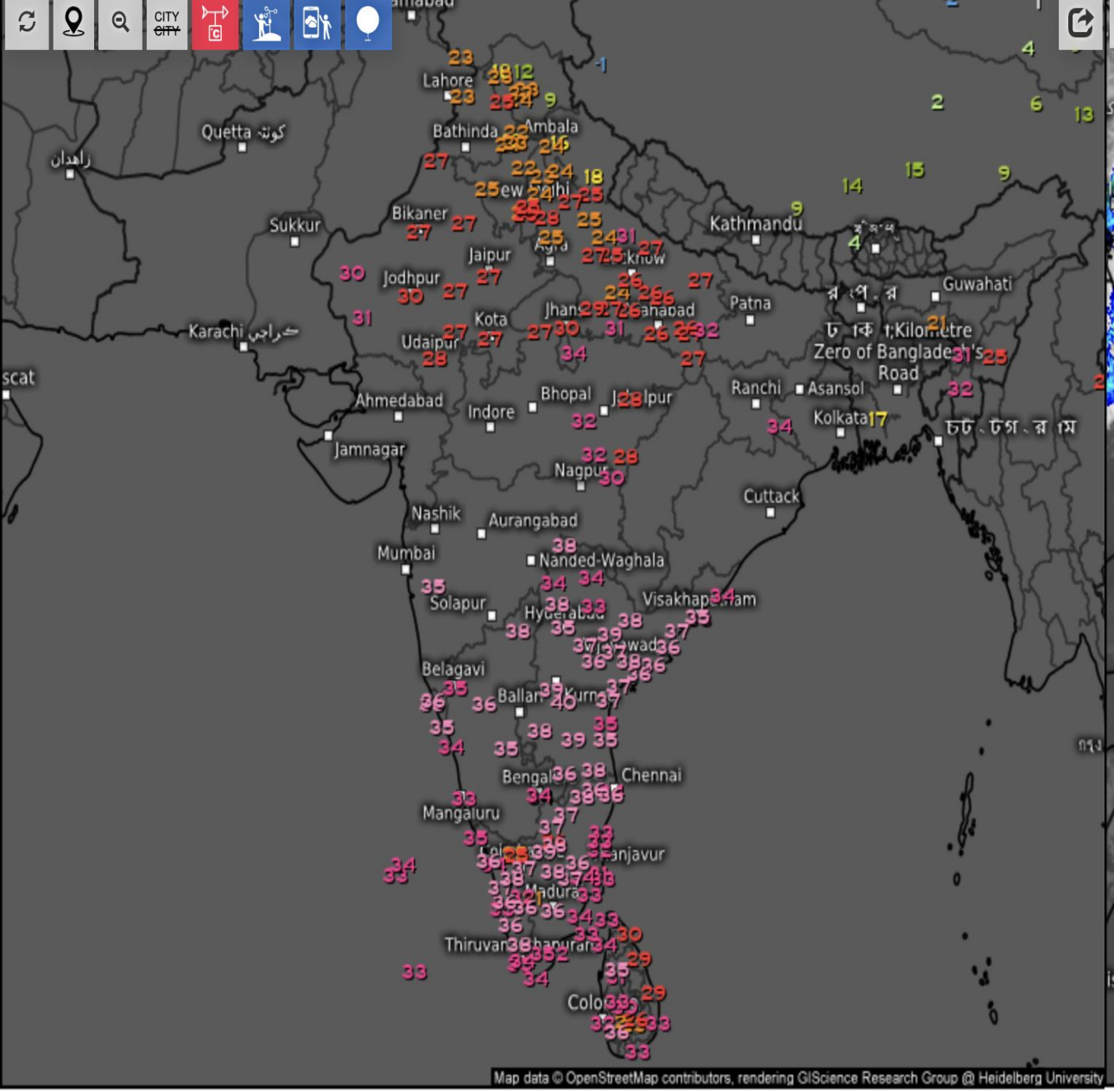
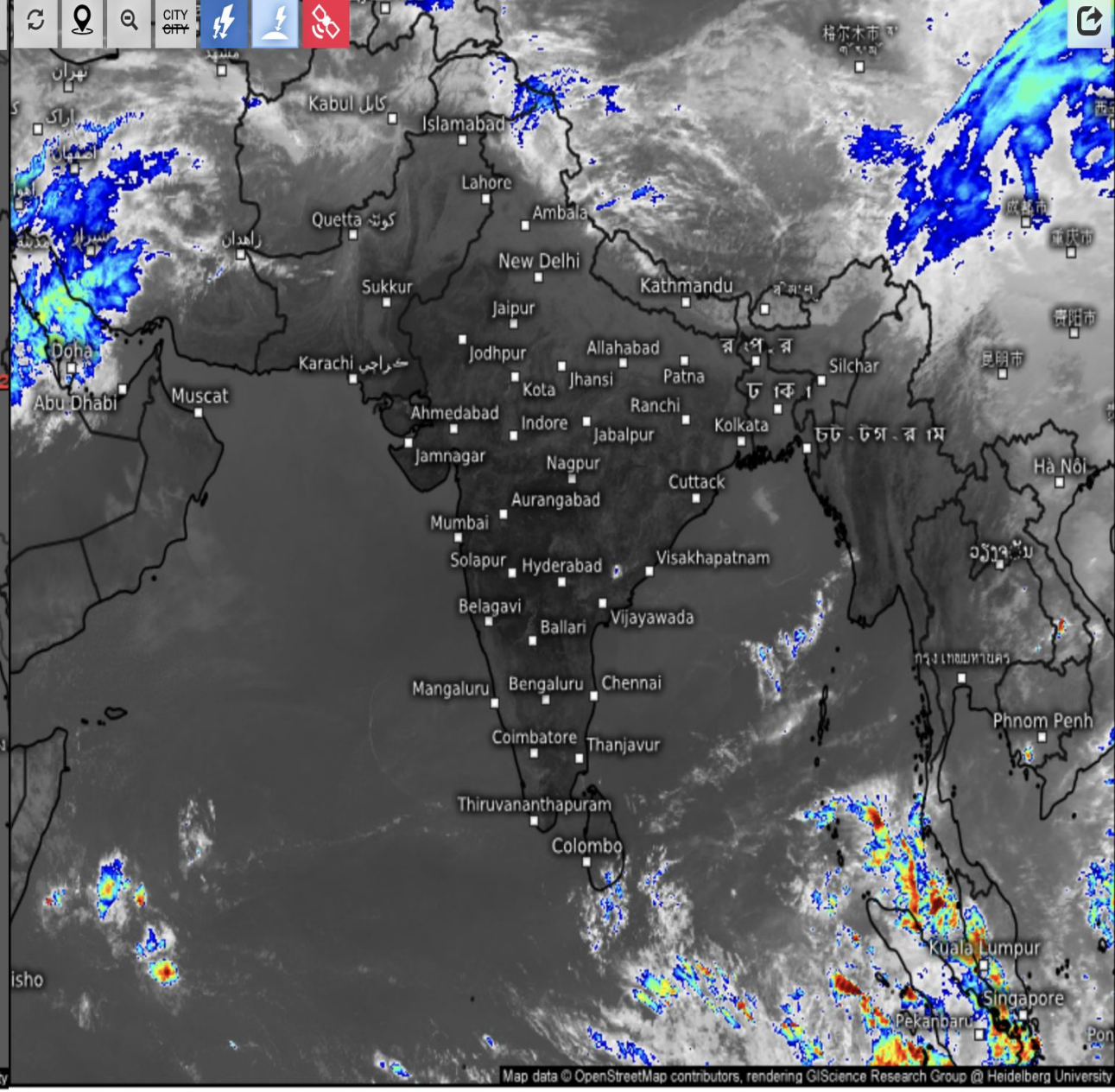




Max. temperature, 12h (°C)

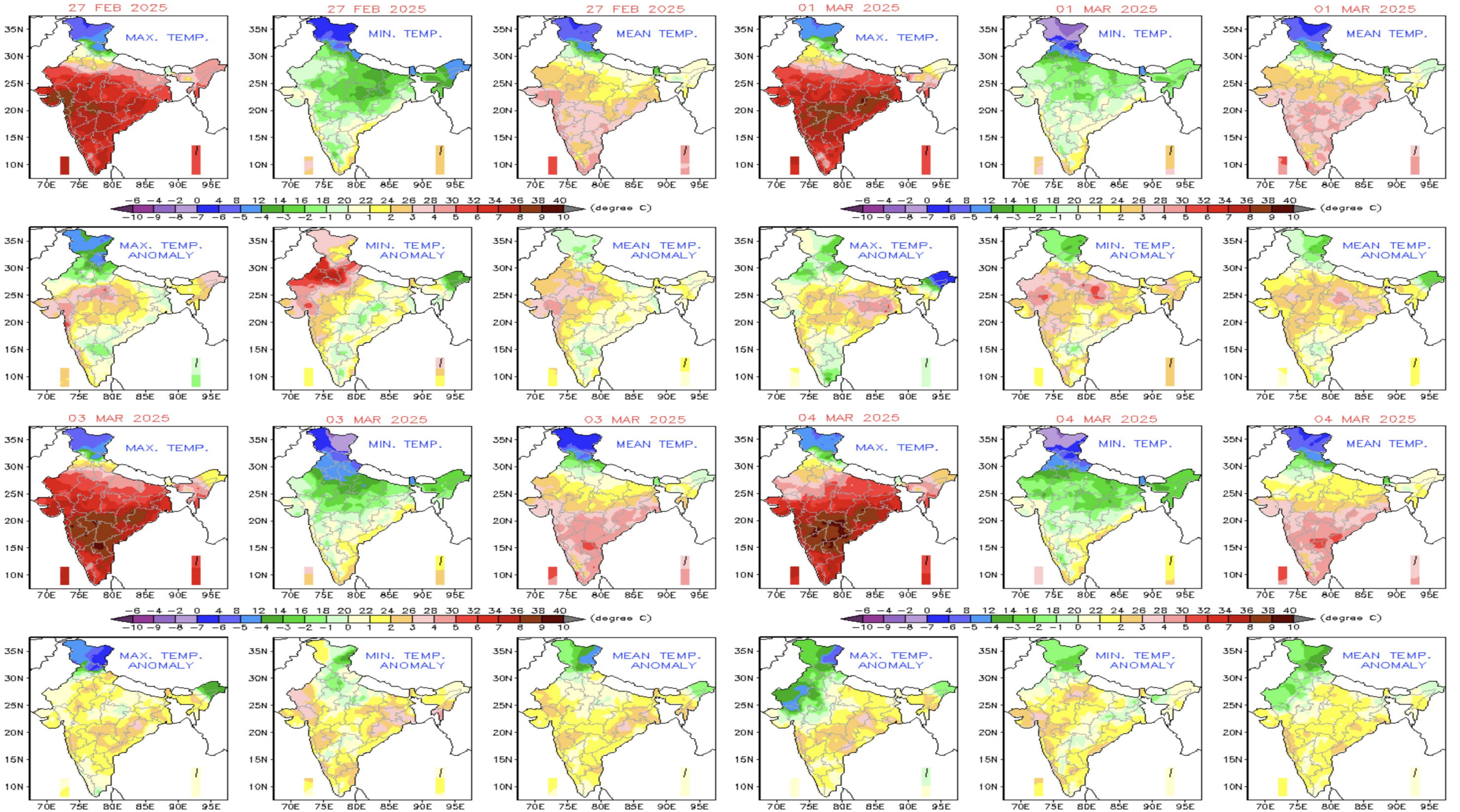
Thu 03/06/2025, 08:30am IST

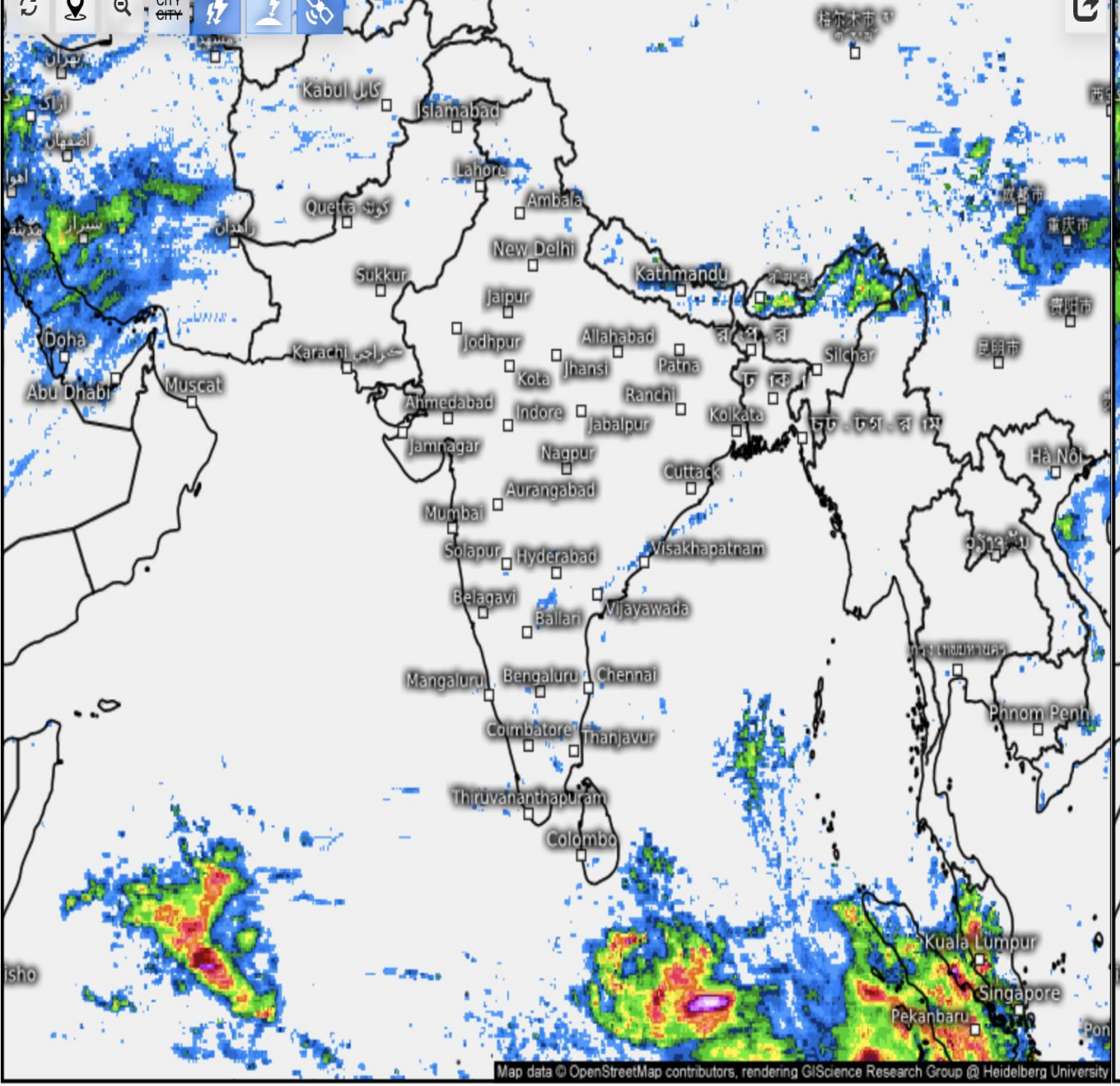
-20 -15 -10 -5 -1 0 1 5 10 15 20 25 30 35 40

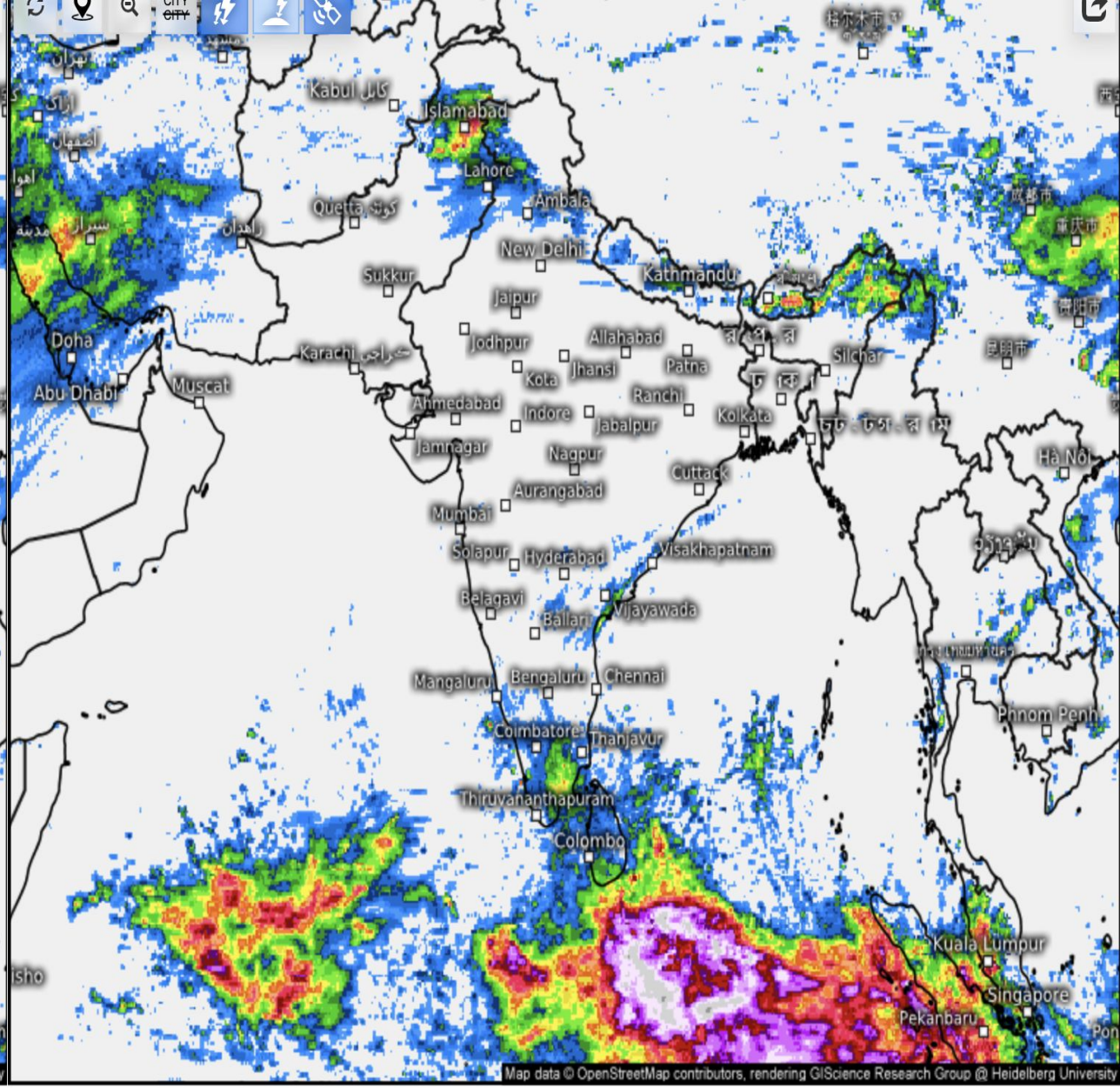
Satellite Cloud Tops Alert

Thu 03/06/2025, 10:30am IST

-90 -80 -70 -65 -60 -55 -50 -45 -40 -30 -10 0 10 30 50

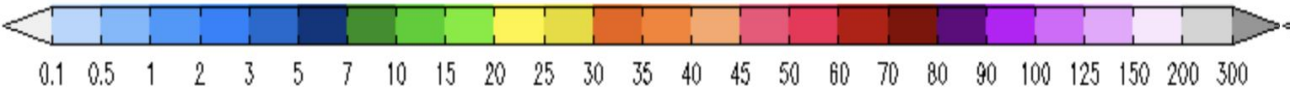

27 FEB 2025
MAX. TEMP.
27 FEB 2025
MIN. TEMP.
27 FEB 2025
MEAN TEMP.
01 MAR 2025
MAX. TEMP.
01 MAR 2025
MIN. TEMP.
01 MAR 2025
MEAN TEMP.
MAX. TEMP. ANOMALY
MIN. TEMP. ANOMALY
MEAN TEMP. ANOMALY
MAX. TEMP. ANOMALY
MIN. TEMP. ANOMALY
MEAN TEMP. ANOMALY
03 MAR 2025
MAX. TEMP.
03 MAR 2025
MIN. TEMP.
03 MAR 2025
MEAN TEMP.
04 MAR 2025
MAX. TEMP.
04 MAR 2025
MIN. TEMP.
04 MAR 2025
MEAN TEMP.
MAX. TEMP. ANOMALY
MIN. TEMP. ANOMALY
MEAN TEMP. ANOMALY
MAX. TEMP. ANOMALY
MIN. TEMP. ANOMALY
MEAN TEMP. ANOMALY
35N 30N 25N 20N 15N 10N
70E 75E 80E 85E 90E 95E
−6 −4 −2 0 4 8 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40
−10 −9 −8 −7 −6 −5 −4 −3 −2 −1 0 1 2 3 4 5 6 7 8 9 10
(degree C)





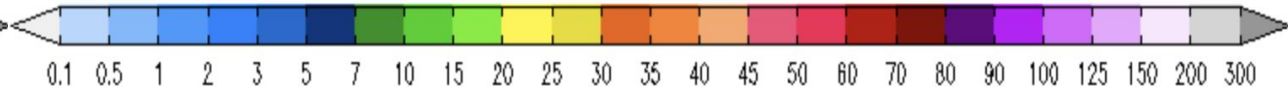
Accumulated Precipitation, 24h (Satellite) (mm)

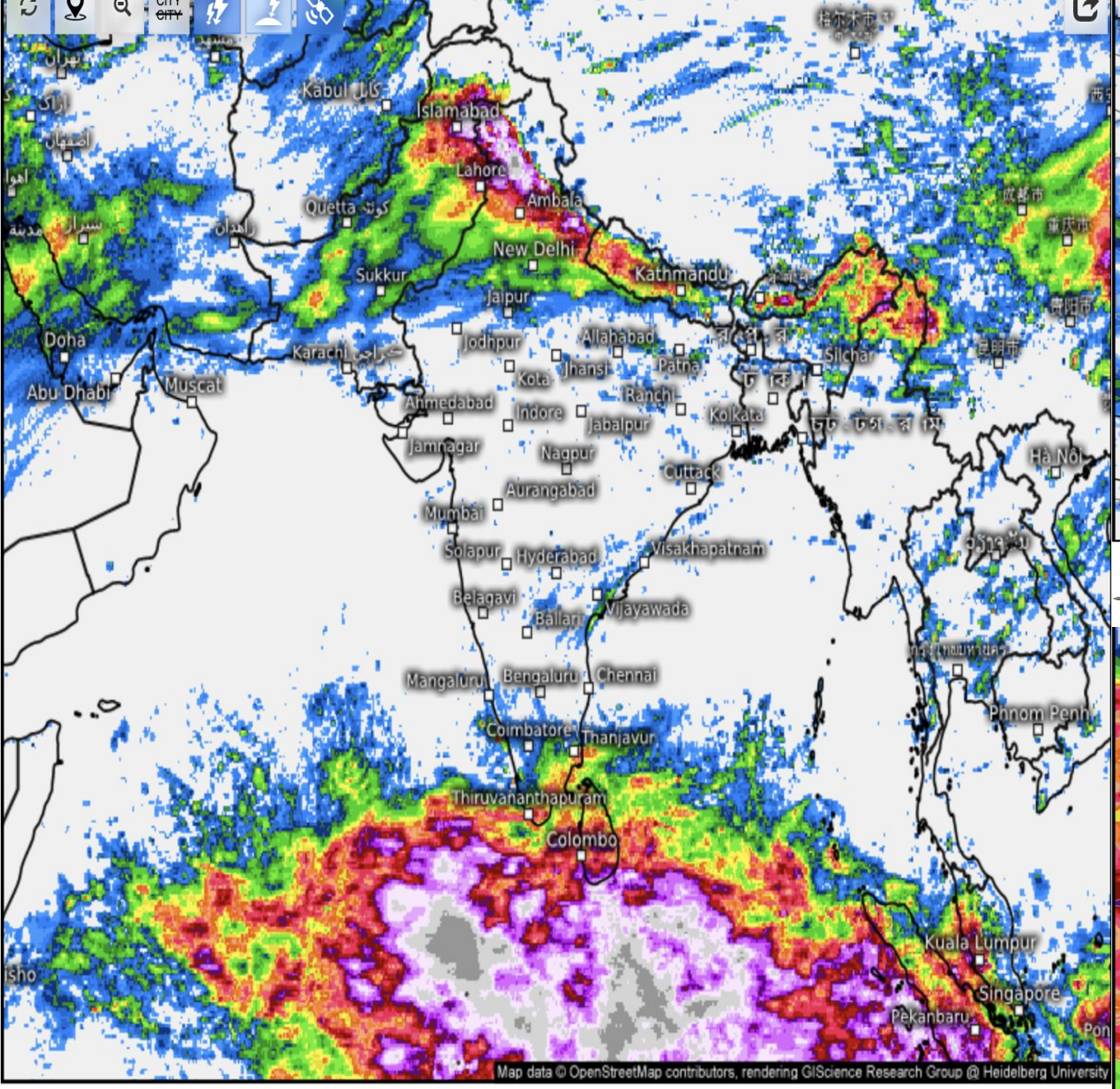
Thu 03/06/2025, 05:30am IST

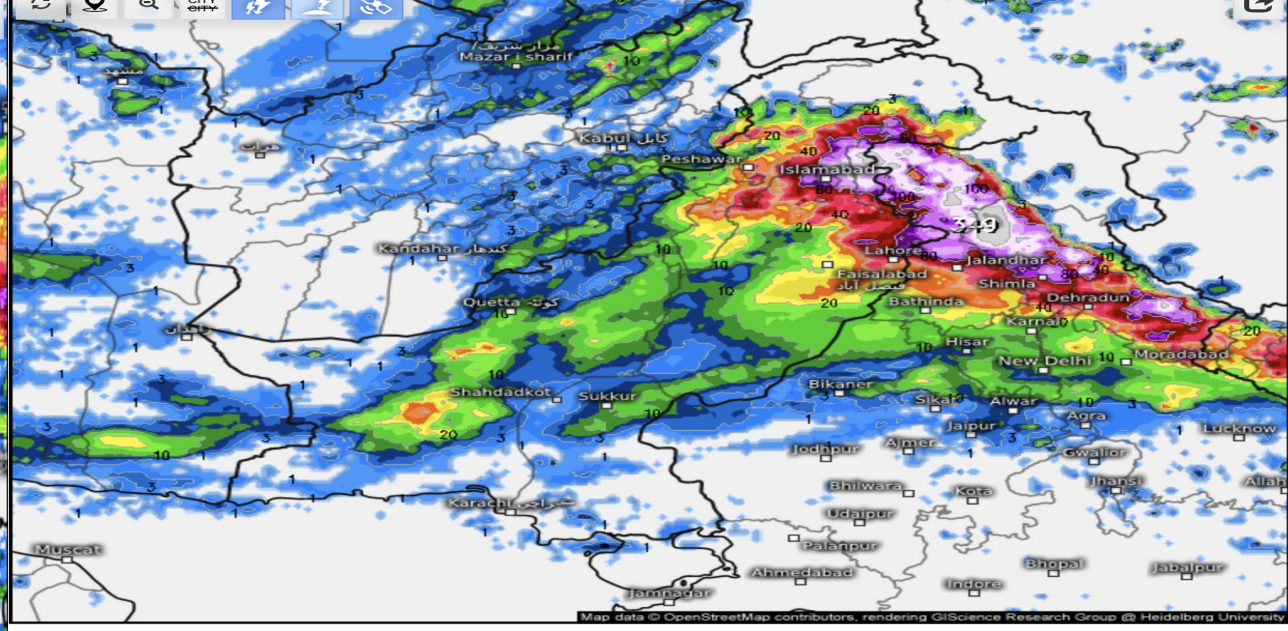


Accumulated Precipitation, 72h (Satellite) (mm)

Thu 03/06/2025, 05:30am IST

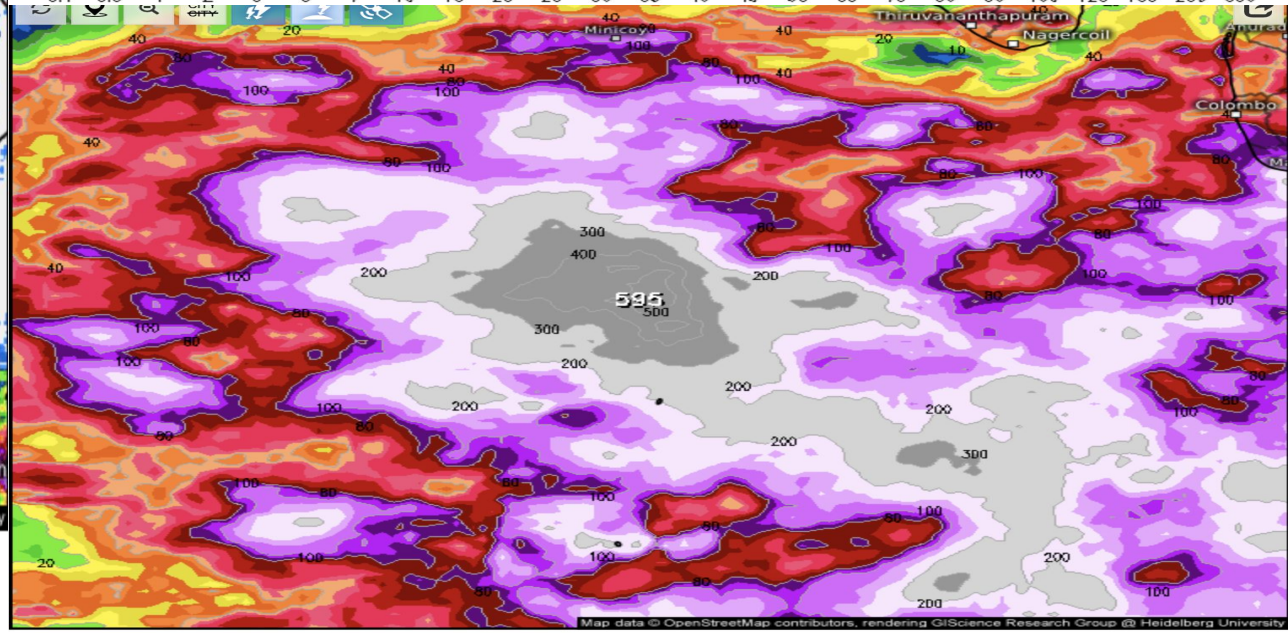






Accumulated Precipitation, 7 days (Satellite) (mm) Thu 03/06/2025, 05:30am IST

0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300



Accumulated Precipitation, 7 days (Satellite) (mm) Thu 03/06/2025, 05:30am IST

0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

Day 1 (08:30 IST 05/3/2025 – 08:30 IST 06/3/2025)

Day 2 (08:30 IST 04/3/2025 – 08:30 IST 06/3/2025)

Day 3 (08:30 IST 03/3/2025 – 08:30 IST 06/3/2025)

Day 4 (08:30 IST 02/3/2025 – 08:30 IST 06/3/2025)

Day 5 (08:30 IST 01/3/2025 – 08:30 IST 06/3/2025)

Day 6 (08:30 IST 28/2/2025 – 08:30 IST 06/3/2025)

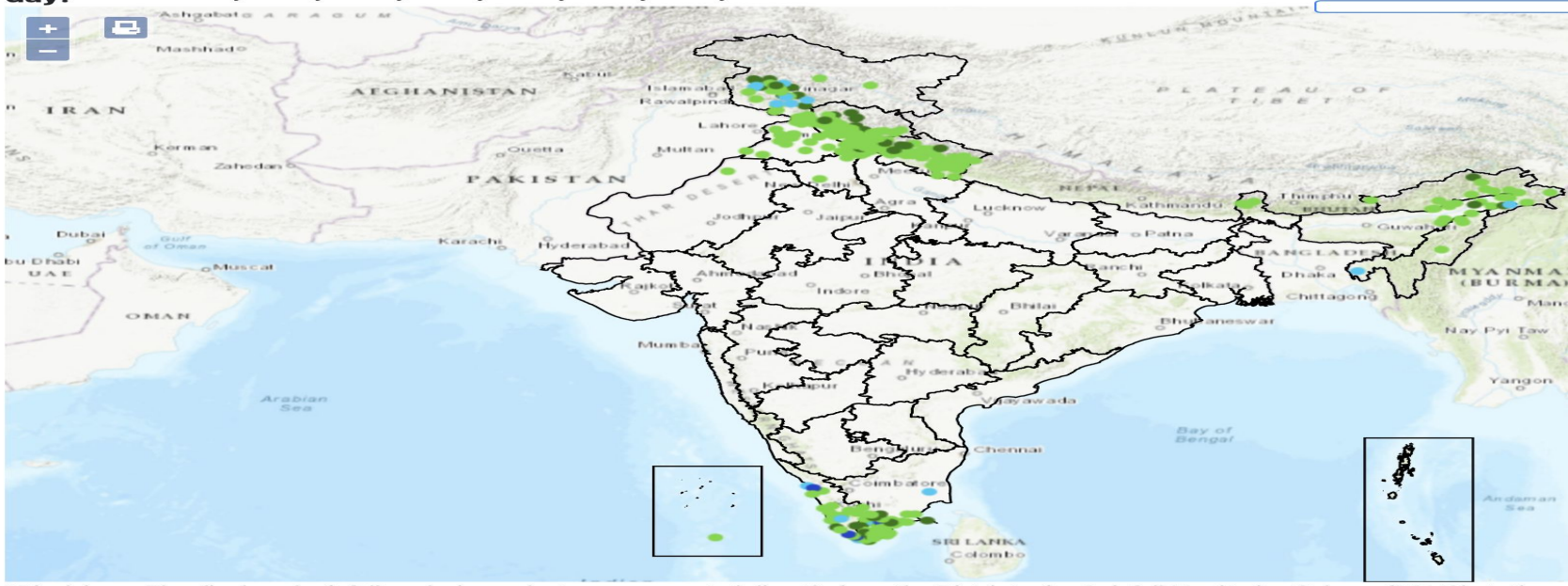
Day 7 (08:30 IST 27/2/2025 – 08:30 IST 06/3/2025)

Legend: (Rainfall in mm)

- 0.1 - 15
- 15 - 35
- 35 - 65
- 65 - 115
- 115 - 200

Select day: Day1 Day2 Day3 Day4 Day5 Day6 Day7

Set Opacity



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

Day 1 (08:30 IST 05/3/2025 – 08:30 IST 06/3/2025)

Day 2 (08:30 IST 04/3/2025 – 08:30 IST 06/3/2025)

Day 3 (08:30 IST 03/3/2025 – 08:30 IST 06/3/2025)

Day 4 (08:30 IST 02/3/2025 – 08:30 IST 06/3/2025)

Day 5 (08:30 IST 01/3/2025 – 08:30 IST 06/3/2025)

Day 6 (08:30 IST 28/2/2025 – 08:30 IST 06/3/2025)

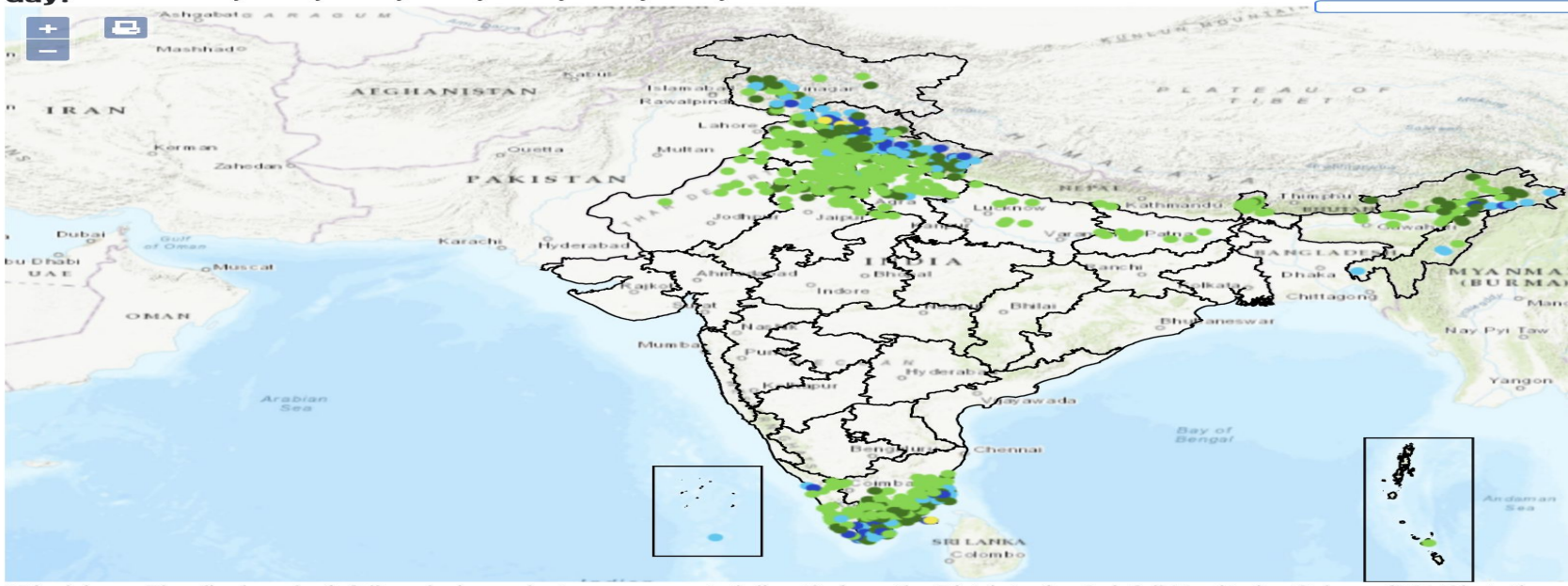
Day 7 (08:30 IST 27/2/2025 – 08:30 IST 06/3/2025)

Legend: (Rainfall in mm)

- 0.1 - 15
- 15 - 35
- 35 - 65
- 65 - 115
- 115 - 200

Select day: Day1 Day2 Day3 Day4 Day5 Day6 Day7

Set Opacity



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

Day 1 (08:30 IST 05/3/2025 - 08:30 IST 06/3/2025)

Day 2 (08:30 IST 04/3/2025 - 08:30 IST 06/3/2025)

Day 3 (08:30 IST 03/3/2025 - 08:30 IST 06/3/2025)

Day 4 (08:30 IST 02/3/2025 - 08:30 IST 06/3/2025)

Day 5 (08:30 IST 01/3/2025 - 08:30 IST 06/3/2025)

Day 6 (08:30 IST 28/2/2025 - 08:30 IST 06/3/2025)

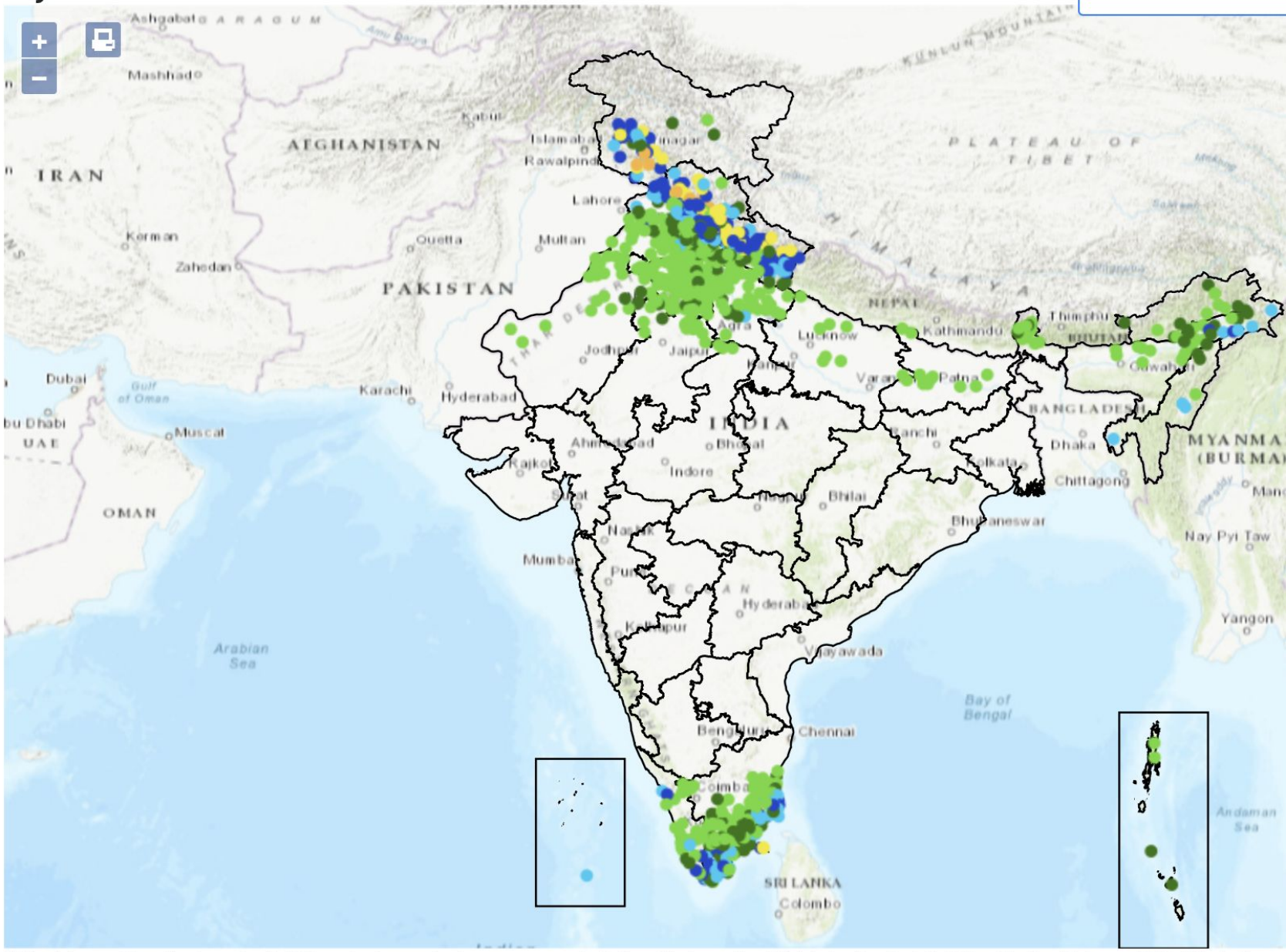
Day 7 (08:30 IST 27/2/2025 - 08:30 IST 06/3/2025)

Legend: (Rainfall in mm)

- 0.1 - 15
- 15 - 35
- 35 - 65
- 65 - 115
- 115 - 200

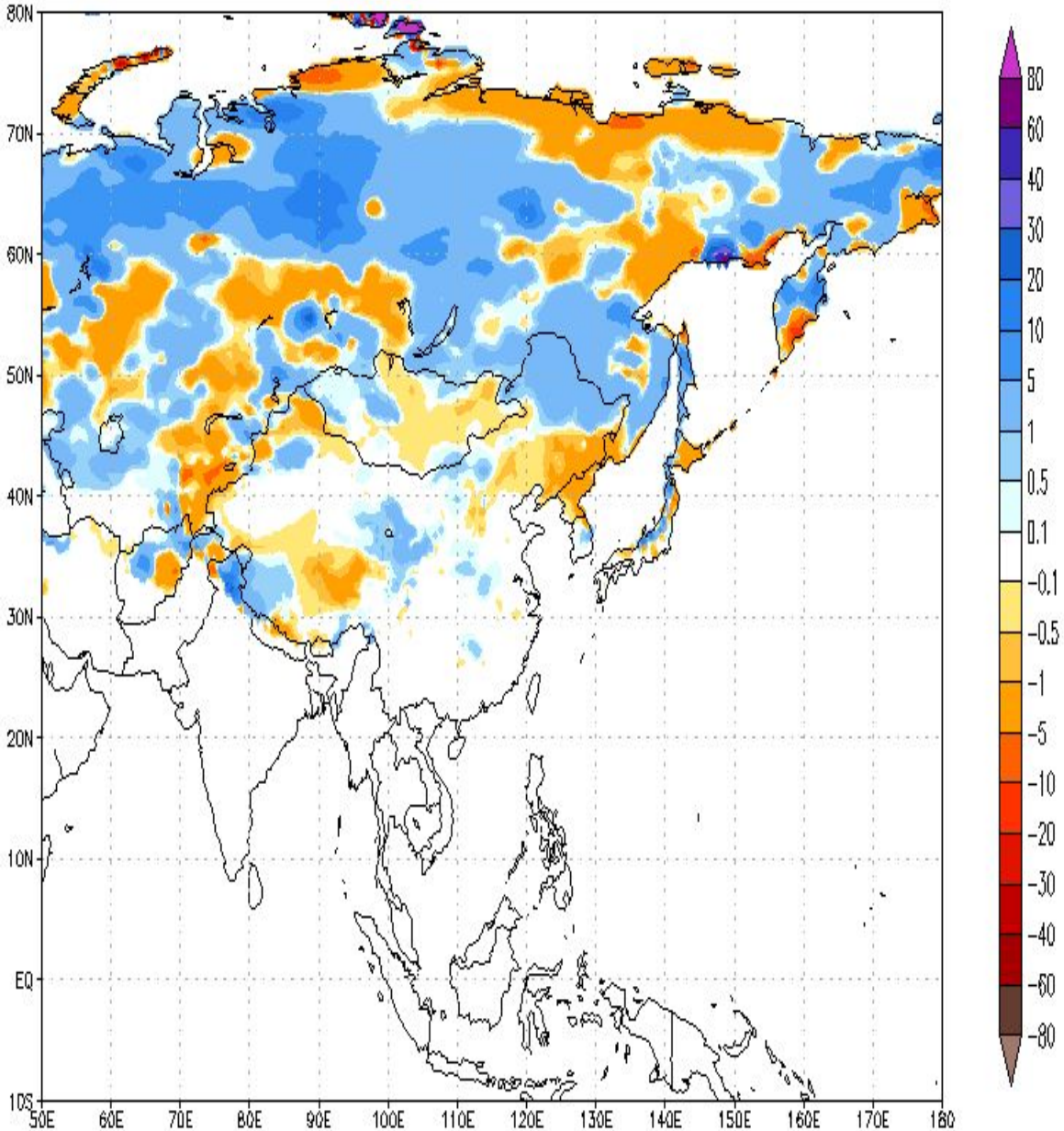
Select day: Day1 Day2 Day3 Day4 Day5 Day6 Day7

Set Opacity

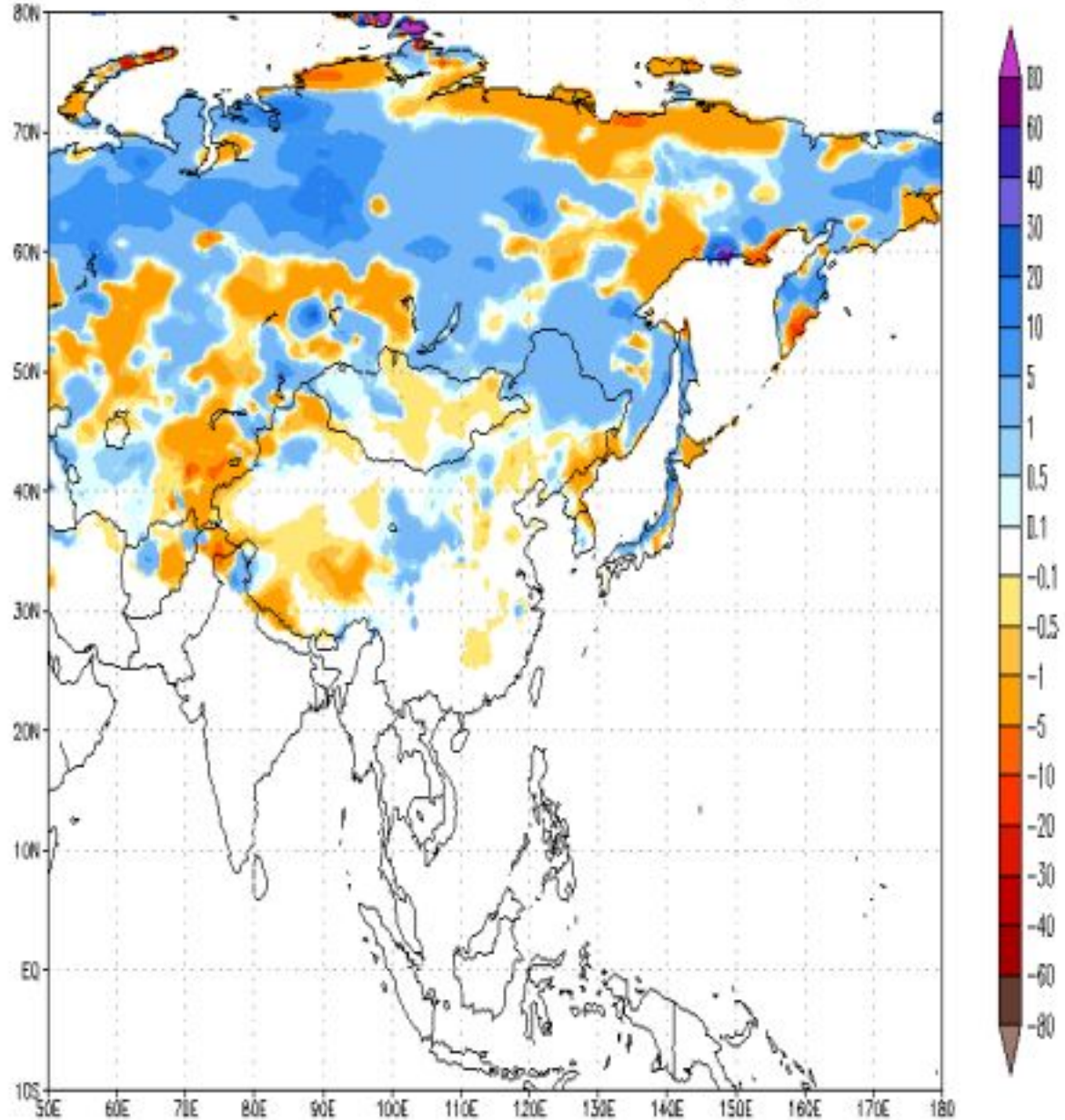


"Disclaimer: The displayed rainfall analysis products are generated directly from the District-wise Rainfall Monitoring Scheme(DRMS) stations

Calculated Snow Water Equivalent Anomaly (cm) 20250304

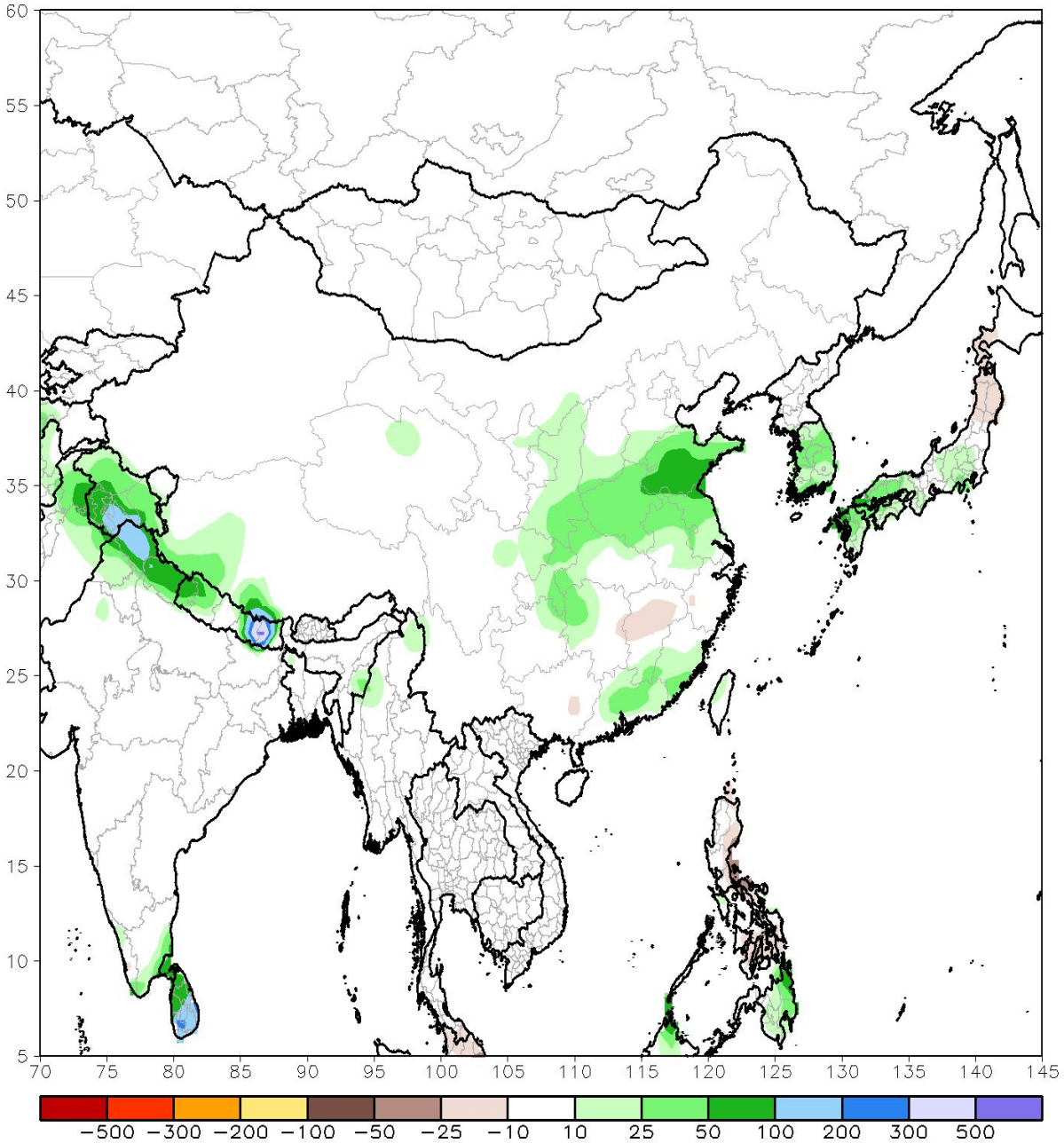


Calculated Snow Water Equivalent Anomaly (cm) 20250225



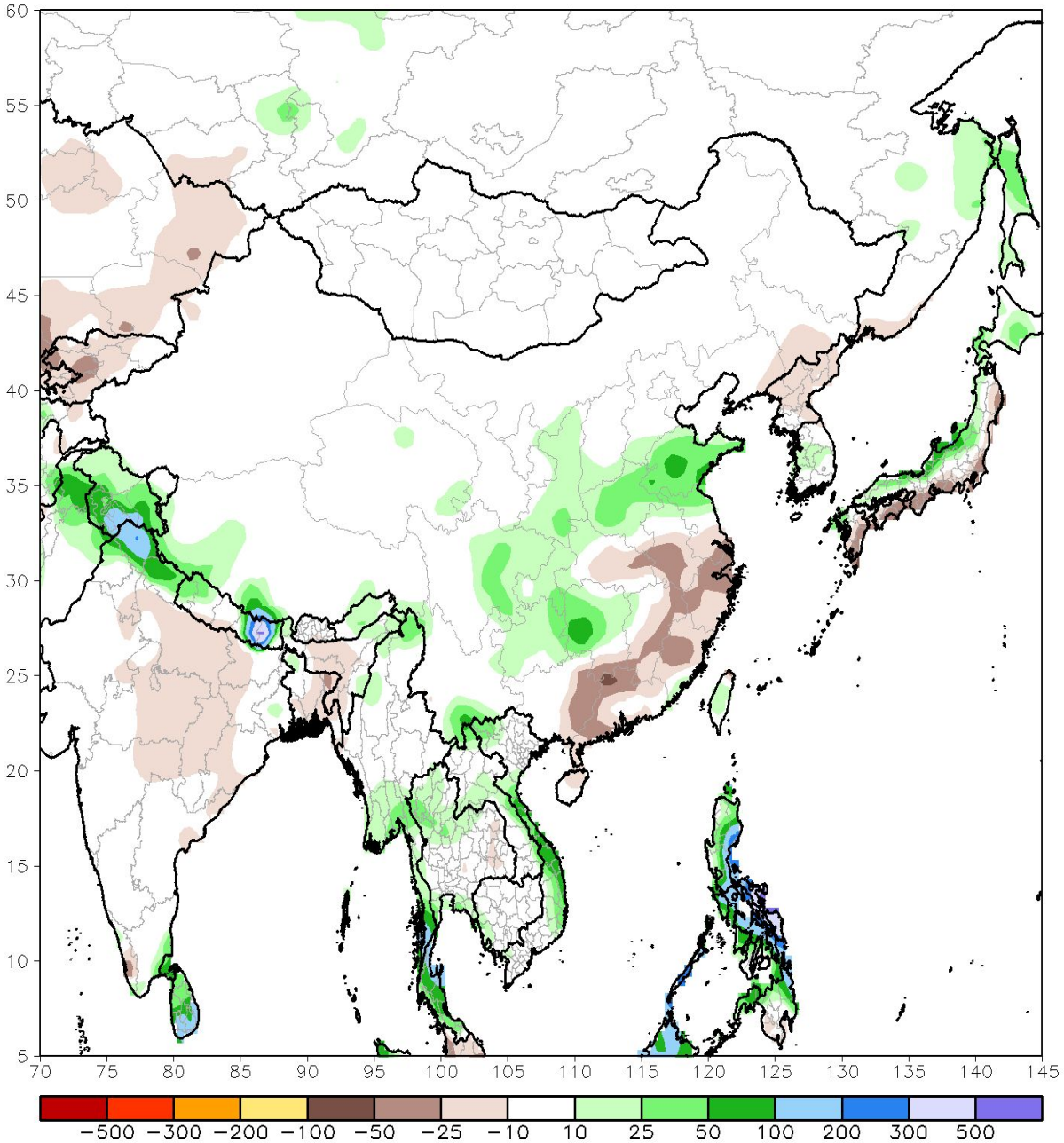
CPC Unified Gauge 7-Day Total Rainfall Anomaly (mm)

Period: 26Feb2025 - 04Mar2025



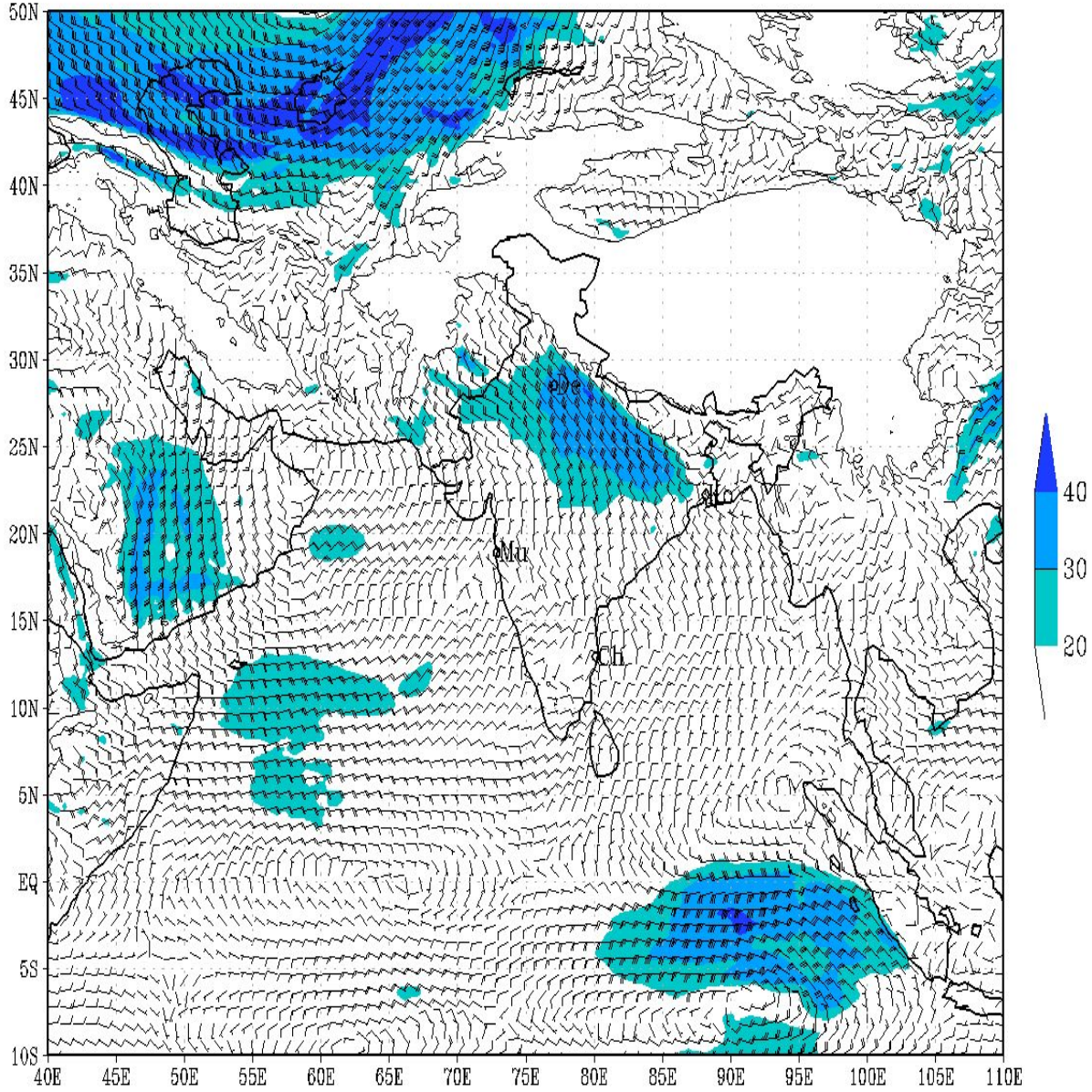
CPC Unified Gauge 30-Day Total Rainfall Anomaly (mm)

Period: 03Feb2025 - 04Mar2025



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

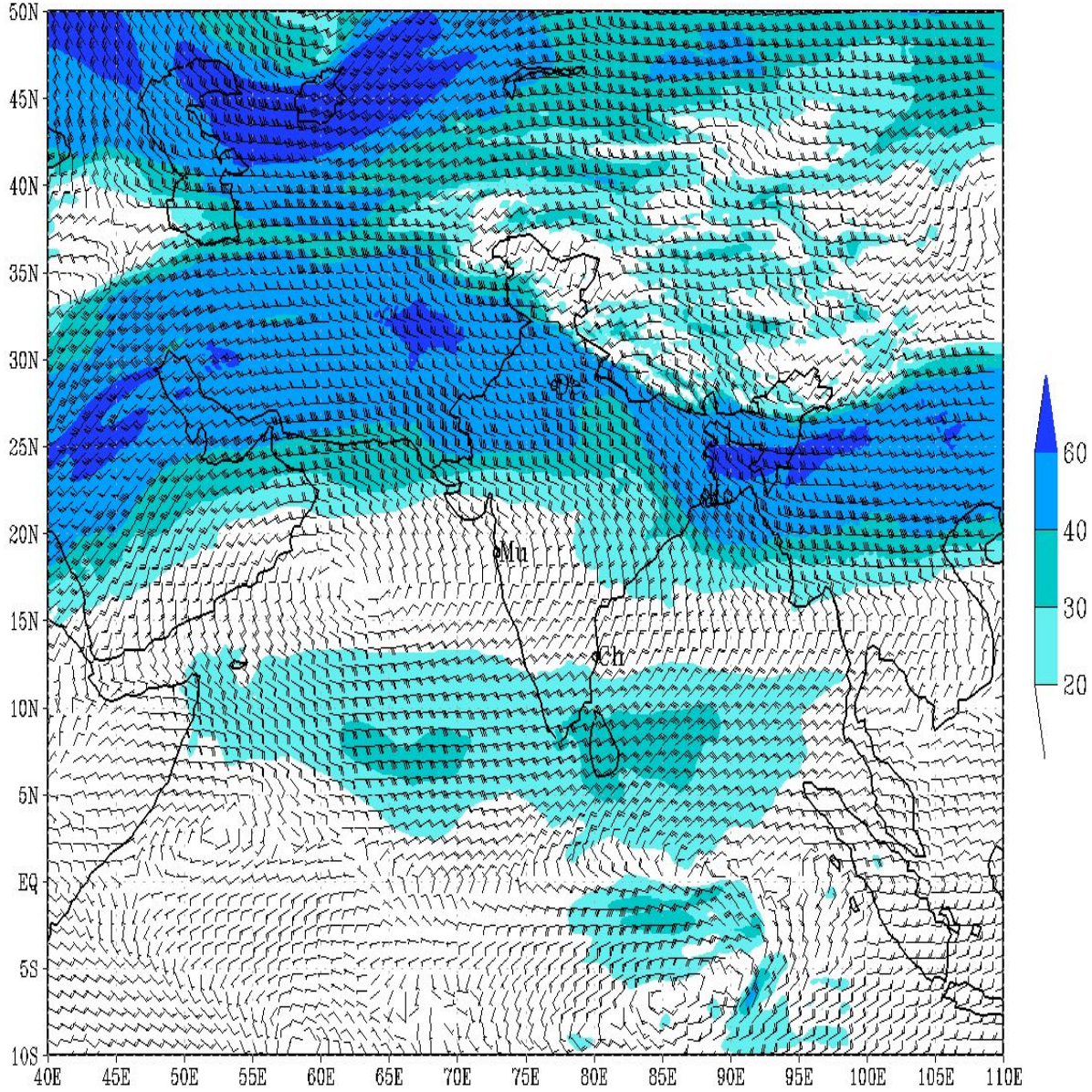
based on 00 UTC of 06-03-2025 valid for 00 UTC of 06-03-2025



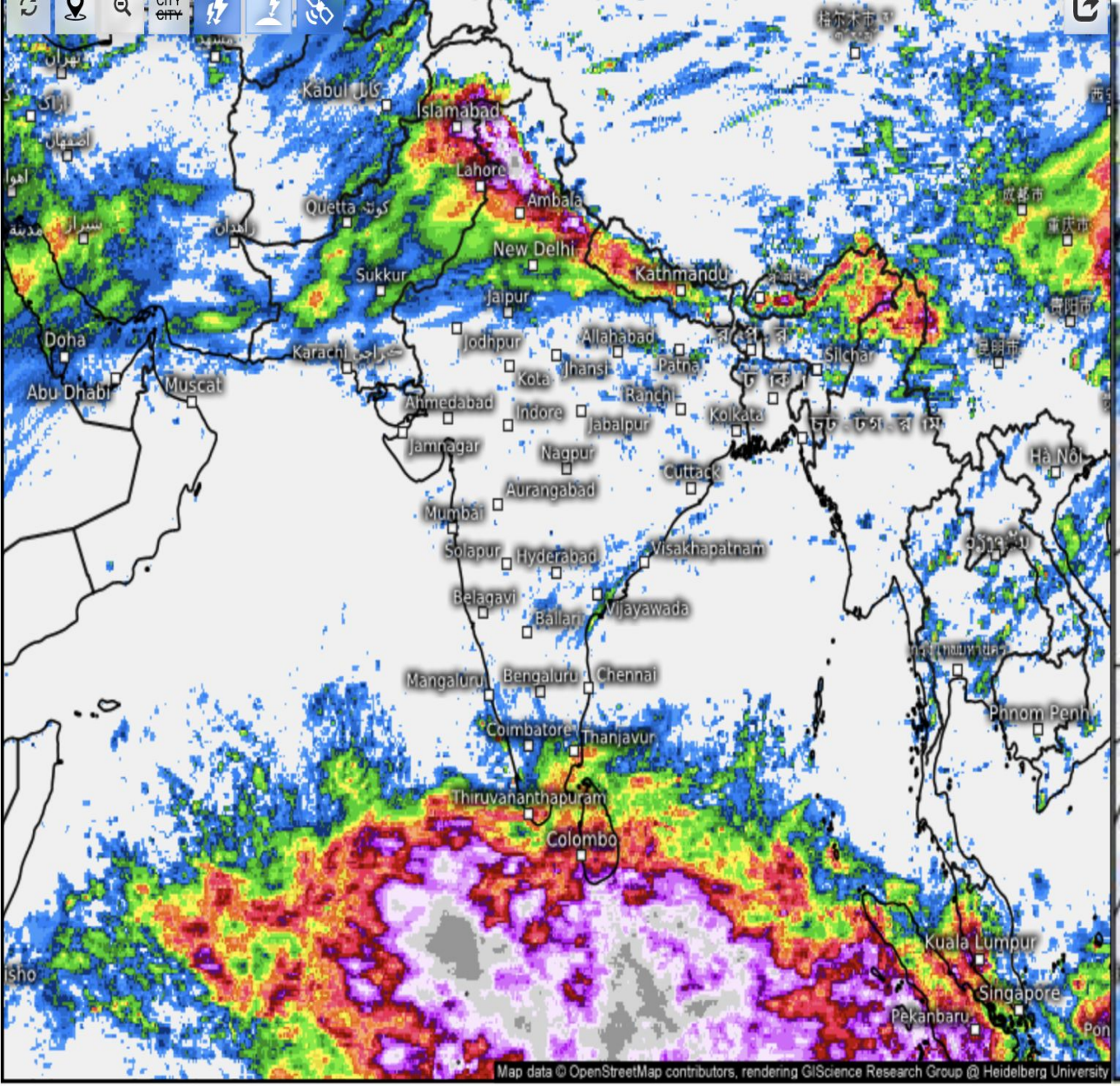
(Background does not depict political boundary)

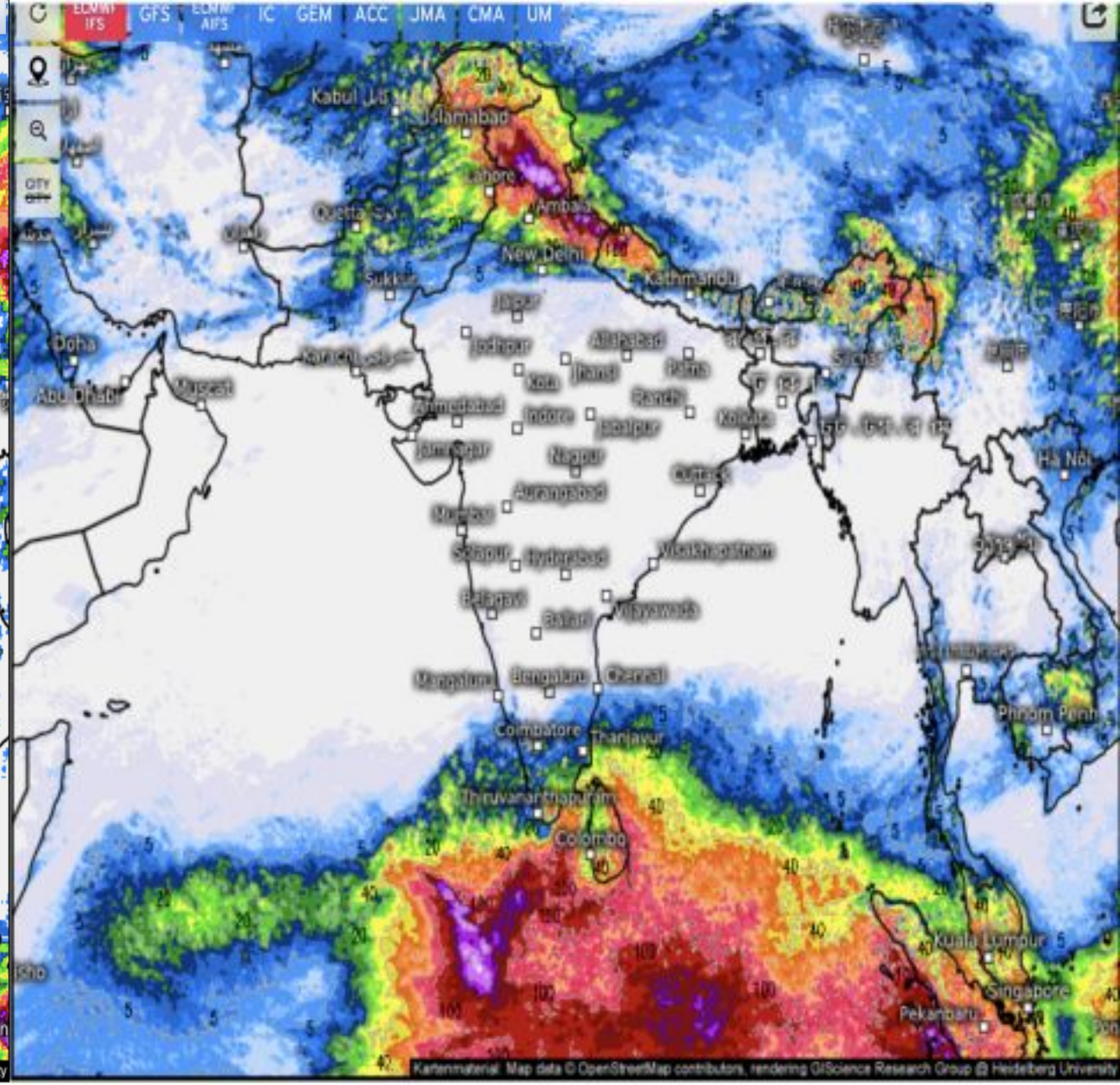
IMD:GFS MODEL(12 Km) 500 hPa WIND (kt) FORECAST (00 HR)

based on 00 UTC of 06-03-2025 valid for 00 UTC of 06-03-2025



(Background does not depict political boundary)





Accumulated Precipitation, 7 days (Satellite) (mm)

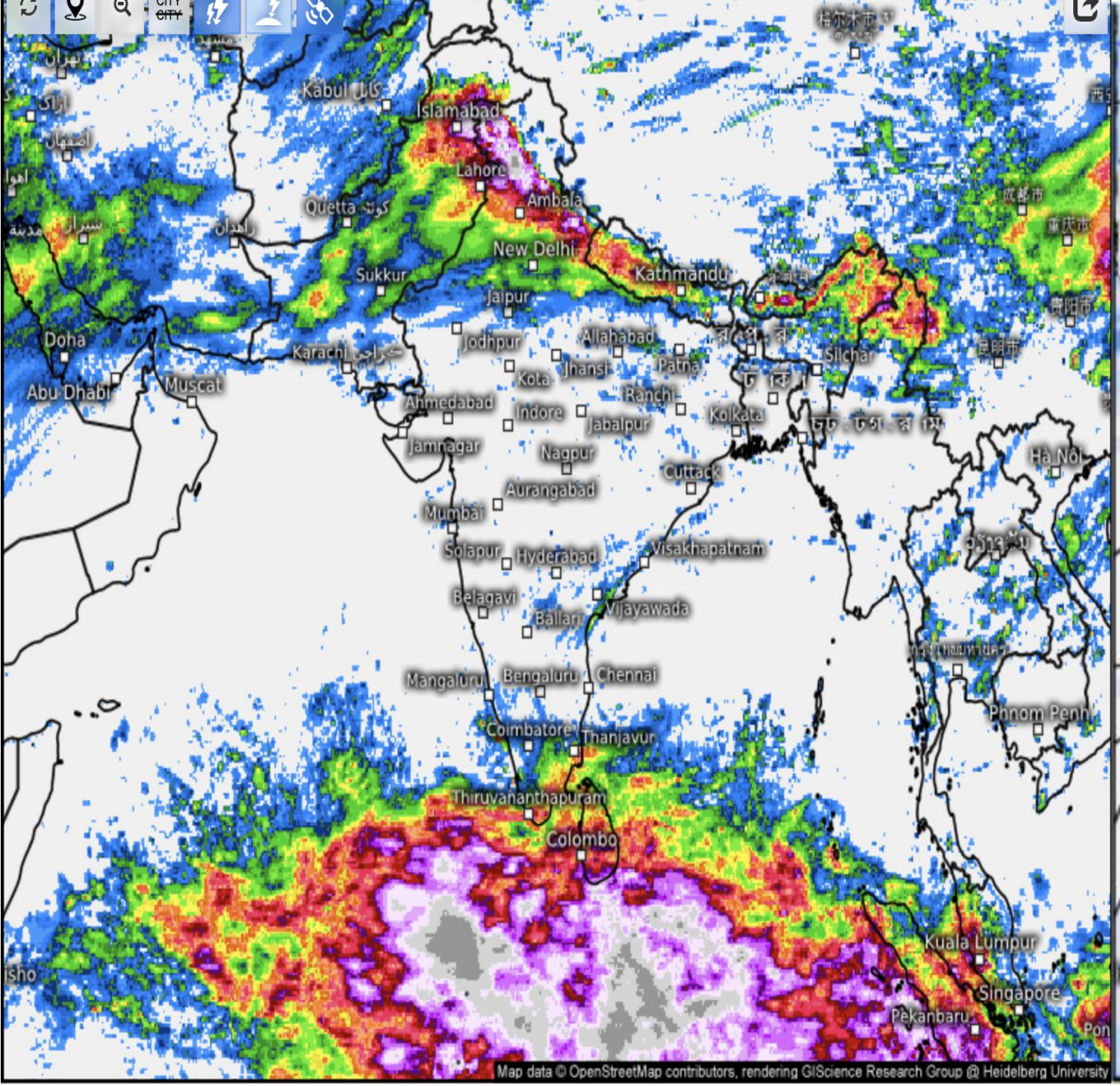
Thu 03/06/2025, 05:30am IST

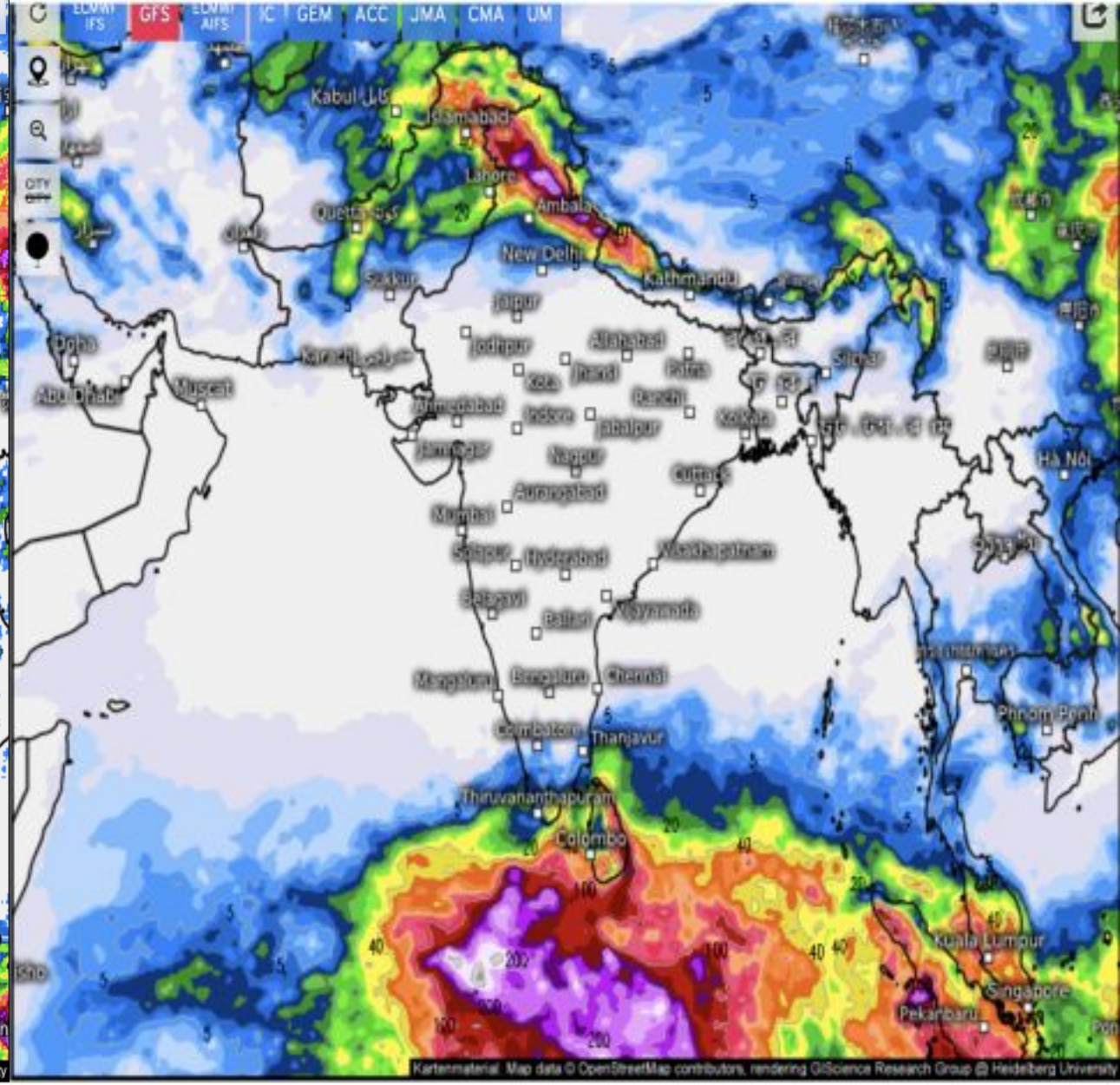
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

Accumulated total precipitation (mm)

From Thu 02/27/2025, 05:30am IST
to Thu 03/06/2025, 05:30am IST

0.1 1 2 3 5 7 10 15 20 25 30 40 50 60 70 80 90 100 125 150 175 200 250 300 400 500





Accumulated Precipitation, 7 days (Satellite) (mm)

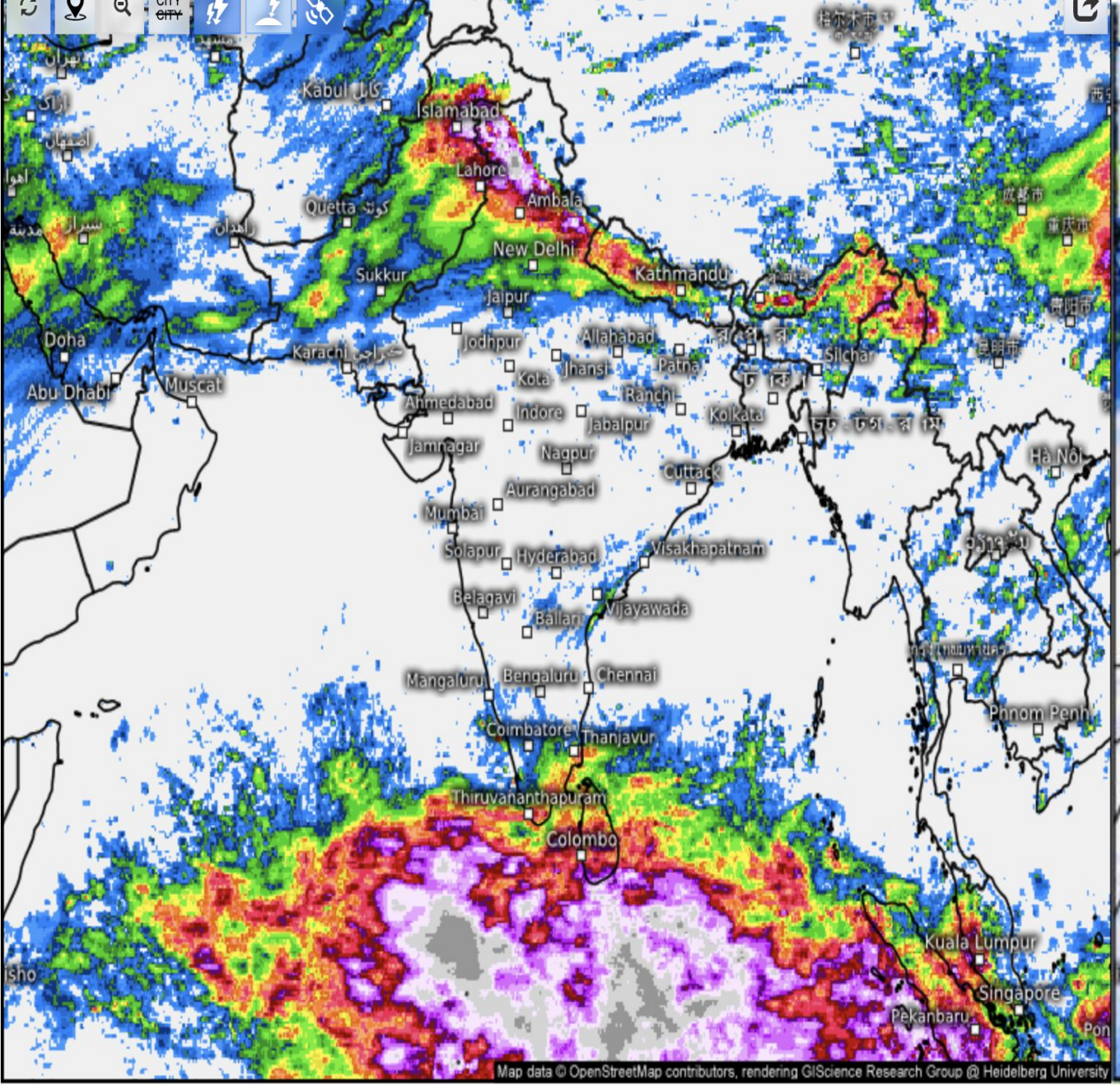
Thu 03/06/2025, 05:30am IST

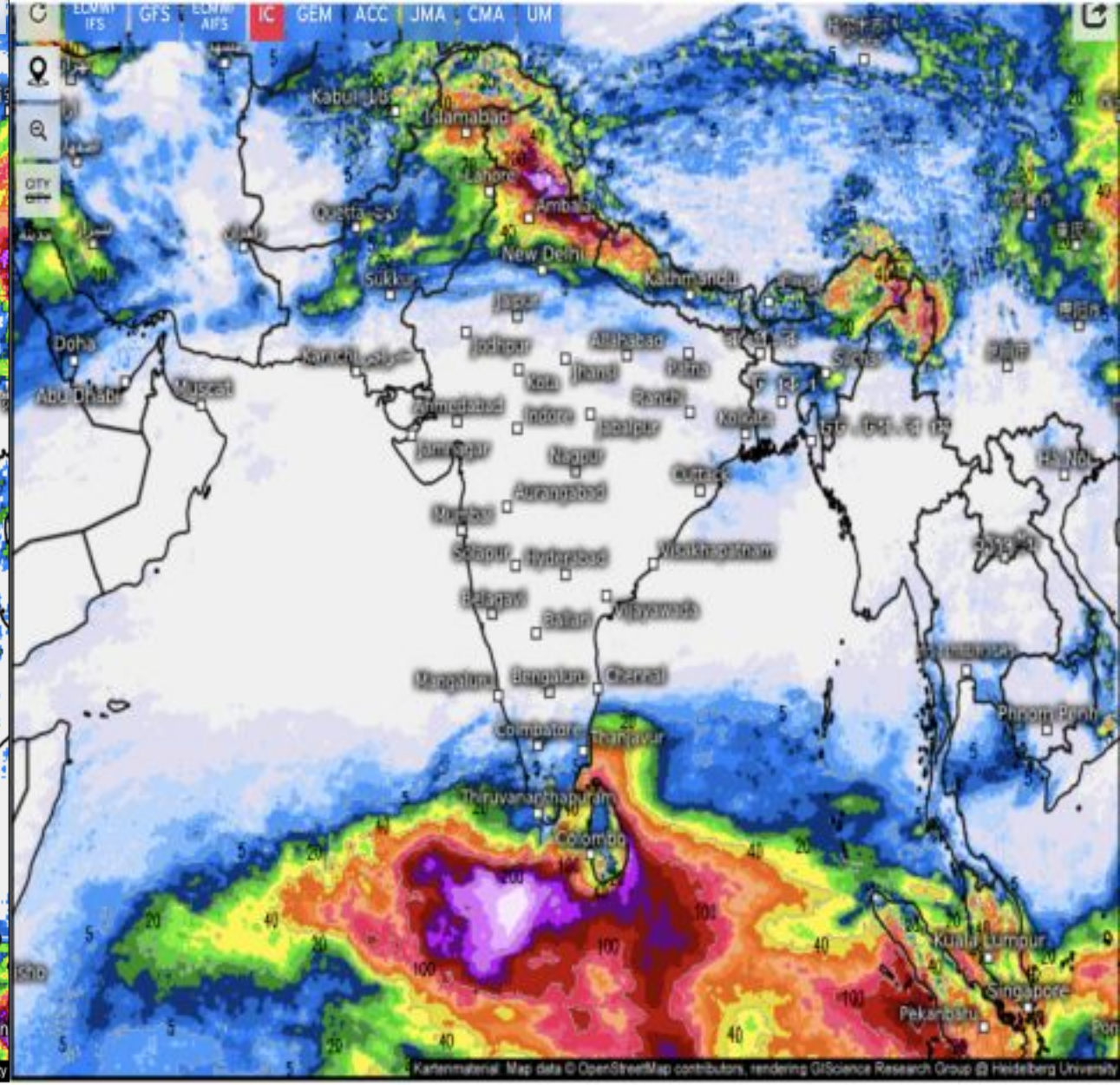
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

Accumulated total precipitation (mm)

From Thu 02/27/2025, 05:30am IST
to Thu 03/06/2025, 05:30am IST

0.1 1 2 3 5 7 10 15 20 25 30 40 50 60 70 80 90 100 125 150 175 200 250 300 400 500





Accumulated Precipitation, 7 days (Satellite) (mm)

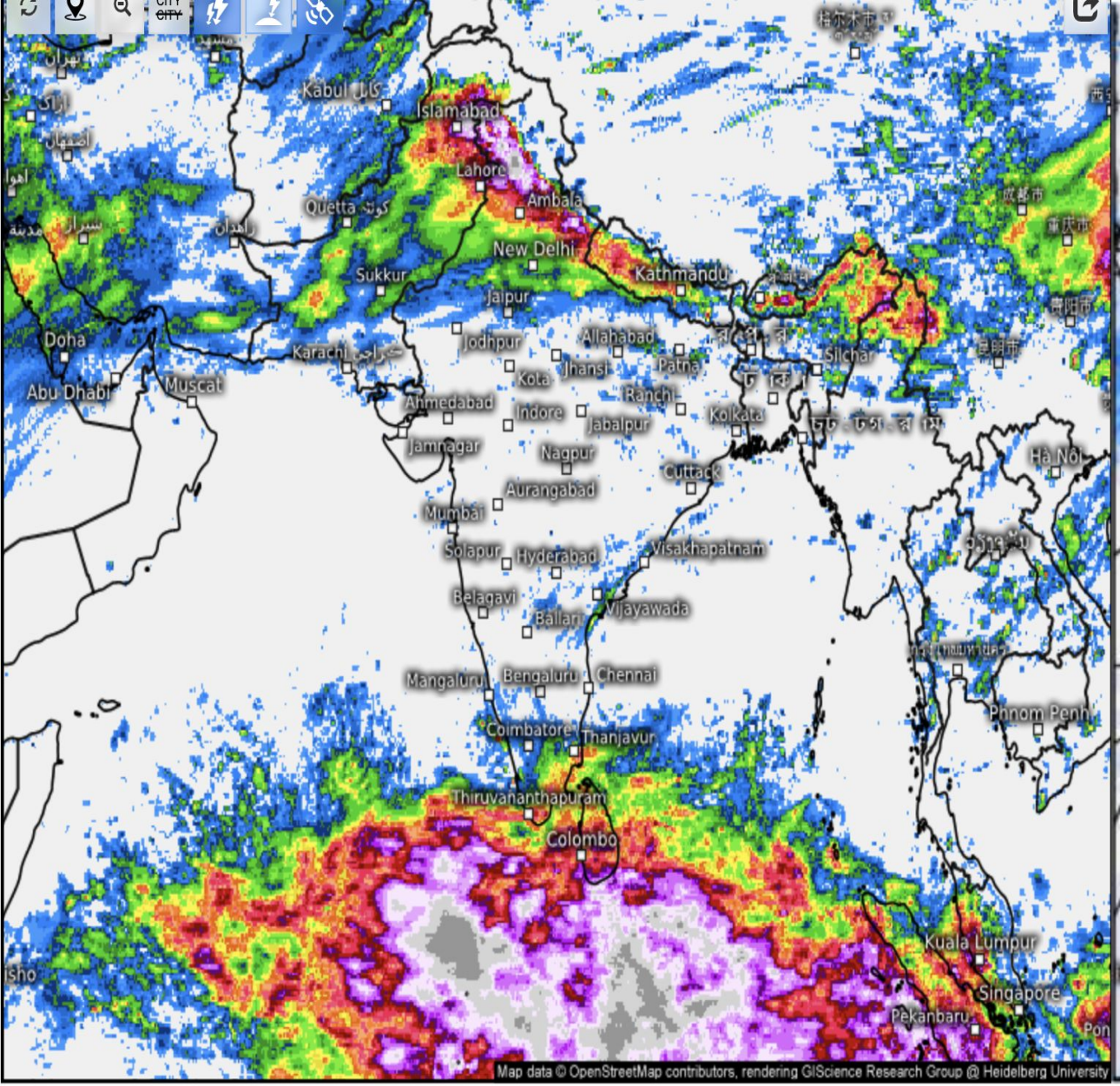
Thu 03/06/2025, 05:30am IST

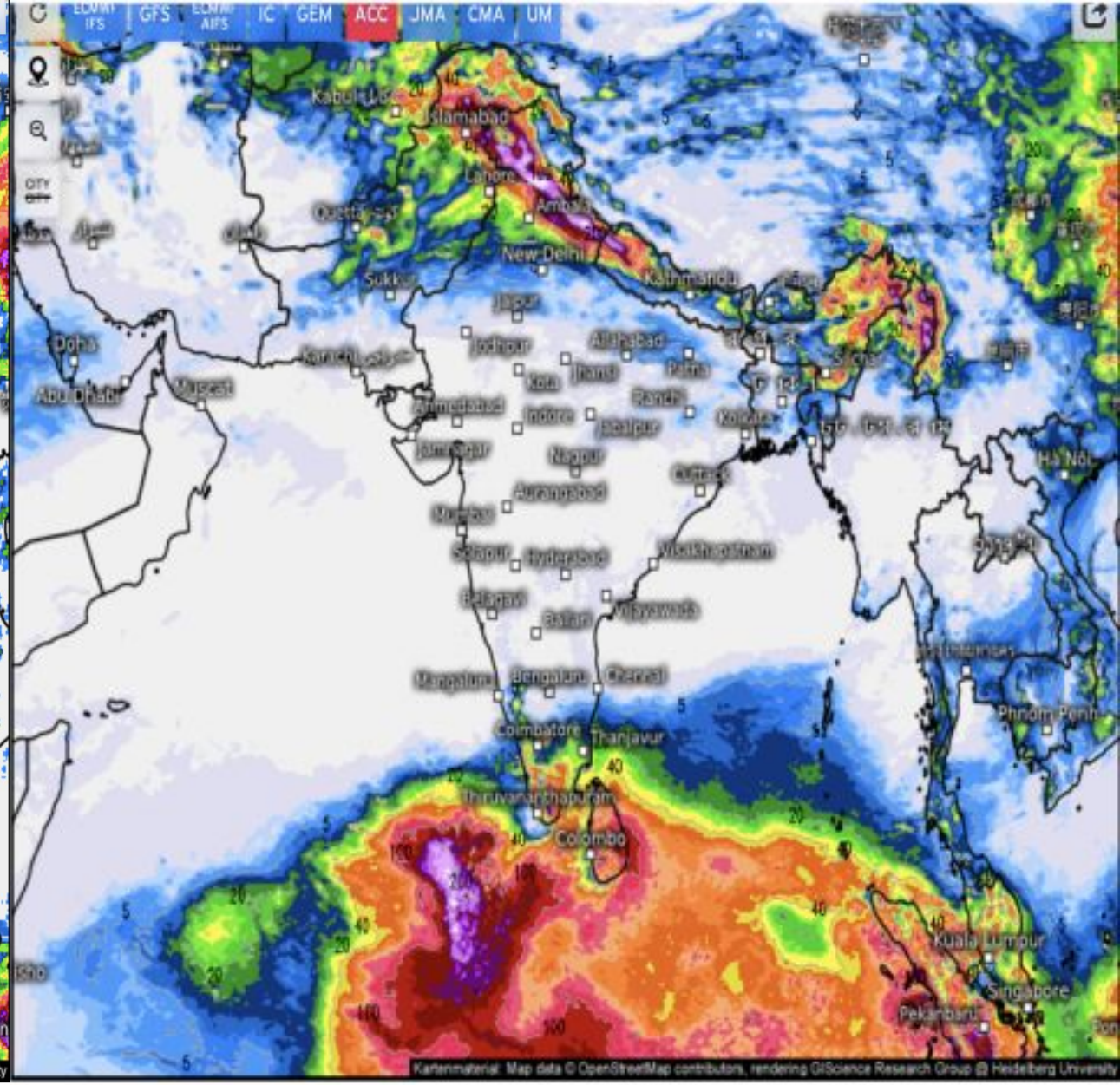
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

Accumulated total precipitation (mm)

From Thu 02/27/2025, 05:30am IST
to Thu 03/06/2025, 05:30am IST

0.1 1 2 3 5 7 10 15 20 25 30 40 50 60 70 80 90 100 125 150 175 200 250 300 400 500





Accumulated Precipitation, 7 days (Satellite) (mm)

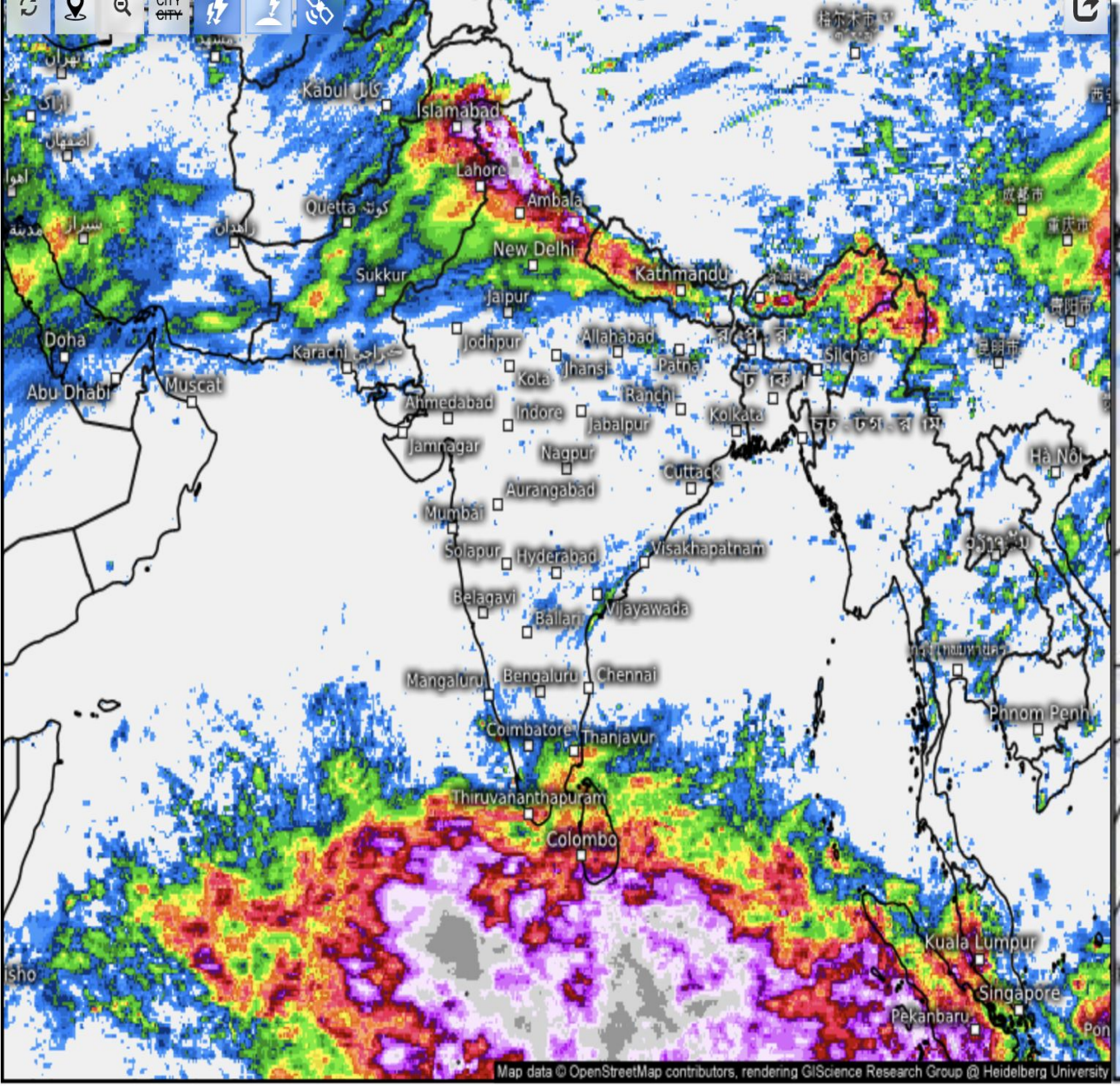
Thu 03/06/2025, 05:30am IST

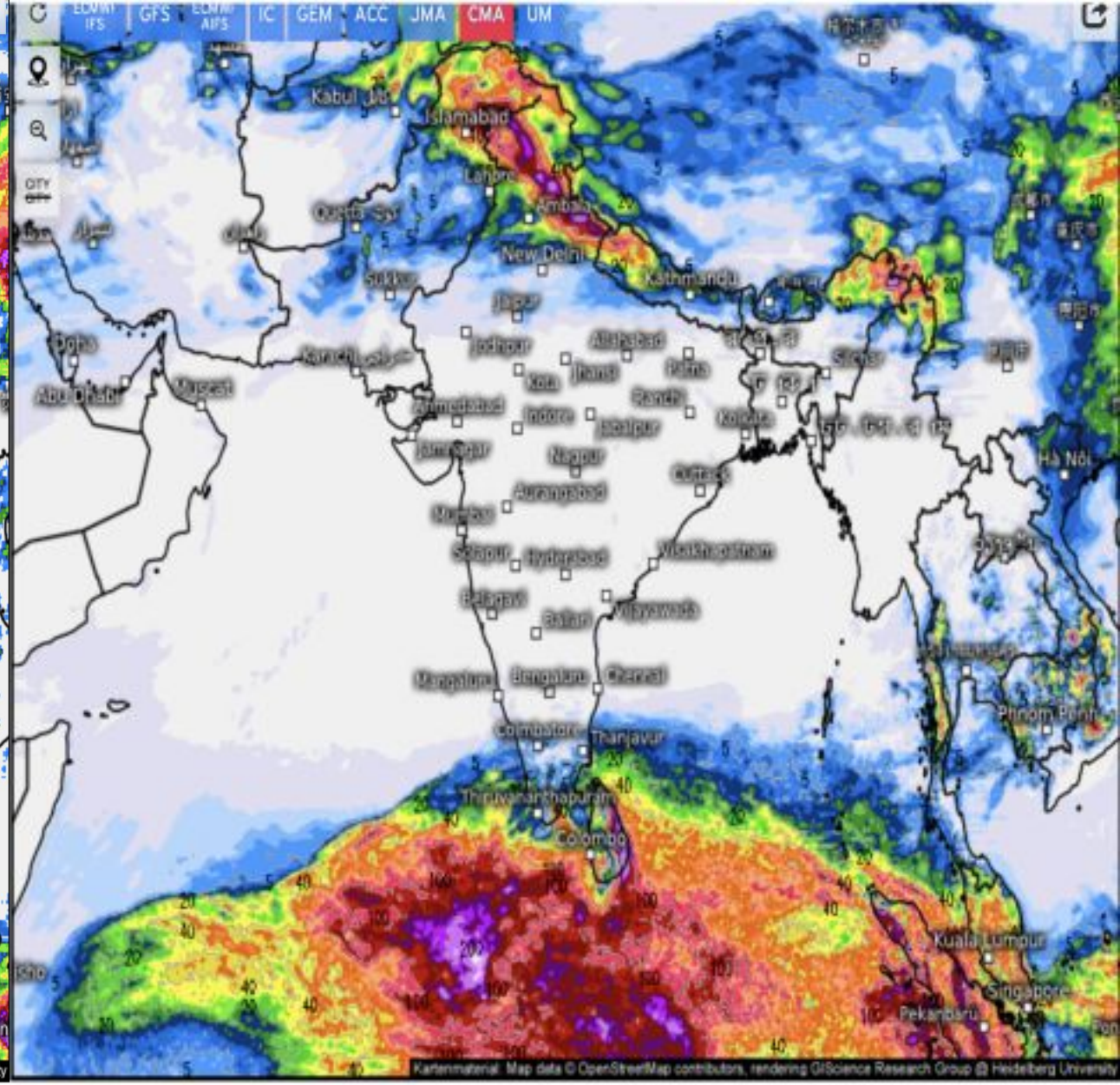
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

Accumulated total precipitation (mm)

From Wed 02/26/2025, 05:30pm IST
to Thu 03/06/2025, 05:30am IST

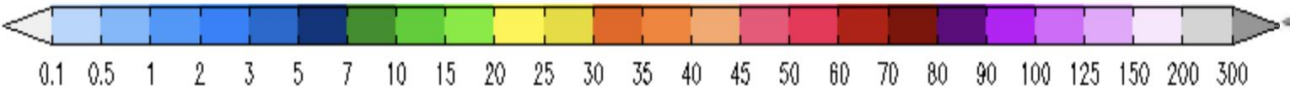
0.1 1 2 3 5 7 10 15 20 25 30 40 50 60 70 80 90 100 125 150 175 200 250 300 400 500





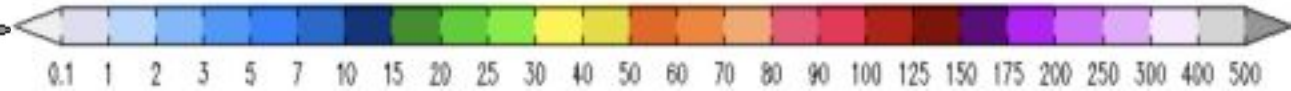
Accumulated Precipitation, 7 days (Satellite) (mm)

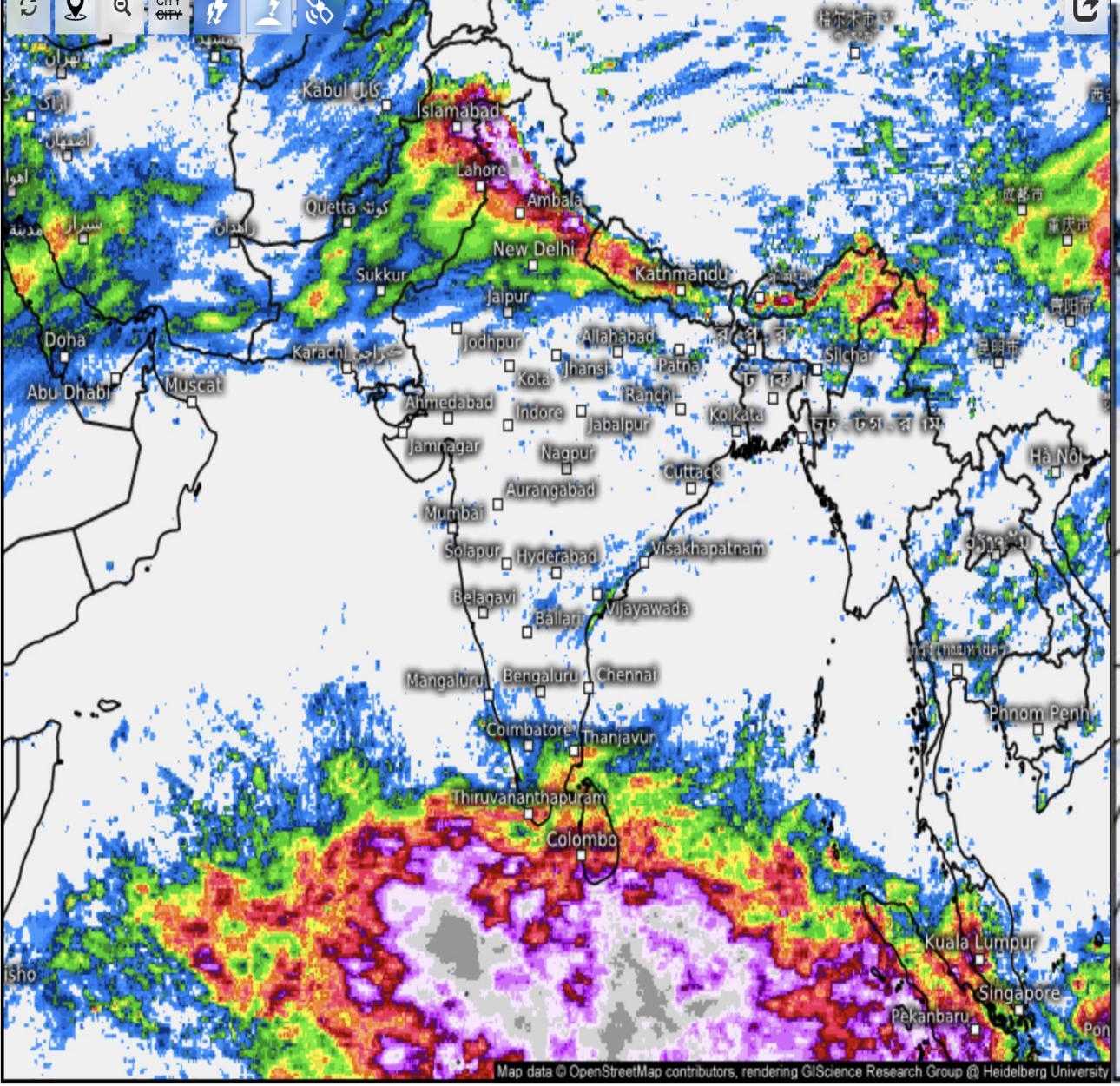
Thu 03/06/2025, 05:30am IST

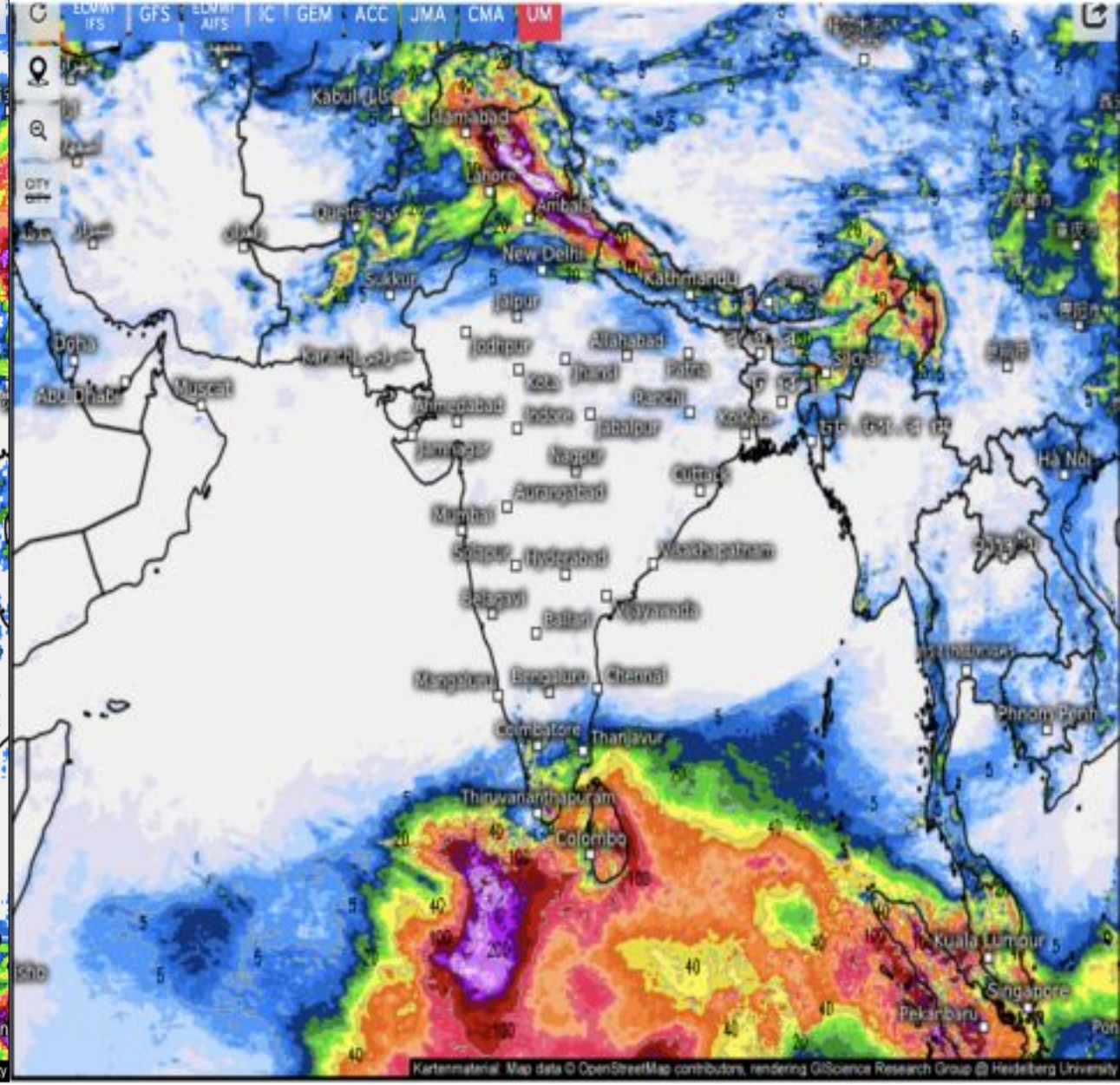


Accumulated total precipitation (mm)

From Wed 02/26/2025, 05:30pm IST
to Thu 03/06/2025, 05:30am IST







Accumulated Precipitation, 7 days (Satellite) (mm)

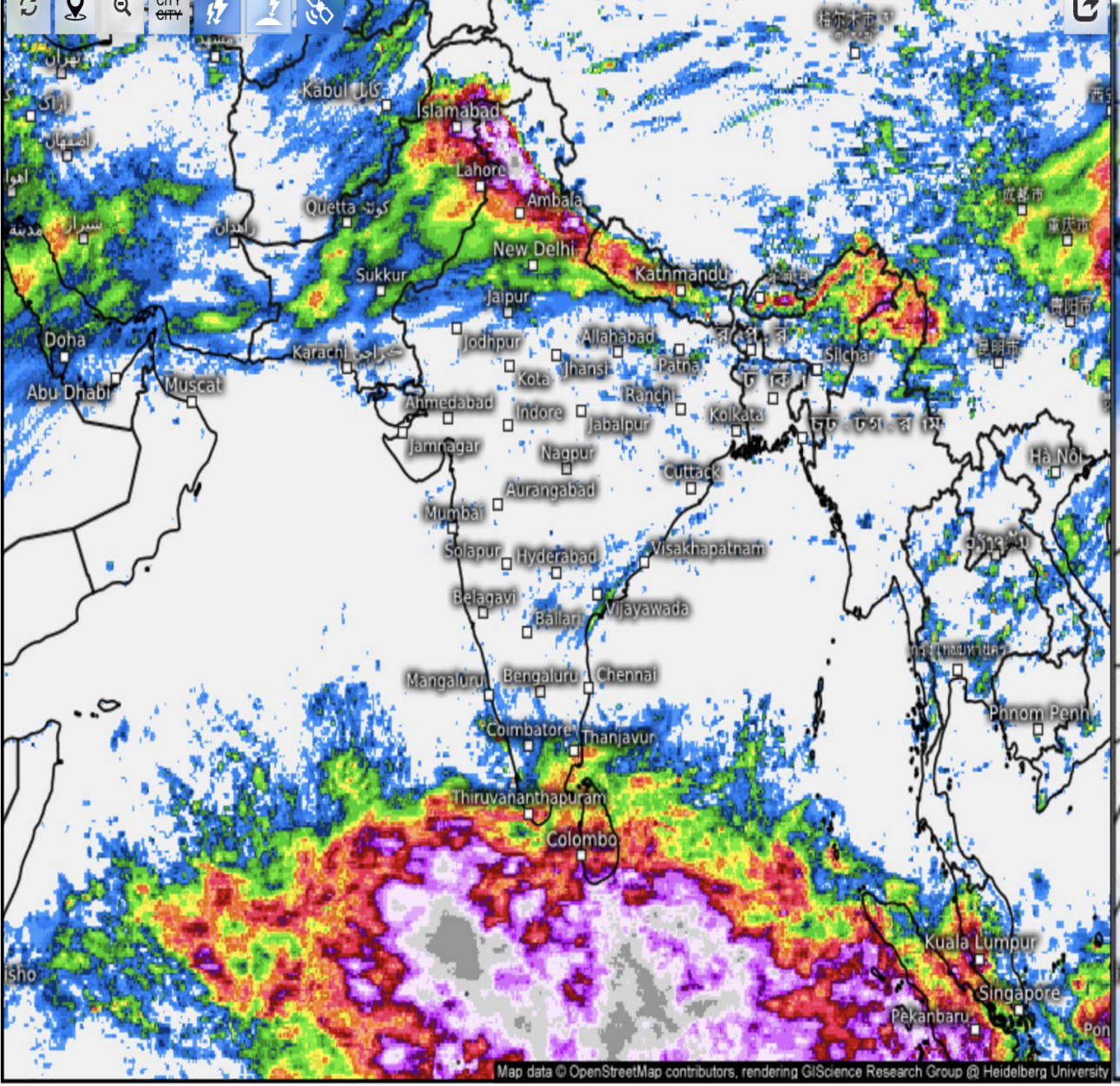
Thu 03/06/2025, 05:30am IST

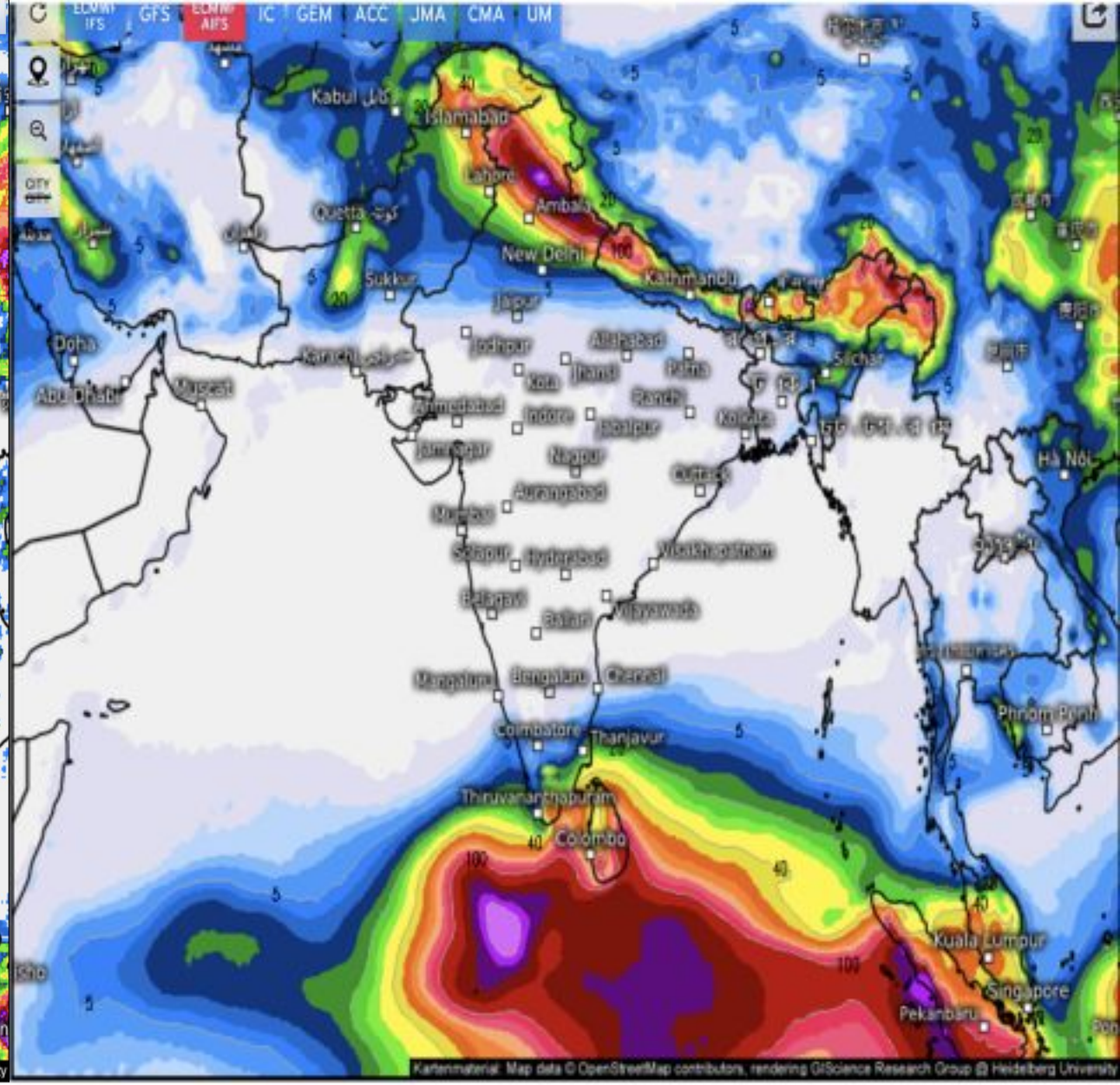
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

Accumulated total precipitation (mm)

From Wed 02/26/2025, 05:30pm IST
to Thu 03/06/2025, 05:30am IST

0.1 1 2 3 5 7 10 15 20 25 30 40 50 60 70 80 90 100 125 150 175 200 250 300 400 500





Accumulated Precipitation, 7 days (Satellite) (mm)

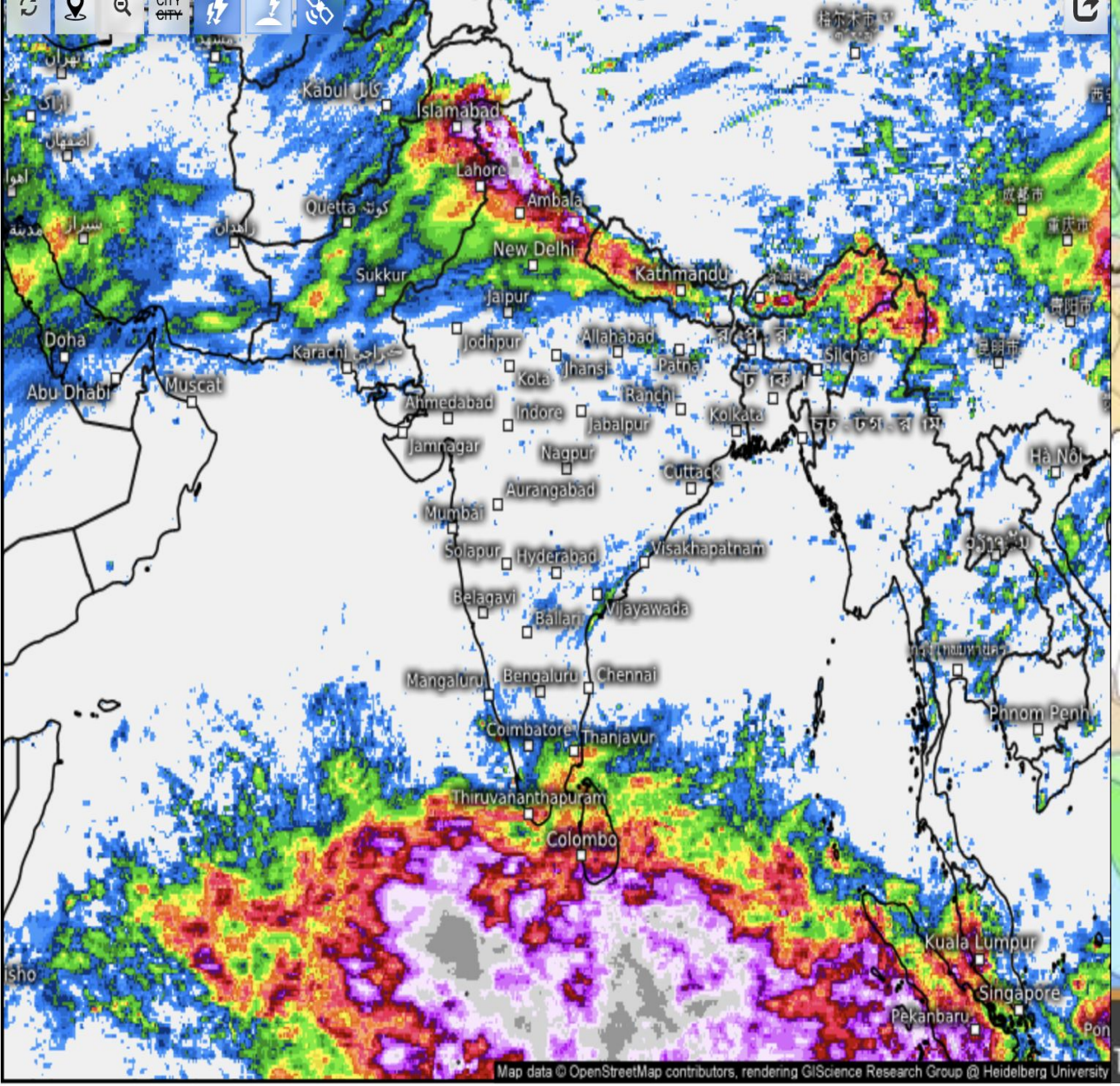
Thu 03/06/2025, 05:30am IST

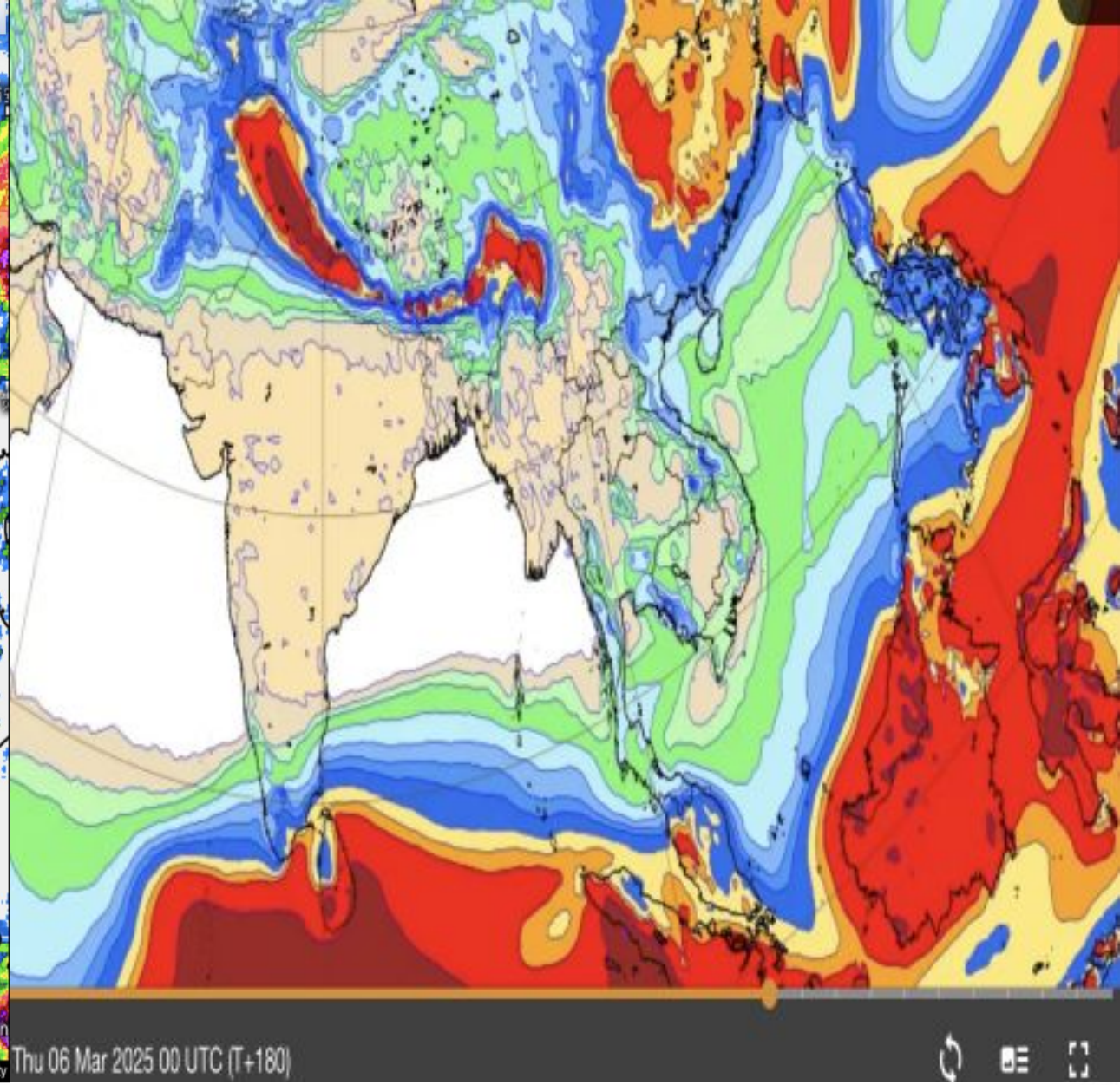
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

Accumulated total precipitation (mm)

From Wed 02/26/2025, 11:30pm IST
to Thu 03/06/2025, 05:30am IST

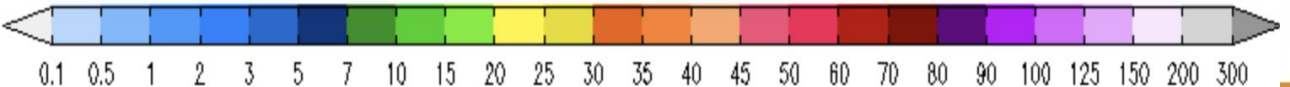
0.1 1 2 3 5 7 10 15 20 25 30 40 50 60 70 80 90 100 125 150 175 200 250 300 400 500



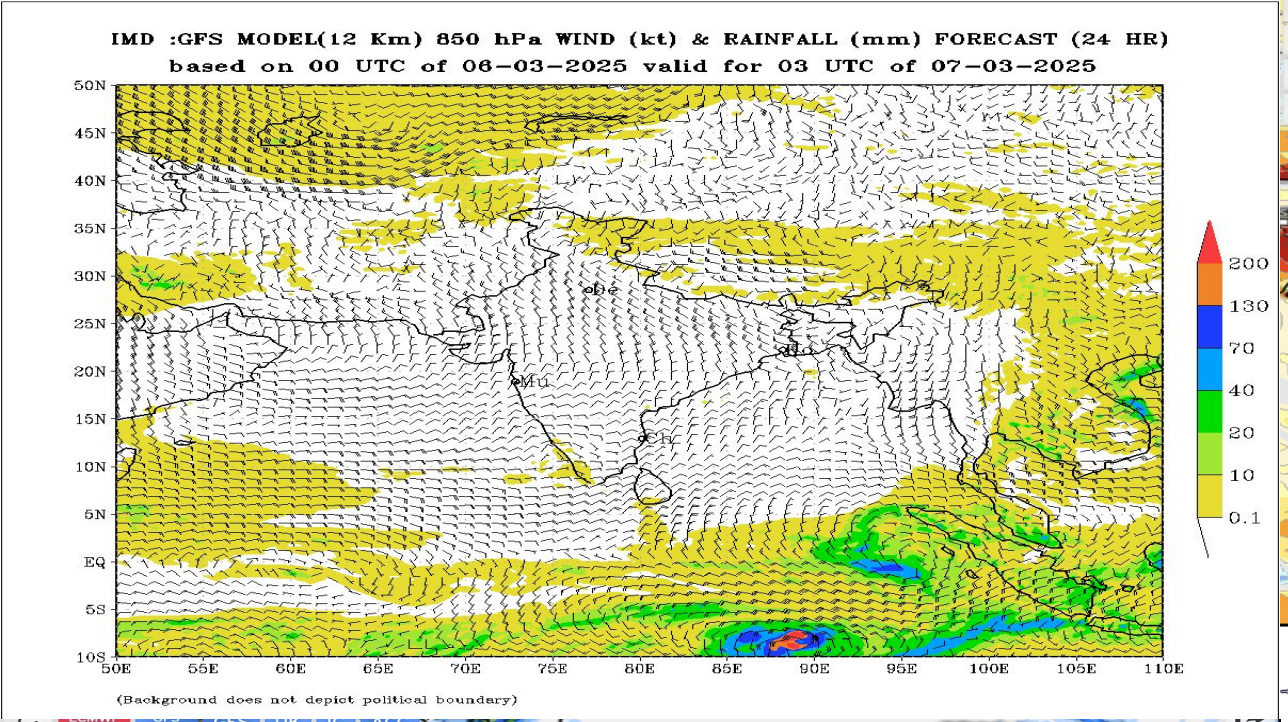


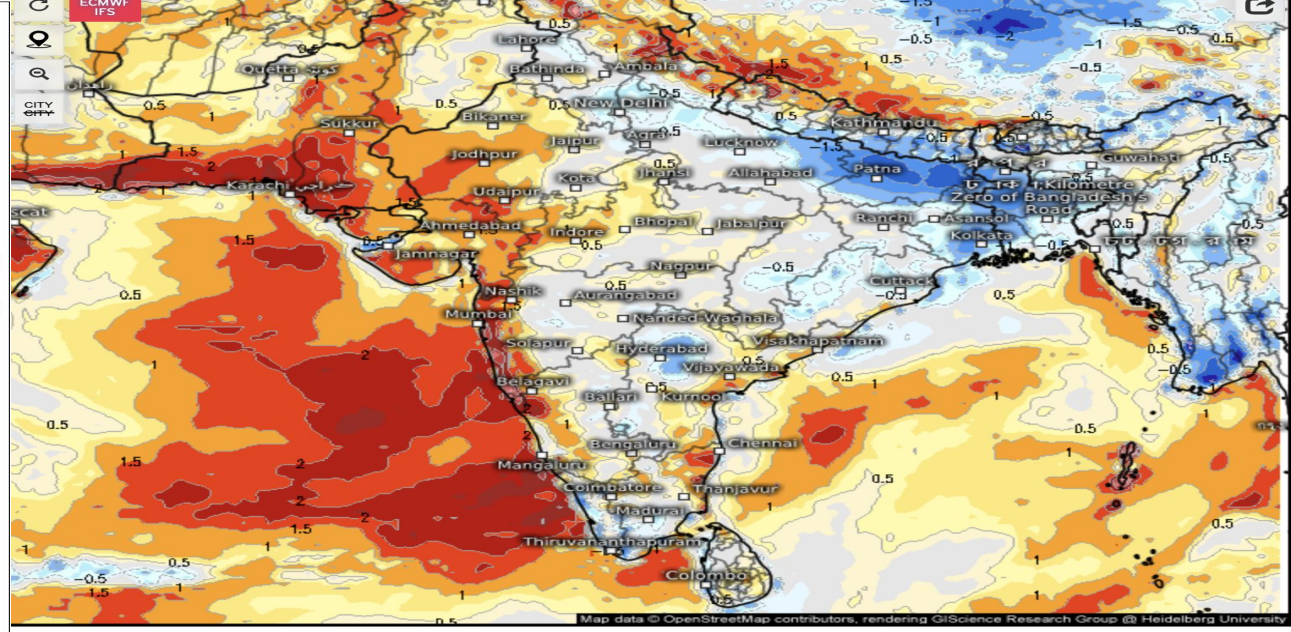
Accumulated Precipitation, 7 days (Satellite) (mm)

Thu 03/06/2025, 05:30am IST



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

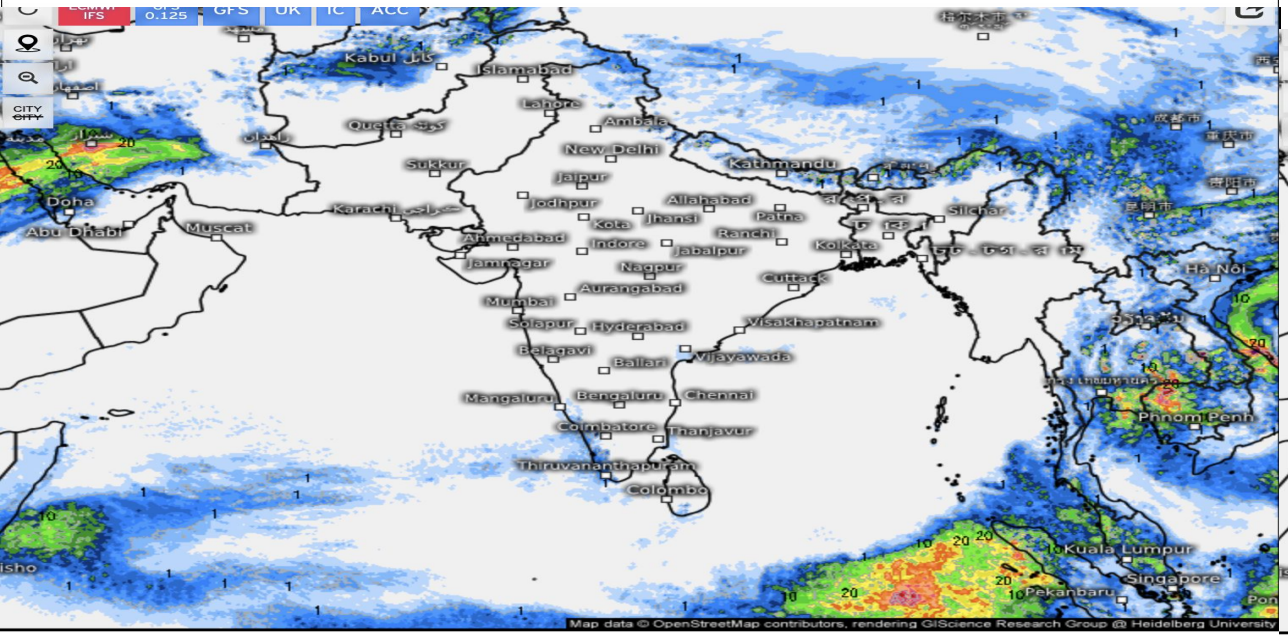




Temperature anomaly (std. deviation)

Valid for
Fri 03/07/2025, 02:30pm IST

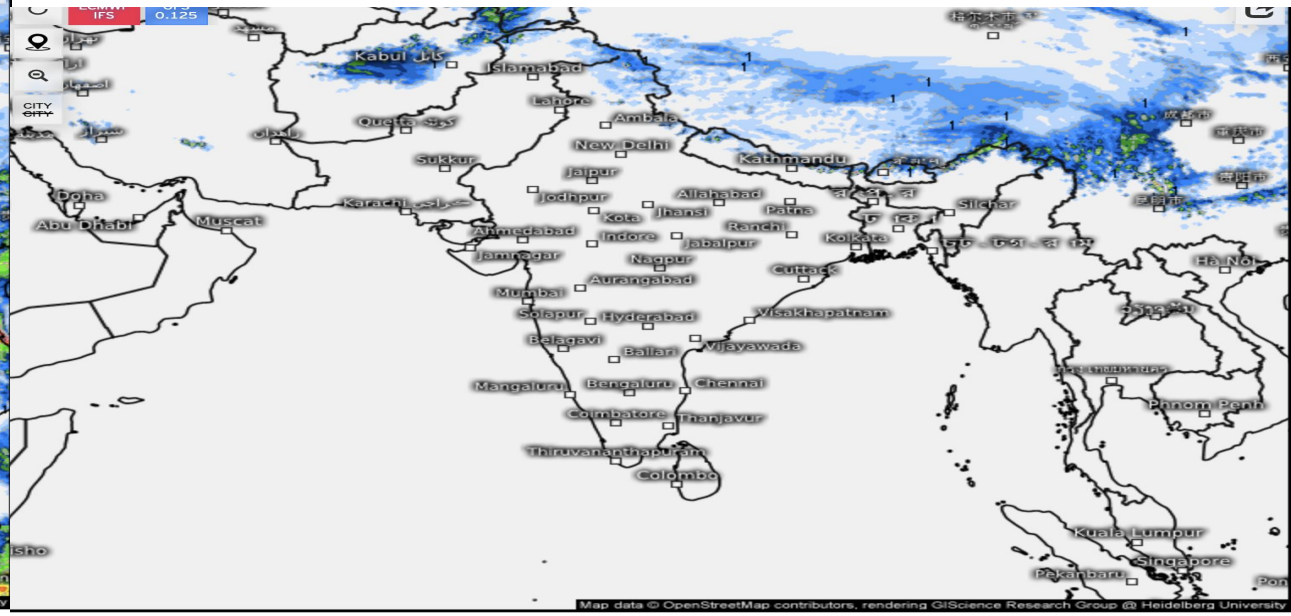
−4 −3.5 −3 −2.5 −2 −1.5 −1 −0.75 −0.5 −0.25 0.25 0.5 0.75 1 1.5 2 2.5 3 3.5 4 5



Precipitation, 24h (mm)

Valid for
Fri 03/07/2025, 10:30am IST

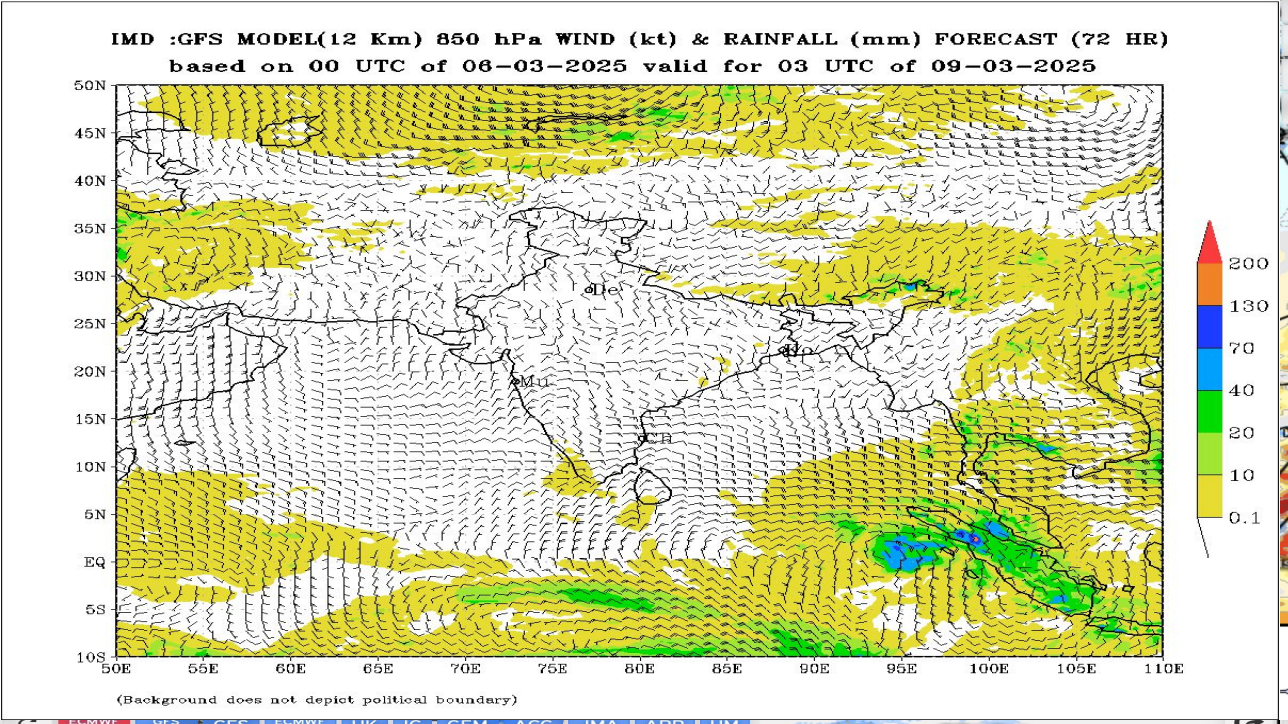
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

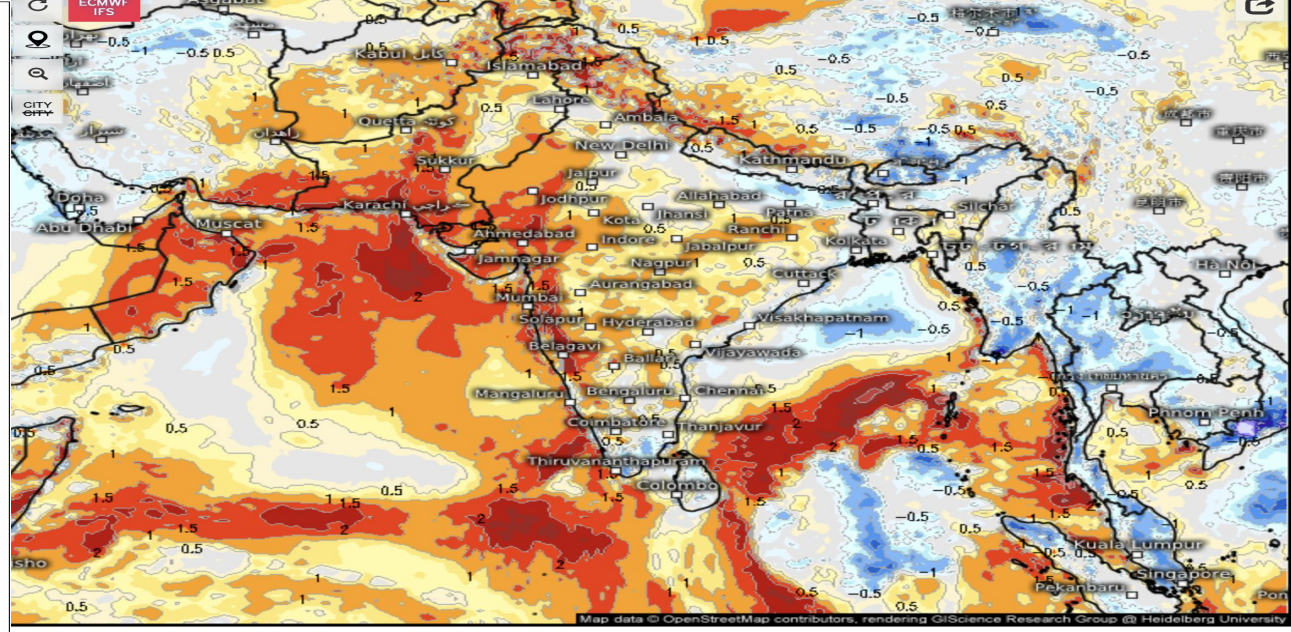


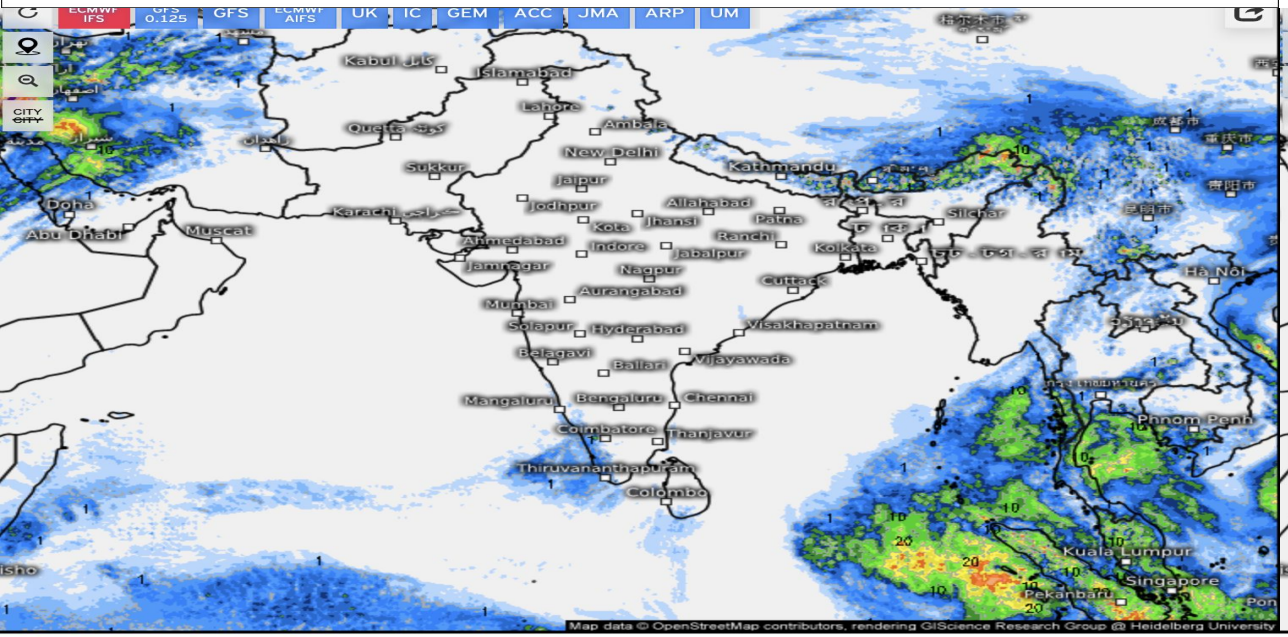
Precipitation, 24h (Snow) (mm)

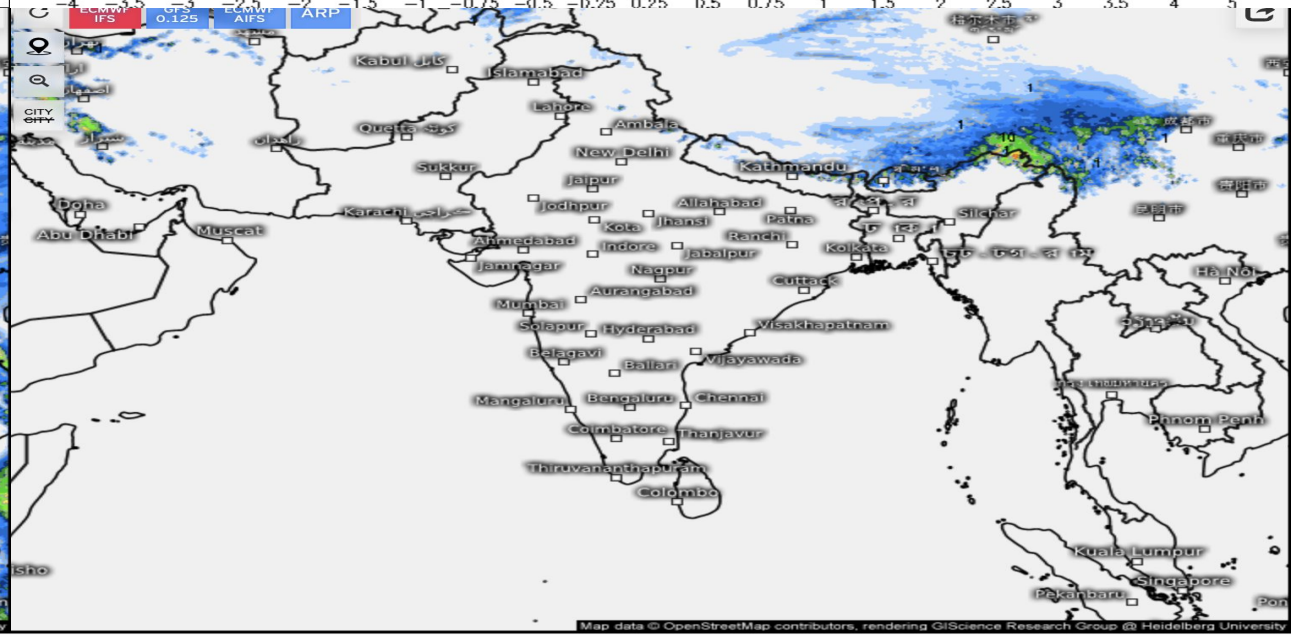
Valid for
Fri 03/07/2025, 10:30am IST

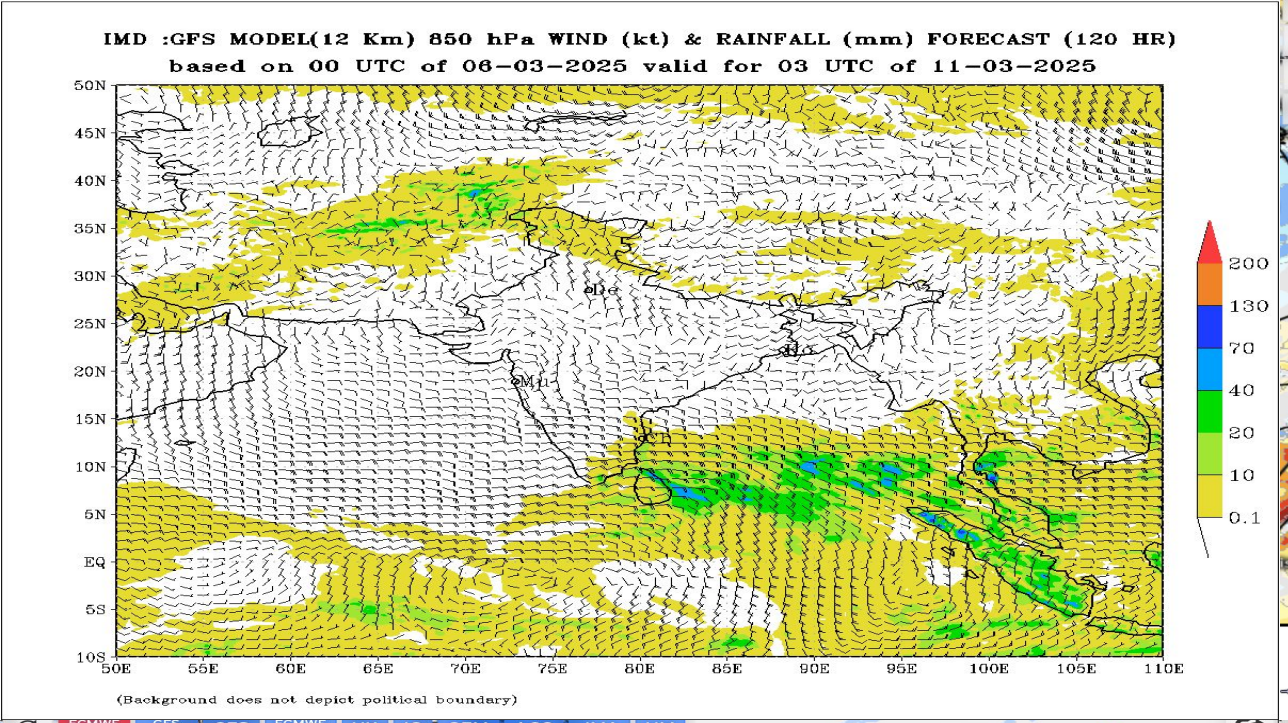
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

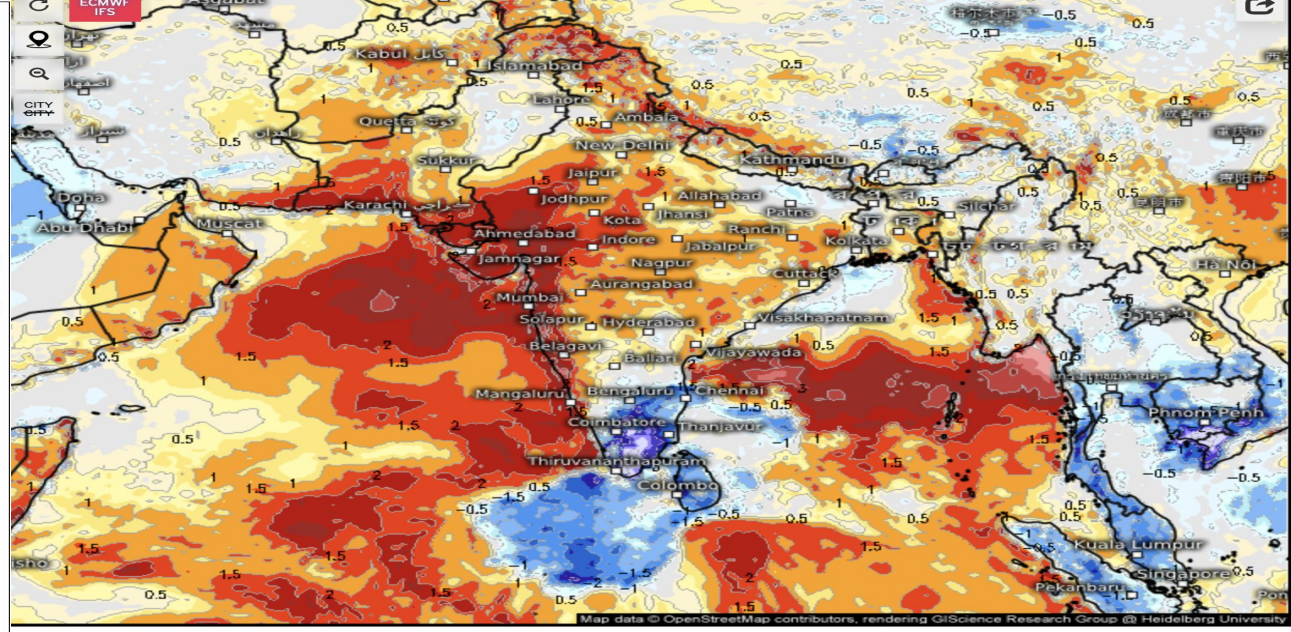

IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (72 HR)
based on 00 UTC of 06-03-2025 valid for 03 UTC of 09-03-2025
200
130
70
40
20
10
0.1
(Background does not depict political boundary)


Temperature anomaly (std. deviation)
Valid for
Sun 03/09/2025, 02:30pm IST
Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University


Precipitation, 24h (mm)
Valid for
Sun 03/09/2025, 05:30am IST
Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University

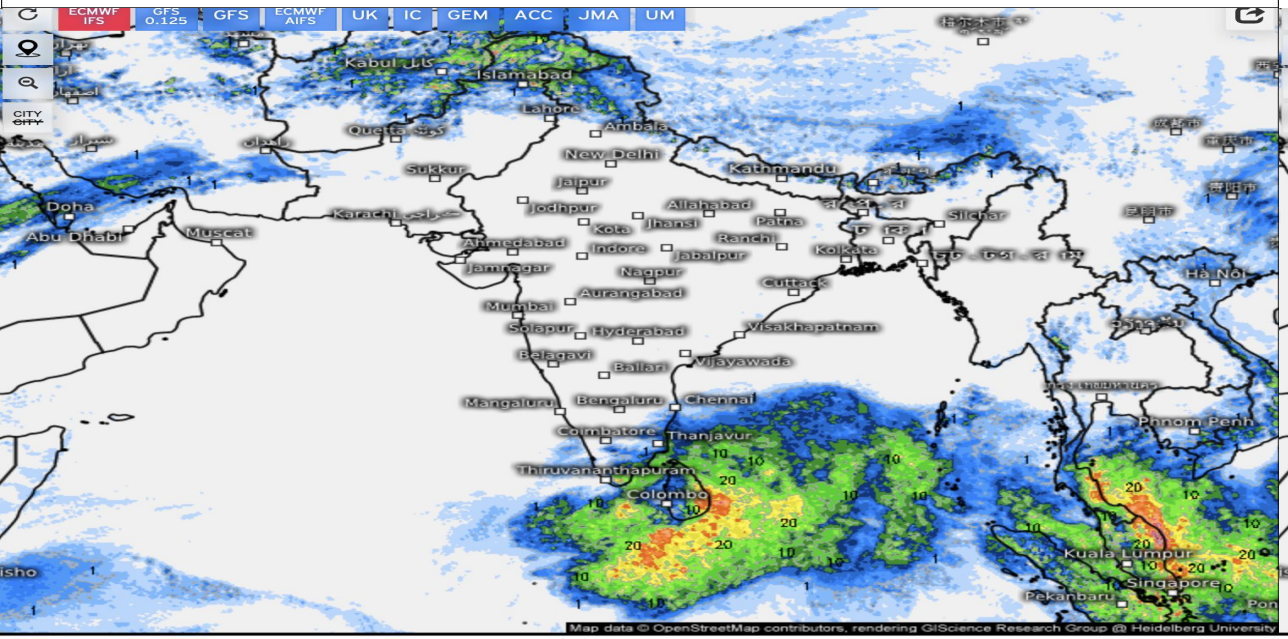

Precipitation, 24h (Snow) (mm)
Valid for
Sun 03/09/2025, 05:30am IST
Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University





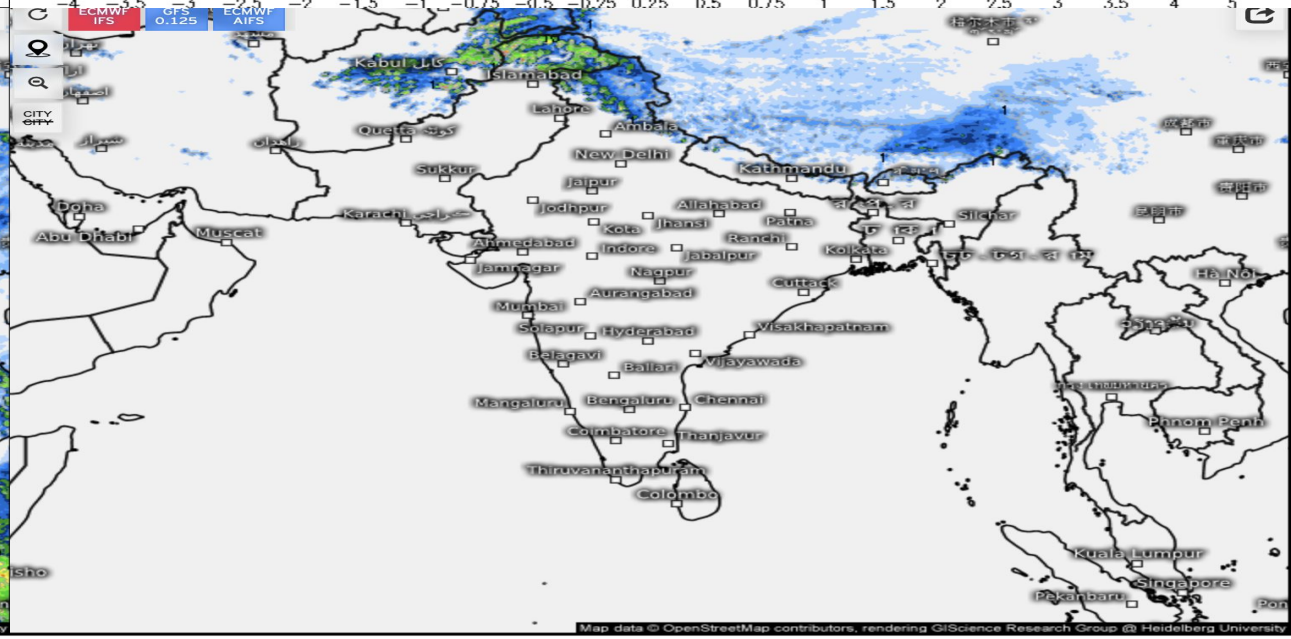
Temperature anomaly (std. deviation)

Valid for
Tue 03/11/2025, 02:30pm IST



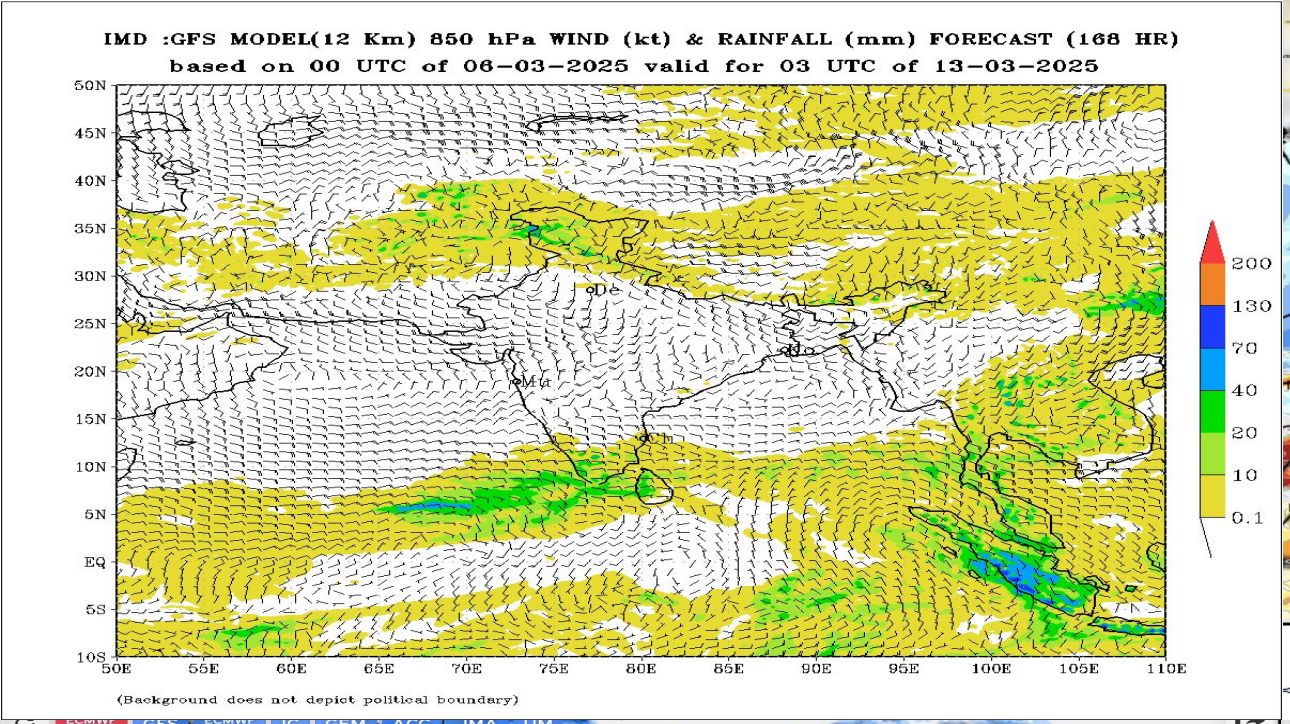
Precipitation, 24h (mm)

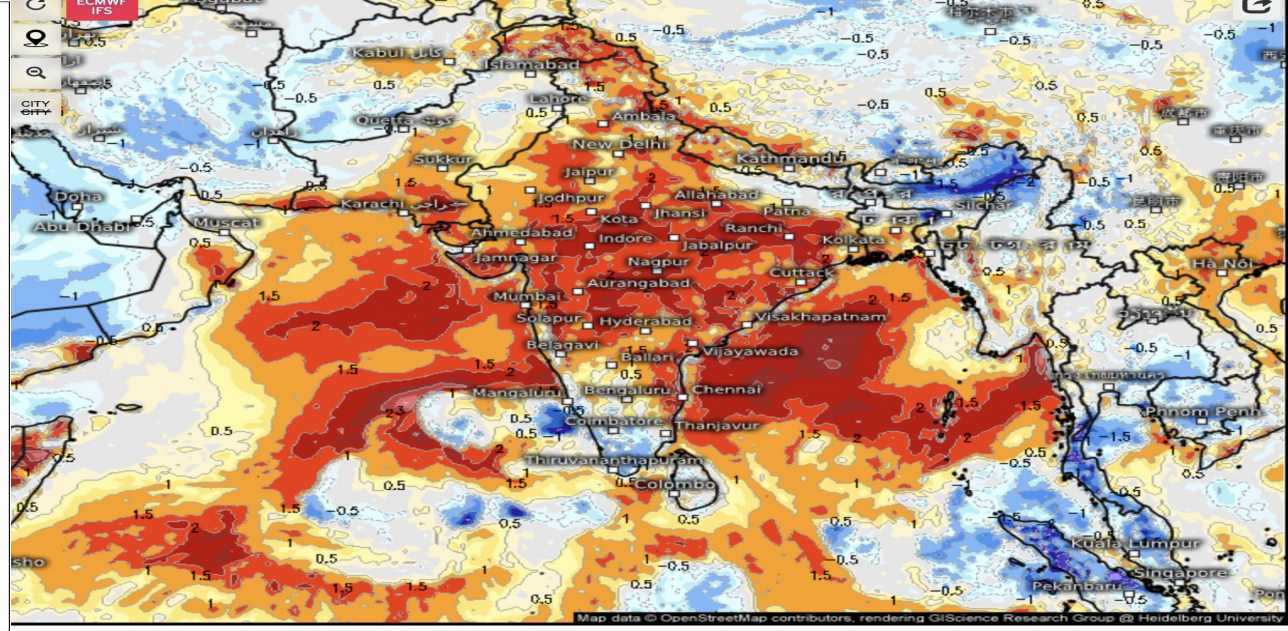
Valid for
Tue 03/11/2025, 05:30am IST

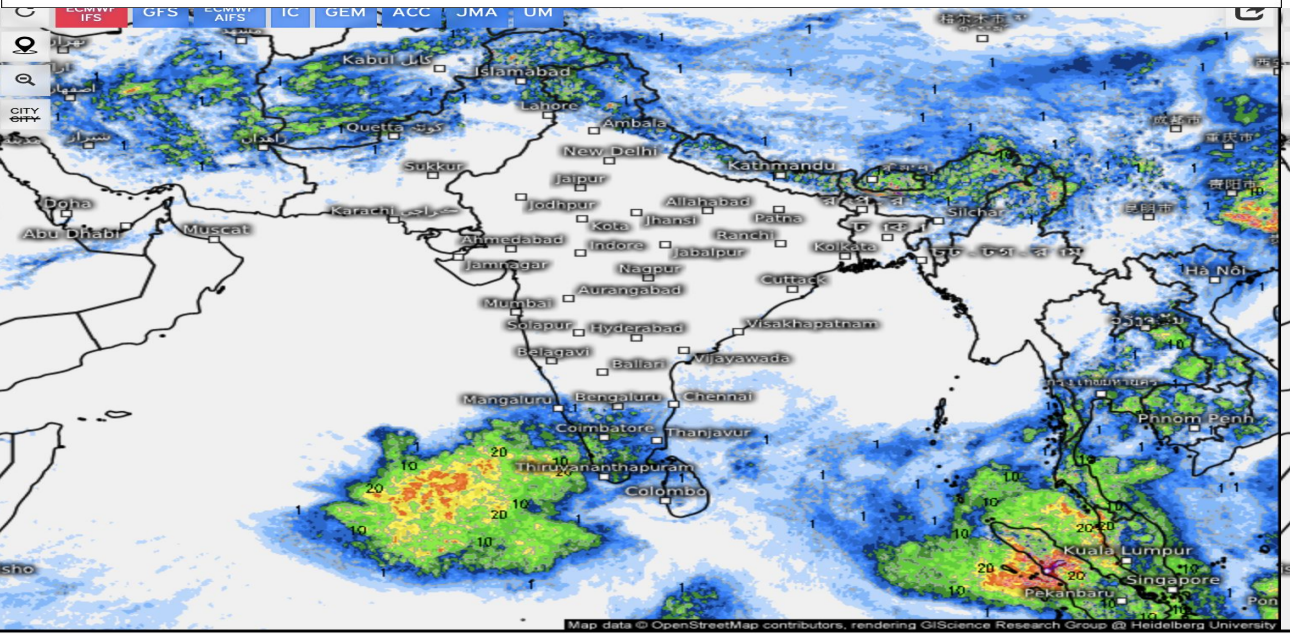


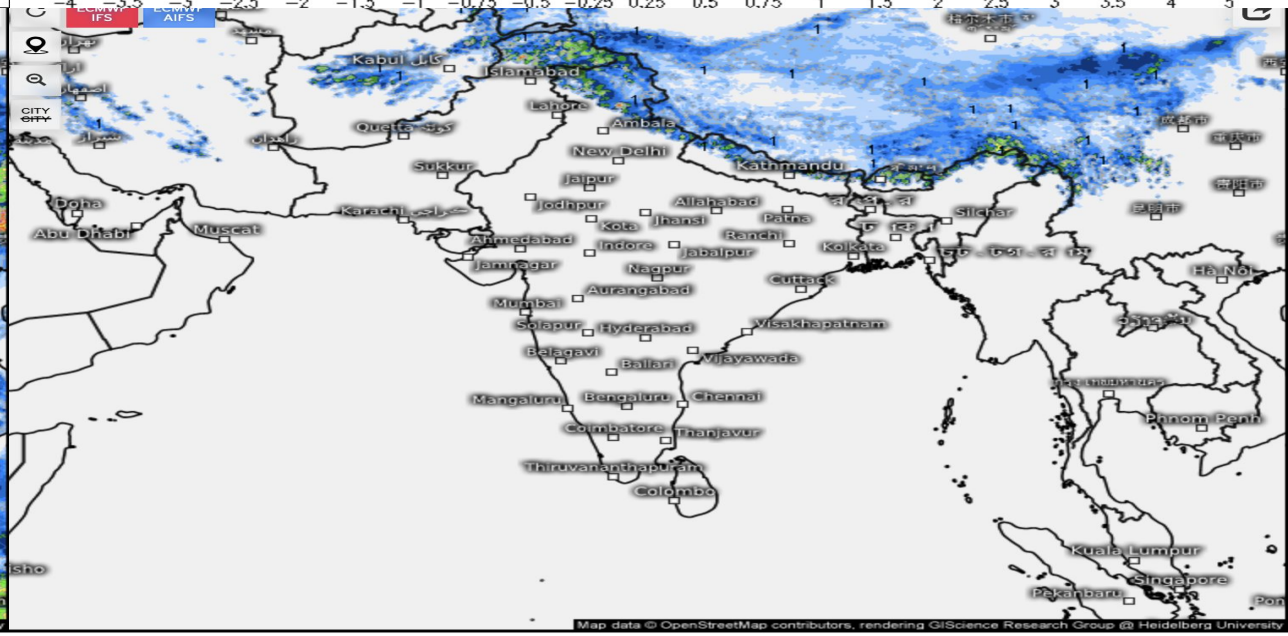
Precipitation, 24h (Snow) (mm)

Valid for
Tue 03/11/2025, 05:30am IST









Temperature anomaly (std. deviation)

Valid for
Thu 03/13/2025, 11:30am IST

−4 −3.5 −3 −2.5 −2 −1.5 −1 −0.75 −0.5 −0.25 0.25 0.5 0.75 1 1.5 2 2.5 3 3.5 4 5

Precipitation, 24h (mm)

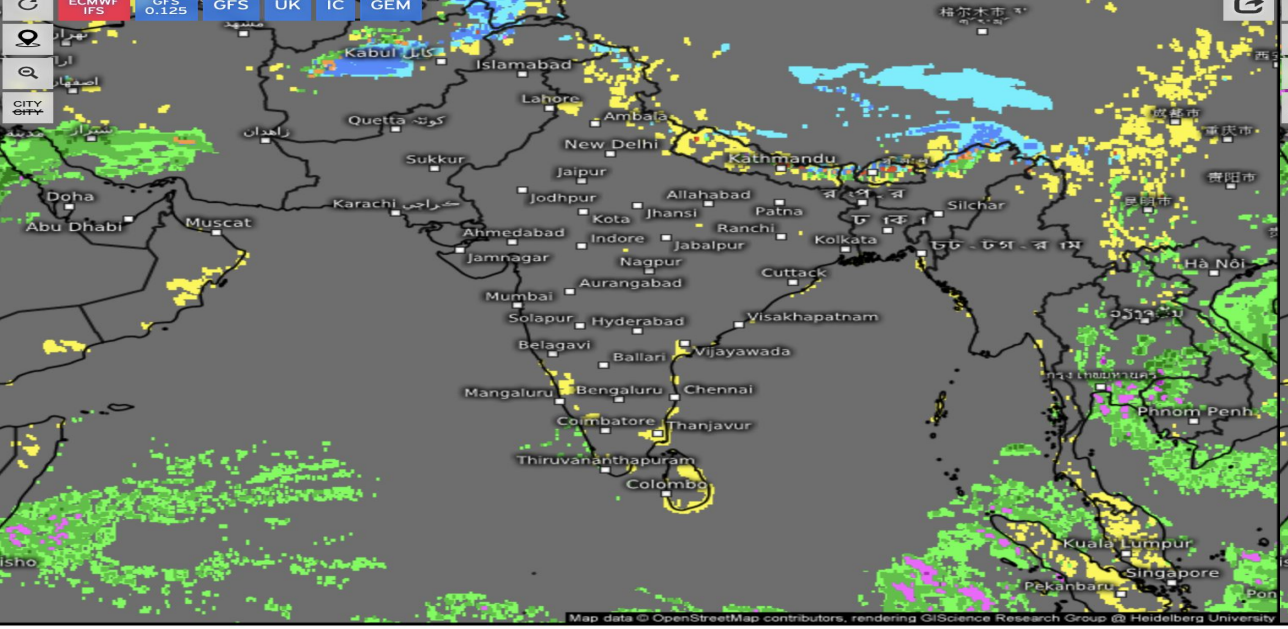
Valid for
Thu 03/13/2025, 05:30am IST

0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

Precipitation, 24h (Snow) (mm)

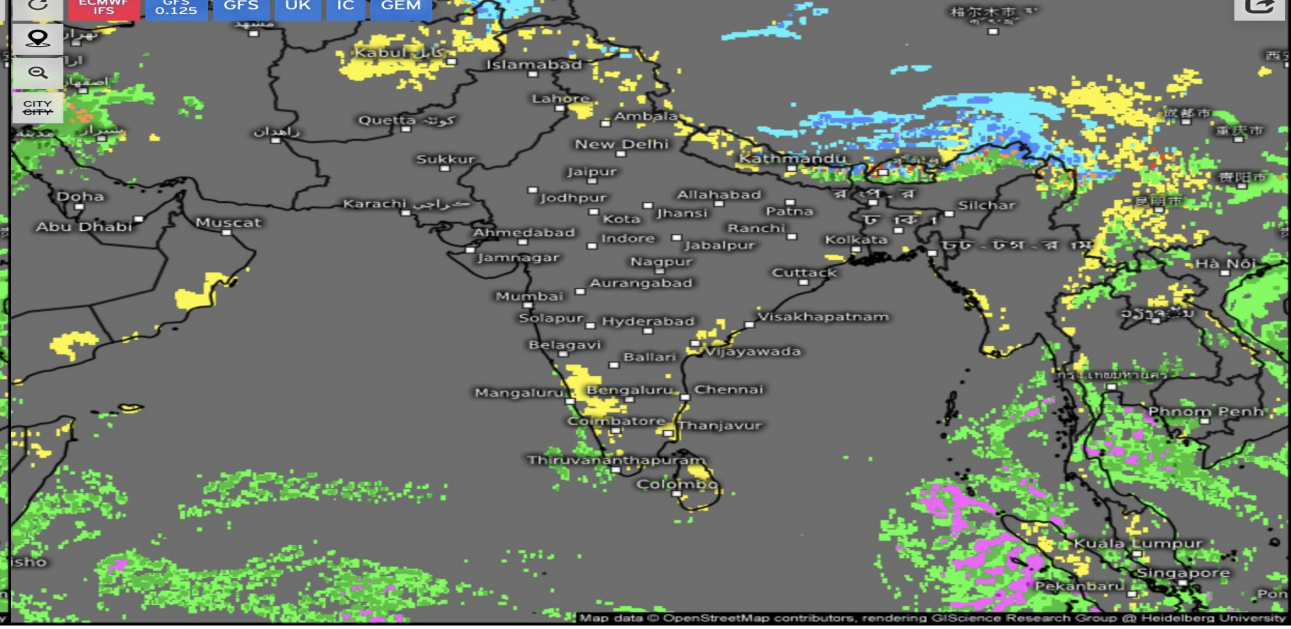
Valid for
Thu 03/13/2025, 05:30am IST

0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300



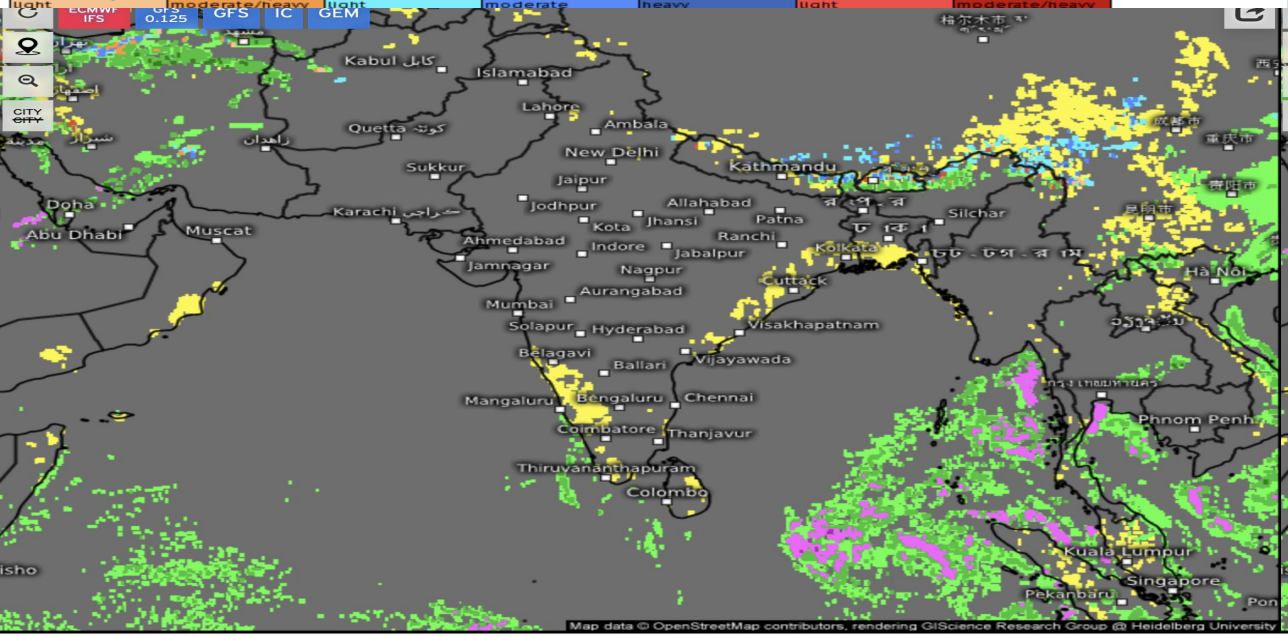
Significant Weather

Valid for
Fri 03/07/2025, 05:30am IST



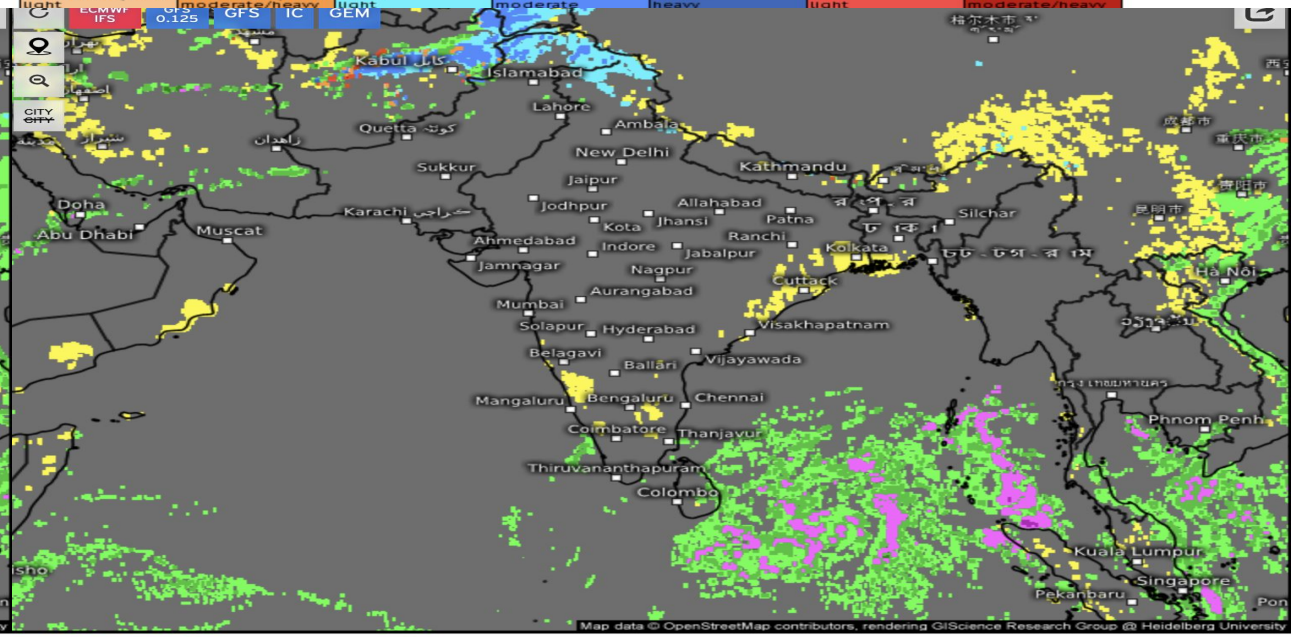
Significant Weather

Valid for
Sat 03/08/2025, 05:30am IST



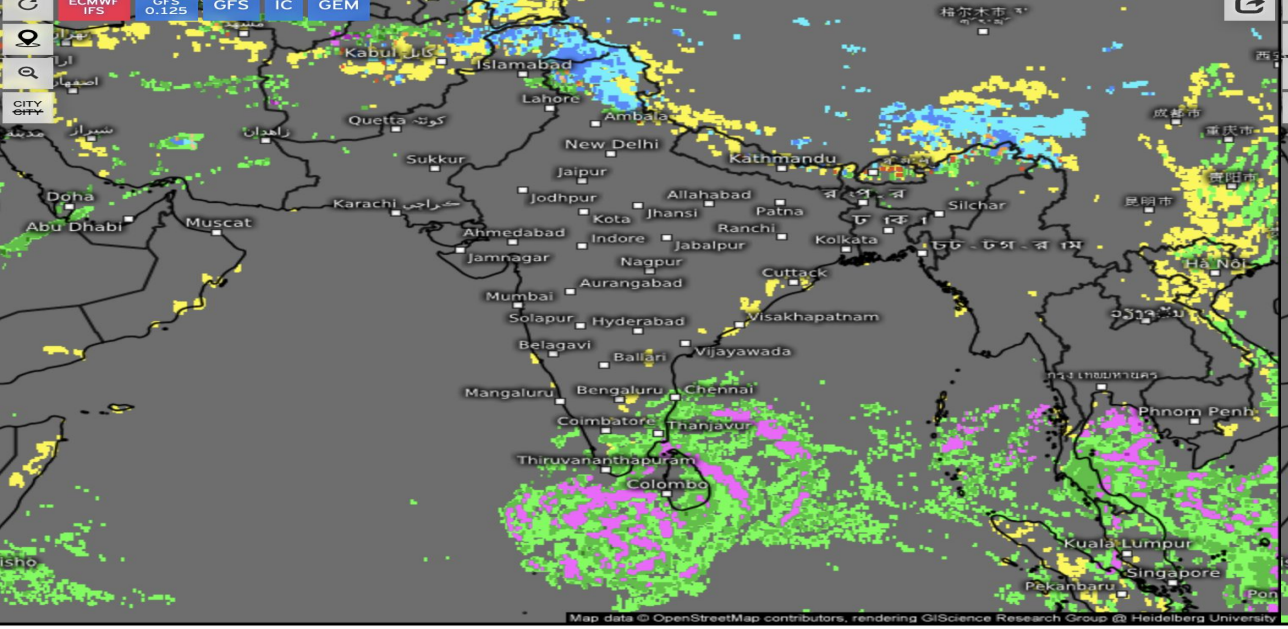
Significant Weather

Valid for
Sun 03/09/2025, 05:30am IST



Significant Weather

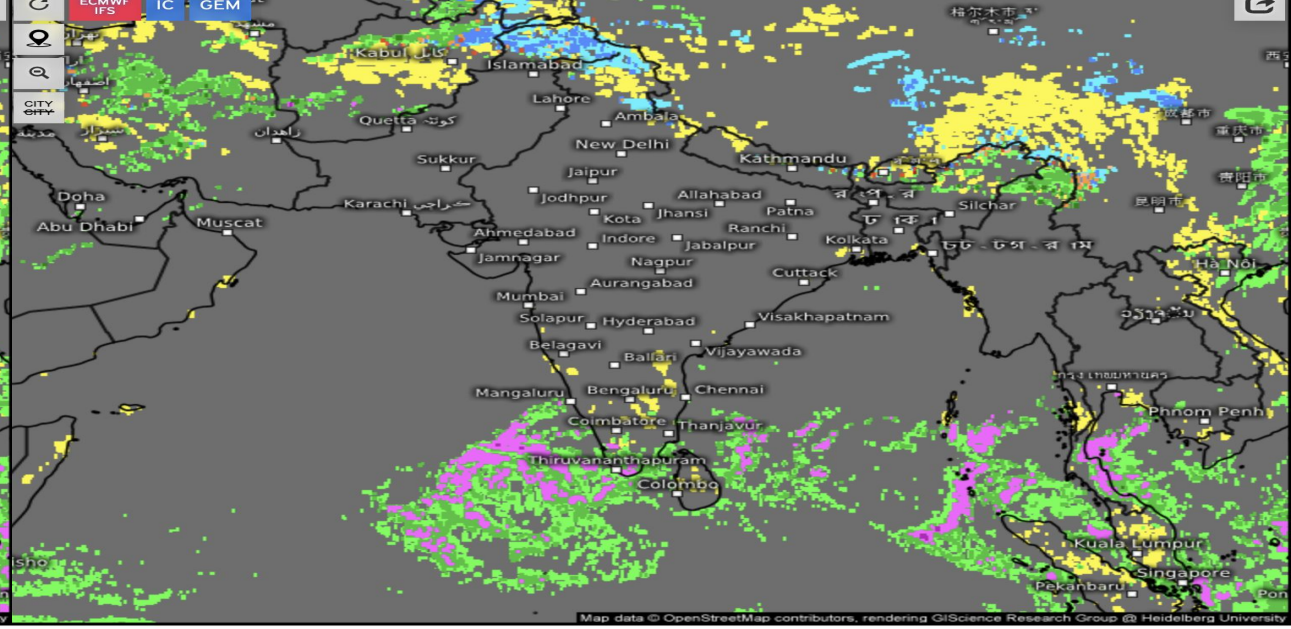
Valid for
Mon 03/10/2025, 05:30am IST



Significant Weather

Valid for
Tue 03/11/2025, 05:30am IST

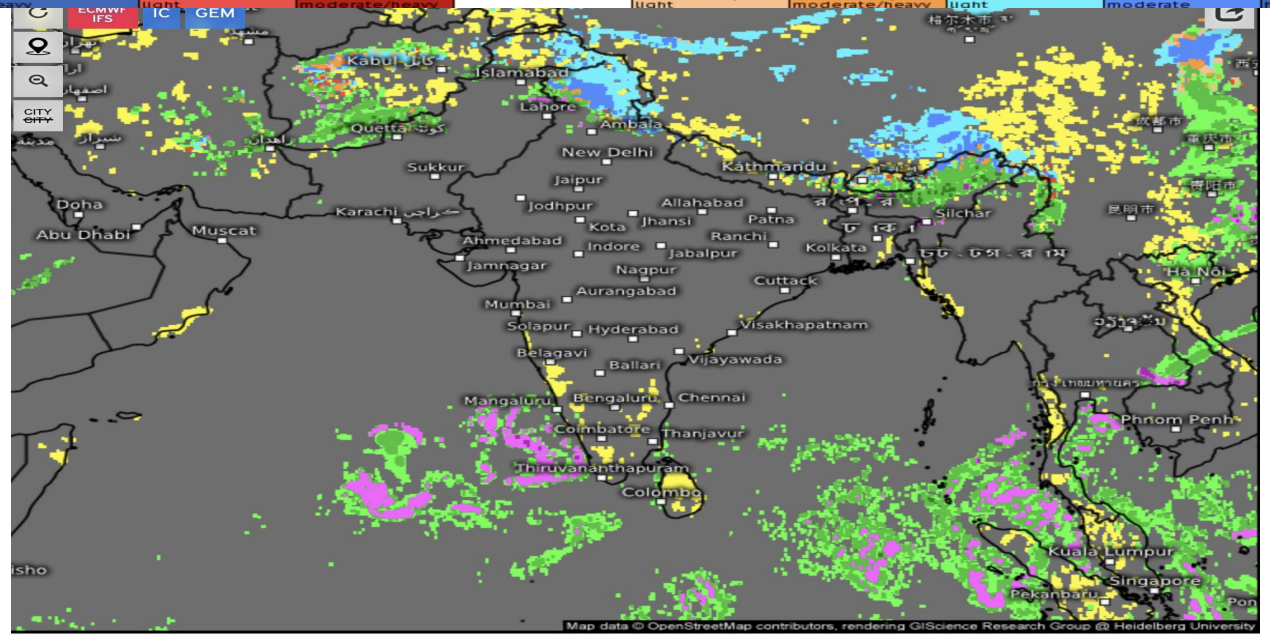
Fog	Fog freezing	Rain light	Rain moderate	Rain heavy	Thunderstorm nearby	Thunderstorm light/moderate	Thunderstorm severe
Mixed Rain/Snow light	Mixed Rain/Snow moderate/heavy	Snow light	Snow moderate	Snow heavy	Ice light	Ice moderate/heavy	



Significant Weather

Valid for
Wed 03/12/2025, 05:30am IST

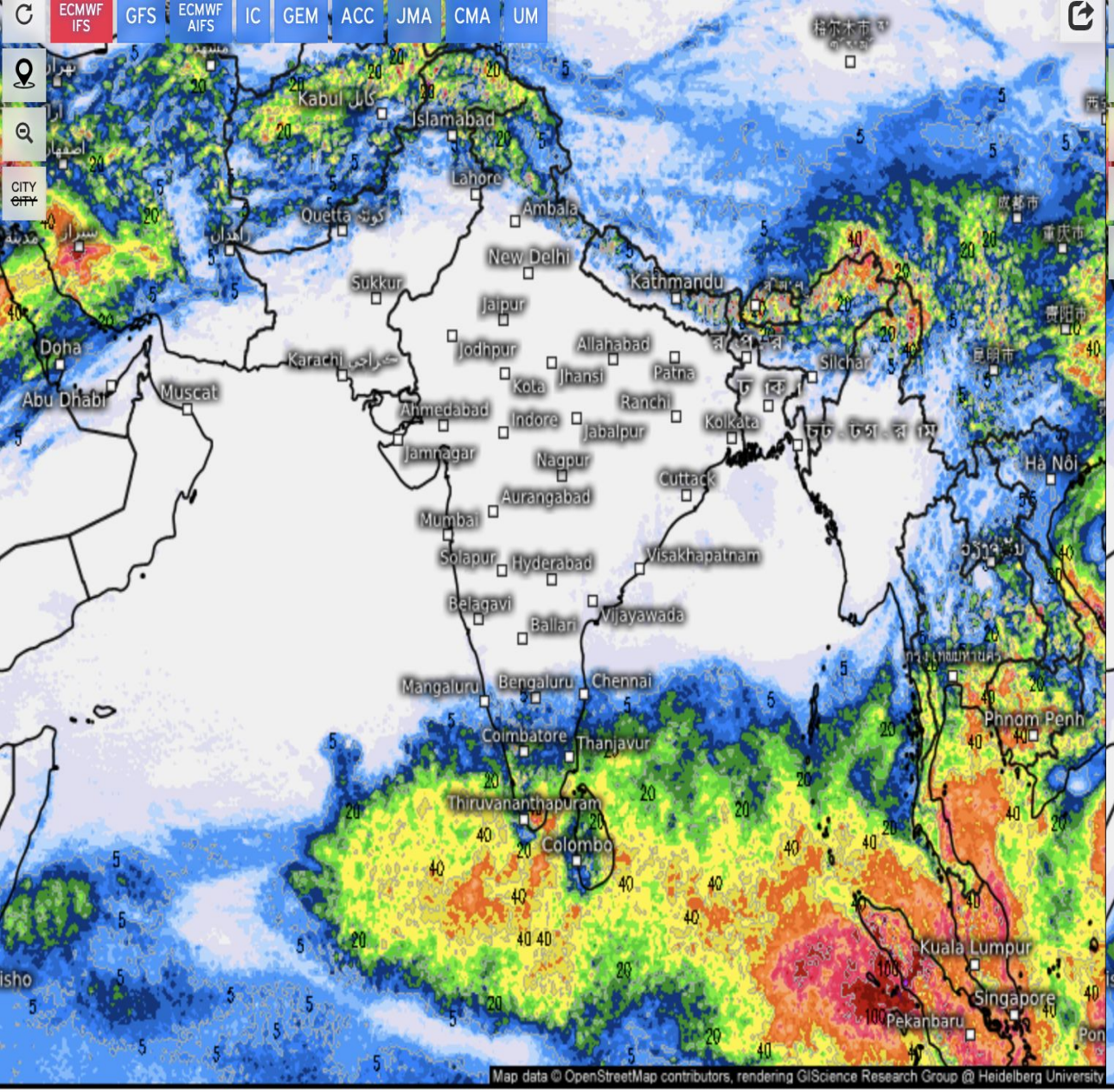
Fog	Fog freezing	Rain light	Rain moderate	Rain heavy	Thunderstorm nearby	Thunderstorm light/moderate	Thunderstorm severe
Mixed Rain/Snow light	Mixed Rain/Snow moderate/heavy	Snow light	Snow moderate	Snow heavy	Ice light	Ice moderate/heavy	

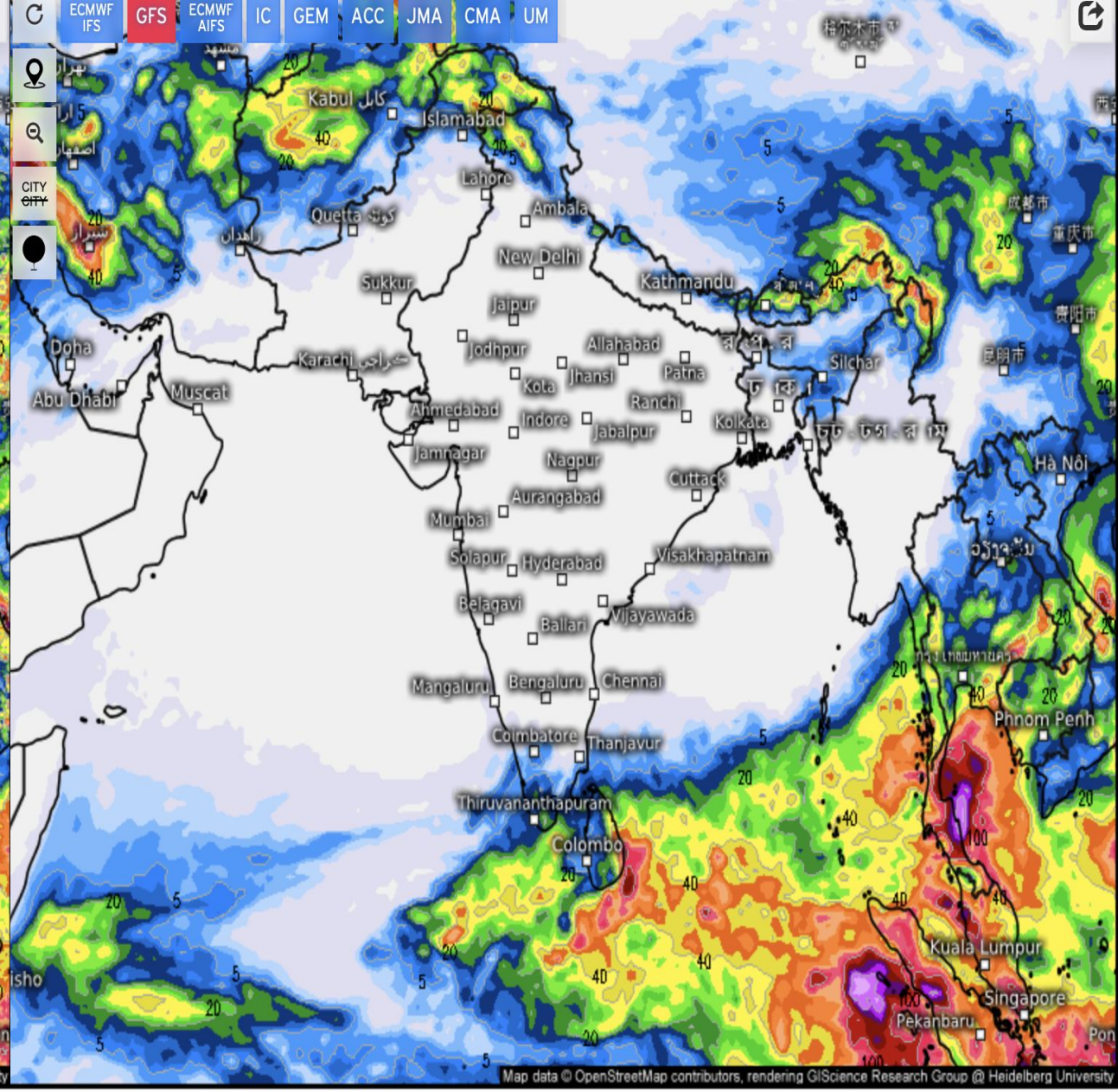


Significant Weather

Valid for
Thu 03/13/2025, 05:30am IST

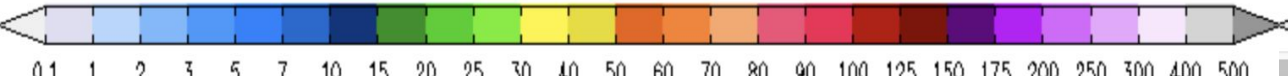
Fog	Fog freezing	Rain light	Rain moderate	Rain heavy	Thunderstorm nearby	Thunderstorm light/moderate	Thunderstorm severe
Mixed Rain/Snow light	Mixed Rain/Snow moderate/heavy	Snow light	Snow moderate	Snow heavy	Ice light	Ice moderate/heavy	





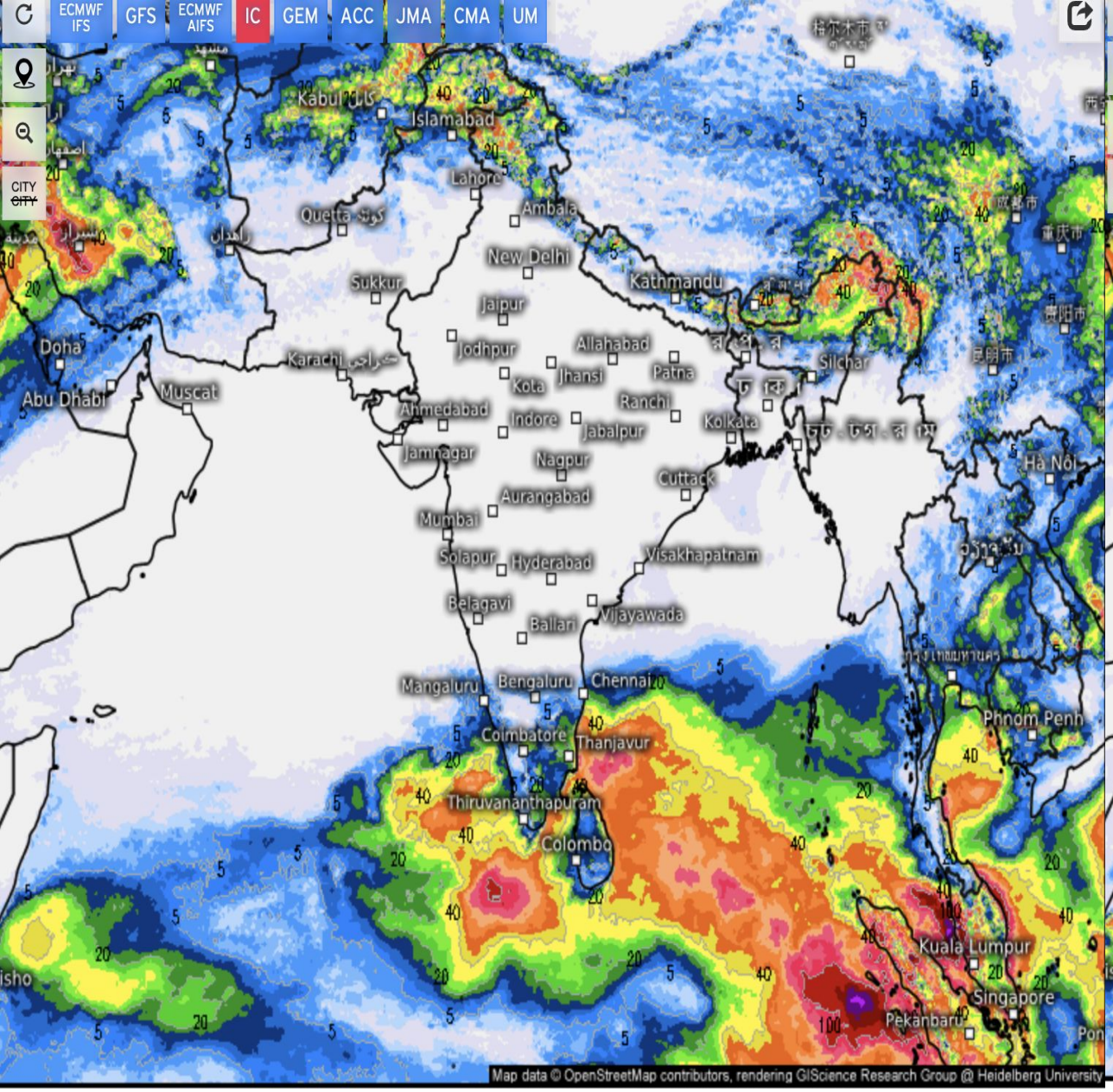
Accumulated total precipitation (mm)

From Thu 03/06/2025, 05:30am IST
to Thu 03/13/2025, 05:30am IST



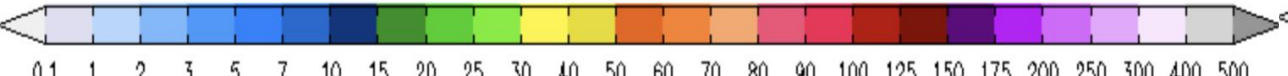
Accumulated total precipitation (mm)

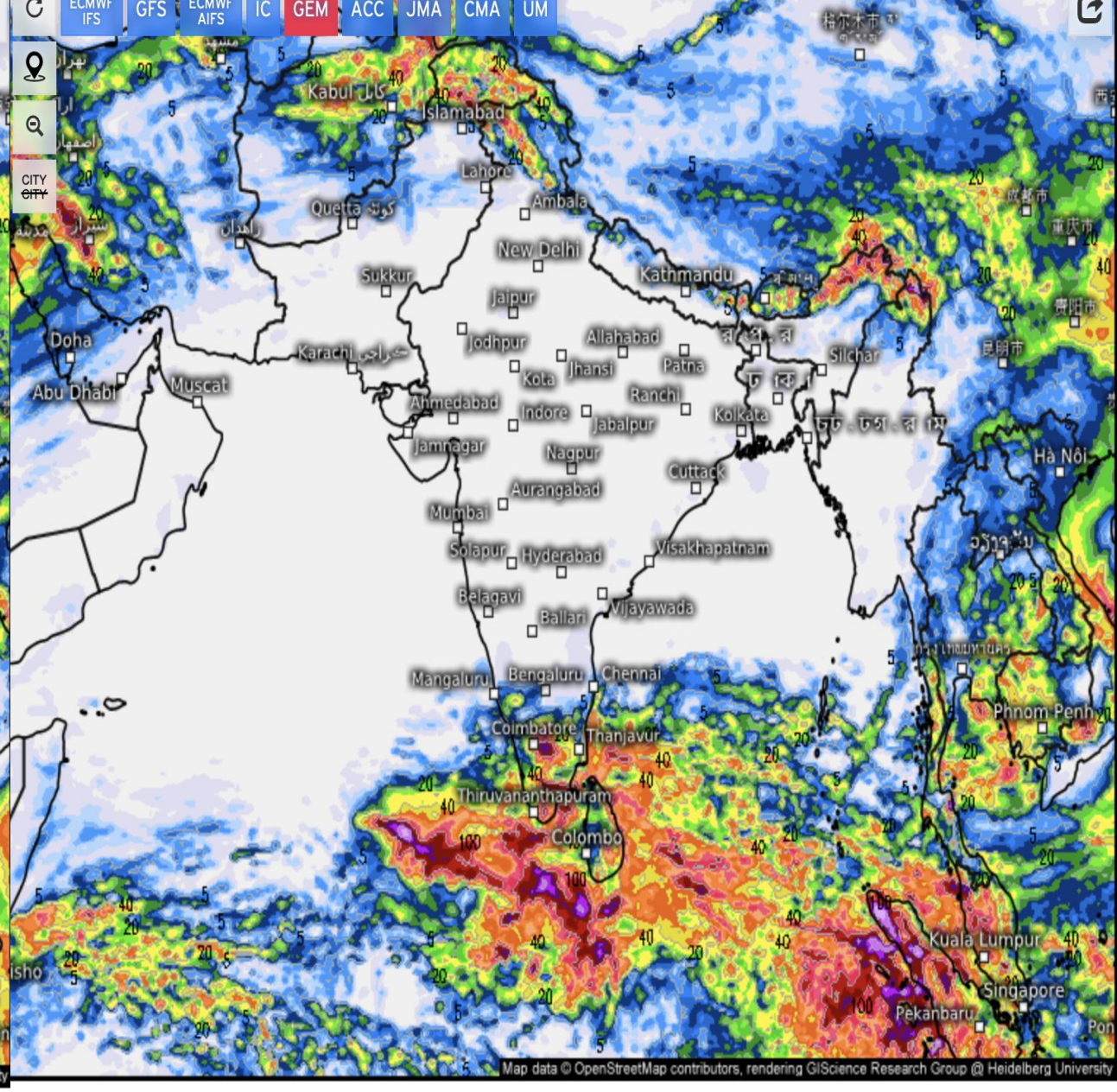
From Thu 03/06/2025, 05:30am IST
to Thu 03/13/2025, 05:30am IST



Accumulated total precipitation (mm)

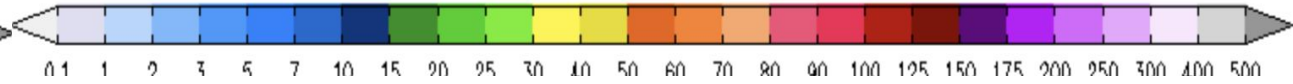
From Thu 03/06/2025, 05:30am IST
to Thu 03/13/2025, 05:30am IST

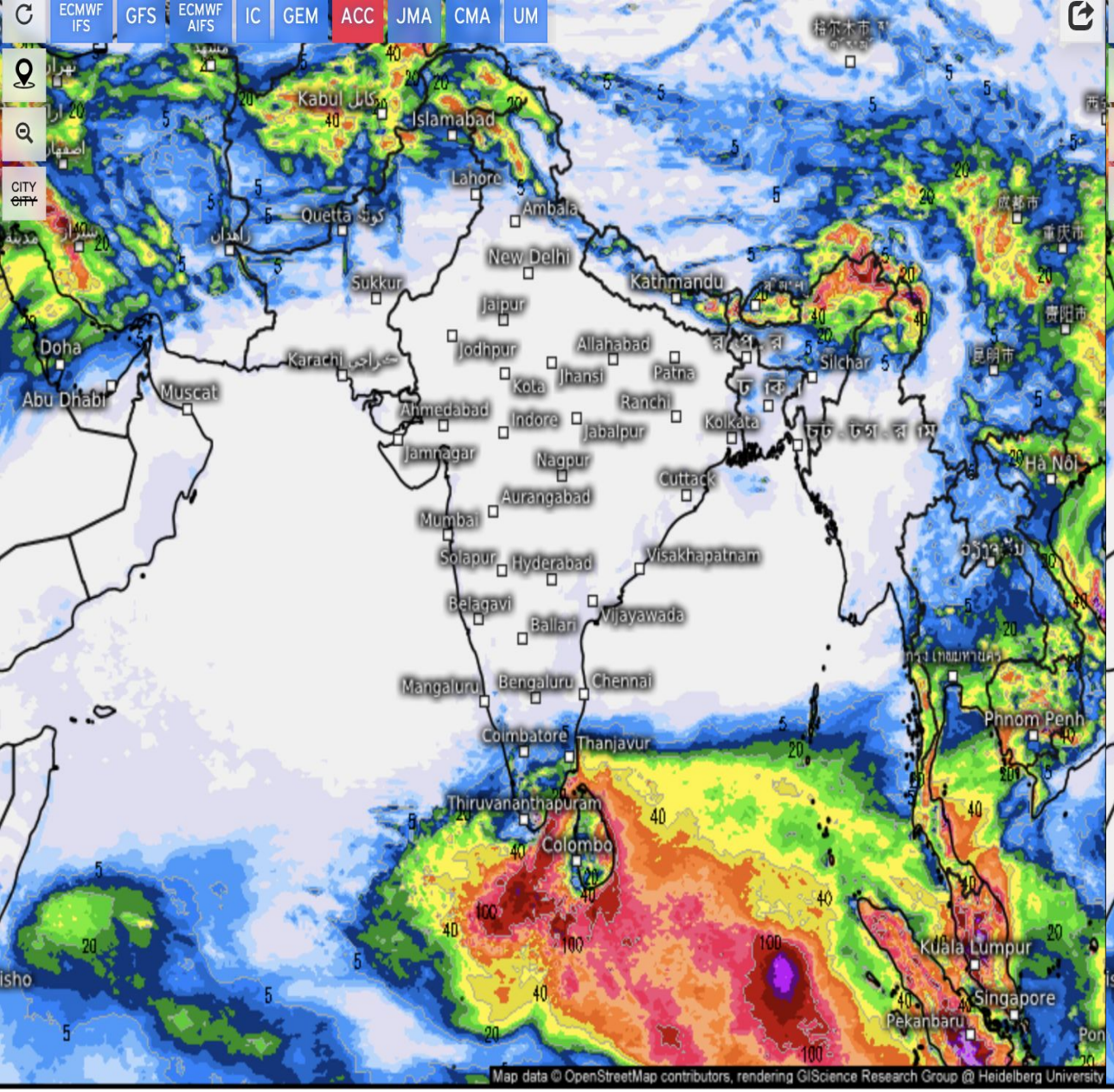


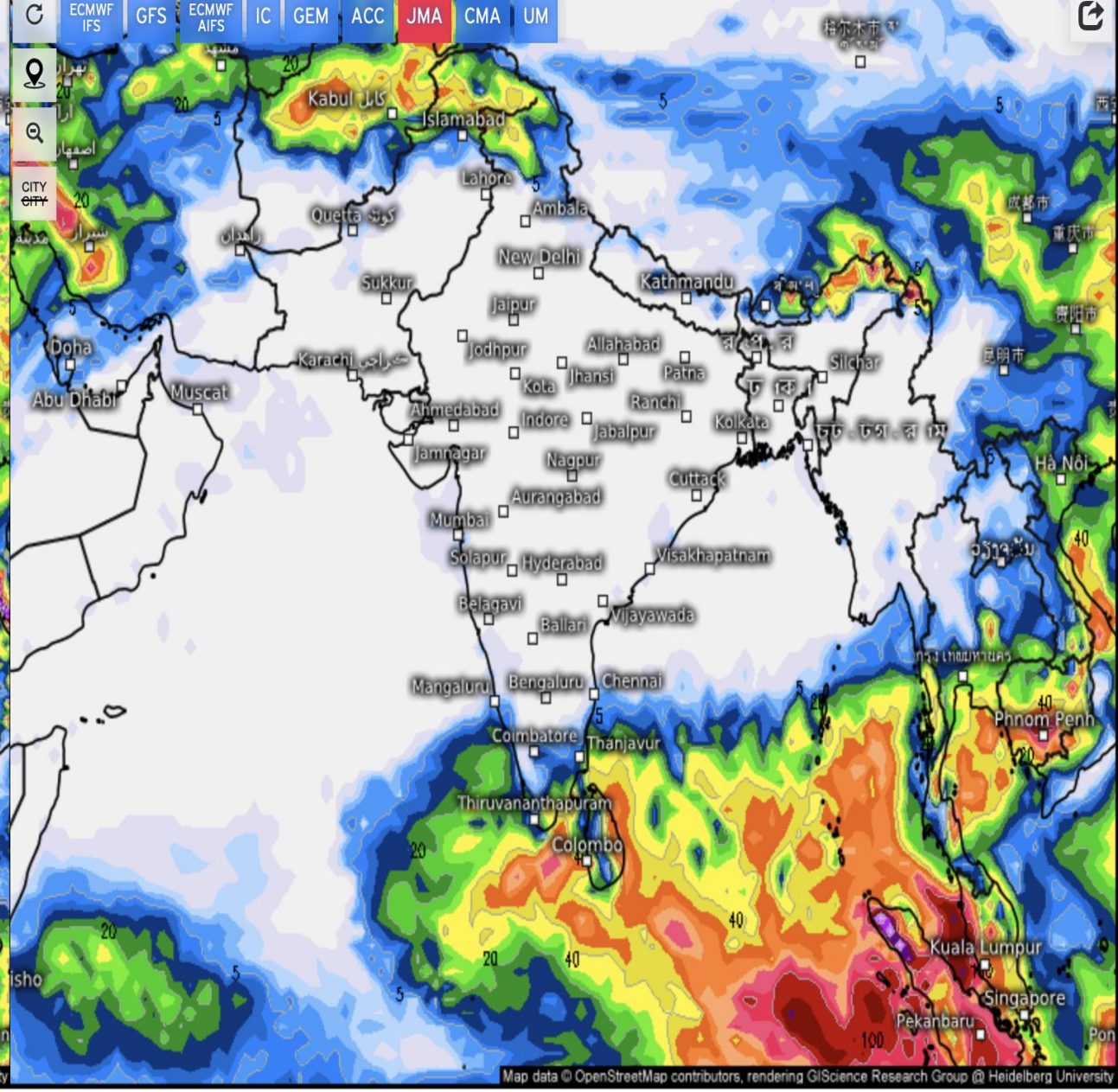


Accumulated total precipitation (mm)

From Thu 03/06/2025, 05:30am IST
to Thu 03/13/2025, 05:30am IST

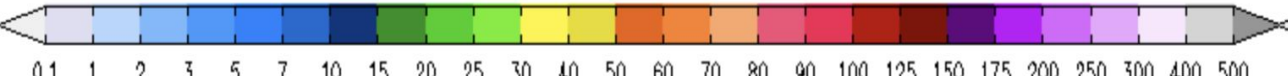






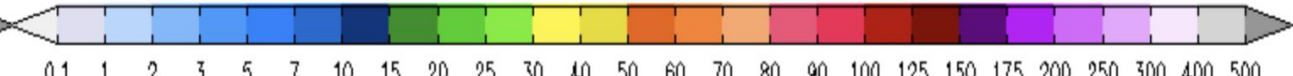
Accumulated total precipitation (mm)

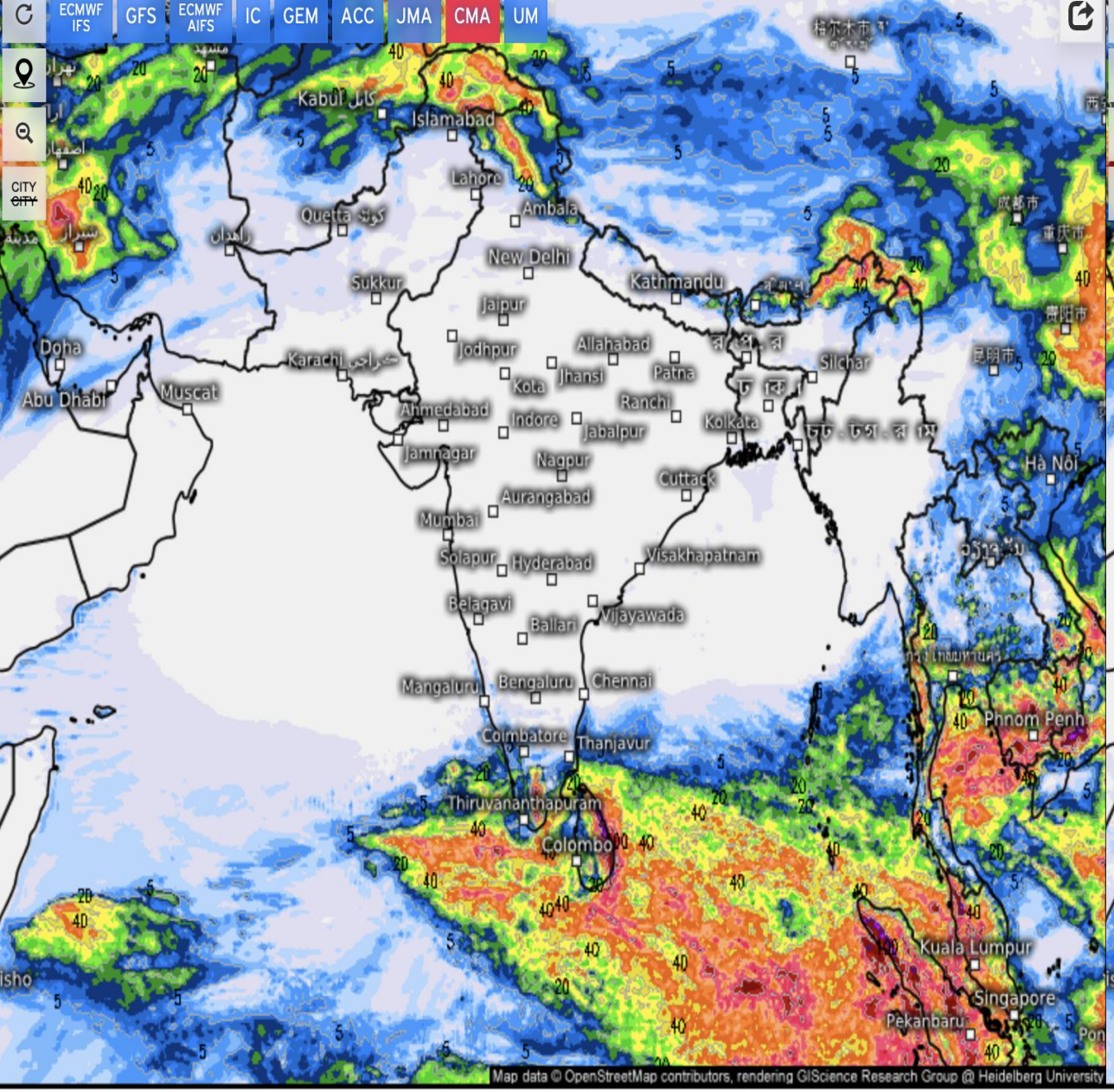
From Wed 03/05/2025, 05:30pm IST
to Thu 03/13/2025, 05:30am IST

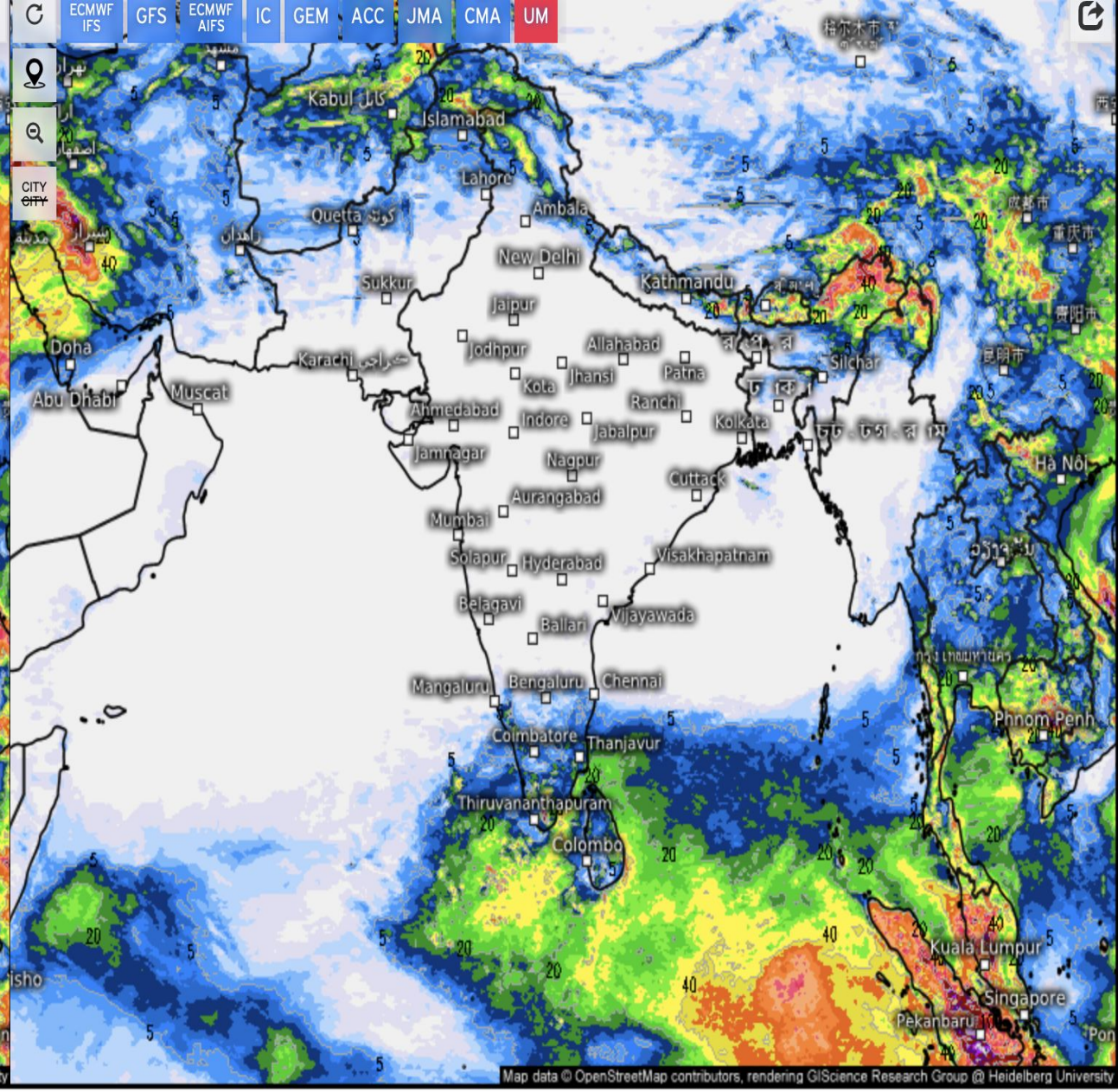


Accumulated total precipitation (mm)

From Wed 03/05/2025, 05:30pm IST
to Thu 03/13/2025, 05:30am IST

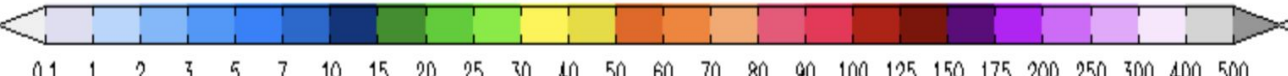






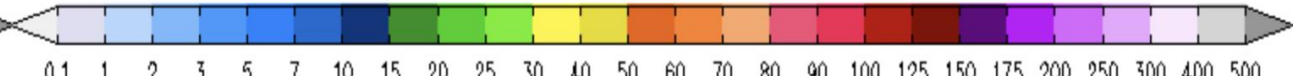
Accumulated total precipitation (mm)

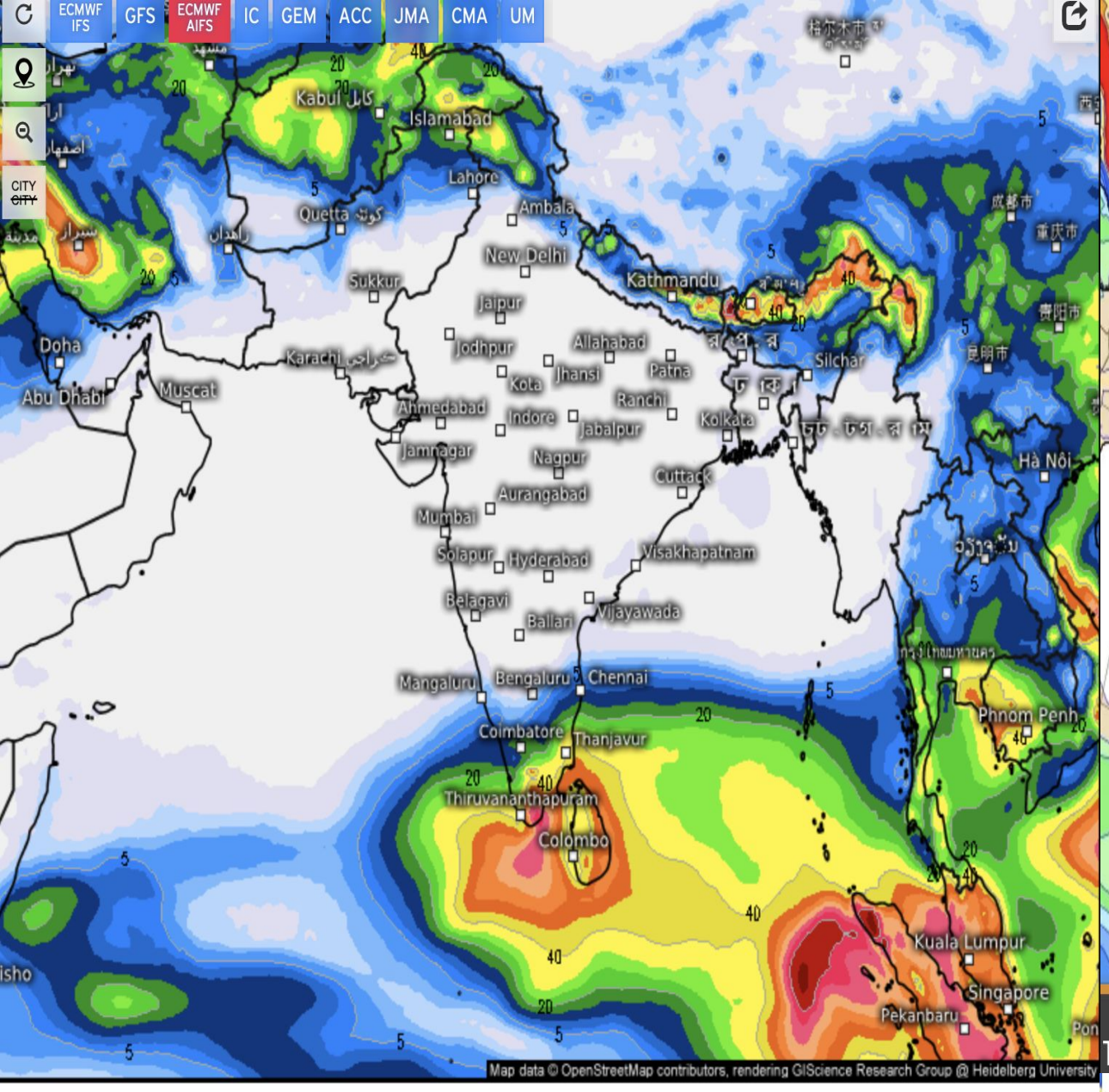
From Wed 03/05/2025, 05:30pm IST
to Thu 03/13/2025, 05:30am IST

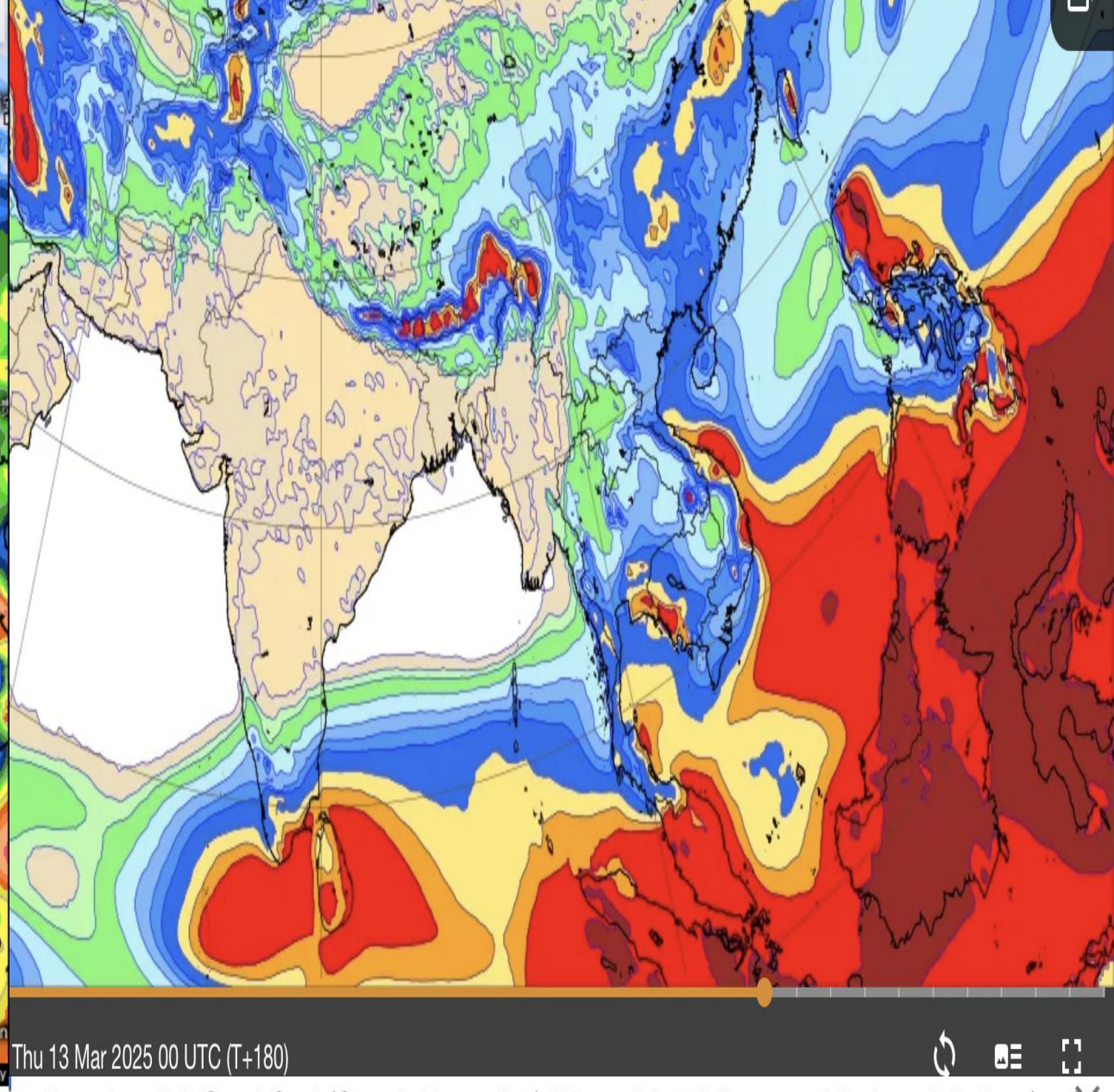


Accumulated total precipitation (mm)

From Wed 03/05/2025, 05:30pm IST
to Thu 03/13/2025, 05:30am IST







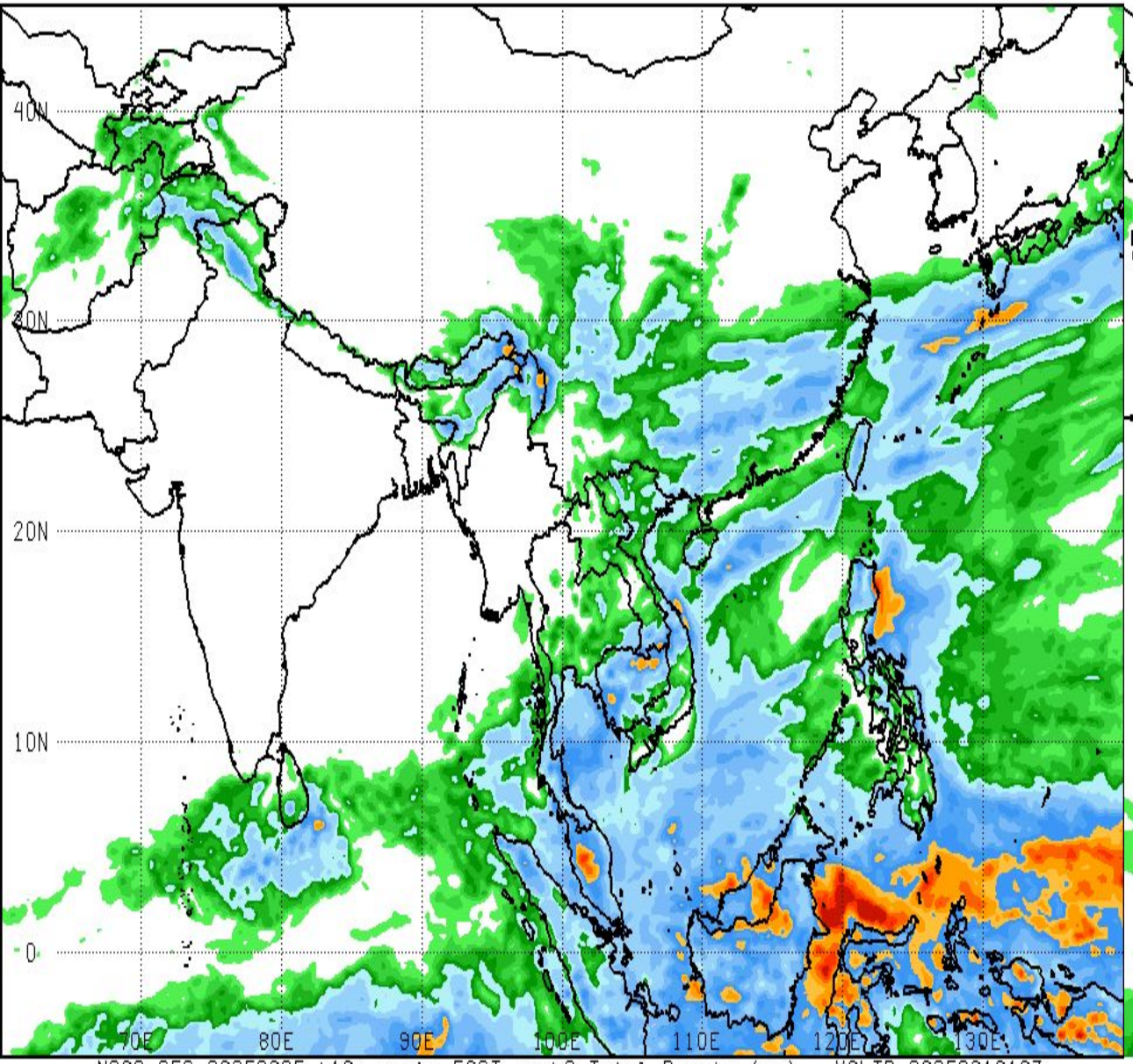
Accumulated total precipitation (mm)

From Thu 03/06/2025, 05:30am IST
to Thu 03/13/2025, 05:30am IST

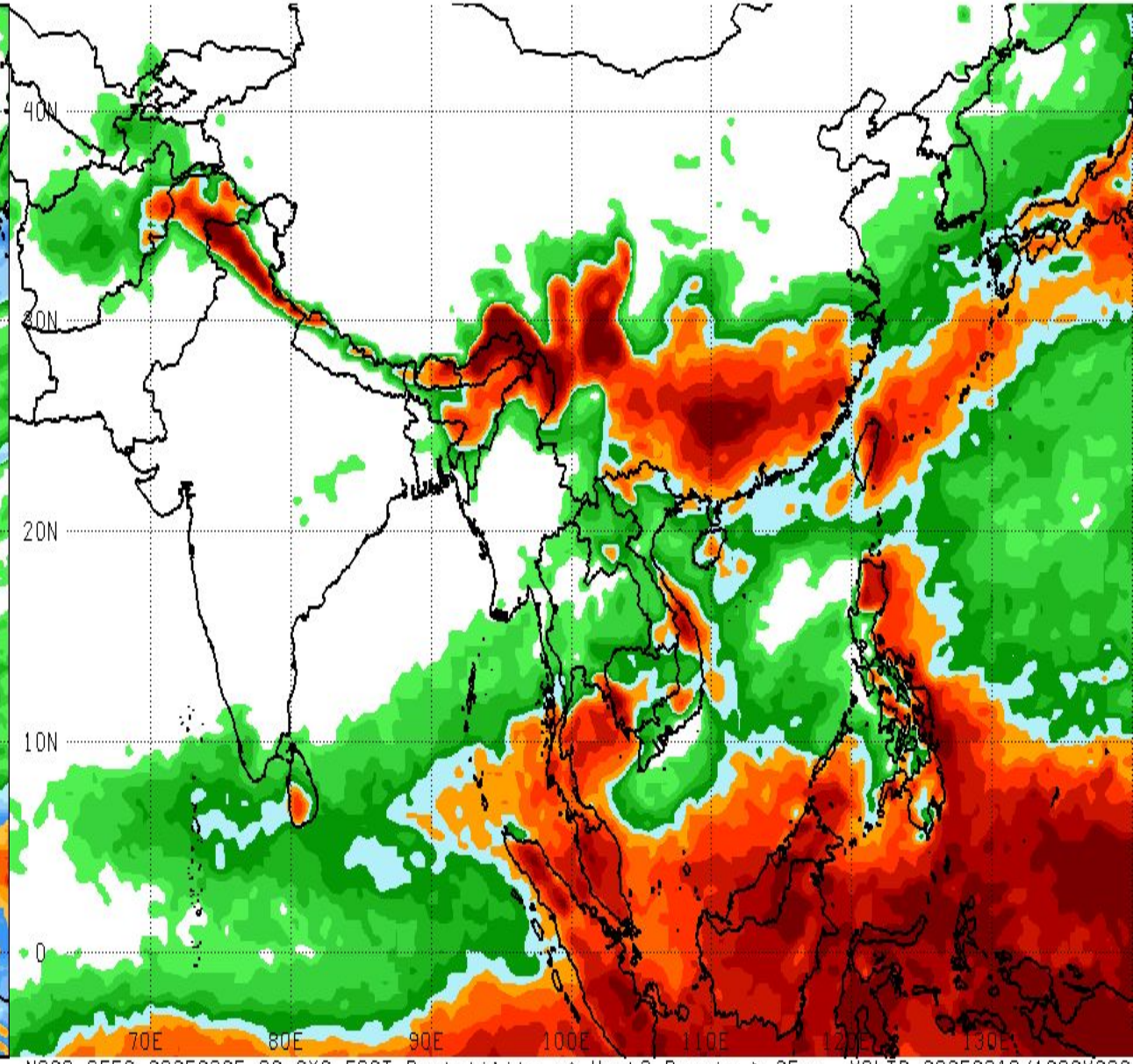
0.1 1 2 3 5 7 10 15 20 25 30 40 50 60 70 80 90 100 125 150 175 200 250 300 400 500

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

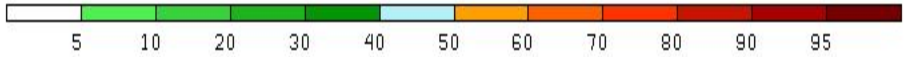
0.1 1 2 5 10 15 20 30 40 50 100 300 1000

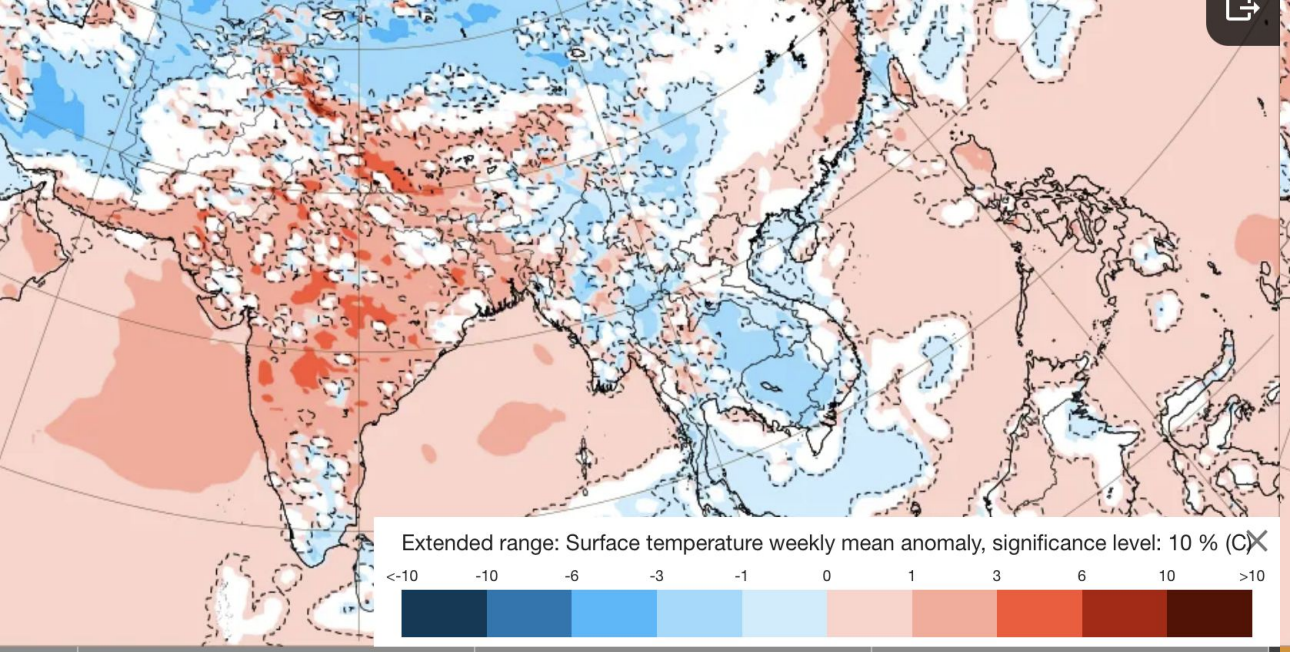


NOAA GFS 20250305 t18z cycle FCST week2 Total Precip (mm) VALID 2025031918Z

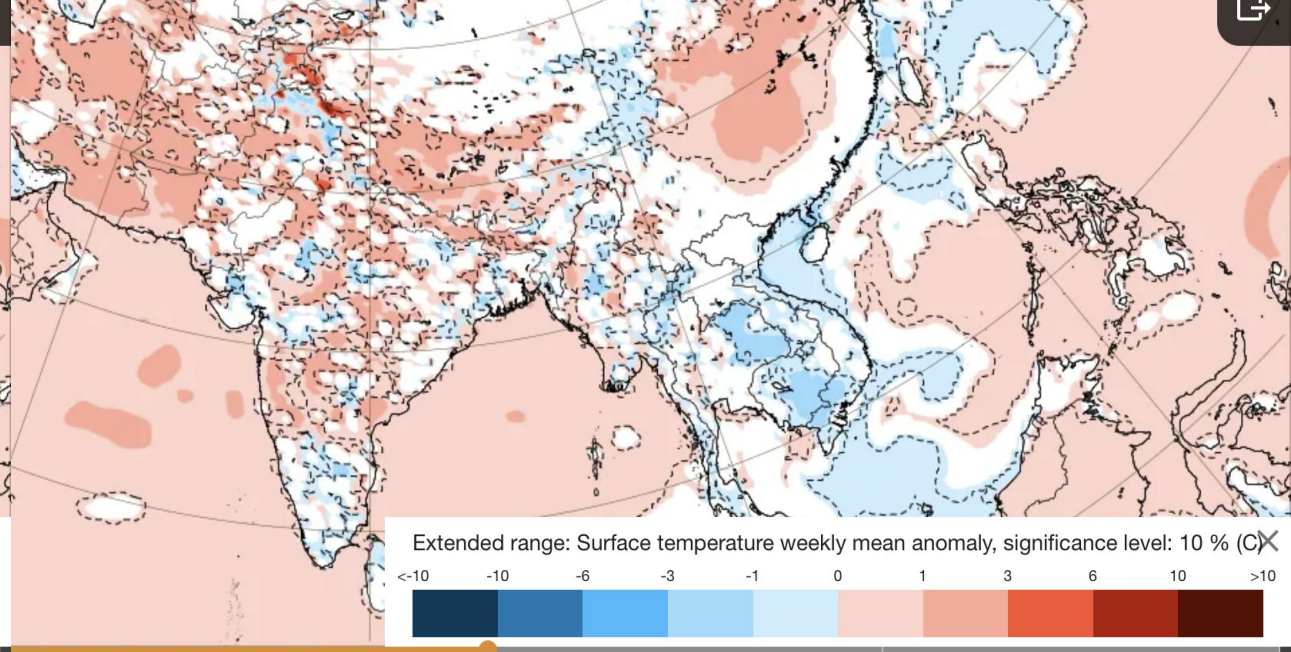


NOAA GEFS 20250305 00zCYC FCST Probability of Week2 Precip > 25mm VALID 20250319/1800V336

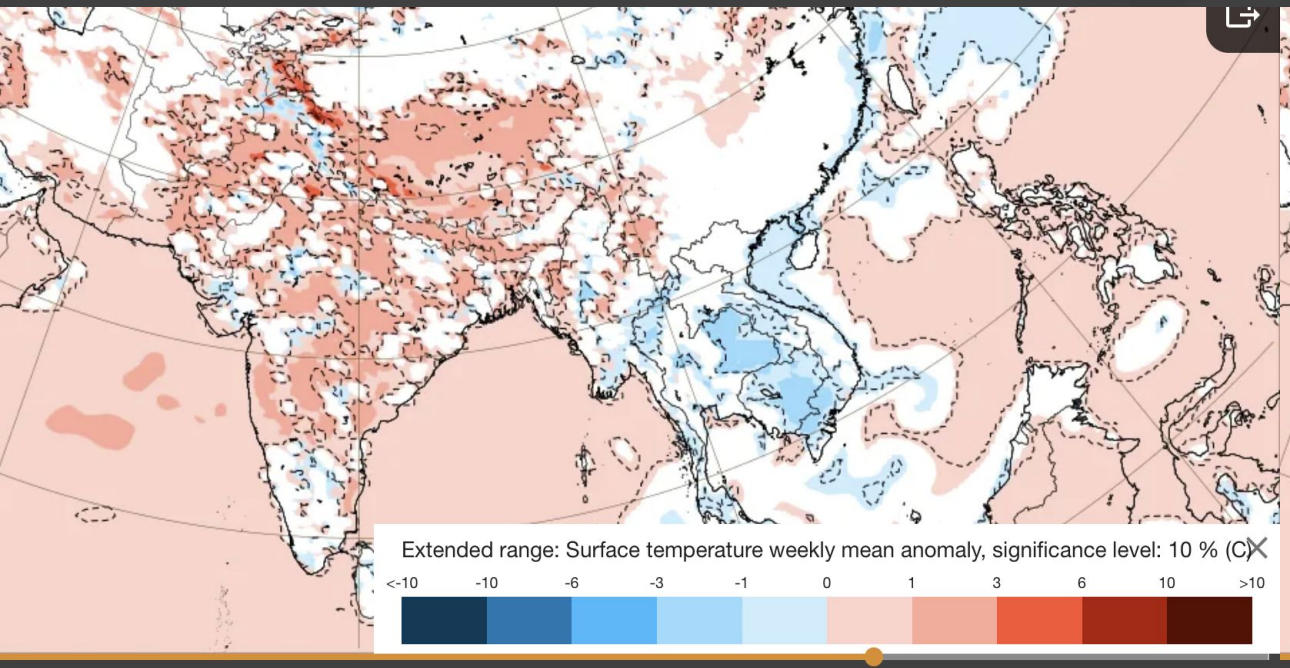




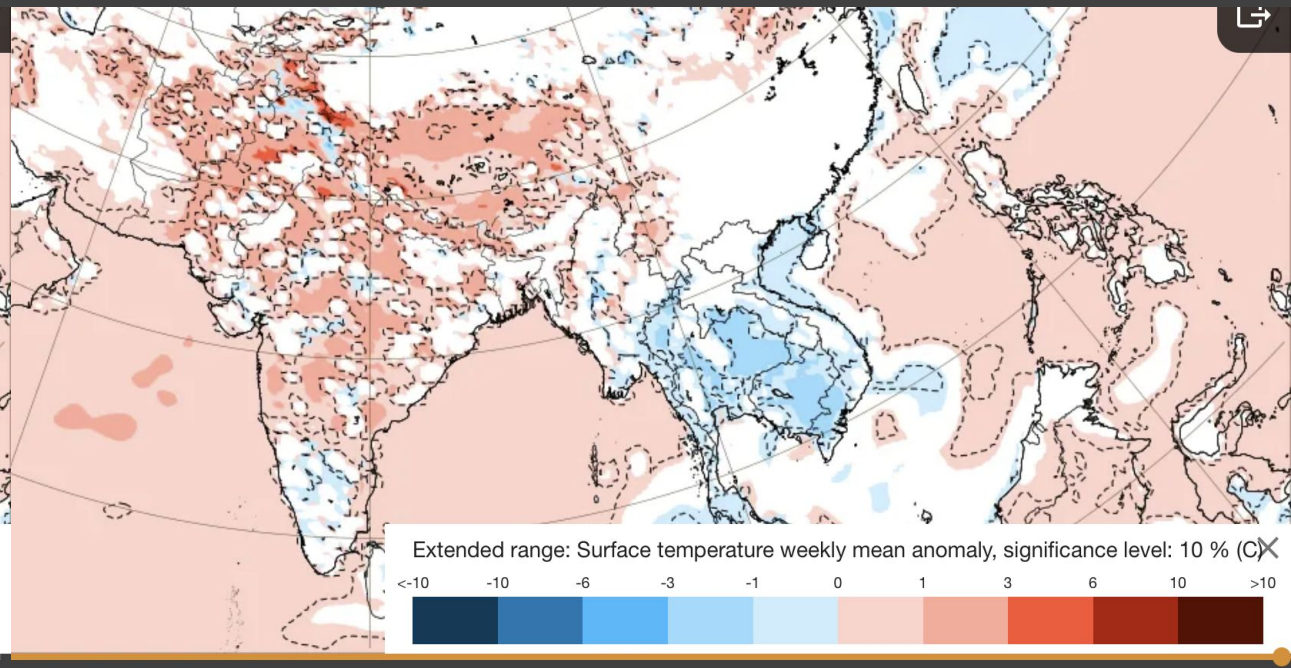
Mon 10 Mar 2025 - Mon 17 Mar 2025



Mon 24 Mar 2025 - Mon 31 Mar 2025

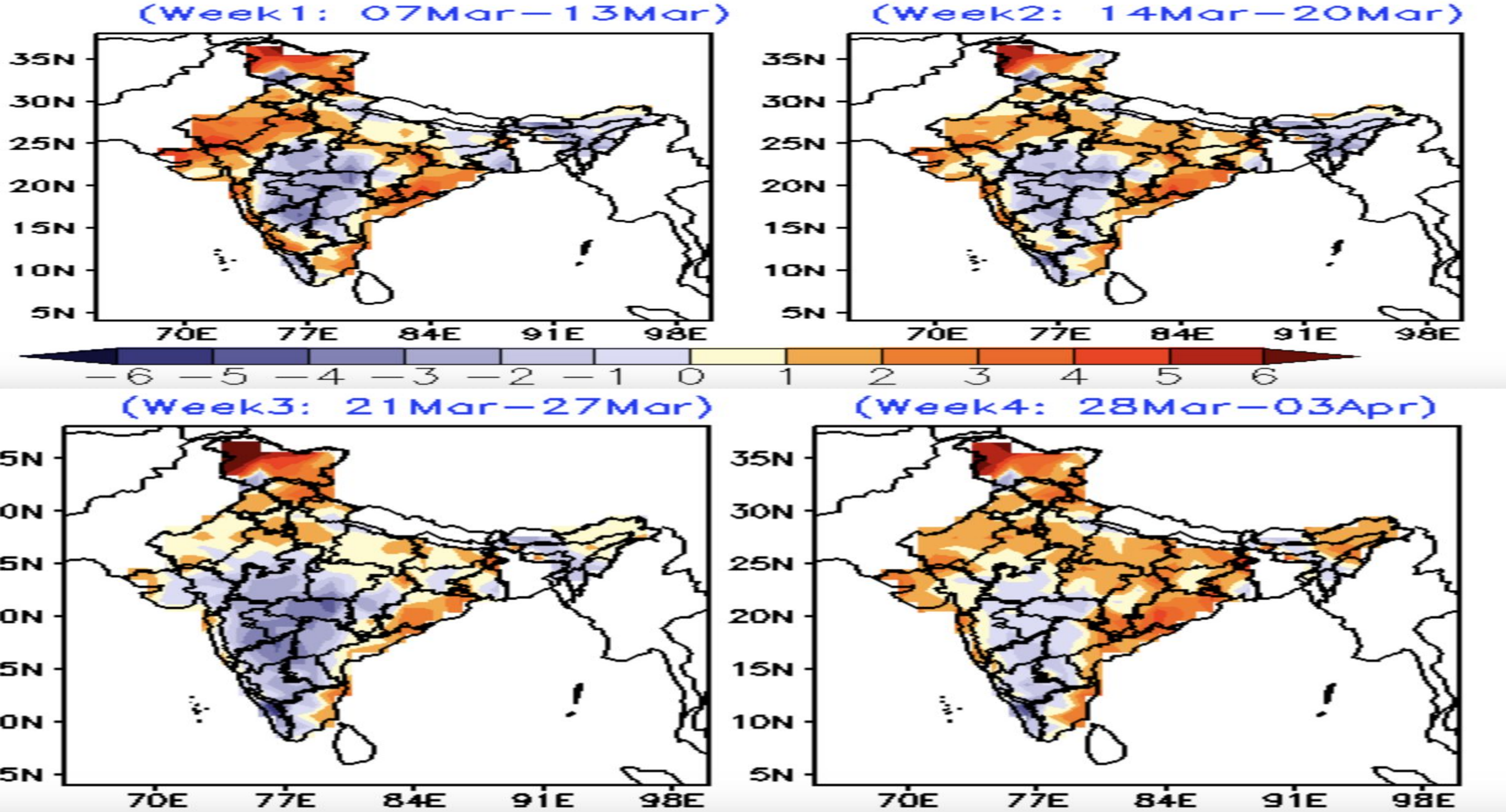


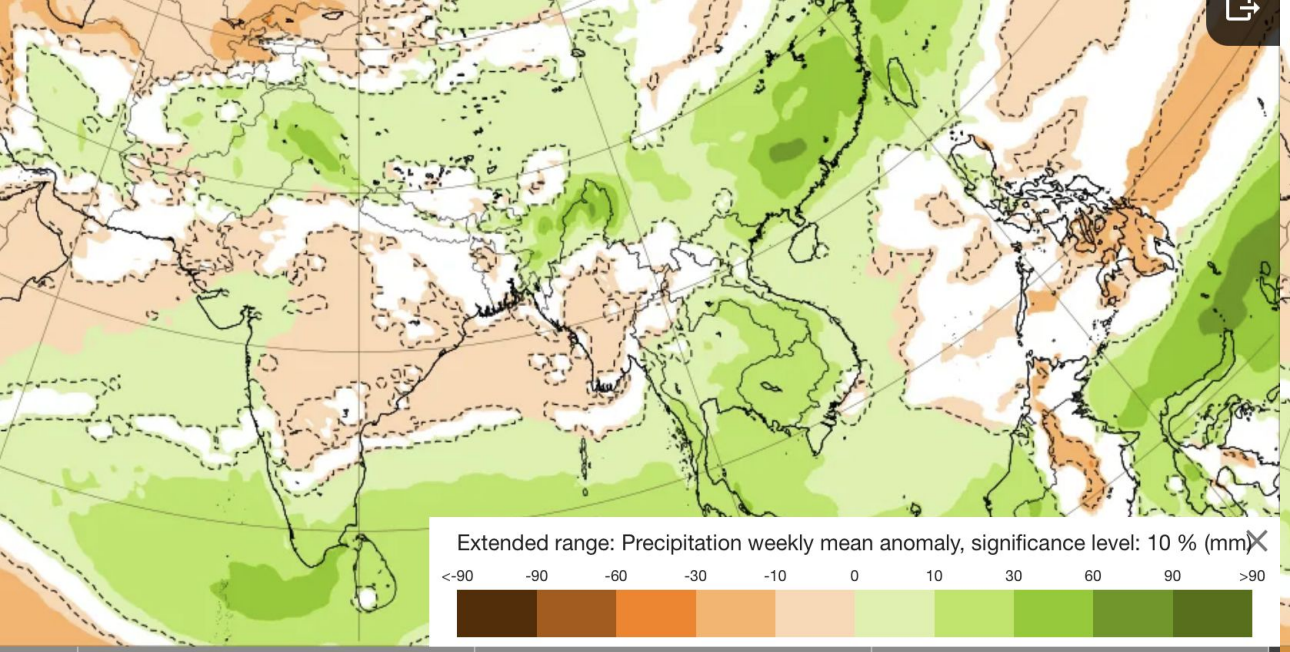
Mon 31 Mar 2025 - Mon 07 Apr 2025



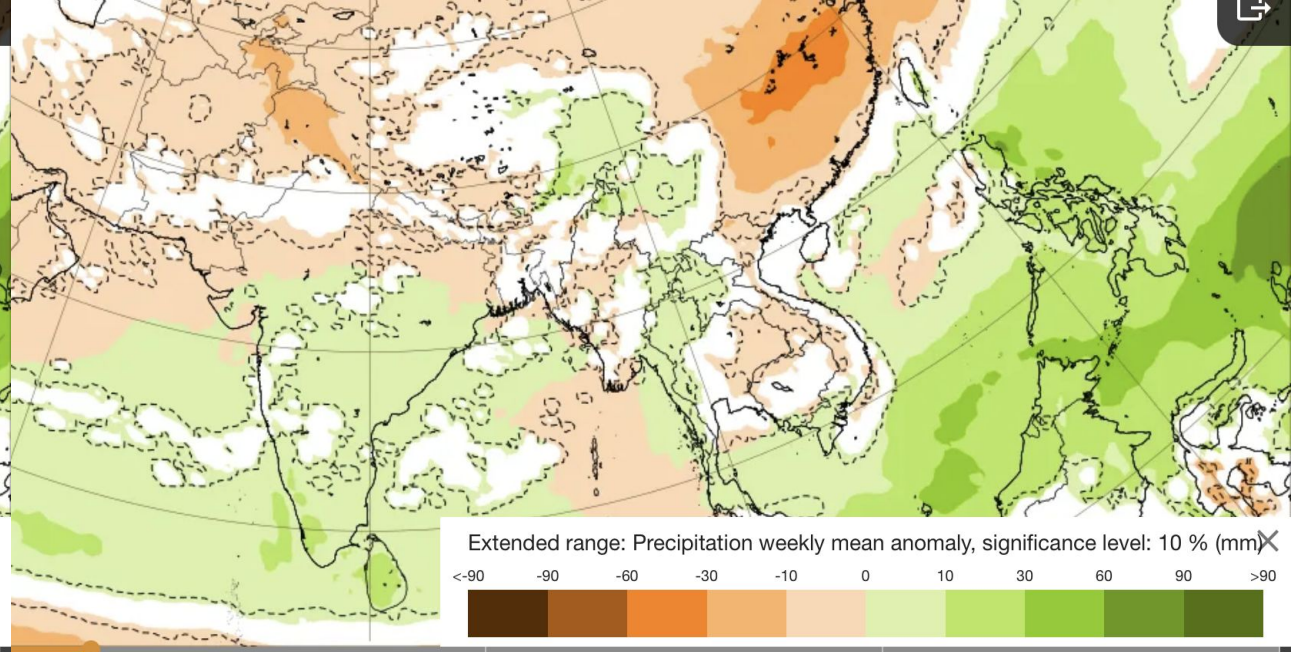
Mon 07 Apr 2025 - Mon 14 Apr 2025

MME forecast Tmax anomaly (Deg C)

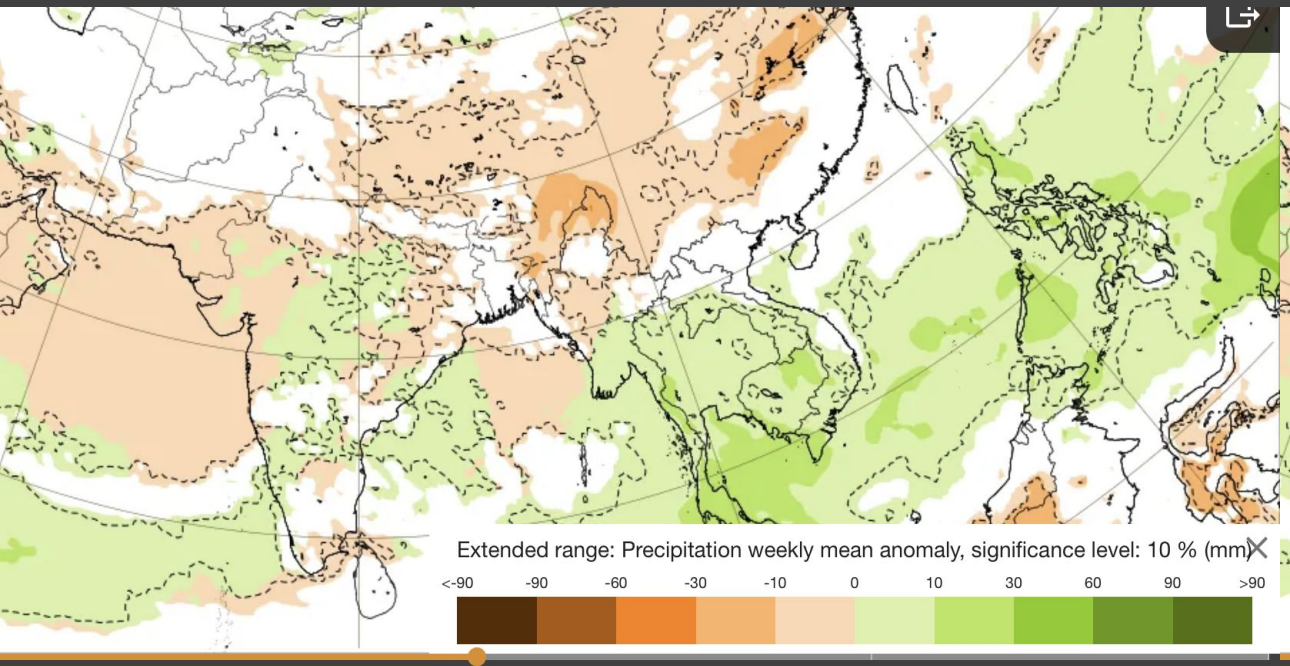




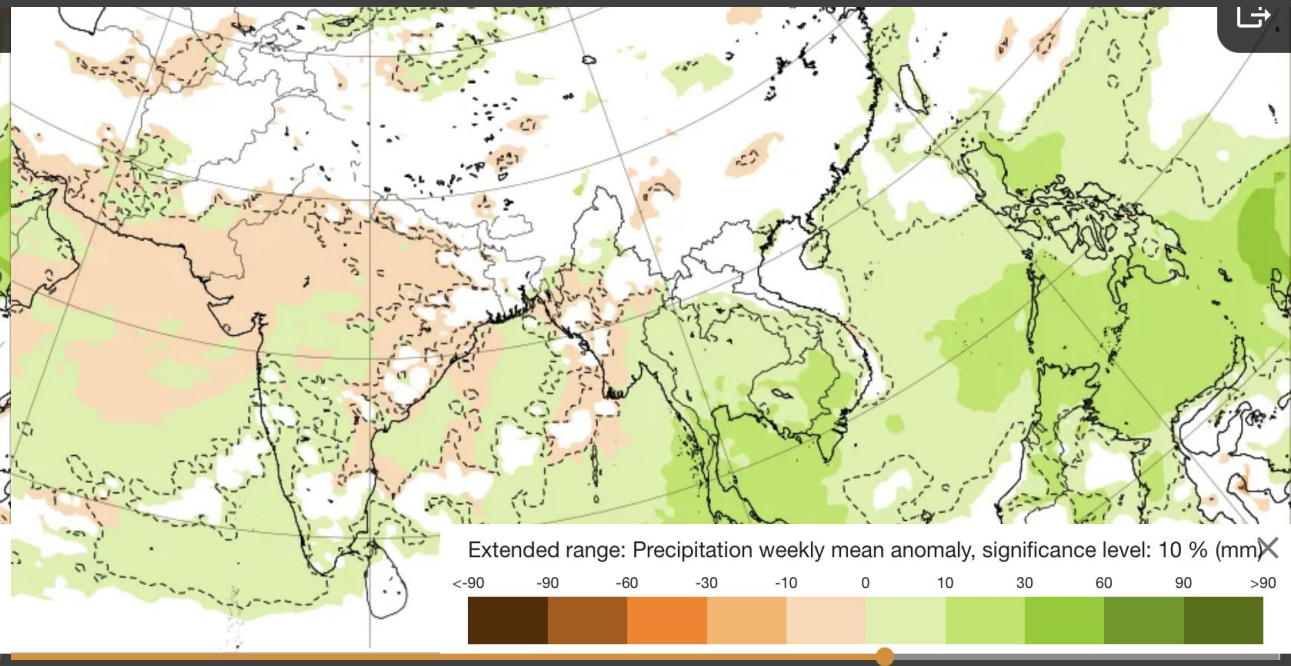
Mon 10 Mar 2025 - Mon 17 Mar 2025



Mon 17 Mar 2025 - Mon 24 Mar 2025

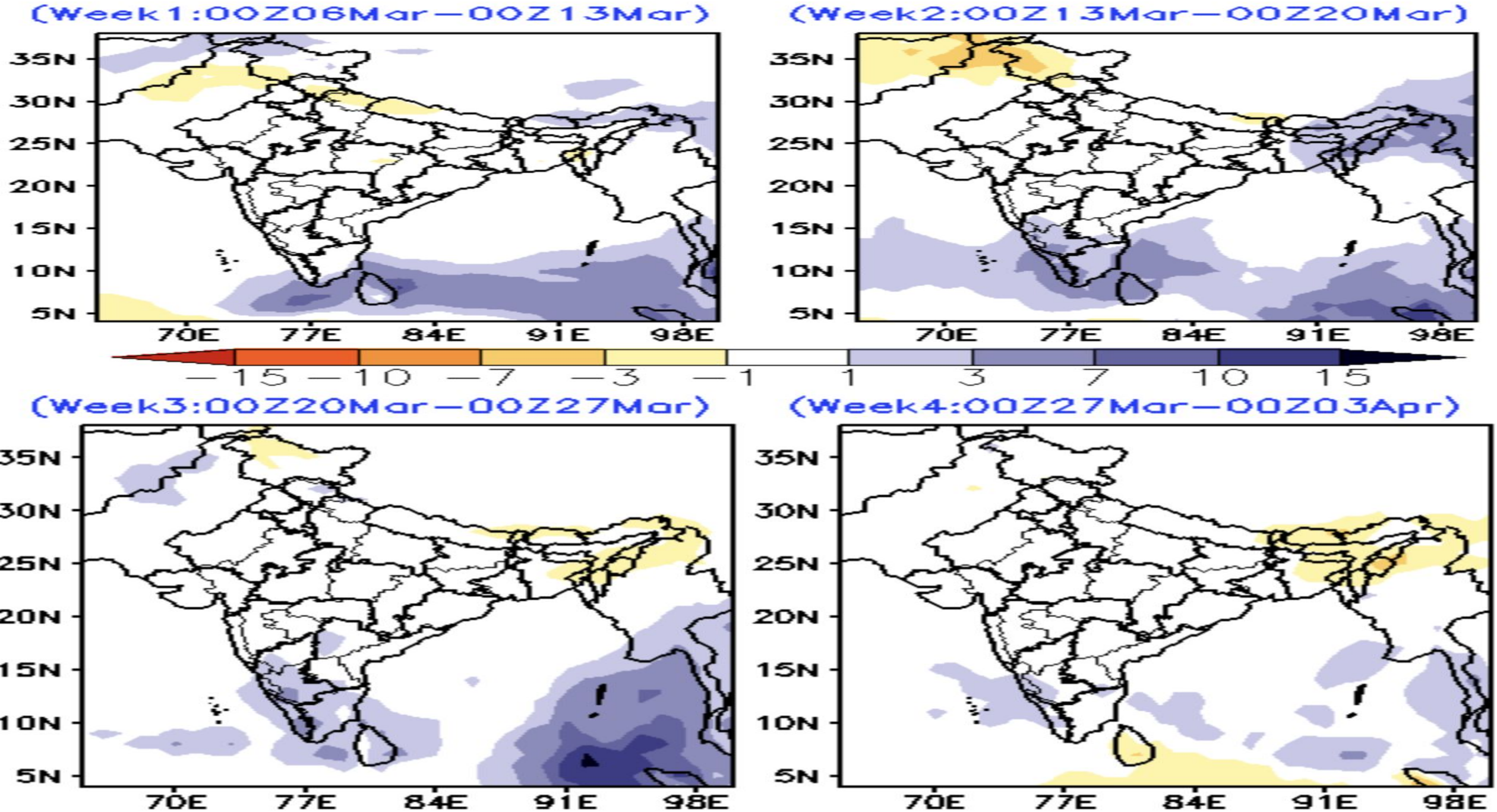


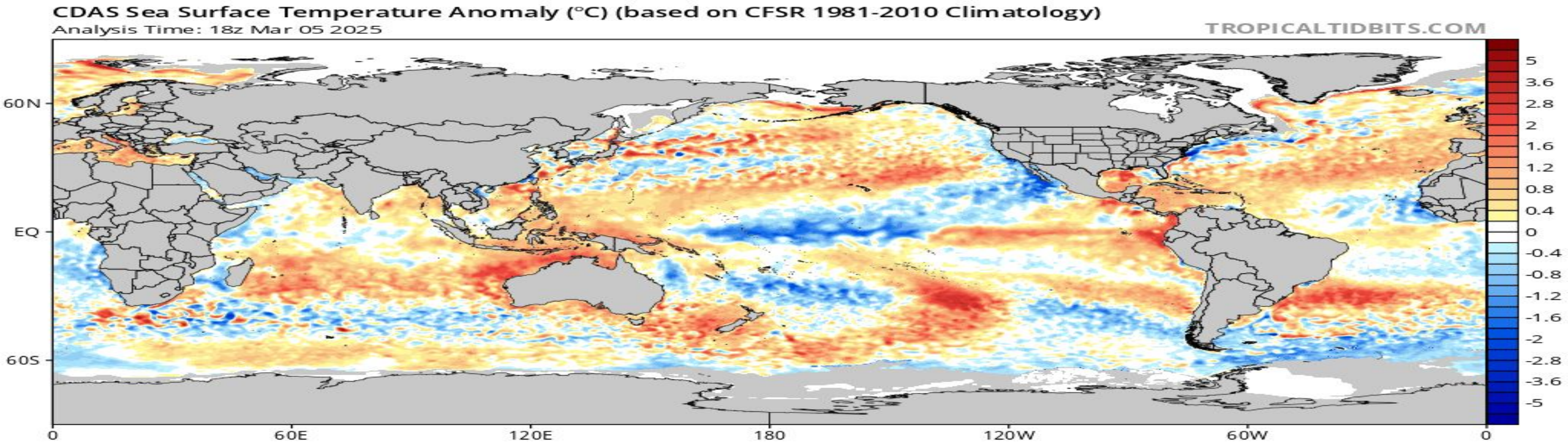
Mon 24 Mar 2025 - Mon 31 Mar 2025

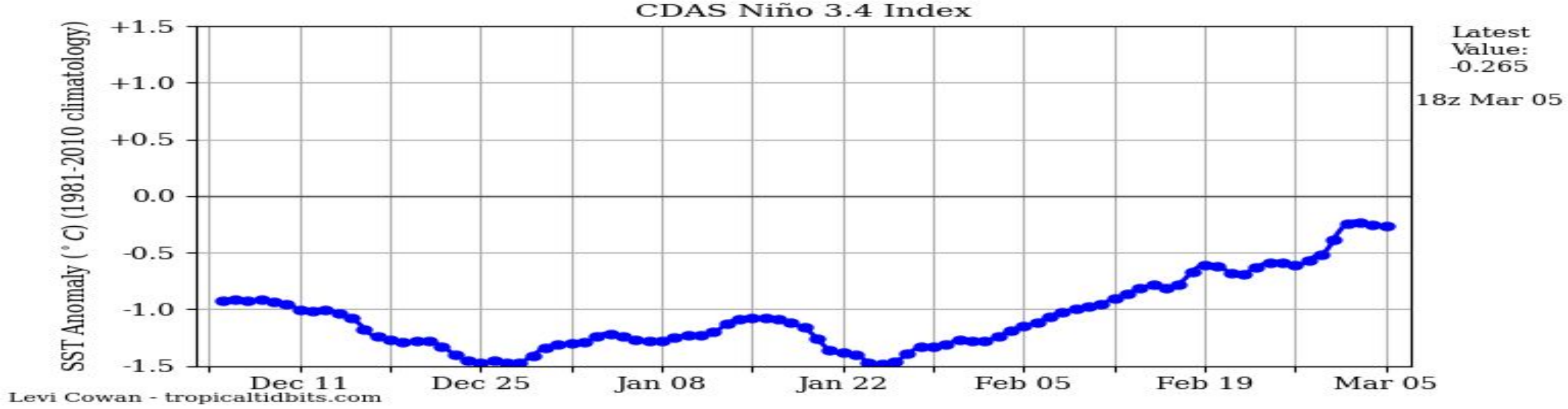


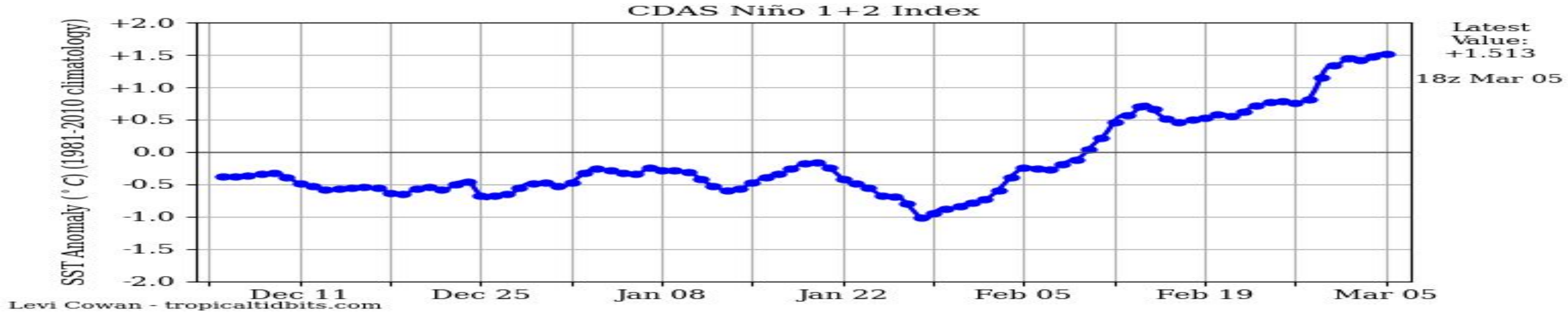
Mon 31 Mar 2025 - Mon 07 Apr 2025

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




CDAS Sea Surface Temperature Anomaly (°C) (based on CFSR 1981-2010 Climatology)
Analysis Time: 18z Mar 05 2025
TROPICALTIDBITS.COM
60N
EQ
60S
0
60E
120E
180
120W
60W
0
5
3.6
2.8
2
1.6
1.2
0.8
0.4
0
-0.4
-0.8
-1.2
-1.6
-2
-2.8
-3.6
-5


CDAS Niño 3.4 Index
SST Anomaly (°C) (1981-2010 climatology)
+1.5
+1.0
+0.5
0.0
-0.5
-1.0
-1.5
Latest Value: -0.265
18z Mar 05
Dec 11
Dec 25
Jan 08
Jan 22
Feb 05
Feb 19
Mar 05
Levi Cowan - tropicaltidbits.com


CDAS Niño 1+2 Index
SST Anomaly (°C) (1981-2010 climatology)
+2.0
+1.5
+1.0
+0.5
0.0
-0.5
-1.0
-1.5
-2.0
Latest Value: +1.513
18z Mar 05
Dec 11
Dec 25
Jan 08
Jan 22
Feb 05
Feb 19
Mar 05
Levi Cowan - tropicaltidbits.com


CDAS Niño 3 Index
SST Anomaly (°C) (1981-2010 climatology)
+1.0
+0.8
+0.6
+0.4
+0.2
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
Latest Value: +0.447
18z Mar 05
Dec 11
Dec 25
Jan 08
Jan 22
Feb 05
Feb 19
Mar 05
Levi Cowan - tropicaltidbits.com


west
east
Indian Ocean - IOD
NINO3.4
NINO2
NINO4
NINO3
NINO1
Pacific Ocean - NINO

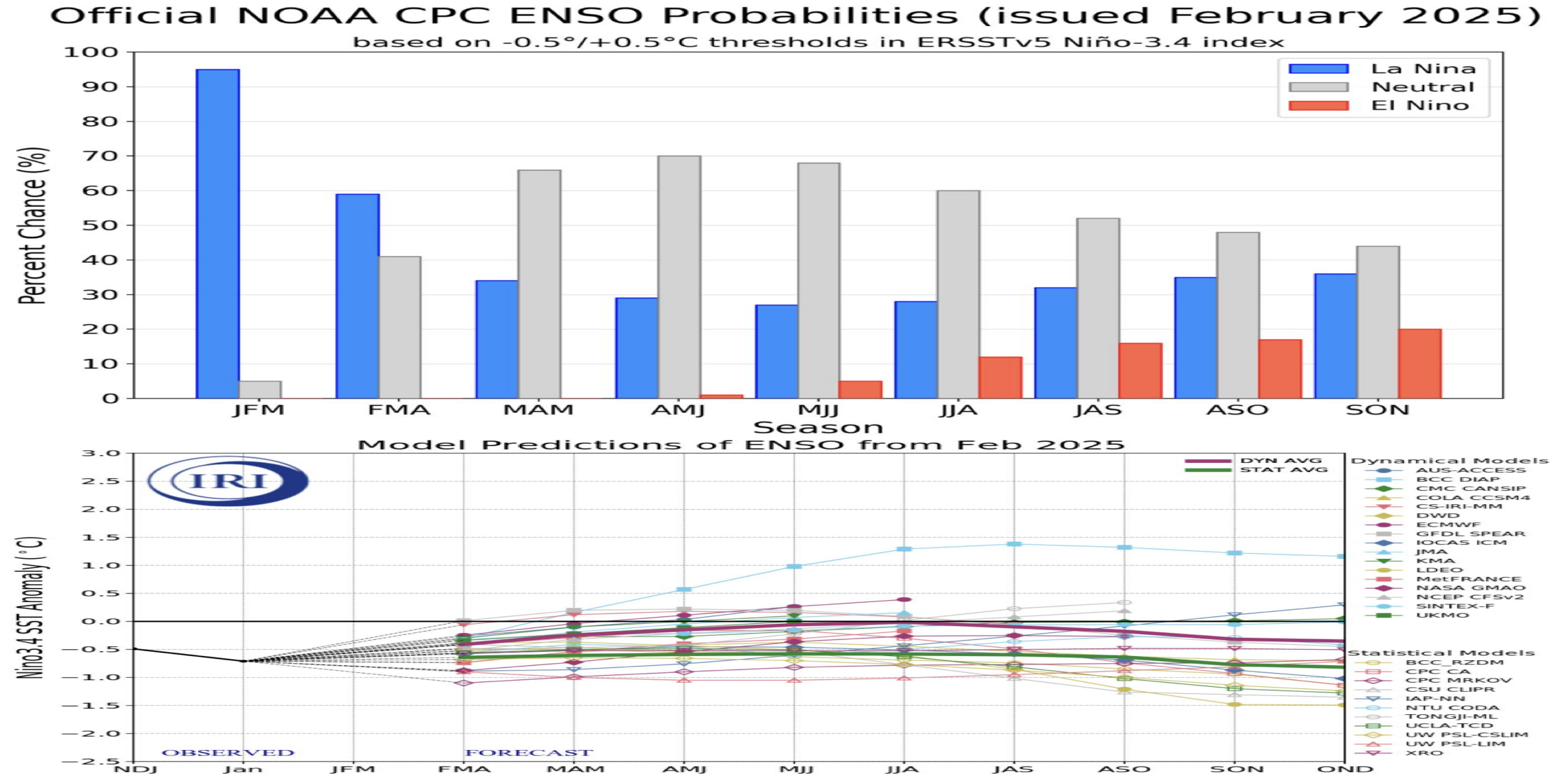
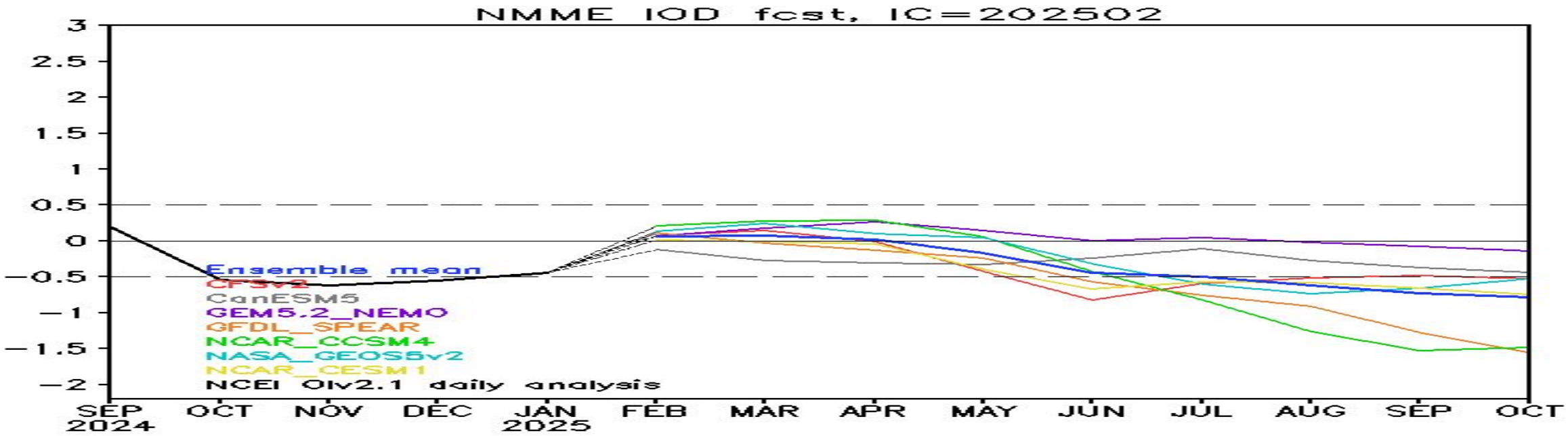
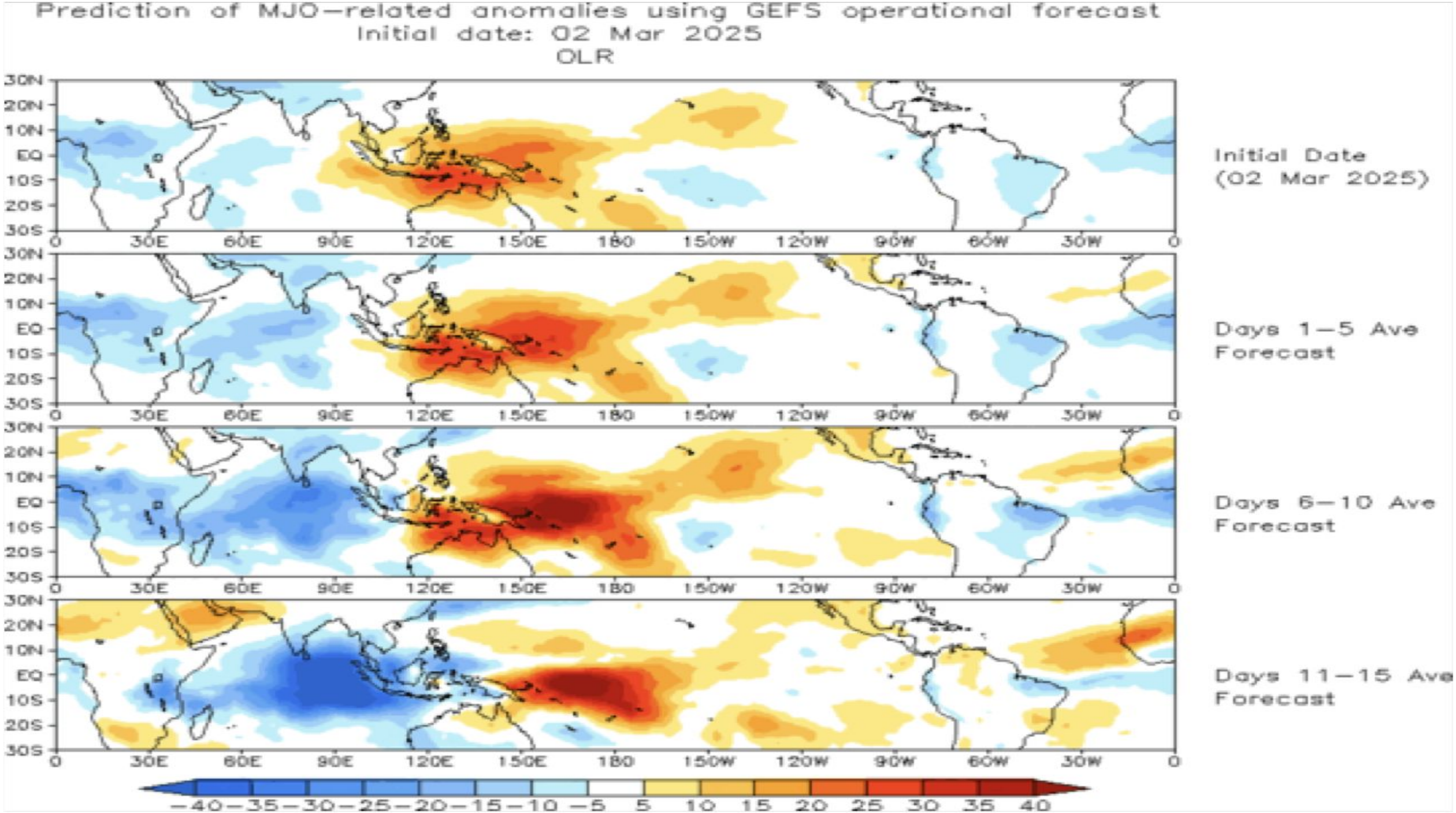


Figure provided by the International Research Institute (IRI) for Climate and Society (updated 19 February 2025).


IOD index
©Commonwealth of Australia 2025, Bureau of Meteorology
Climatology period: 1991–2020
Latest weekly value to 02 Mar 2025: +0.05 °C
IOD index (°C)
+2.4
+2.0
+1.6
+1.2
+0.8
+0.4
0.0
−0.4
−0.8
−1.2
−1.6
−2.0
Oct-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
Oct-2024

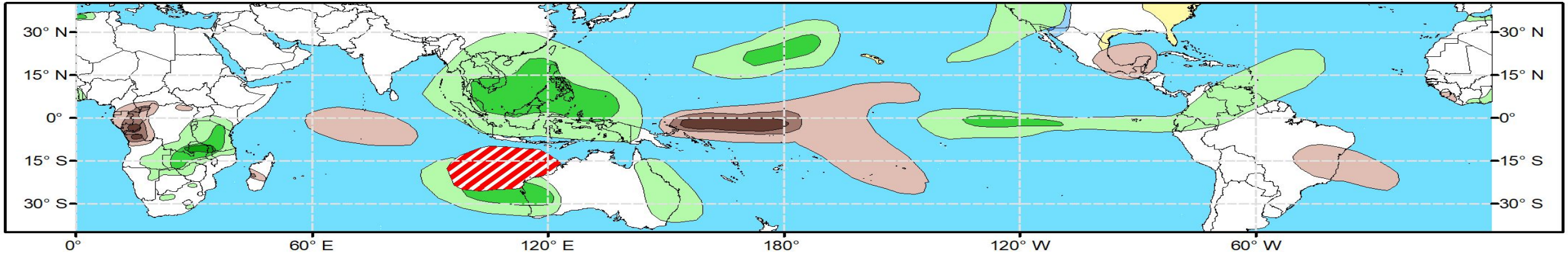

NMME IOD fcst, IC=202502
3
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
Ensemble mean
CFSv2
CanESM5
GEM5.2_NEMO
GFDL_SPEAR
NCAR_CCSM4
NASA_GEOS5v2
NCAR_CESM1
NCEI OIv2.1 daily analysis
SEP 2024
OCT
NOV
DEC
JAN 2025
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT


Prediction of MJO-related anomalies using GEFS operational forecast
Initial date: 02 Mar 2025
OLR
Initial Date
(02 Mar 2025)
Days 1-5 Ave
Forecast
Days 6-10 Ave
Forecast
Days 11-15 Ave
Forecast
30N
20N
10N
EQ
10S
20S
30S
0
30E
60E
90E
120E
150E
180
150W
120W
90W
60W
30W
-40 -35 -30 -25 -20 -15 -10 -5 5 10 15 20 25 30 35 40

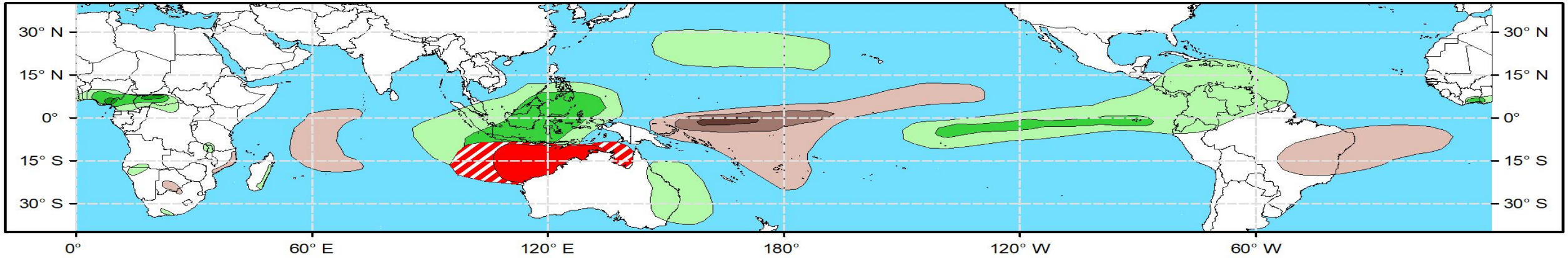
Global Tropics Hazards Outlook

Climate Prediction Center

Week 2 - Valid: Mar 12, 2025 - Mar 18, 2025



Week 3 - Valid: Mar 19, 2025 - Mar 25, 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: 03/04/2025

Forecaster: Barandiaran

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.