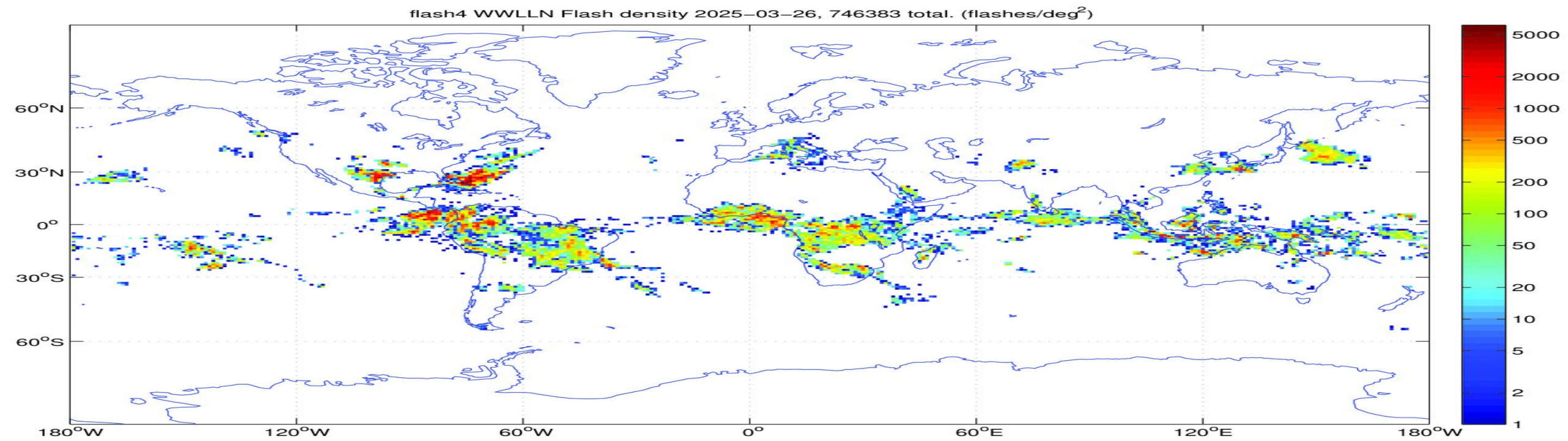
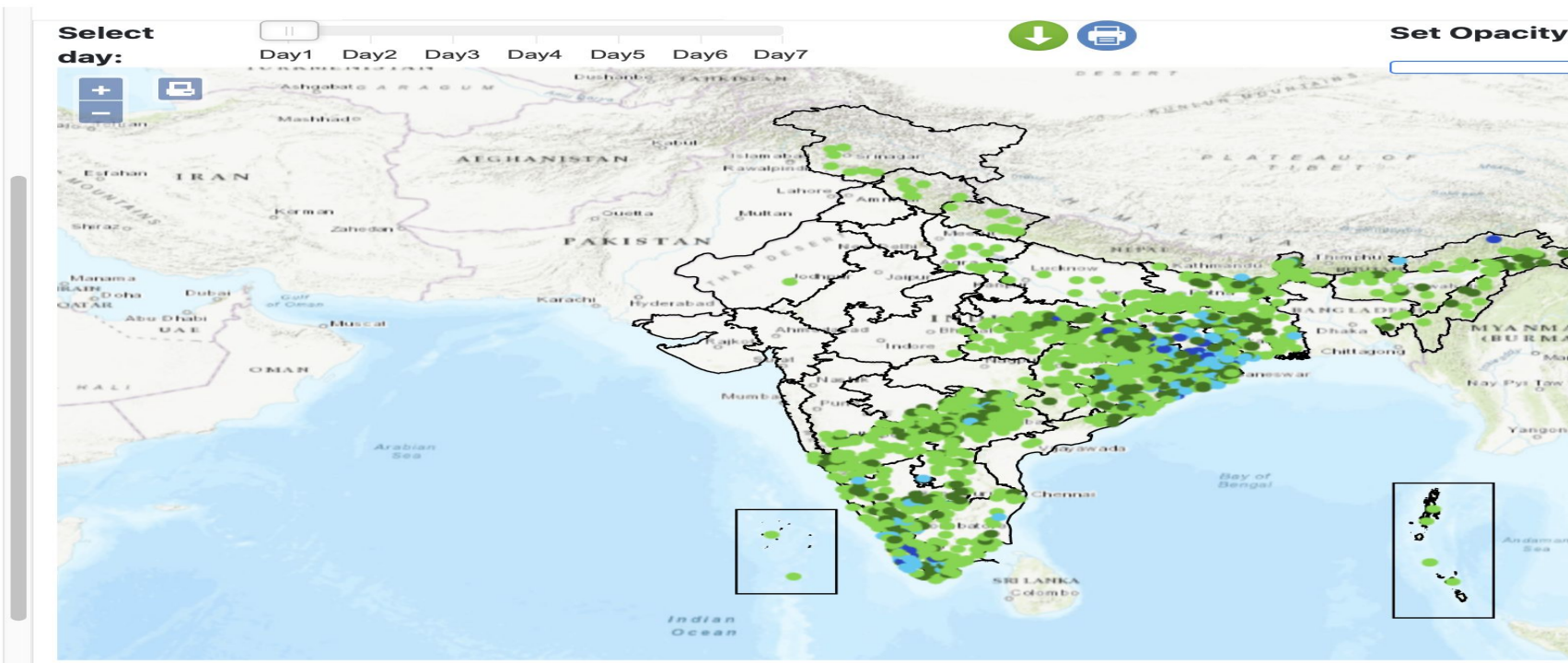
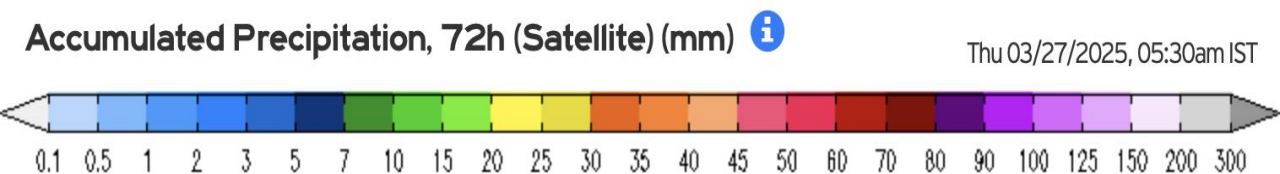
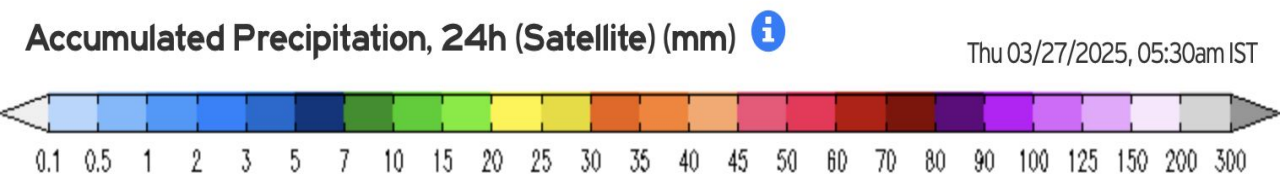
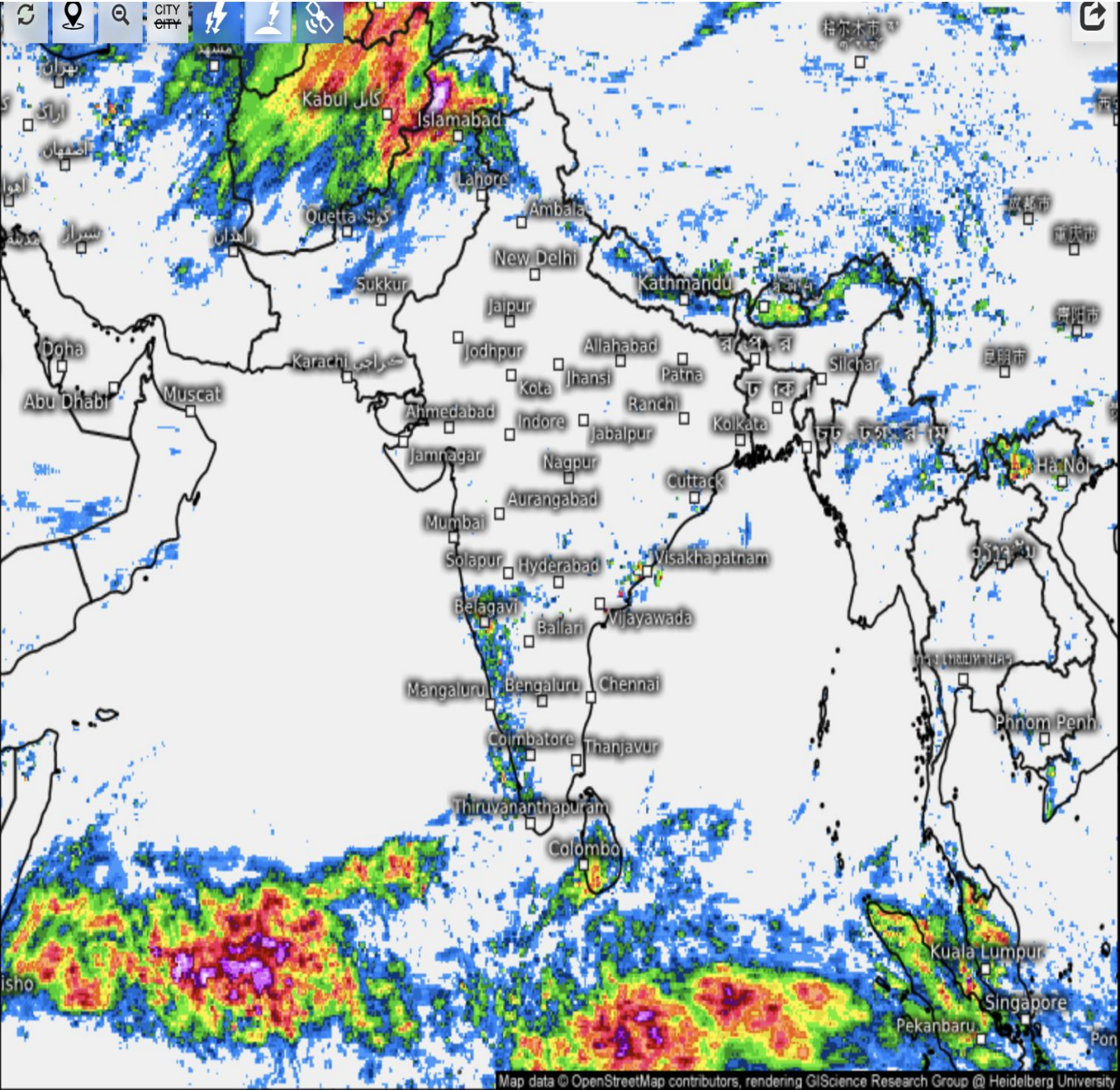
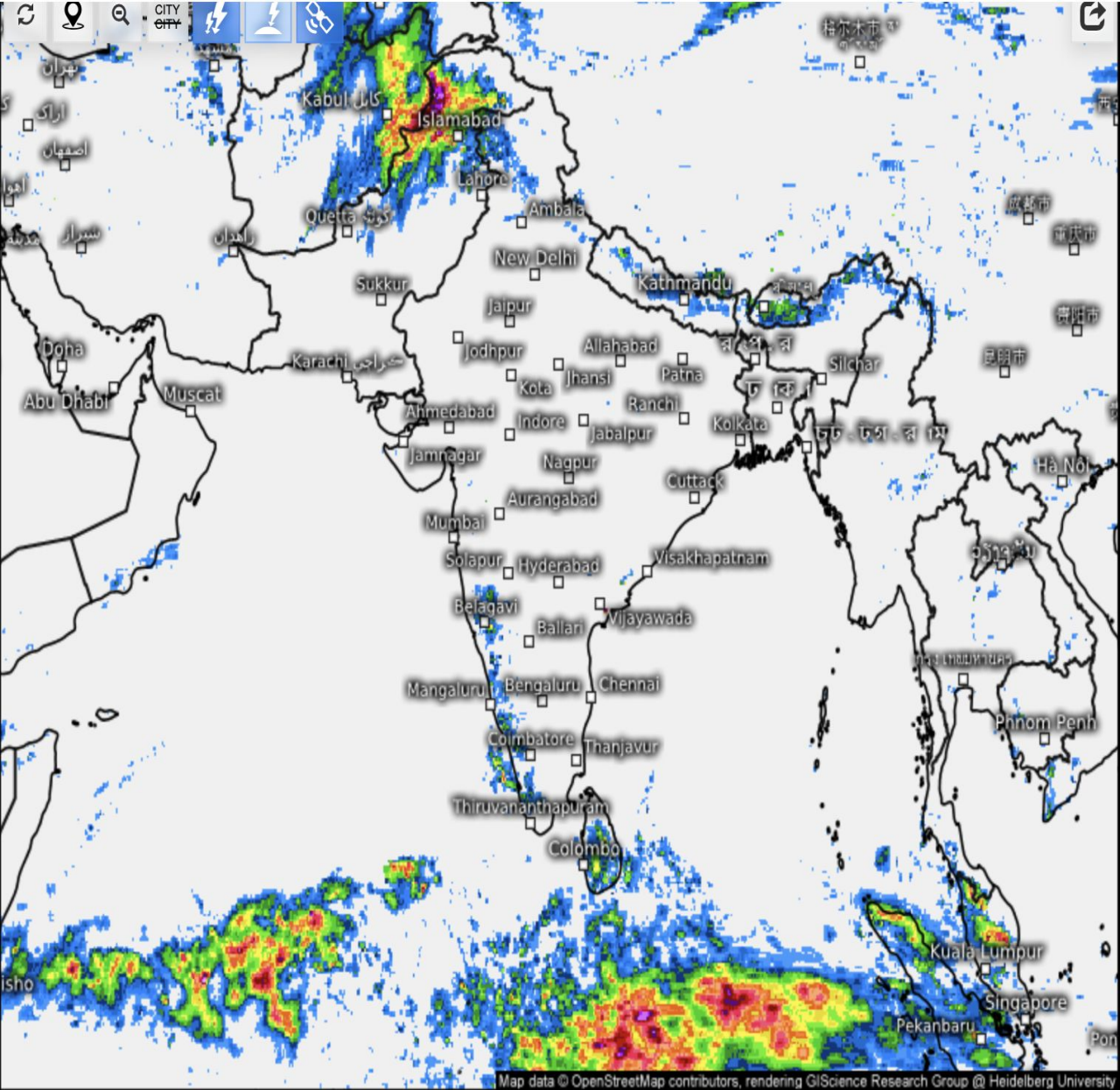


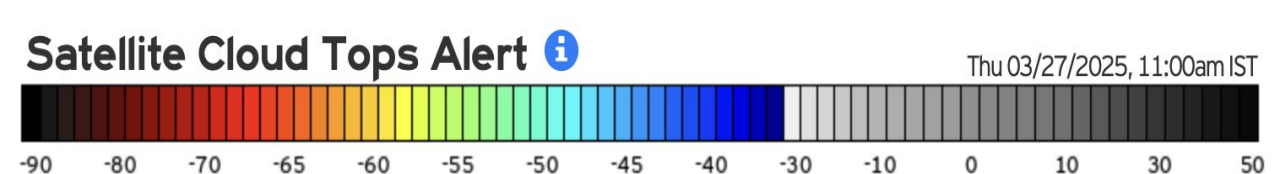
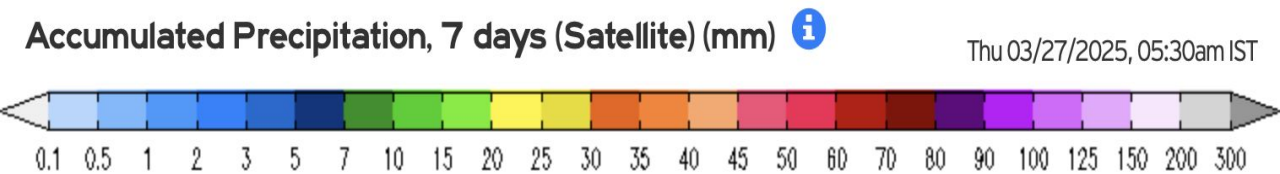
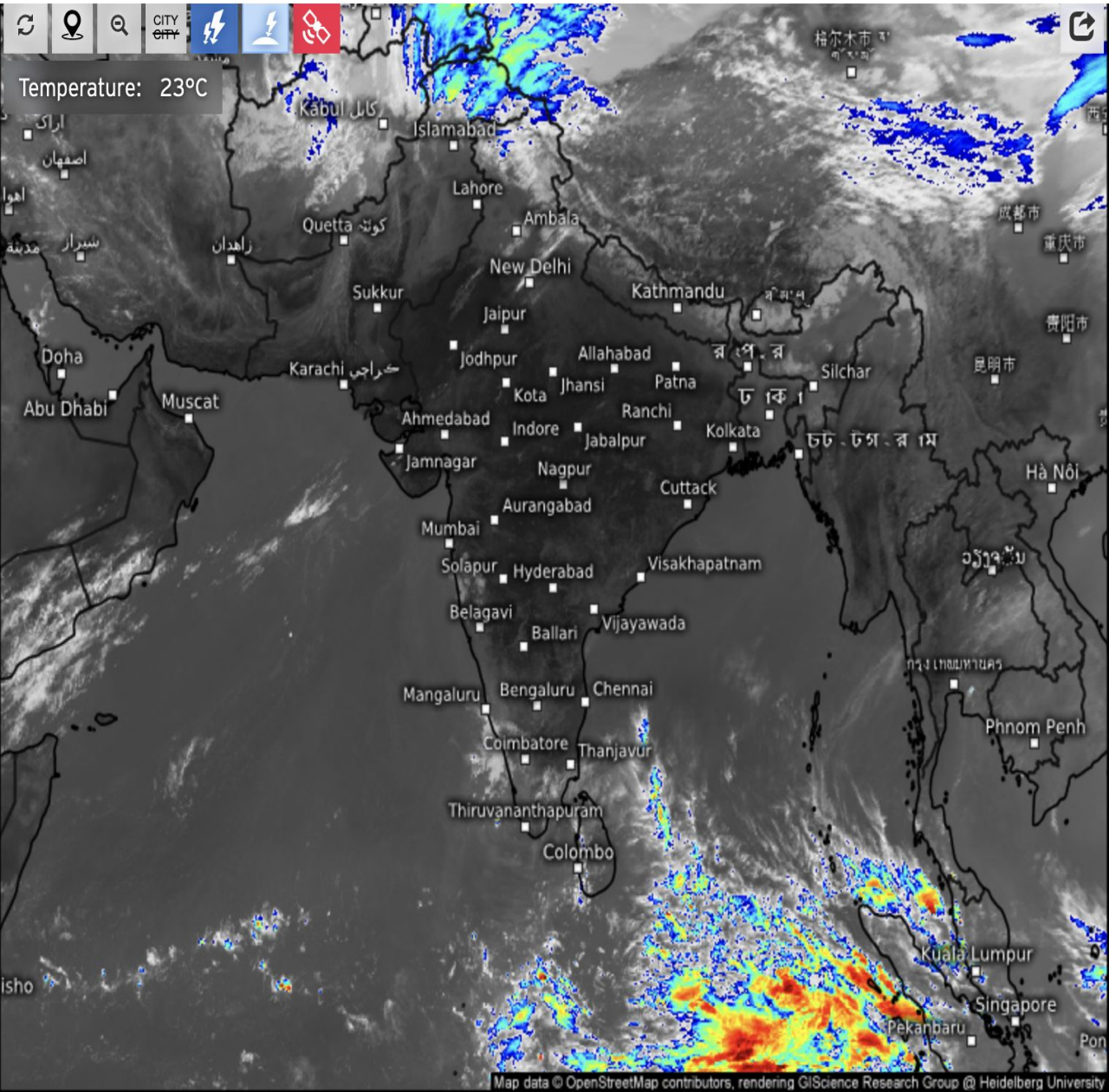
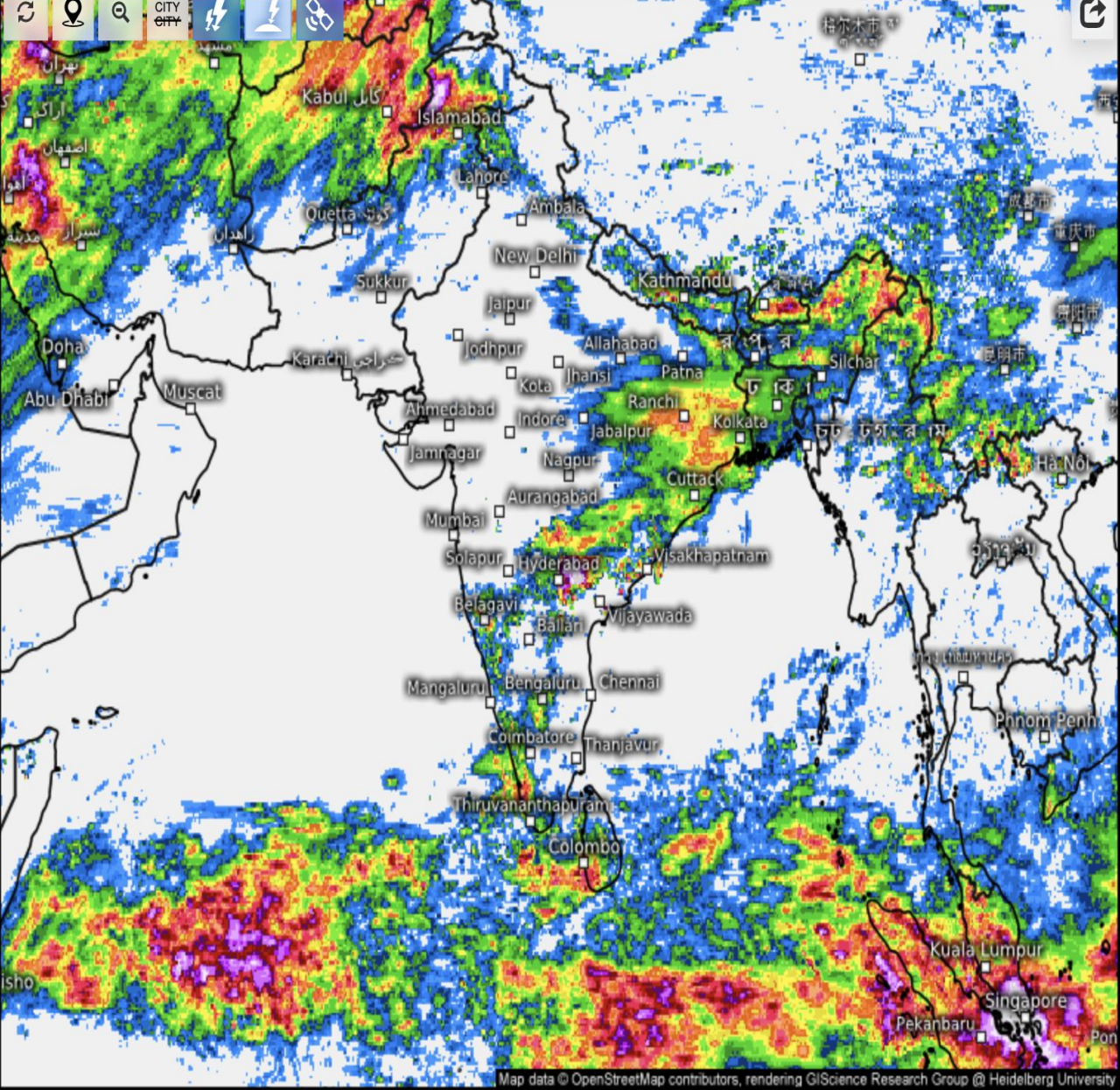
- Day 2 (08:30 IST 25/3/2025 - 08:30 IST 27/3/2025)
- ☐ Day 3 (08:30 IST 24/3/2025 - 08:30 IST 27/3/2025)
- ☐ Day 4 (08:30 IST 23/3/2025 - 08:30 IST 27/3/2025)
- ☐ Day 5 (08:30 IST 22/3/2025 - 08:30 IST 27/3/2025)
- ☐ Day 6 (08:30 IST 21/3/2025 - 08:30 IST 27/3/2025)
- ☒ Day 7 (08:30 IST 20/3/2025 - 08:30 IST 27/3/2025)

Legend: (Rainfall in mm)

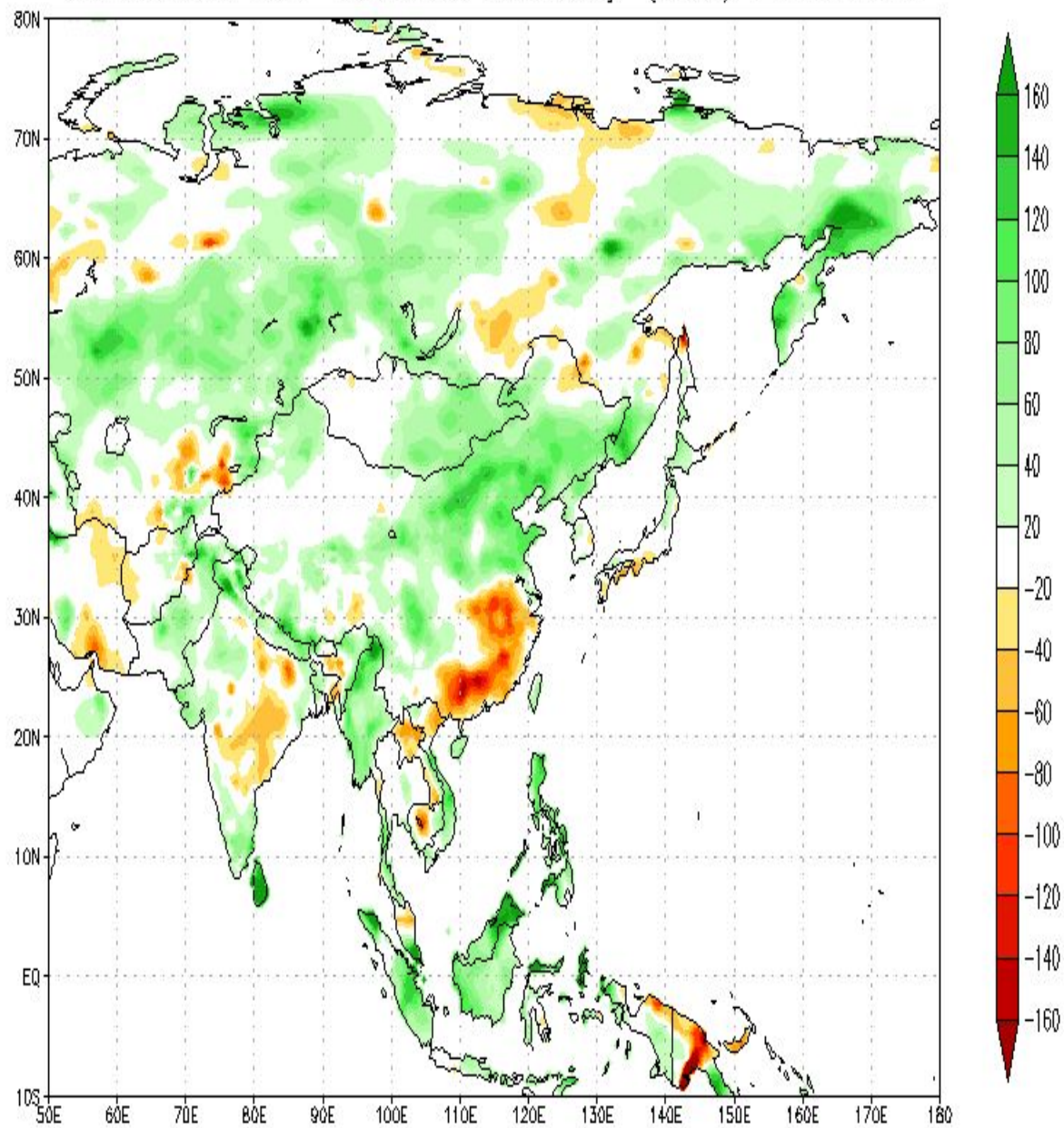
- 0.1 - 15
- 15 - 35
- 35 - 65
- 65 - 115
- 115 - 200
- 200 - 300
- 300 - 400
- 400 - 500
- > 500



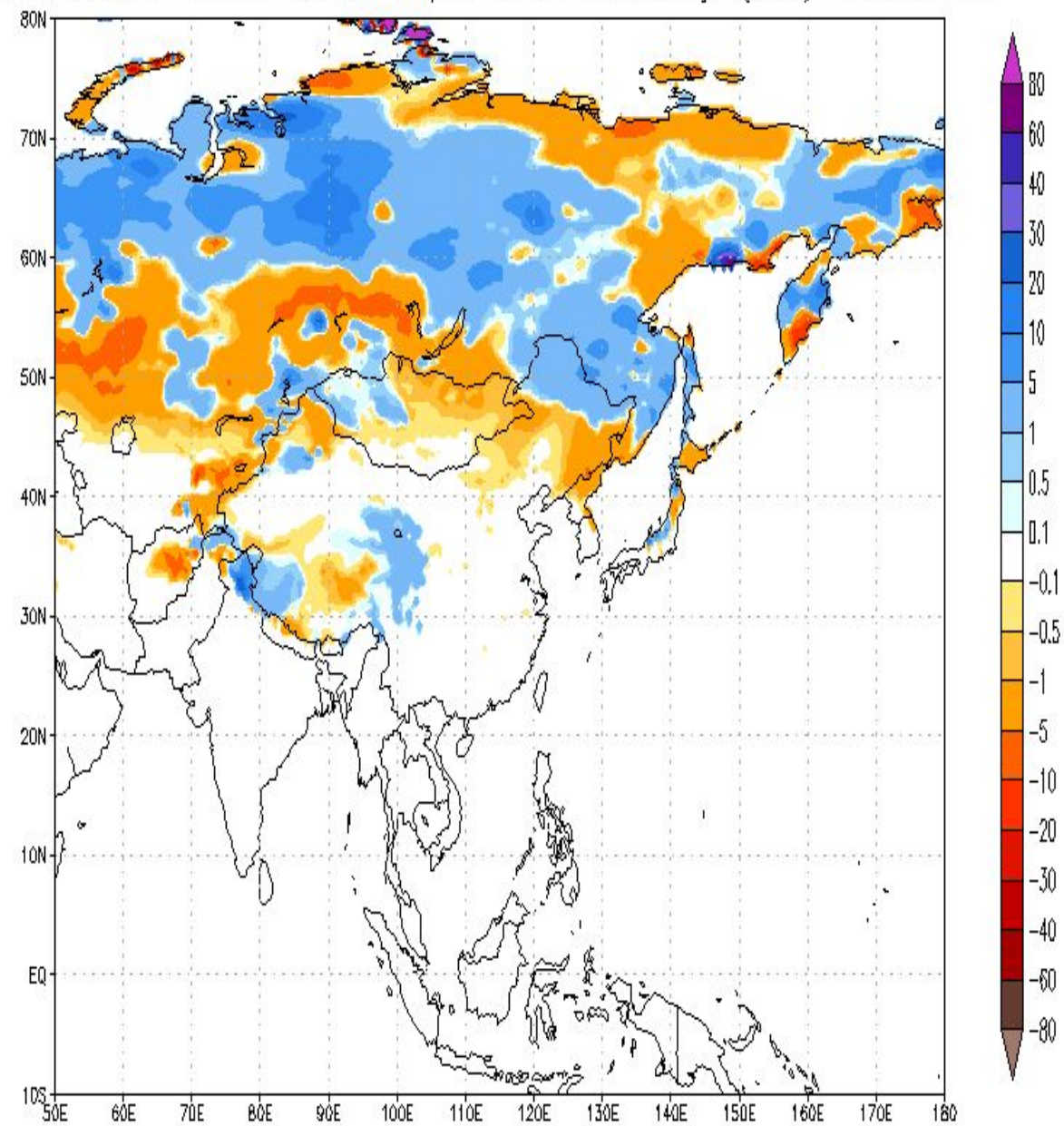




Calculated Soil Moisture Anomaly (mm) 20250325

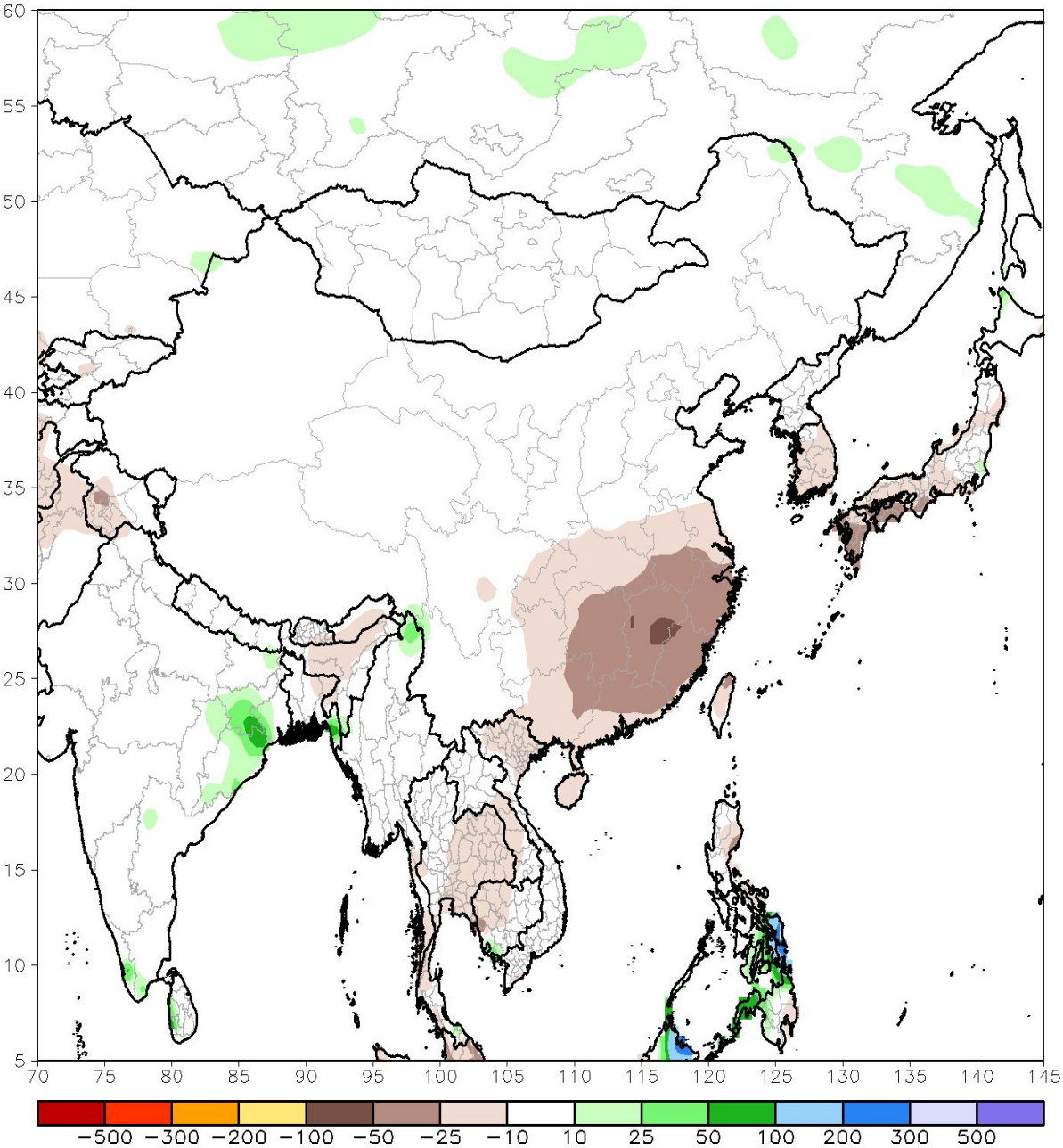


Calculated Snow Water Equivalent Anomaly (cm) 20250325



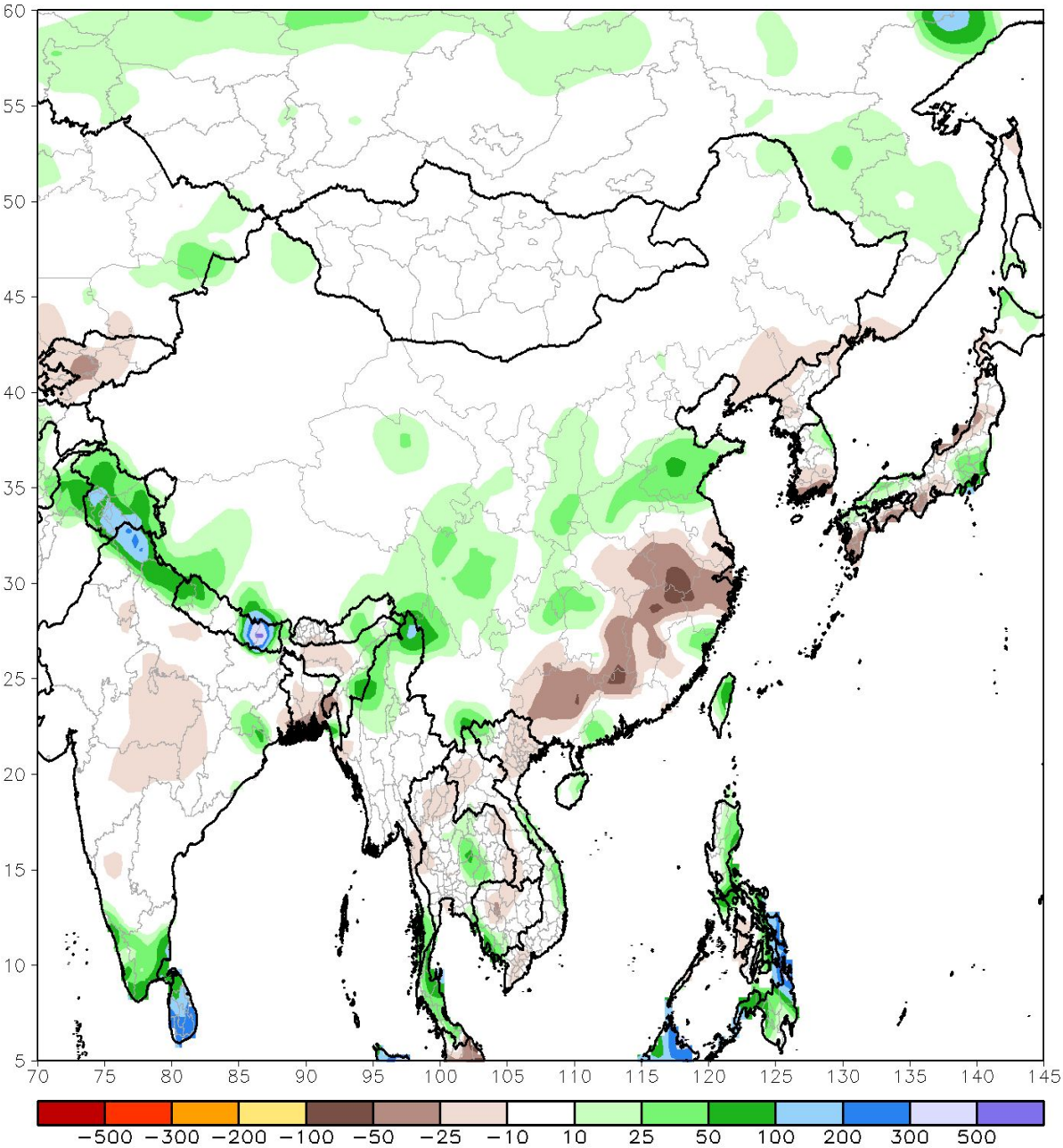
CPC Unified Gauge 7-Day Total Rainfall Anomaly (mm)

Period: 19Mar2025 - 25Mar2025



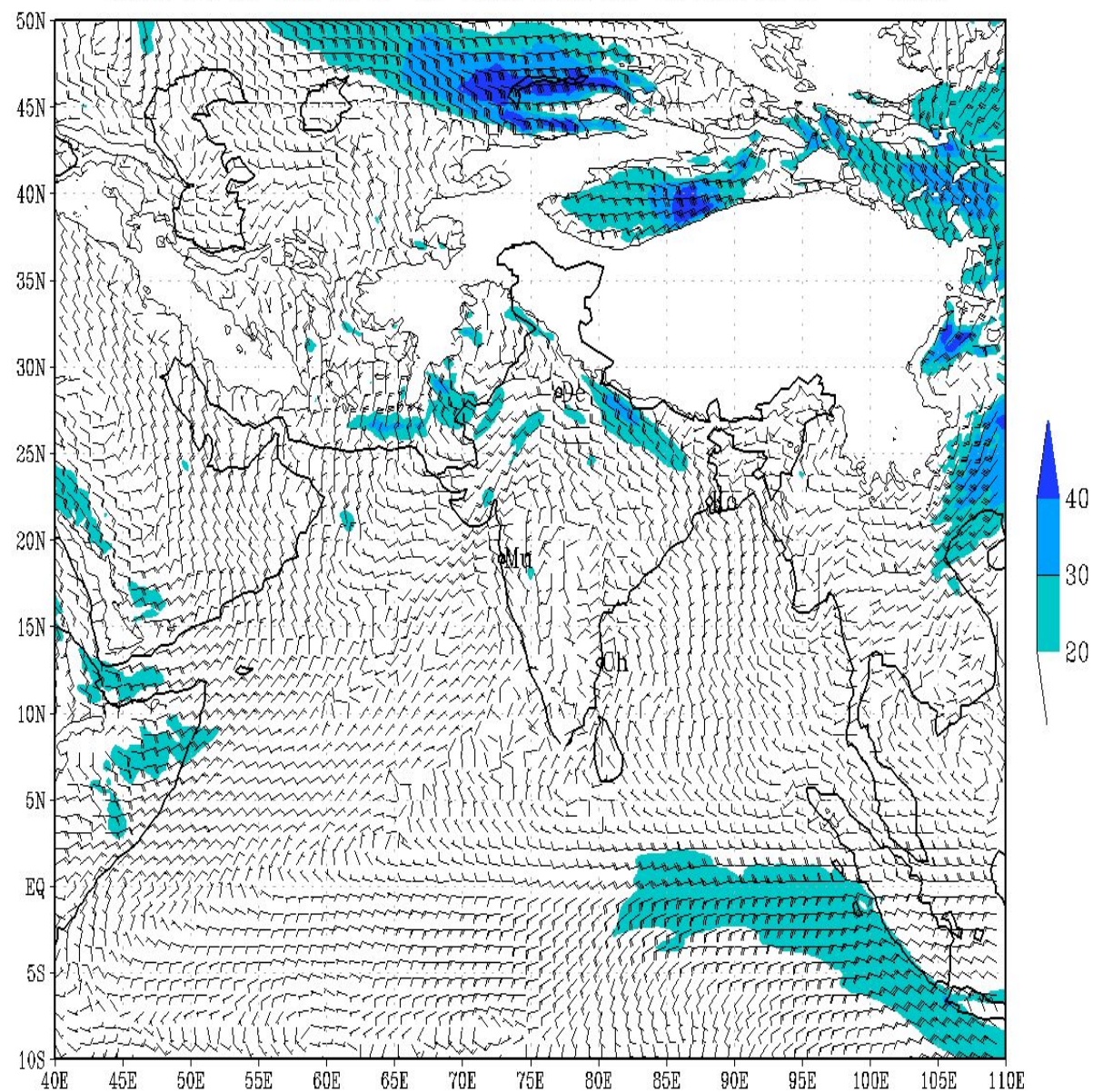
CPC Unified Gauge 30-Day Total Rainfall Anomaly (mm)

Period: 24Feb2025 - 25Mar2025



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

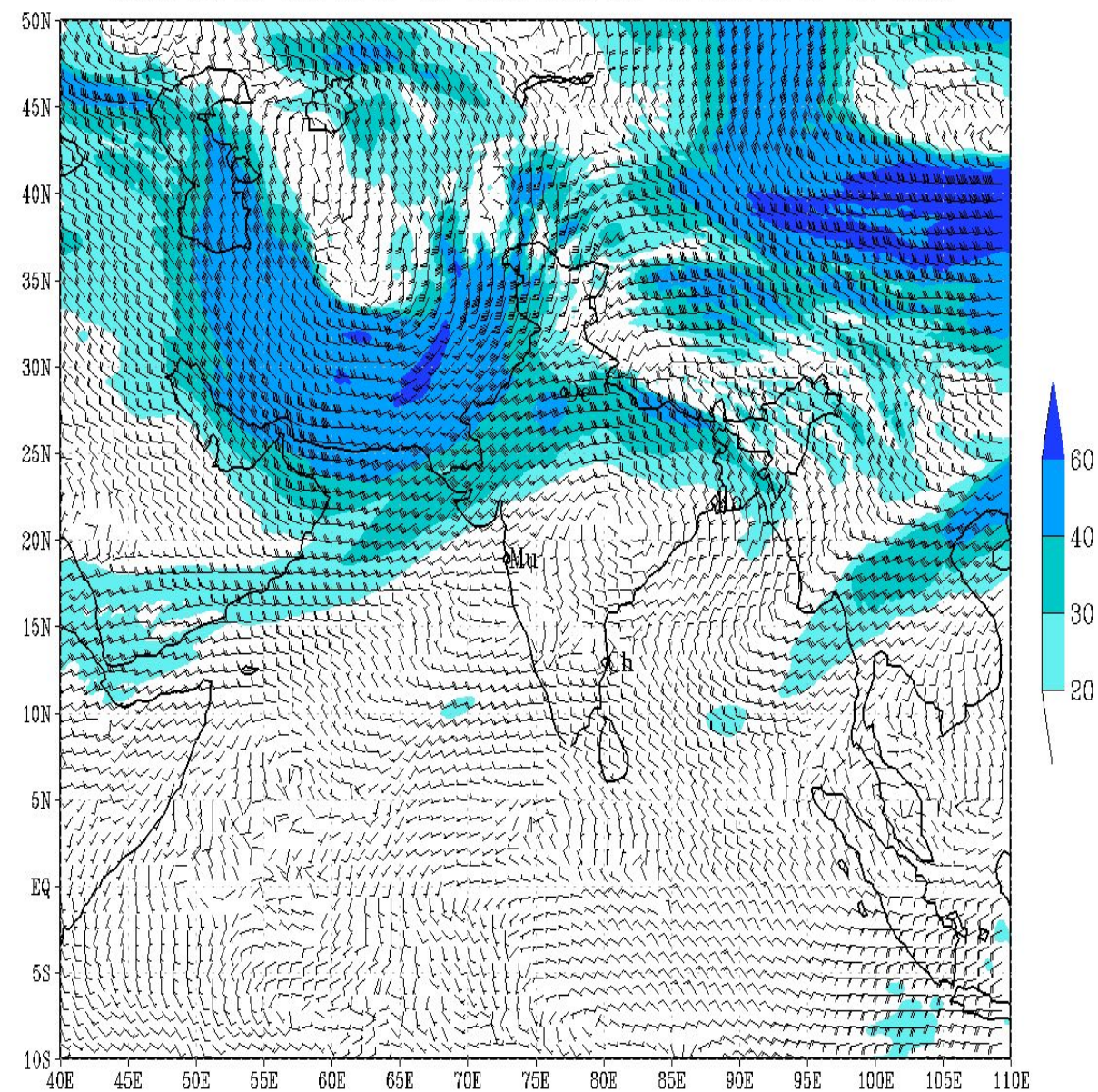
based on 00 UTC of 27-03-2025 valid for 00 UTC of 27-03-2025



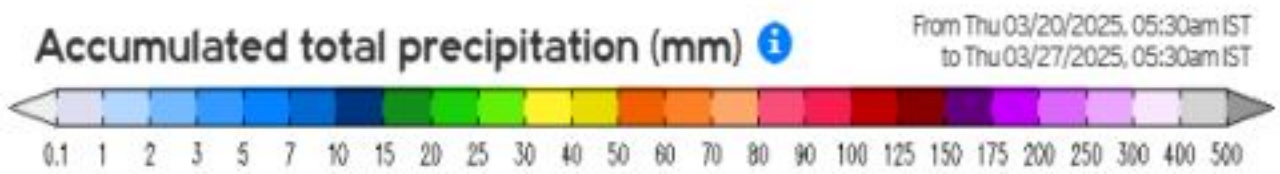
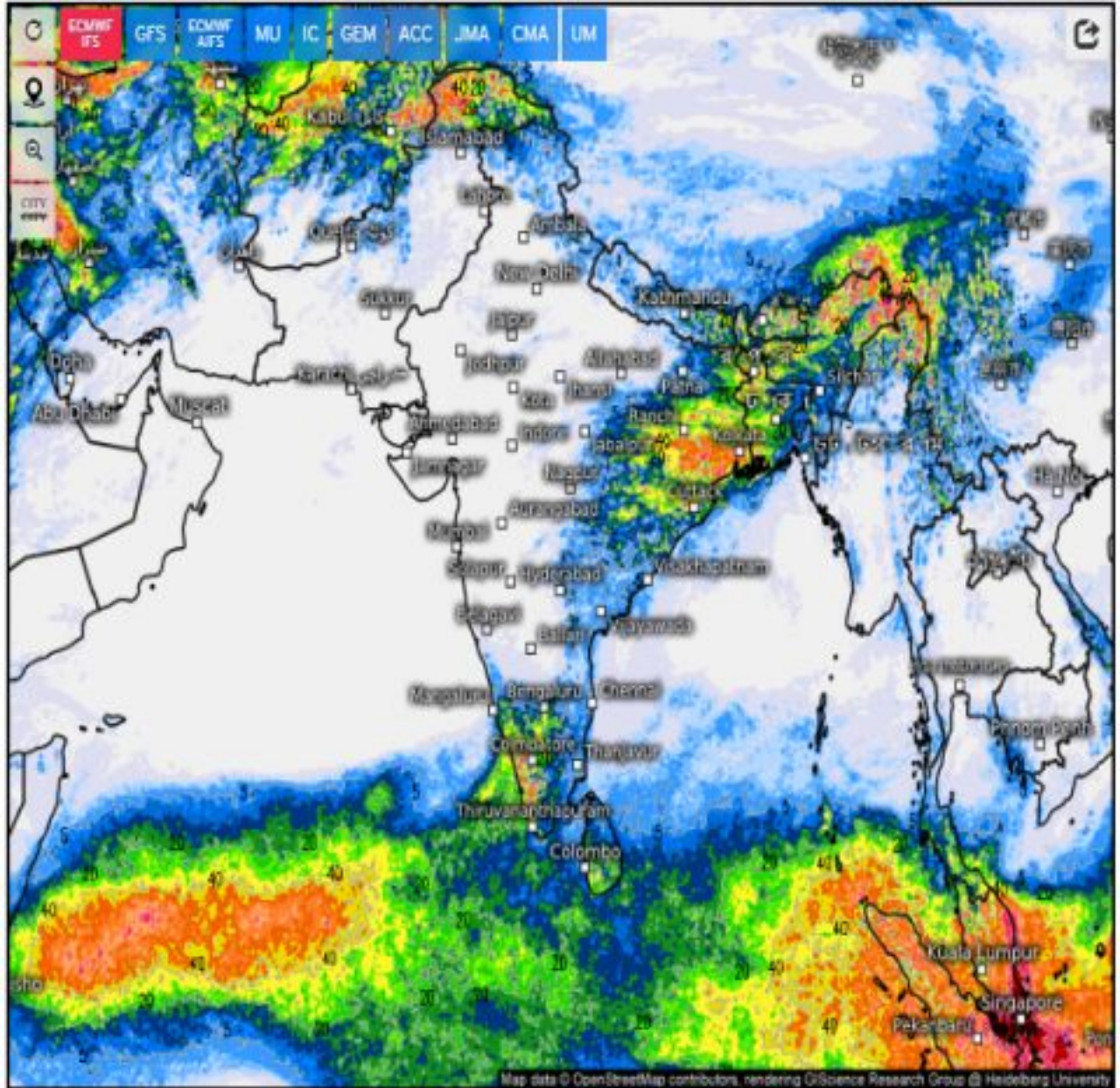
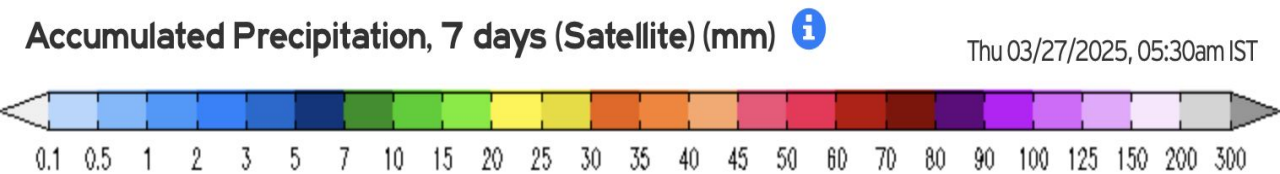
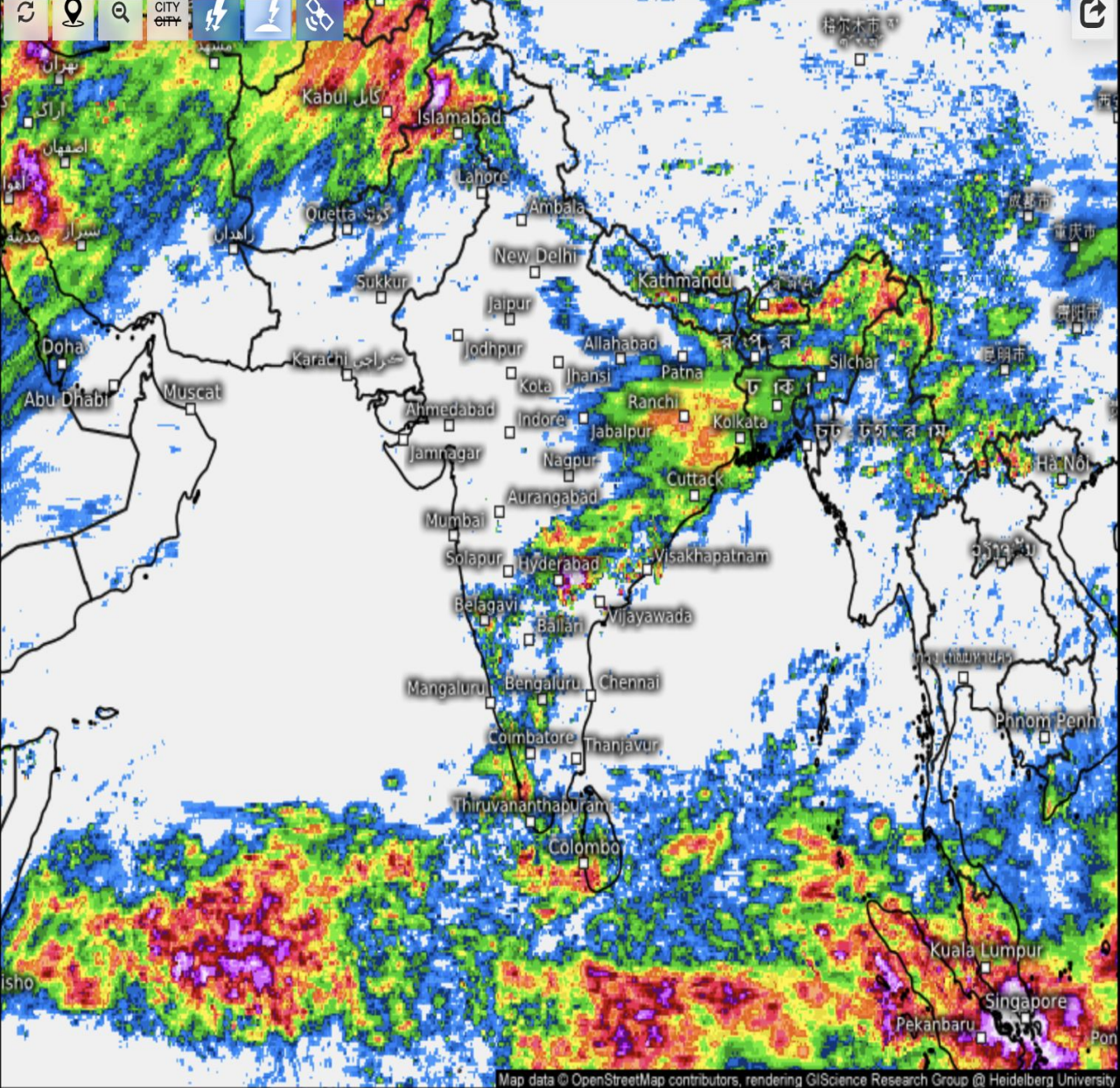
(Background does not depict political boundary)

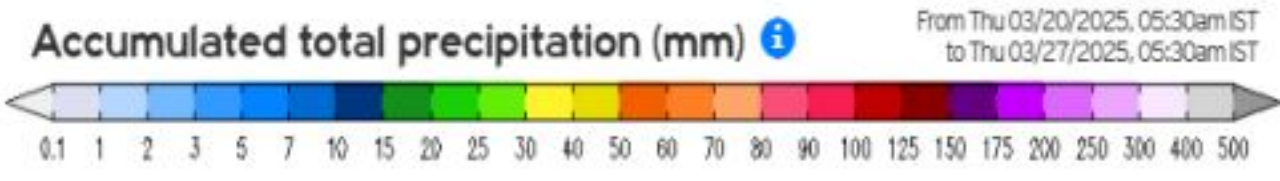
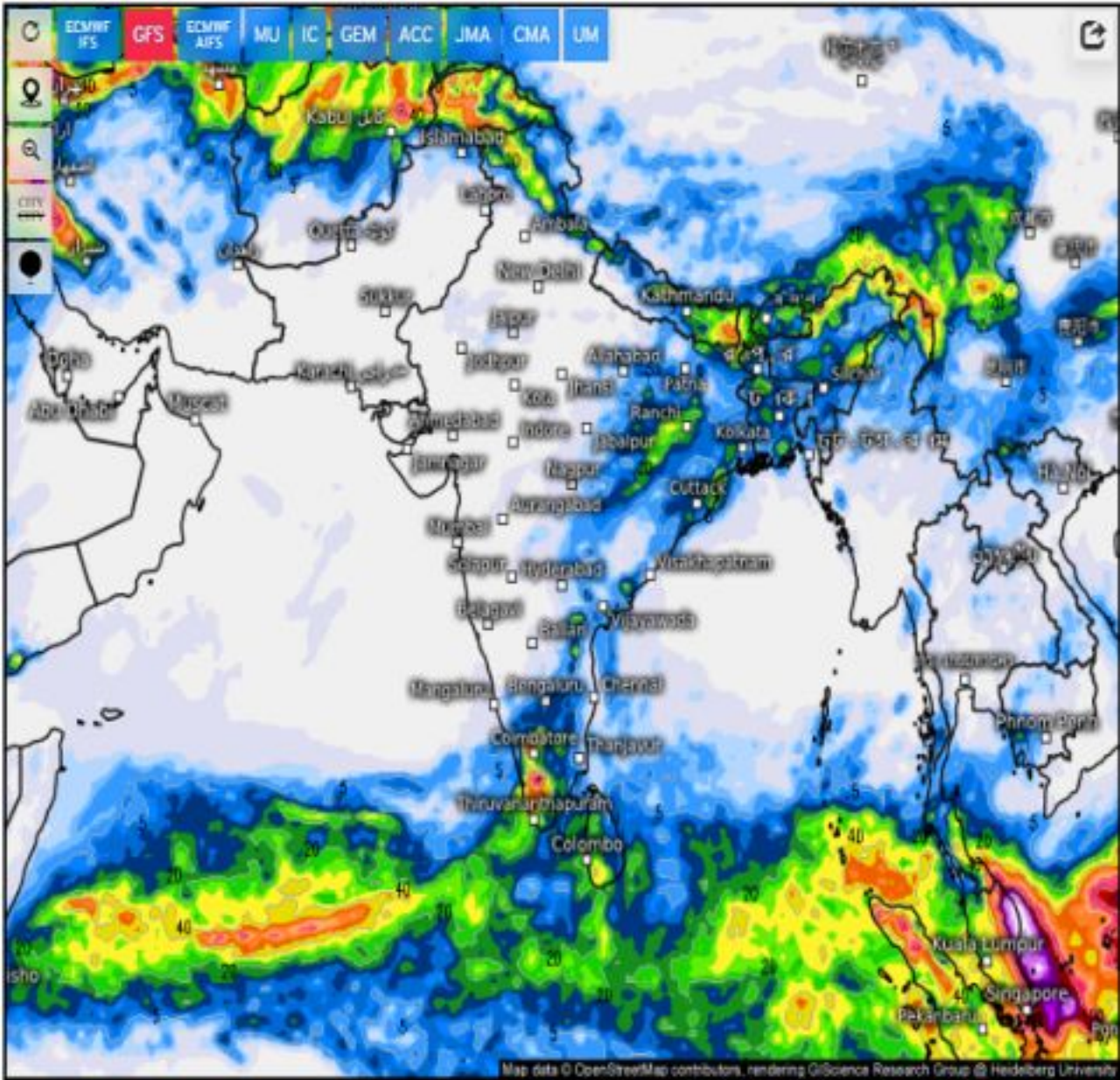
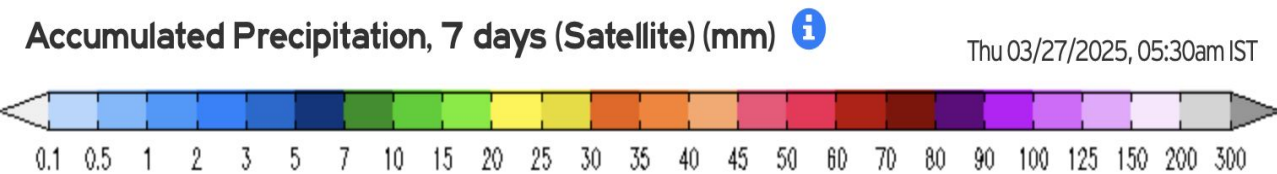
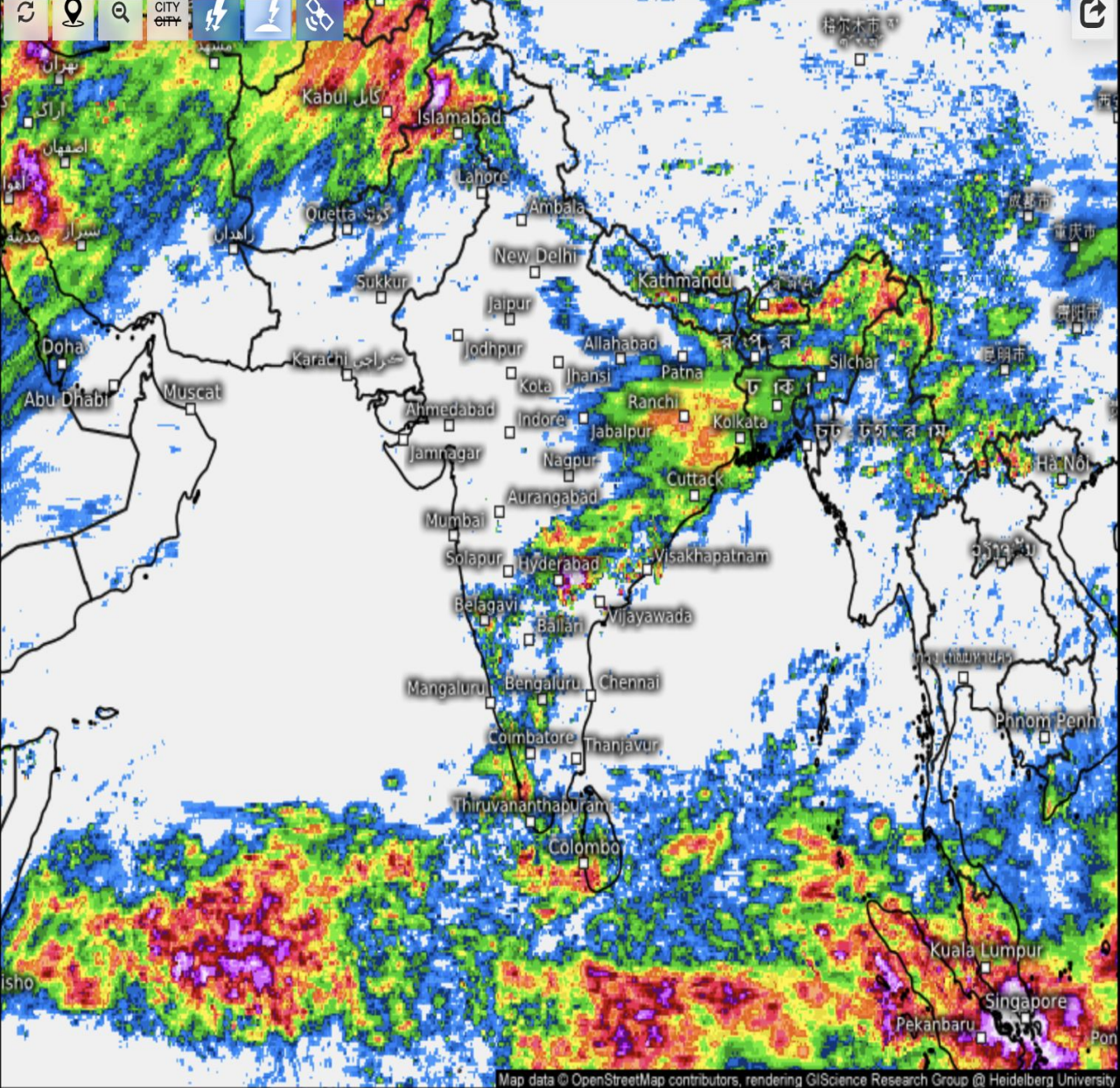
IMD:GFS MODEL(12 Km) 500 hPa WIND (kt) FORECAST (00 HR)

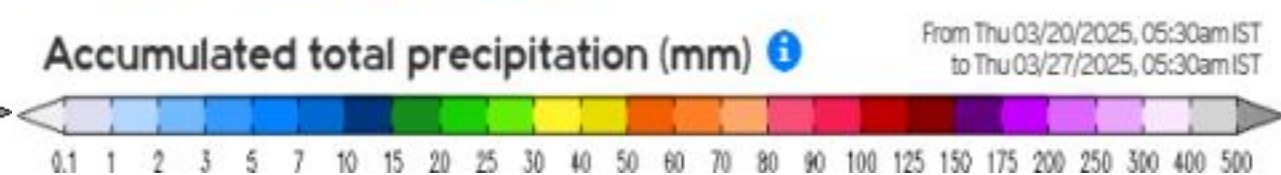
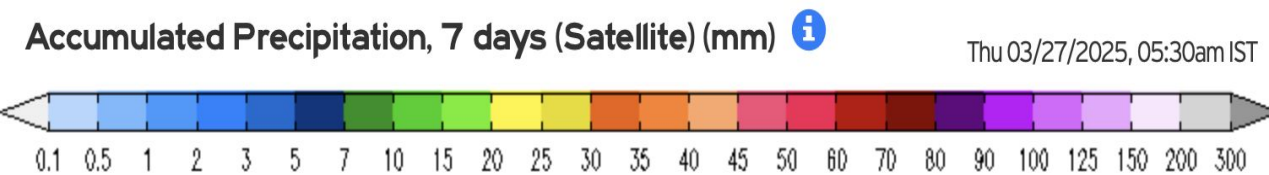
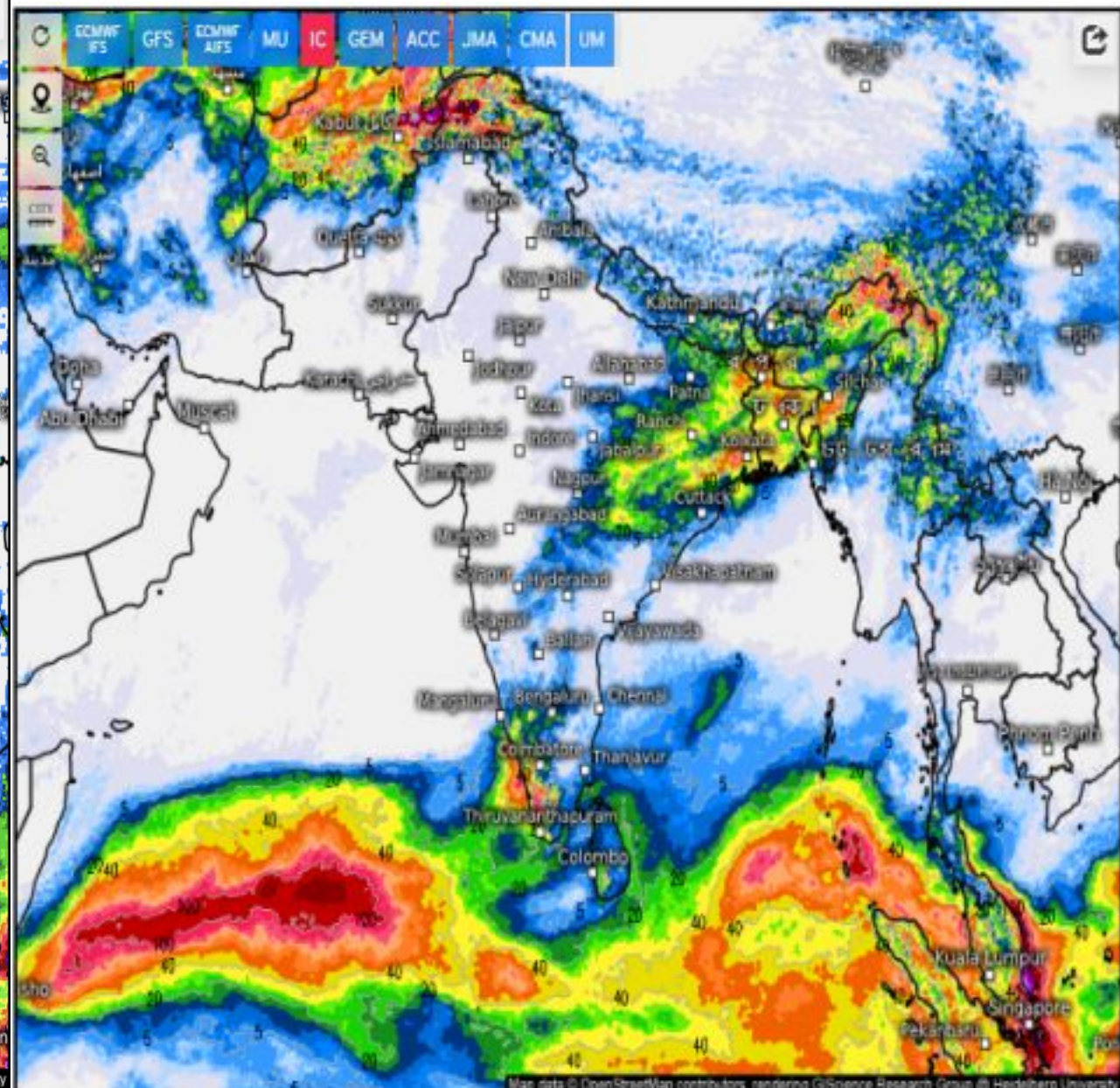
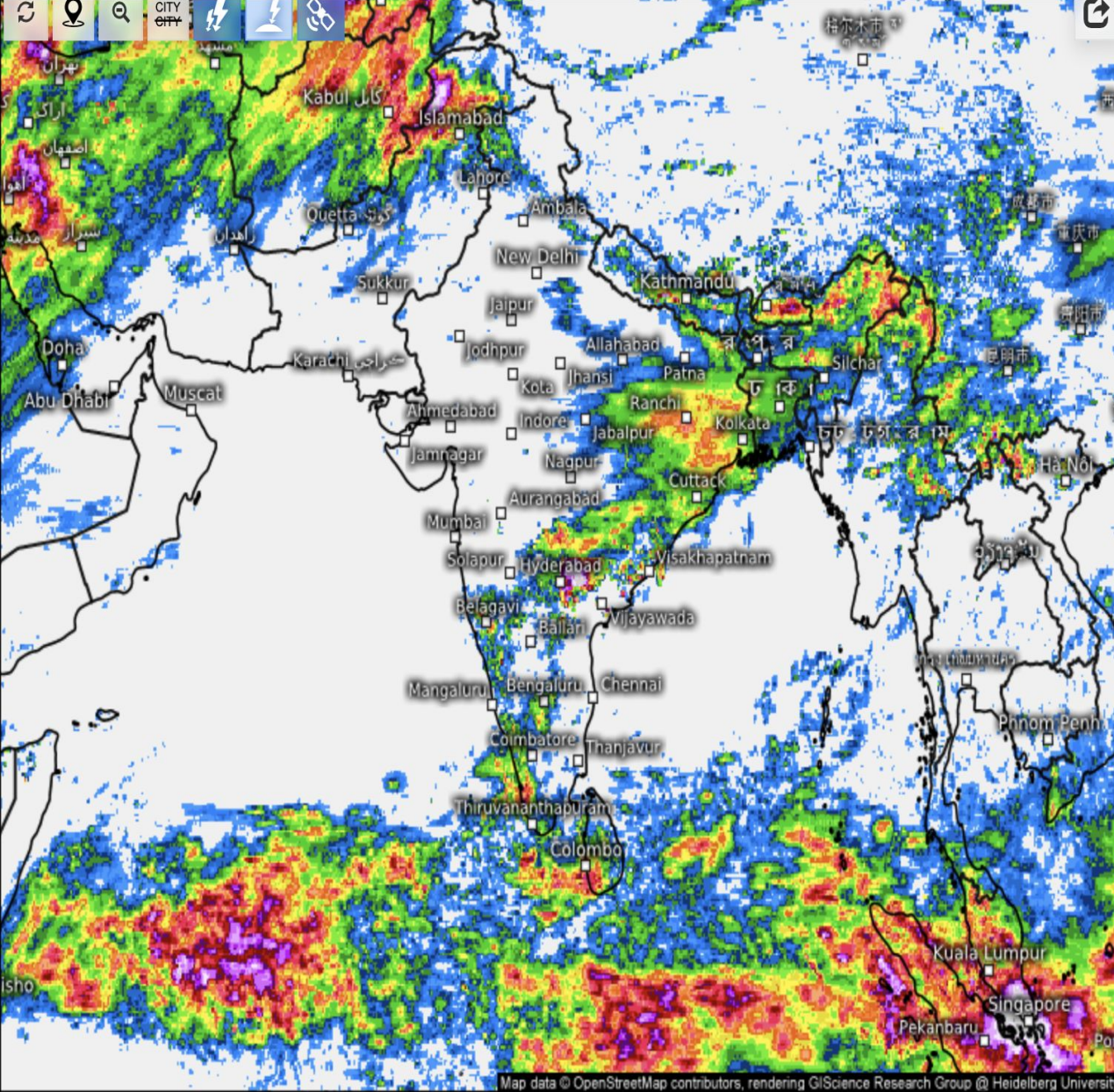
based on 00 UTC of 27-03-2025 valid for 00 UTC of 27-03-2025

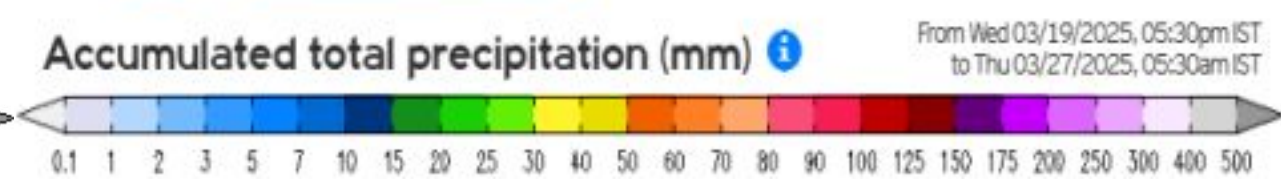
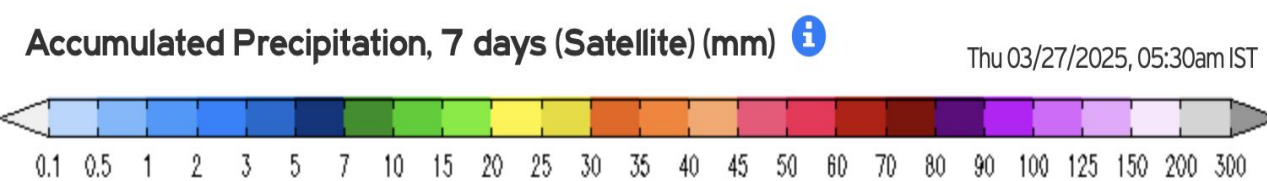
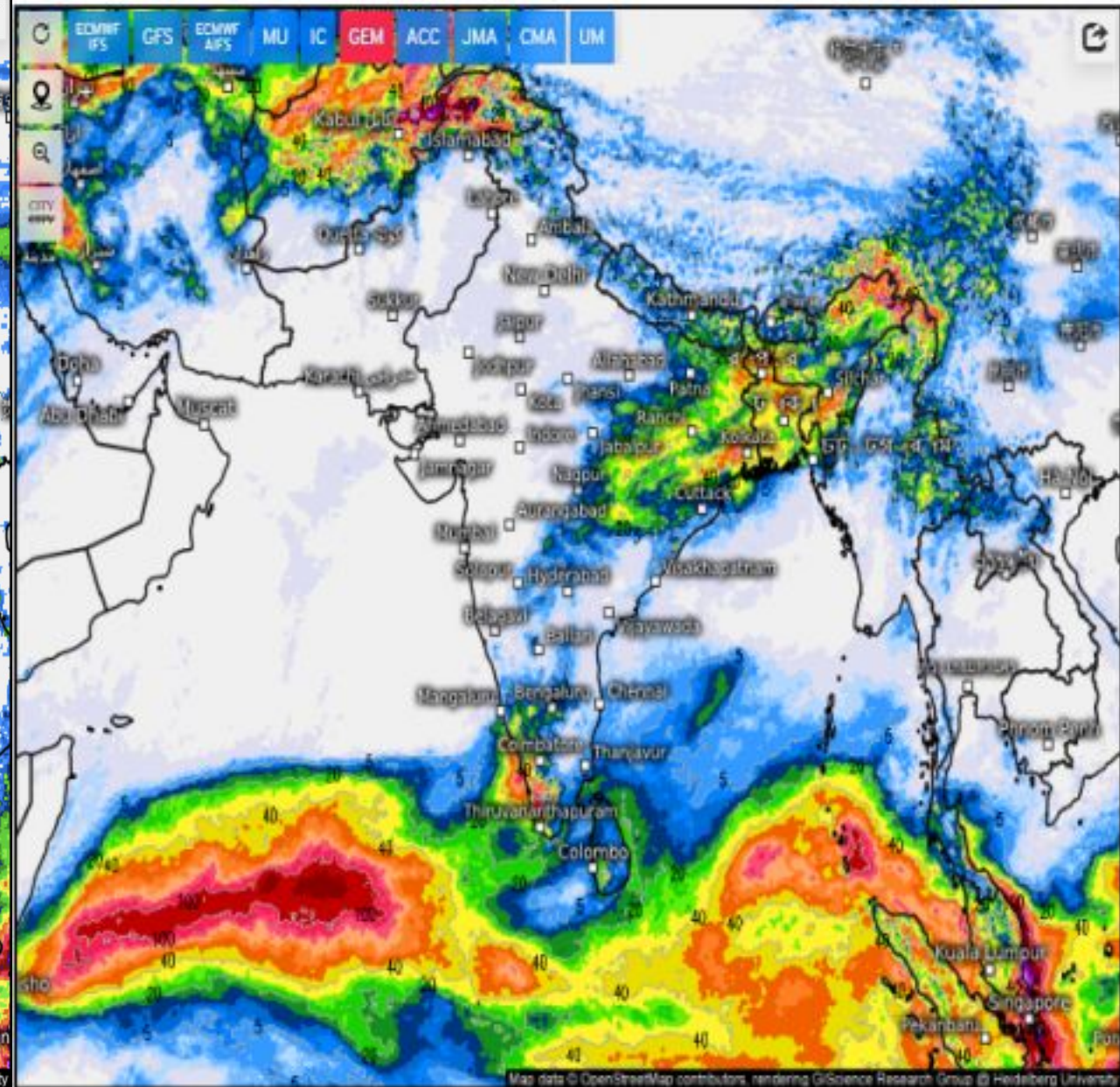
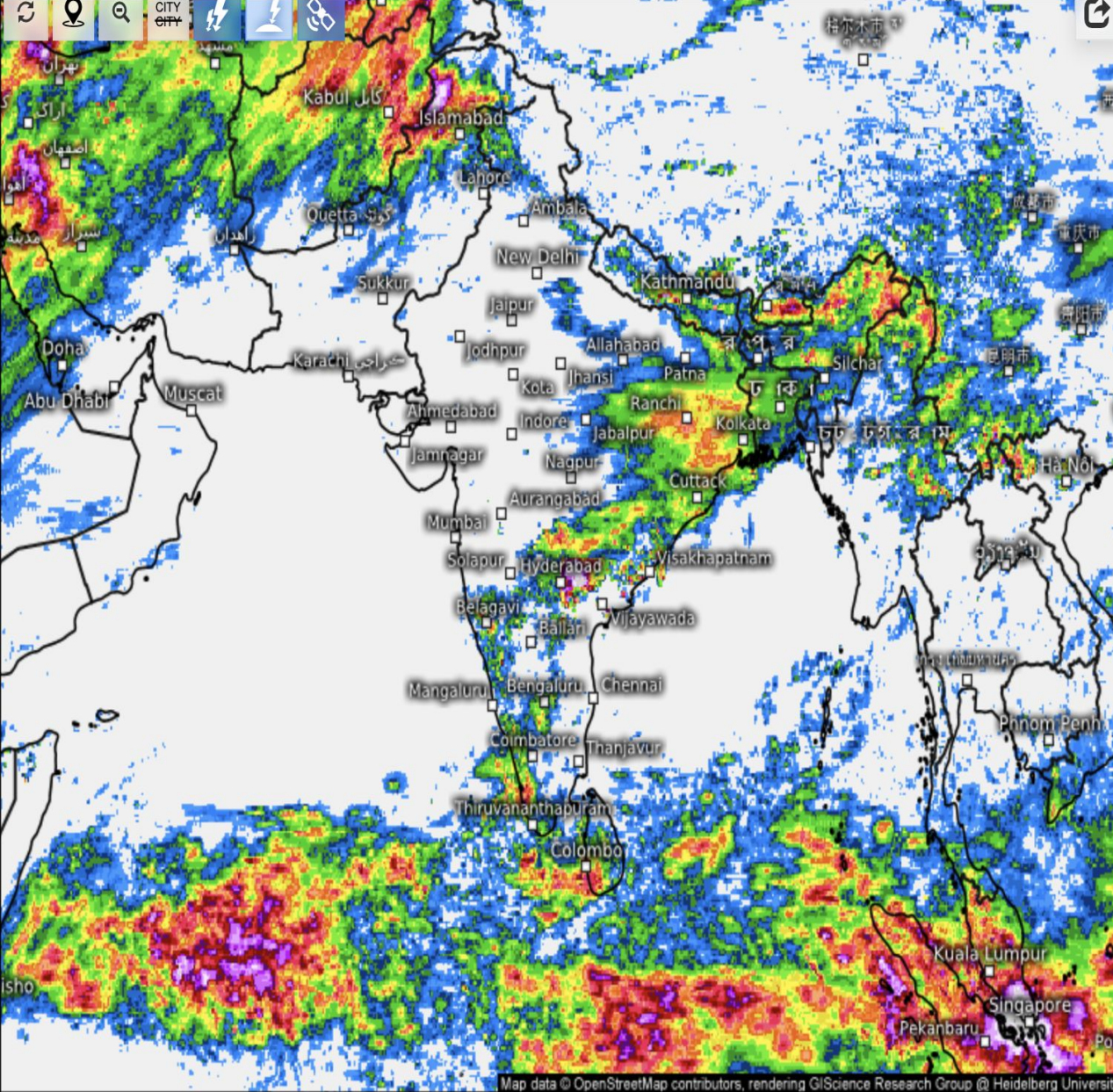


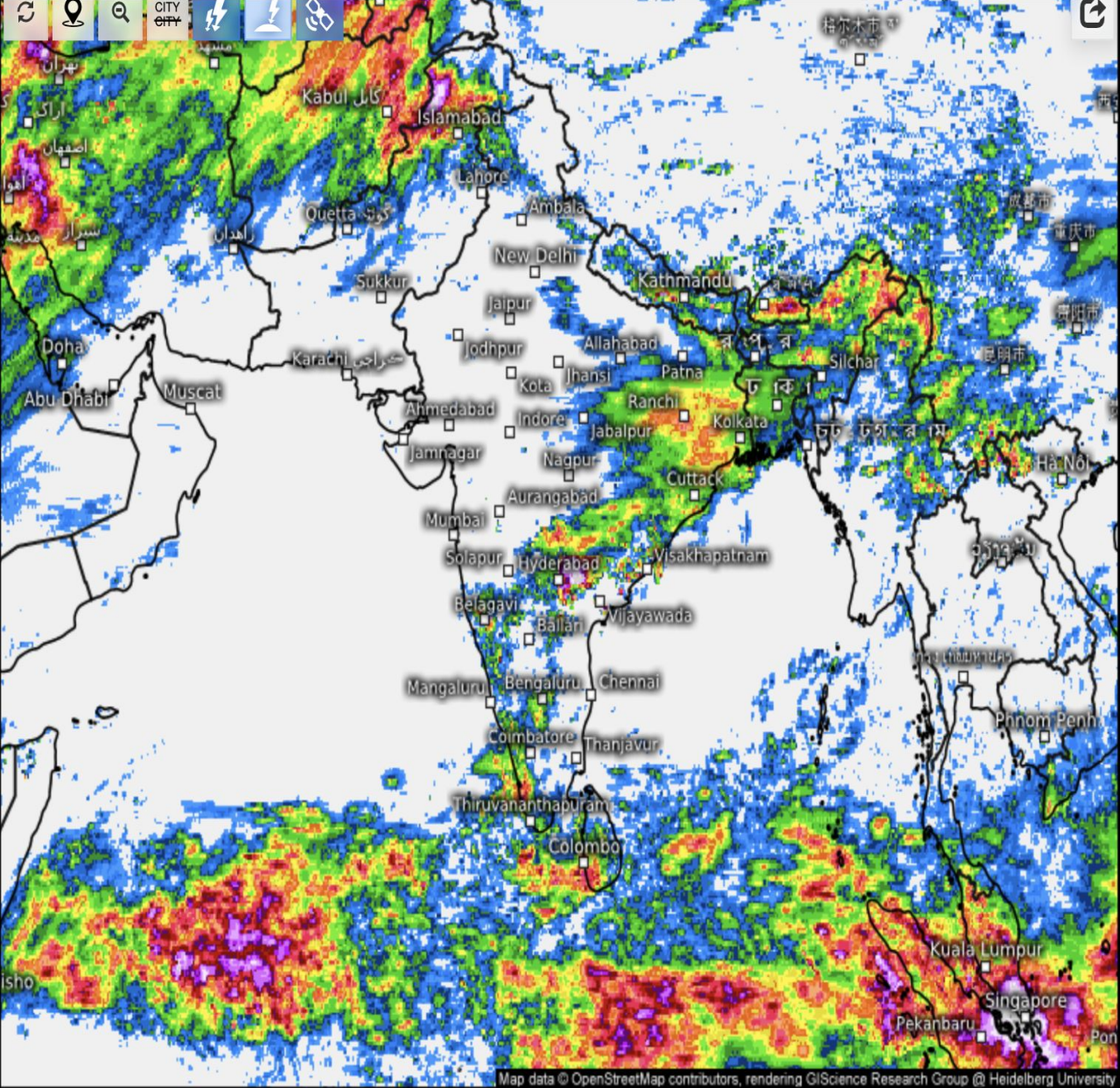
(Background does not depict political boundary)





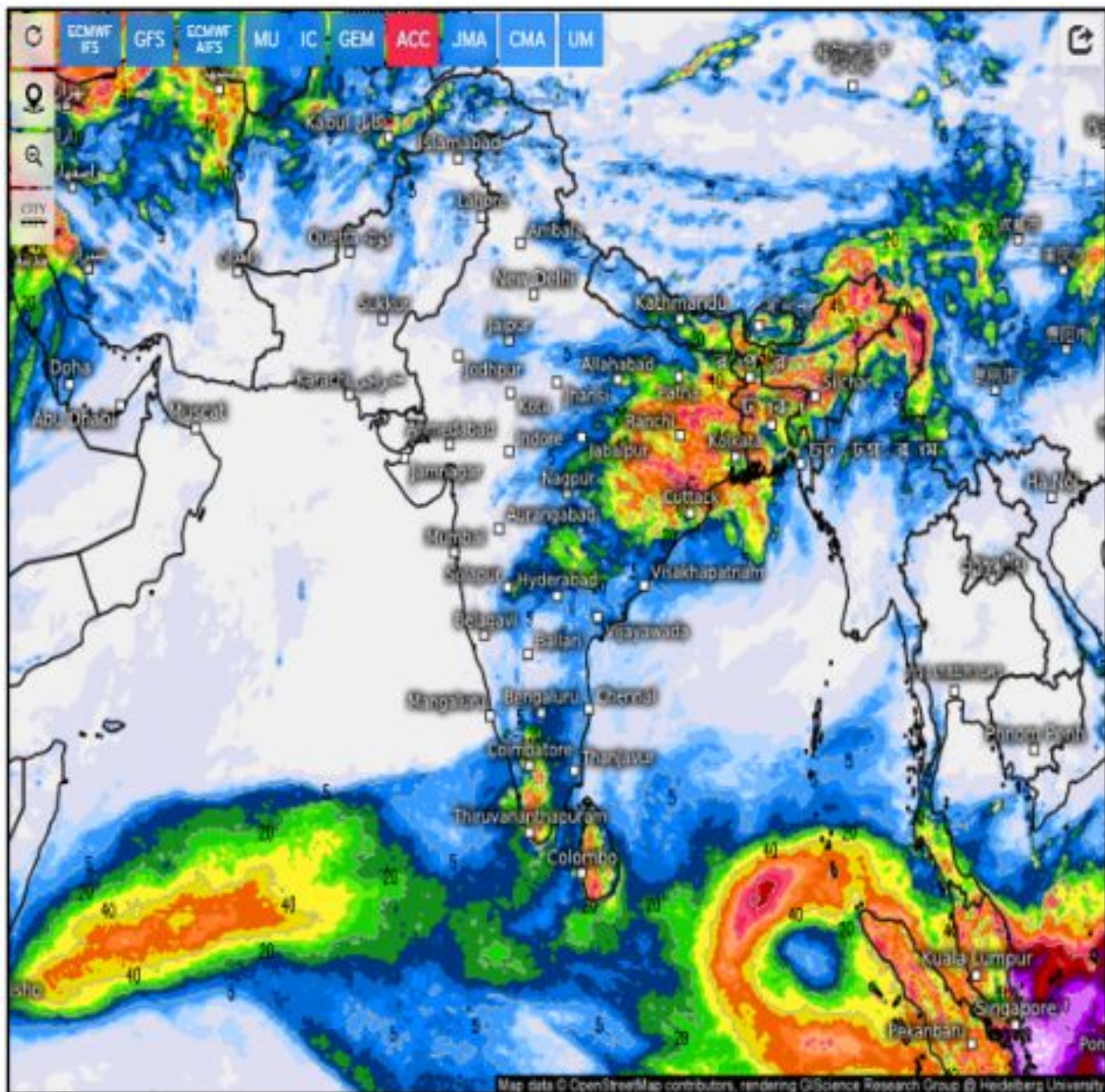
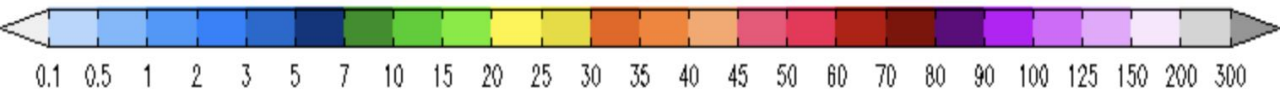






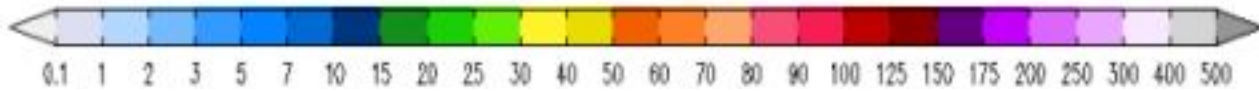
Accumulated Precipitation, 7 days (Satellite) (mm)

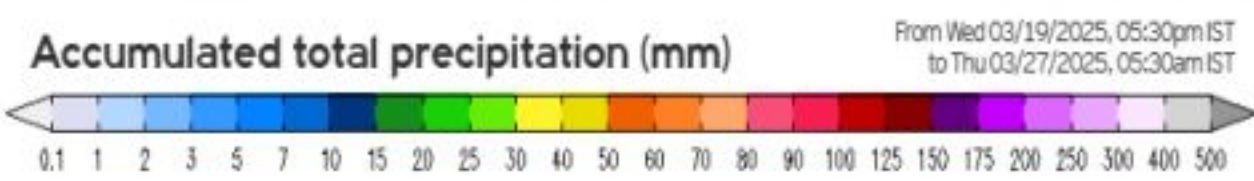
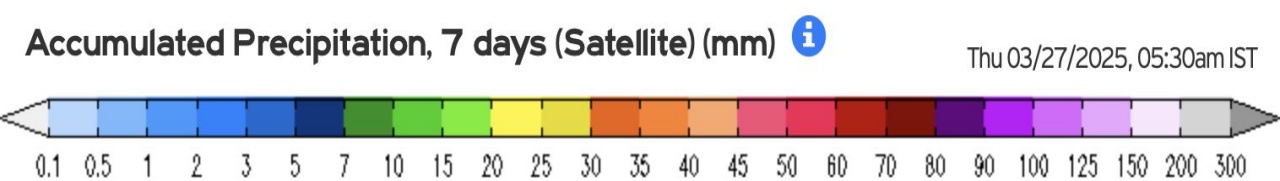
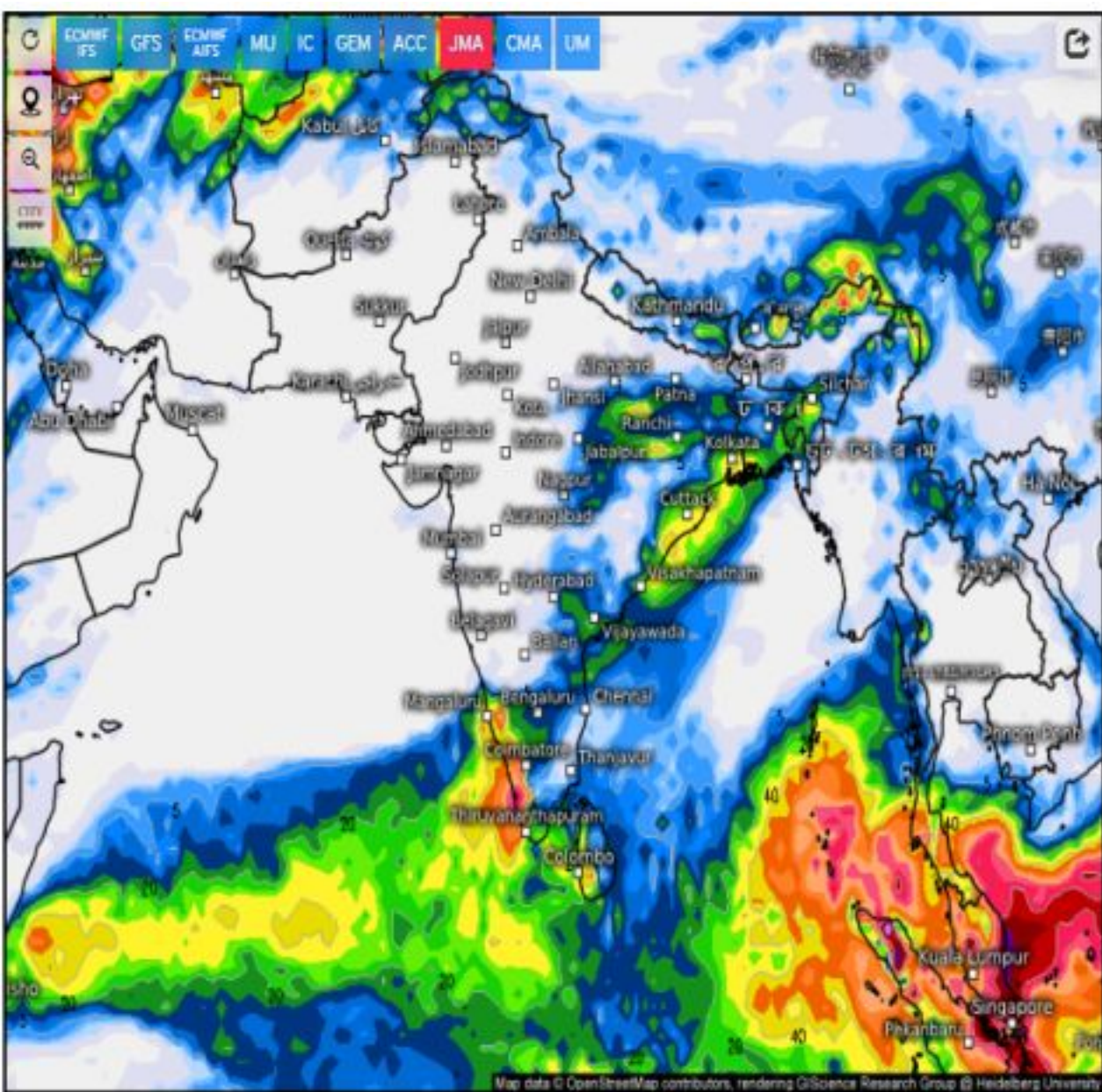
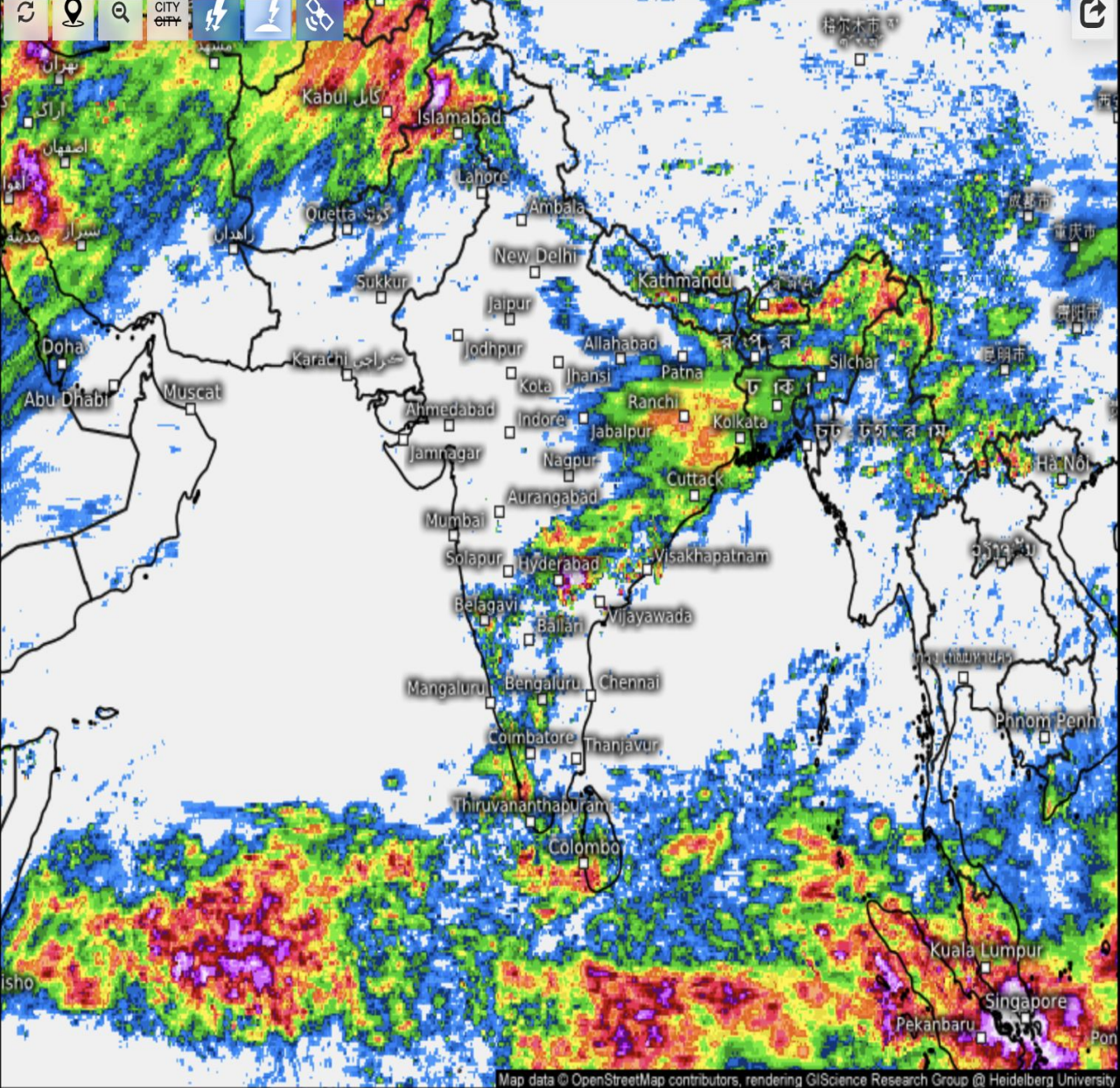
Thu 03/27/2025, 05:30am IST

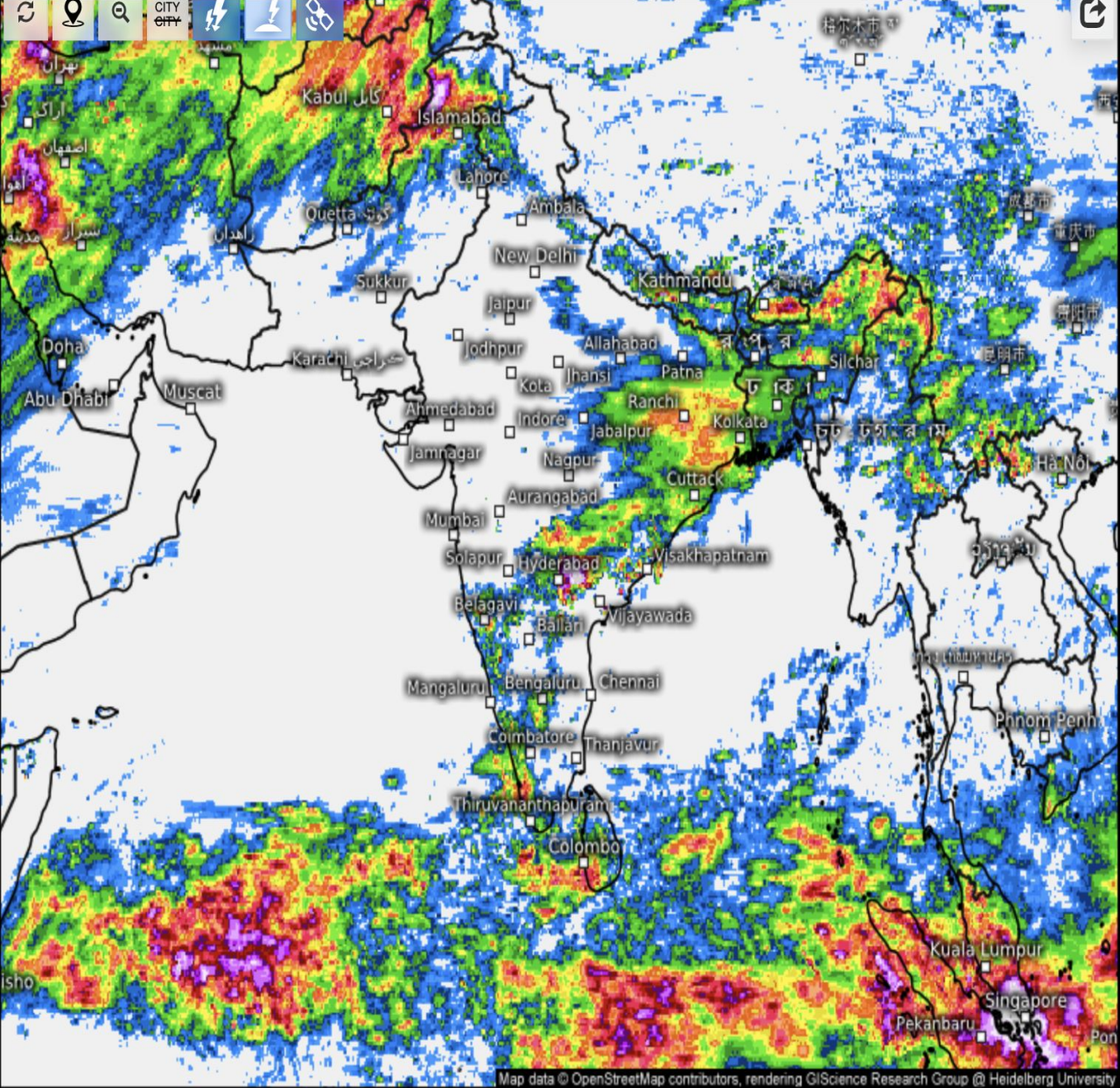


Accumulated total precipitation (mm)

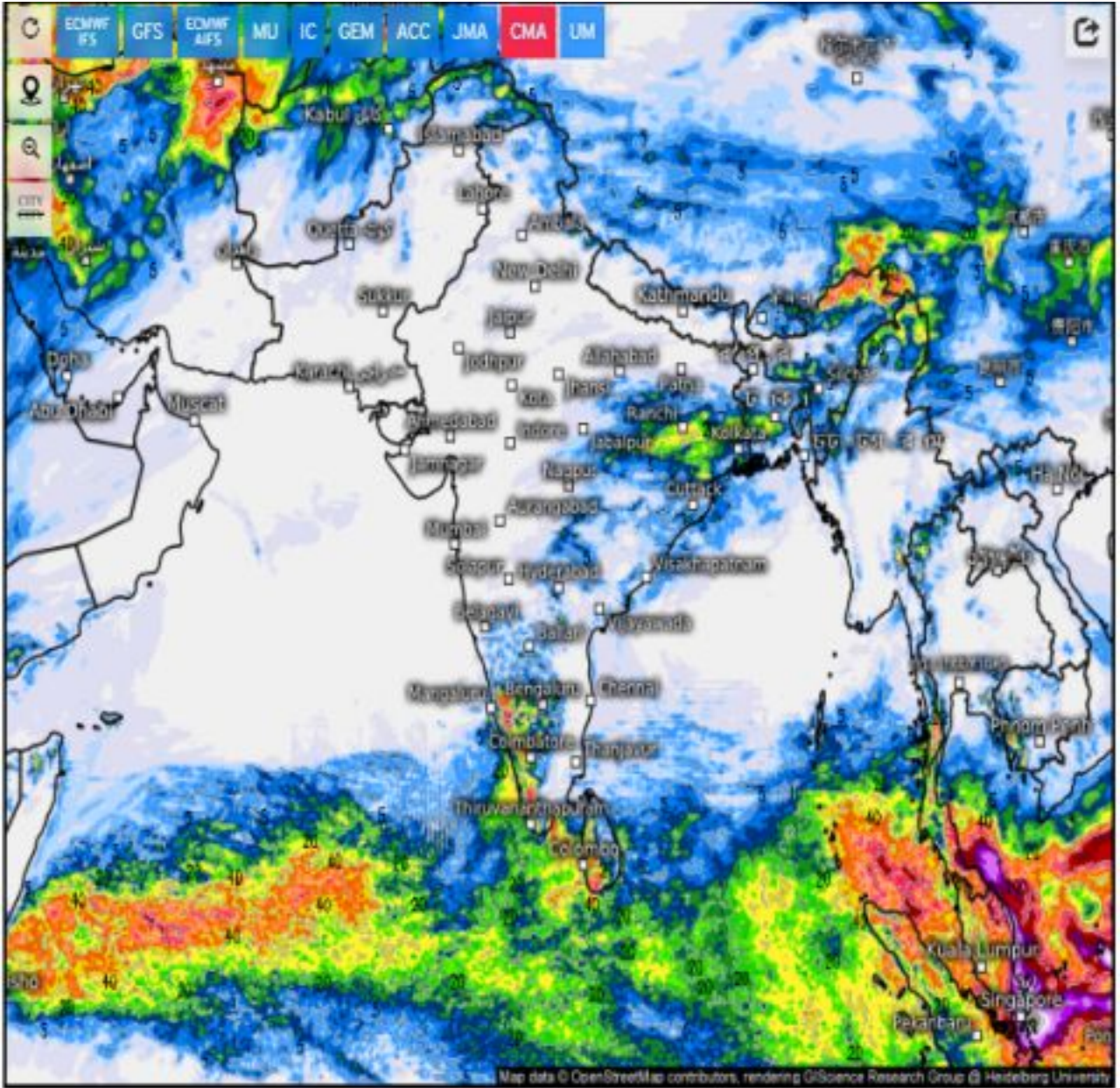
From Wed 03/19/2025, 05:30pm IST
to Thu 03/27/2025, 05:30am IST



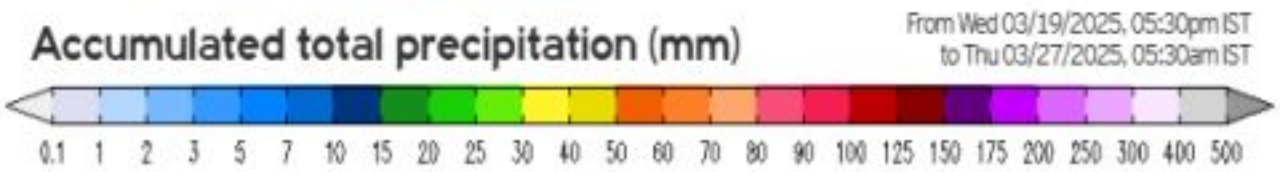
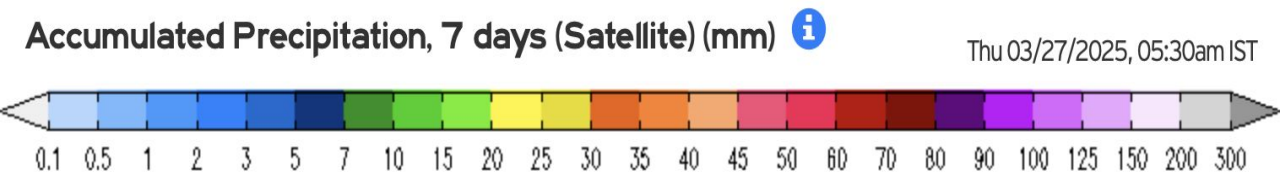


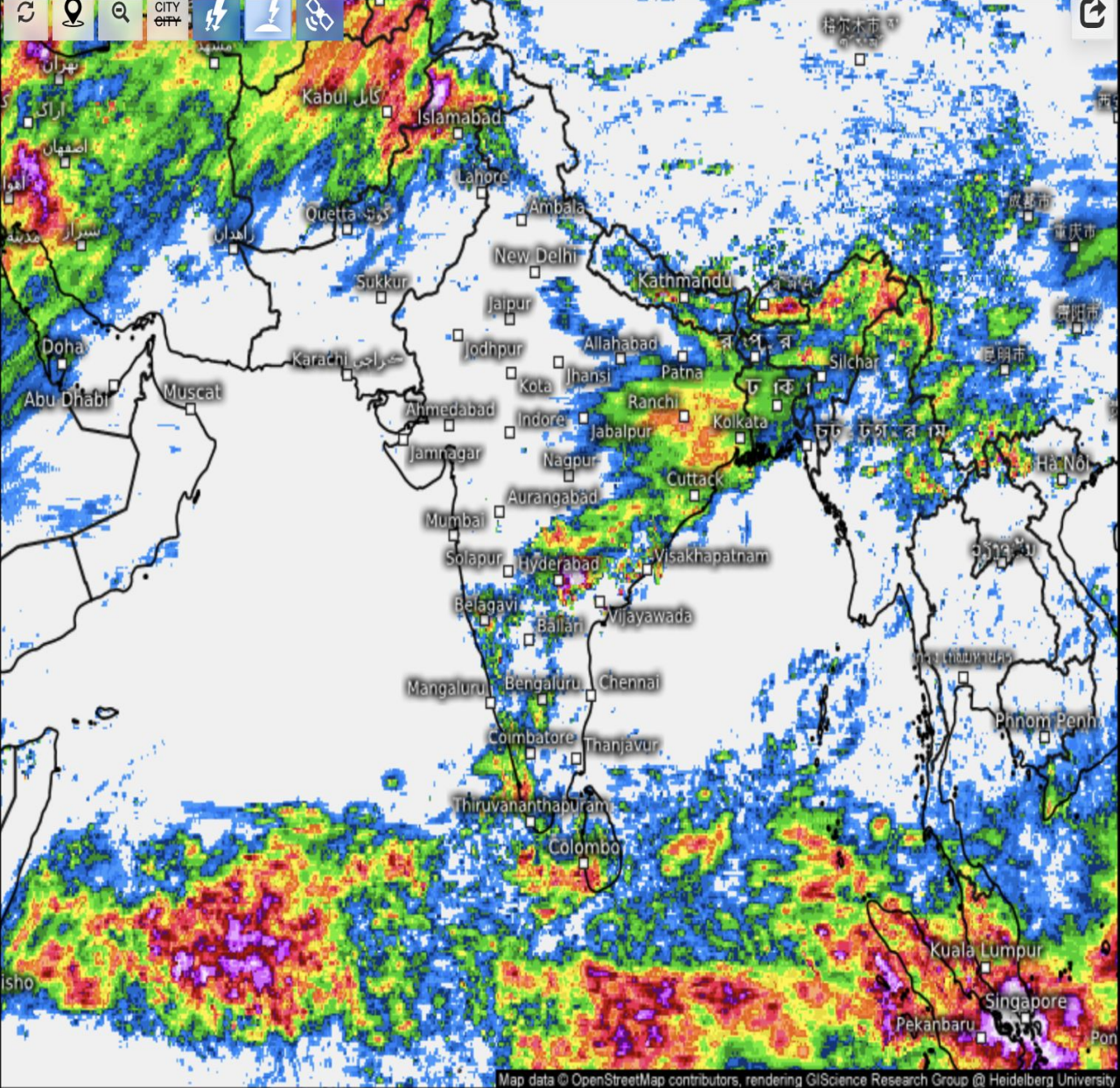


Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University



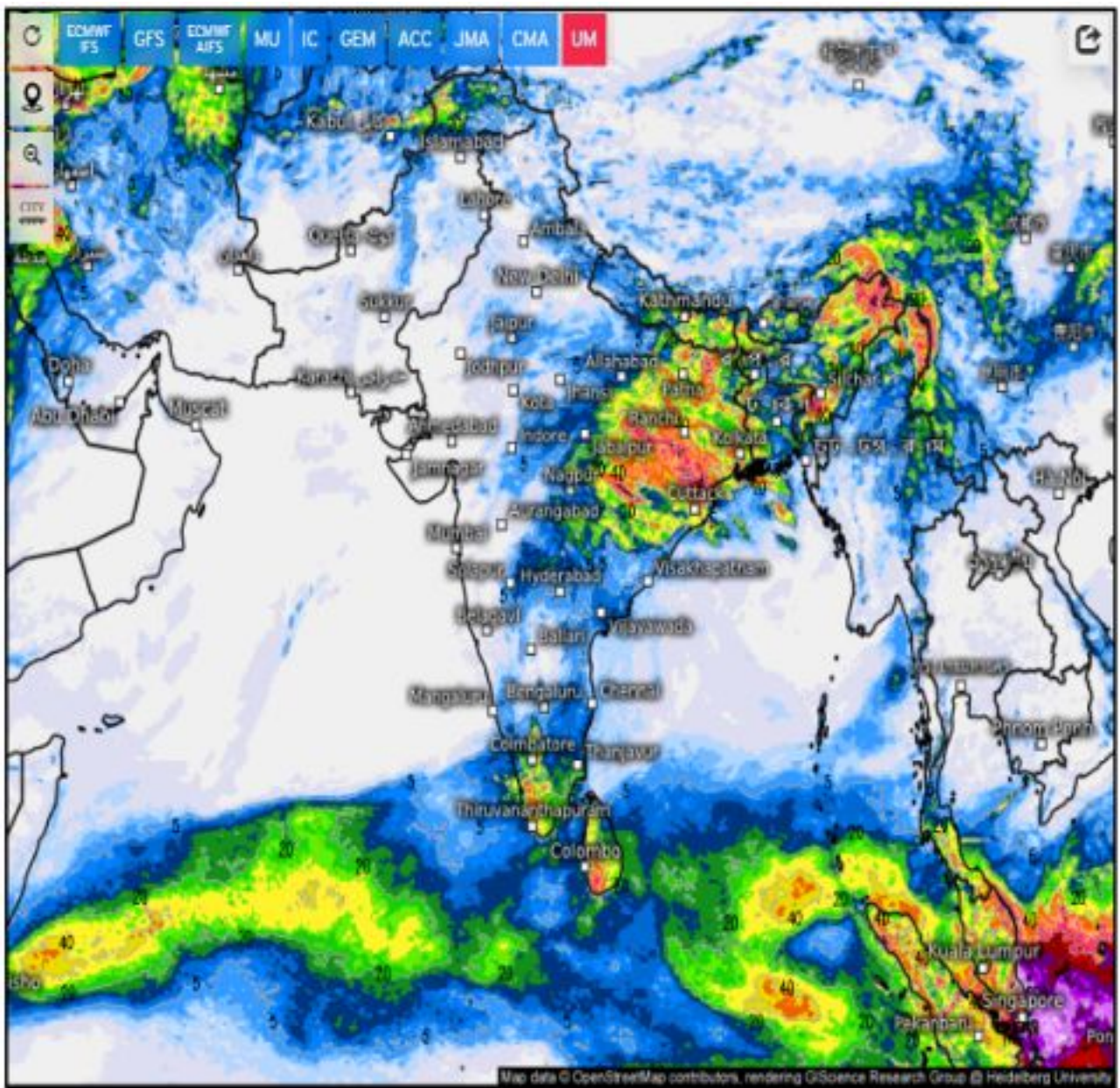
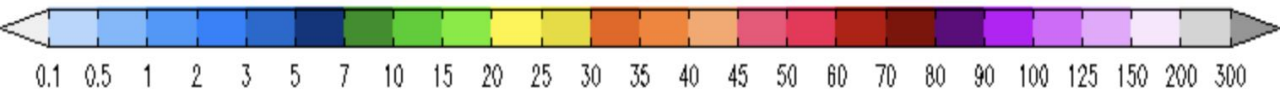
Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University





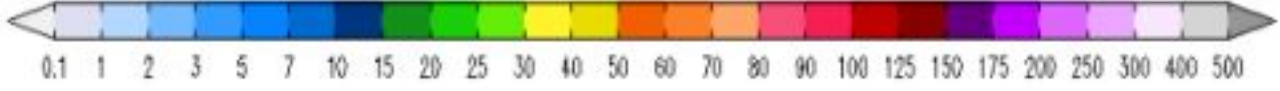
Accumulated Precipitation, 7 days (Satellite) (mm) 

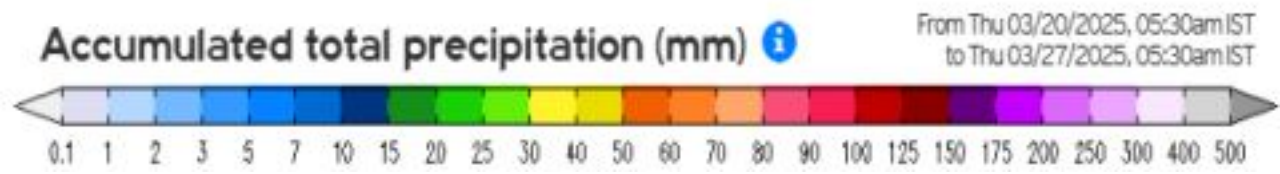
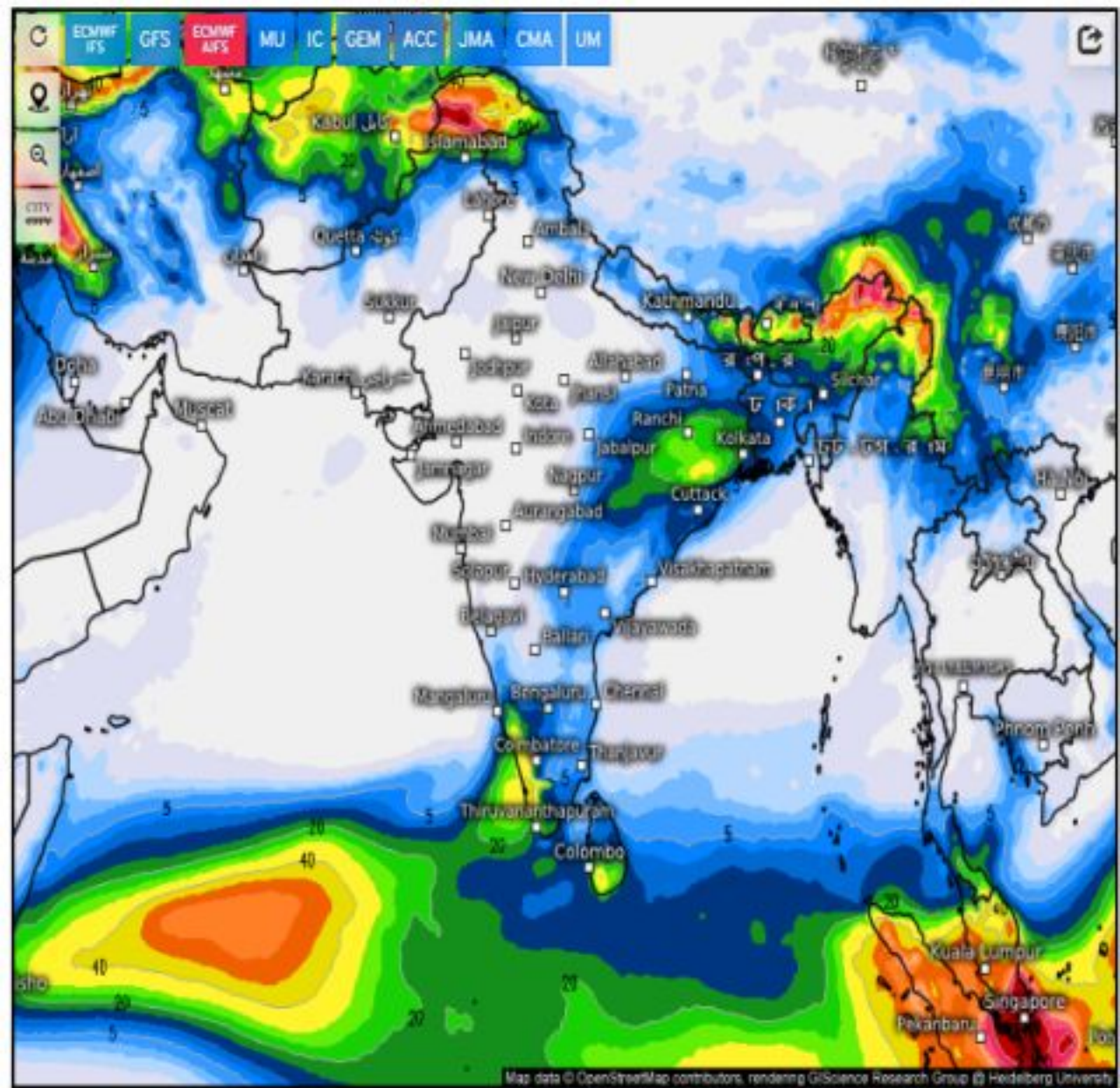
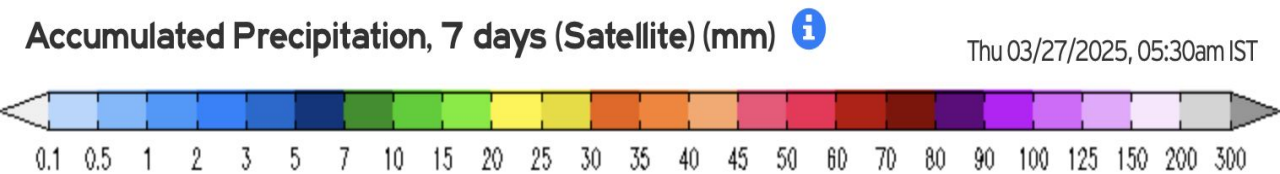
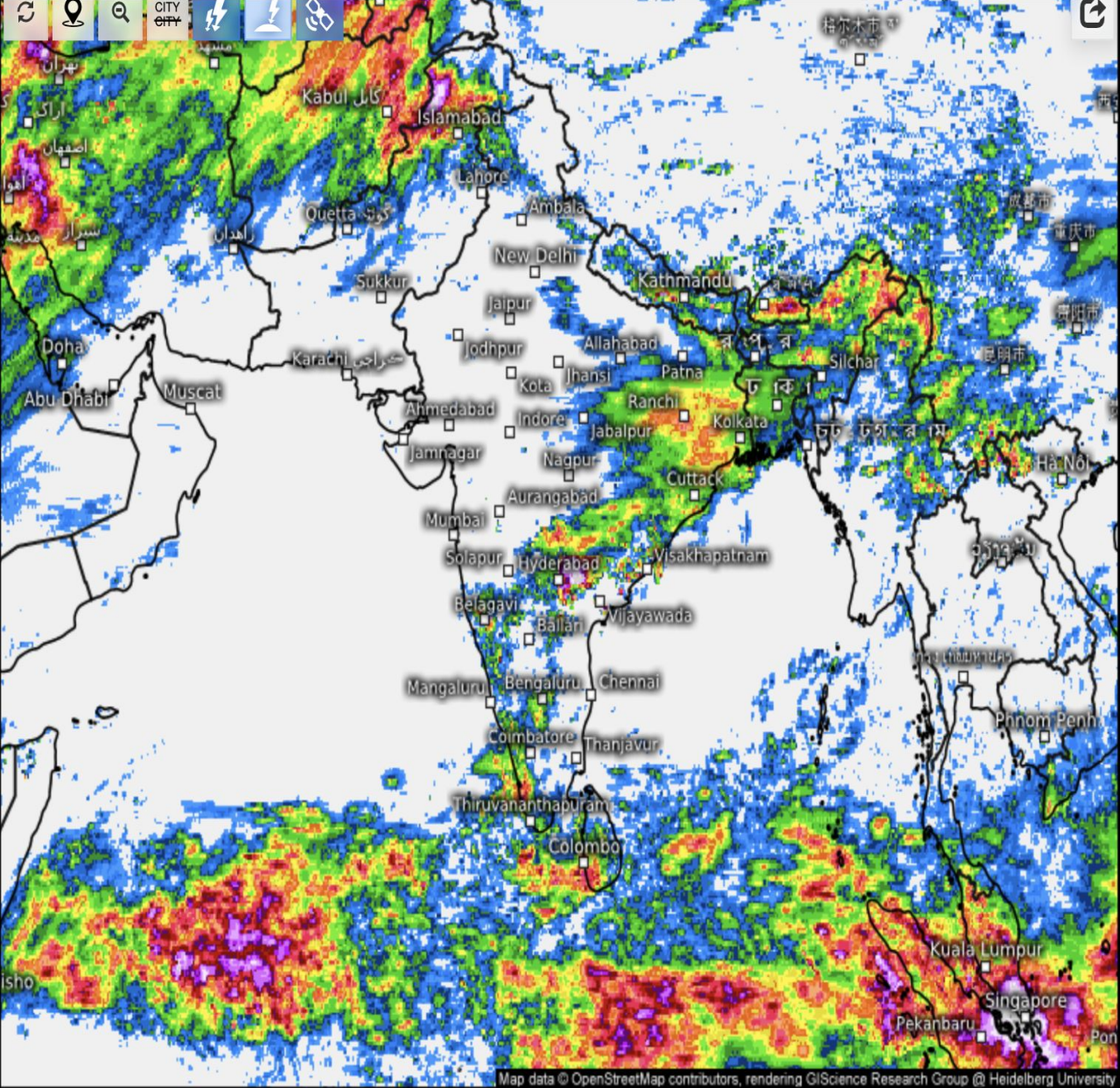
Thu 03/27/2025, 05:30am IST

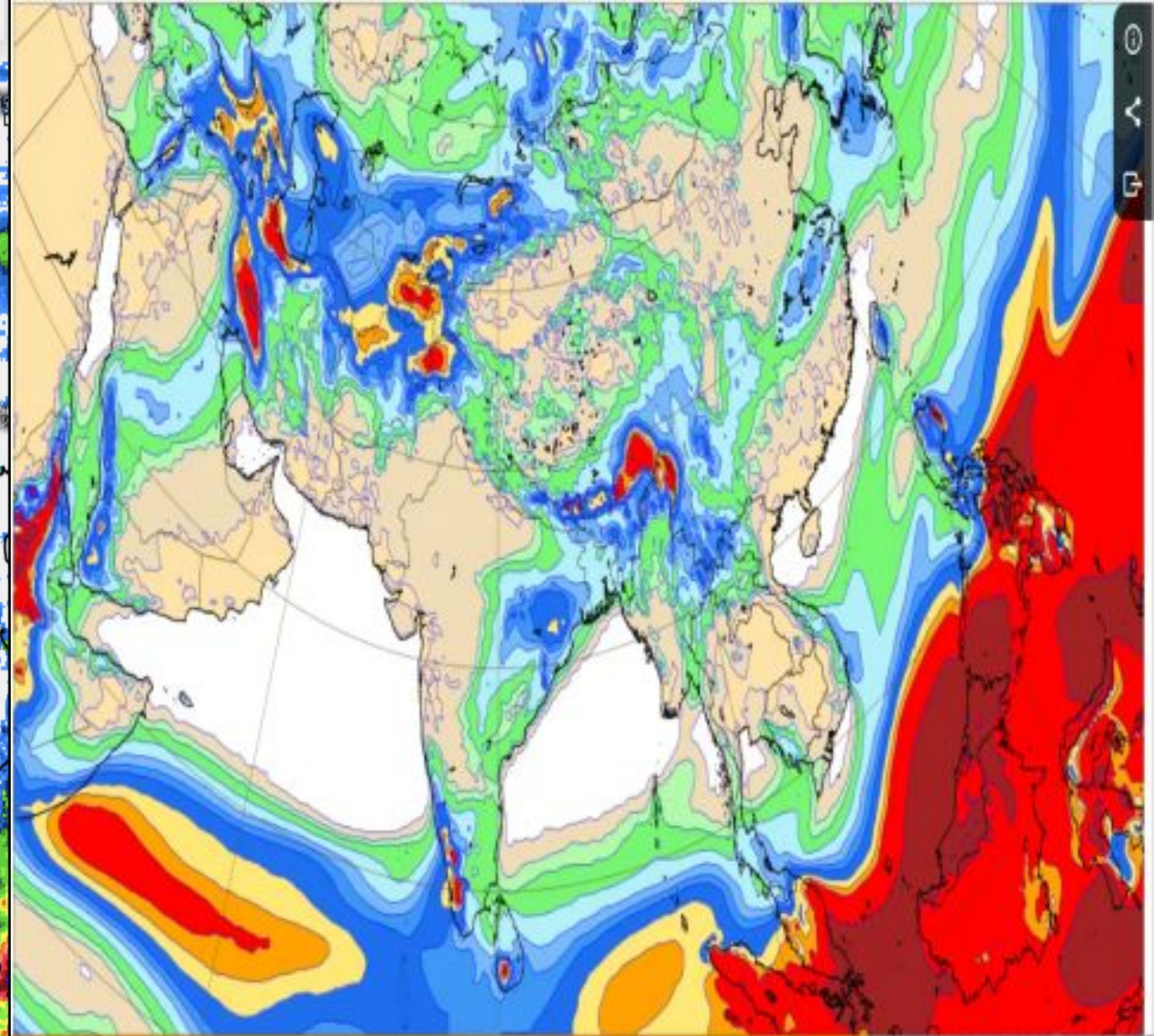
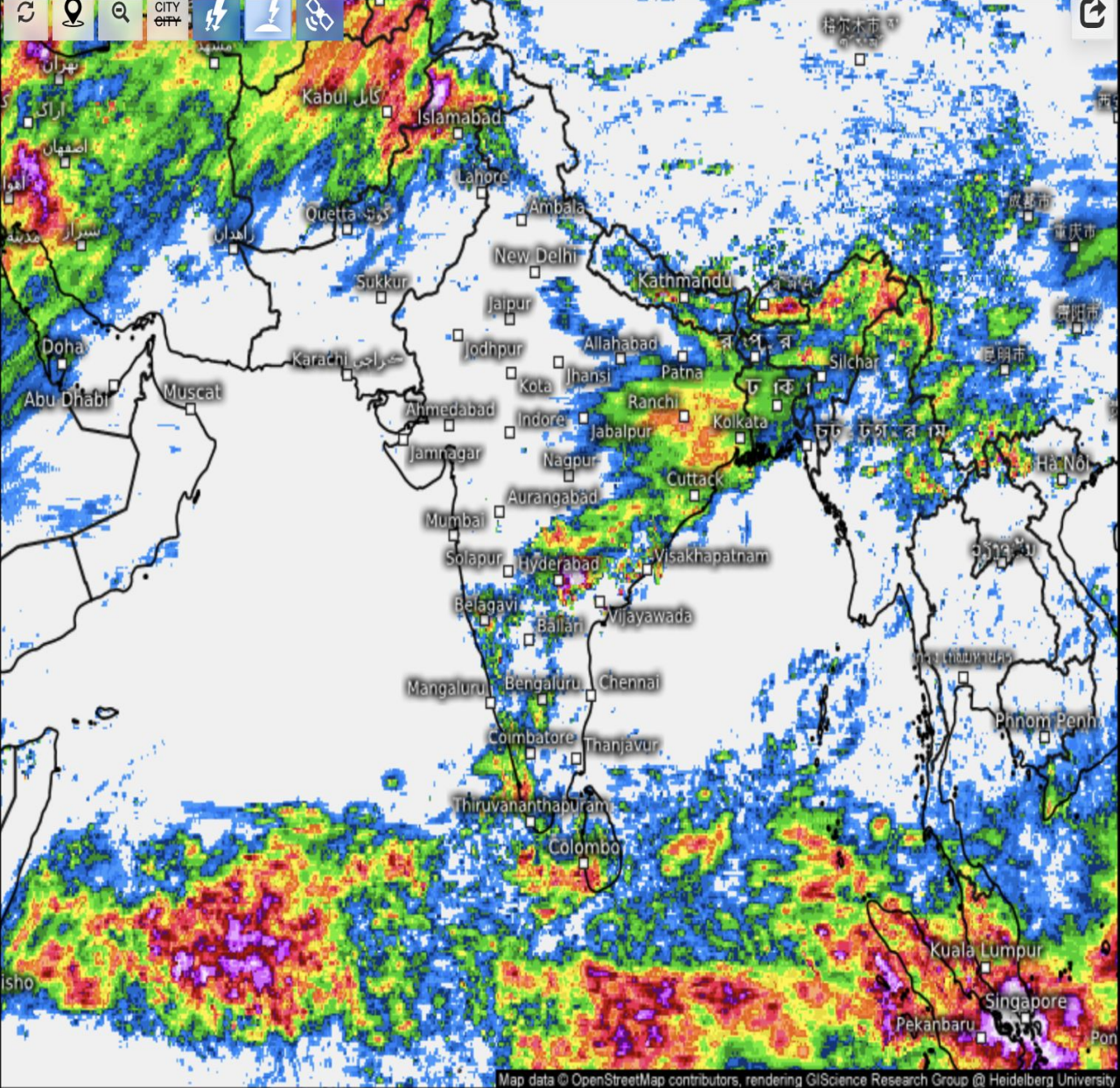


Accumulated total precipitation (mm)

From Wed 03/19/2025, 05:30pm IST
to Thu 03/27/2025, 05:30am IST







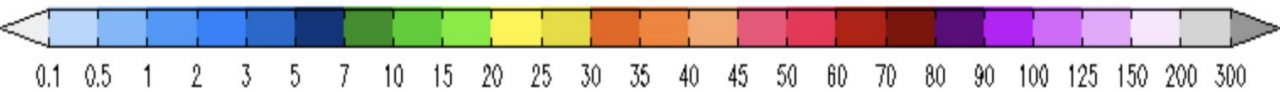
The 27 Mar 2025 00 UTC (T+180)

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

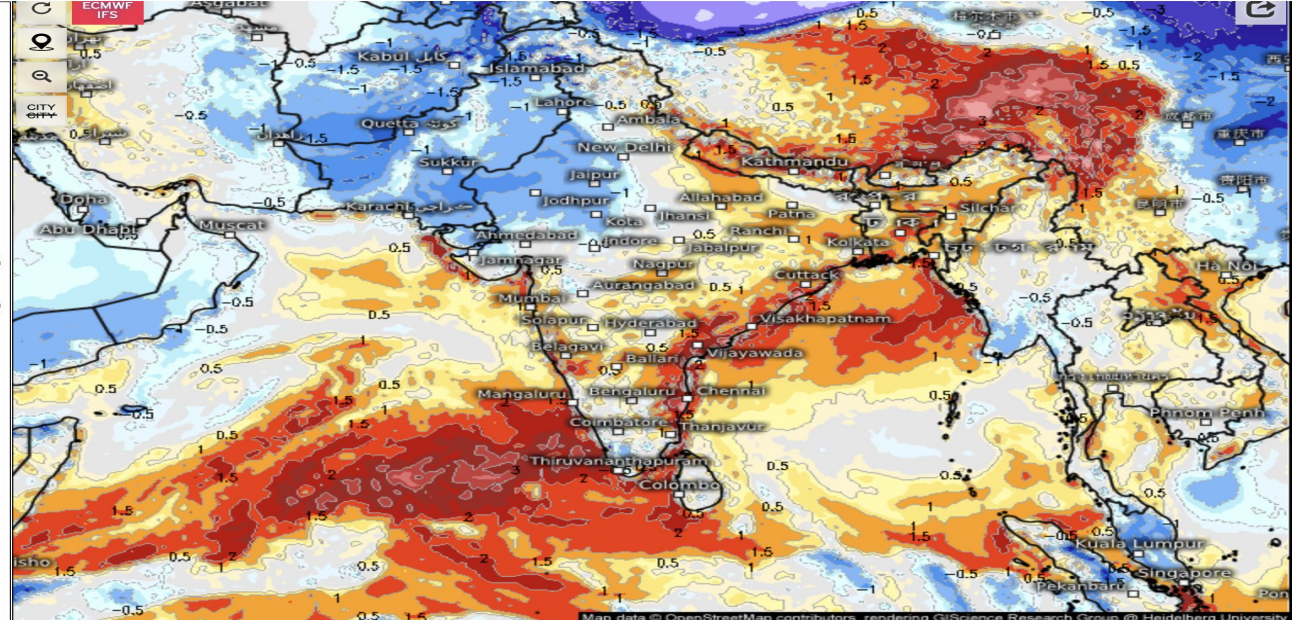
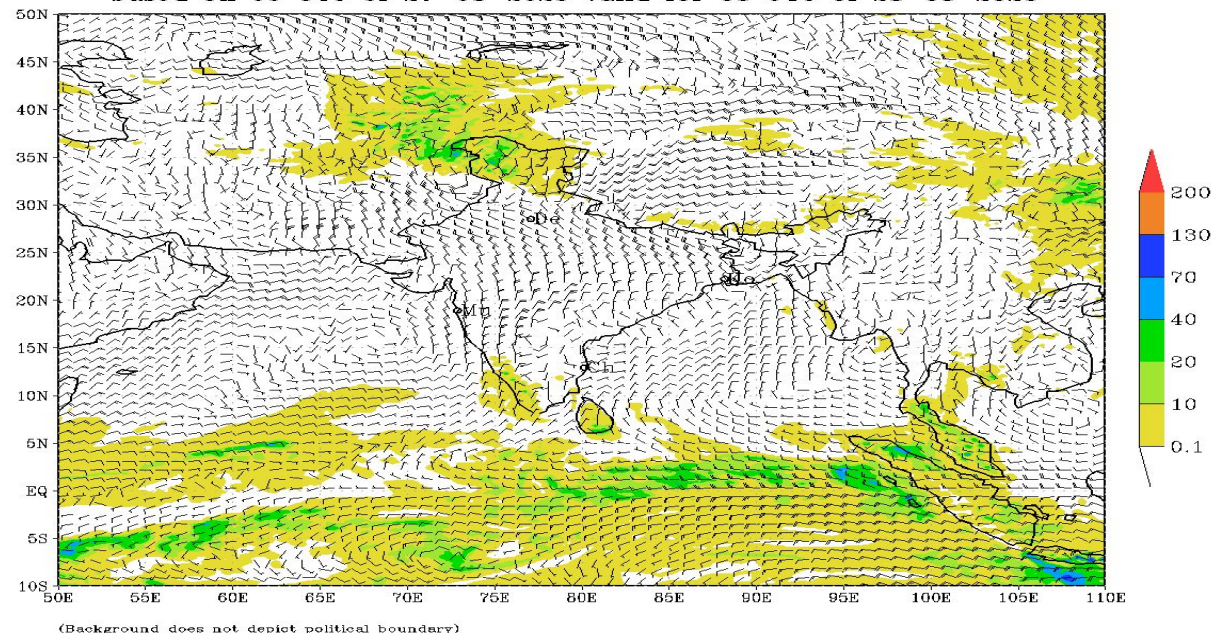


Accumulated Precipitation, 7 days (Satellite) (mm)

Thu 03/27/2025, 05:30am IST

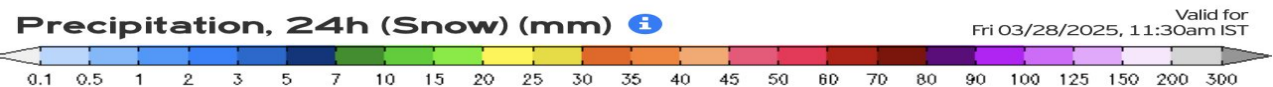
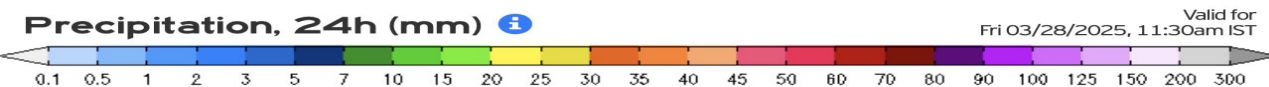
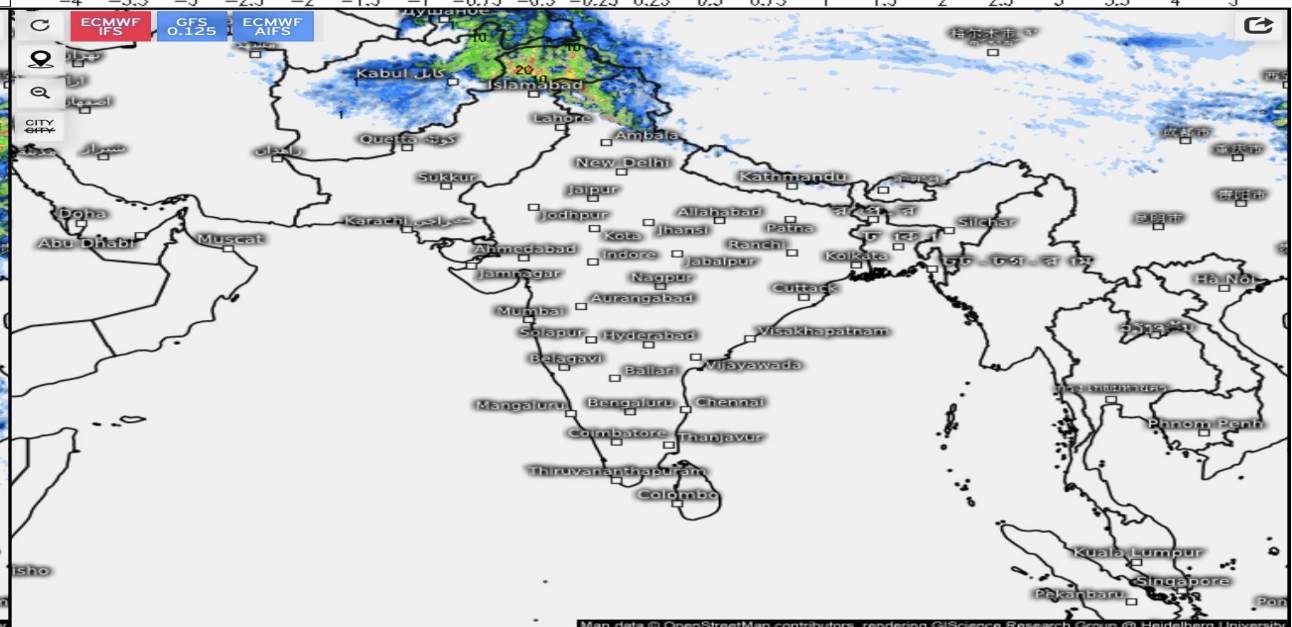
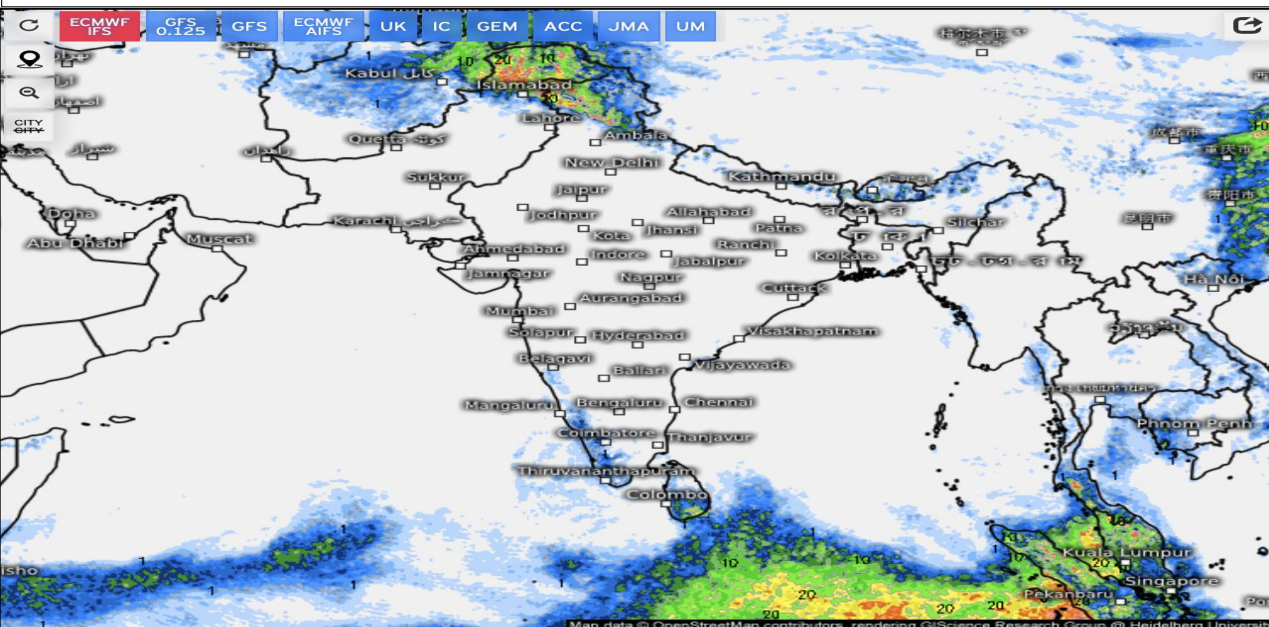


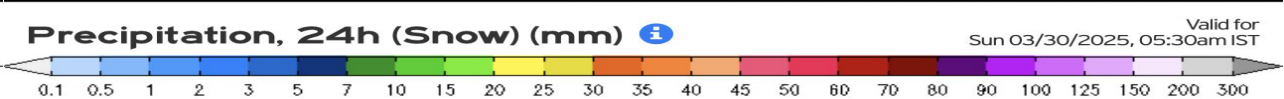
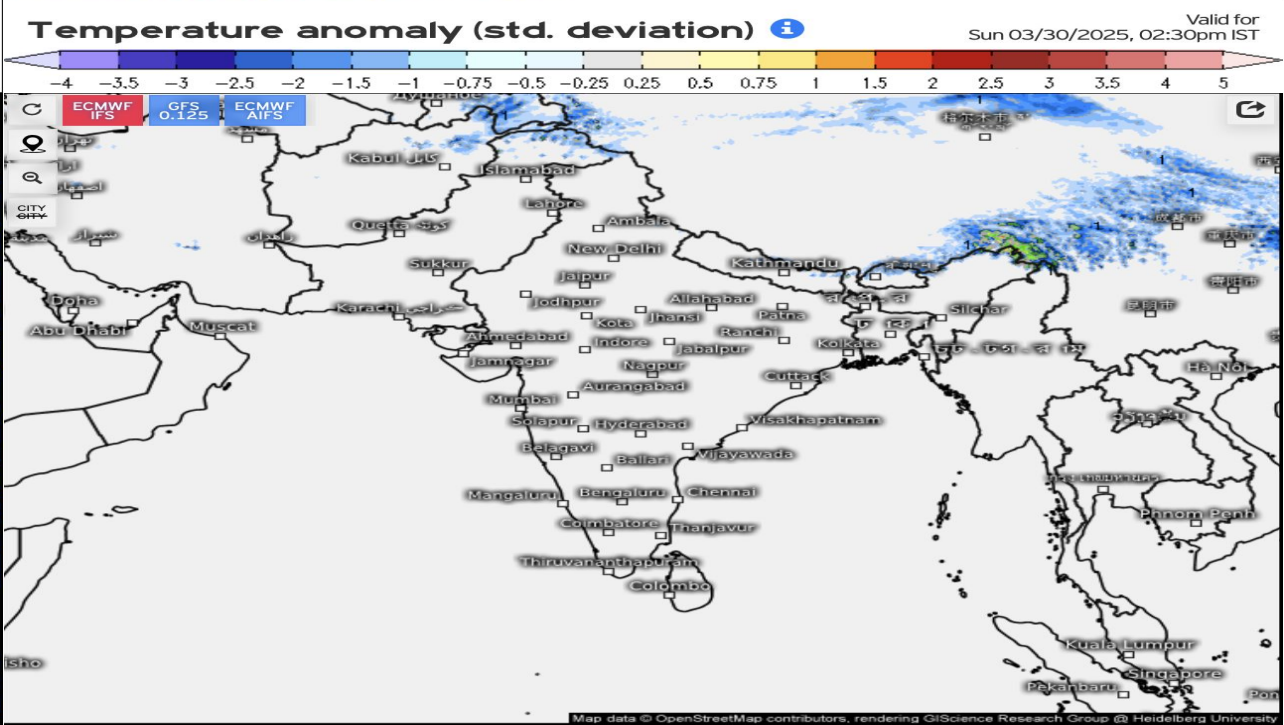
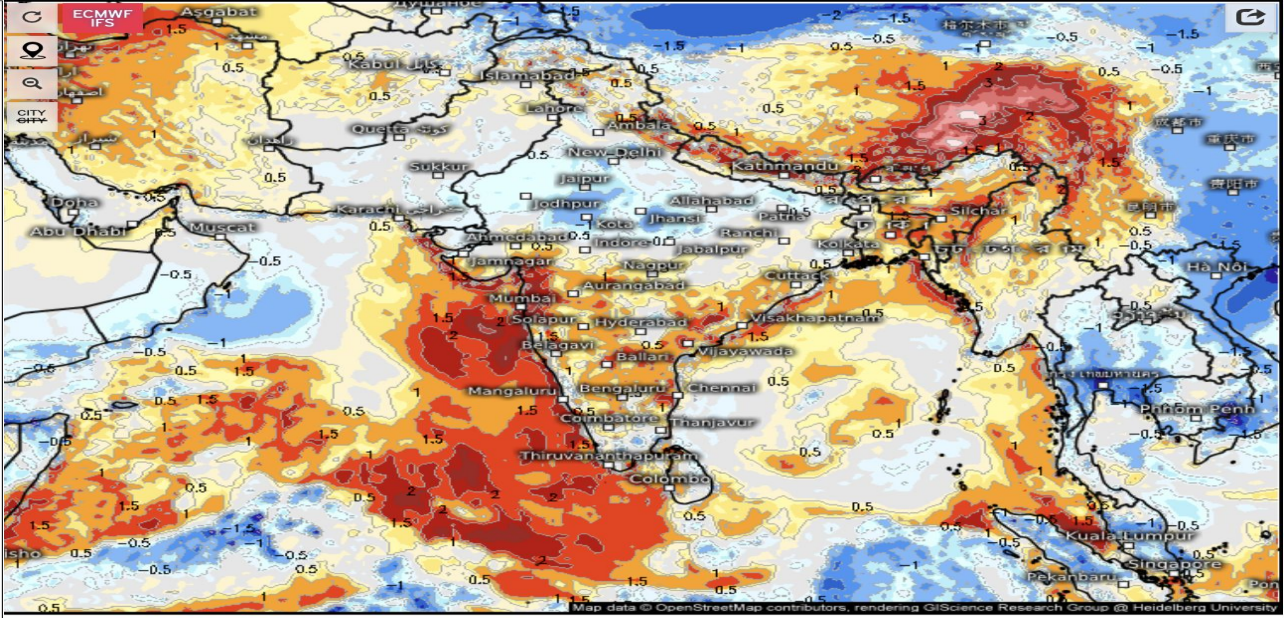
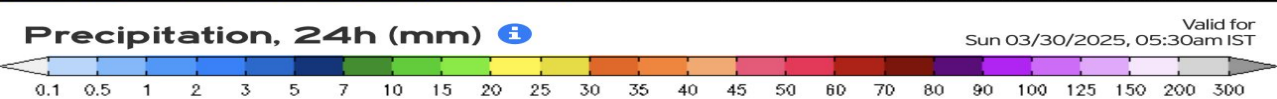
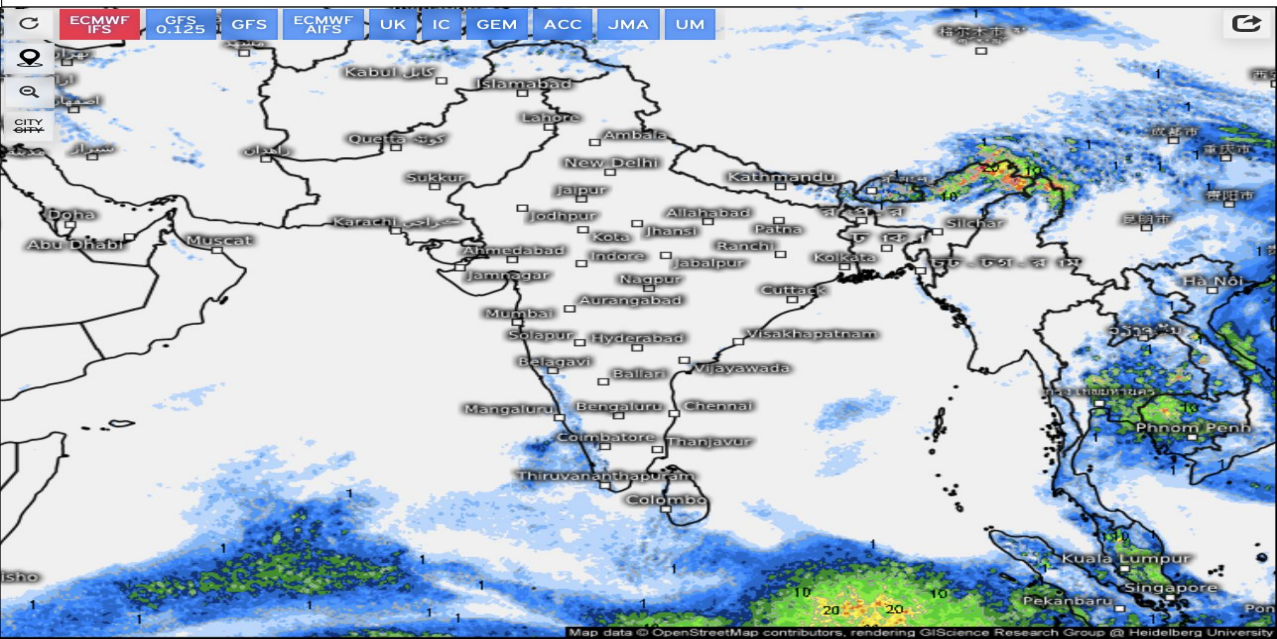
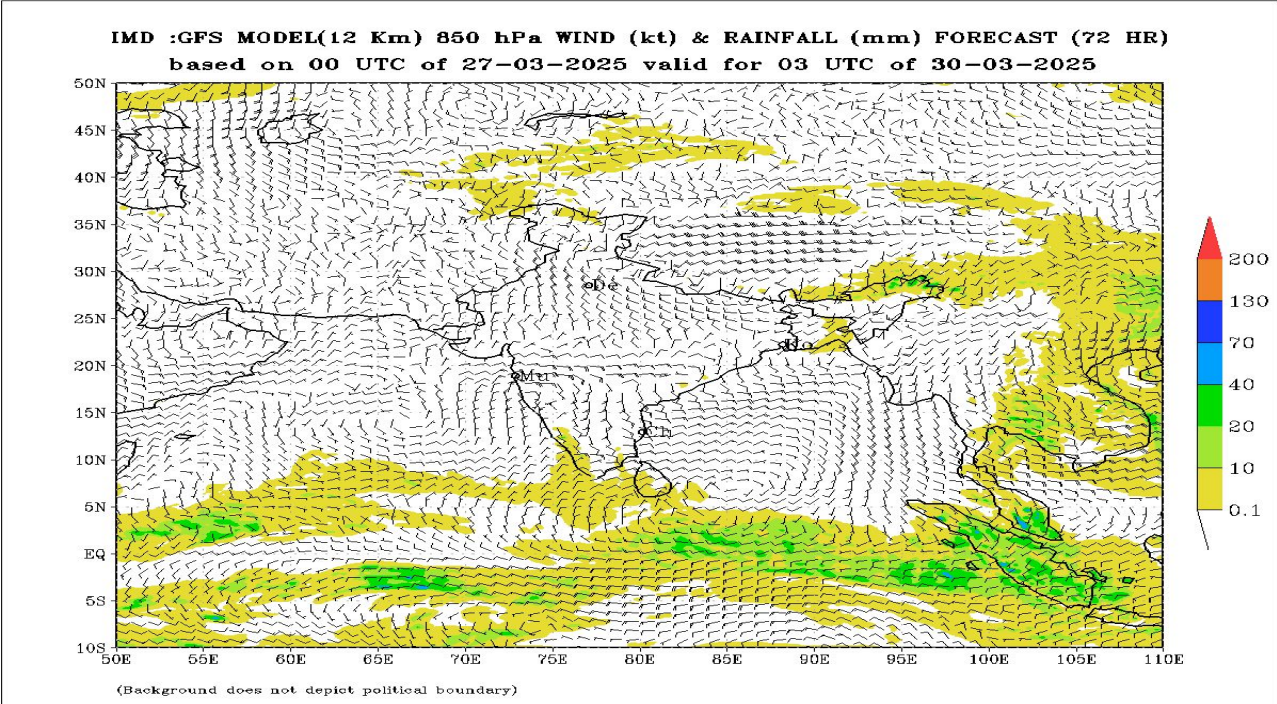
IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (24 HR)
based on 00 UTC of 27-03-2025 valid for 03 UTC of 28-03-2025



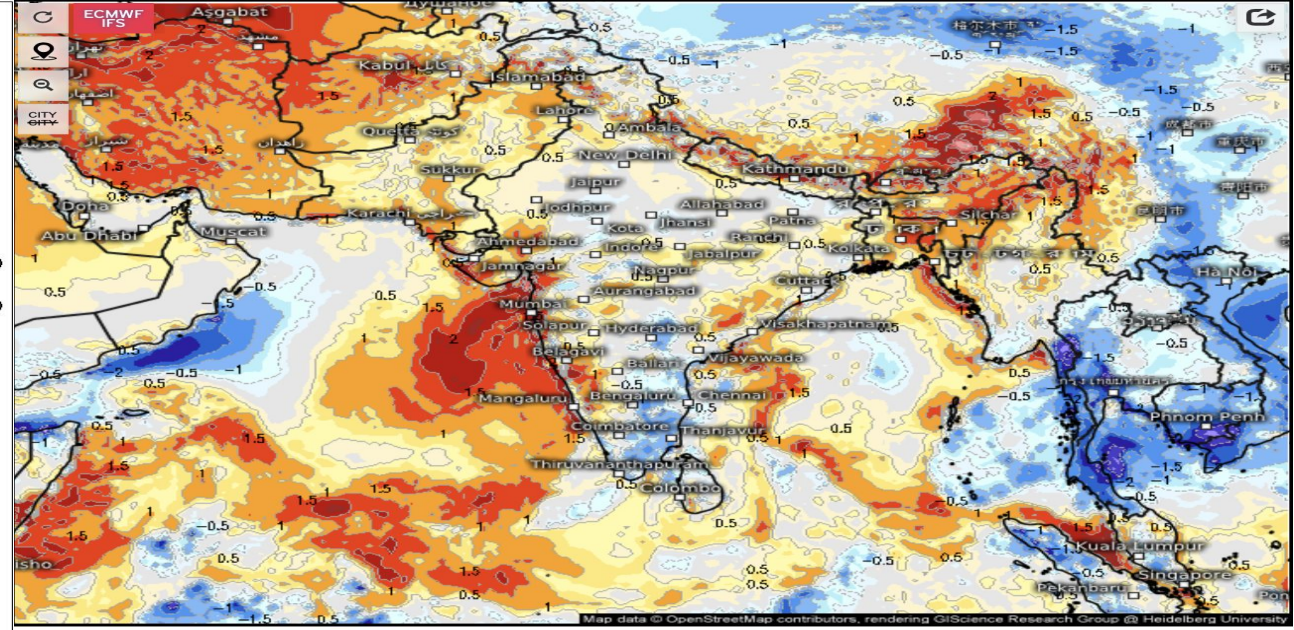
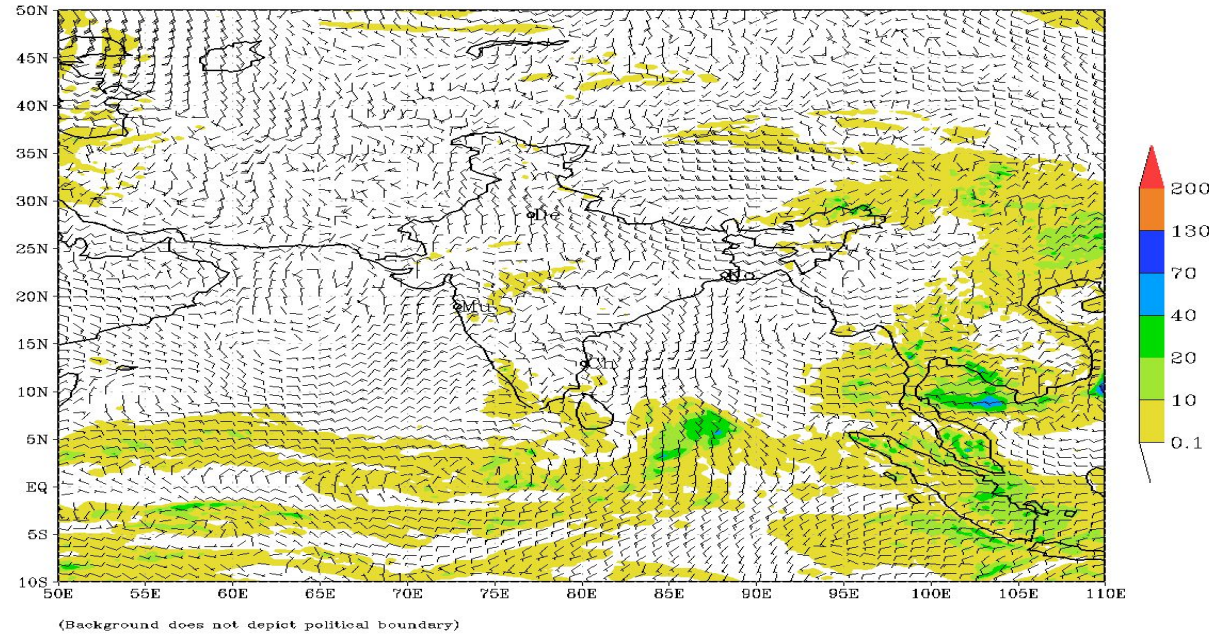
Temperature anomaly (std. deviation) [i](#)

Valid for
Fri 03/28/2025, 02:30pm IST



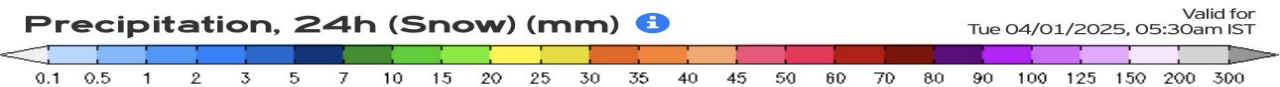
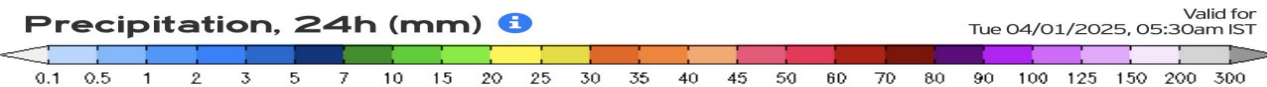
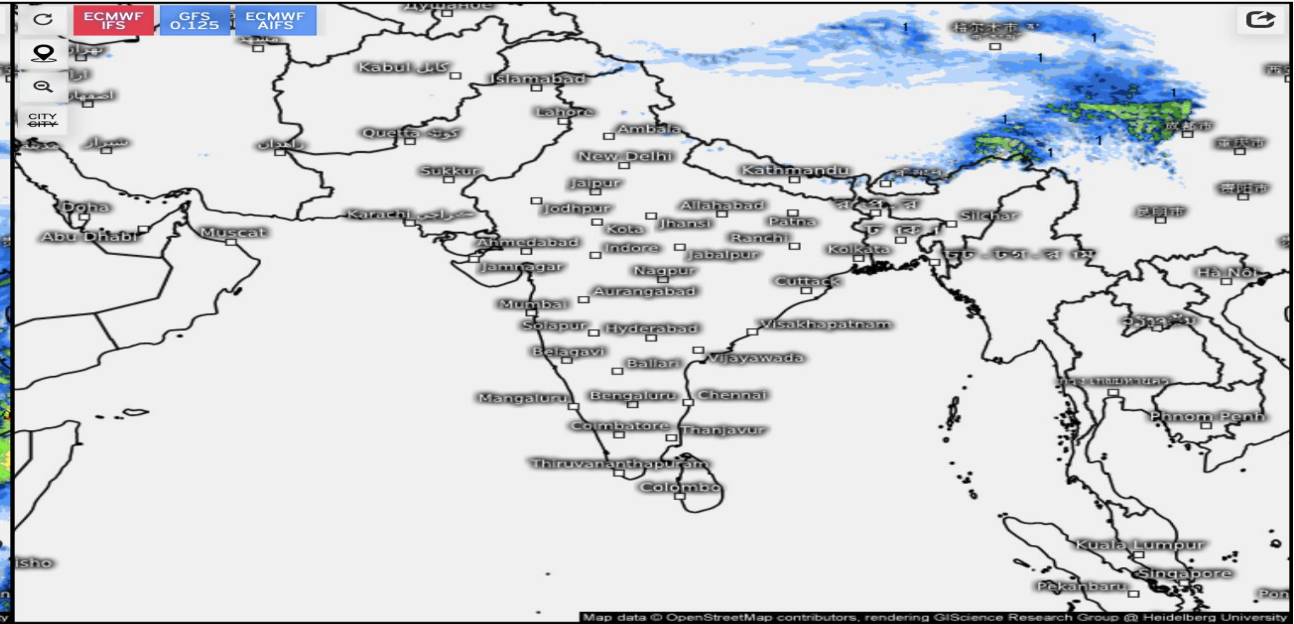
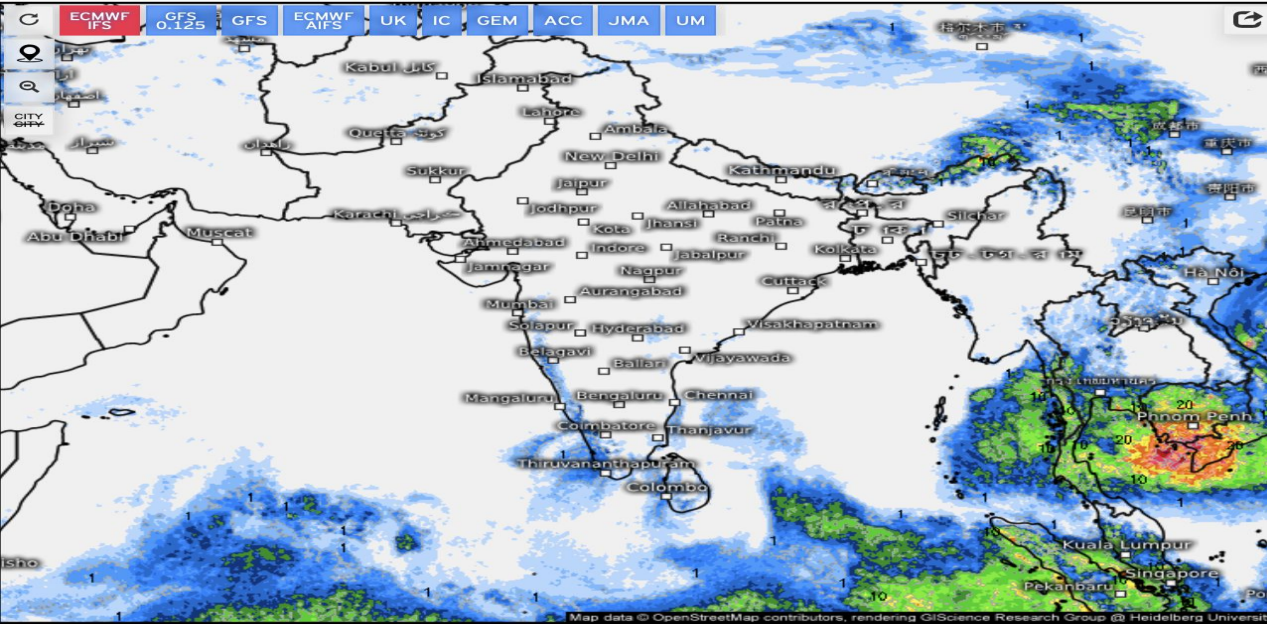


IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (120 HR)
based on 00 UTC of 27-03-2025 valid for 03 UTC of 01-04-2025

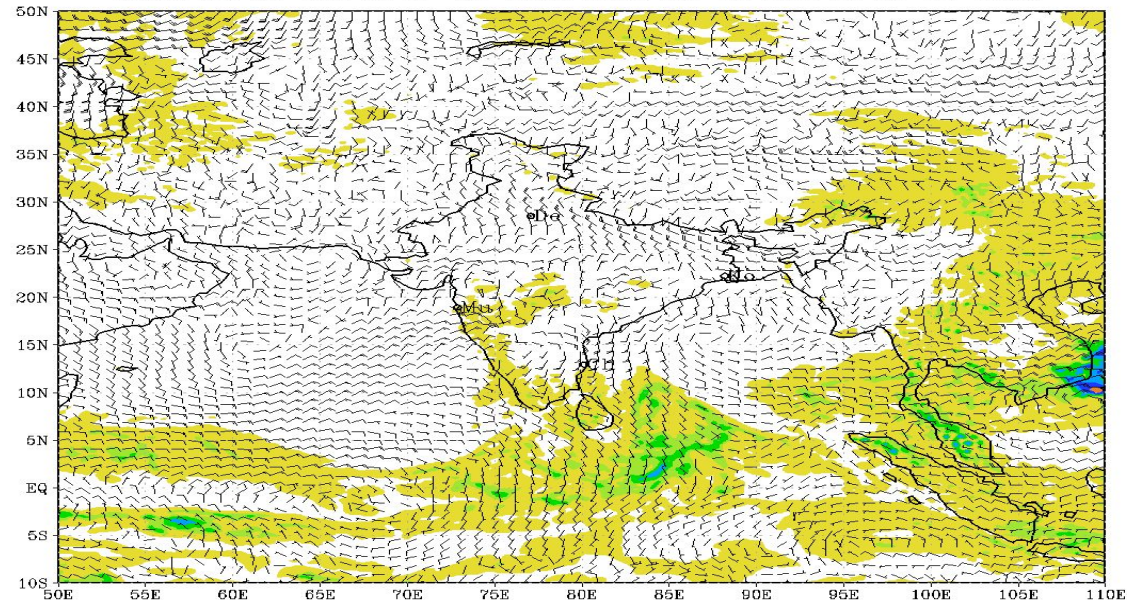


Temperature anomaly (std. deviation)

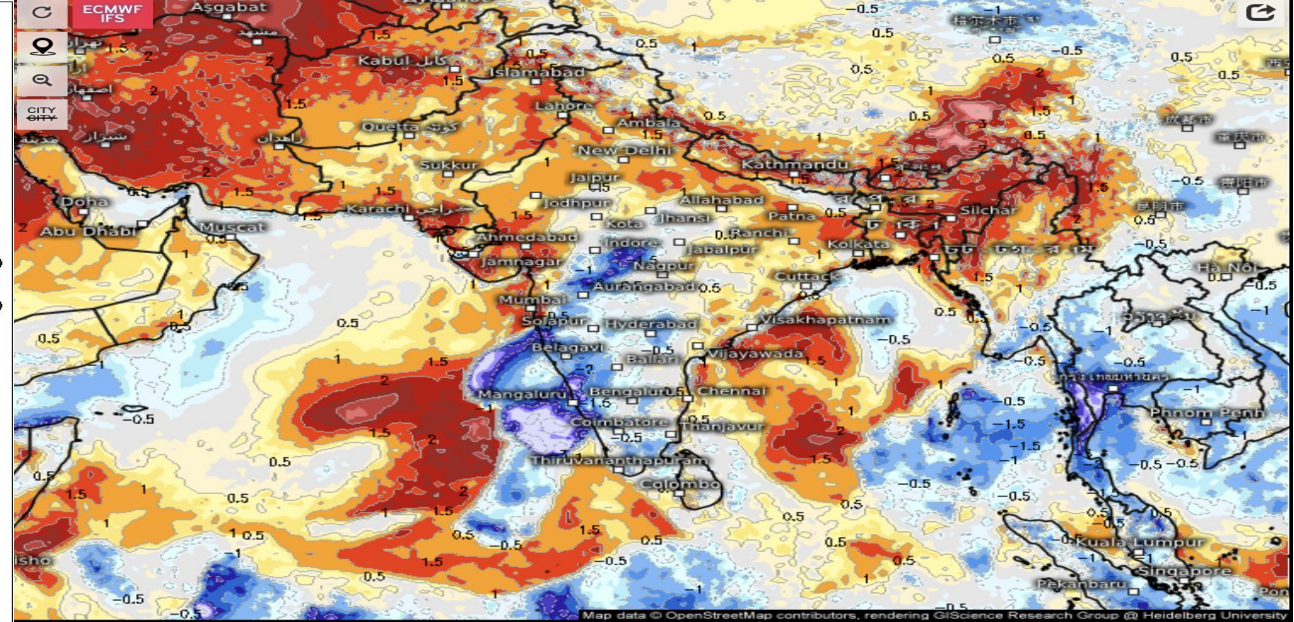
Valid for
Tue 04/01/2025, 02:30pm IST



IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (144 HR)
based on 00 UTC of 27-03-2025 valid for 03 UTC of 02-04-2025

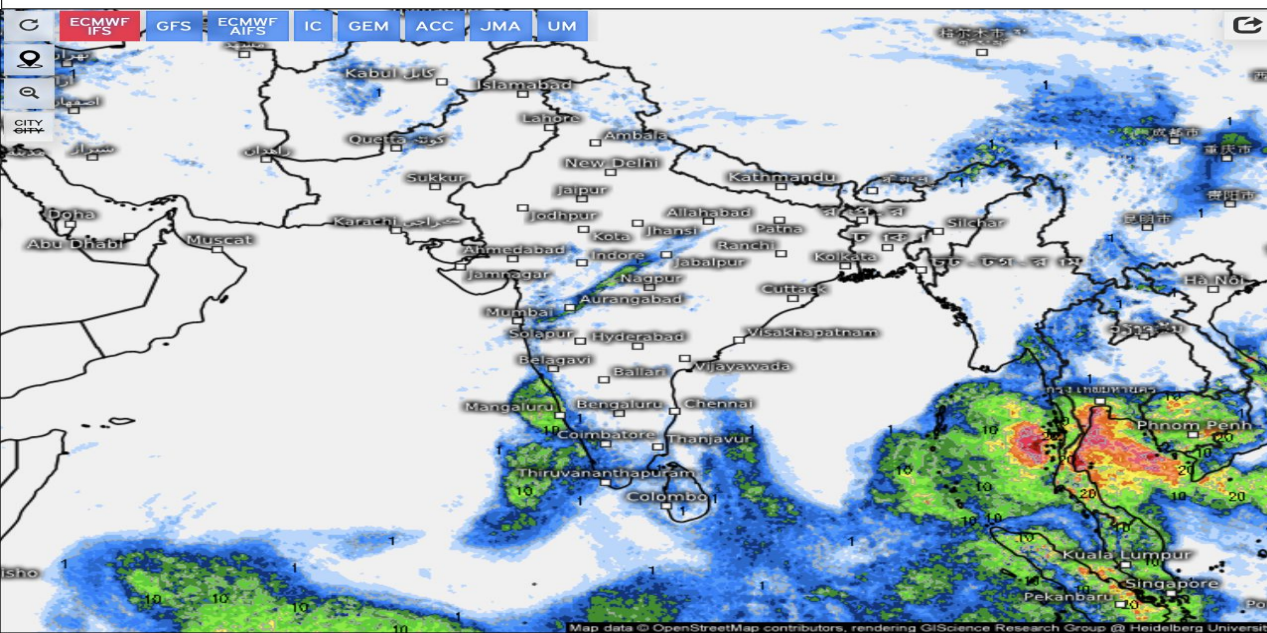


(Background does not depict political boundary)



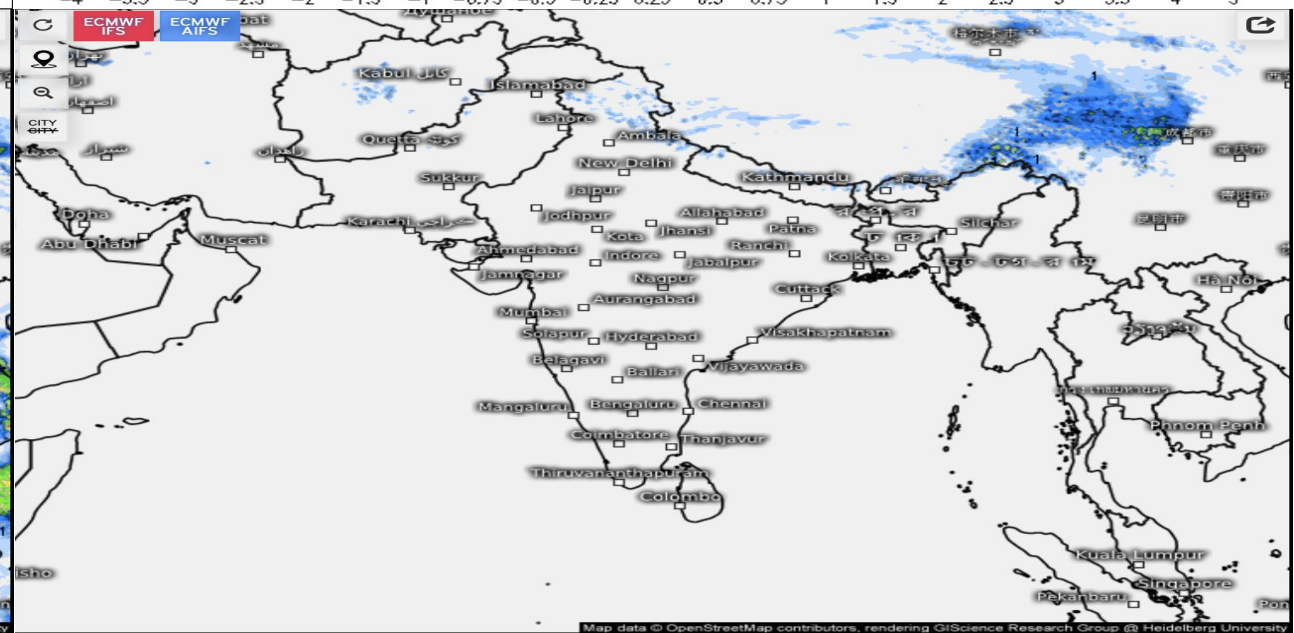
Temperature anomaly (std. deviation) ⓘ

Valid for
Thu 04/03/2025, 11:30am IST



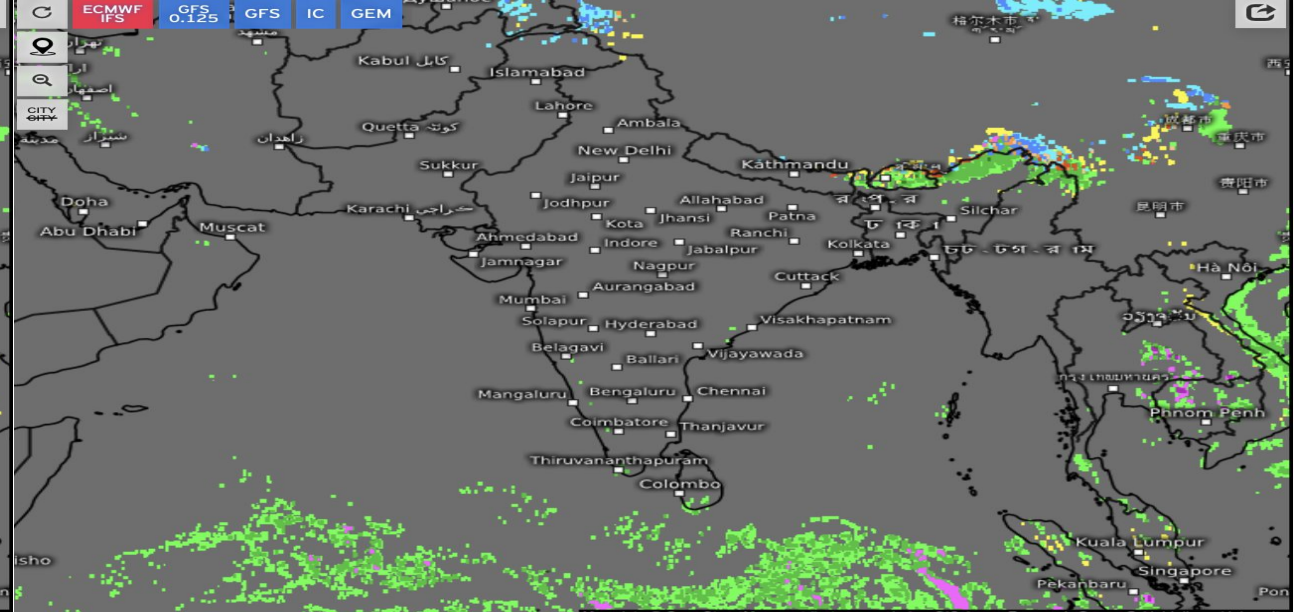
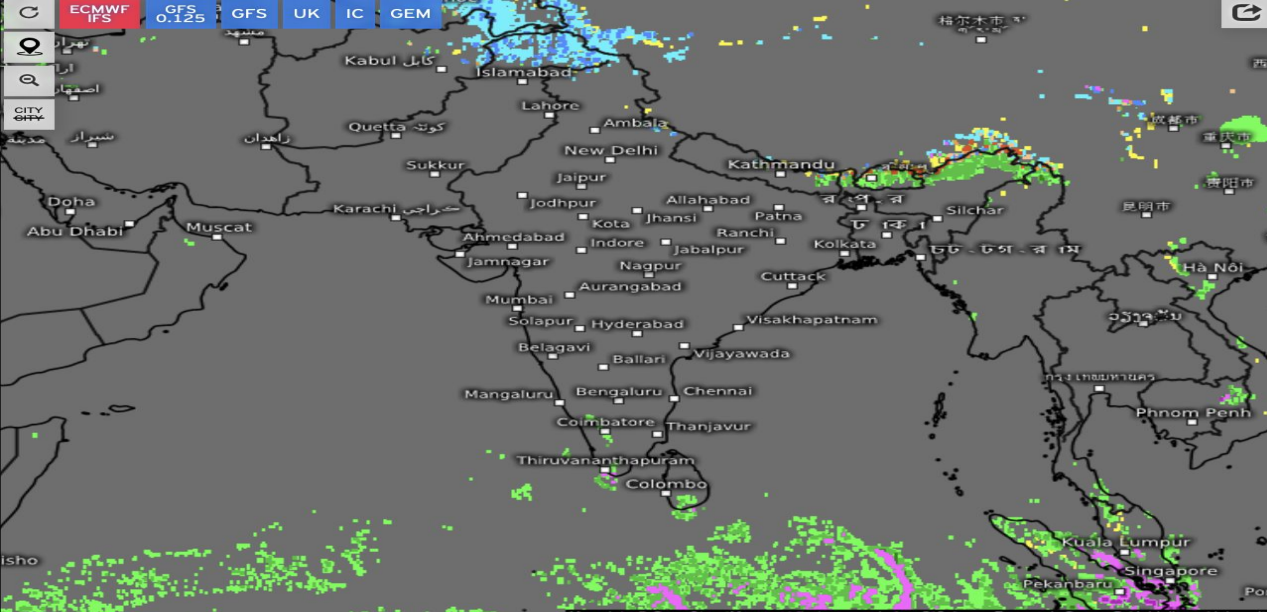
Precipitation, 24h (mm) ⓘ

Valid for
Thu 04/03/2025, 05:30am IST

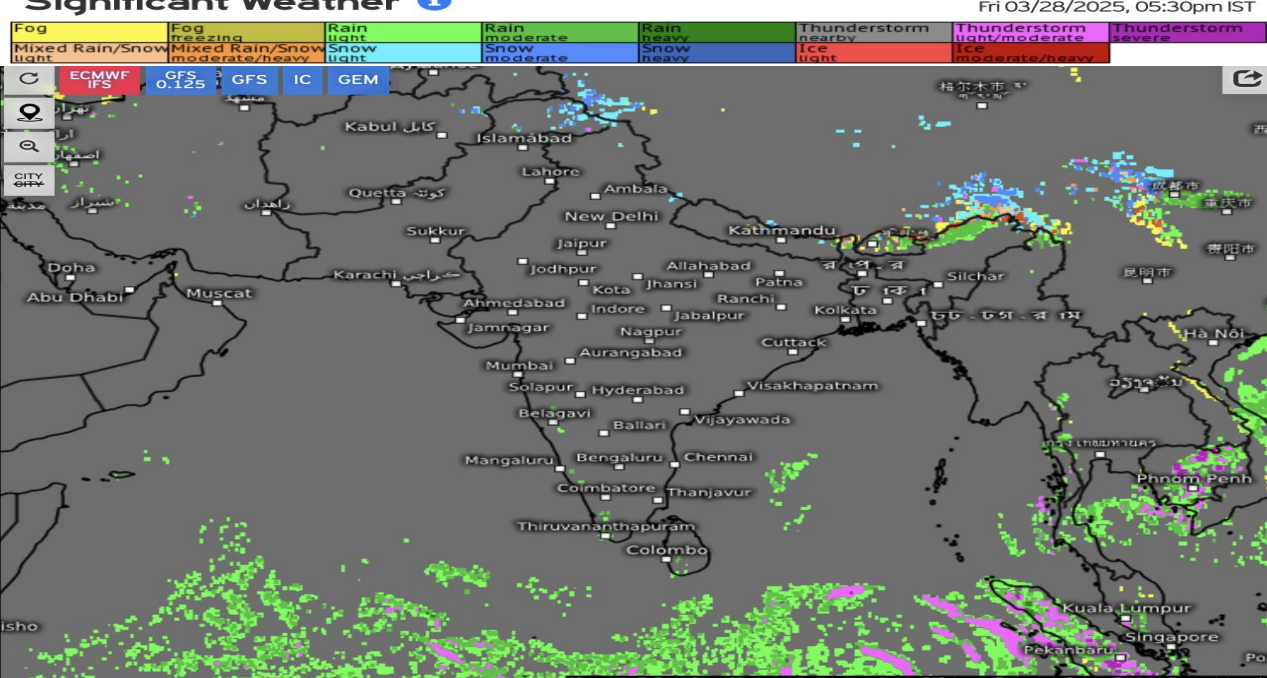


Precipitation, 24h (Snow) (mm) ⓘ

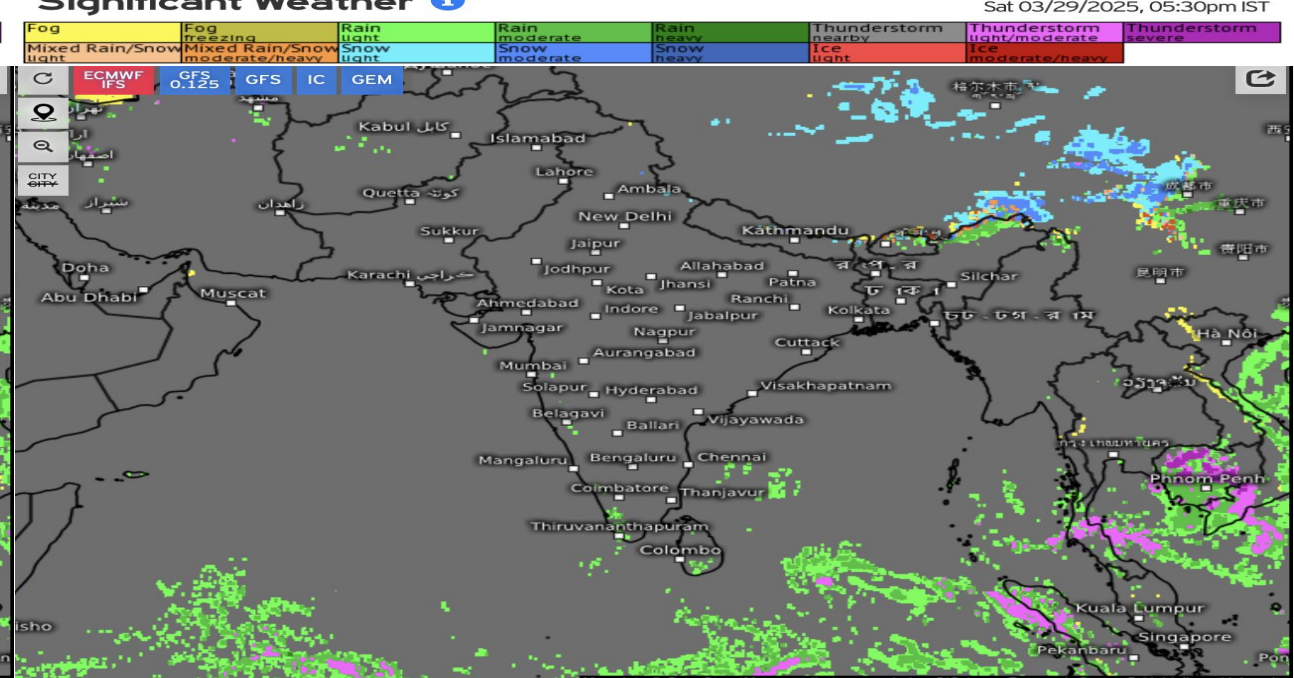
Valid for
Thu 04/03/2025, 05:30am IST



Significant Weather Valid for Fri 03/28/2025, 05:30pm IST



Significant Weather Valid for Sat 03/29/2025, 05:30pm IST

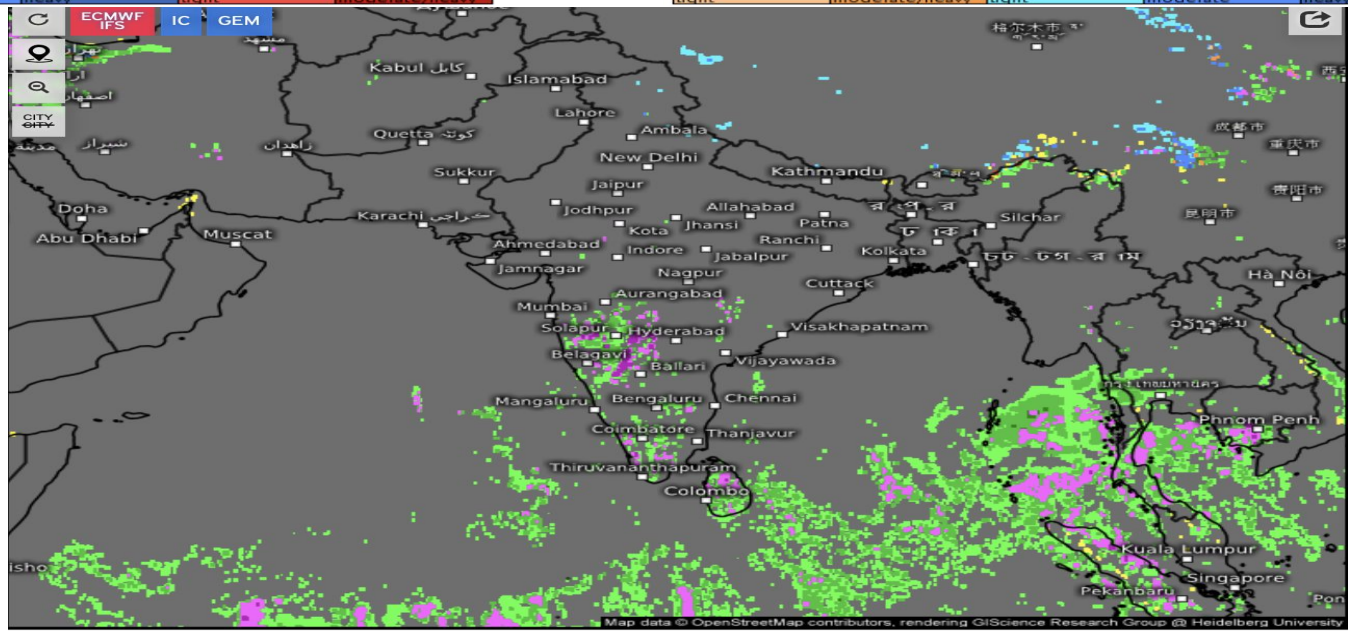
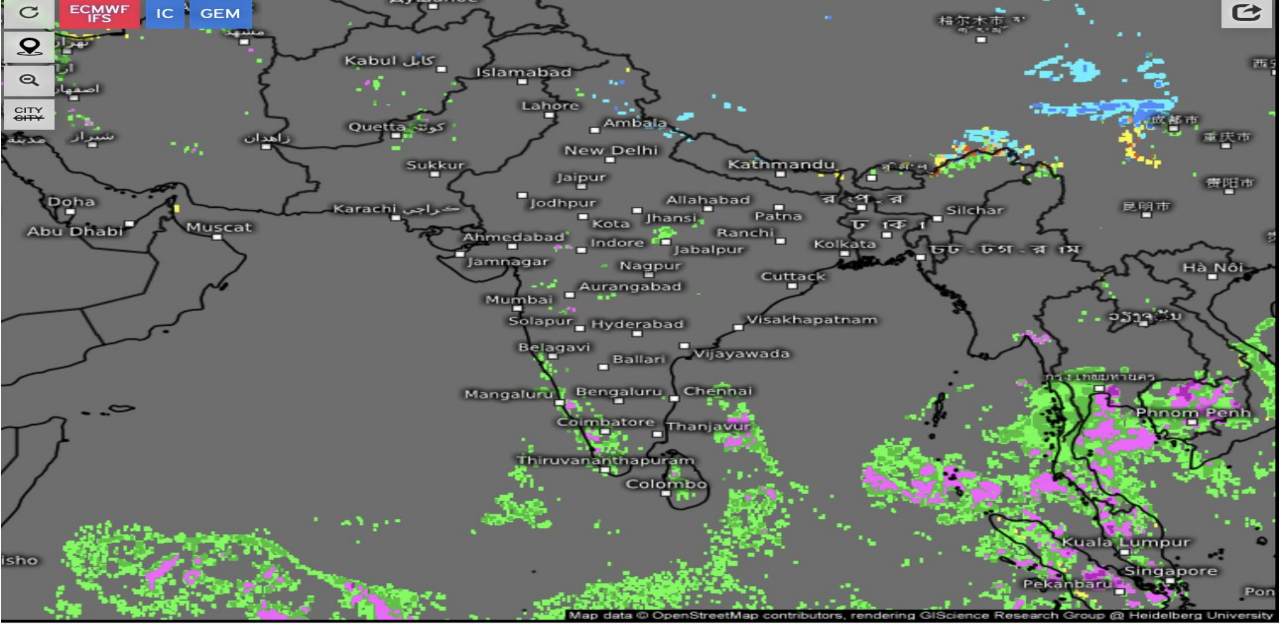
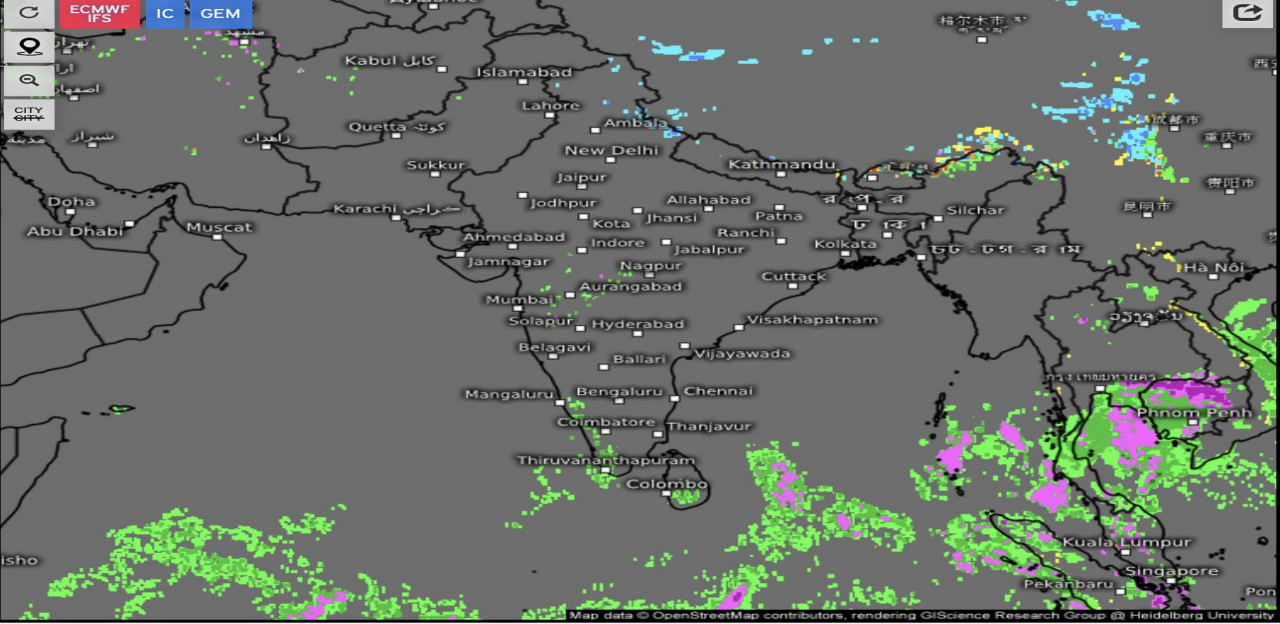


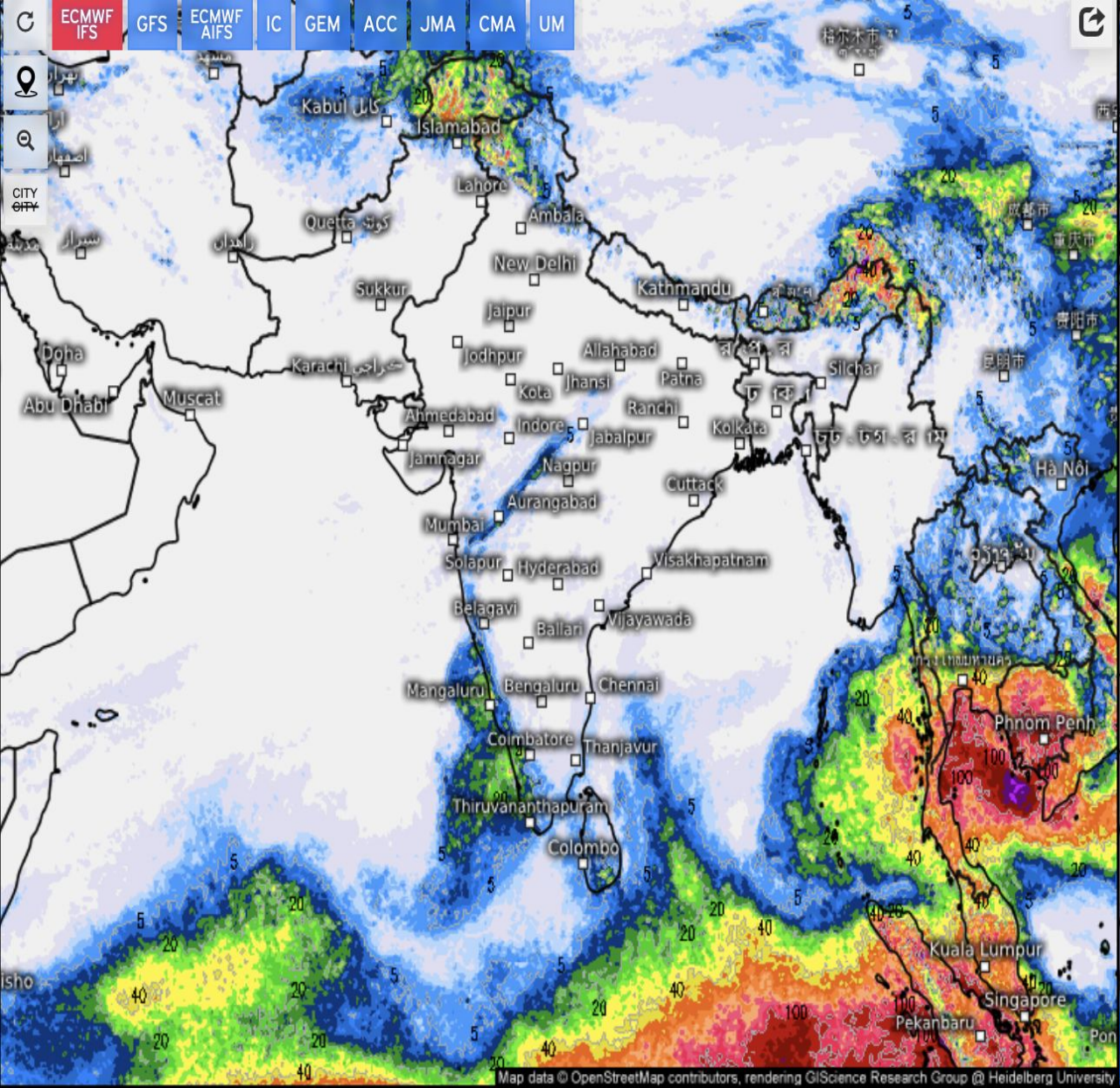
Significant Weather Valid for Sun 03/30/2025, 05:30pm IST



Significant Weather Valid for Mon 03/31/2025, 05:30pm IST

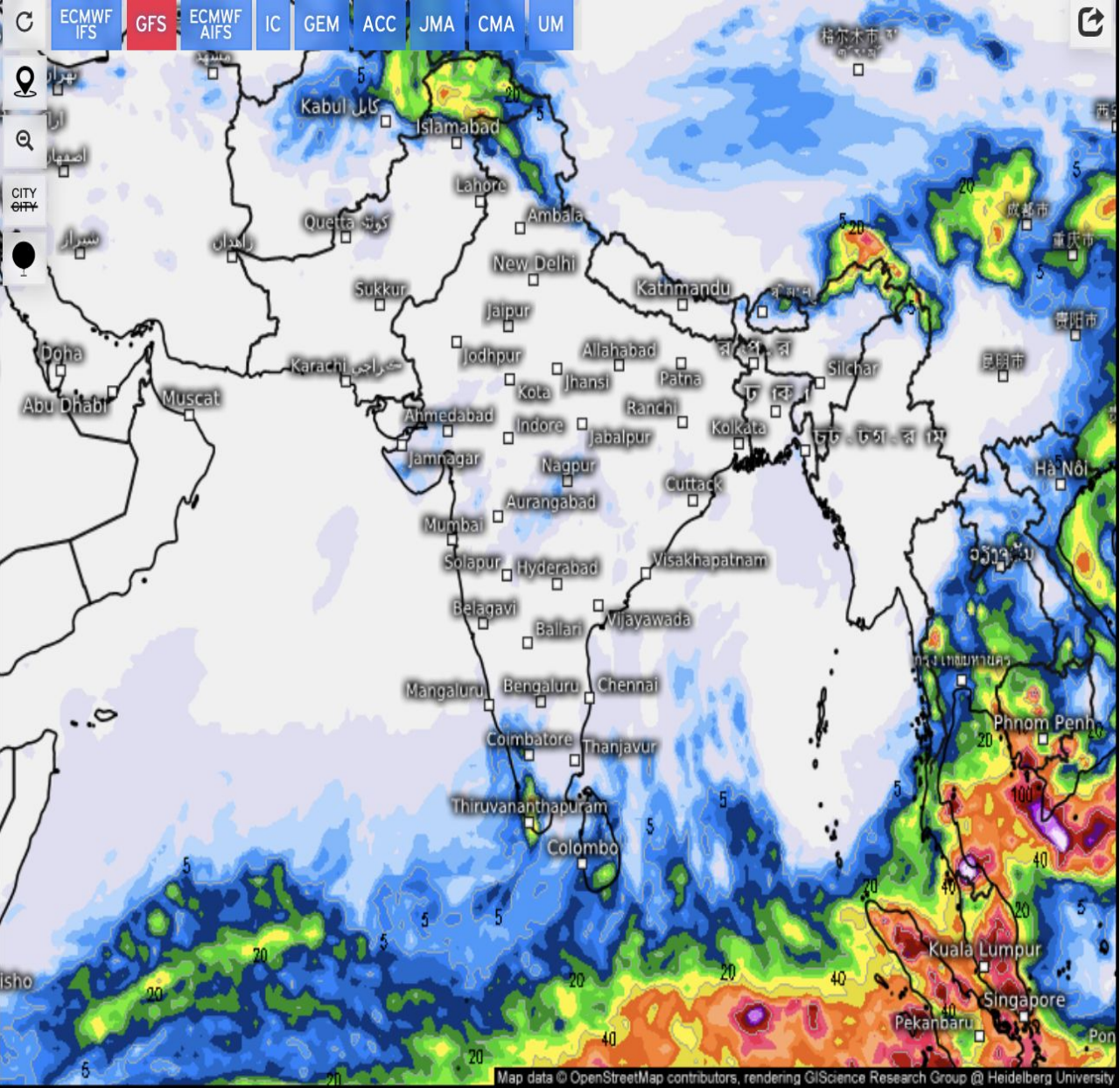
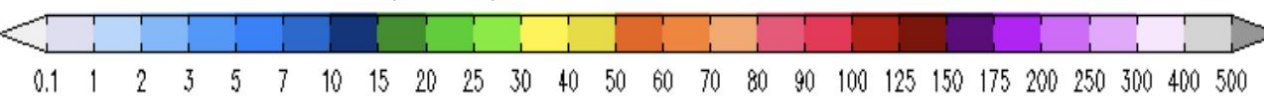






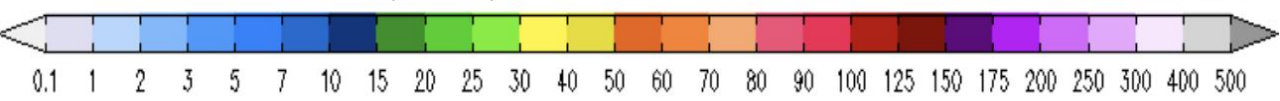
Accumulated total precipitation (mm)

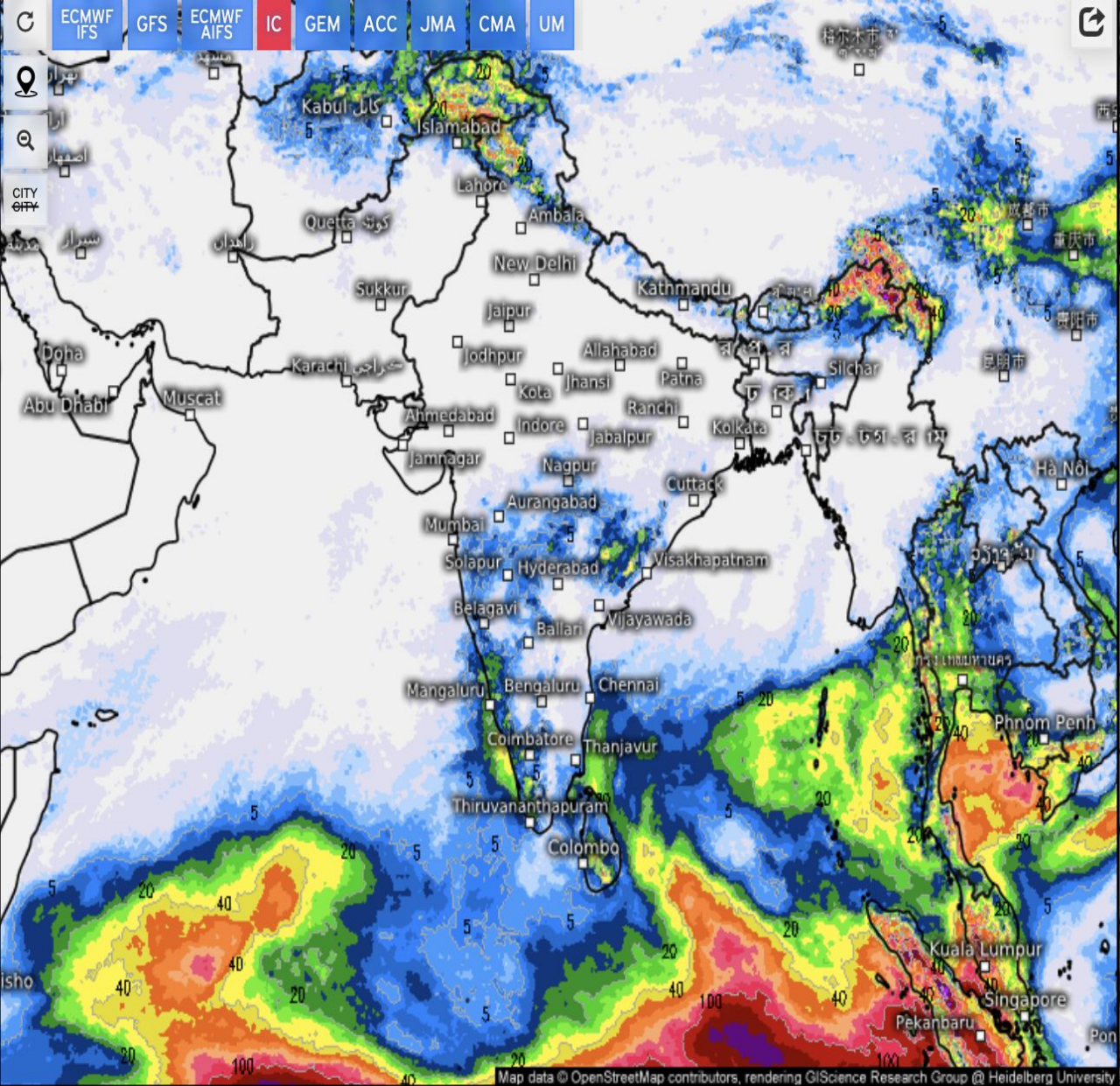
From Thu 03/27/2025, 05:30am IST
to Thu 04/03/2025, 05:30am IST



Accumulated total precipitation (mm)

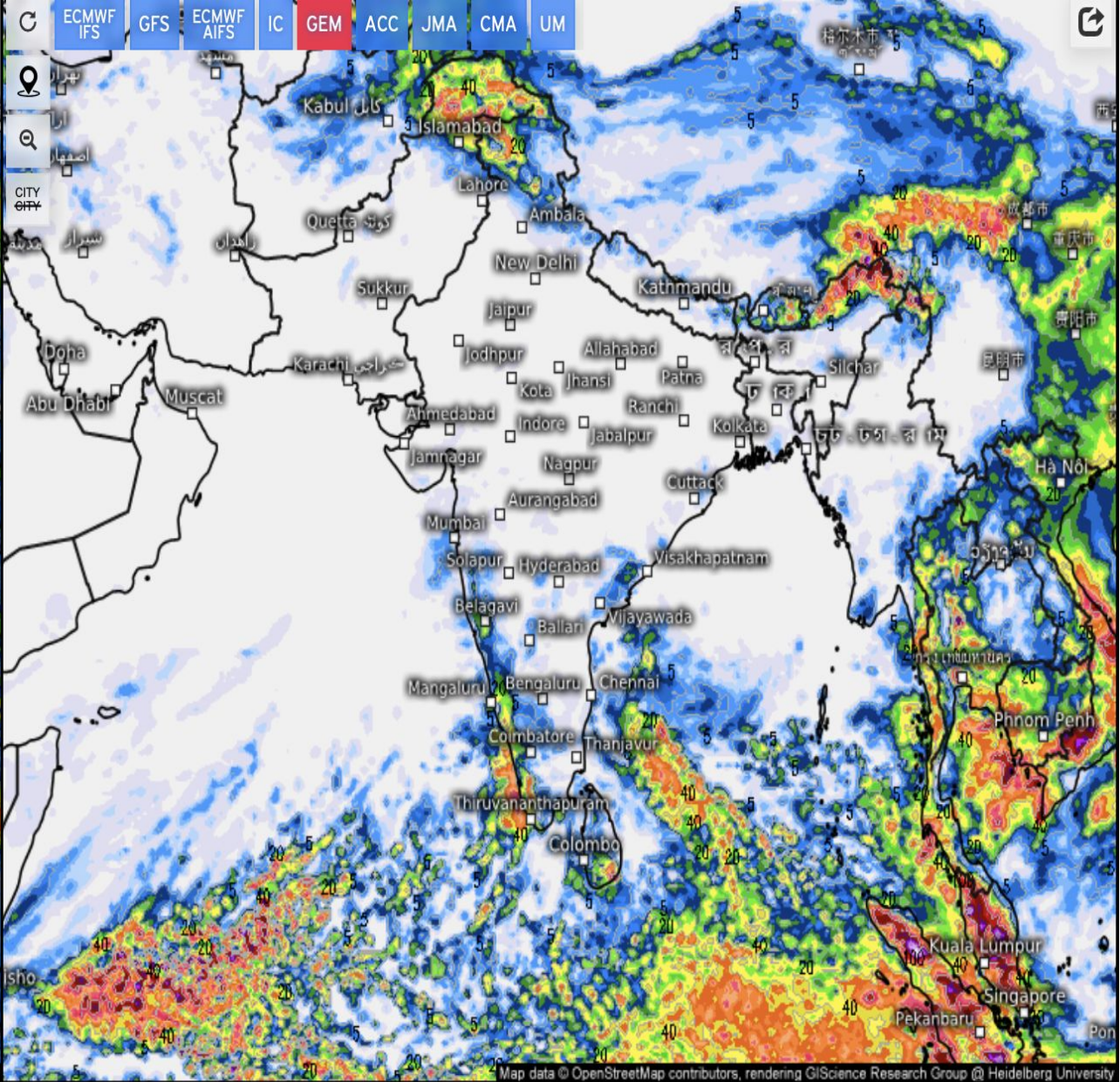
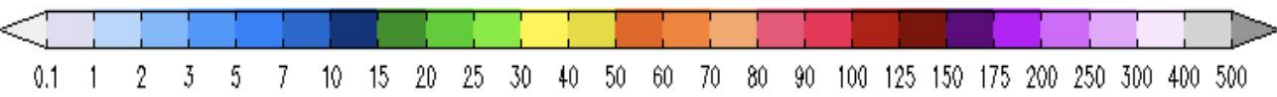
From Thu 03/27/2025, 05:30am IST
to Thu 04/03/2025, 05:30am IST





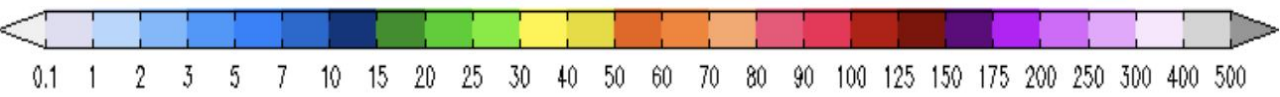
Accumulated total precipitation (mm)

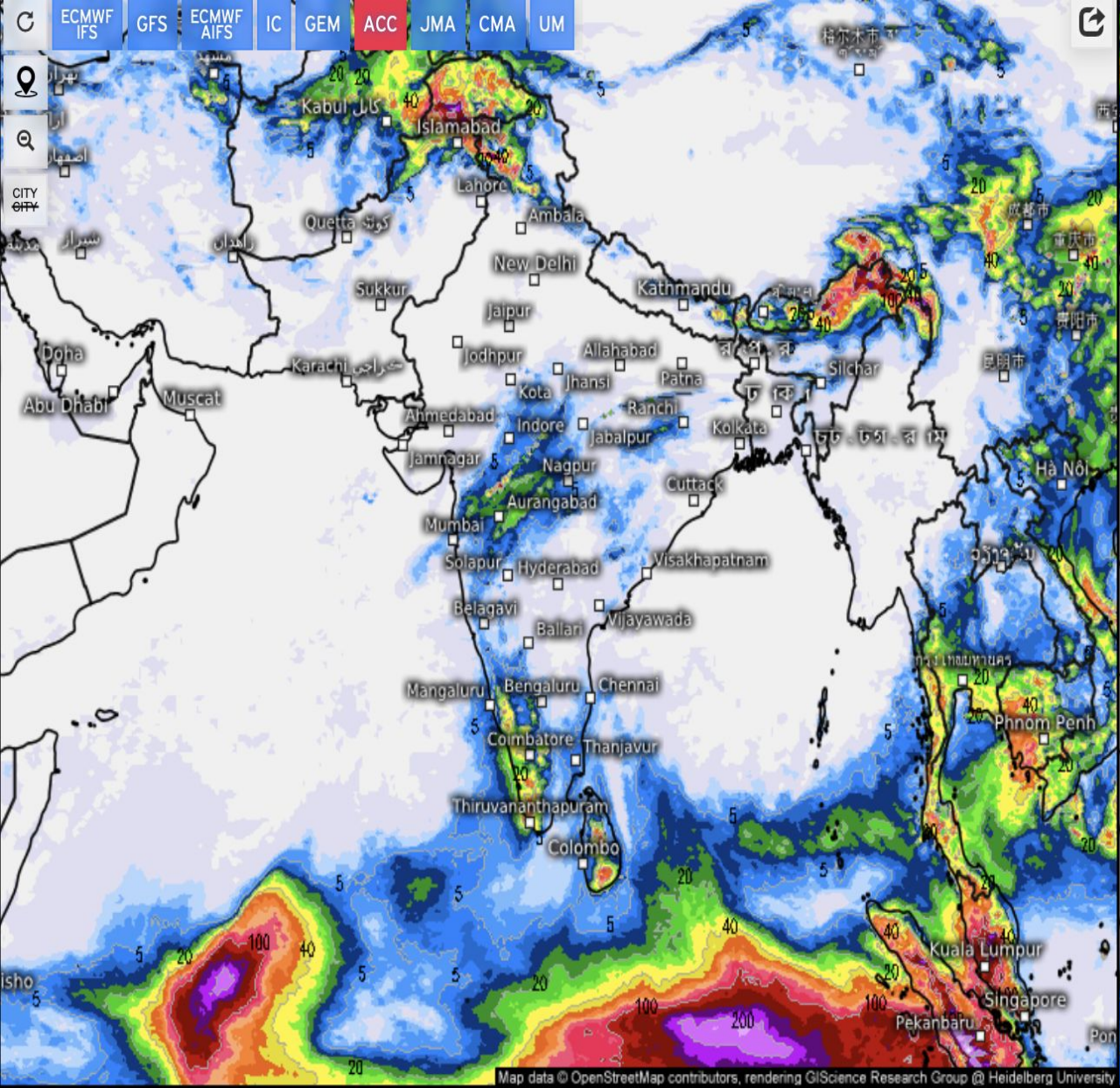
From Thu 03/27/2025, 05:30am IST
to Thu 04/03/2025, 05:30am IST



Accumulated total precipitation (mm)

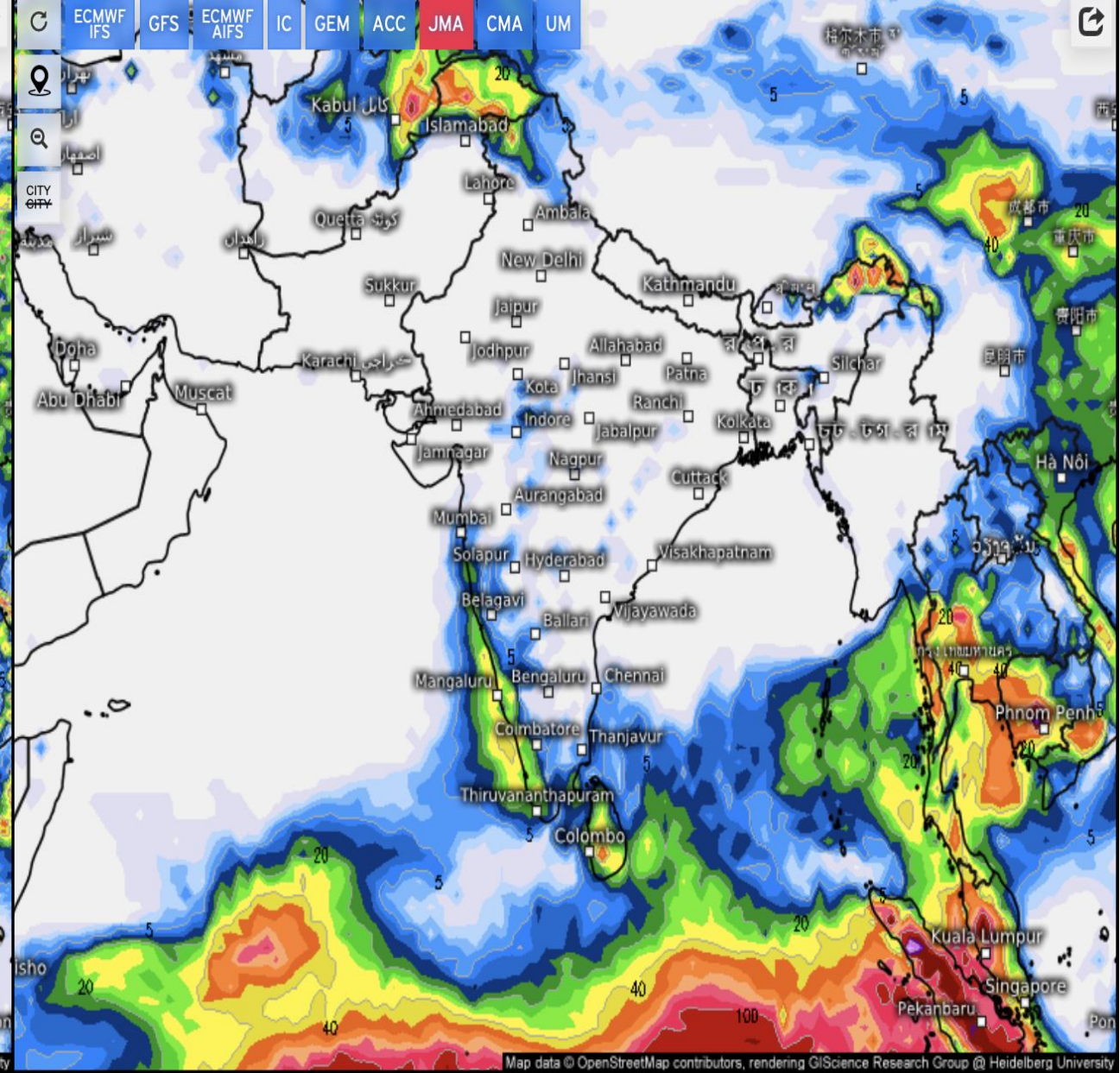
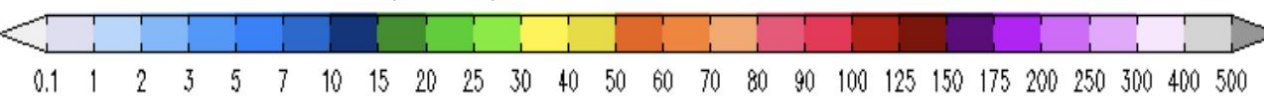
From Thu 03/27/2025, 05:30am IST
to Thu 04/03/2025, 05:30am IST





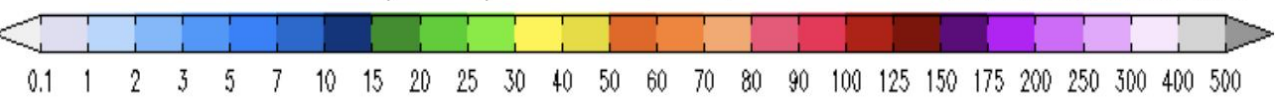
Accumulated total precipitation (mm)

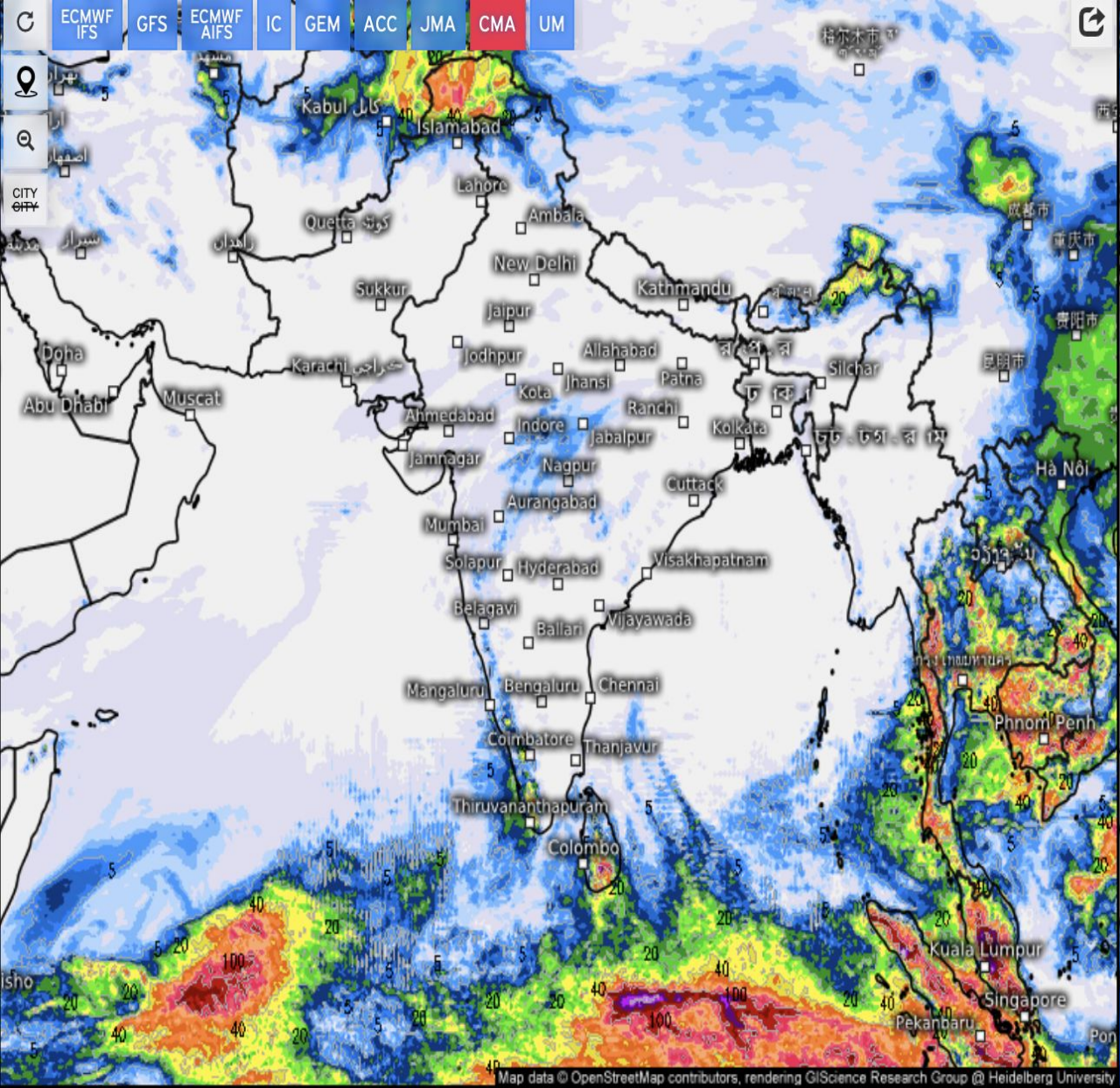
From Wed 03/26/2025, 05:30pm IST
to Thu 04/03/2025, 05:30am IST



Accumulated total precipitation (mm)

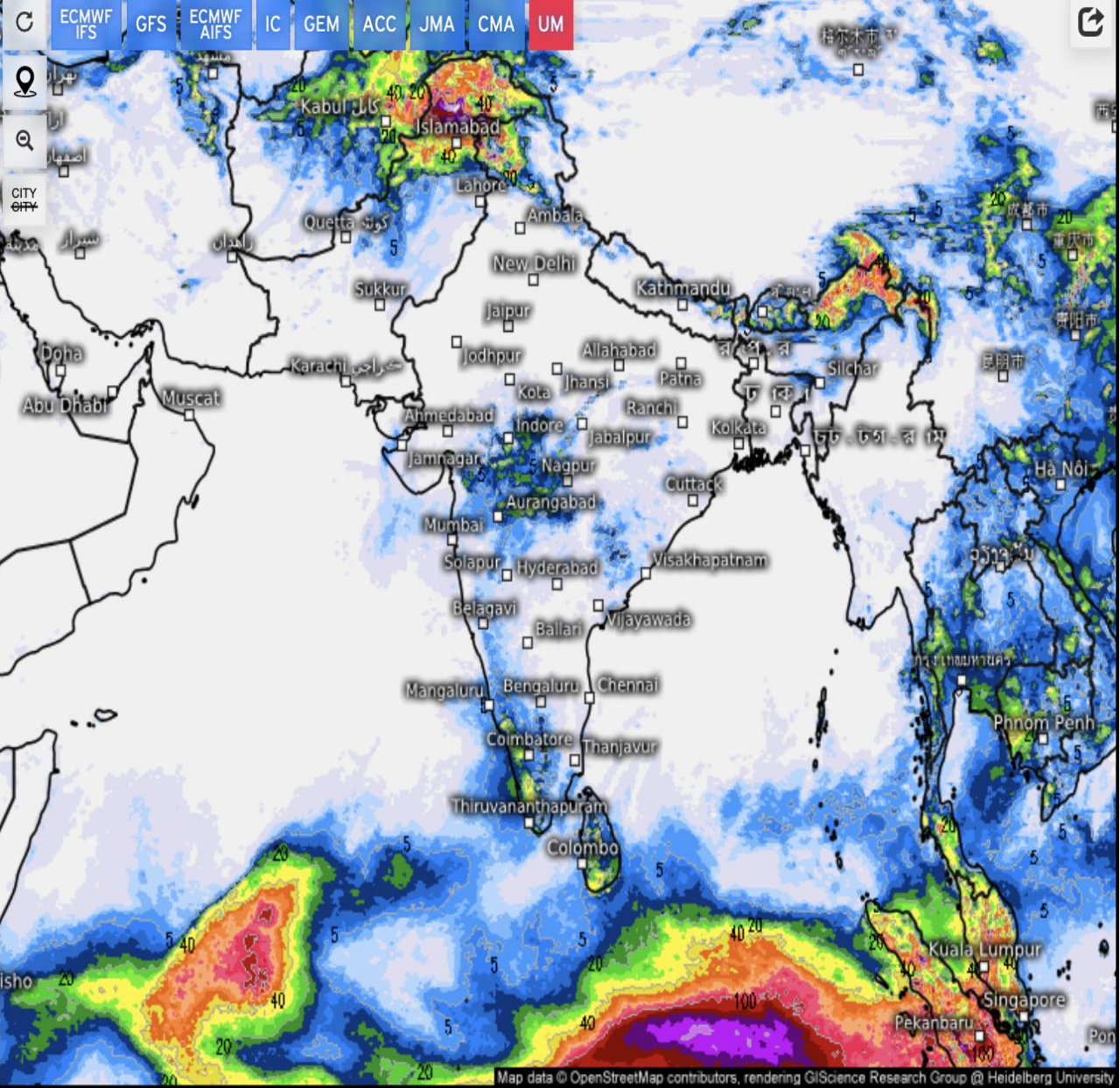
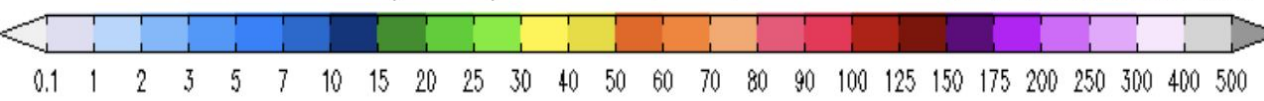
From Wed 03/26/2025, 05:30pm IST
to Thu 04/03/2025, 05:30am IST





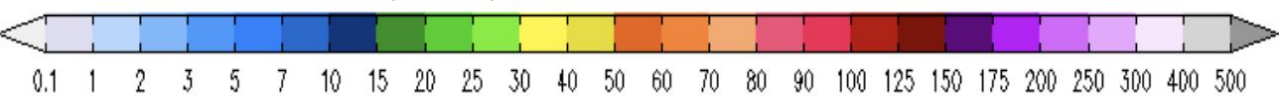
Accumulated total precipitation (mm)

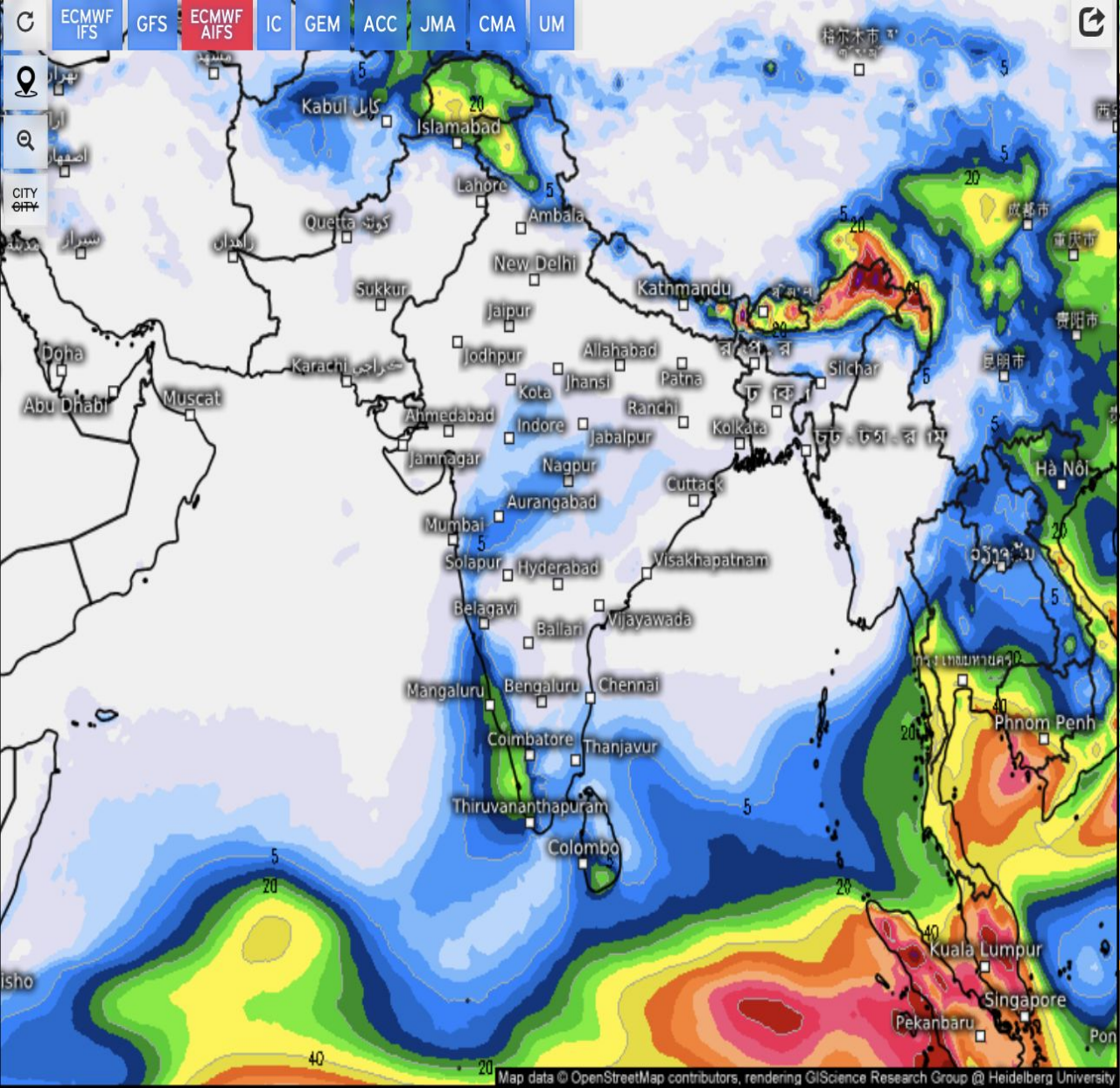
From Wed 03/26/2025, 05:30pm IST
to Thu 04/03/2025, 05:30am IST



Accumulated total precipitation (mm)

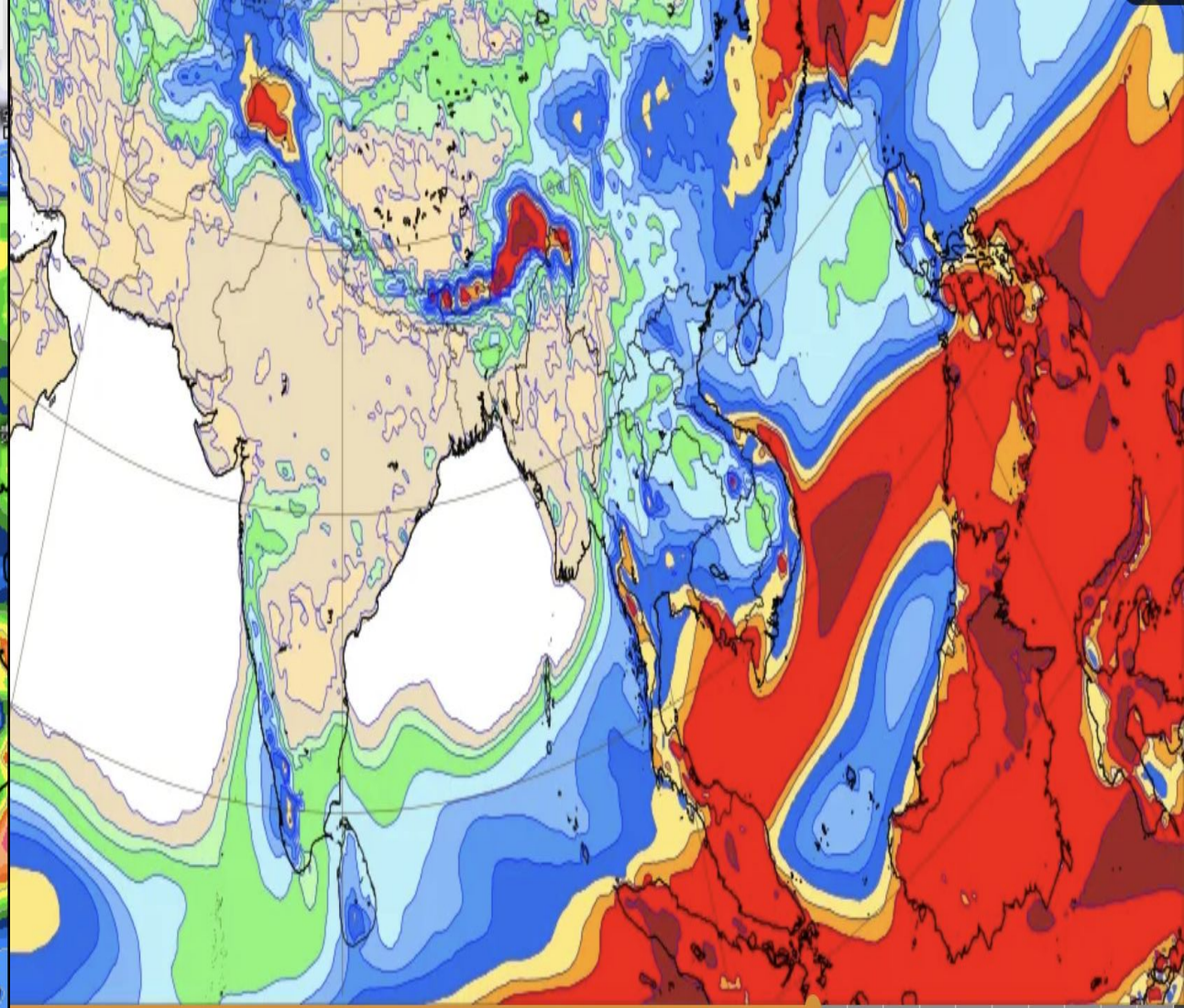
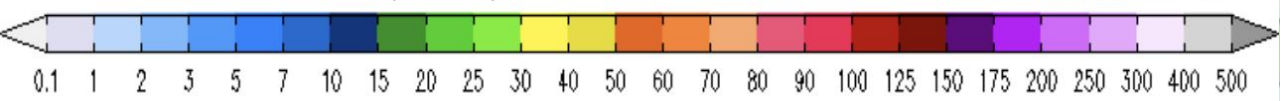
From Wed 03/26/2025, 05:30am IST
to Thu 04/03/2025, 05:30am IST





Accumulated total precipitation (mm)

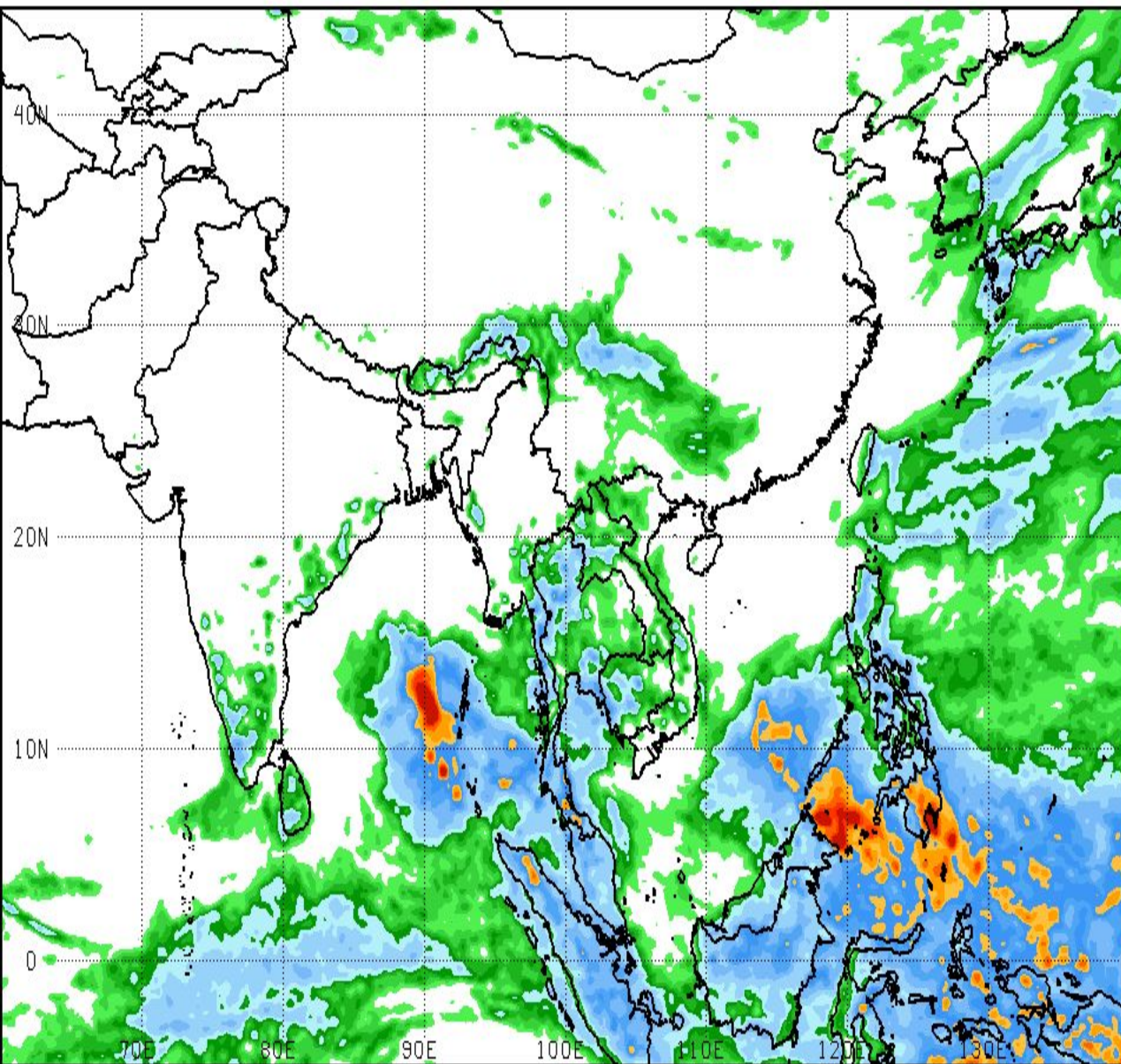
From Thu 03/27/2025, 05:30am IST
to Thu 04/03/2025, 05:30am IST



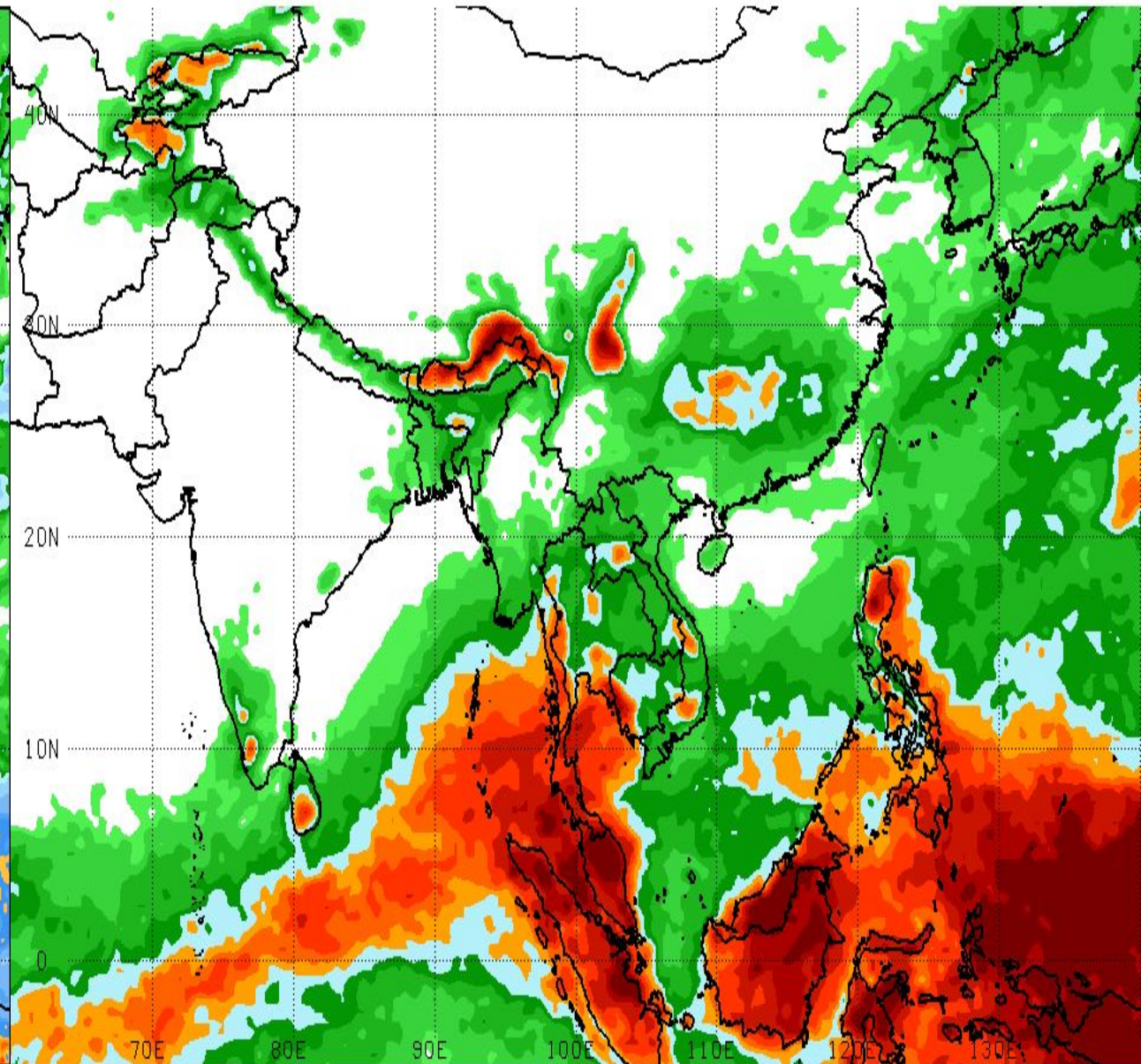
Experimental: GraphCast (Google Deepmind) ML model: Total accumulated precipitation (mm)

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



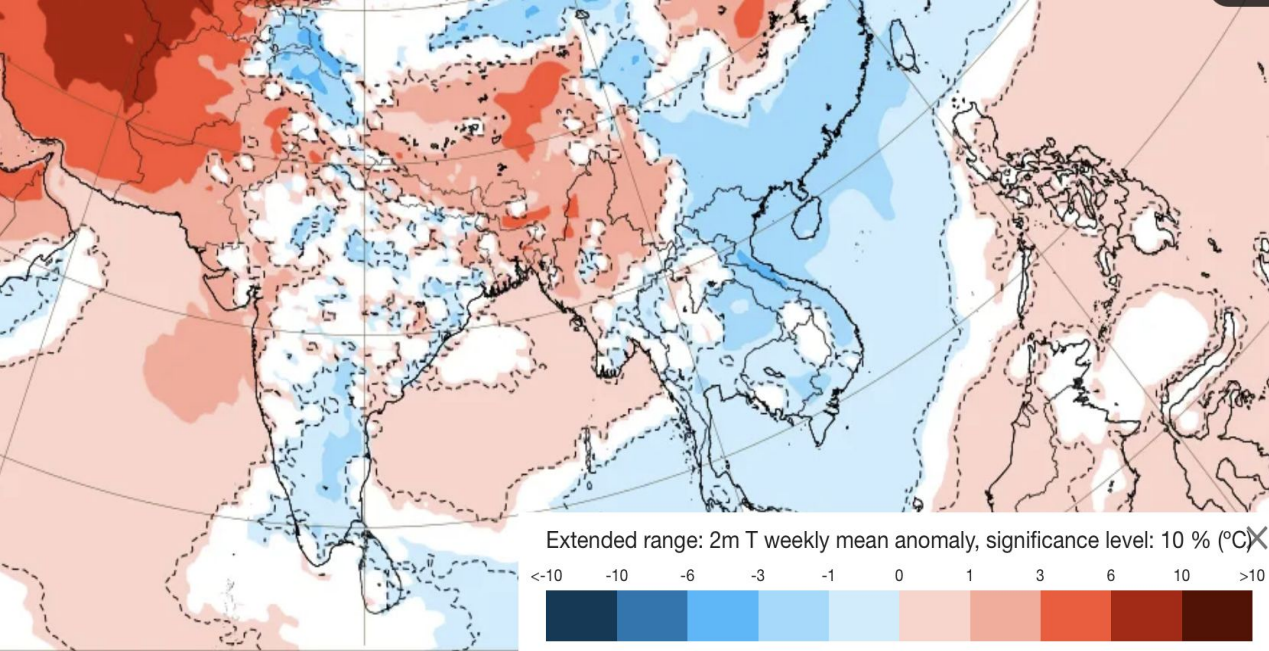


NOAA GFS 20250326 t12z cycle FCST week2 Total Precip (mm) VALID 2025040912Z

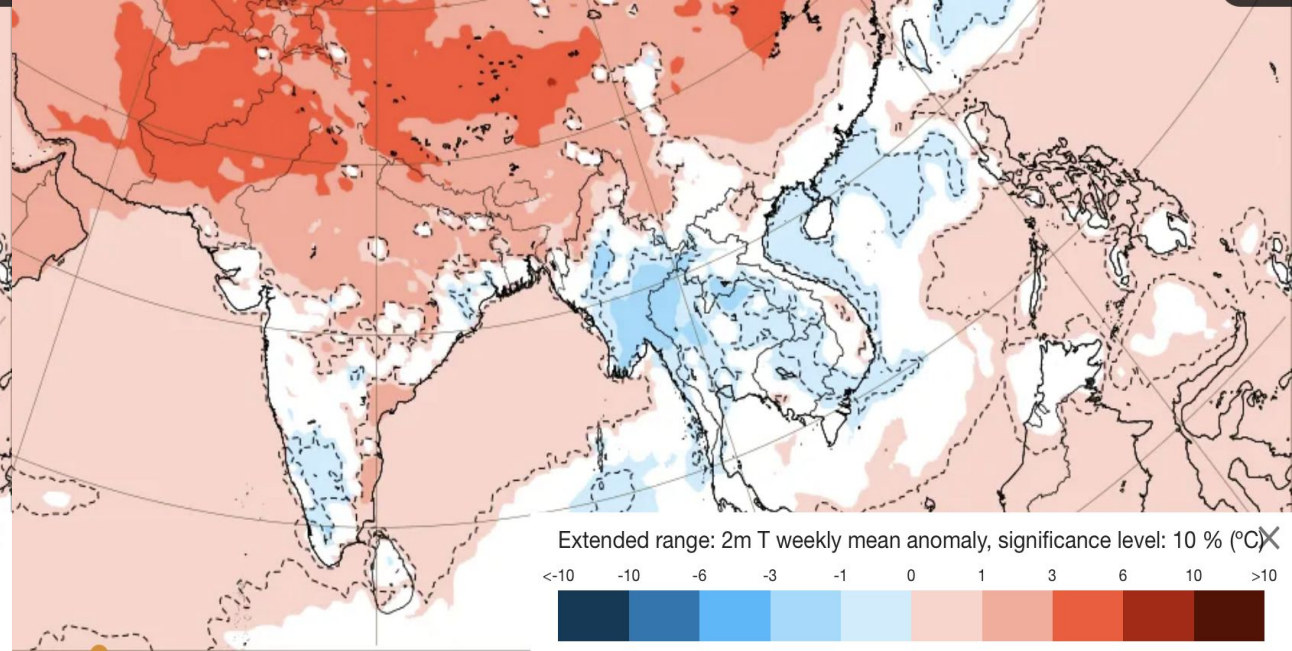


NOAA GFS 20250326 00zCYC FCST Probability of Week2 Precip > 25mm VALID 20250409/1200V336

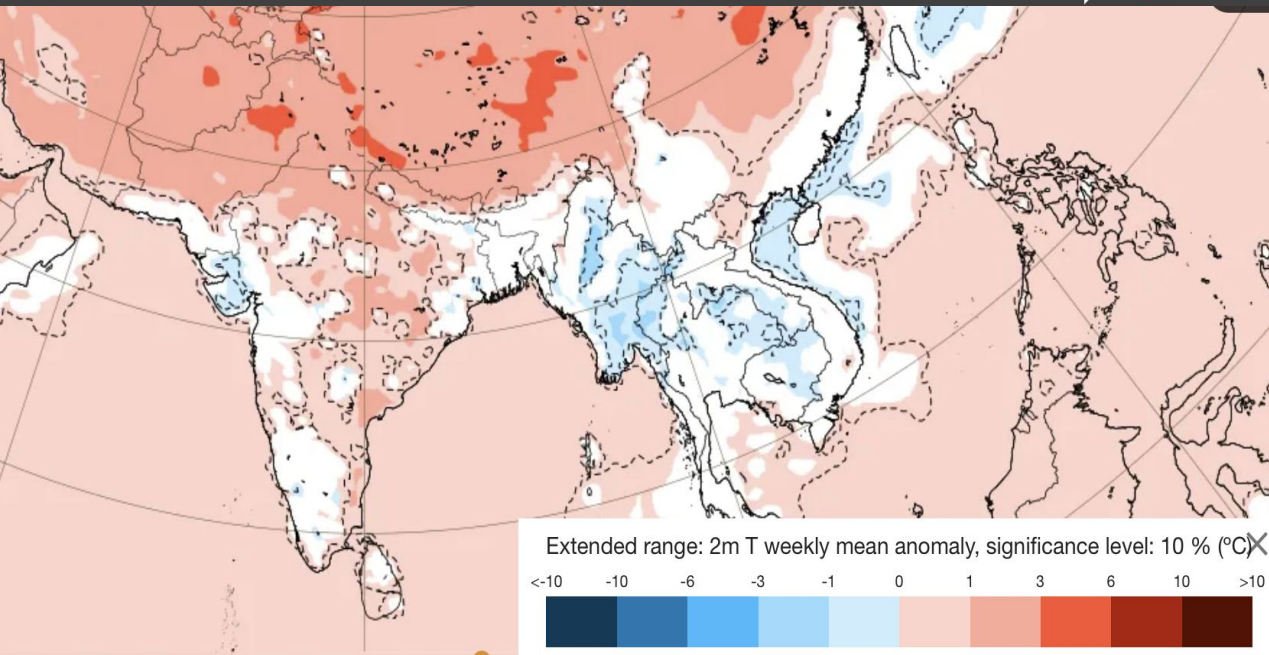




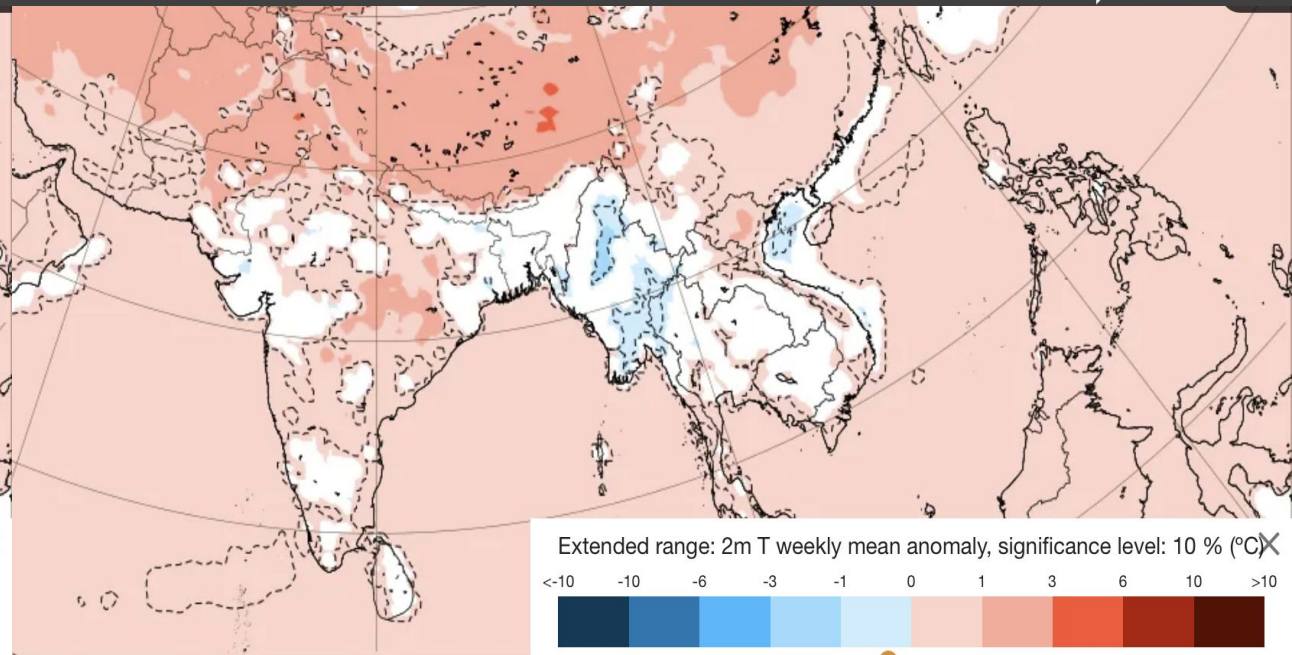
Mon 31 Mar 2025 - Mon 07 Apr 2025



Mon 07 Apr 2025 - Mon 14 Apr 2025



Mon 14 Apr 2025 - Mon 21 Apr 2025



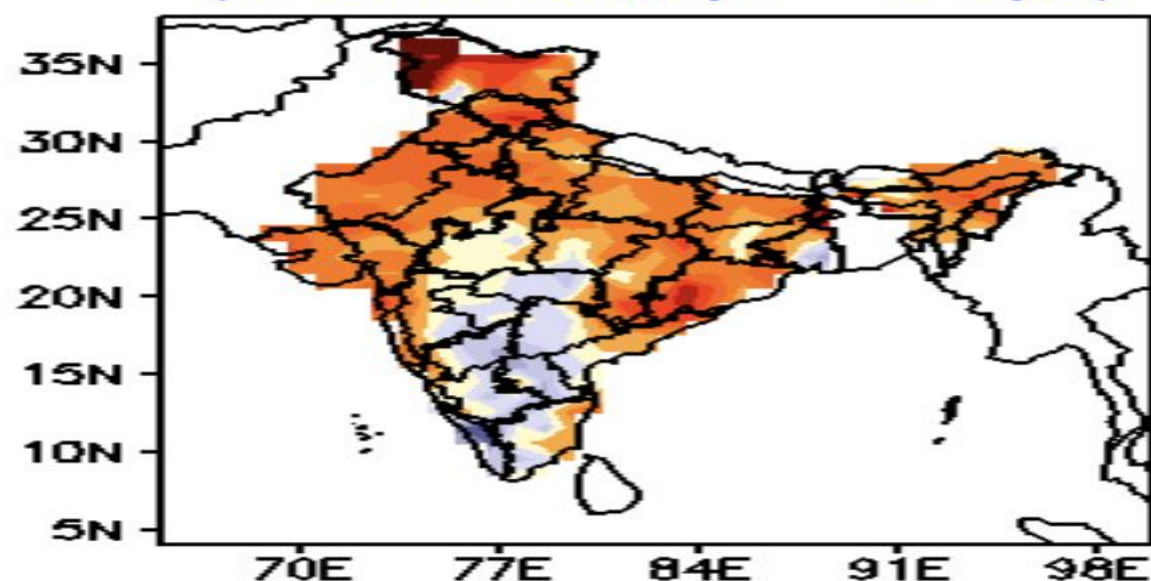
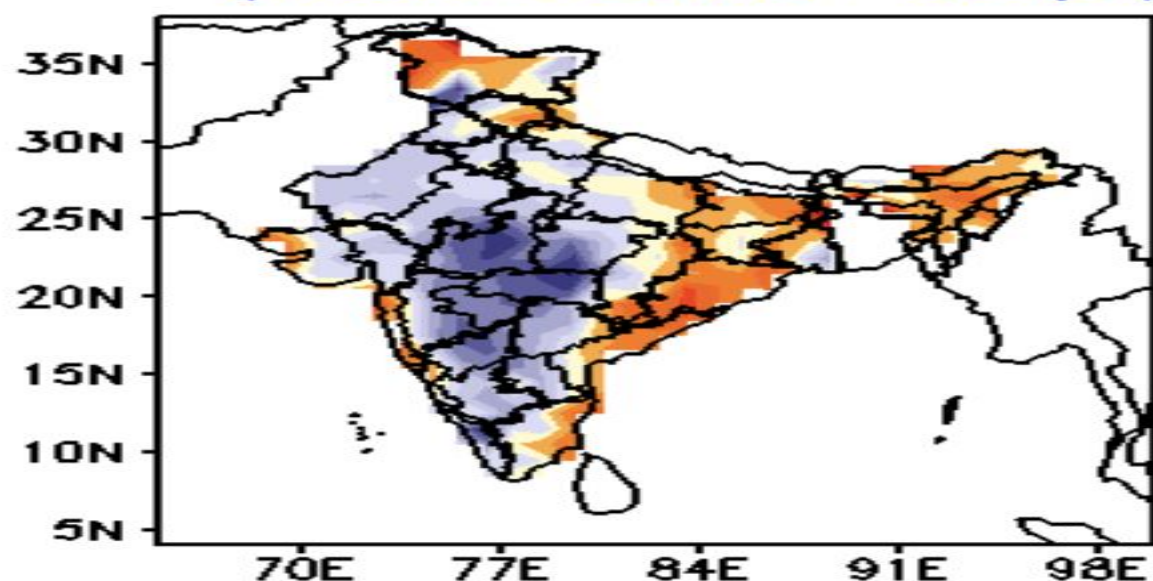
Mon 21 Apr 2025 - Mon 28 Apr 2025



MME forecast Tmax anomaly (Deg C)

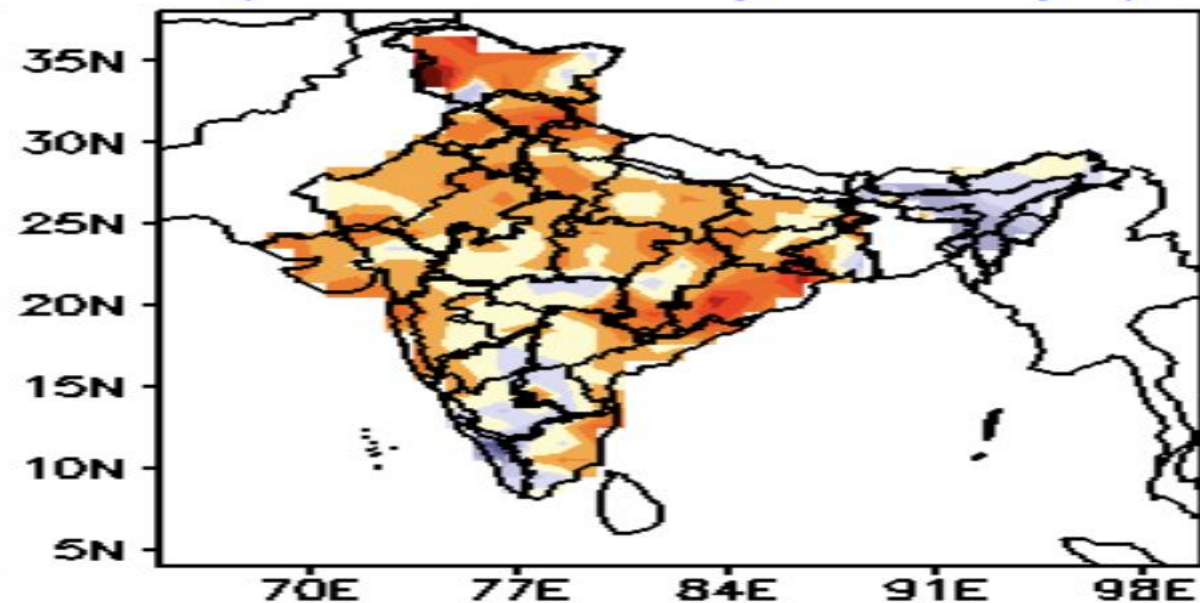
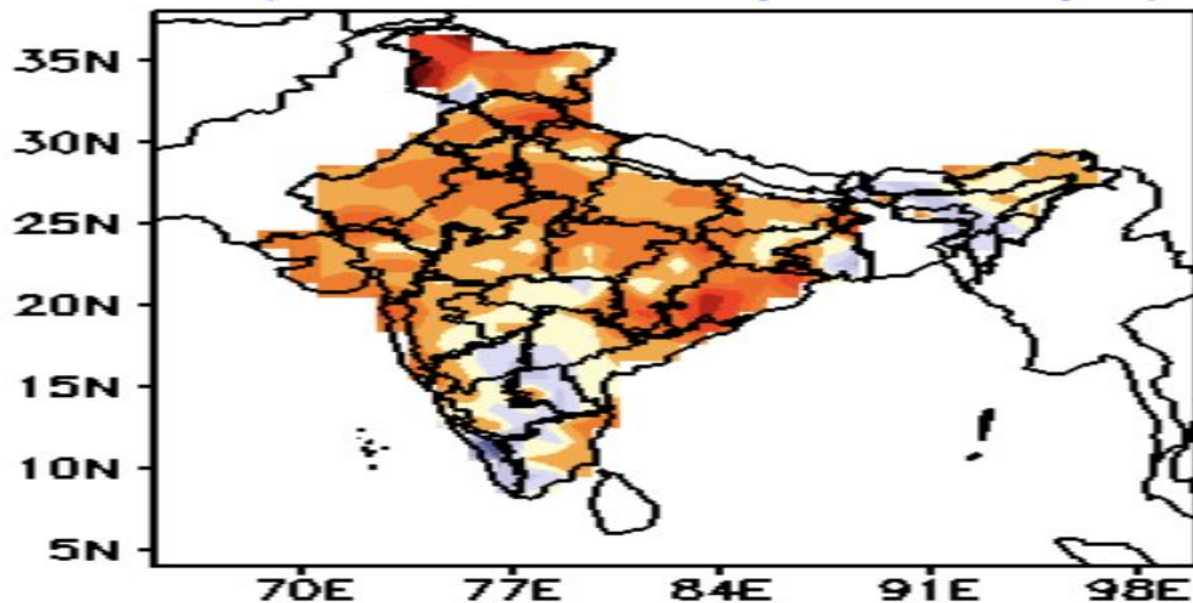
(Week1: 28Mar-03Apr)

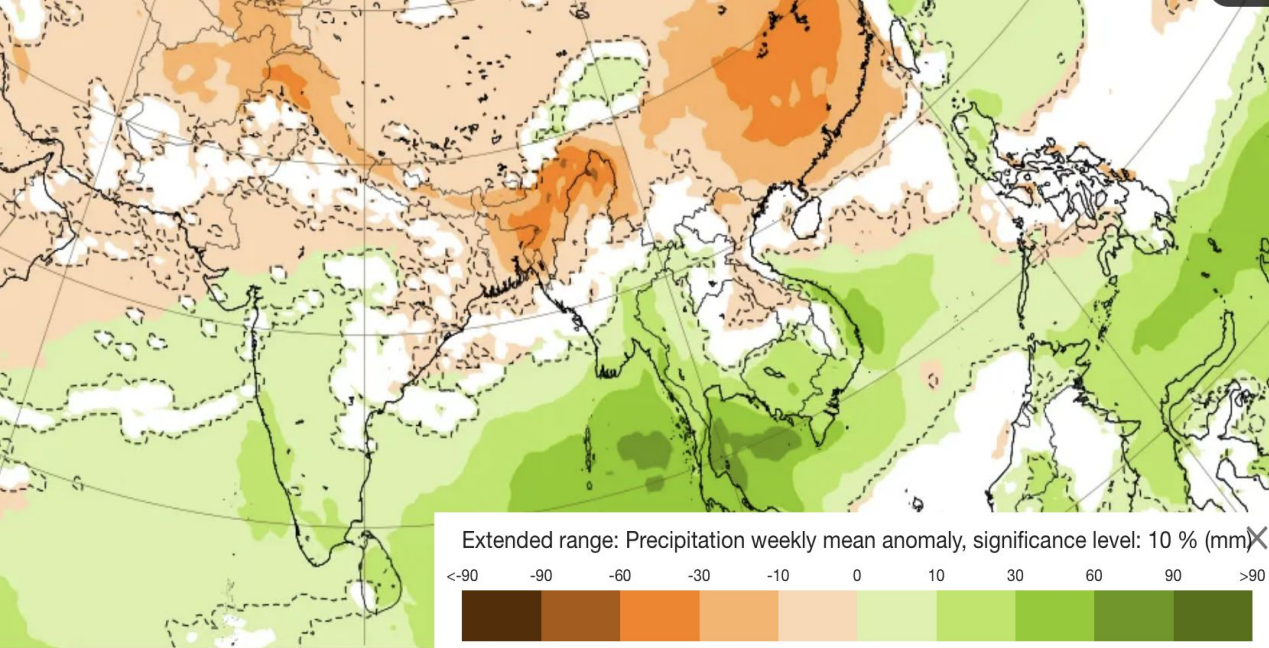
(Week2: 04Apr-10Apr)



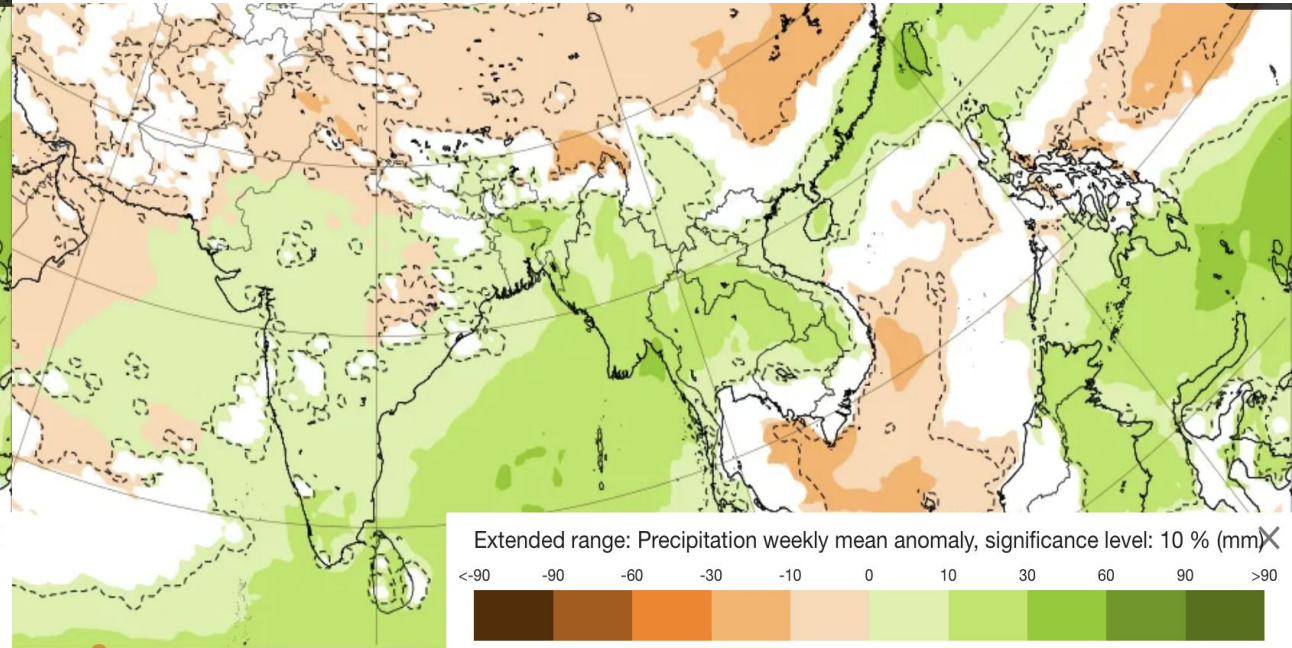
(Week3: 11Apr-17Apr)

(Week4: 18Apr-24Apr)

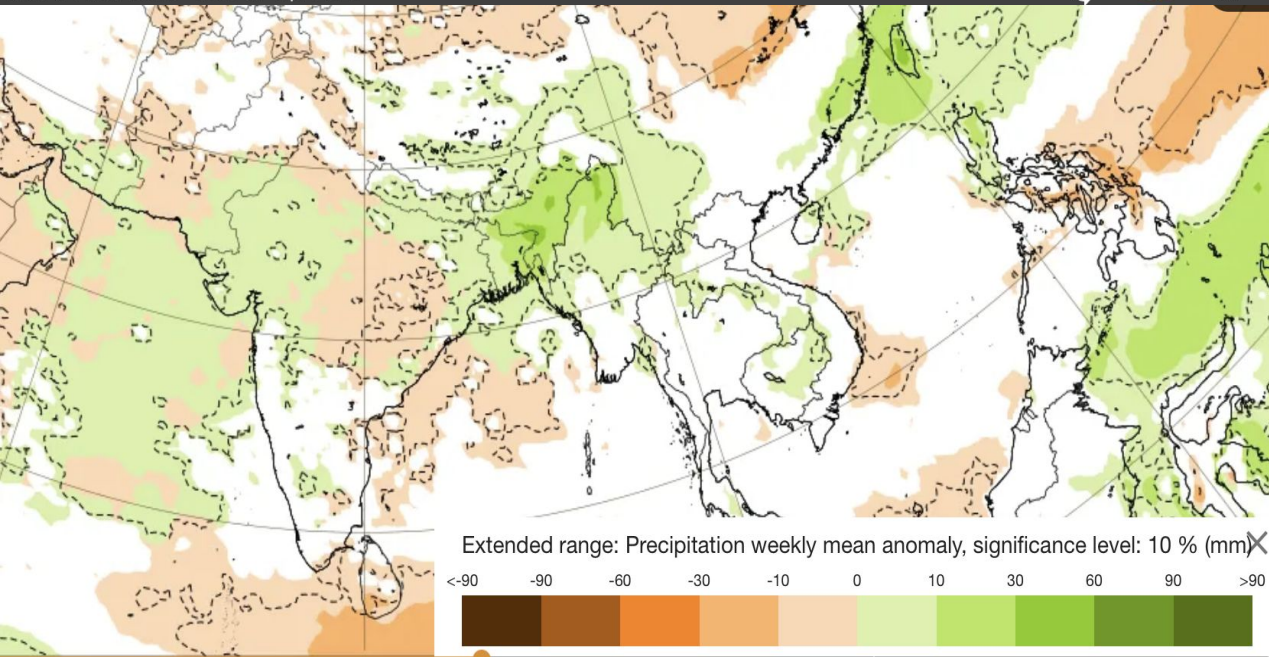




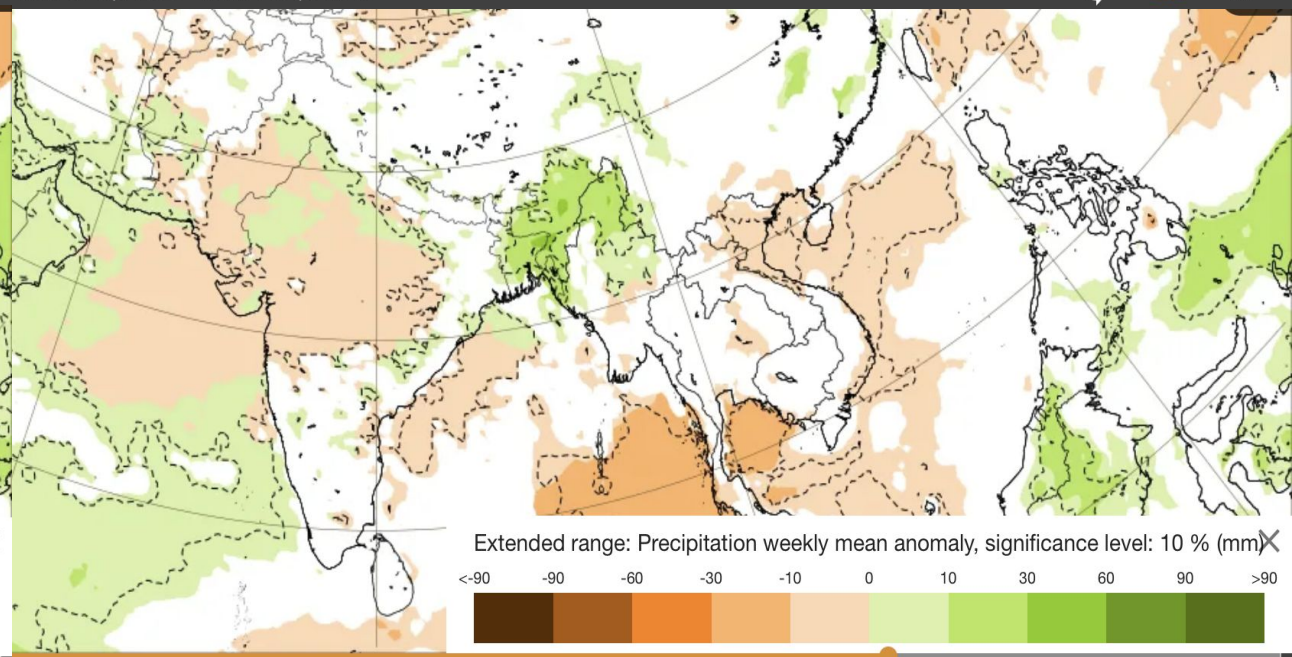
Mon 31 Mar 2025 - Mon 07 Apr 2025



Mon 07 Apr 2025 - Mon 14 Apr 2025



Mon 14 Apr 2025 - Mon 21 Apr 2025

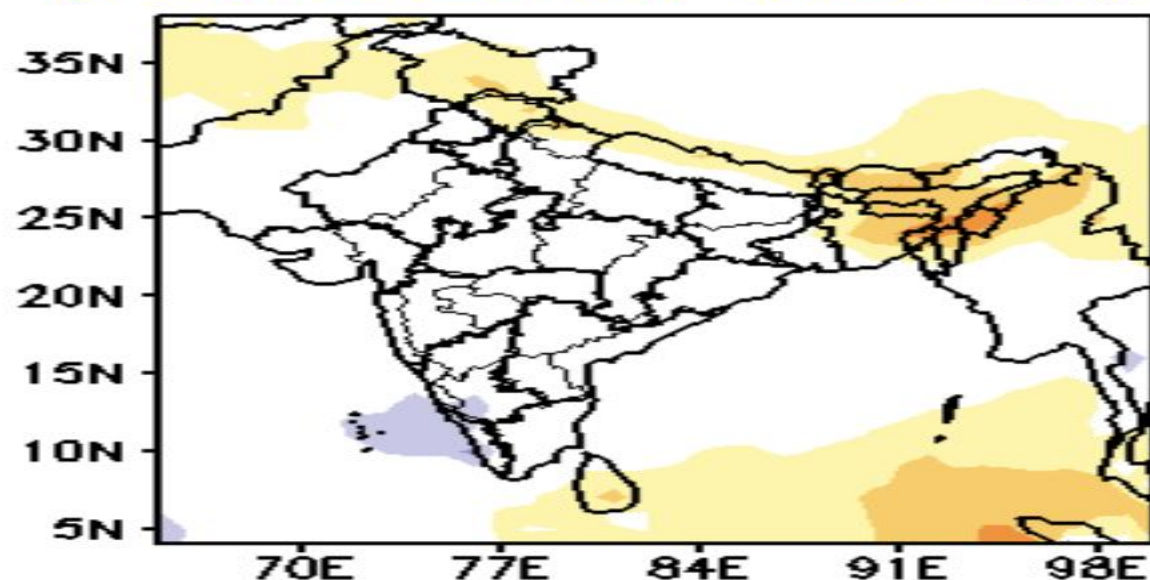


Mon 21 Apr 2025 - Mon 28 Apr 2025

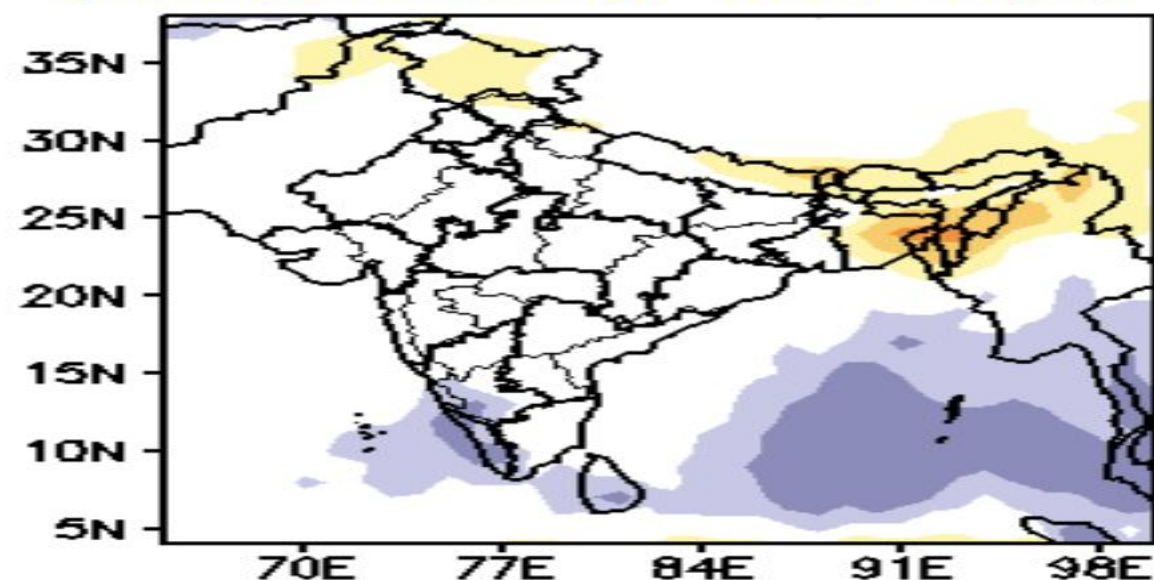


Forecast Rainfall Anomaly (mm/day) (00Z=0530 hrs IST)

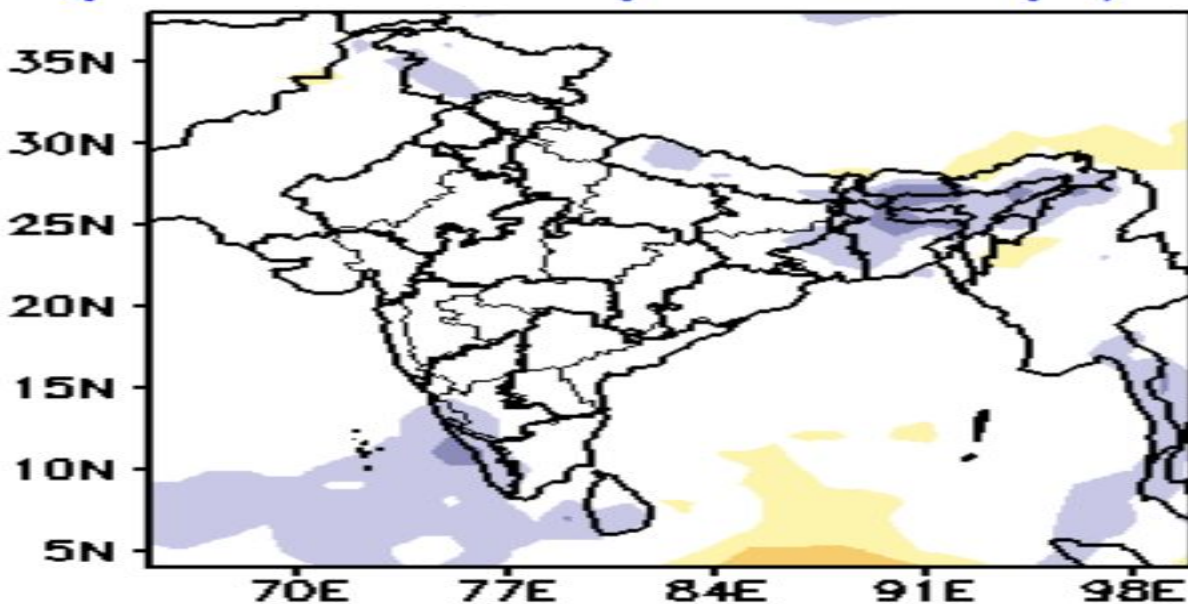
(Week1:00Z27Mar-00Z03Apr)



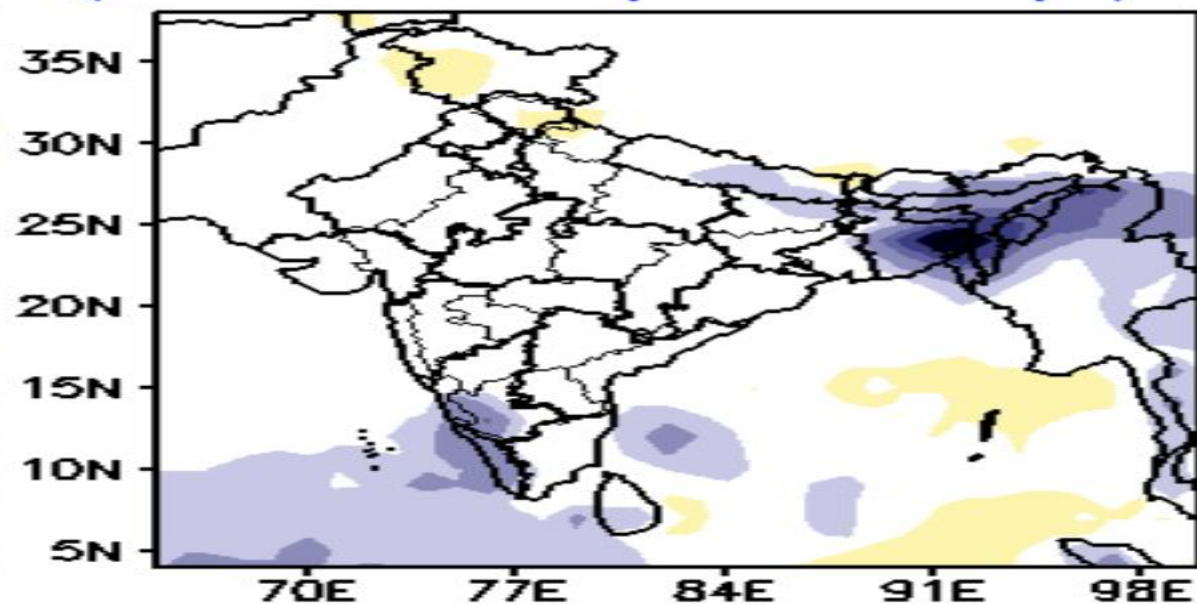
(Week2:00Z03Apr-00Z10Apr)



(Week3:00Z10Apr-00Z17Apr)



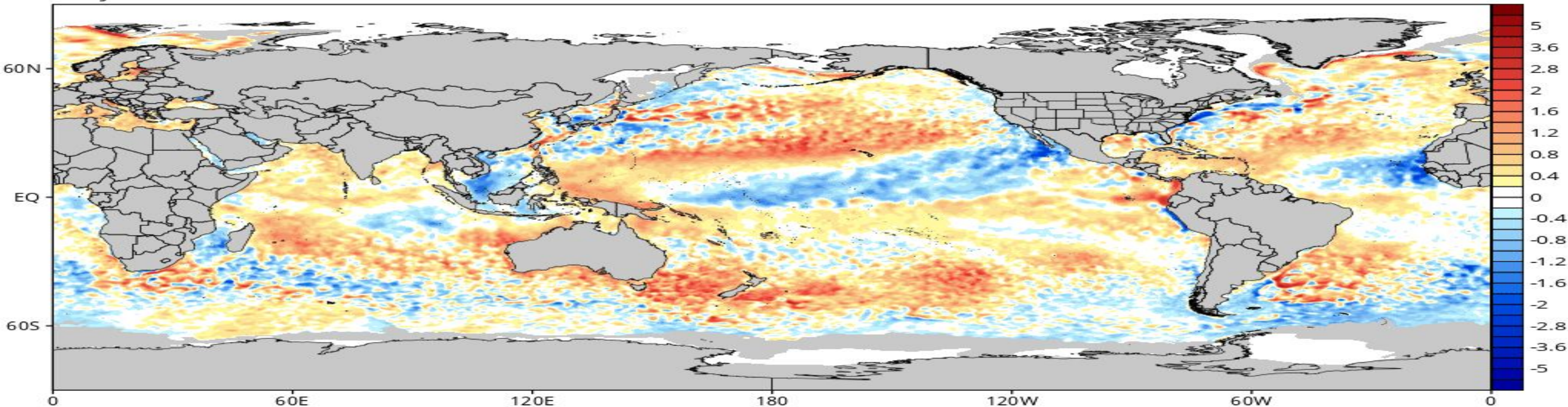
(Week4:00Z17Apr-00Z24Apr)



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

Analysis Time: 18z Mar 26 2025

TROPICALTIDBITS.COM



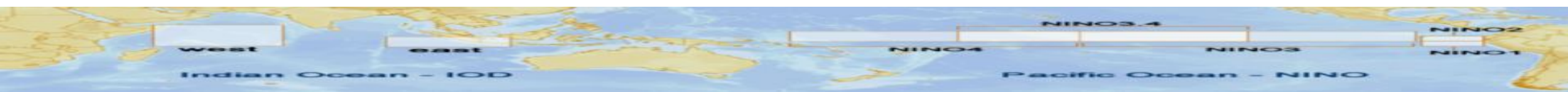
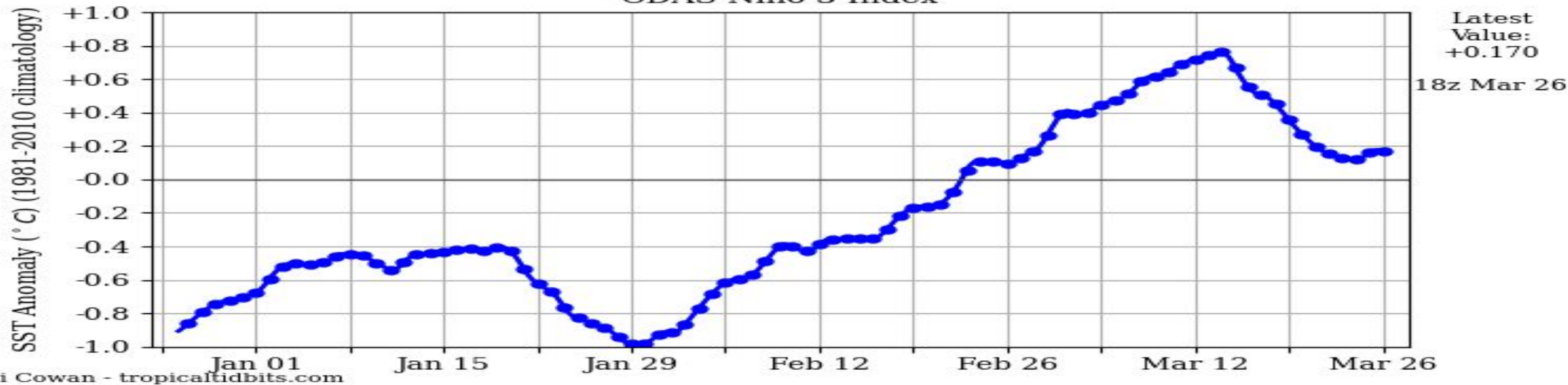
CDAS Niño 3.4 Index



CDAS Niño 1+2 Index

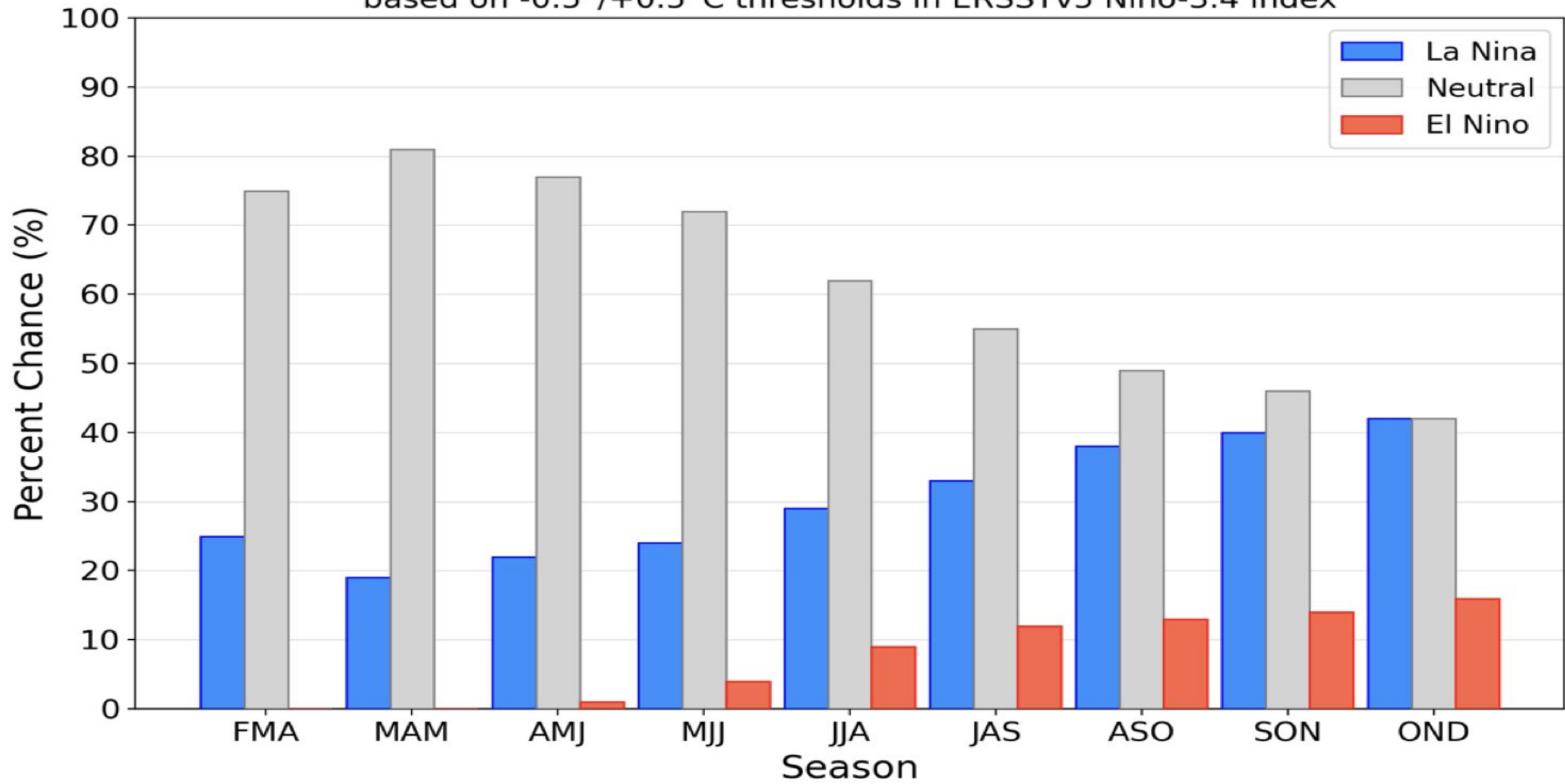


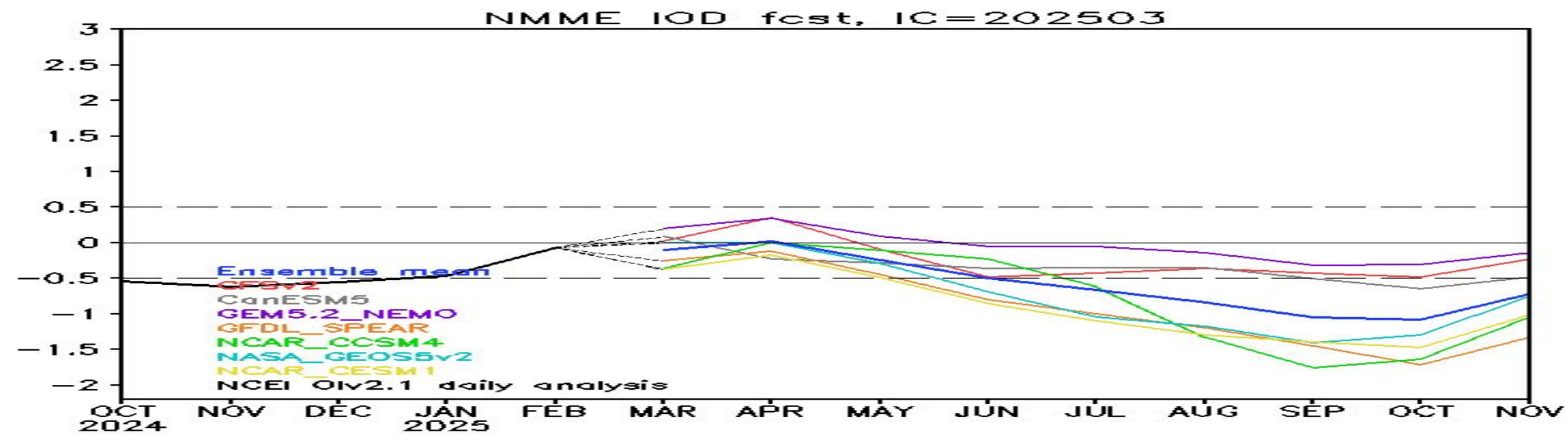
CDAS Niño 3 Index



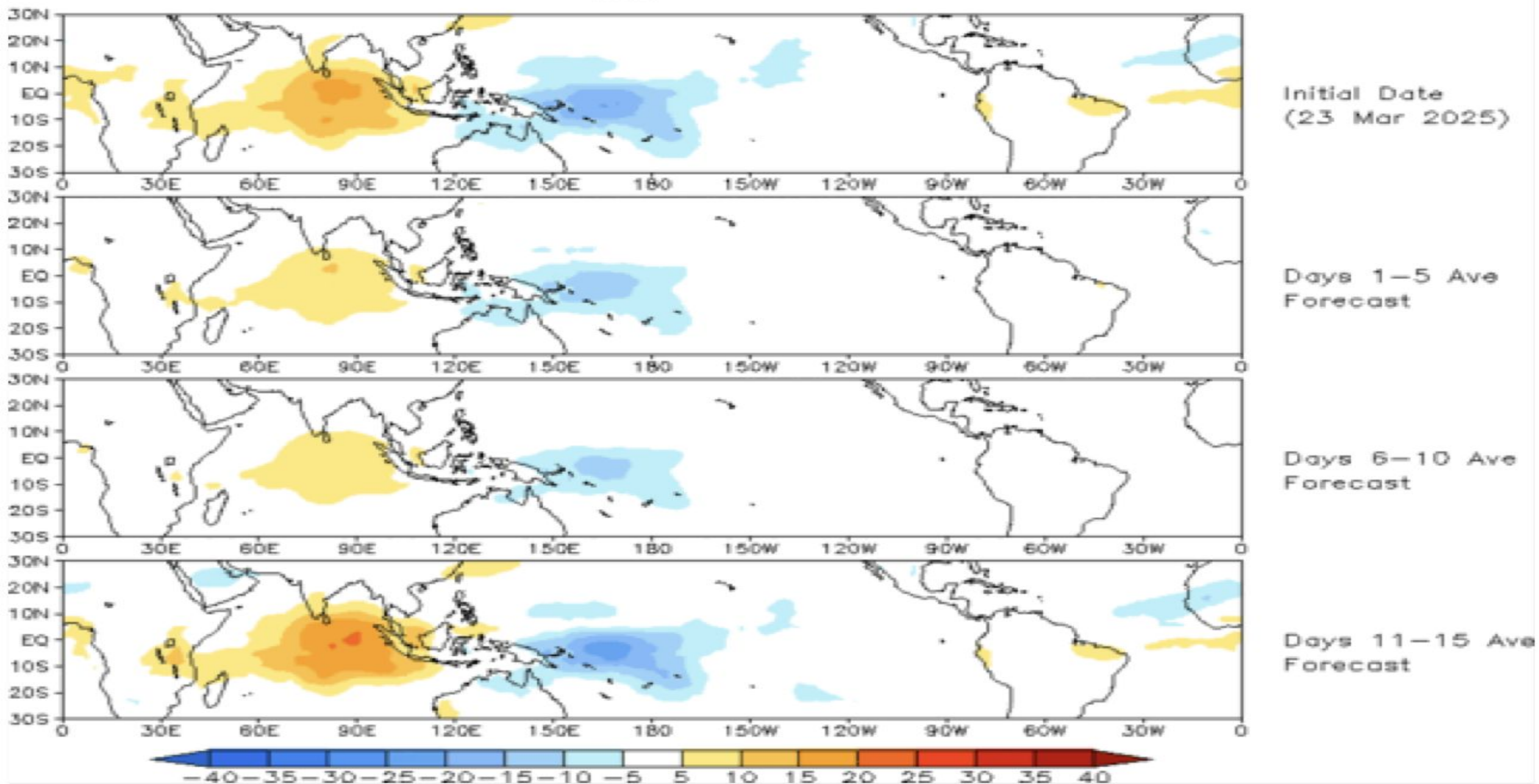
Official NOAA CPC ENSO Probabilities (issued March 2025)

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





Prediction of MJO-related anomalies using GEFS operational forecast
Initial date: 23 Mar 2025
OLR



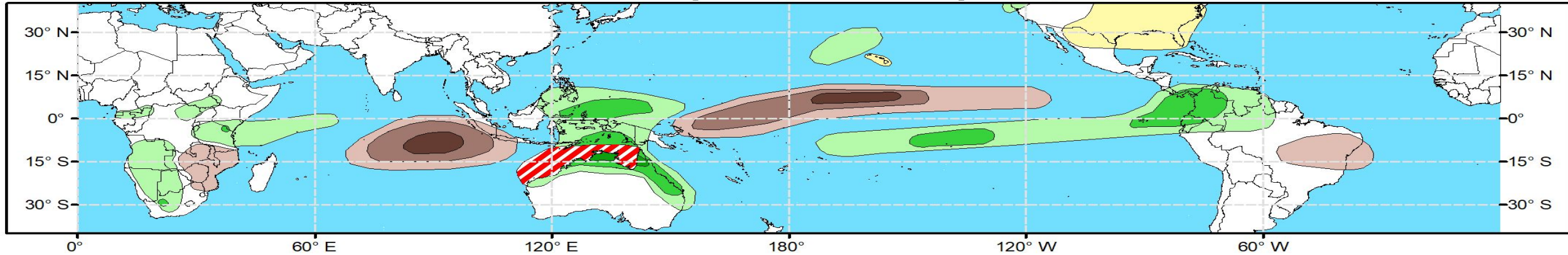


Global Tropics Hazards Outlook

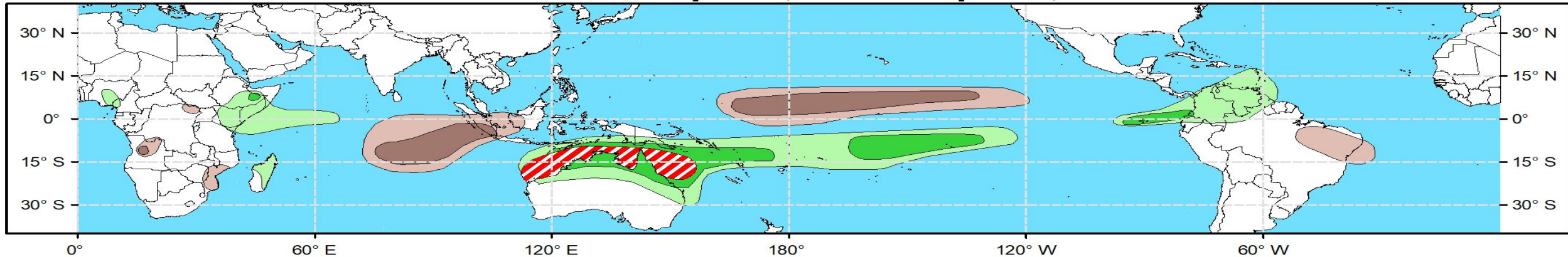
Climate Prediction Center



Week 2 - Valid: Apr 02, 2025 - Apr 08, 2025



Week 3 - Valid: Apr 09, 2025 - Apr 15, 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%

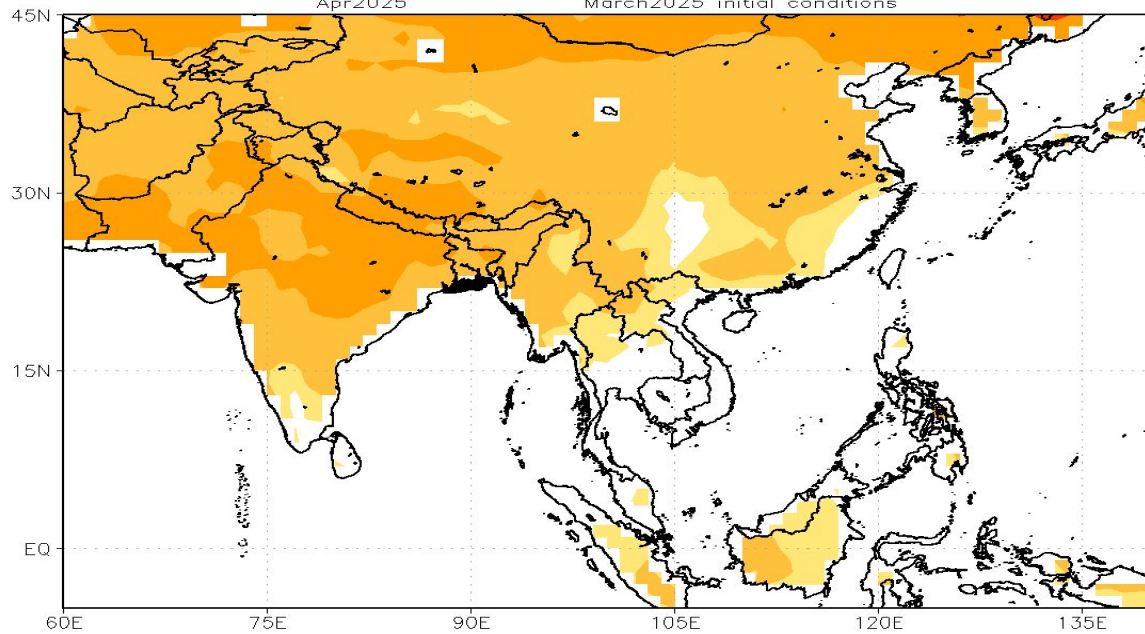
*7-day min temperatures in the
Lower third of the historical range*

Issued: 03/25/2025

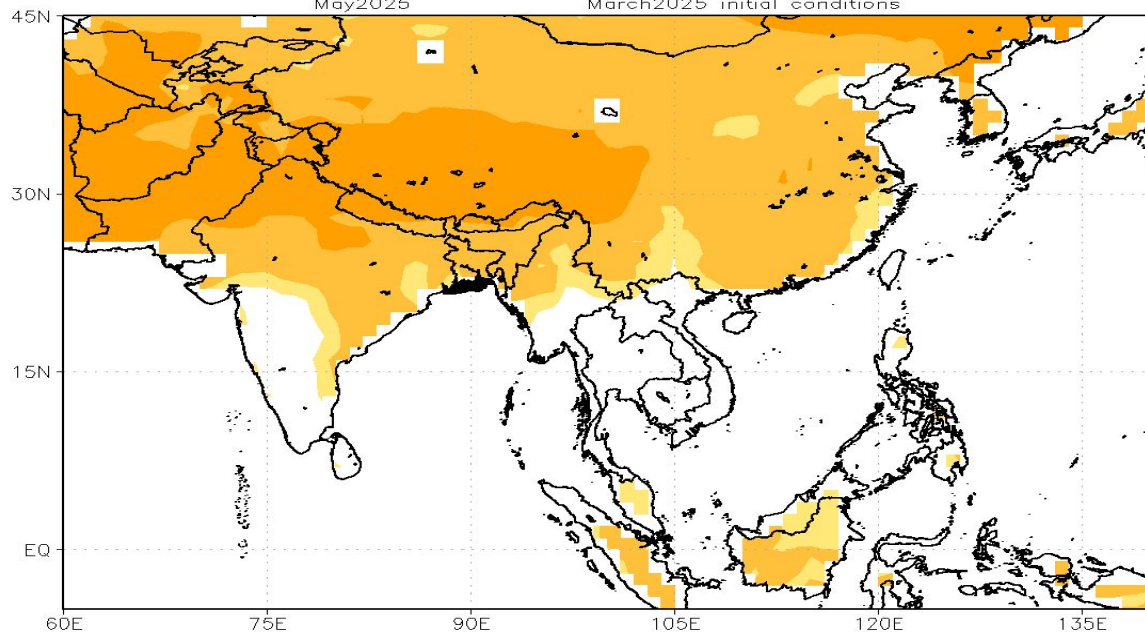
Forecaster: Pugh

**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 2-Meter Air Temp. Anomalies (deg C)
Apr2025 March2025 initial conditions



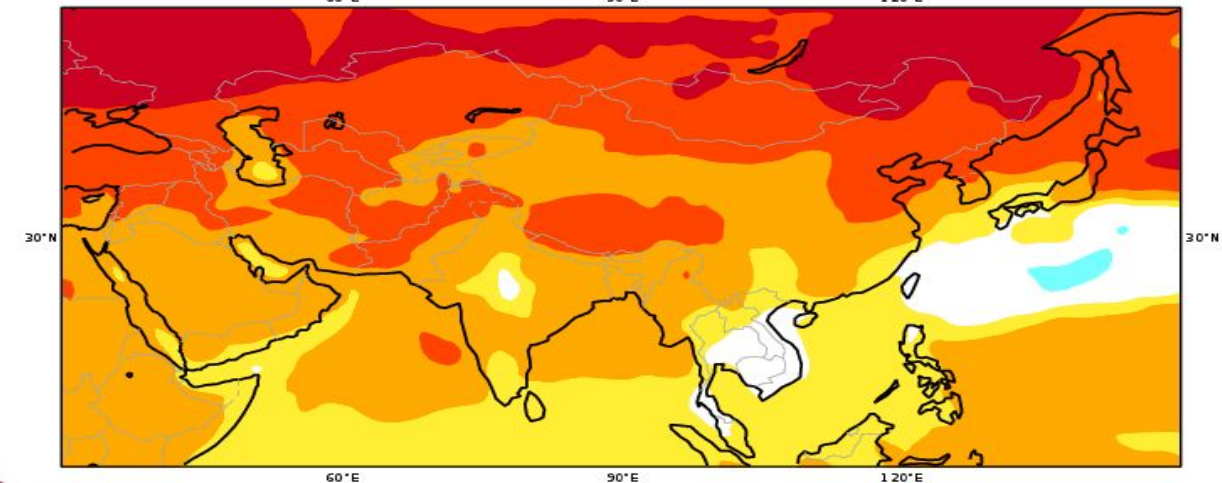
NMME 2-Meter Air Temp. Anomalies (deg C)
May2025 March2025 initial conditions



C3S multi-system seasonal forecast
Mean 2m temperature anomaly

Nominal forecast start: 01/03/25
Variance-standardized mean

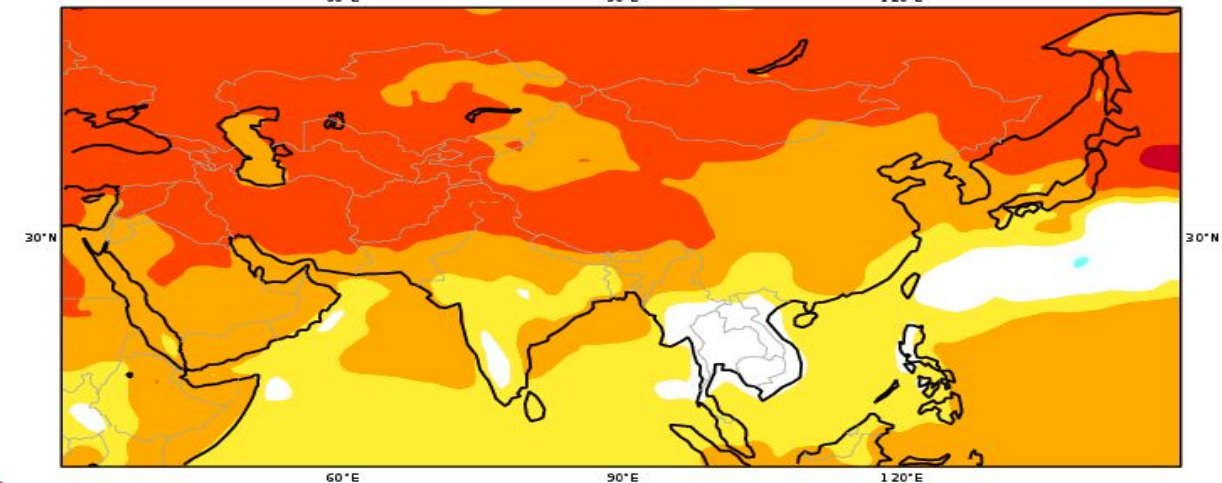
Legend: <-2.0°C, -2.0..-1.0, -1.0..-0.5, -0.5..-0.2, -0.2..0.2, 0.2..0.5, 0.5..1.0, 1.0..2.0, > 2.0°C



C3S multi-system seasonal forecast
Mean 2m temperature anomaly

Nominal forecast start: 01/03/25
Variance-standardized mean

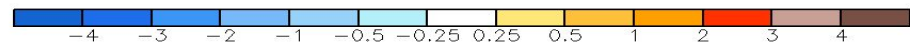
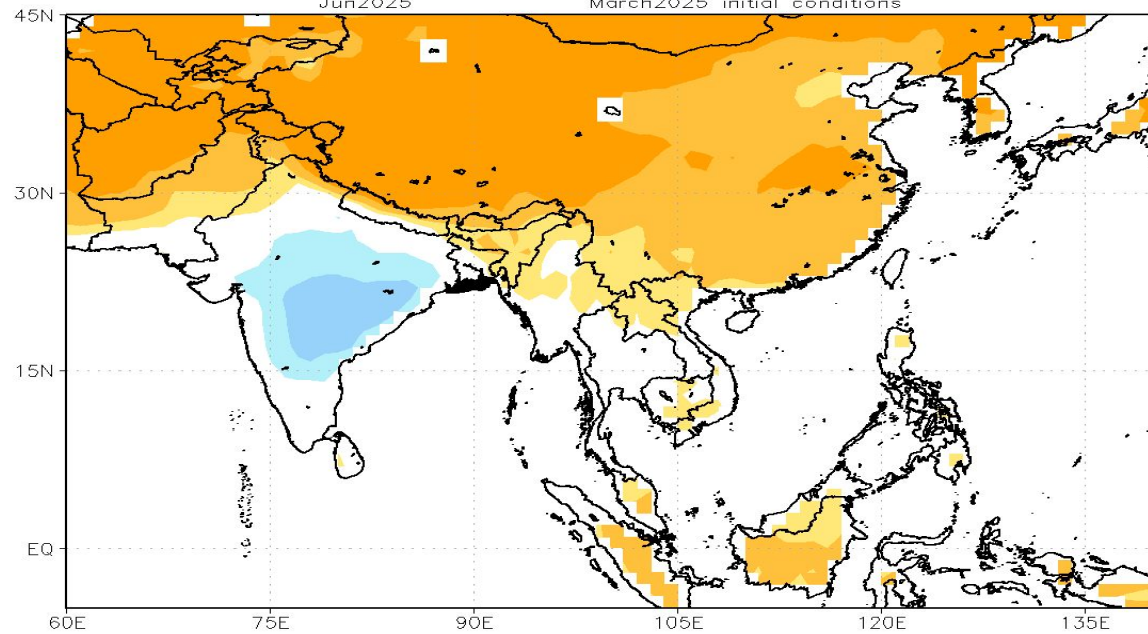
Legend: <-2.0°C, -2.0..-1.0, -1.0..-0.5, -0.5..-0.2, -0.2..0.2, 0.2..0.5, 0.5..1.0, 1.0..2.0, > 2.0°C



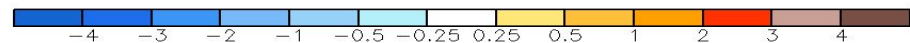
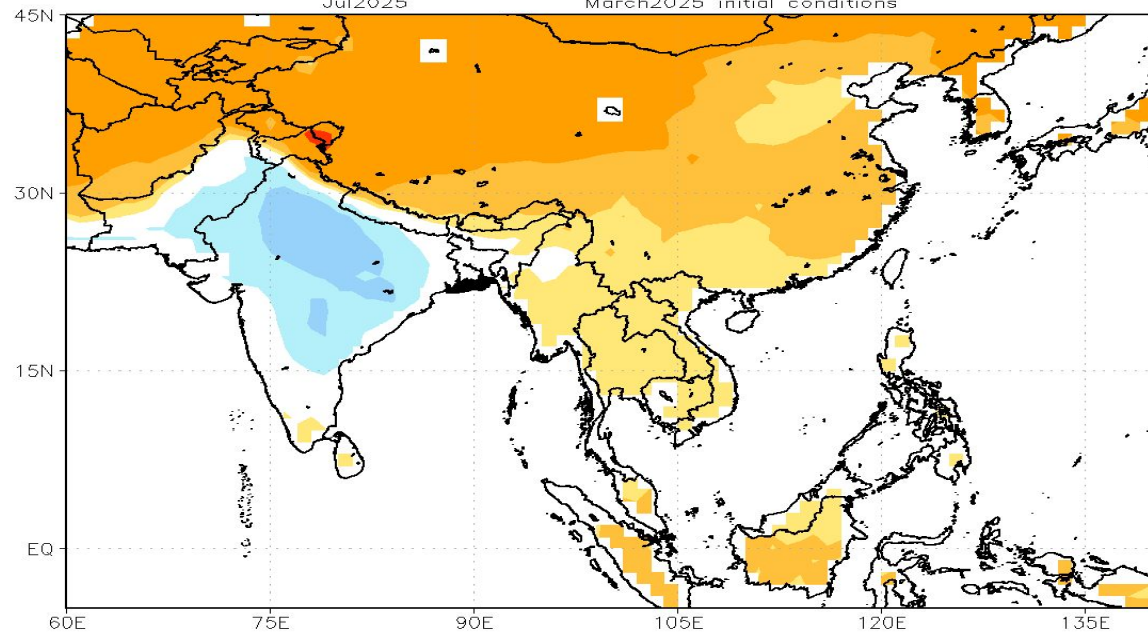
ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC
APR 2025

ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC
MAY 2025

NMME 2-Meter Air Temp. Anomalies (deg C)
Jun2025 March2025 initial conditions

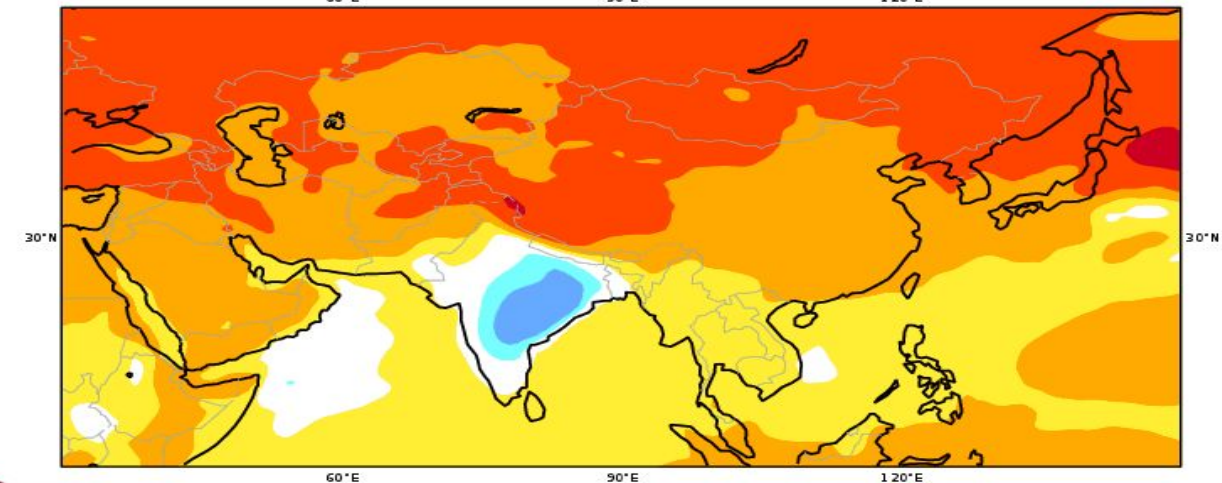
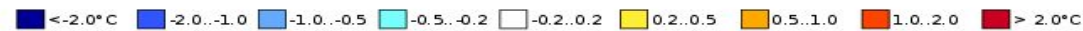


NMME 2-Meter Air Temp. Anomalies (deg C)
Jul2025 March2025 initial conditions



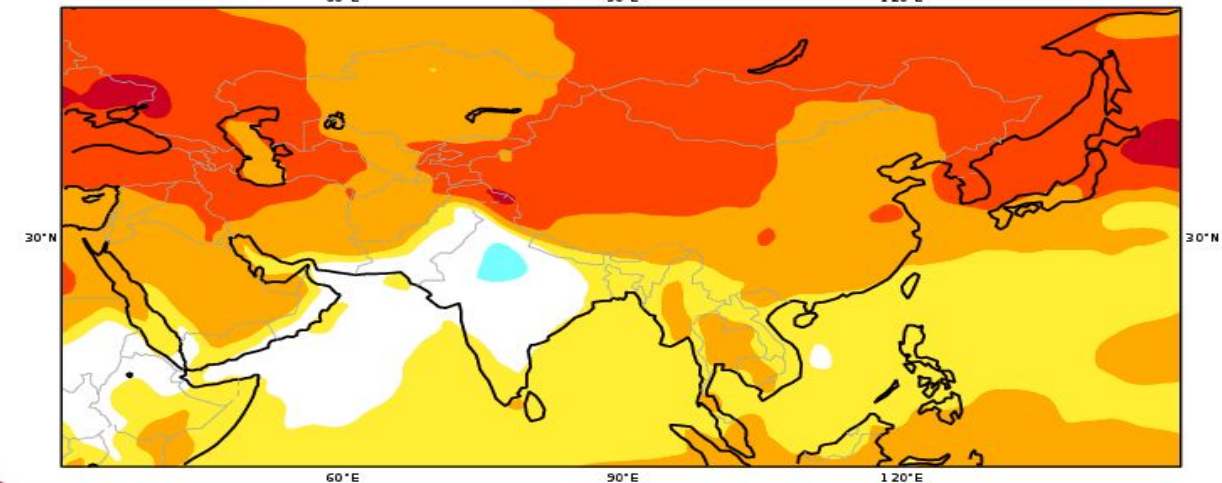
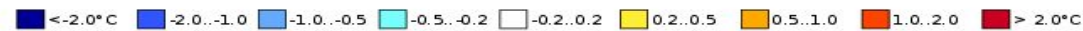
C3S multi-system seasonal forecast
Mean 2m temperature anomaly

Nominal forecast start: 01/03/25
Variance-standardized mean



C3S multi-system seasonal forecast
Mean 2m temperature anomaly

Nominal forecast start: 01/03/25
Variance-standardized mean



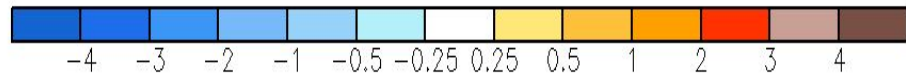
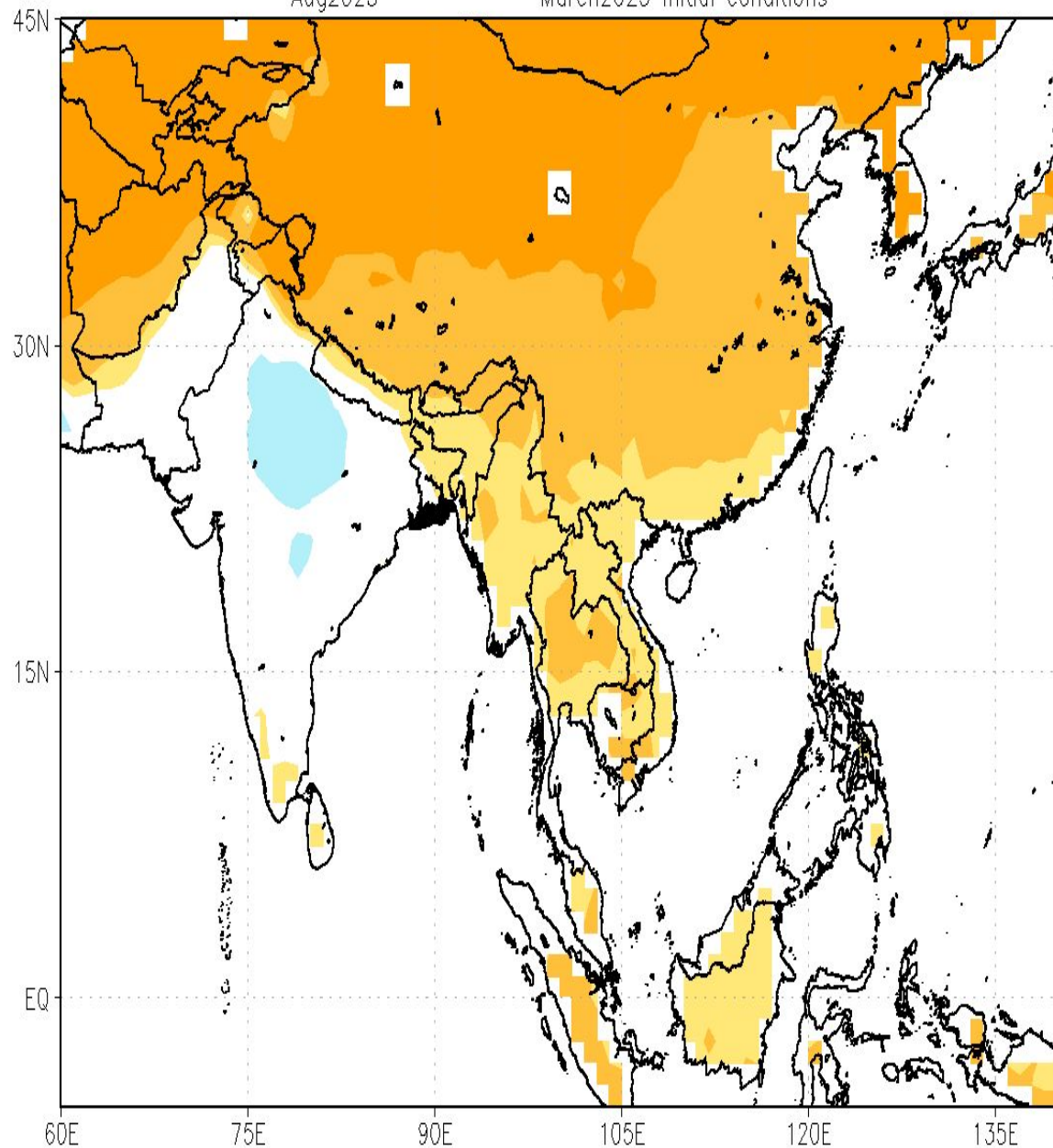
ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC
JUN 2025

ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC
JUL 2025

NMME 2-Meter Air Temp. Anomalies (deg C)

Aug2025

March2025 initial conditions



C3S multi-system seasonal forecast

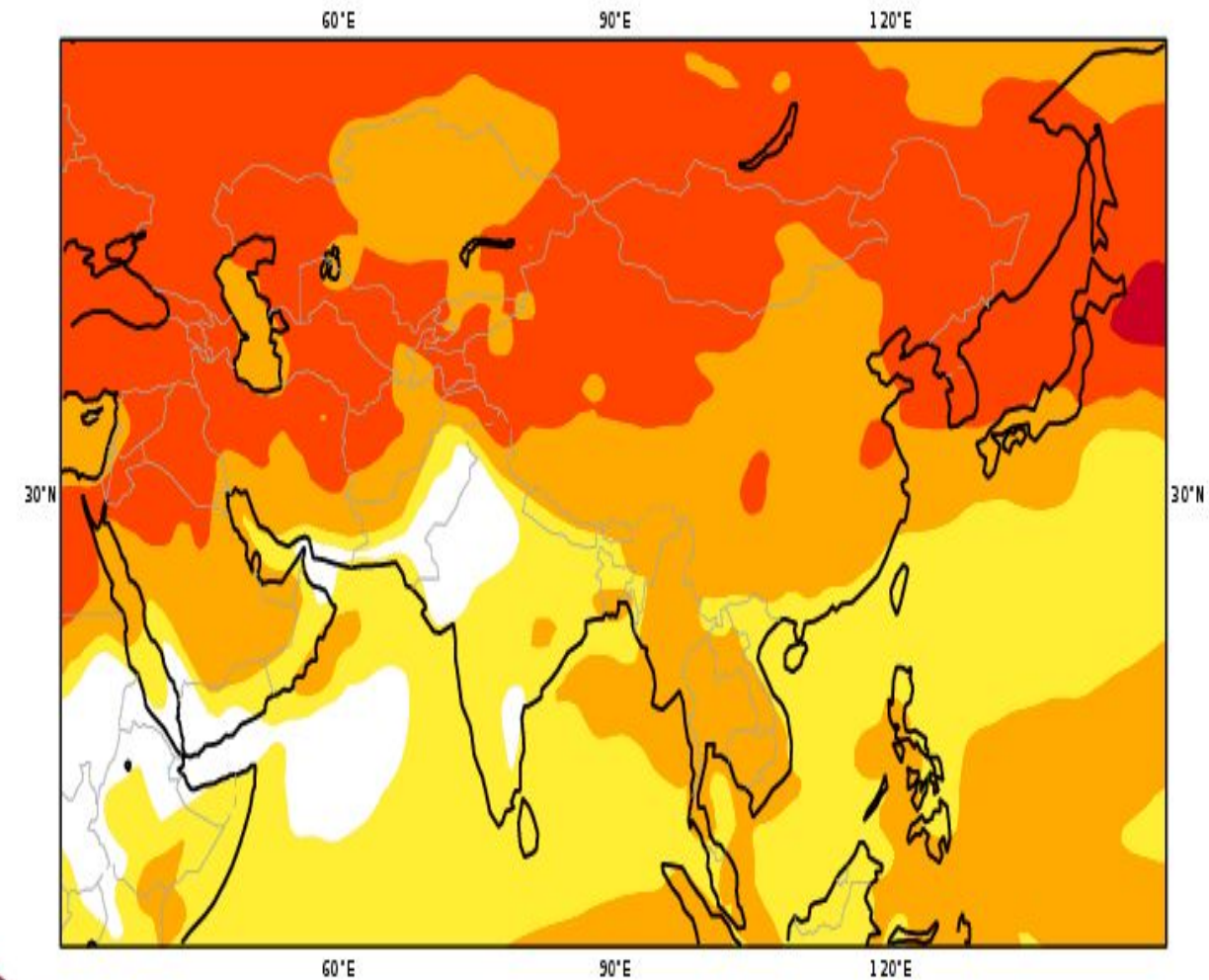
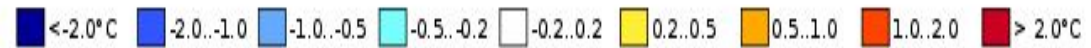
ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC

Mean 2m temperature anomaly

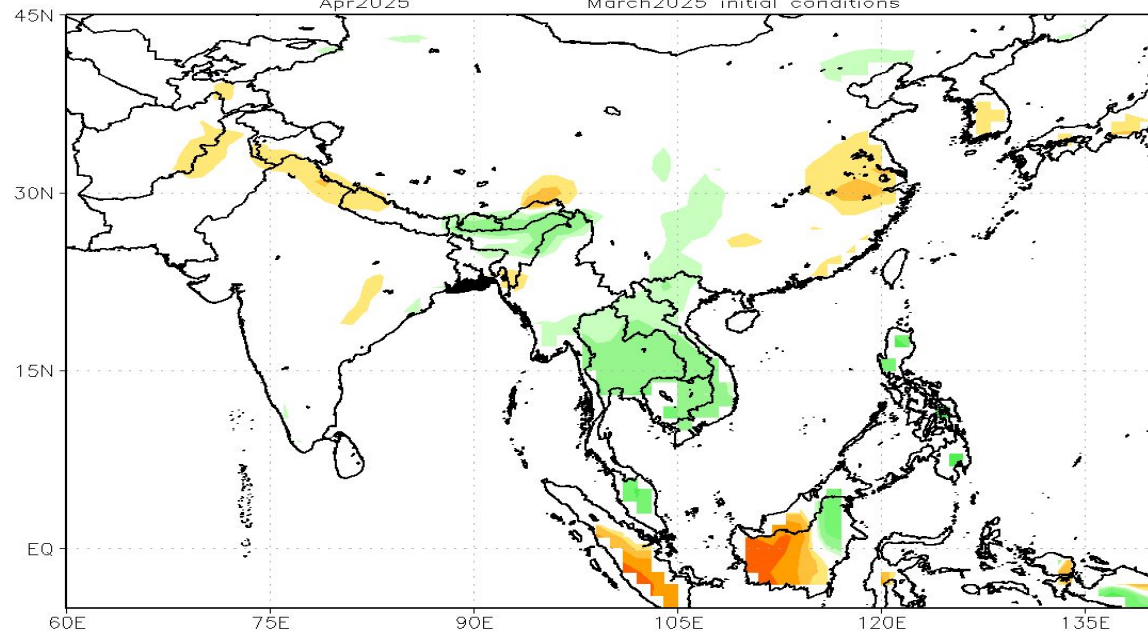
Nominal forecast start: 01/03/25

Variance-standardized mean

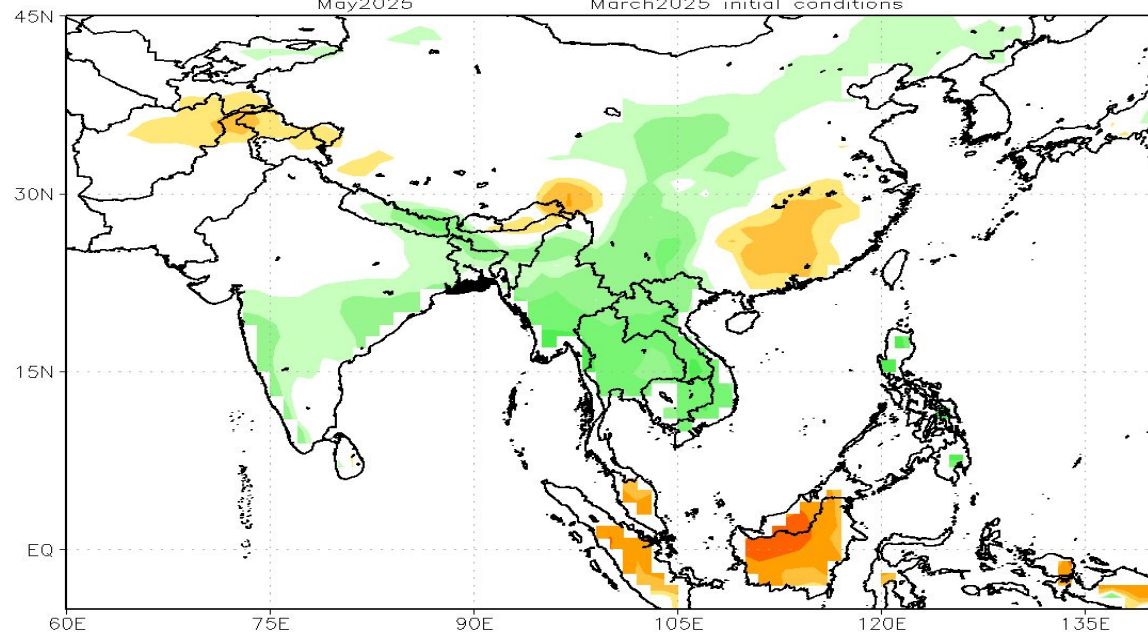
AUG 2025



NMME Precipitation Anomalies (mm/day)
Apr2025 March2025 initial conditions



NMME Precipitation Anomalies (mm/day)
May2025 March2025 initial conditions

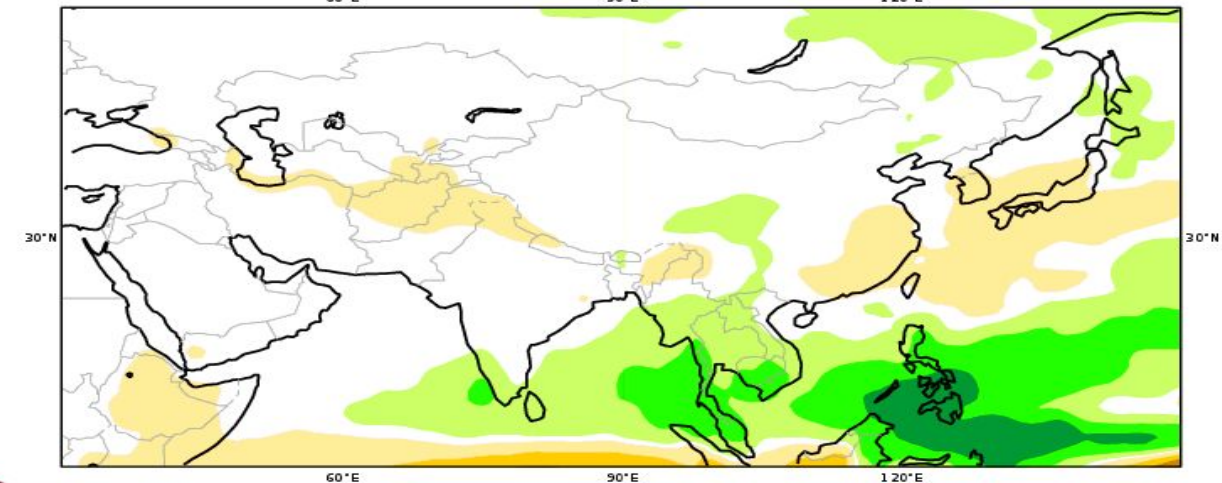


C3S multi-system seasonal forecast

Mean precipitation anomaly

Nominal forecast start: 01/03/25
Variance-standardized mean

Legend: <-100mm, -100...-50, -50...-25, -25...-5, -5...5, 5...25, 25...50, 50...100, >100mm



Climate Change Service
climate.ecmwf.eu

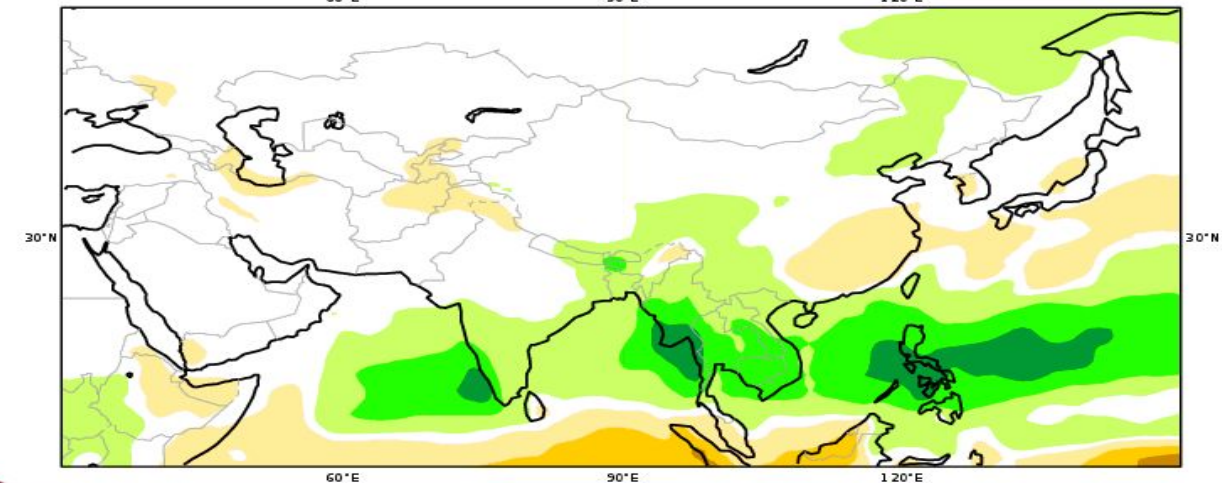
ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC
APR 2025

C3S multi-system seasonal forecast

Mean precipitation anomaly

Nominal forecast start: 01/03/25
Variance-standardized mean

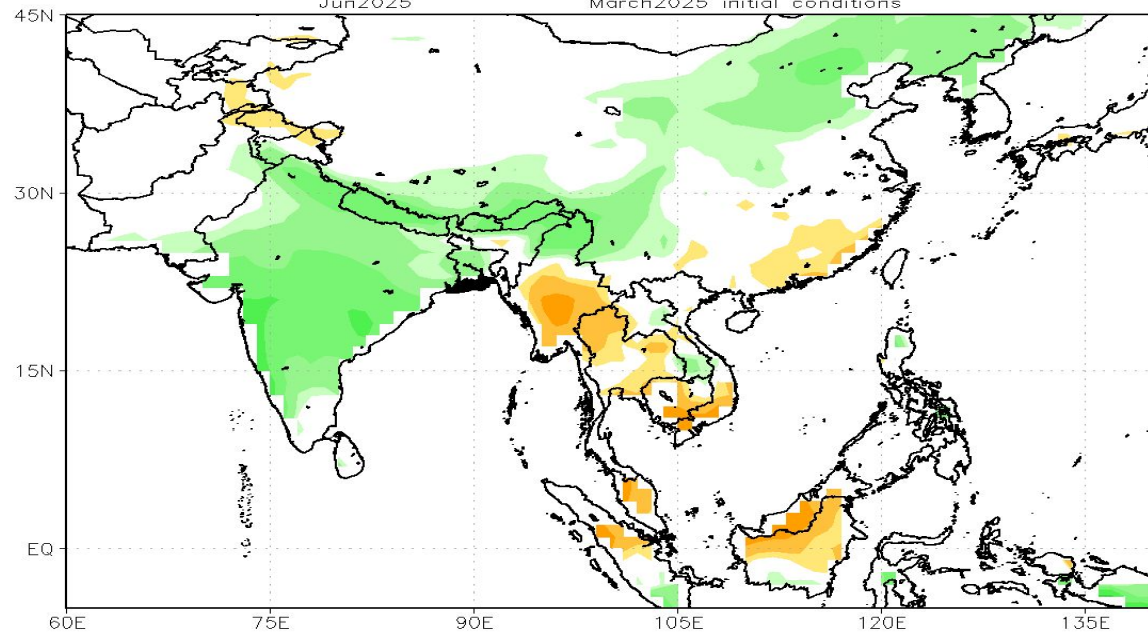
Legend: <-100mm, -100...-50, -50...-25, -25...-5, -5...5, 5...25, 25...50, 50...100, >100mm



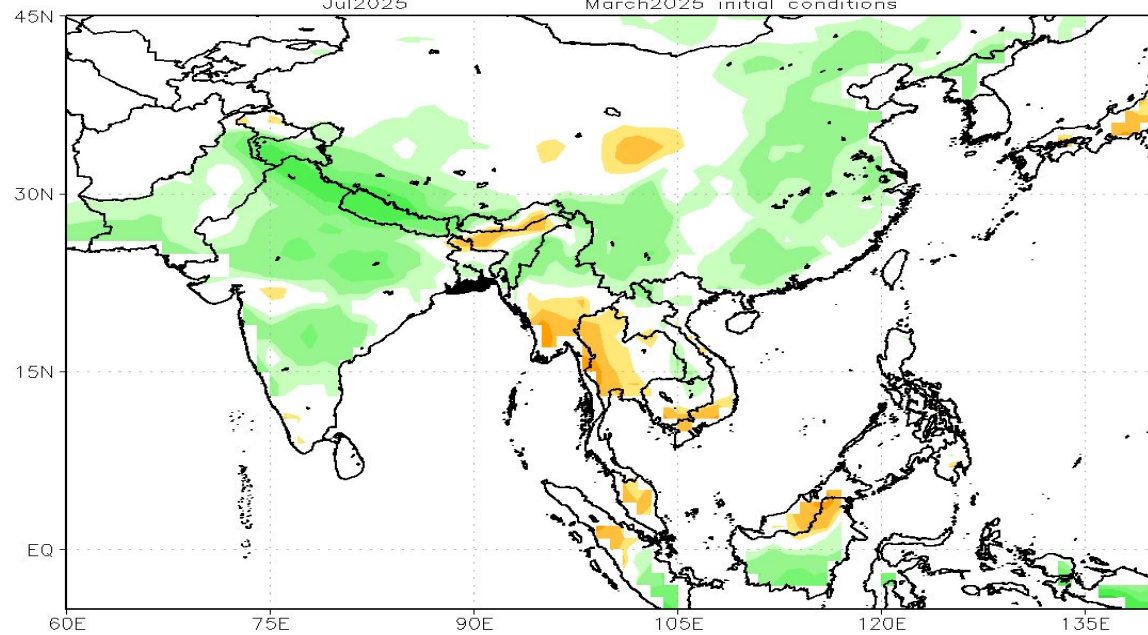
Climate Change Service
climate.ecmwf.eu

ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC
MAY 2025

NMME Precipitation Anomalies (mm/day)
Jun2025 March2025 initial conditions



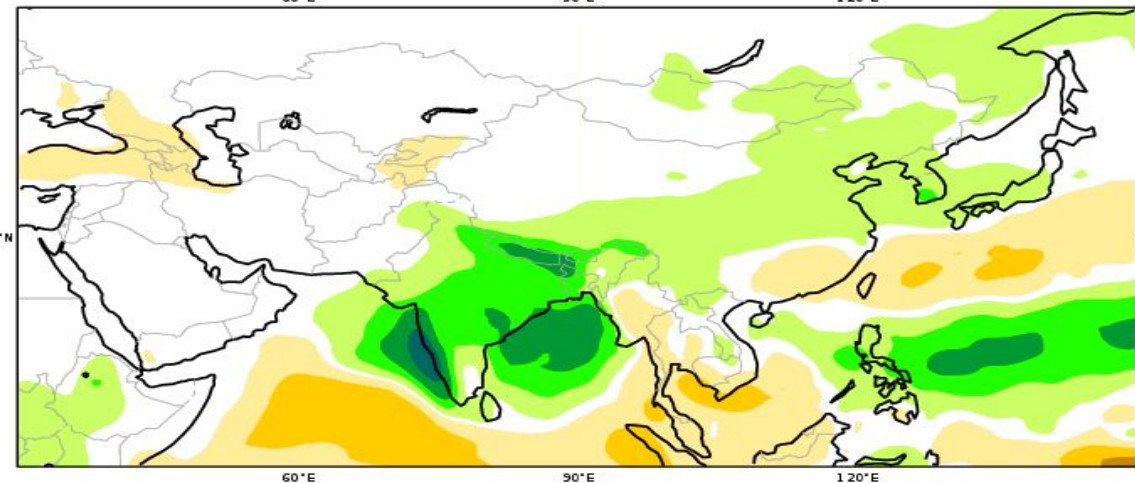
NMME Precipitation Anomalies (mm/day)
Jul2025 March2025 initial conditions



C3S multi-system seasonal forecast
Mean precipitation anomaly

Nominal forecast start: 01/03/25
Variance-standardized mean

Legend for precipitation anomalies (mm/day):
 <-100mm, -100...-50, -50...-25, -25...-5, -5...5, 5...25, 25...50, 50...100, >100mm

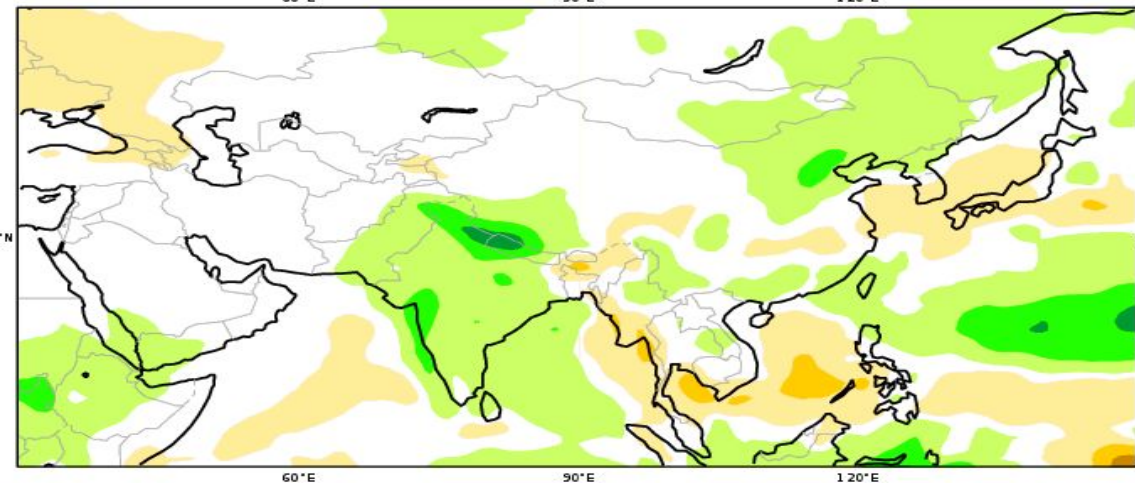


Climate Change Service
climate.copernicus.eu

C3S multi-system seasonal forecast
Mean precipitation anomaly

Nominal forecast start: 01/03/25
Variance-standardized mean

Legend for precipitation anomalies (mm/day):
 <-100mm, -100...-50, -50...-25, -25...-5, -5...5, 5...25, 25...50, 50...100, >100mm



Climate Change Service
climate.copernicus.eu

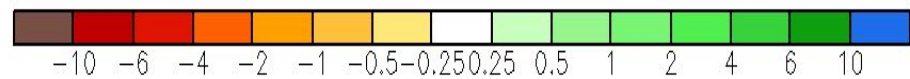
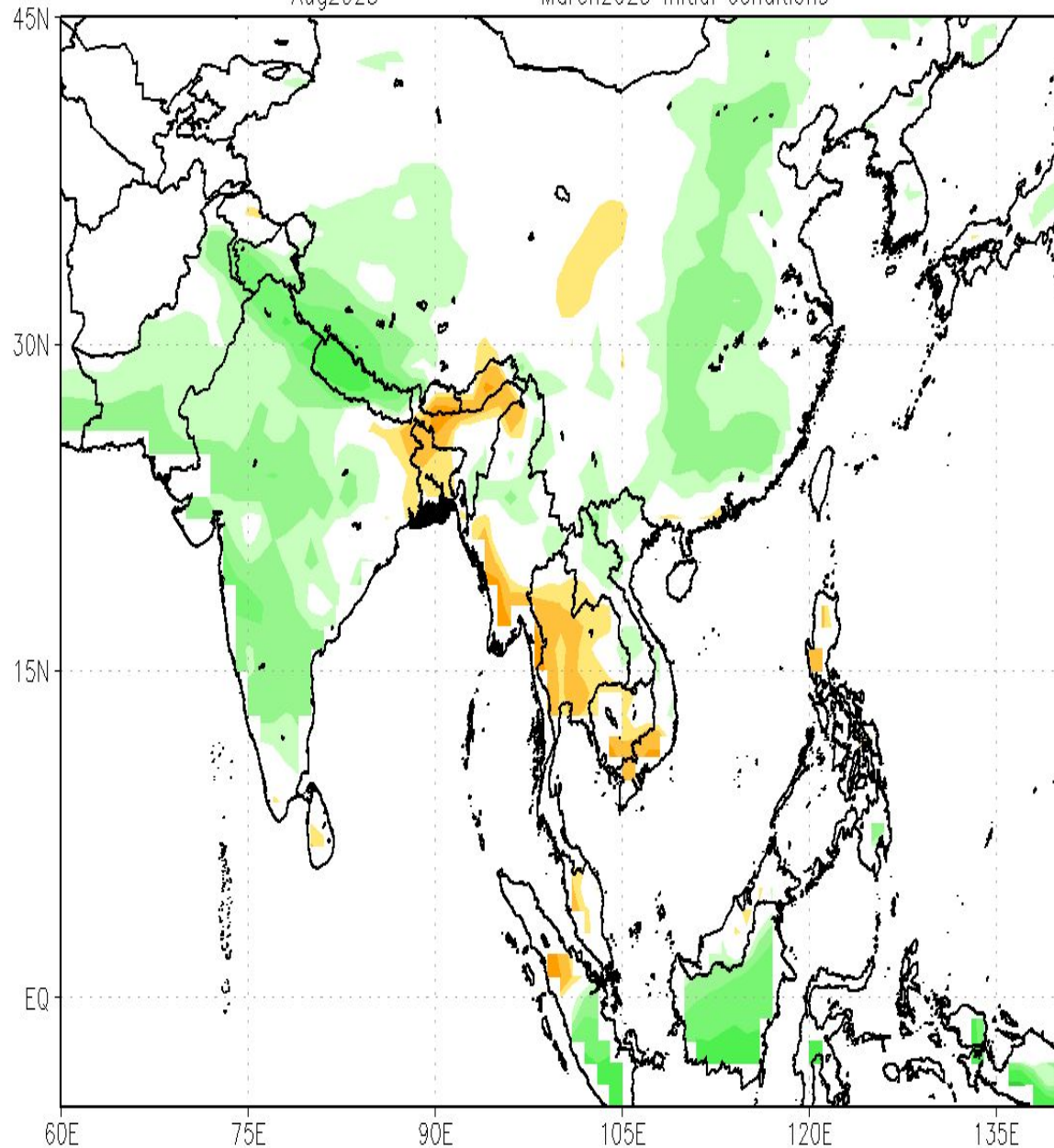
ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC
JUN 2025

ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC
JUL 2025

NMME Precipitation Anomalies (mm/day)

Aug2025

March2025 initial conditions



C3S multi-system seasonal forecast

ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC

Mean precipitation anomaly

Nominal forecast start: 01/03/25

Variance-standardized mean

AUG 2025

