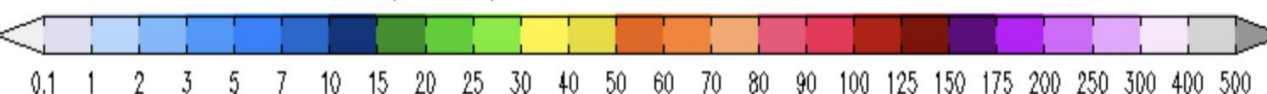
Accumulated total precipitation (mm) ⓘ

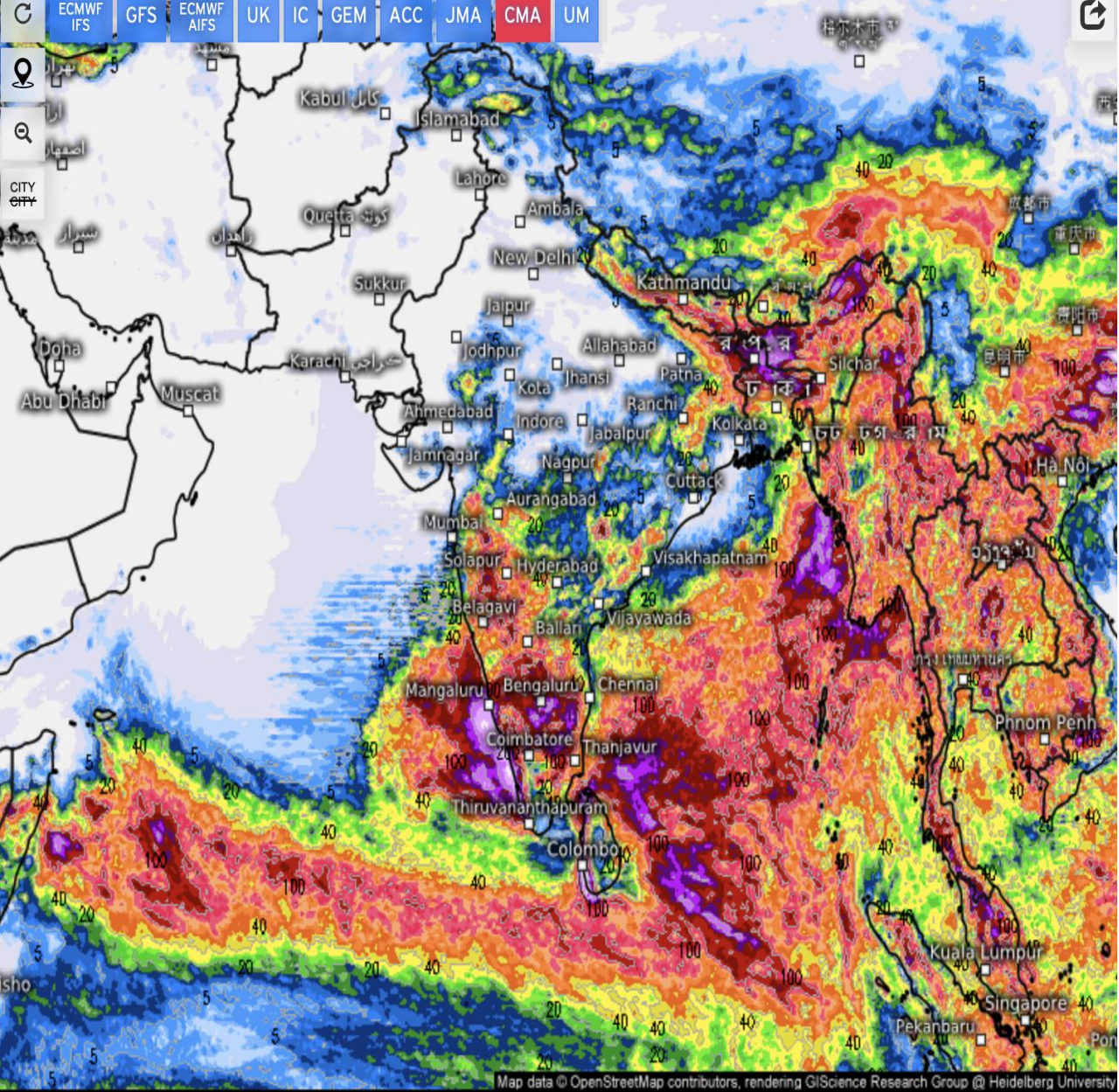
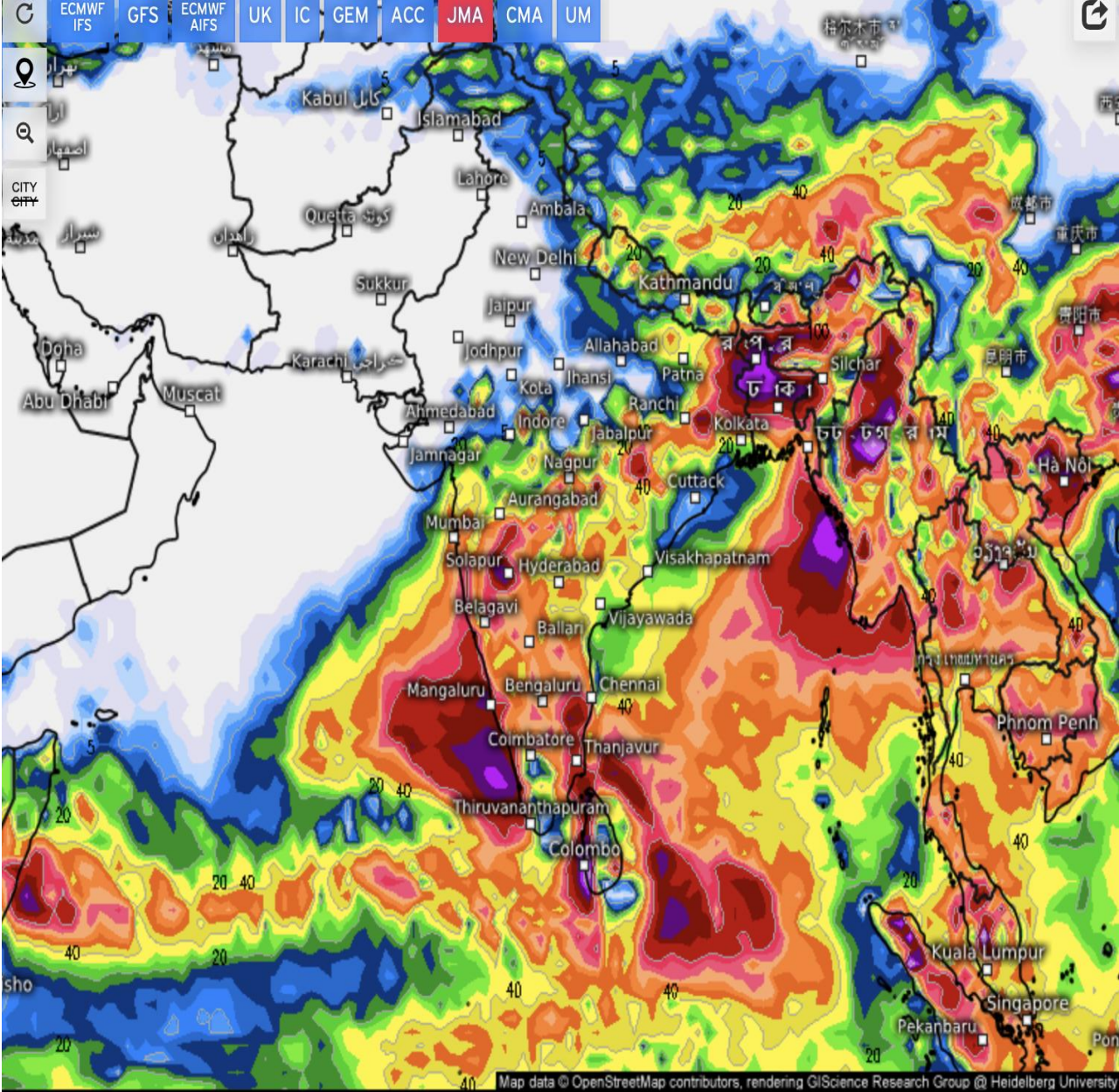
From Thu 05/15/2025, 05:30am IST
to Thu 05/22/2025, 05:30am IST



Accumulated total precipitation (mm) ⓘ

From Thu 05/15/2025, 05:30am IST
to Thu 05/22/2025, 05:30am IST



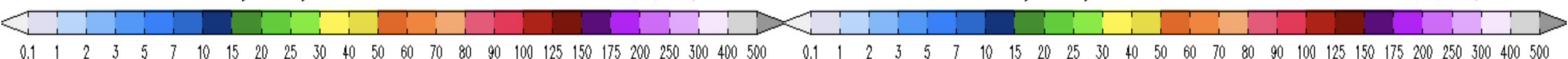


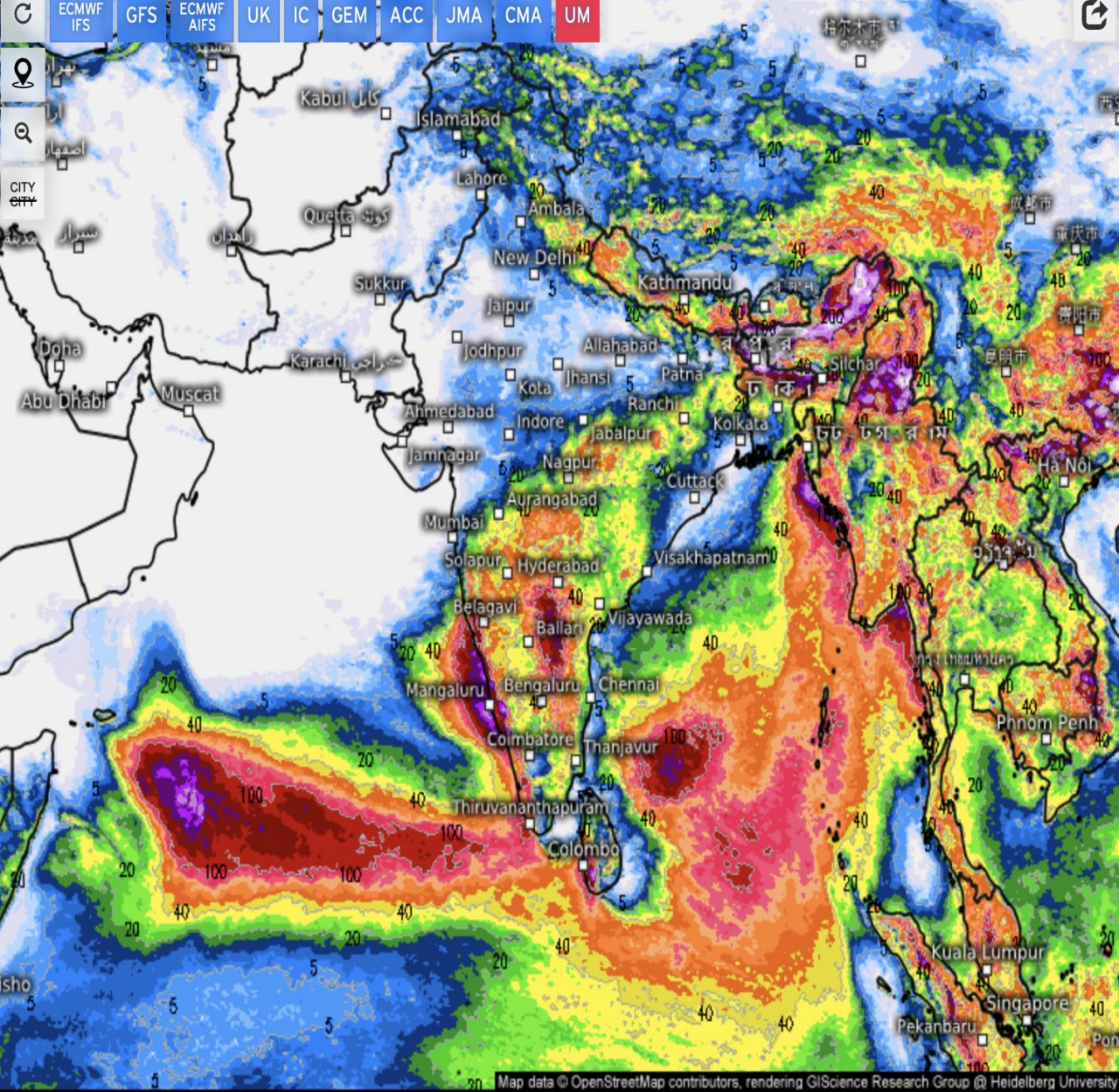
Accumulated total precipitation (mm)

From Wed 05/14/2025, 05:30pm IST
to Thu 05/22/2025, 05:30am IST

Accumulated total precipitation (mm)

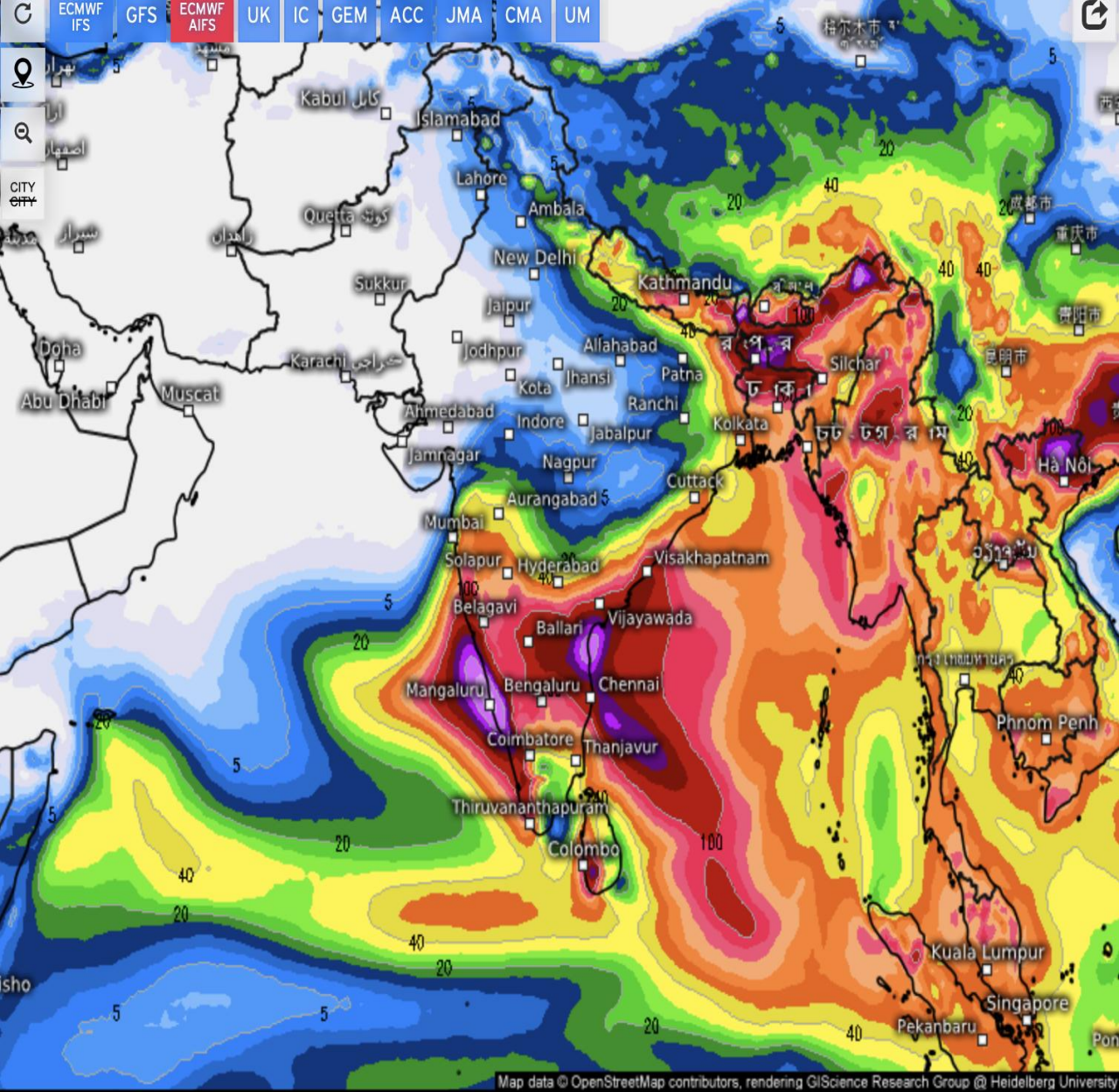
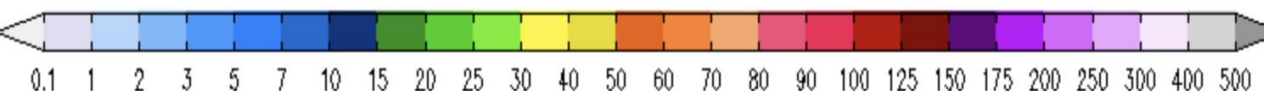
From Wed 05/14/2025, 05:30pm IST
to Thu 05/22/2025, 05:30am IST





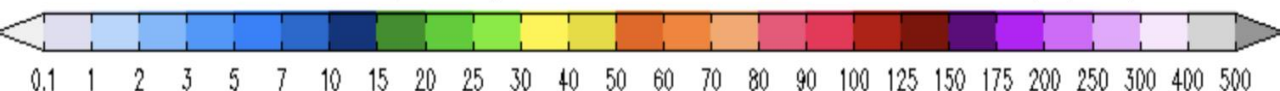
Accumulated total precipitation (mm)

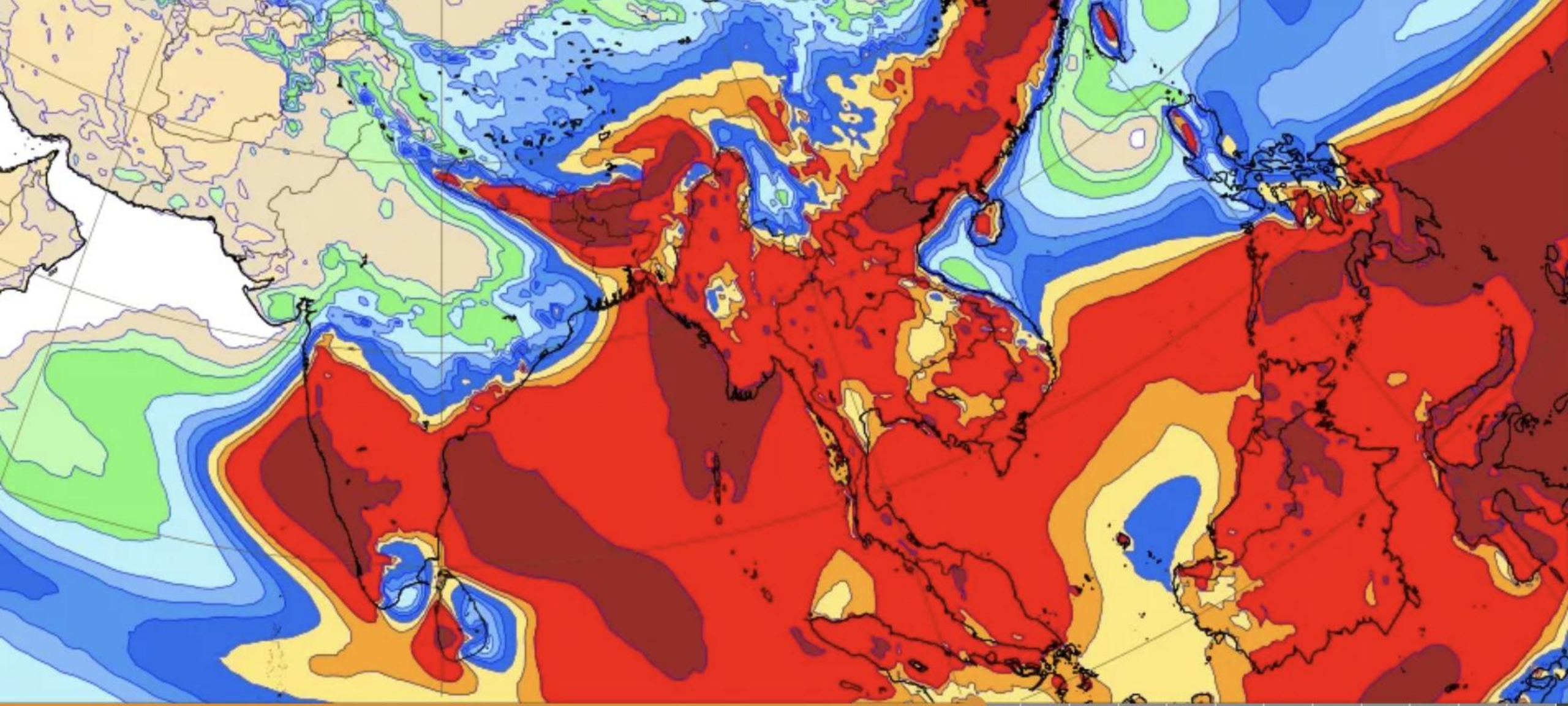
From Wed 05/14/2025, 05:30pm IST
to Thu 05/22/2025, 05:30am IST



Accumulated total precipitation (mm) 

From Thu 05/15/2025, 05:30am IST
to Thu 05/22/2025, 05:30am IST





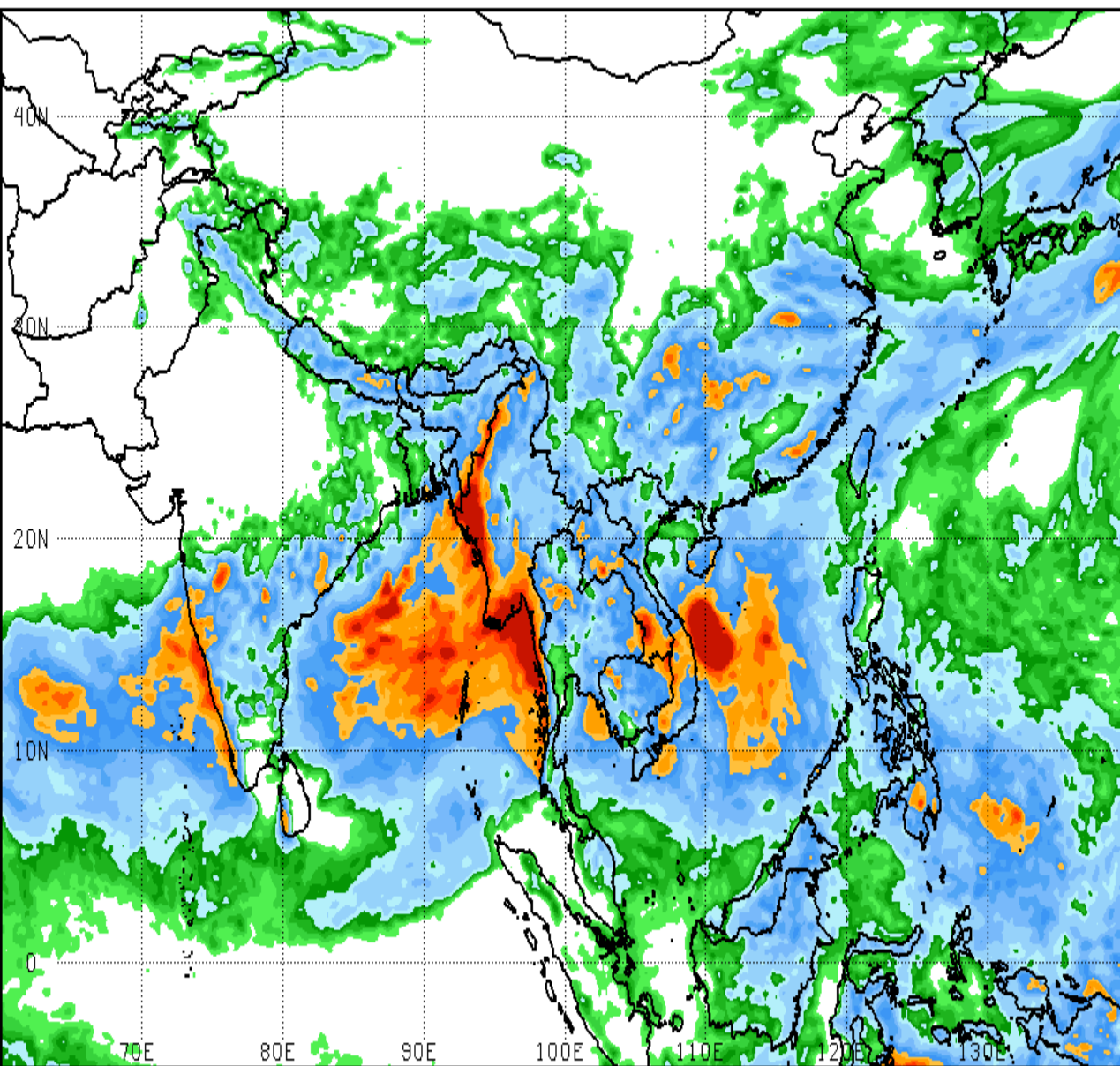
Thu 22 May 2025 00 UTC (T+168)



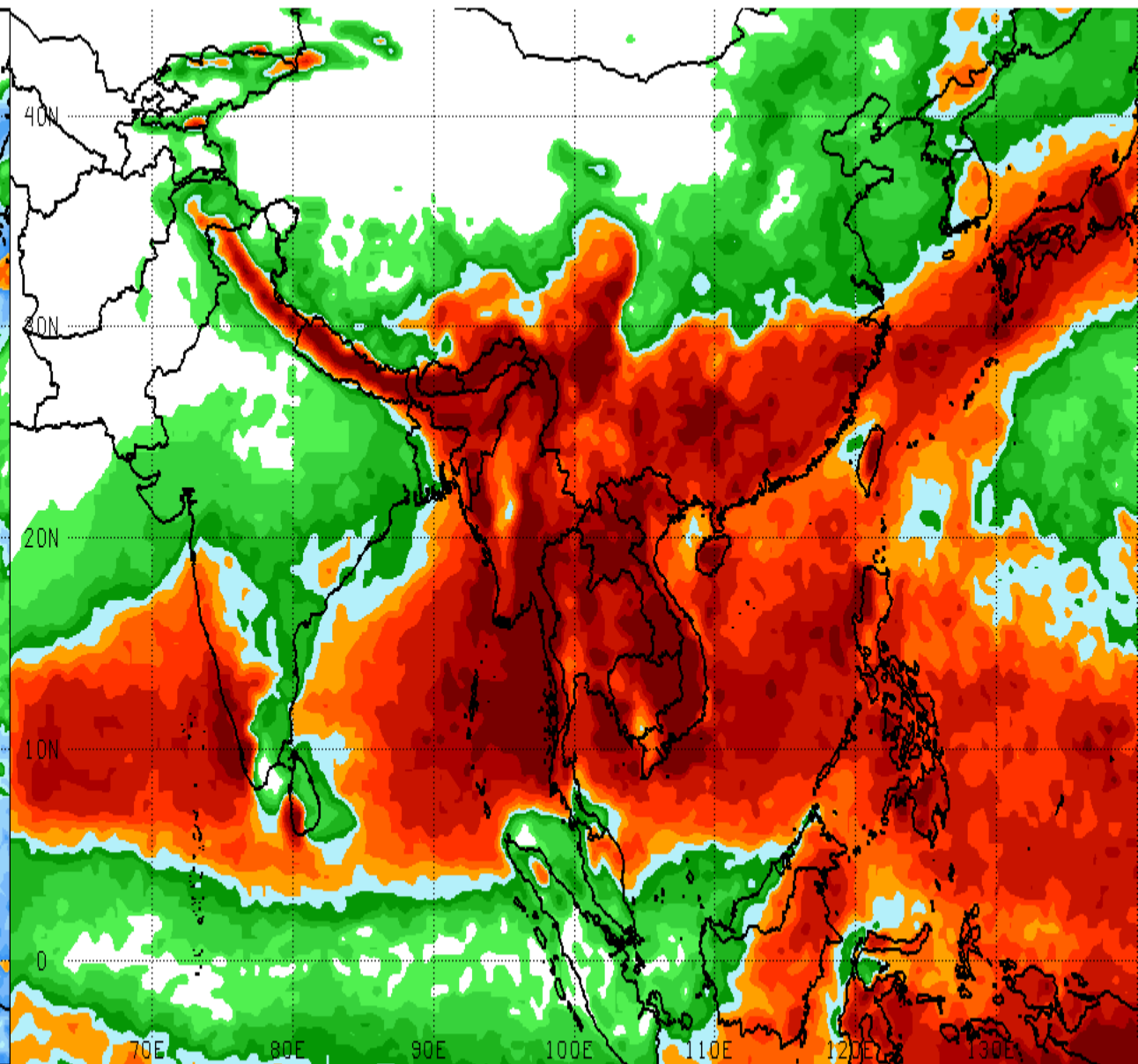
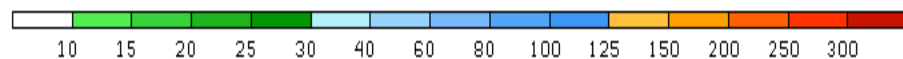
Experimental: GraphCast (Google Deepmind) ML model: Total accumulated precipitation (mm)

0.1 1 2 5 10 15 20 30 40 50 100 300 1000

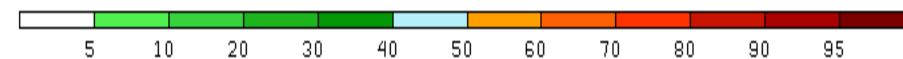




NOAA GFS 20250515 t00z cycle FCST week2 Total Precip (mm) VALID 2025052900Z

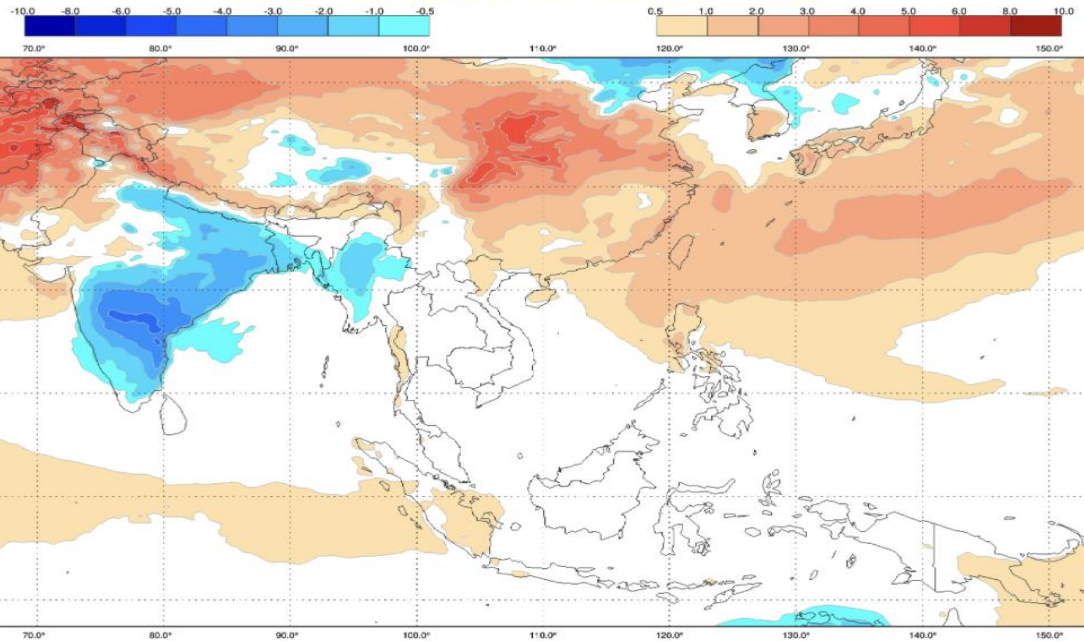


NOAA GFS 20250515 00zCYC FCST Probability of Week2 Precip > 25mm VALID 20250529/0000V336



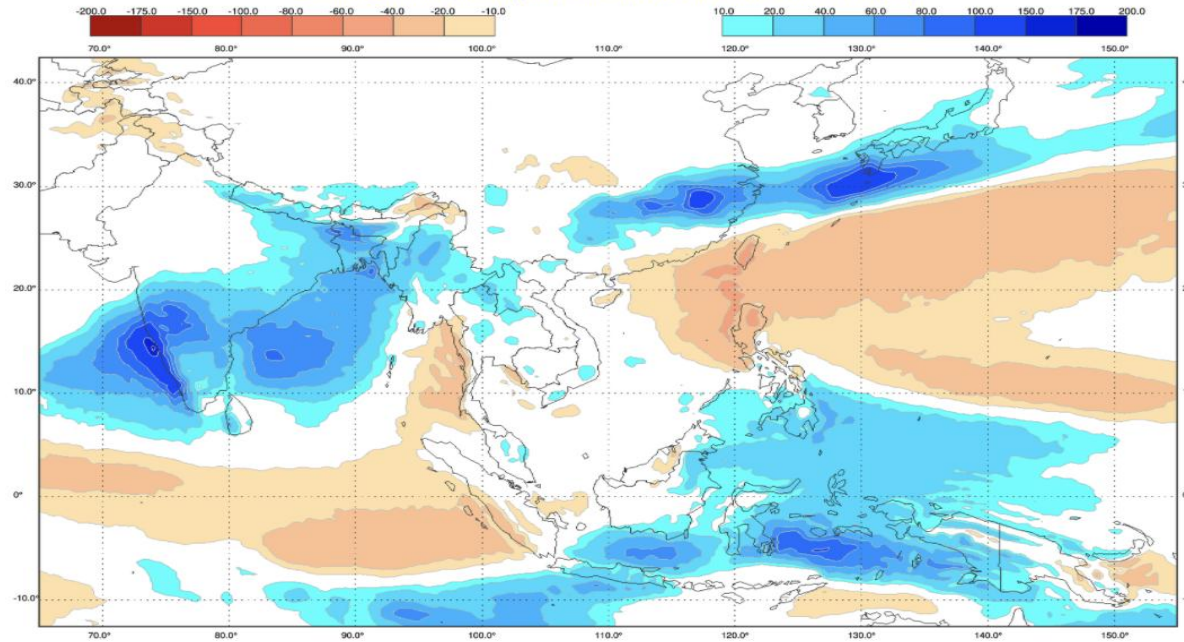
Monthly Temperature (T2m) Anomalies valid for week: from 19 to 25 May 2025

Map processed by EFFIS System based on ECMWF Monthly Forecast System initiated on 14 May 2025
Estimated deviation (anomaly) of the mean from model climate in Celsius degrees



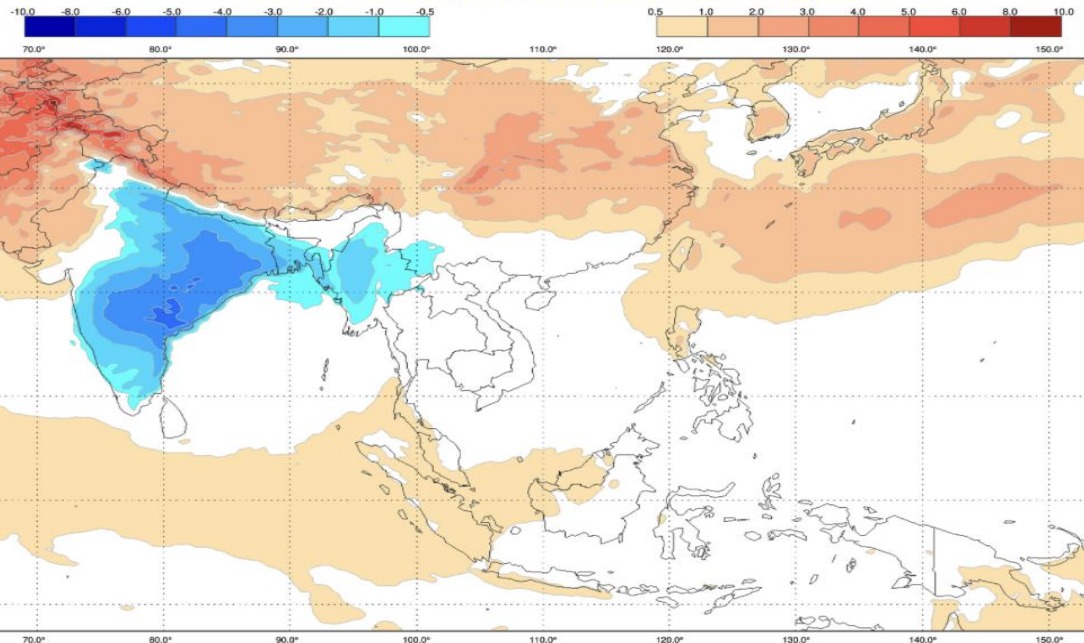
Monthly Rain Anomalies valid for week: from 19 to 25 May 2025

Map processed by EFFIS System based on ECMWF Monthly Forecast System initiated on 14 May 2025
Estimated deviation (anomaly) of the mean from model climate in millimeters (mm)



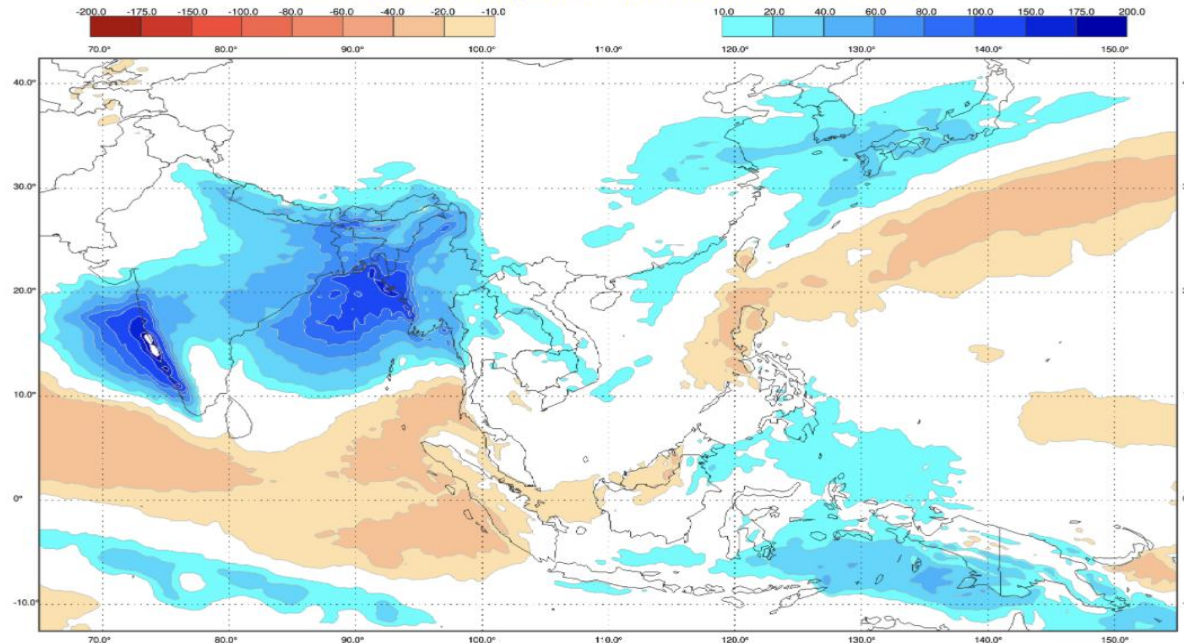
Monthly Temperature (T2m) Anomalies valid for week: from 26 May to 01 June 2025

Map processed by EFFIS System based on ECMWF Monthly Forecast System initiated on 14 May 2025
Estimated deviation (anomaly) of the mean from model climate in Celsius degrees



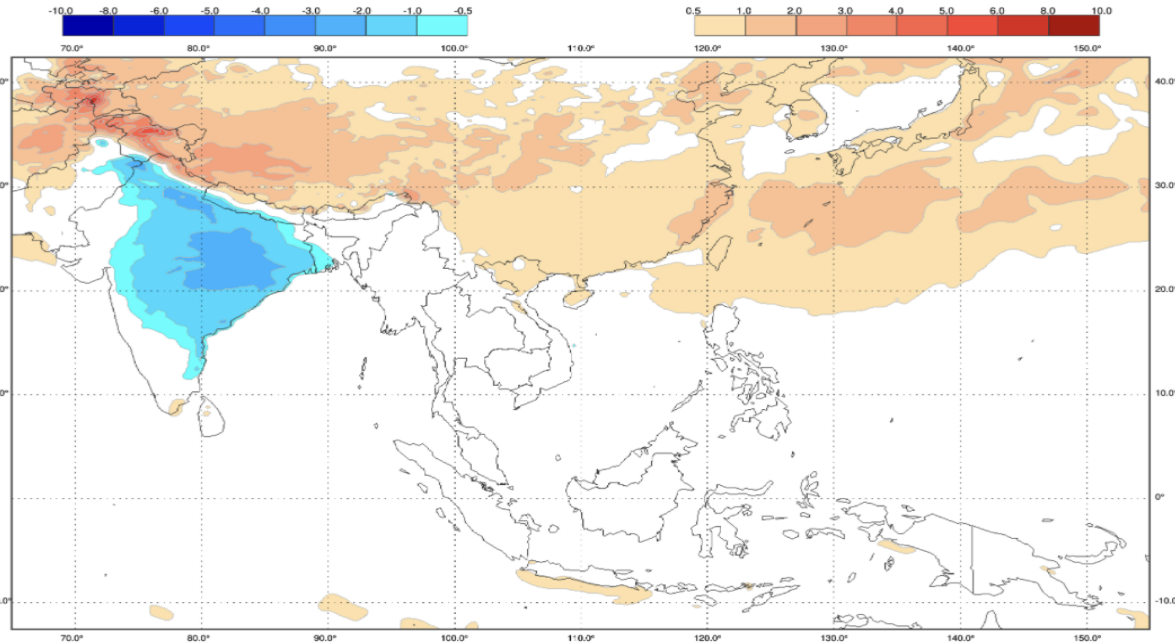
Monthly Rain Anomalies valid for week: from 26 May to 01 June 2025

Map processed by EFFIS System based on ECMWF Monthly Forecast System initiated on 14 May 2025
Estimated deviation (anomaly) of the mean from model climate in millimeters (mm)



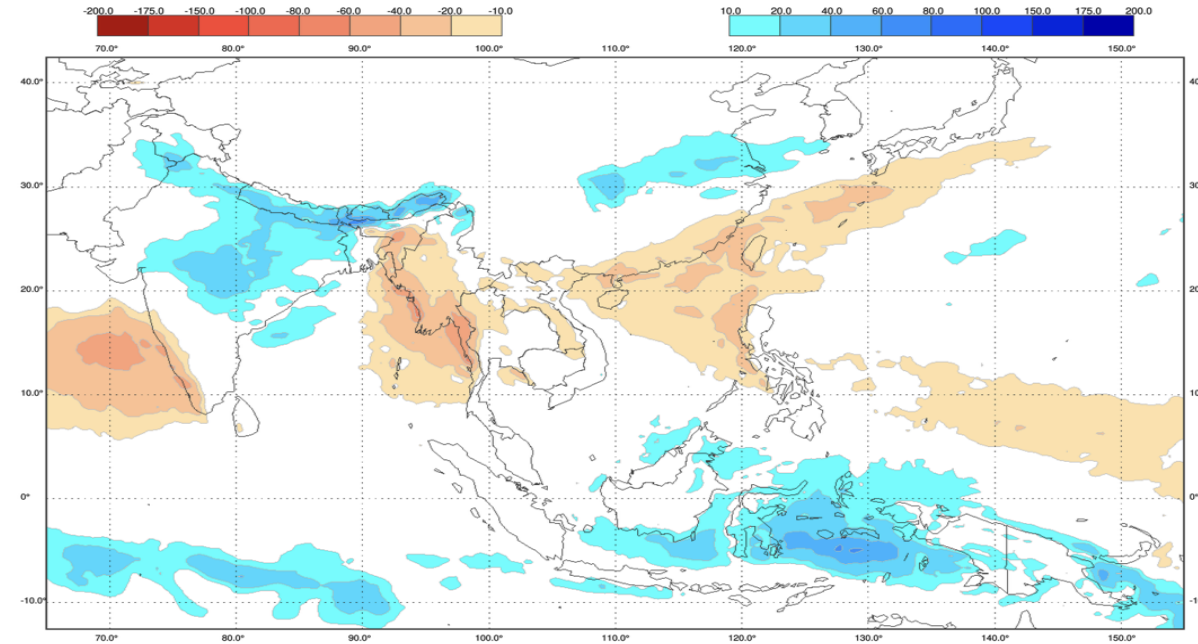
Monthly Temperature (T2m) Anomalies valid for week: from 09 to 15 June 2025

Map processed by EFFIS System based on ECMWF Monthly Forecast System initiated on 14 May 2025
Estimated deviation (anomaly) of the mean from model climate in Celsius degrees



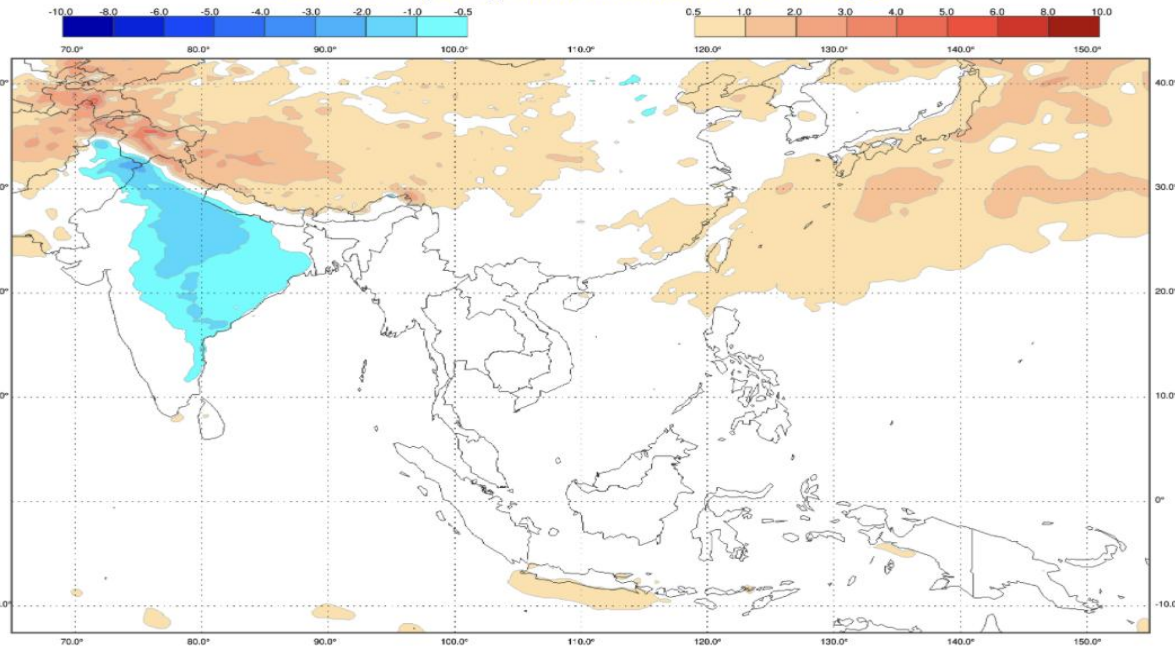
Monthly Rain Anomalies valid for week: from 09 to 15 June 2025

Map processed by EFFIS System based on ECMWF Monthly Forecast System initiated on 14 May 2025
Estimated deviation (anomaly) of the mean from model climate in millimeters (mm)



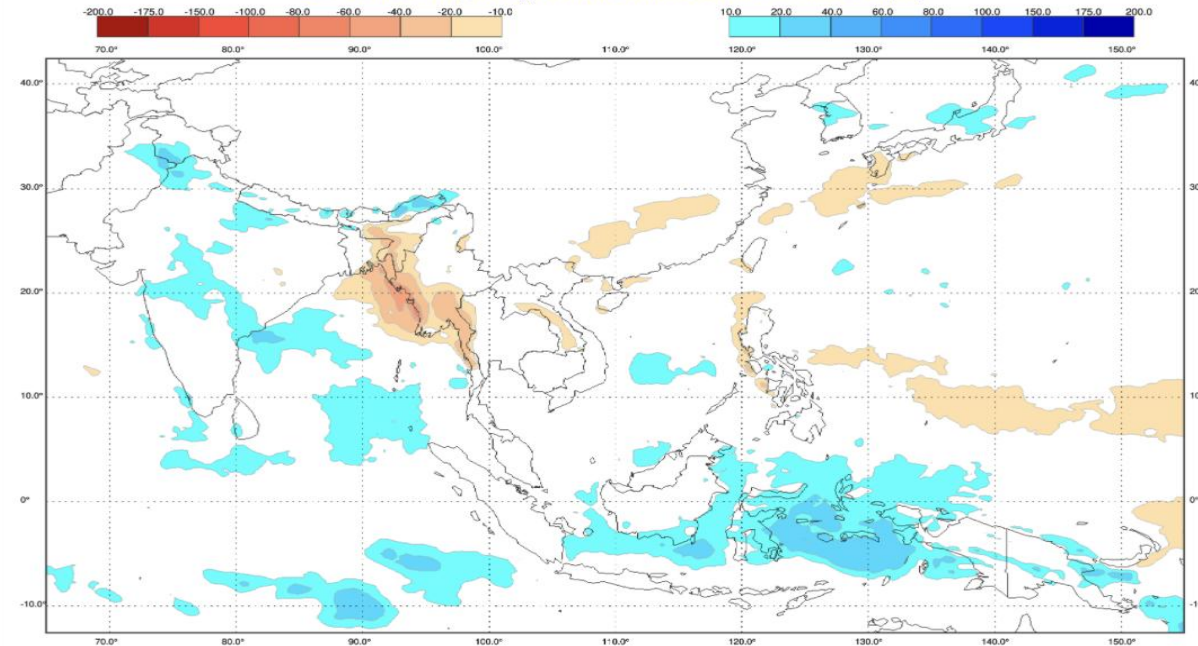
Monthly Temperature (T2m) Anomalies valid for week: from 16 to 22 June 2025

Map processed by EFFIS System based on ECMWF Monthly Forecast System initiated on 14 May 2025
Estimated deviation (anomaly) of the mean from model climate in Celsius degrees



Monthly Rain Anomalies valid for week: from 16 to 22 June 2025

Map processed by EFFIS System based on ECMWF Monthly Forecast System initiated on 14 May 2025
Estimated deviation (anomaly) of the mean from model climate in millimeters (mm)



MME forecast Tmax anomaly (Deg C)

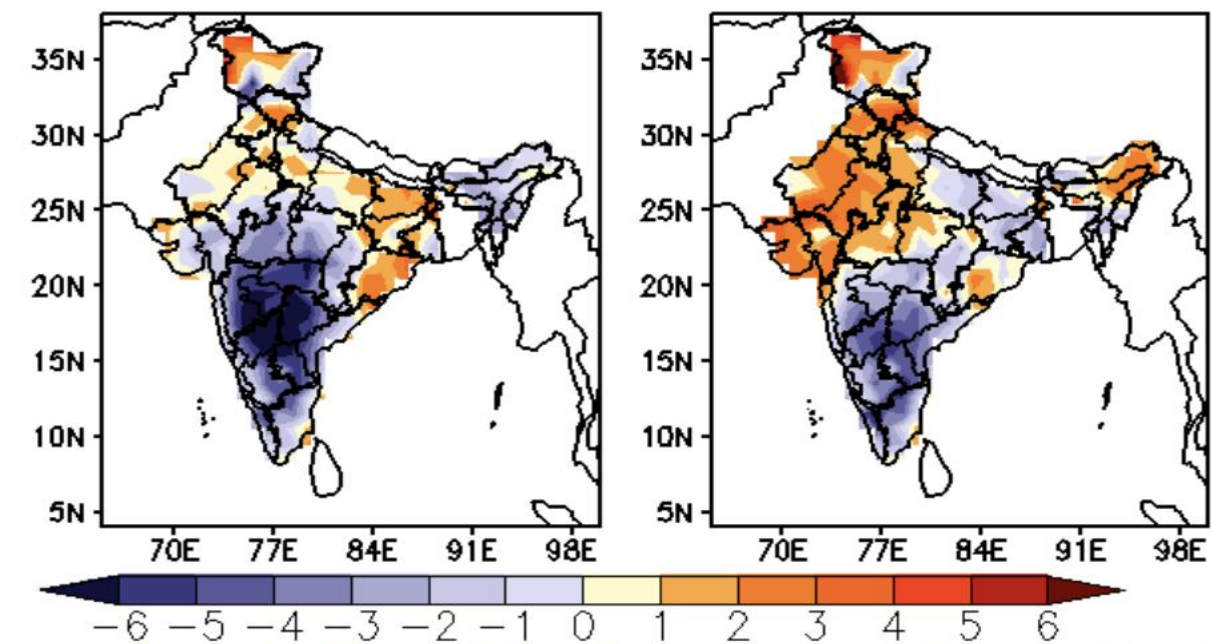
(Week1: 16May–22May)

(Week2: 23May–29May)

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

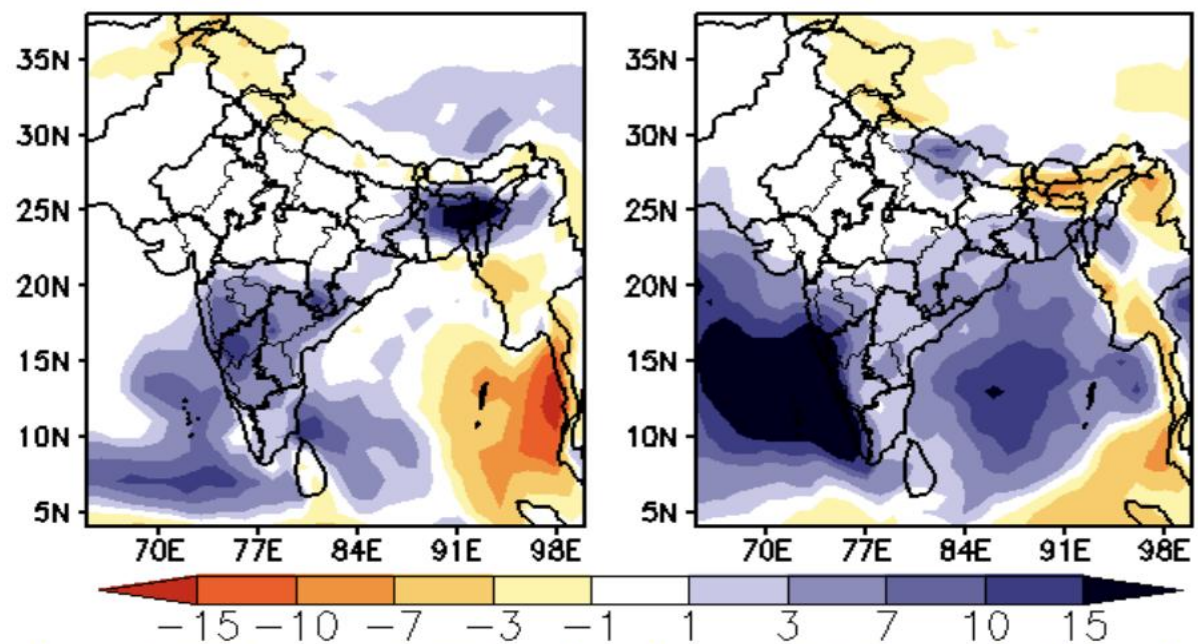
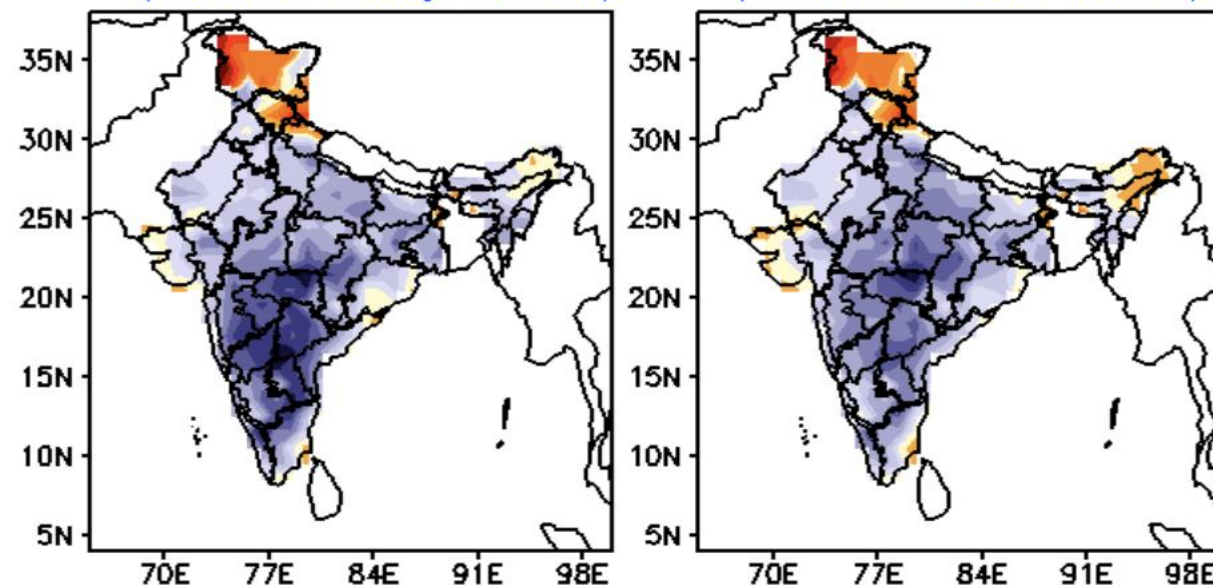
(Week1:00Z15May–00Z22May)

(Week2:00Z22May–00Z29May)



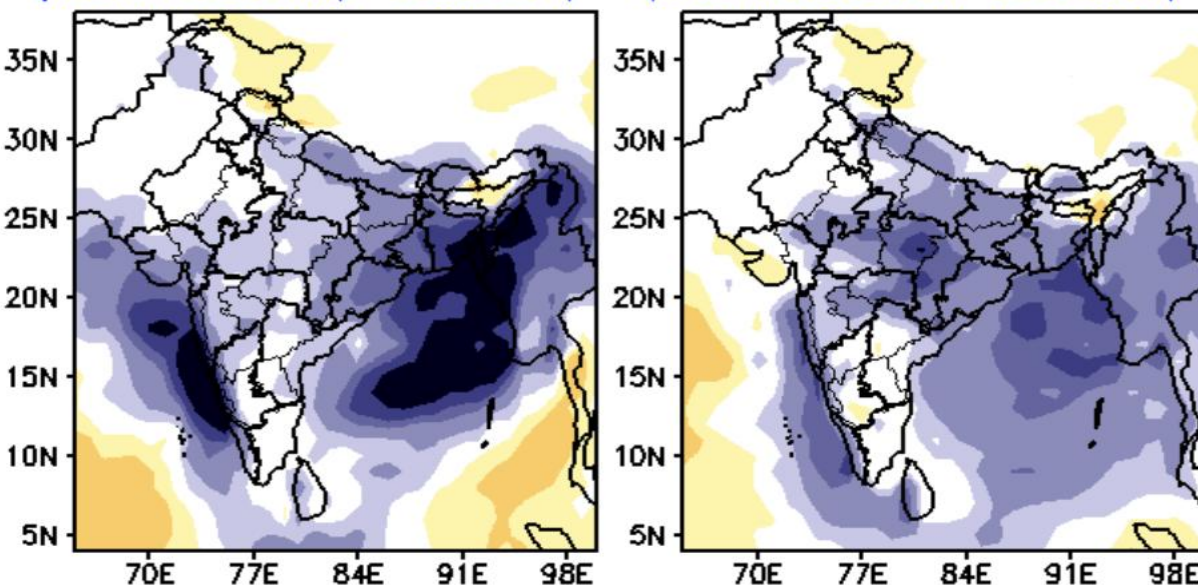
(Week3: 30May–05Jun)

(Week4: 06Jun–12Jun)

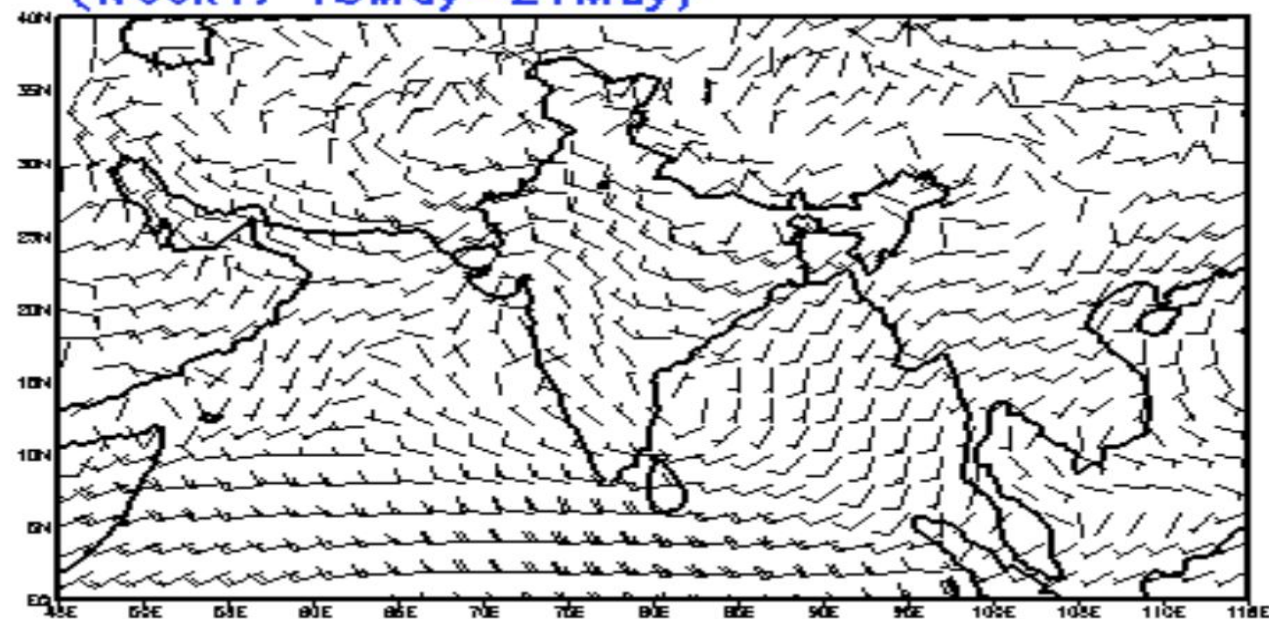


(Week3:00Z29May–00Z05Jun)

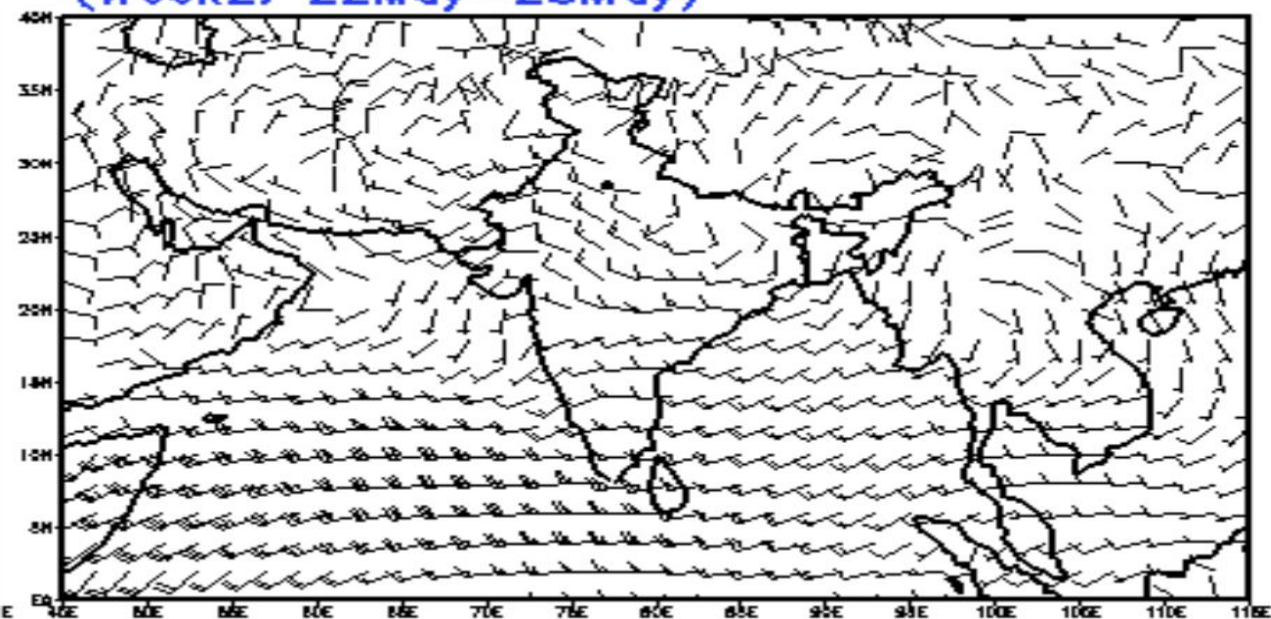
(Week4:00Z05Jun–00Z12Jun)



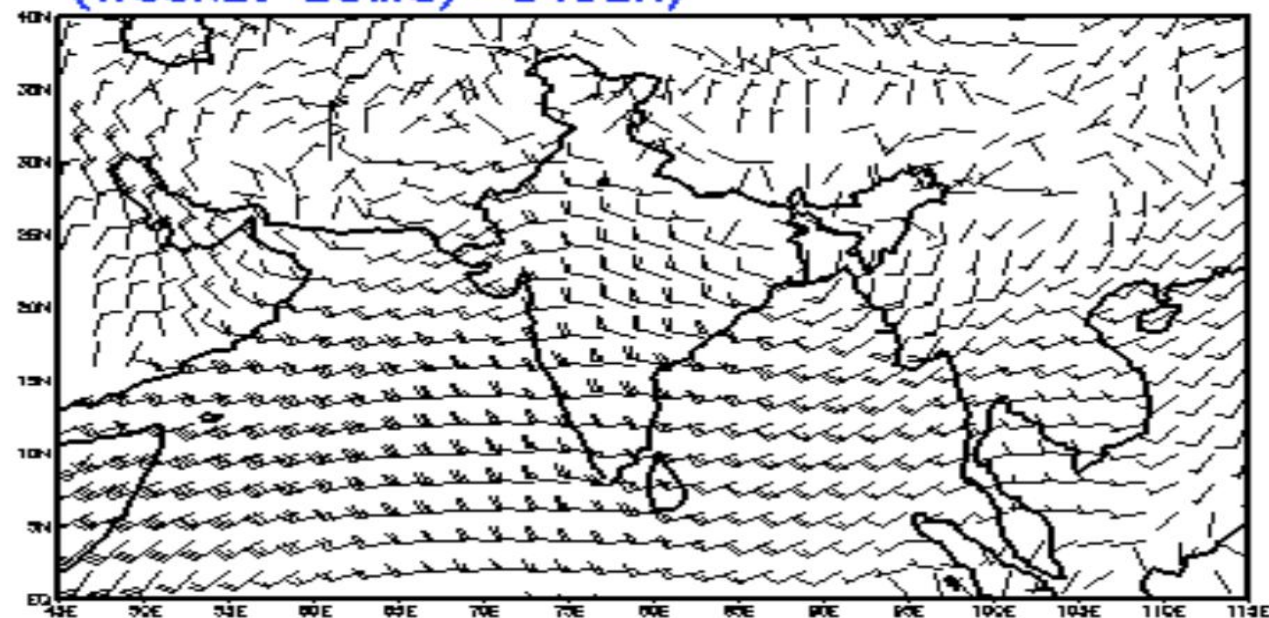
MME Weekly mean 850 hPa wind
(Week1: 15May-21May)



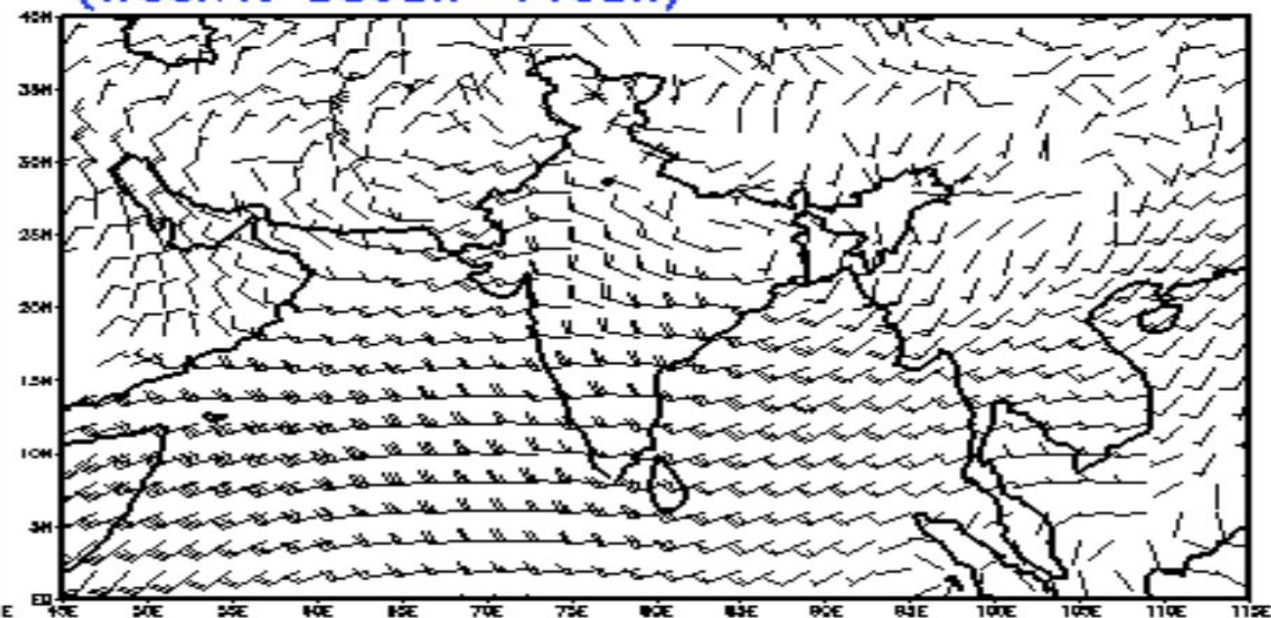
(Week2: 22May-28May)



(Week3: 29May-04Jun)



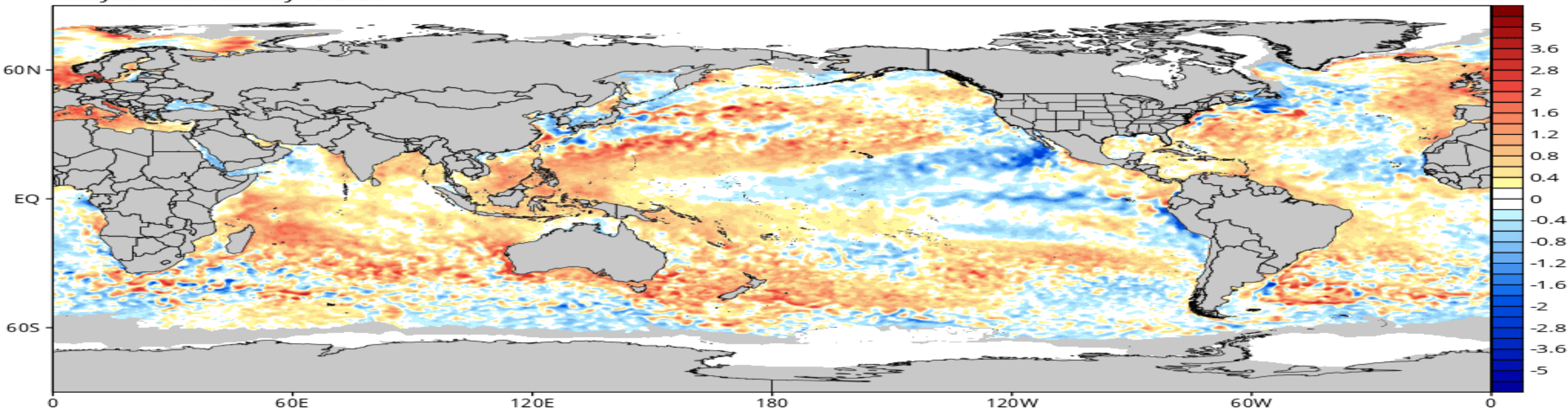
(Week4: 05Jun-11Jun)



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

Analysis Time: 00z May 15 2025

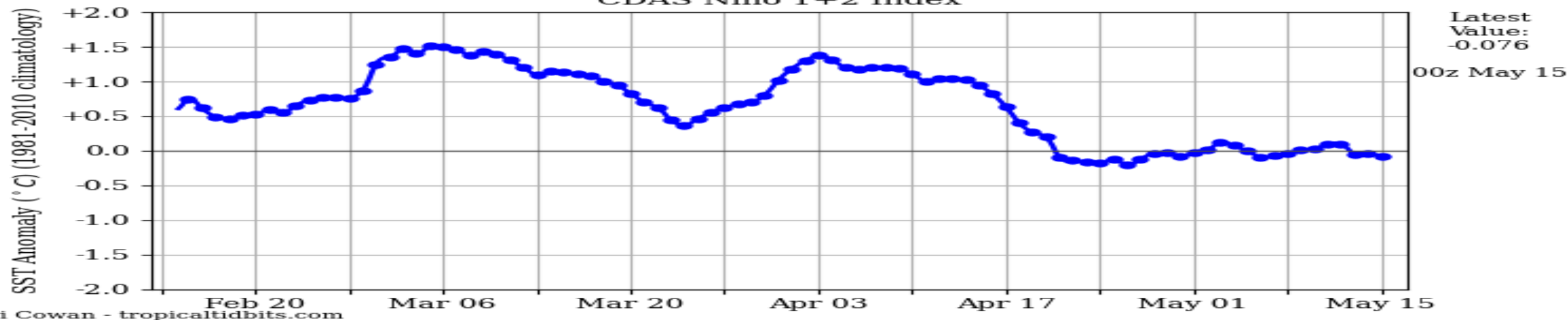
TROPICALTIDBITS.COM



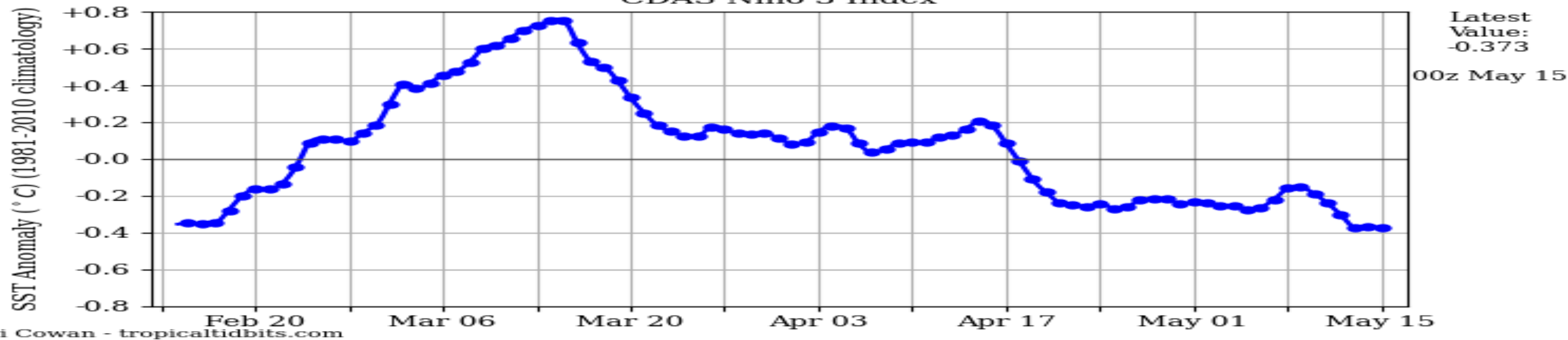
CDAS Niño 3.4 Index



CDAS Niño 1+2 Index

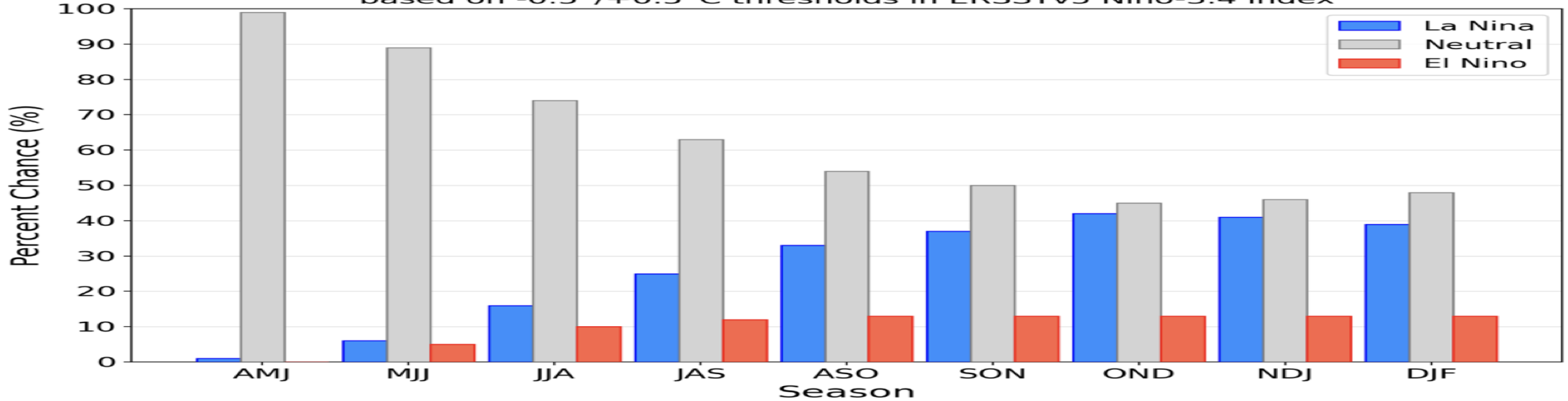


CDAS Niño 3 Index

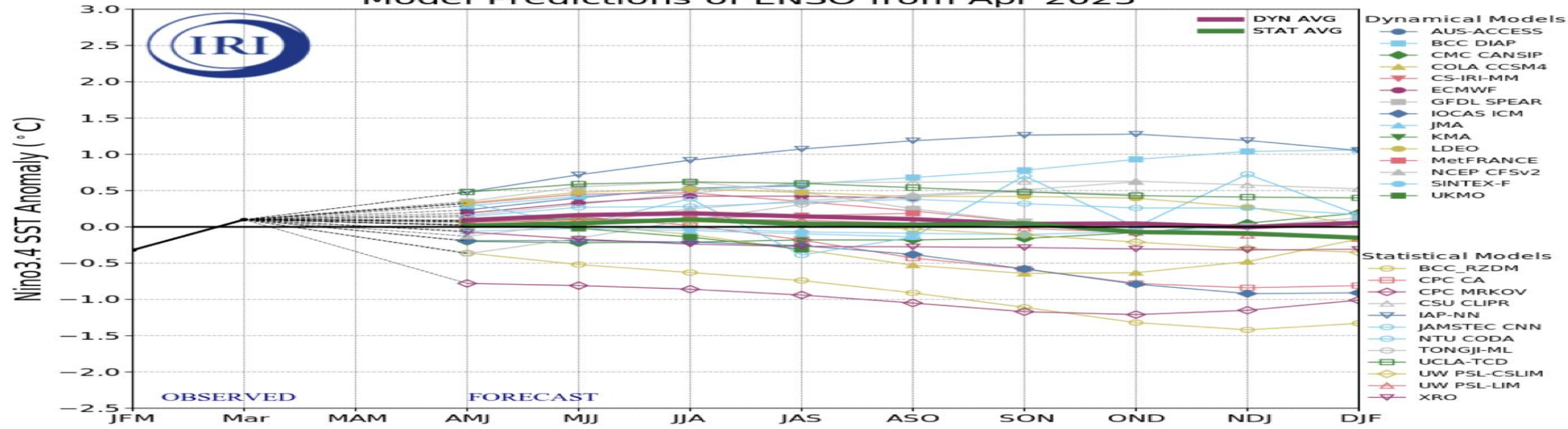


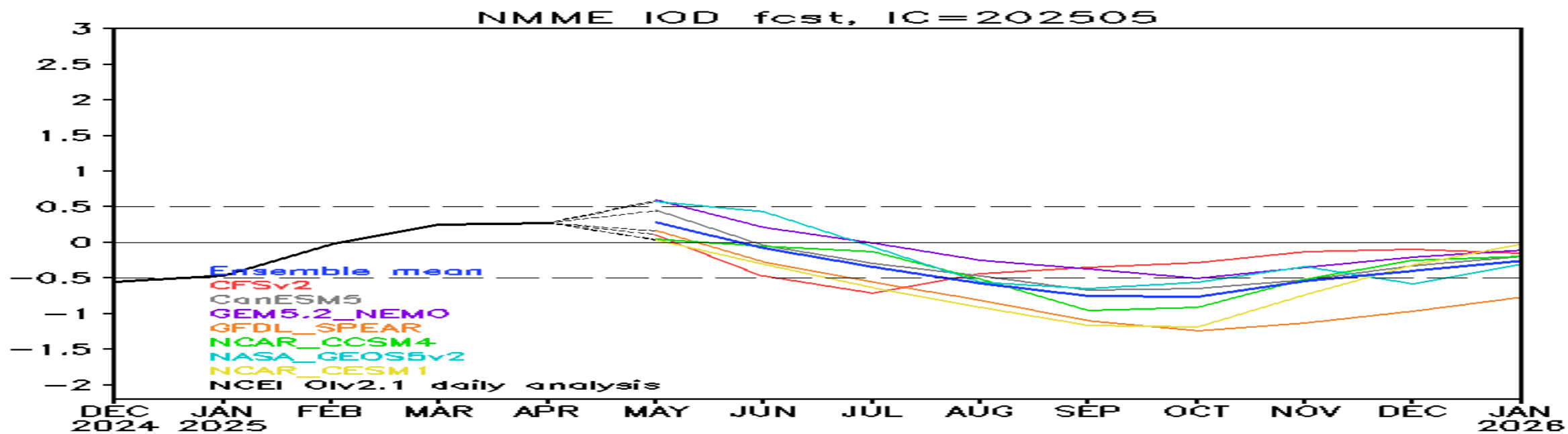
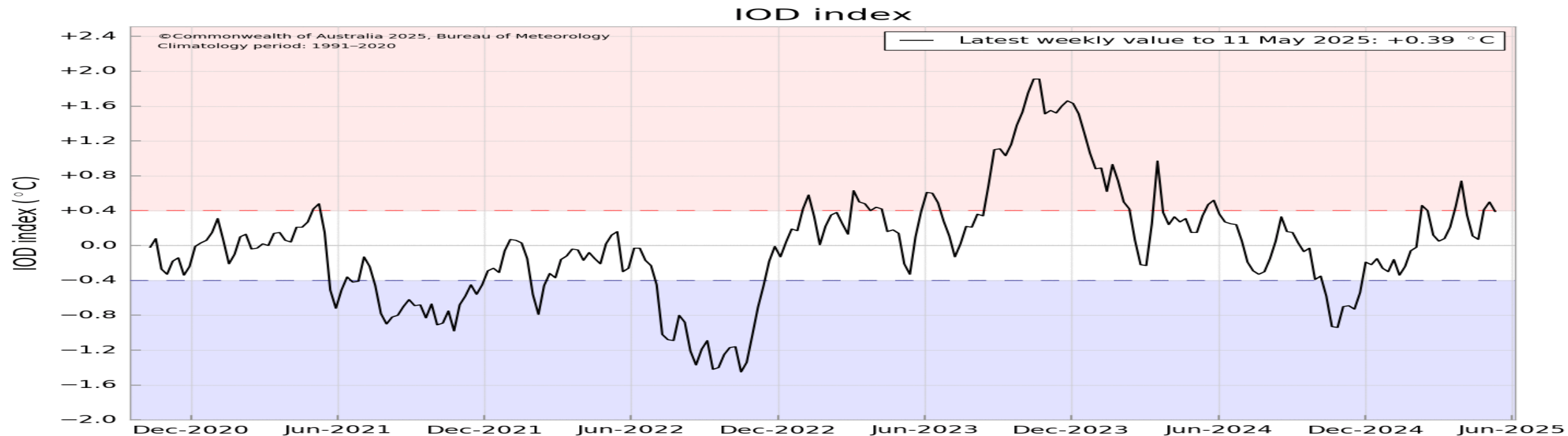
Official NOAA CPC ENSO Probabilities (issued May 2025)

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

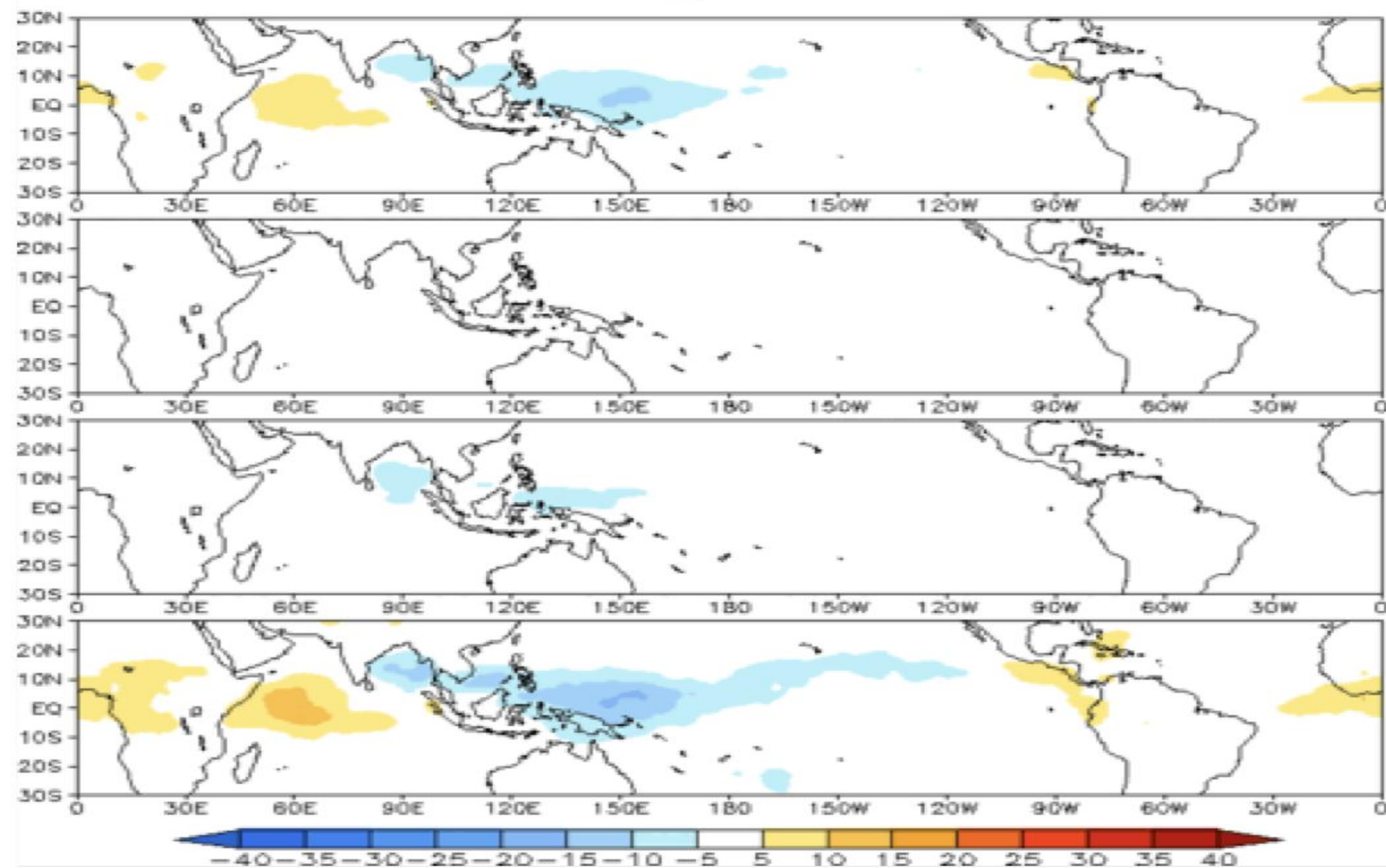


Model Predictions of ENSO from Apr 2025





Prediction of MJO-related anomalies using GEFS operational forecast
Initial date: 11 May 2025
OLR



Initial Date
(11 May 2025)

Days 1–5 Ave
Forecast

Days 6–10 Ave
Forecast

Days 11–15 Ave
Forecast

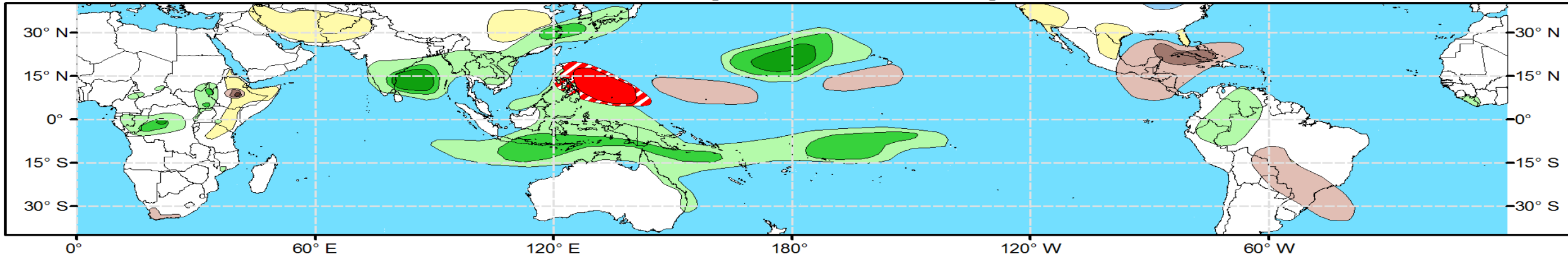


Global Tropics Hazards Outlook

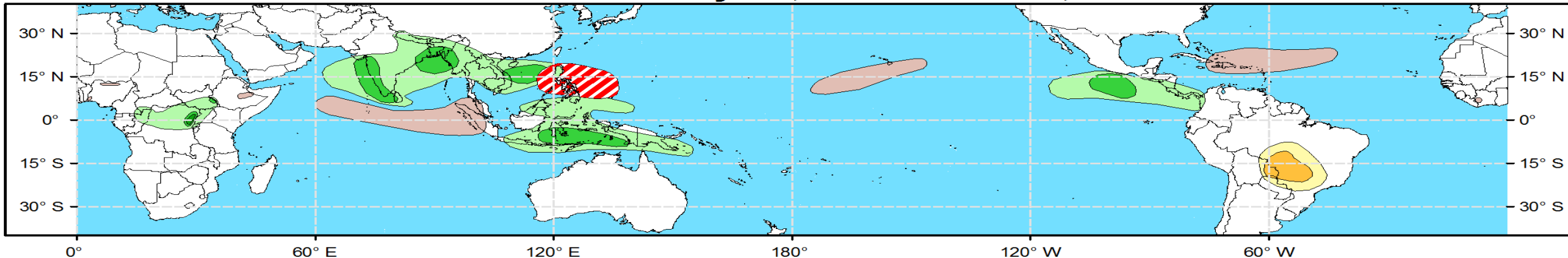
Climate Prediction Center



Week 2 - Valid: May 21, 2025 - May 27, 2025



Week 3 - Valid: May 28, 2025 - Jun 03, 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: 05/13/2025

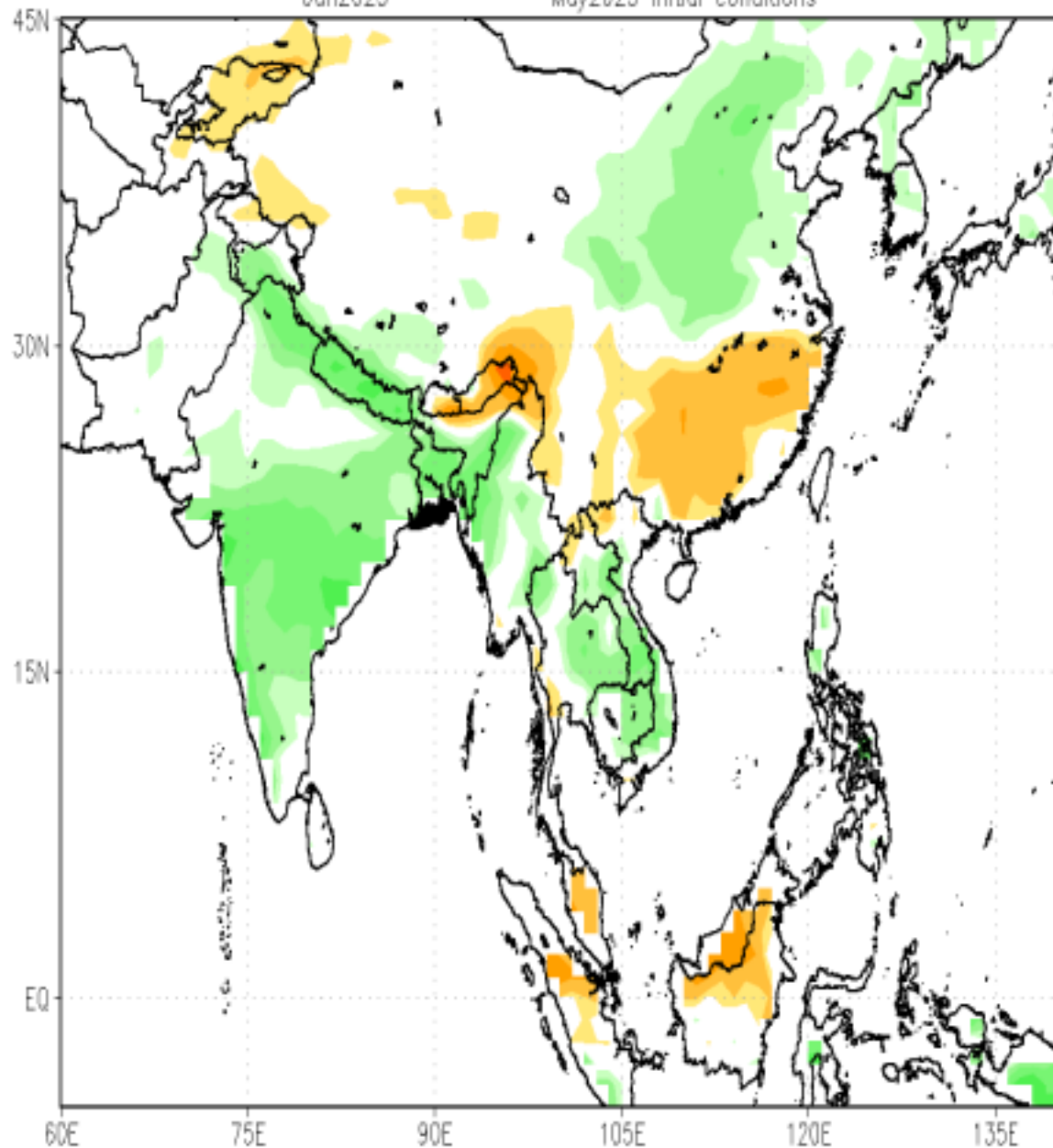
Forecaster: Allgood

**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.**

NMME Precipitation Anomalies (mm/day)

Jun2025

May2025 initial conditions



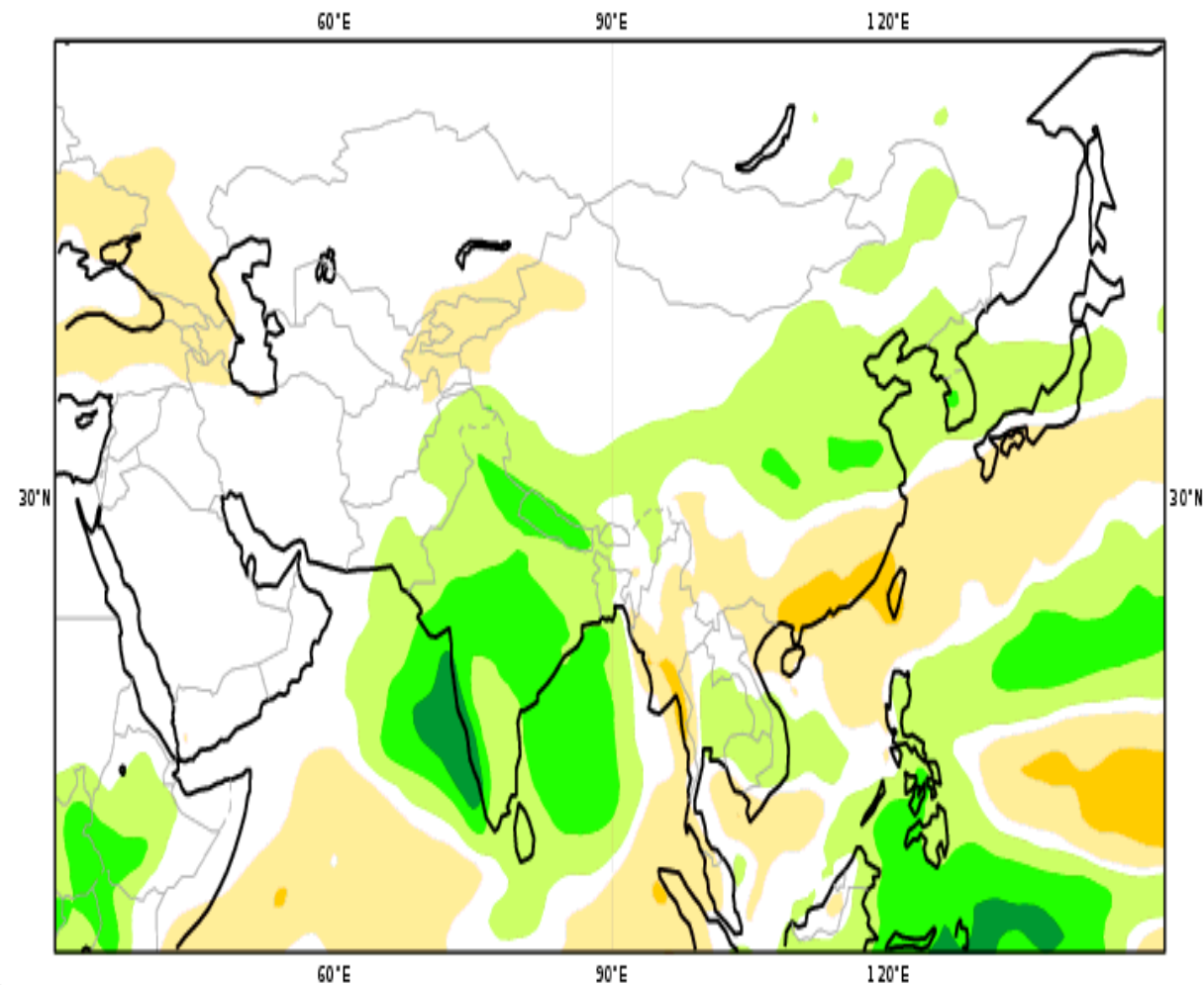
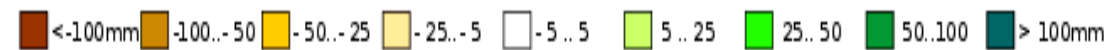
C3S multi-system seasonal forecast ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC/BOM

Mean precipitation anomaly

Nominal forecast start: 01/05/25

Variance-standardized mean

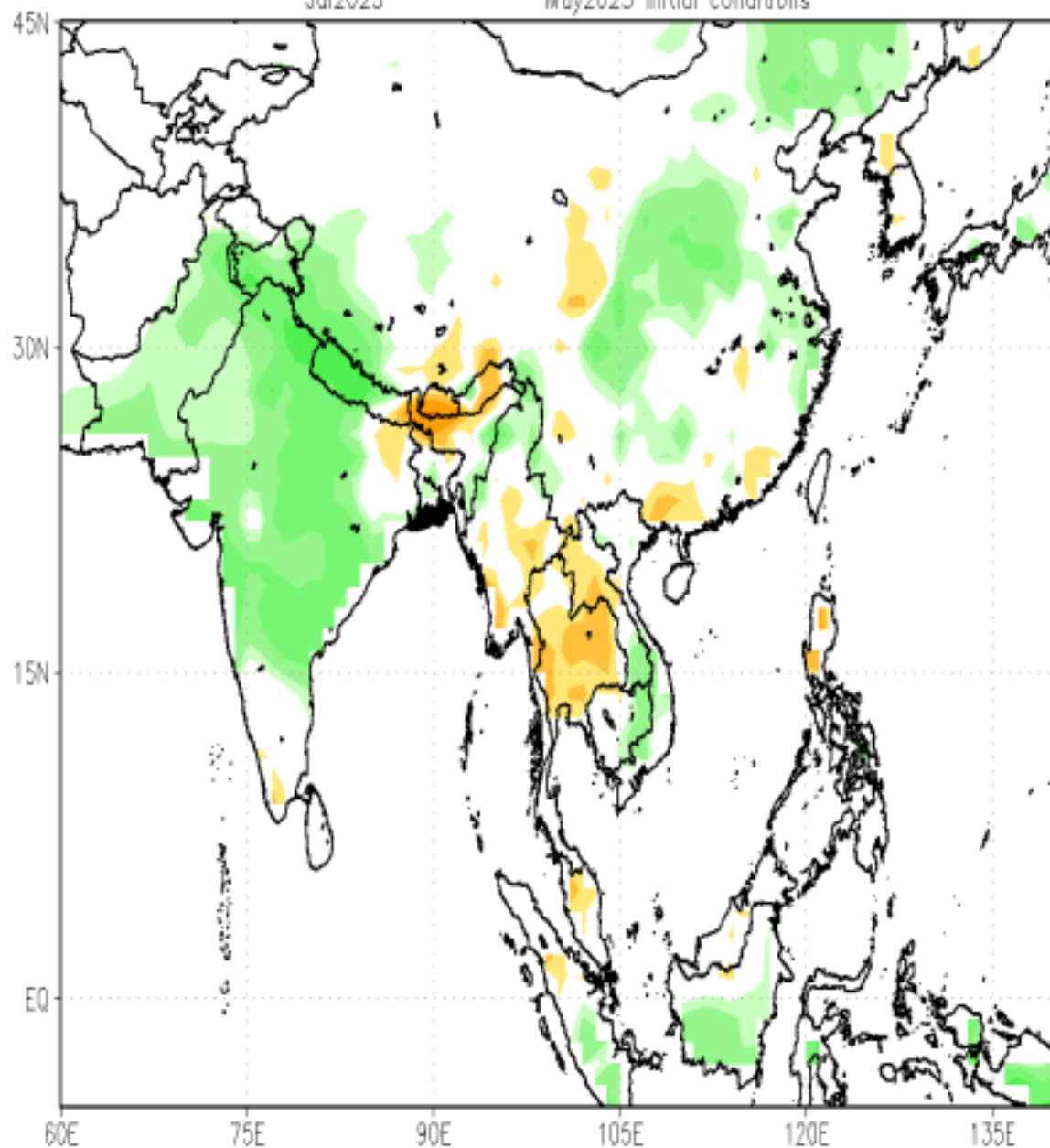
JUN 2025



NMME Precipitation Anomalies (mm/day)

Jul2025

May2025 initial conditions



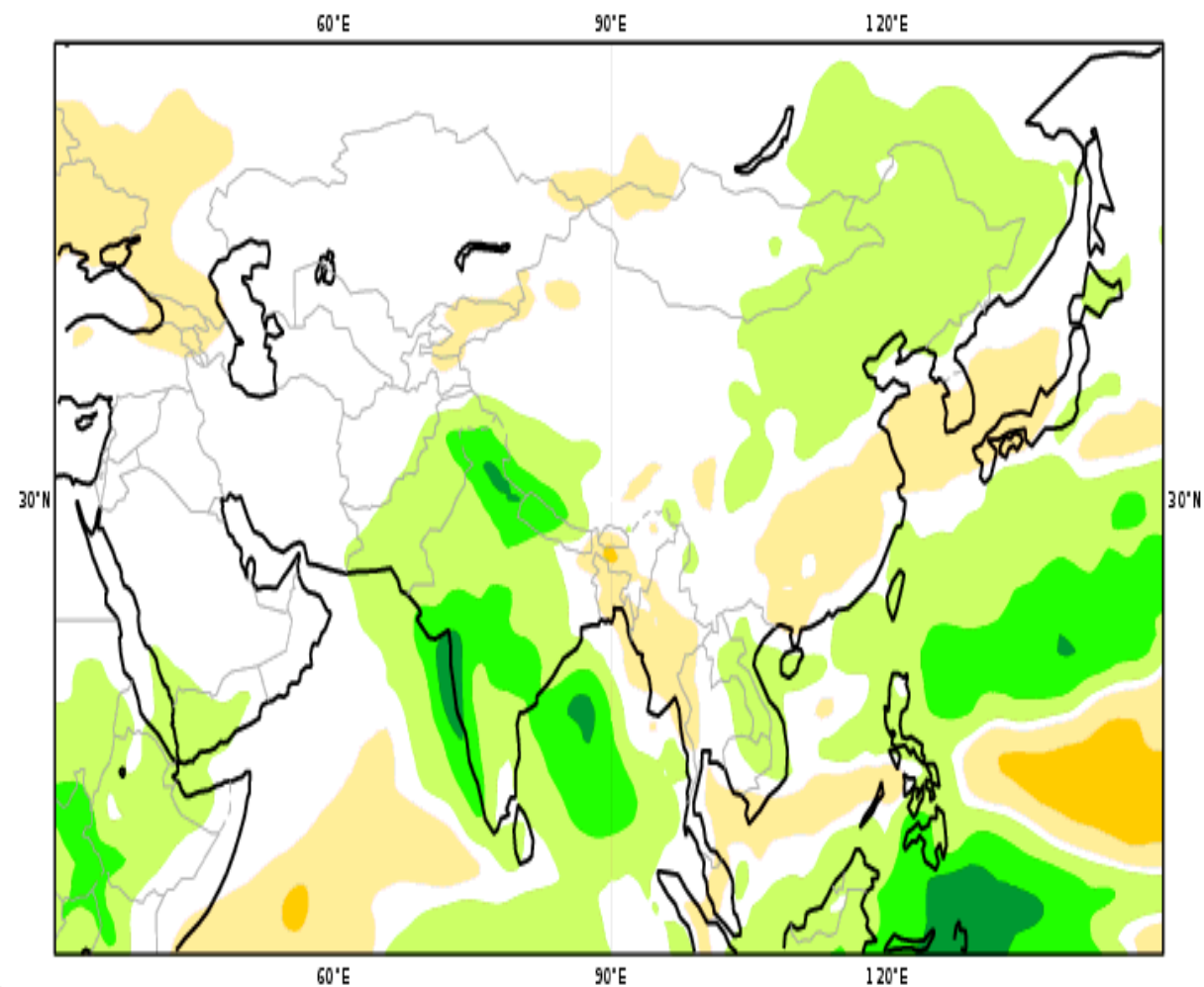
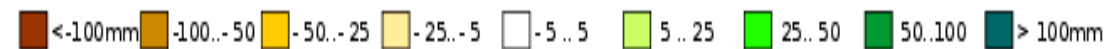
C3S multi-system seasonal forecast ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC/BOM

Mean precipitation anomaly

Nominal forecast start: 01/05/25

Variance-standardized mean

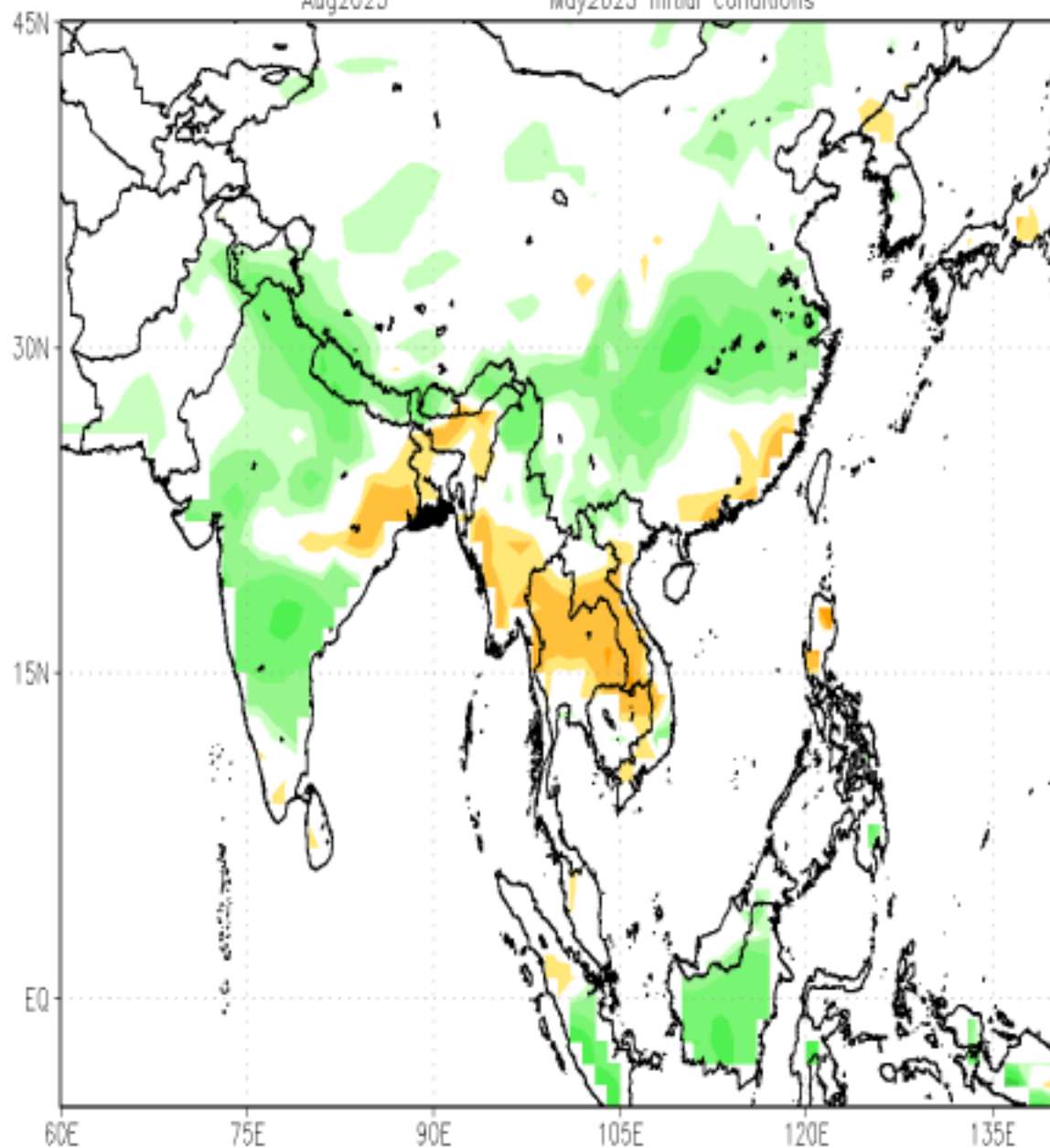
JUL 2025



NMME Precipitation Anomalies (mm/day)

Aug2025

May2025 initial conditions



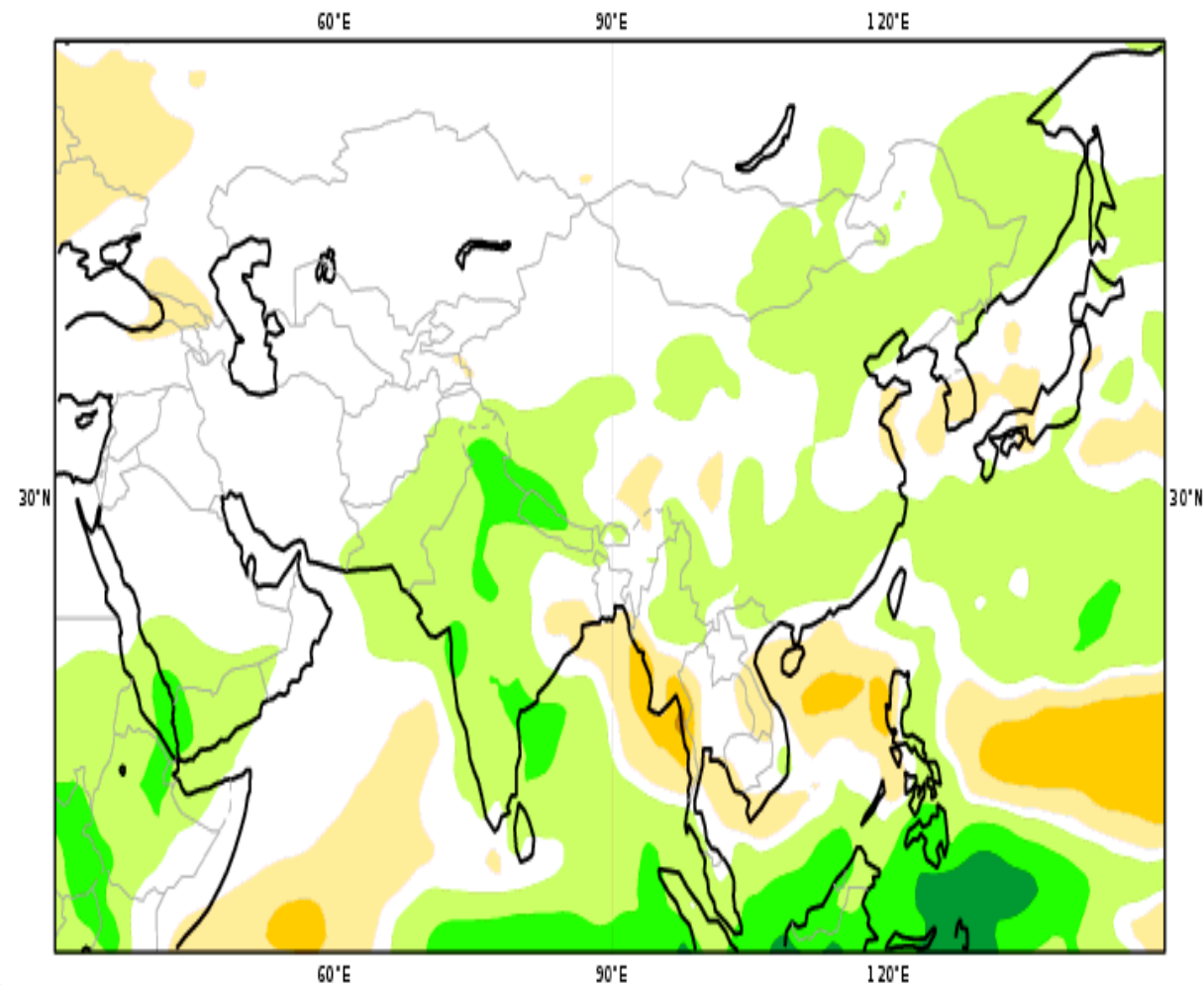
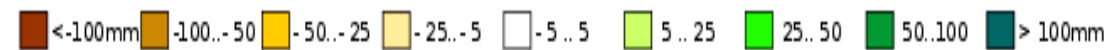
C3S multi-system seasonal forecast ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC/BOM

Mean precipitation anomaly

Nominal forecast start: 01/05/25

Variance-standardized mean

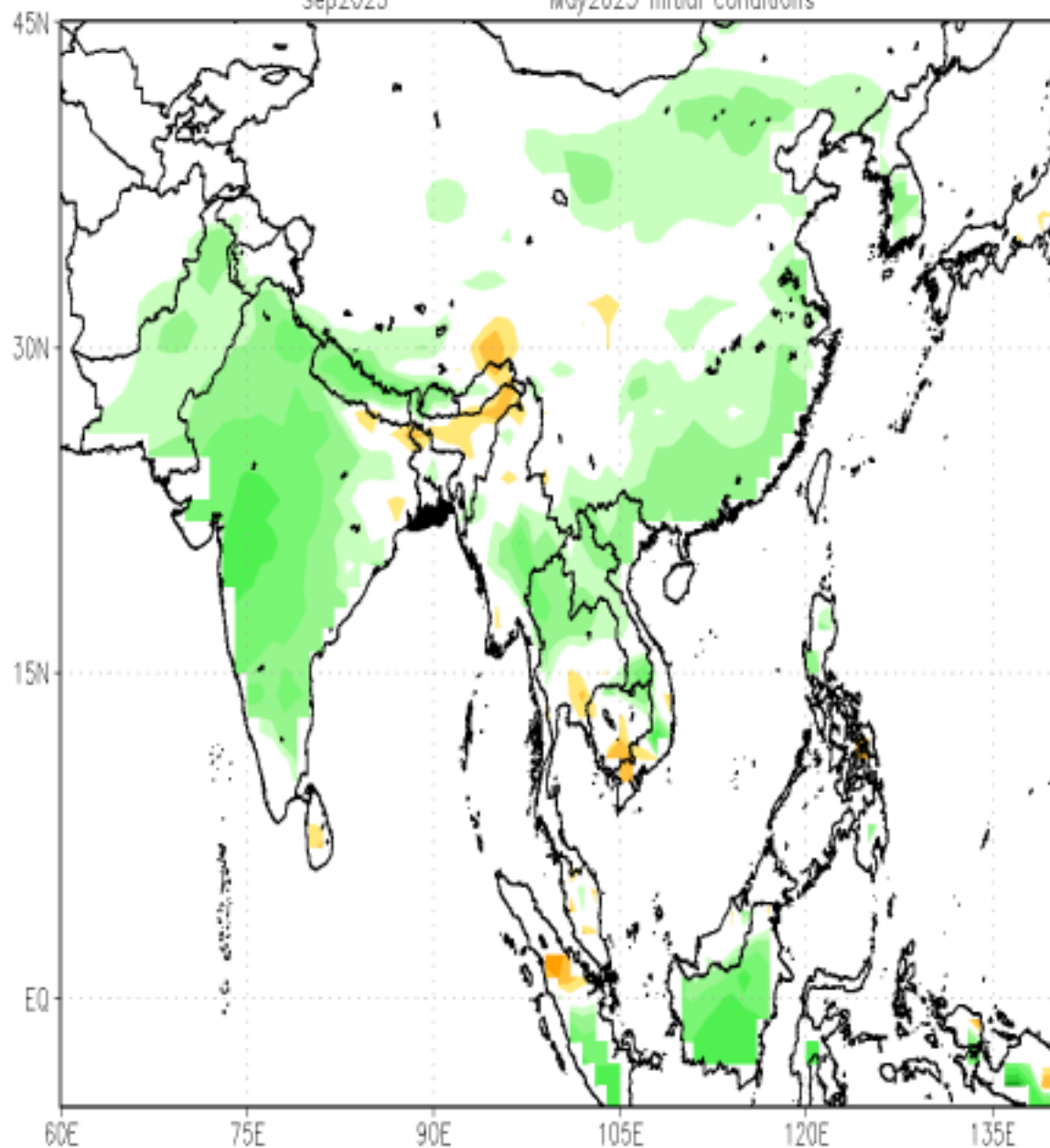
AUG 2025



NMME Precipitation Anomalies (mm/day)

Sep2025

May2025 initial conditions



C3S multi-system seasonal forecast ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC/BOM

Mean precipitation anomaly

Nominal forecast start: 01/05/25

Variance-standardized mean

SEP 2025

