Day 1 (08:30 IST 07/5/2025 - 08:30 IST 08/5/2025)

Day 2 (08:30 IST 06/5/2025 - 08:30 IST 08/5/2025)

Day 3 (08:30 IST 05/5/2025 - 08:30 IST 08/5/2025)

Day 4 (08:30 IST 04/5/2025 - 08:30 IST 08/5/2025)

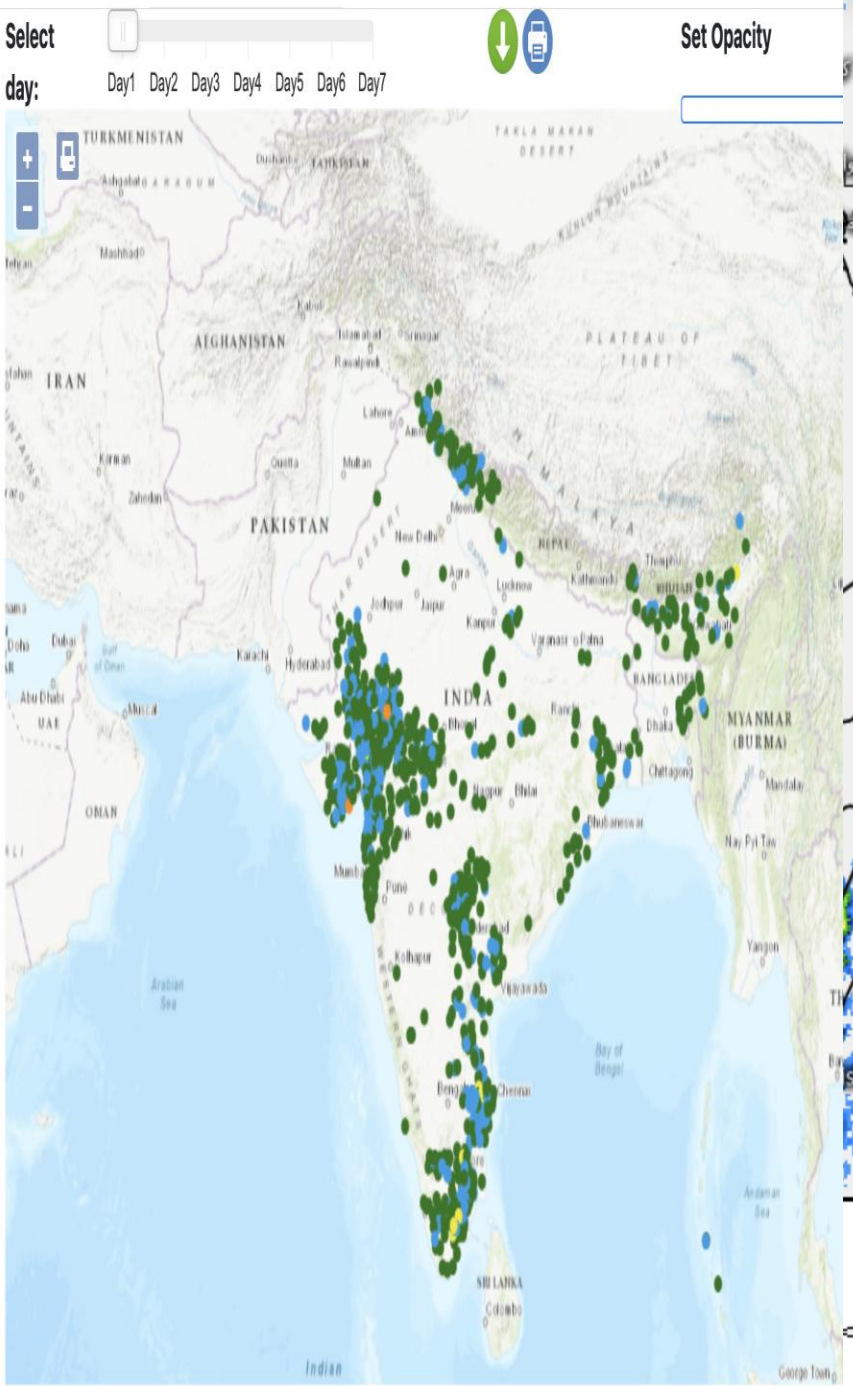
Day 5 (08:30 IST 03/5/2025 - 08:30 IST 08/5/2025)

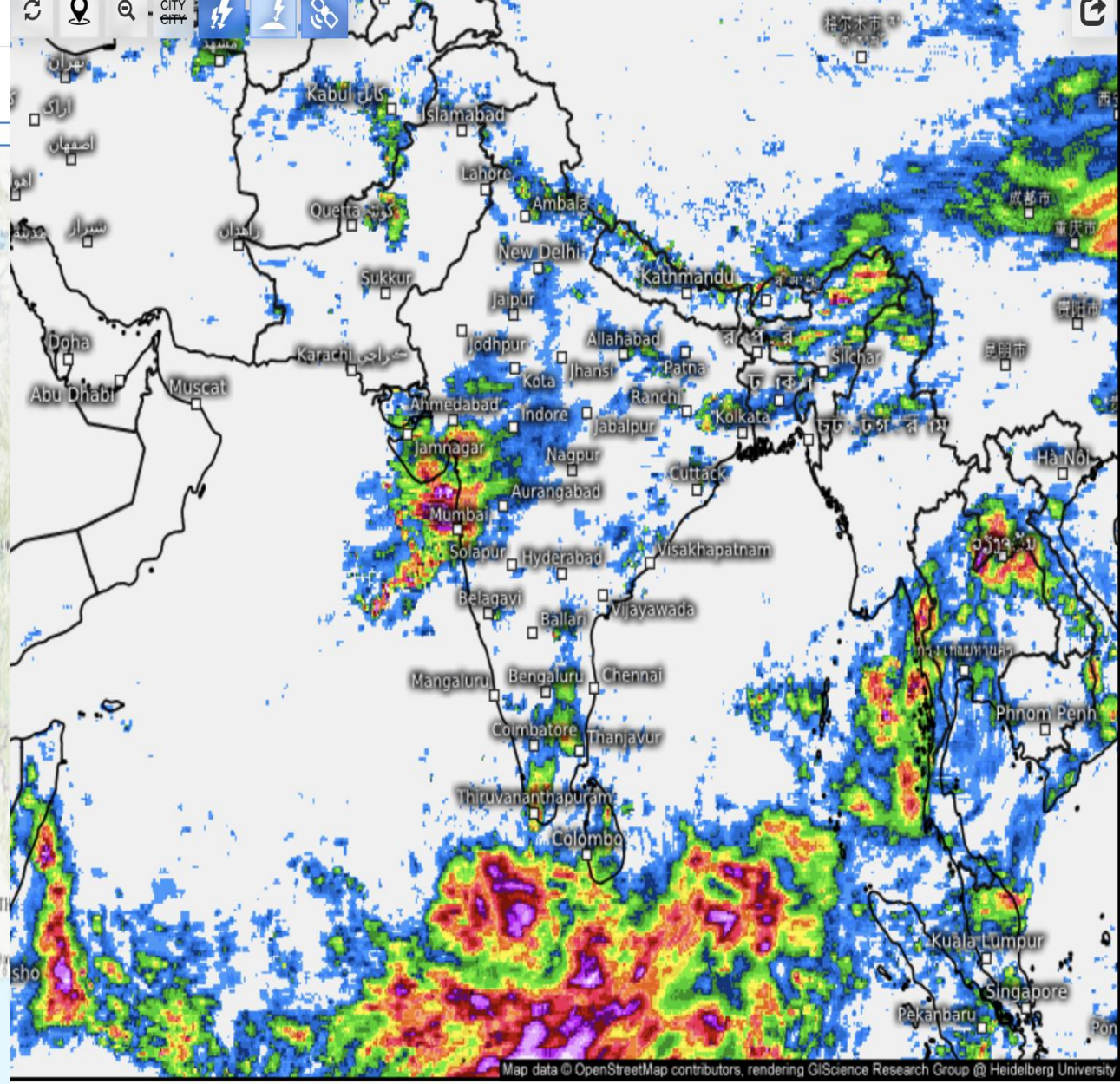
Day 6 (08:30 IST 02/5/2025 - 08:30 IST 08/5/2025)

Day 7 (08:30 IST 01/5/2025 - 08:30 IST 08/5/2025)

Legend: (Rainfall in mm)

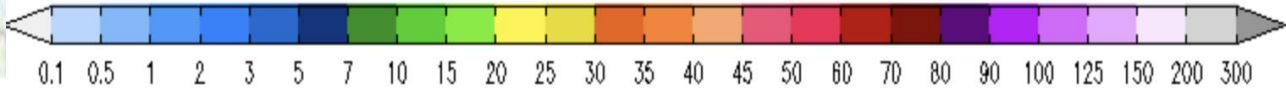
- Very light to light rainfall (0.1 - 15.5 mm)
- Moderate Rainfall (15.6 - 64.4 mm)
- Heavy Rainfall(64.5 - 115.5 mm)
- Very Heavy Rainfall (115.6 - 204.4 mm)
- Extremely Heavy Rainfall(>=204.4 mm)





Accumulated Precipitation, 24h (Satellite) (mm)

Thu 05/08/2025, 05:30am IST



Day 3 (08:30 IST 05/5/2025 - 08:30 IST 08/5/2025)

Day 4 (08:30 IST 04/5/2025 - 08:30 IST 08/5/2025)

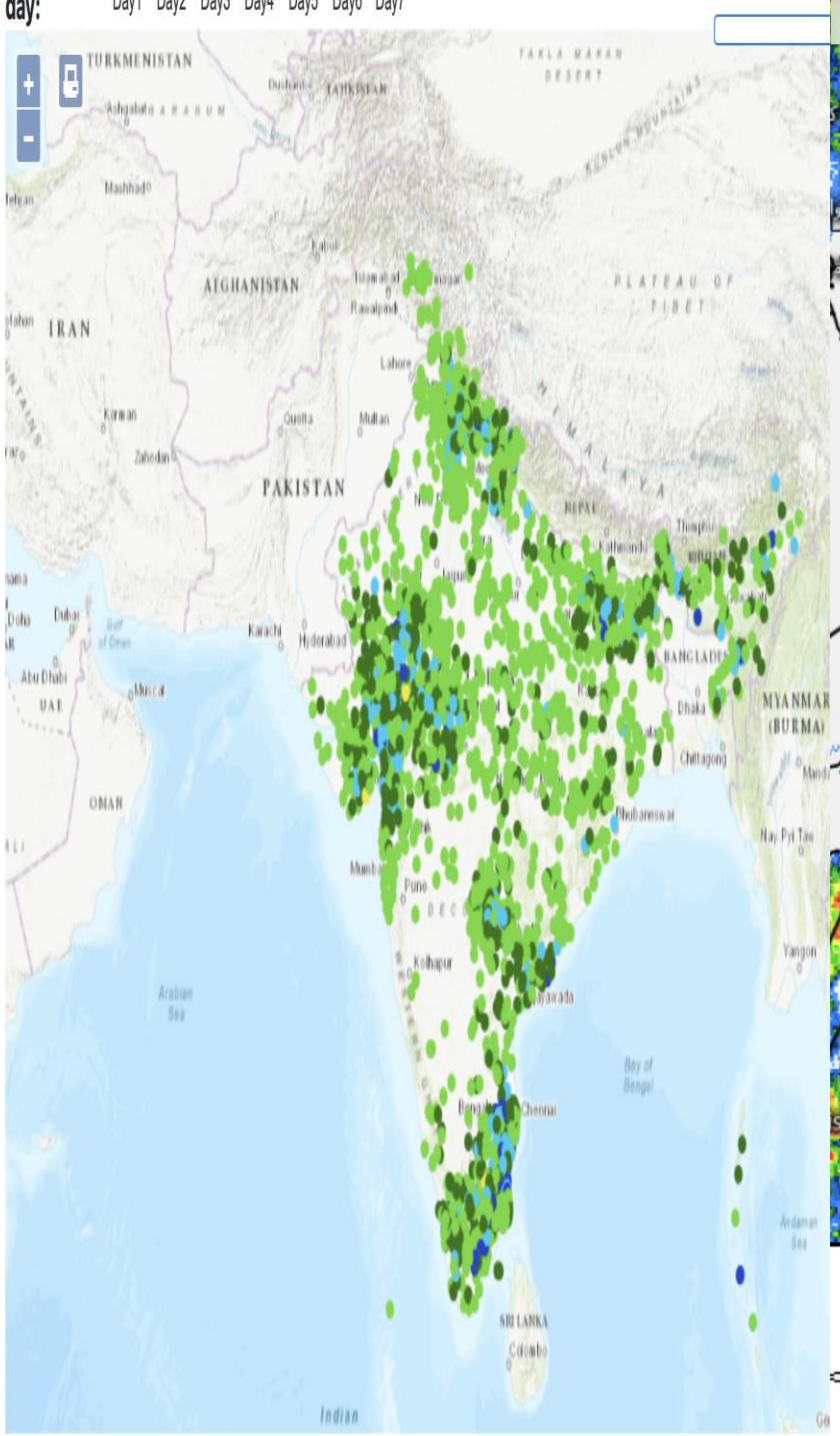
Day 5 (08:30 IST 03/5/2025 - 08:30 IST 08/5/2025)

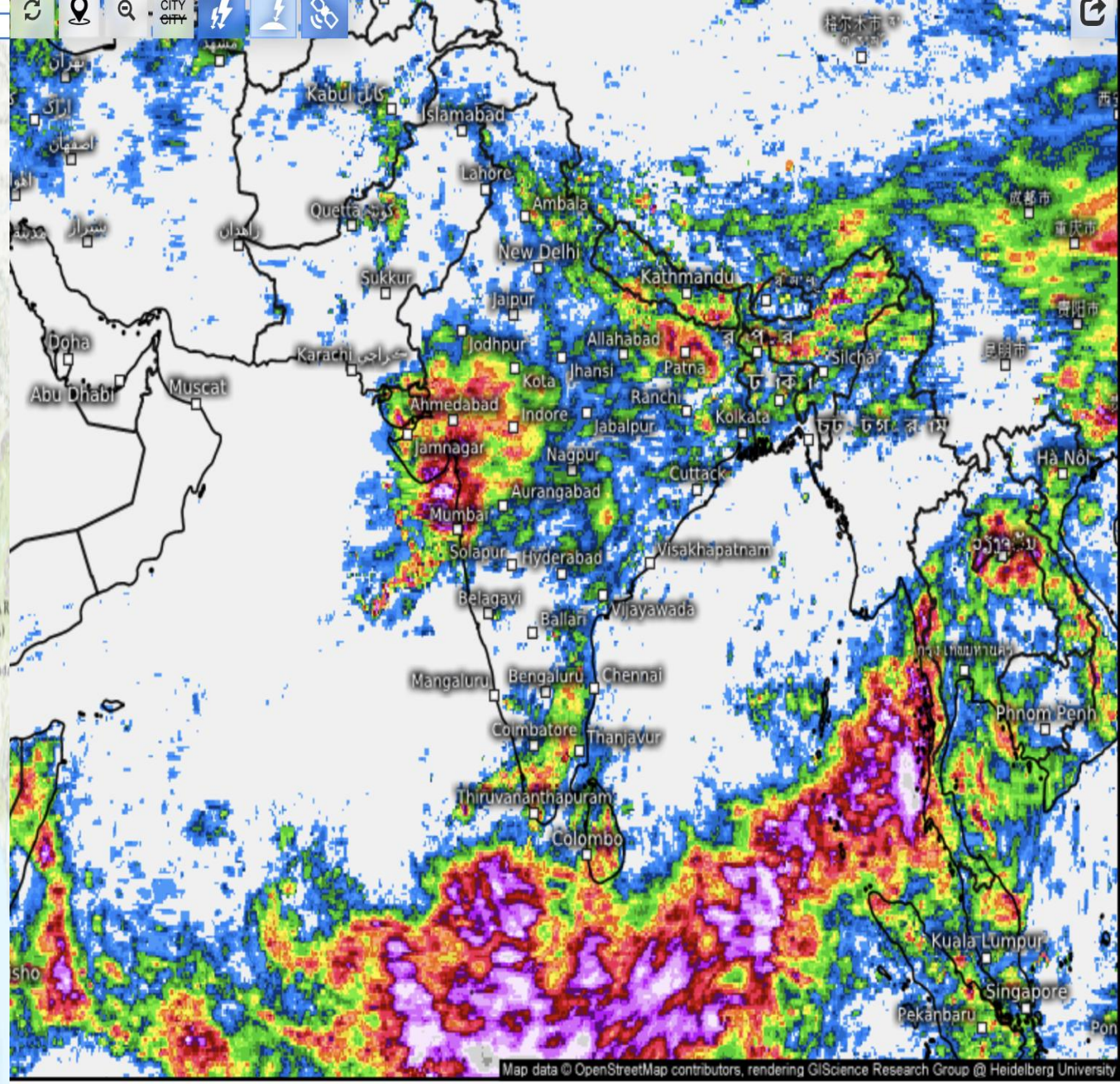
Day 6 (08:30 IST 02/5/2025 - 08:30 IST 08/5/2025)

Day 7 (08:30 IST 01/5/2025 - 08:30 IST 08/5/2025)

Legend: (Rainfall in mm)

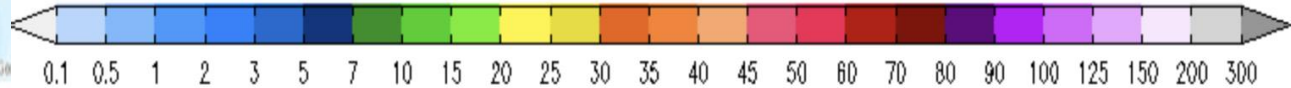
- 0.1 - 15
- 15 - 35
- 35 - 65
- 65 - 115
- 115 - 200
- 200 - 300
- 300 - 400
- 400 - 500
- > 500





Accumulated Precipitation, 72h (Satellite) (mm)

Thu 05/08/2025, 05:30am IST



Day 3 (08:30 IST 05/5/2025 - 08:30 IST 08/5/2025)

Day 4 (08:30 IST 04/5/2025 - 08:30 IST 08/5/2025)

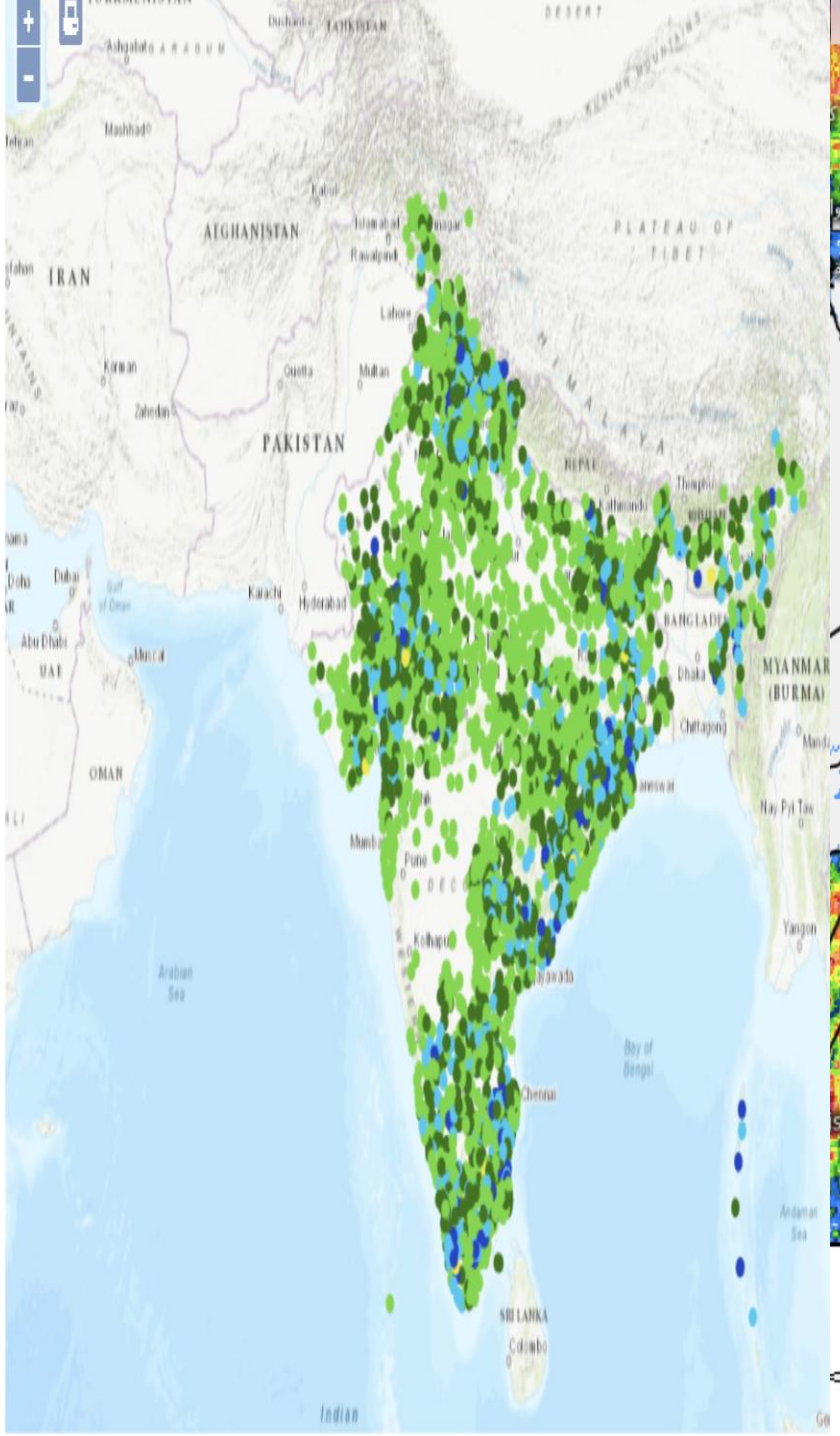
Day 5 (08:30 IST 03/5/2025 - 08:30 IST 08/5/2025)

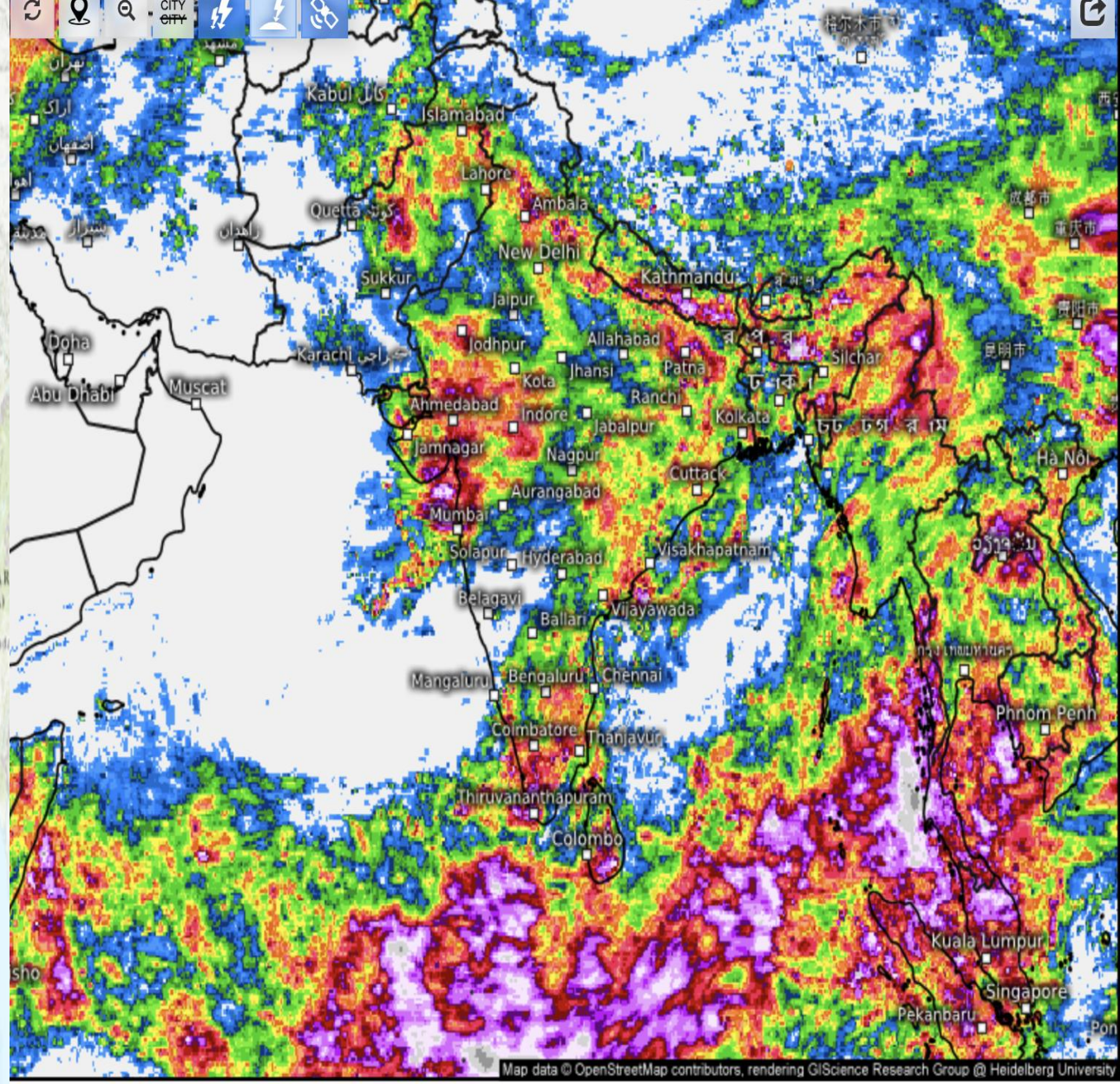
Day 6 (08:30 IST 02/5/2025 - 08:30 IST 08/5/2025)

Day 7 (08:30 IST 01/5/2025 - 08:30 IST 08/5/2025)

Legend: (Rainfall in mm)

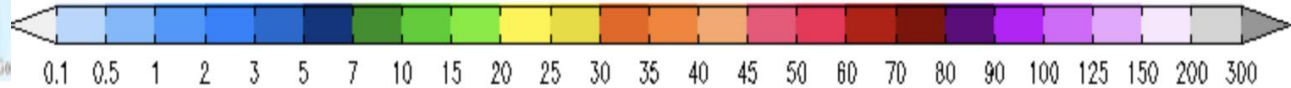
- 0.1 - 15
- 15 - 35
- 35 - 65
- 65 - 115
- 115 - 200
- 200 - 300
- 300 - 400
- 400 - 500
- > 500

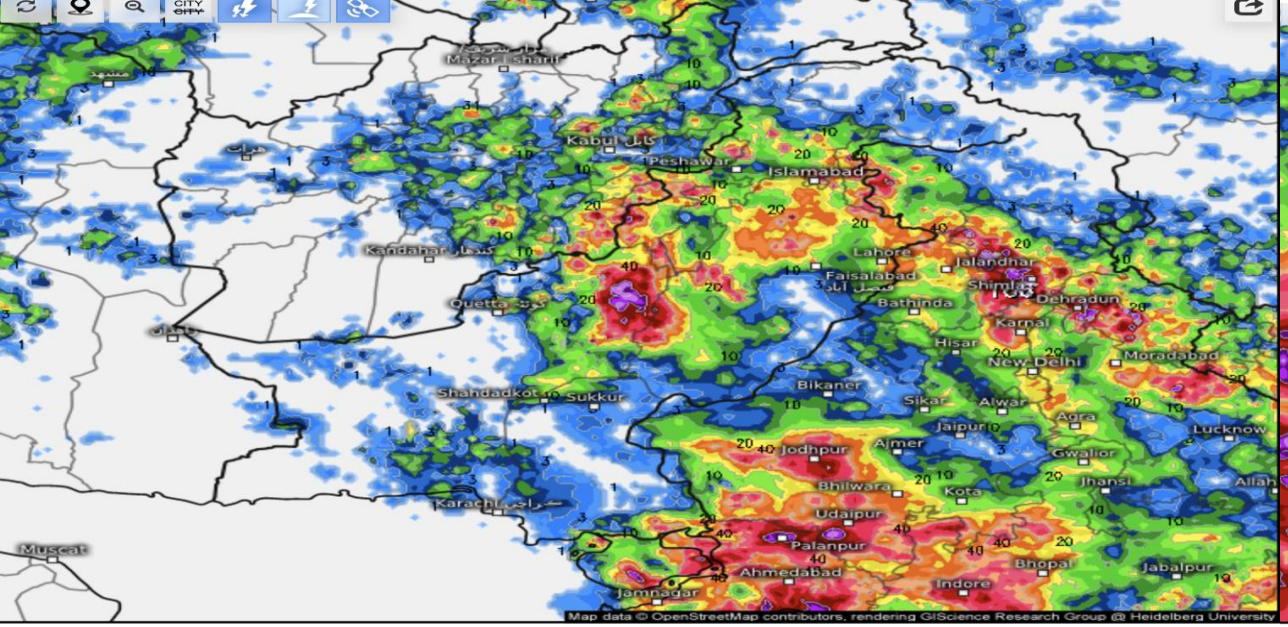




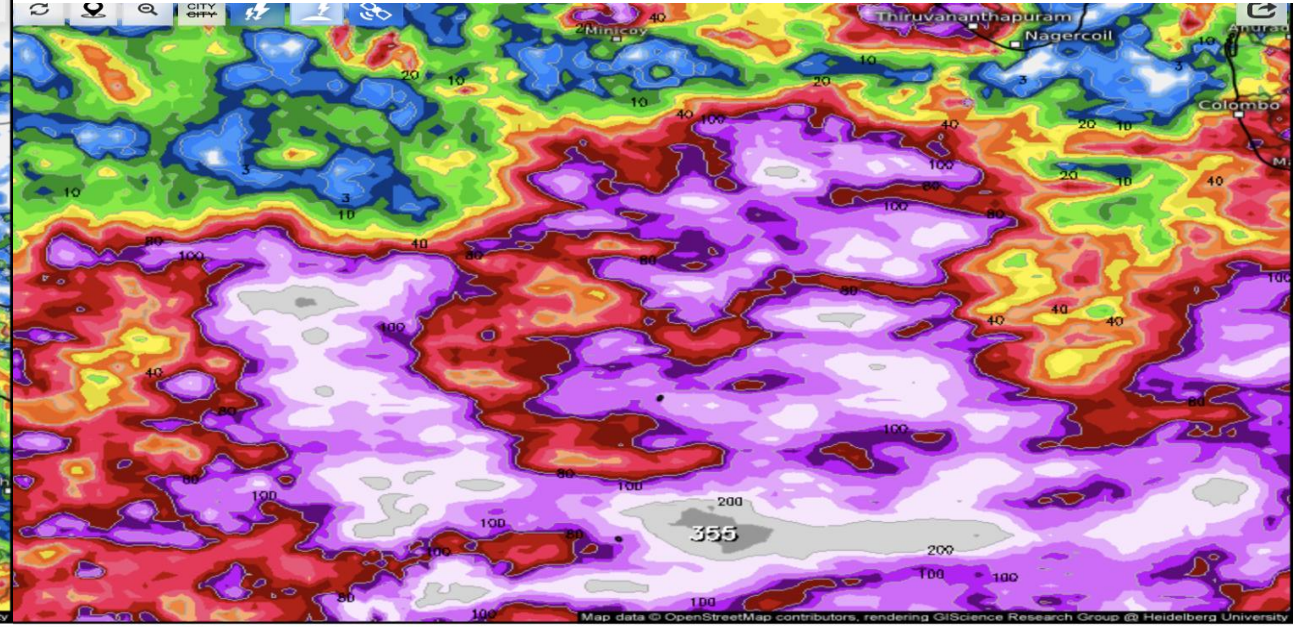
Accumulated Precipitation, 7 days (Satellite) (mm)

Thu 05/08/2025, 05:30am IST

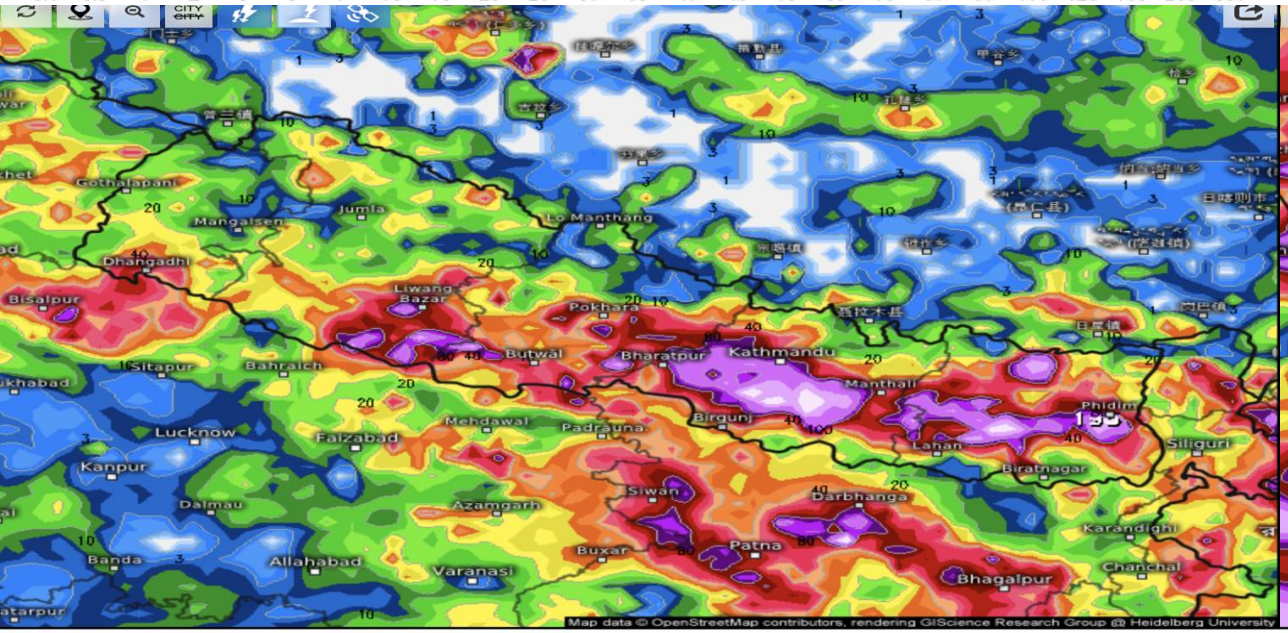




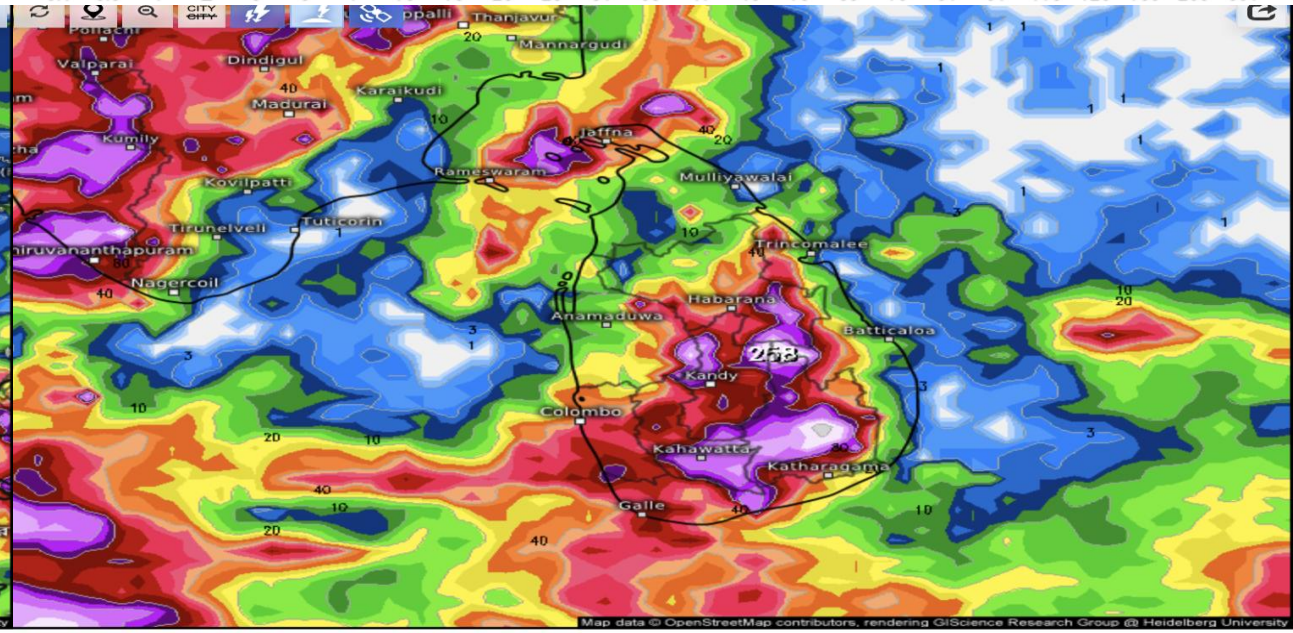
Accumulated Precipitation, 7 days (Satellite) (mm) Thu 05/08/2025, 05:30am IST



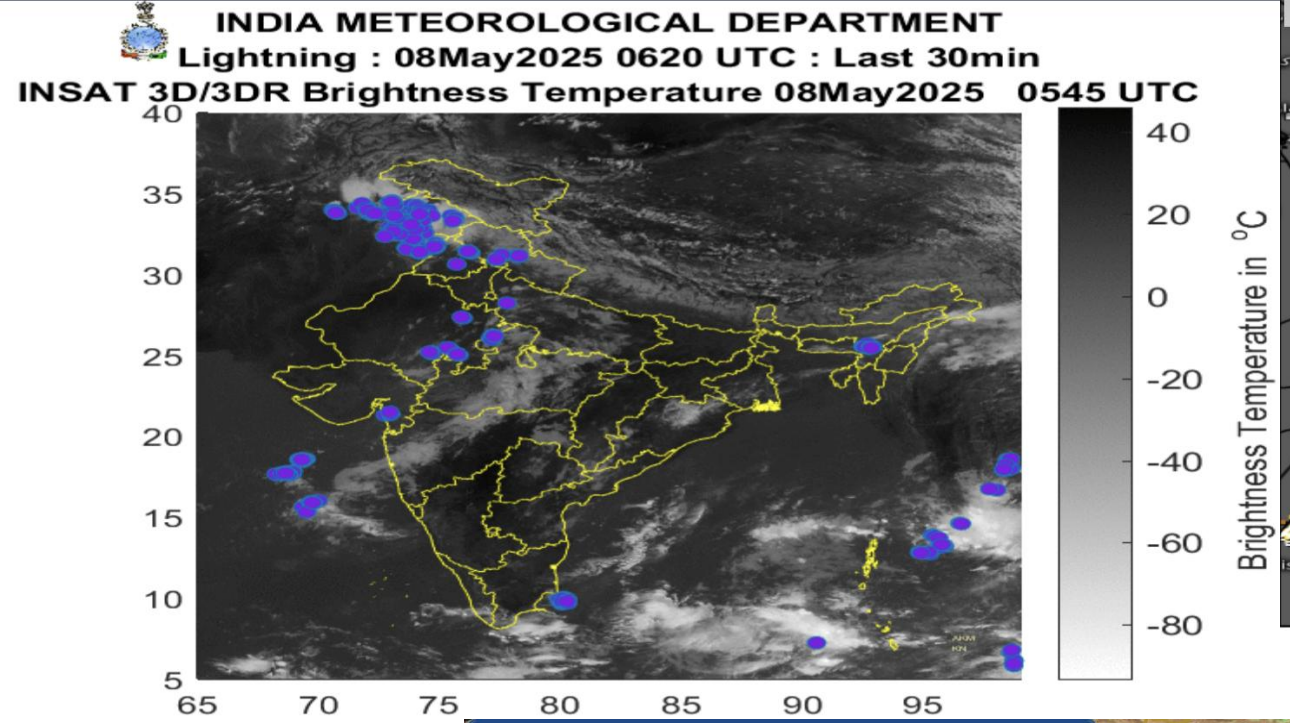
Accumulated Precipitation, 7 days (Satellite) (mm) Thu 05/08/2025, 05:30am IST

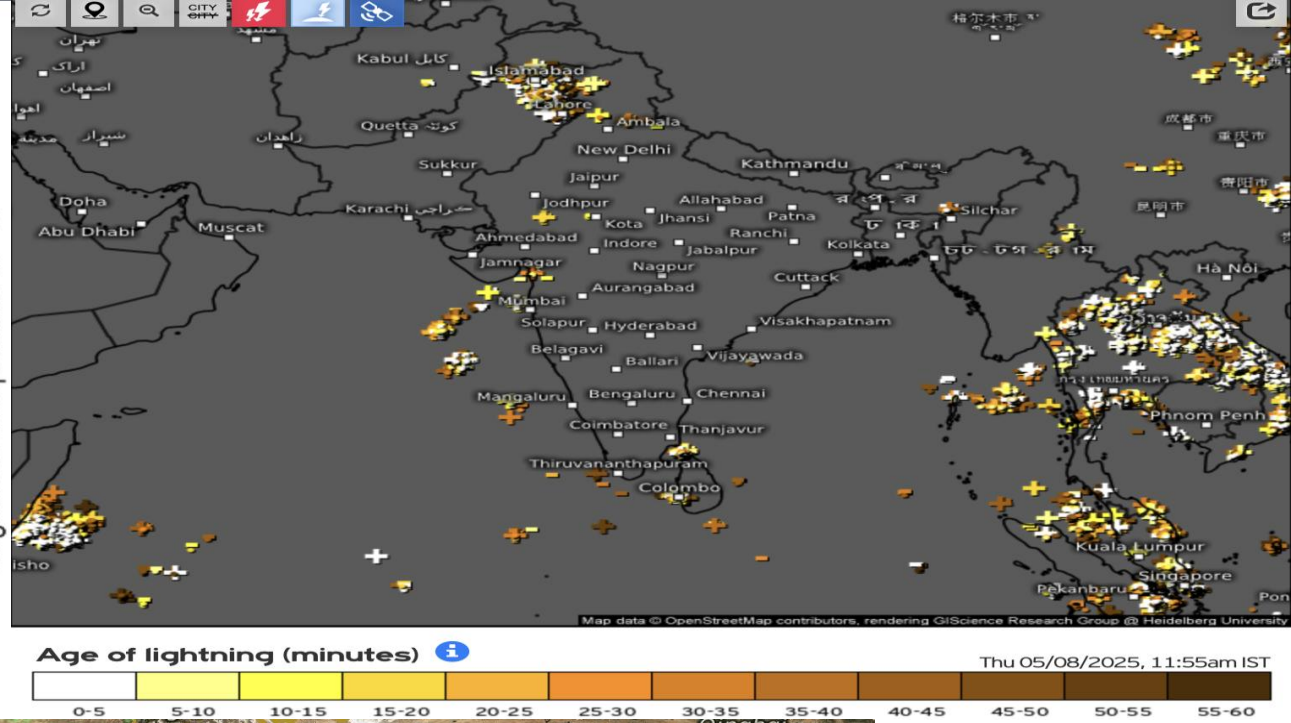


Accumulated Precipitation, 7 days (Satellite) (mm) Thu 05/08/2025, 05:30am IST

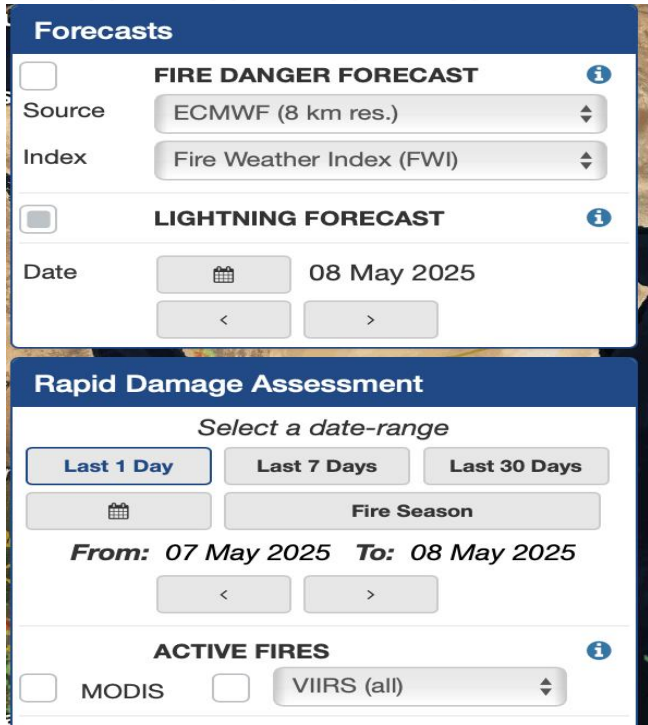


Accumulated Precipitation, 7 days (Satellite) (mm) Thu 05/08/2025, 05:30am IST


INDIA METEOROLOGICAL DEPARTMENT
Lightning : 08May2025 0620 UTC : Last 30min
INSAT 3D/3DR Brightness Temperature 08May2025 0545 UTC
Brightness Temperature in °C
40
20
0
-20
-40
-60
-80
40
35
30
25
20
15
10
5
65
70
75
80
85
90
95


Kabul
Islamabad
Lahore
Ambala
Quetta
New Delhi
Kathmandu
Sukkur
Jaipur
Doha
Abu Dhabi
Muscat
Karachi
Jodhpur
Allahabad
Kota
Jhansi
Patna
Silchar
Ahmedabad
Indore
Ranchi
Jabalpur
Kolkata
Jamnagar
Nagpur
Cuttack
Aurangabad
Mumbai
Solapur
Hyderabad
Visakhapatnam
Belagavi
Ballari
Vijayawada
Mangaluru
Bengaluru
Chennai
Coimbatore
Thanjavur
Thiruvananthapuram
Colombo
Hà Nội
Phnom Penh
Kuala Lumpur
Singapore
Pekanbaru
Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University

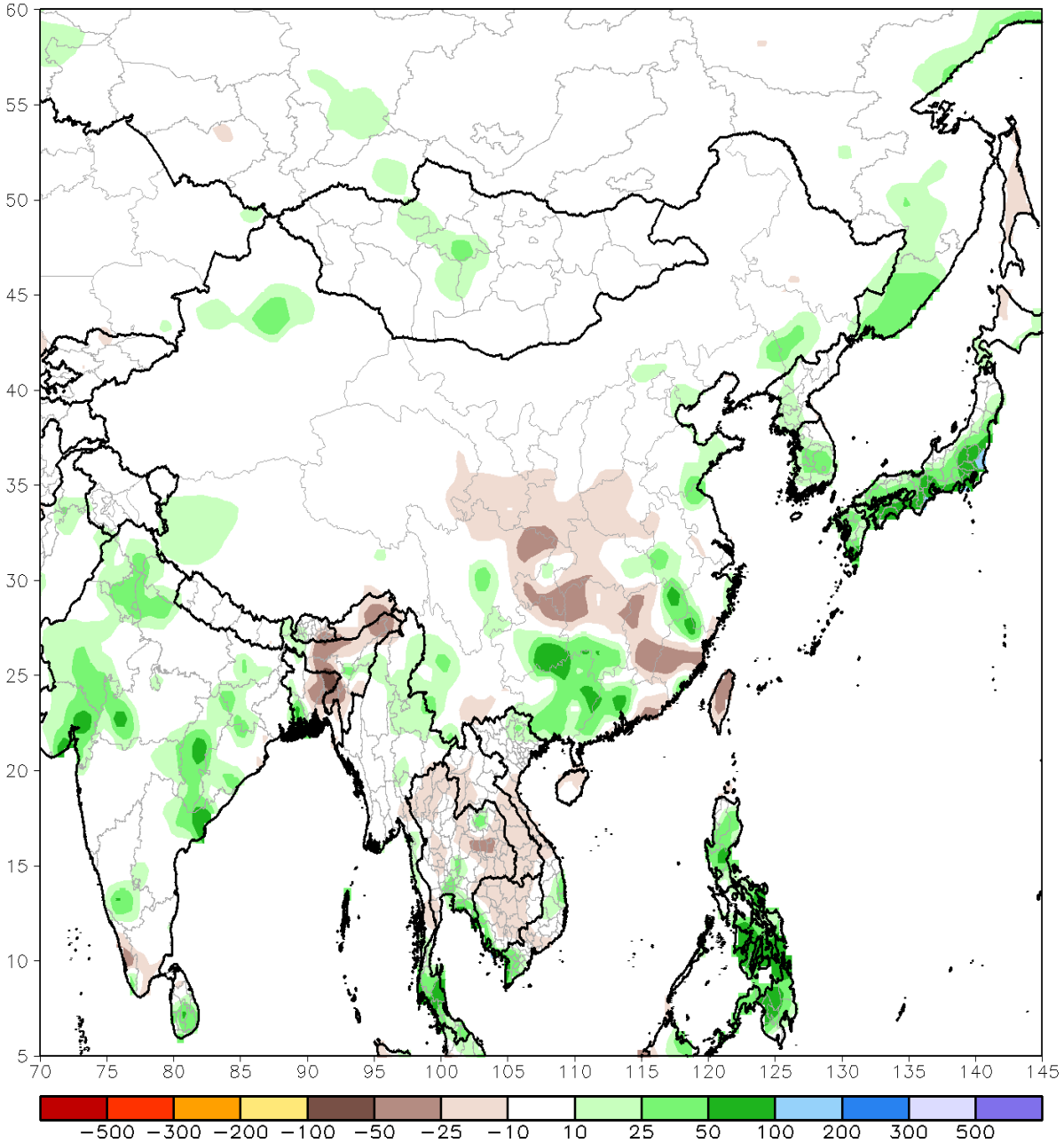
Age of lightning (minutes)
Thu 05/08/2025, 11:55am IST
0-5
5-10
10-15
15-20
20-25
25-30
30-35
35-40
40-45
45-50
50-55
55-60


Forecasts
FIRE DANGER FORECAST
Source
ECMWF (8 km res.)
Index
Fire Weather Index (FWI)
LIGHTNING FORECAST
Date
08 May 2025
Rapid Damage Assessment
Select a date-range
Last 1 Day
Last 7 Days
Last 30 Days
Fire Season
From: 07 May 2025 To: 08 May 2025
ACTIVE FIRES
MODIS
VIIRS (all)


Afghanistan
Islamabad
Qinghai
Tibet
Pakistan
Lhasa
New Delhi
Nepal
Bhutan
Jaipur
Kanpur
Sindh
Patna
Bangladesh
Ahmedabad
India
Surat
Bhubaneshwar
Mumbai
Myanmar
Hyderabad
Yangon
Bengaluru
Kozhikode
Sri Lanka
Malé
Kuala

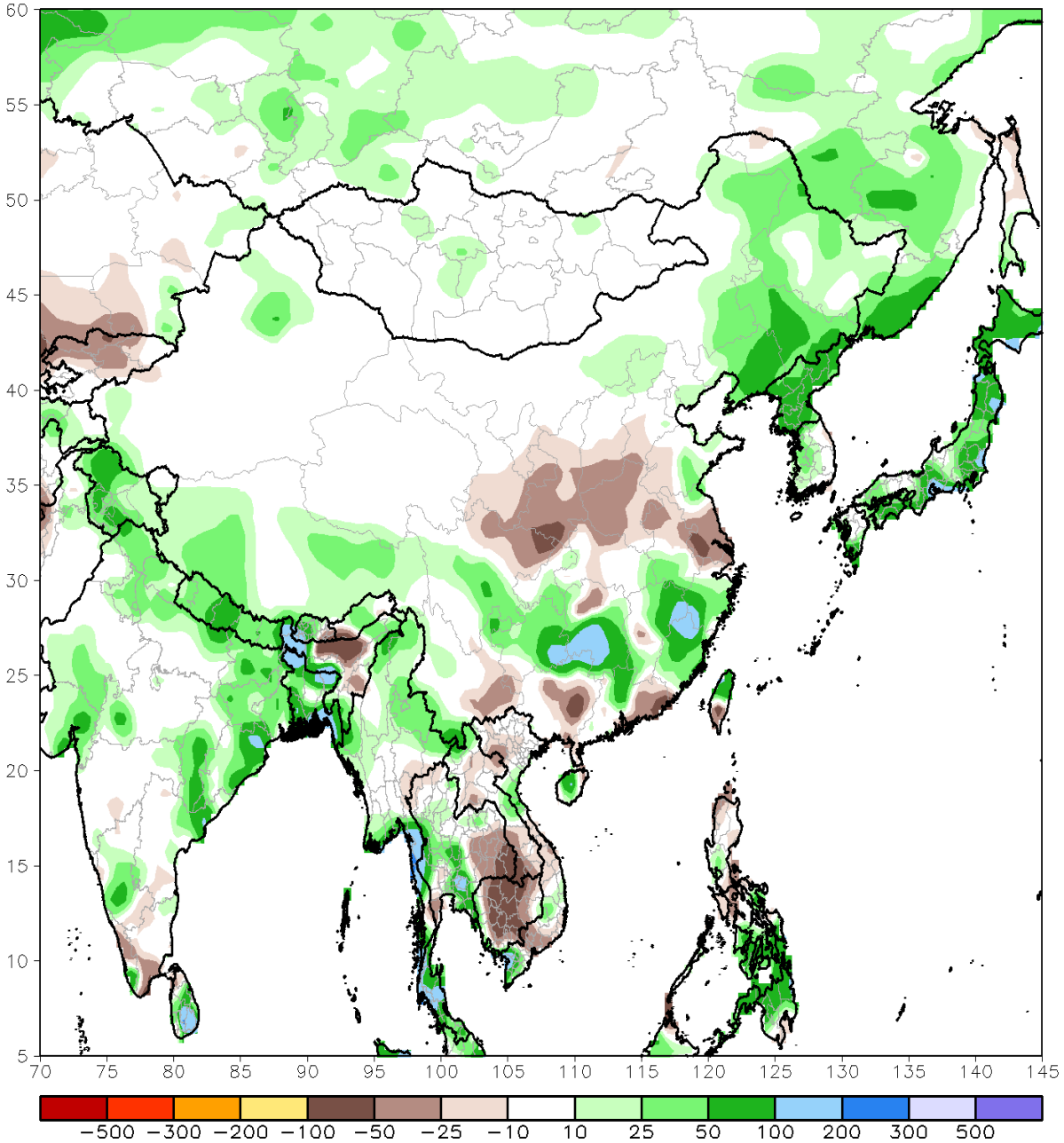
CPC Unified Gauge 7-Day Total Rainfall Anomaly (mm)

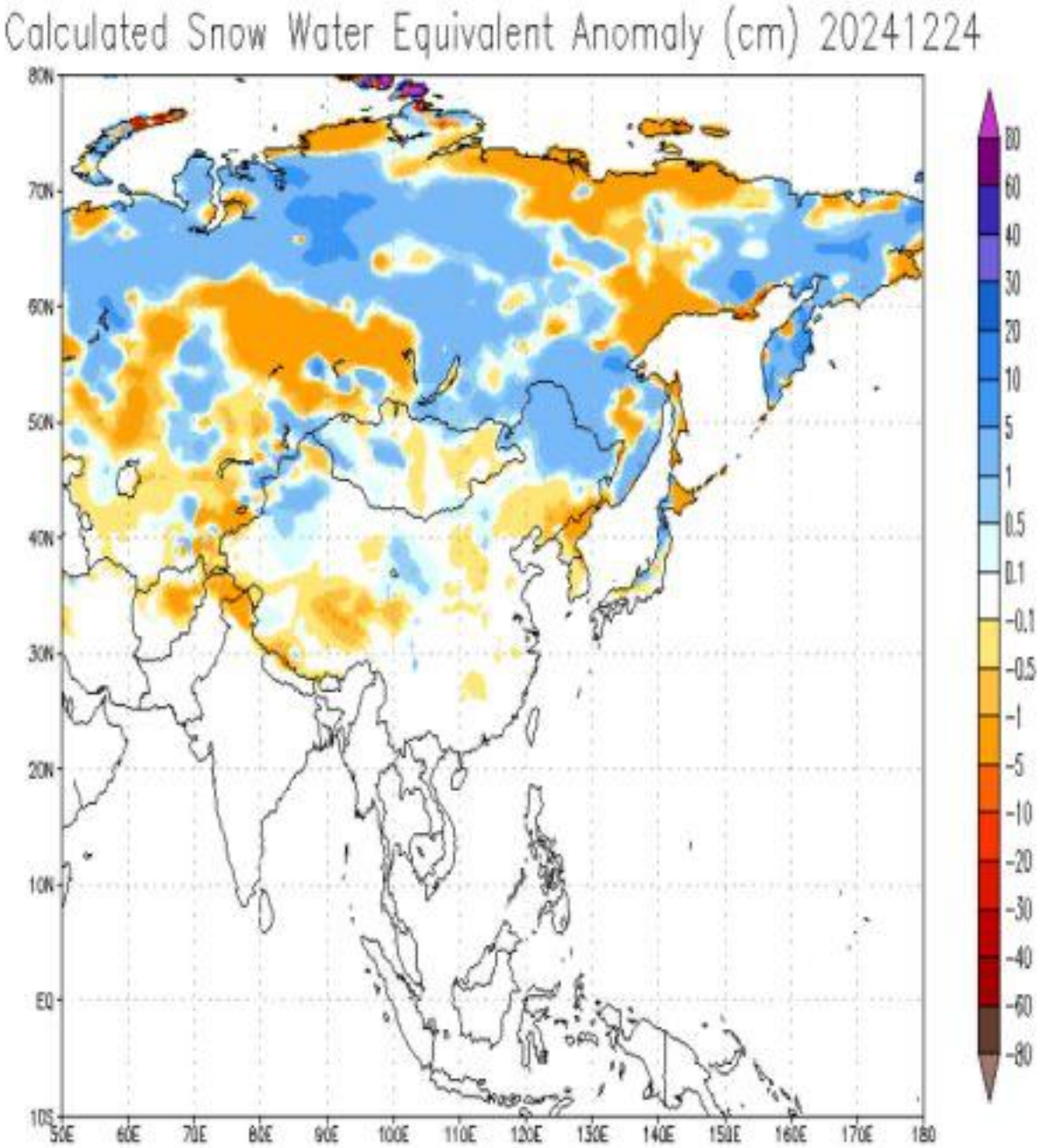
Period: 30Apr2025 - 06May2025

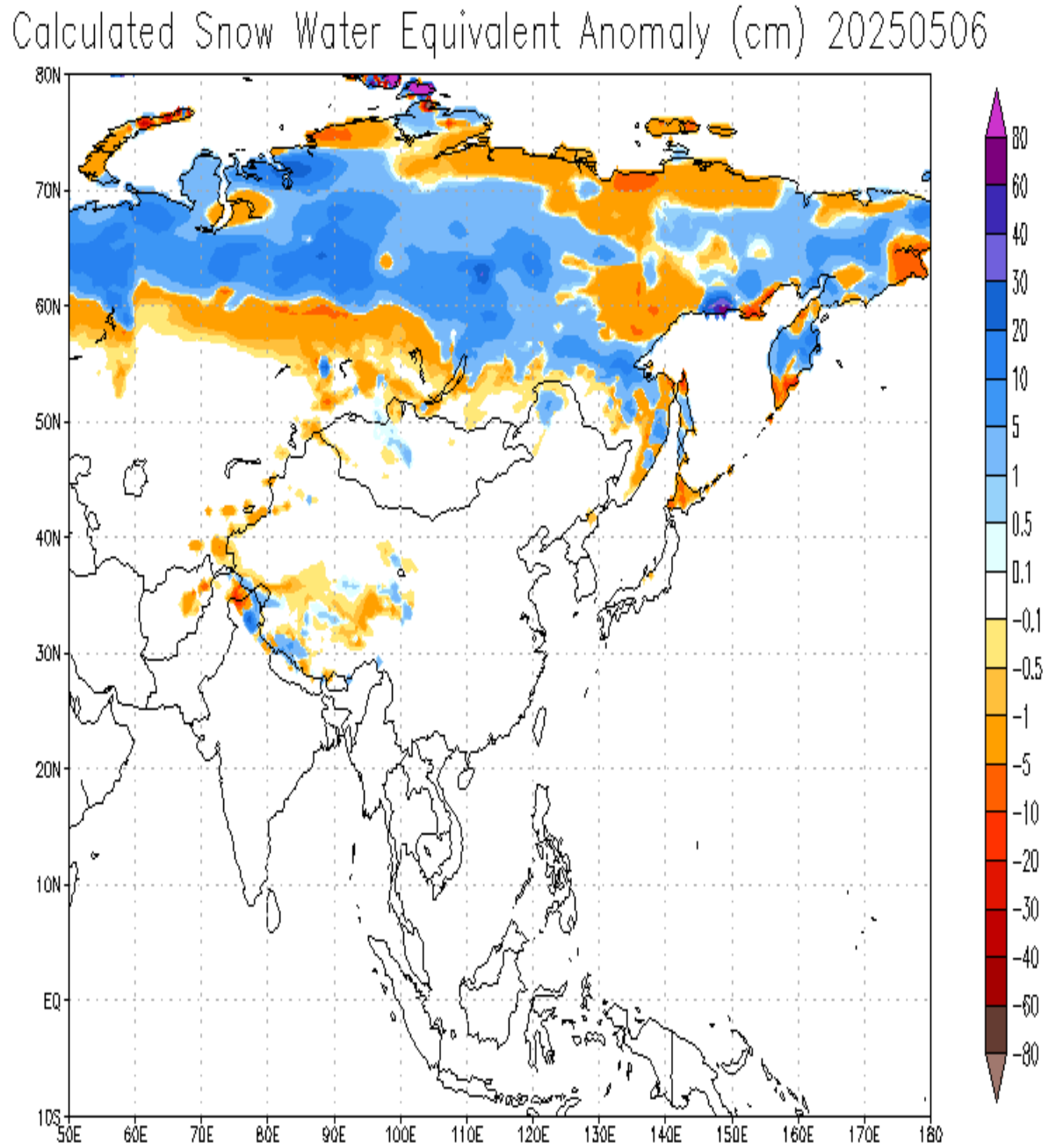


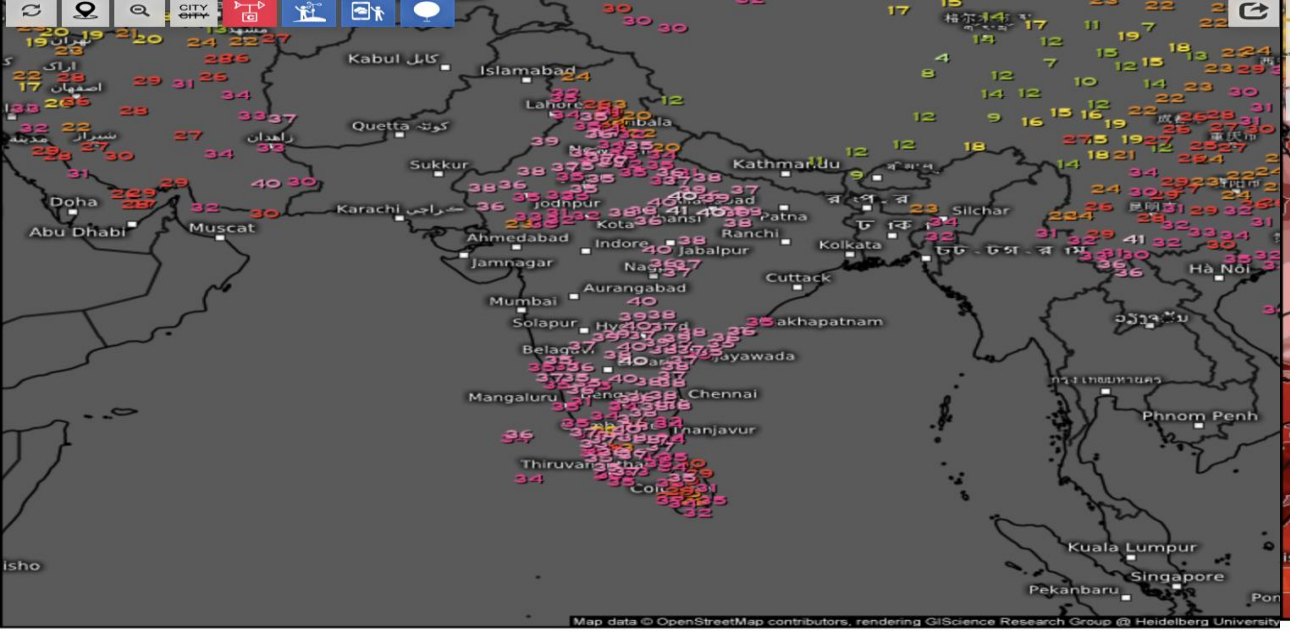
CPC Unified Gauge 30-Day Total Rainfall Anomaly (mm)

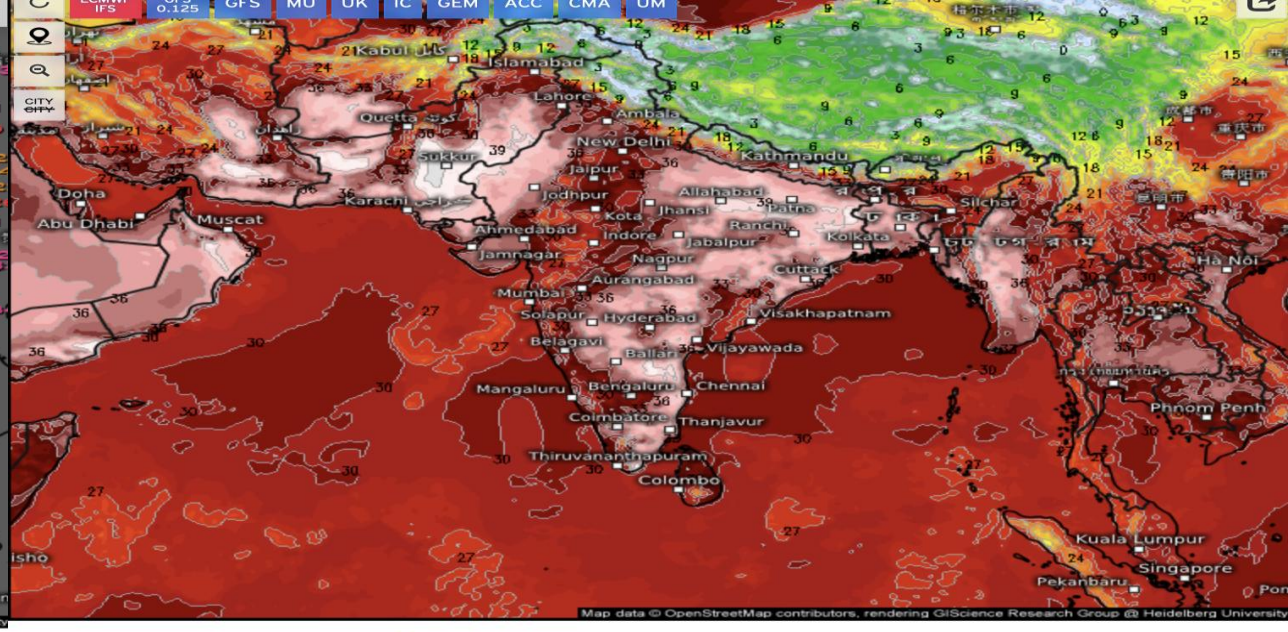
Period: 07Apr2025 - 06May2025




Calculated Snow Water Equivalent Anomaly (cm) 20241224
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
50E
60E
70E
80E
90E
100E
110E
120E
130E
140E
150E
160E
170E
180
80
60
40
30
20
10
5
1
0.5
0.1
-0.1
-0.5
-1
-5
-10
-20
-30
-40
-60
-80


Calculated Snow Water Equivalent Anomaly (cm) 20250506
80N
70N
60N
50N
40N
30N
20N
10N
EQ
10S
50E
60E
70E
80E
90E
100E
110E
120E
130E
140E
150E
160E
170E
180
80
60
40
30
20
10
5
1
0.5
0.1
-0.1
-0.5
-1
-5
-10
-20
-30
-40
-60
-80





Max. temperature, 12h (°C)

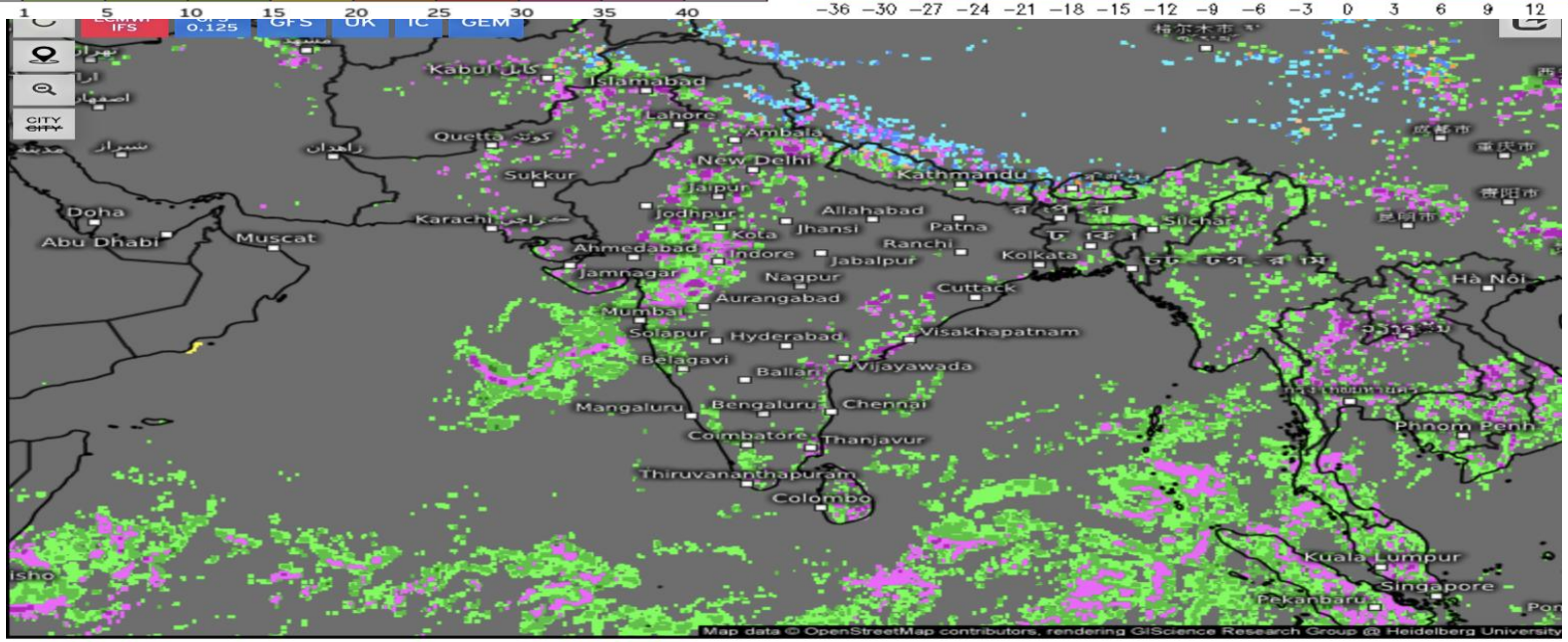
Thu 05/08/2025, 08:30am IST

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

Temperature (°C)

Valid for
Thu 05/08/2025, 02:30pm IST

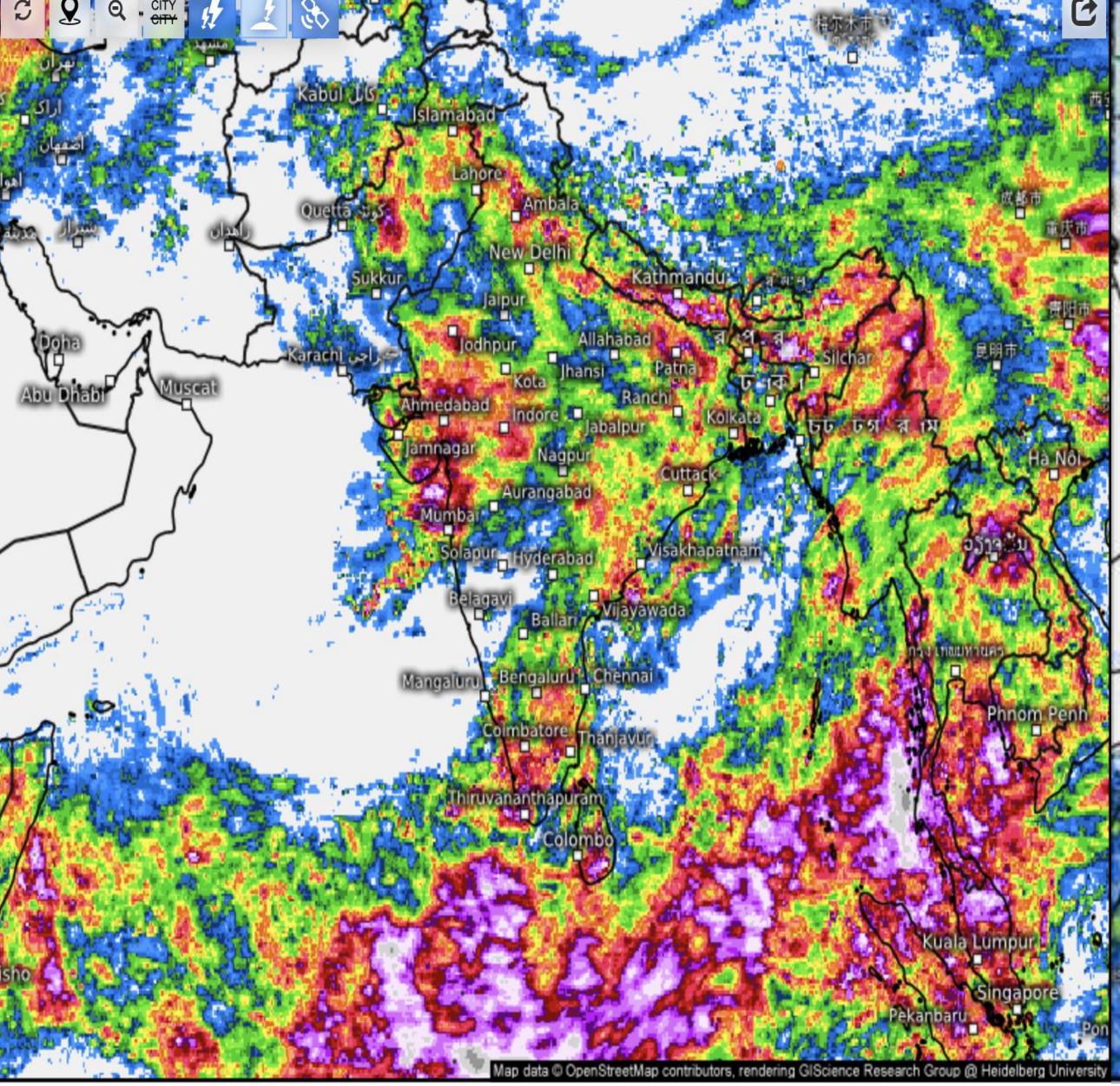
−36 −30 −27 −24 −21 −18 −15 −12 −9 −6 −3 0 3 6 9 12 15 18 21 24 27 30 33 36 39 44 50

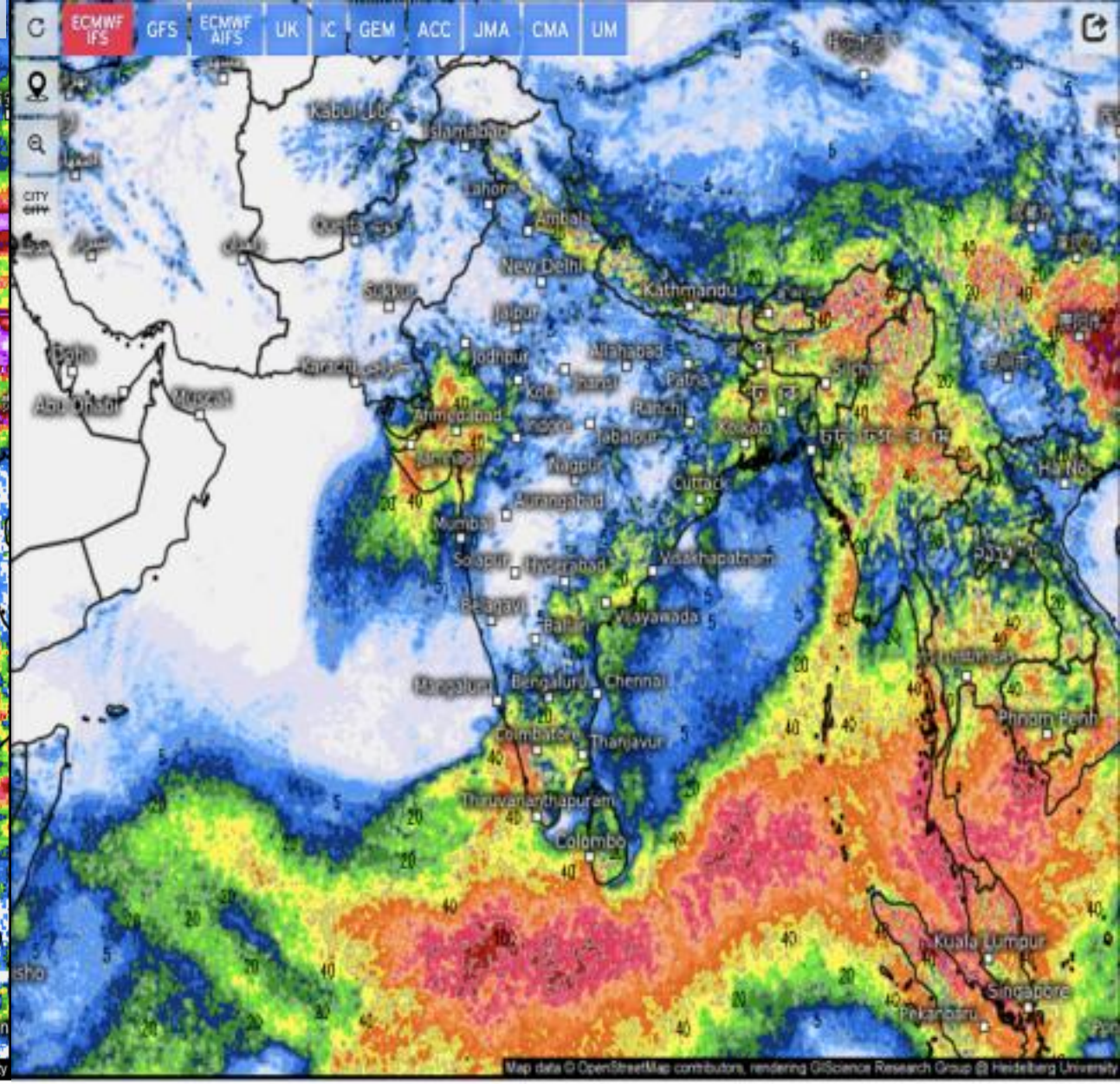


Significant Weather

Valid for
Thu 05/08/2025, 02:30pm 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 Precipitation, 7 days (Satellite) (mm)

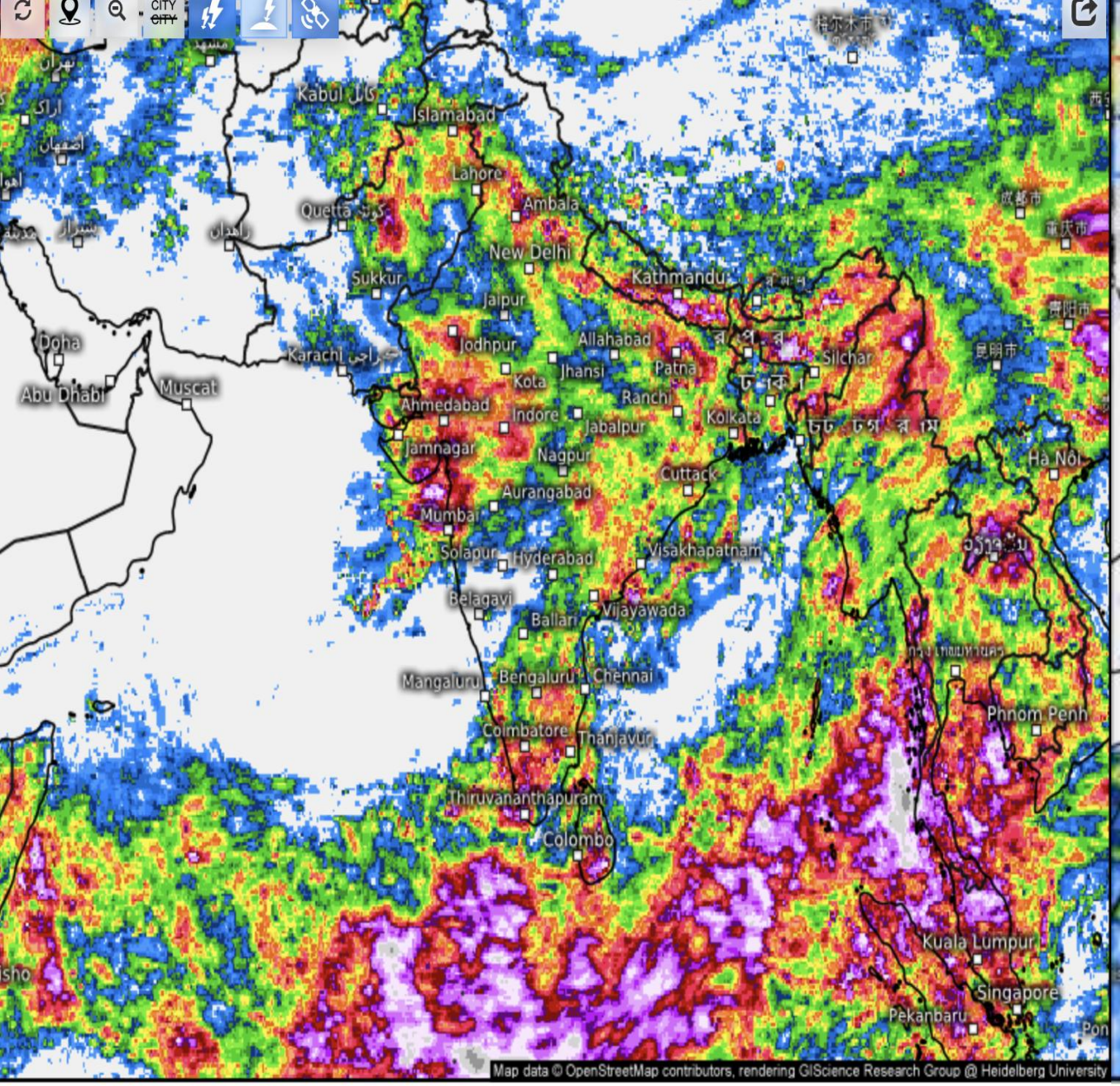
Thu 05/08/2025, 05:30am IST

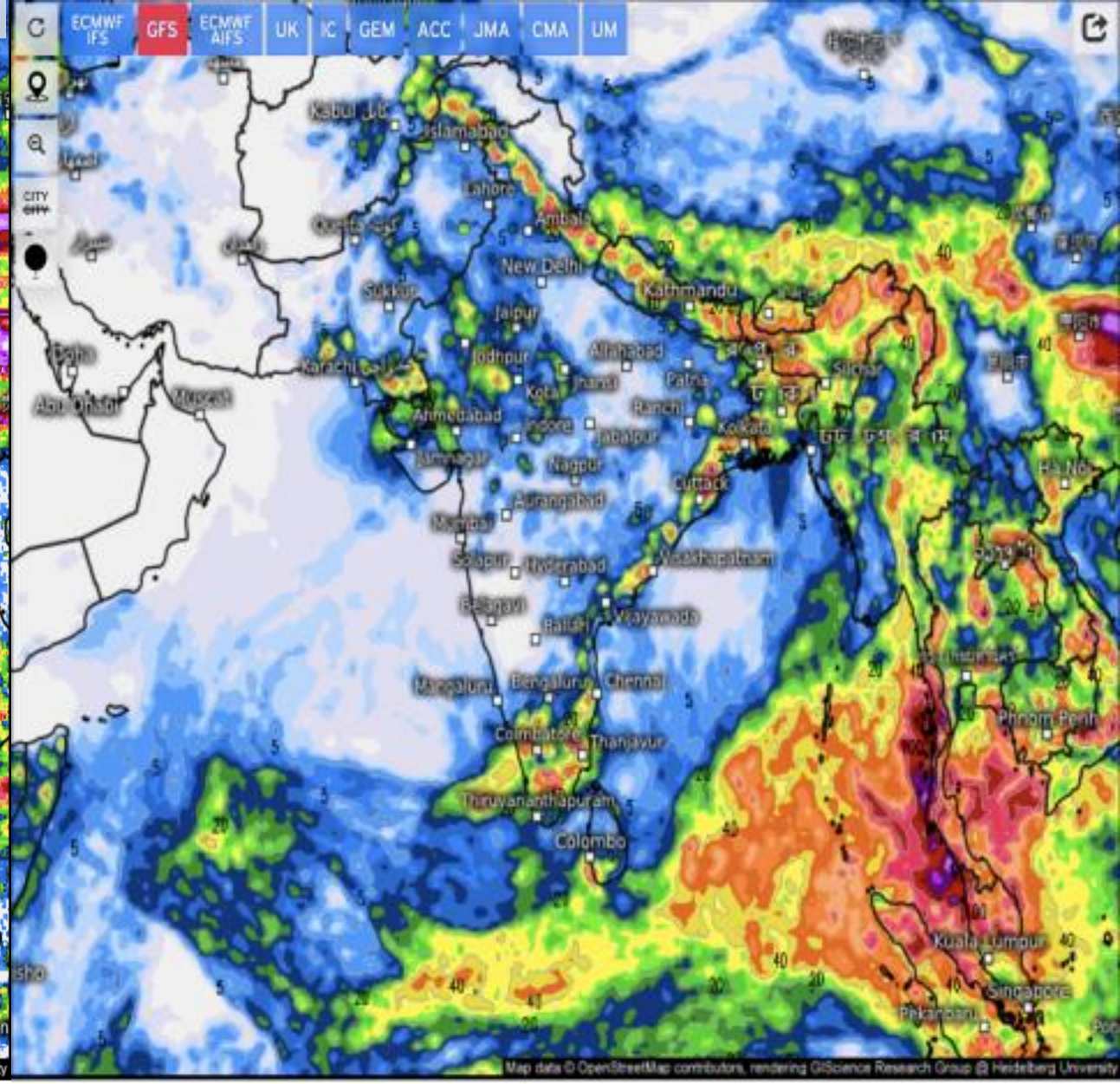
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

Accumulated total precipitation (mm)

From Thu 05/01/2025, 05:30am IST
to Thu 05/08/2025, 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)

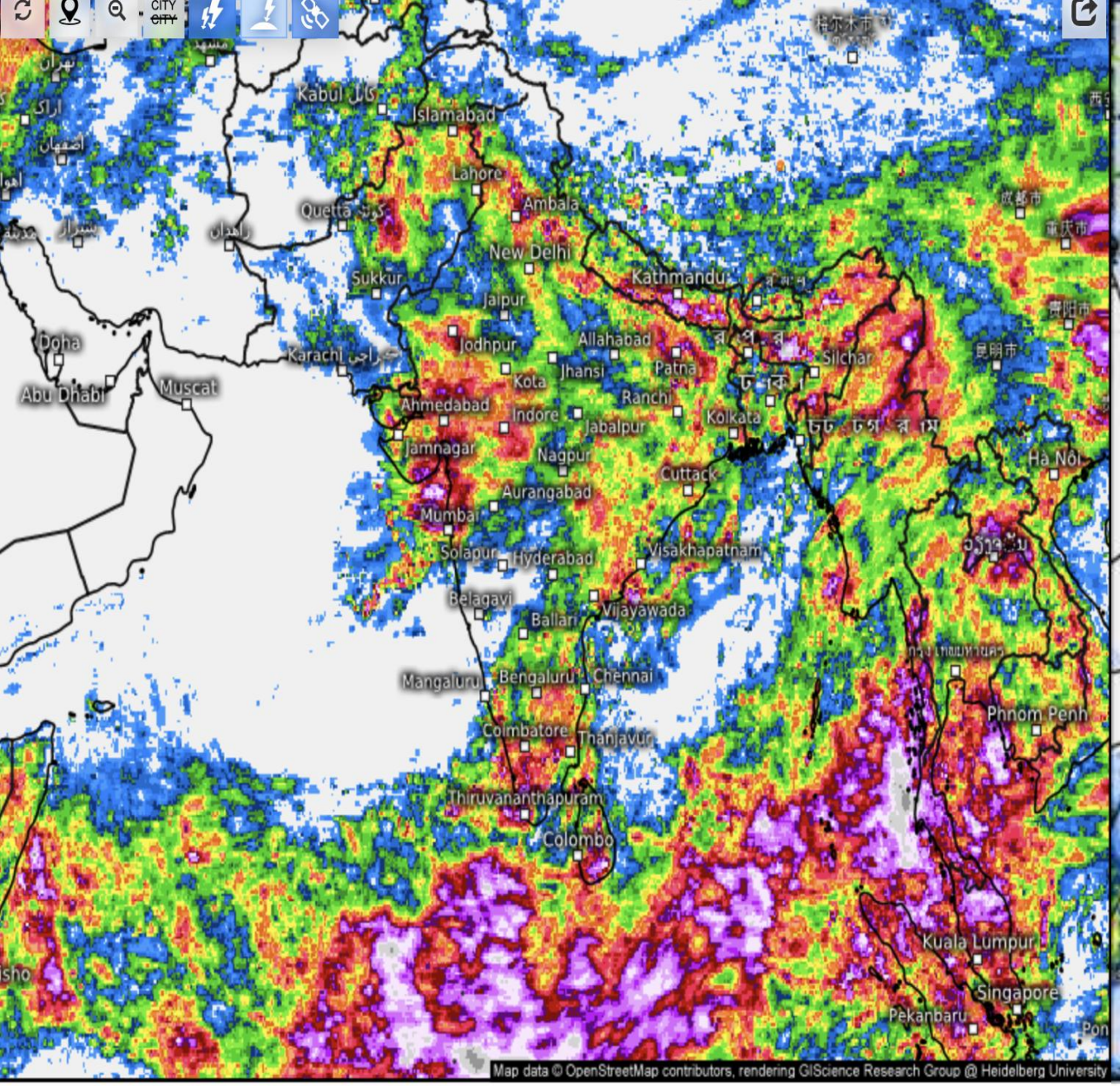
Thu 05/08/2025, 05:30am IST

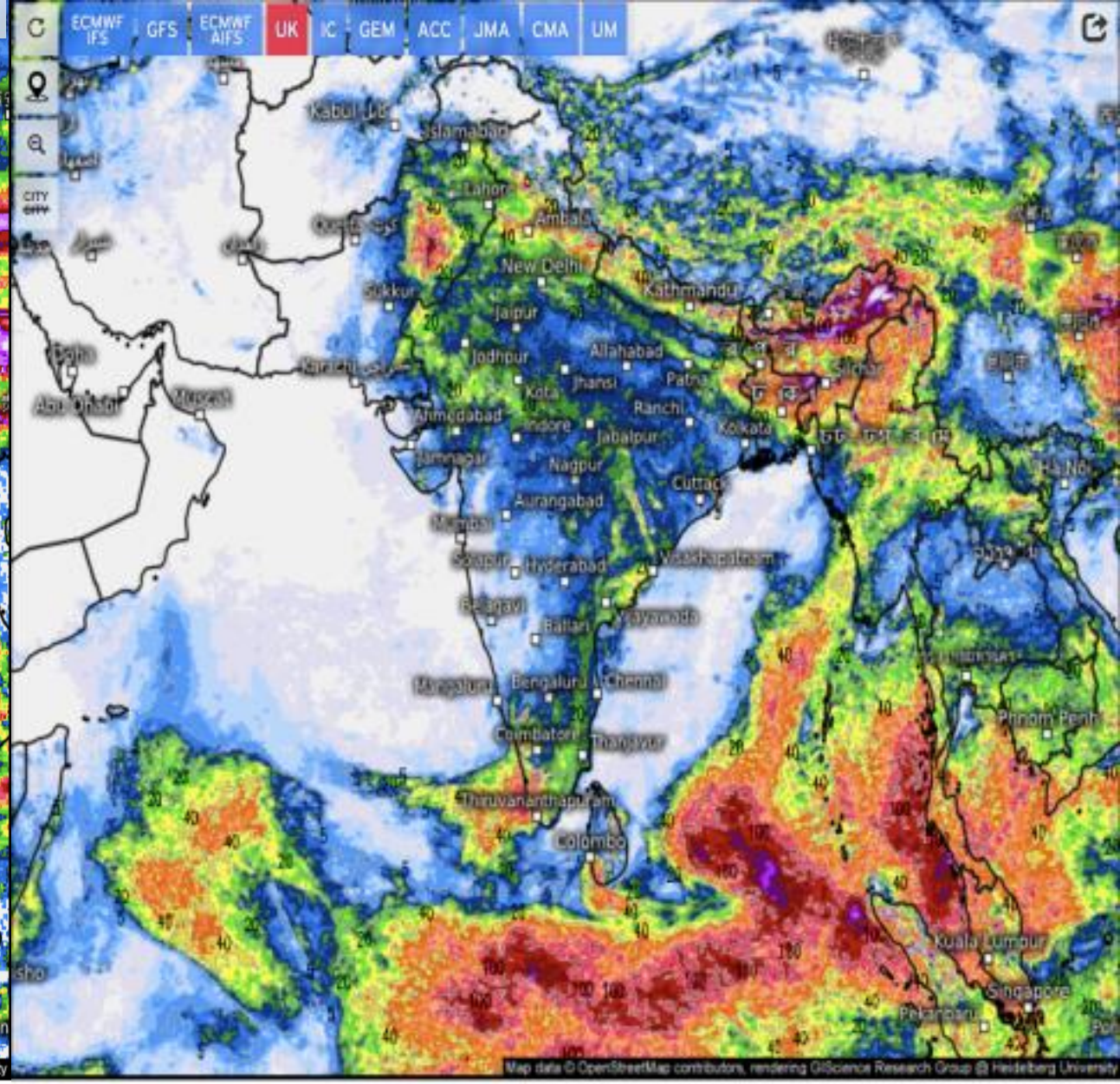
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

Accumulated total precipitation (mm)

From Thu 05/01/2025, 05:30am IST
to Thu 05/08/2025, 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)

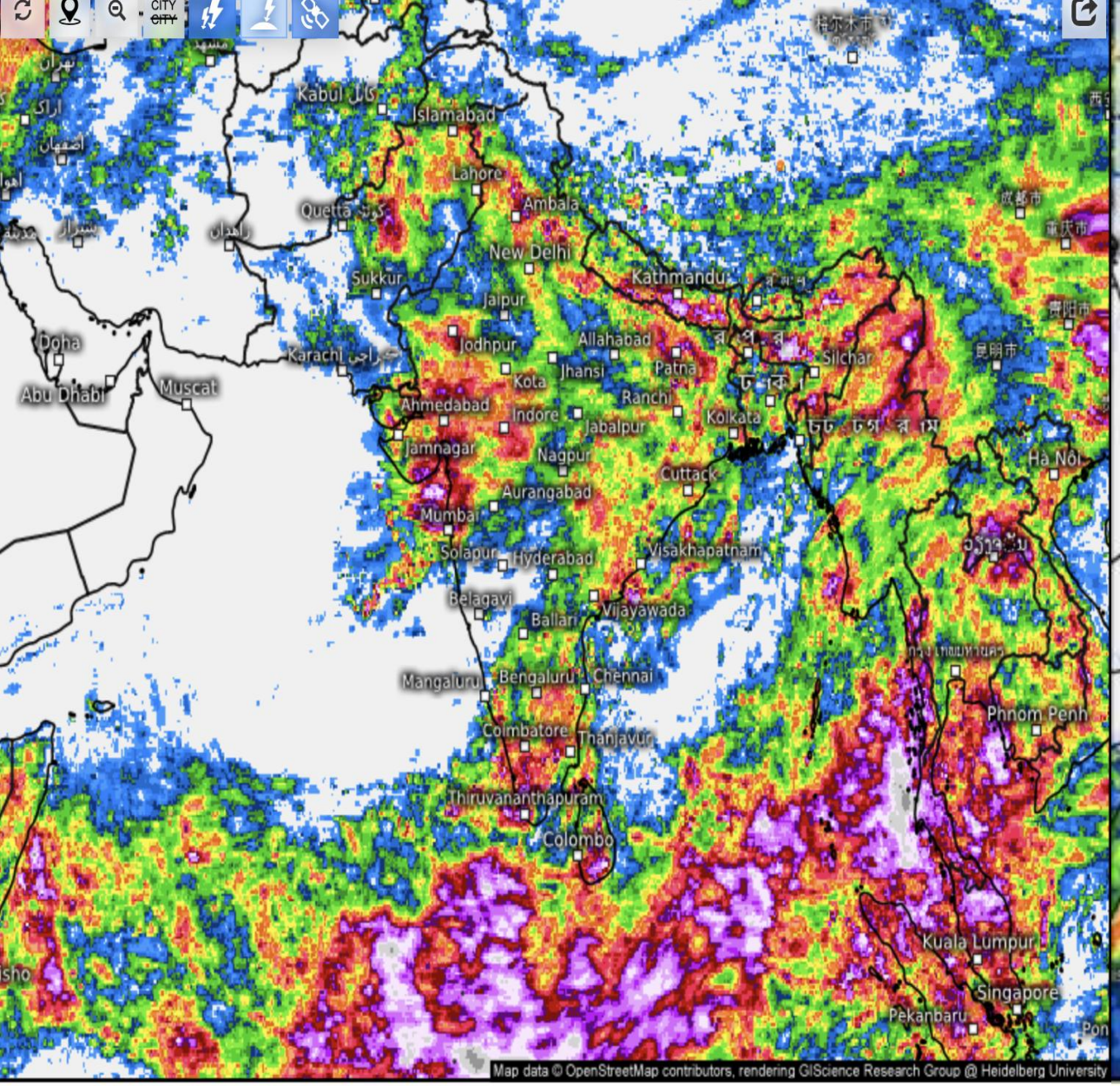
Thu 05/08/2025, 05:30am IST

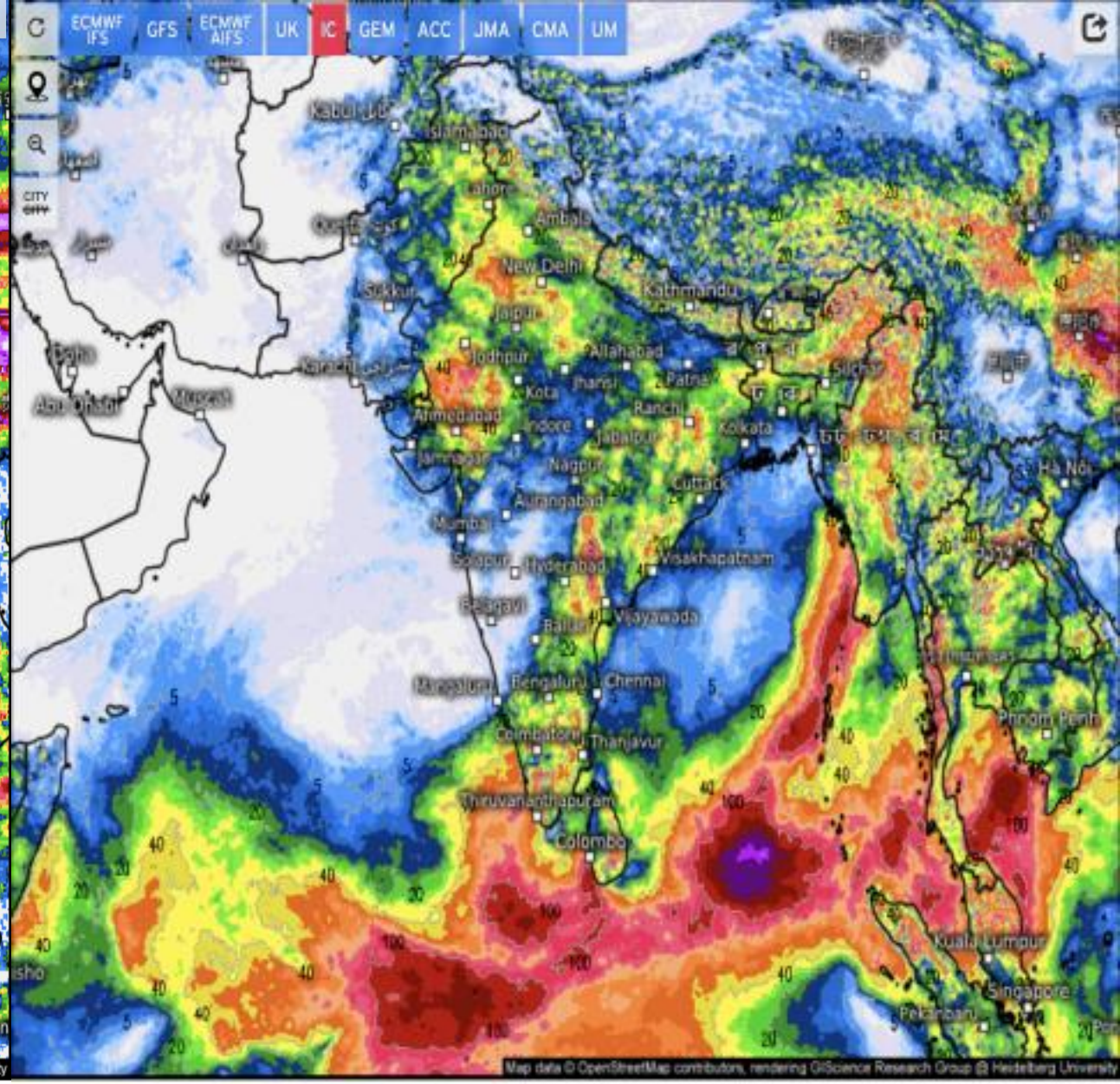
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

Accumulated total precipitation (mm)

From Thu 05/01/2025, 05:30am IST
to Thu 05/08/2025, 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)

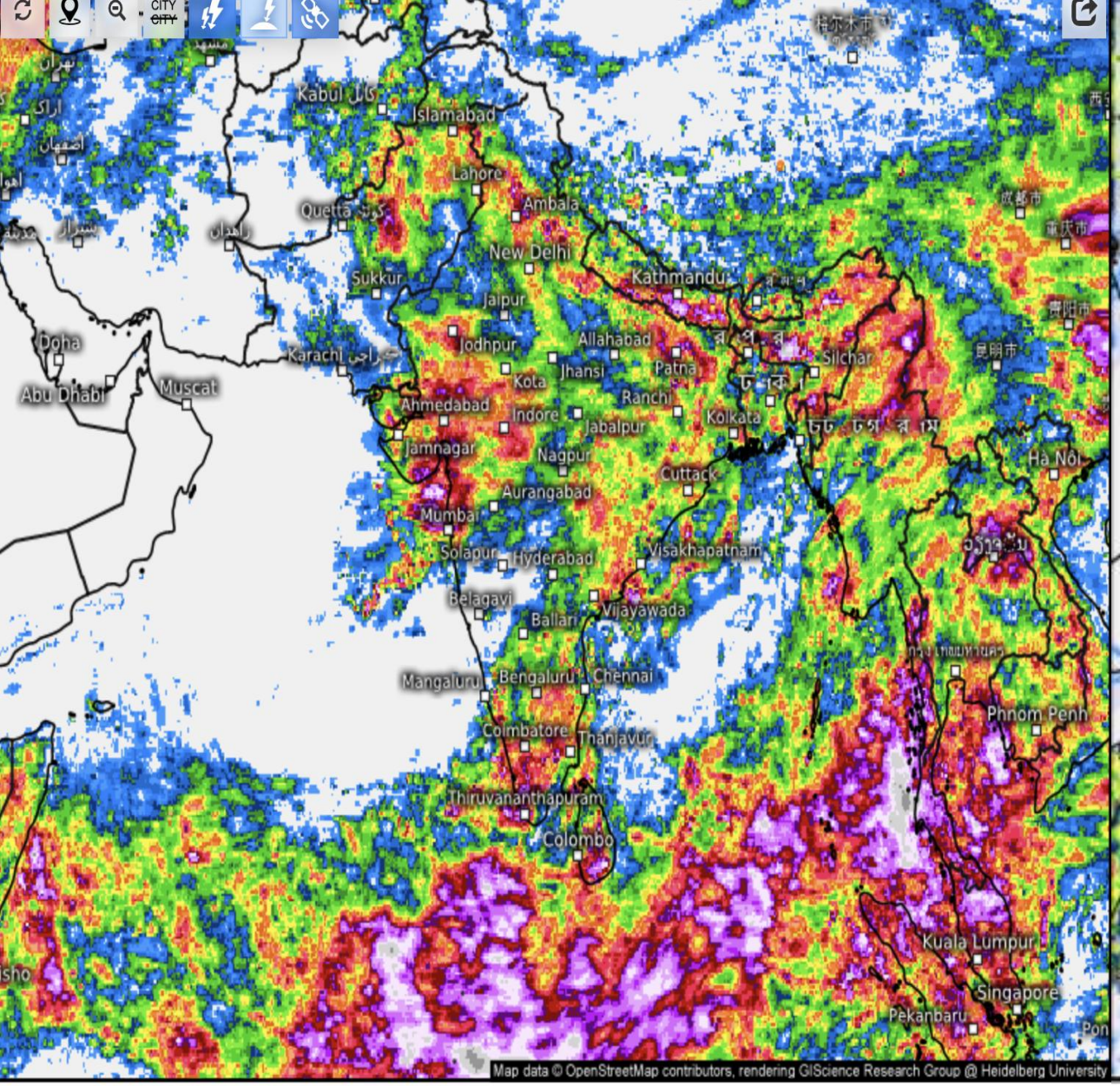
Thu 05/08/2025, 05:30am IST

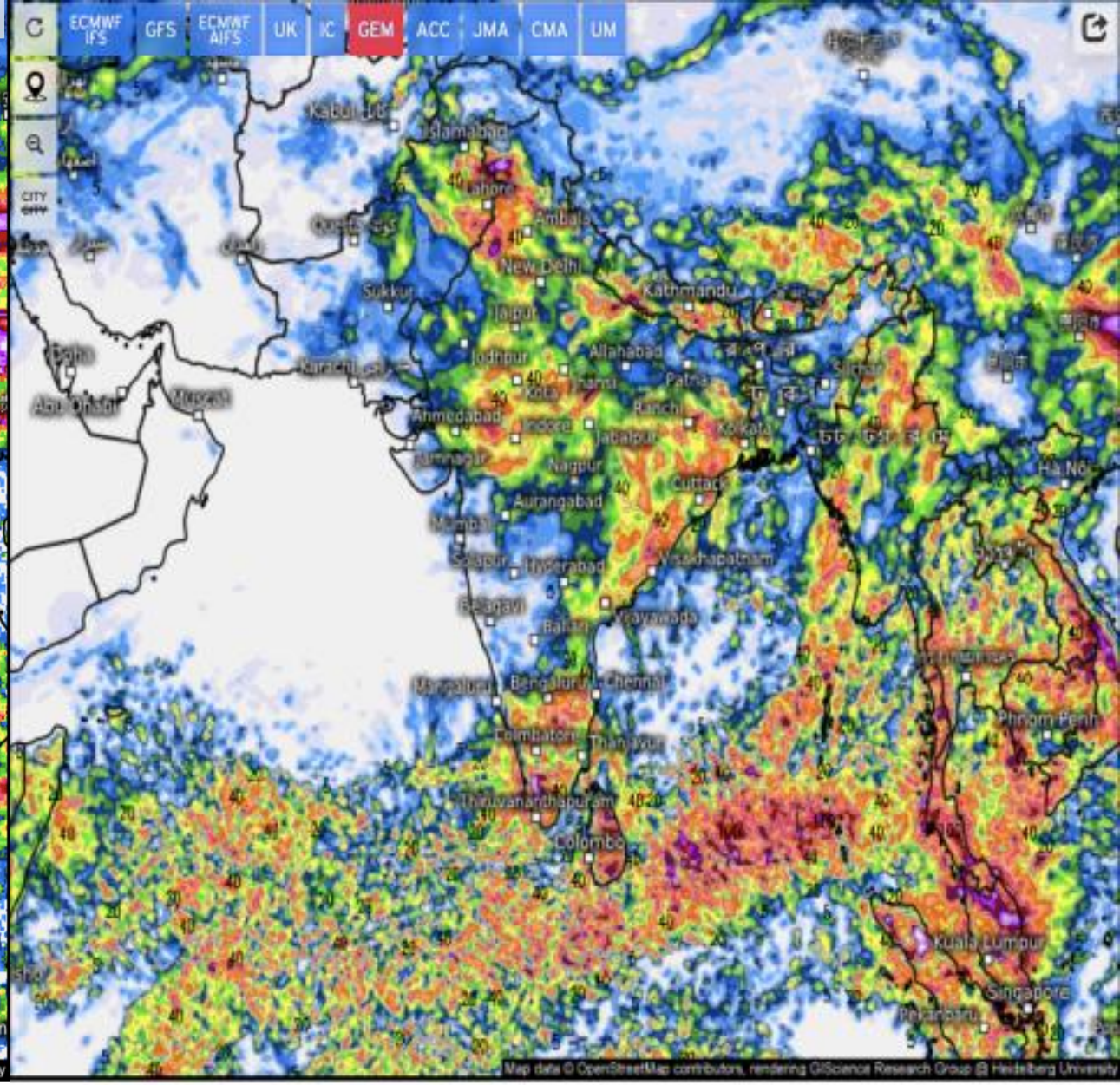
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

Accumulated total precipitation (mm)

From Thu 05/01/2025, 05:30am IST
to Thu 05/08/2025, 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)

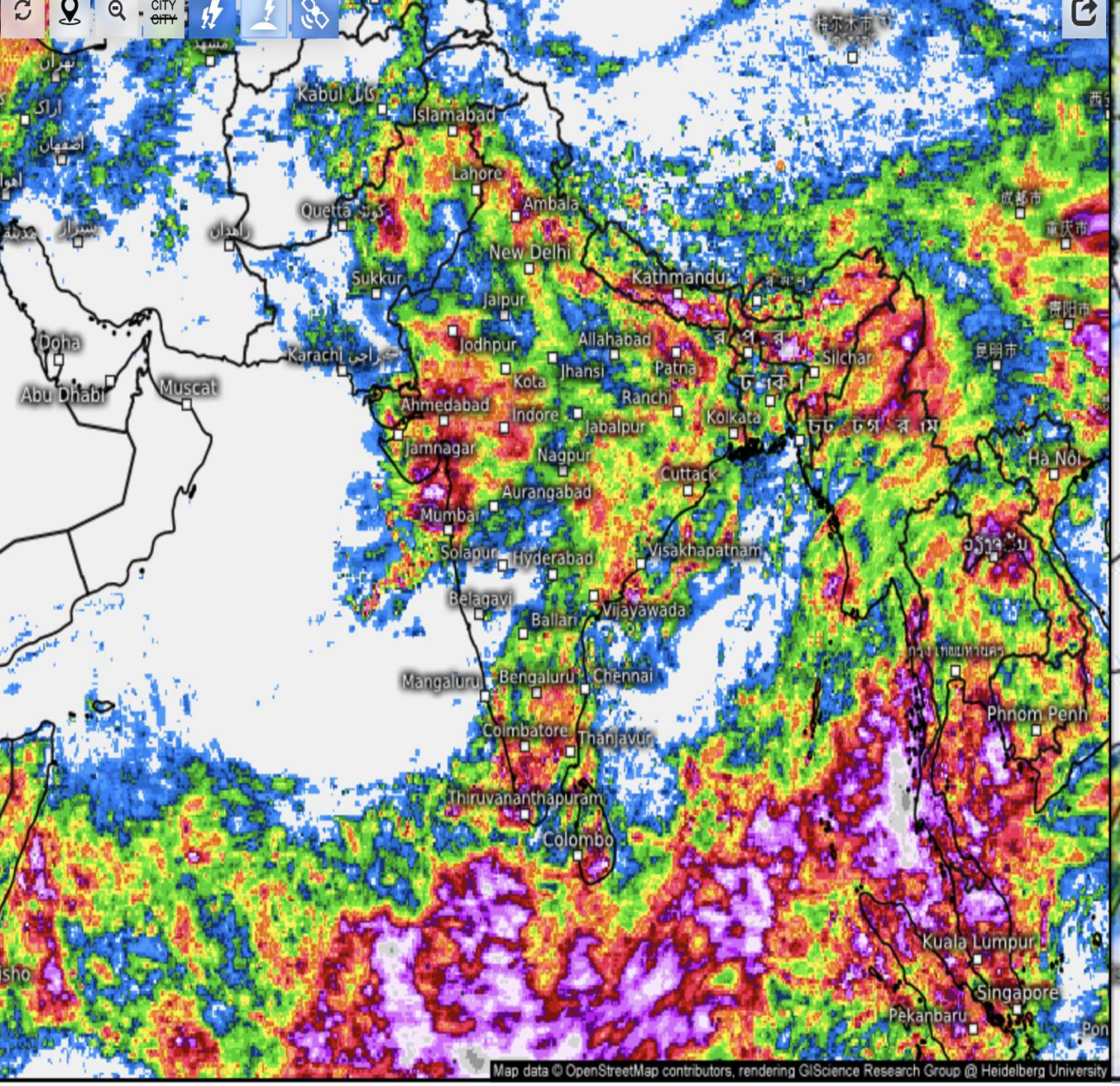
Thu 05/08/2025, 05:30am IST

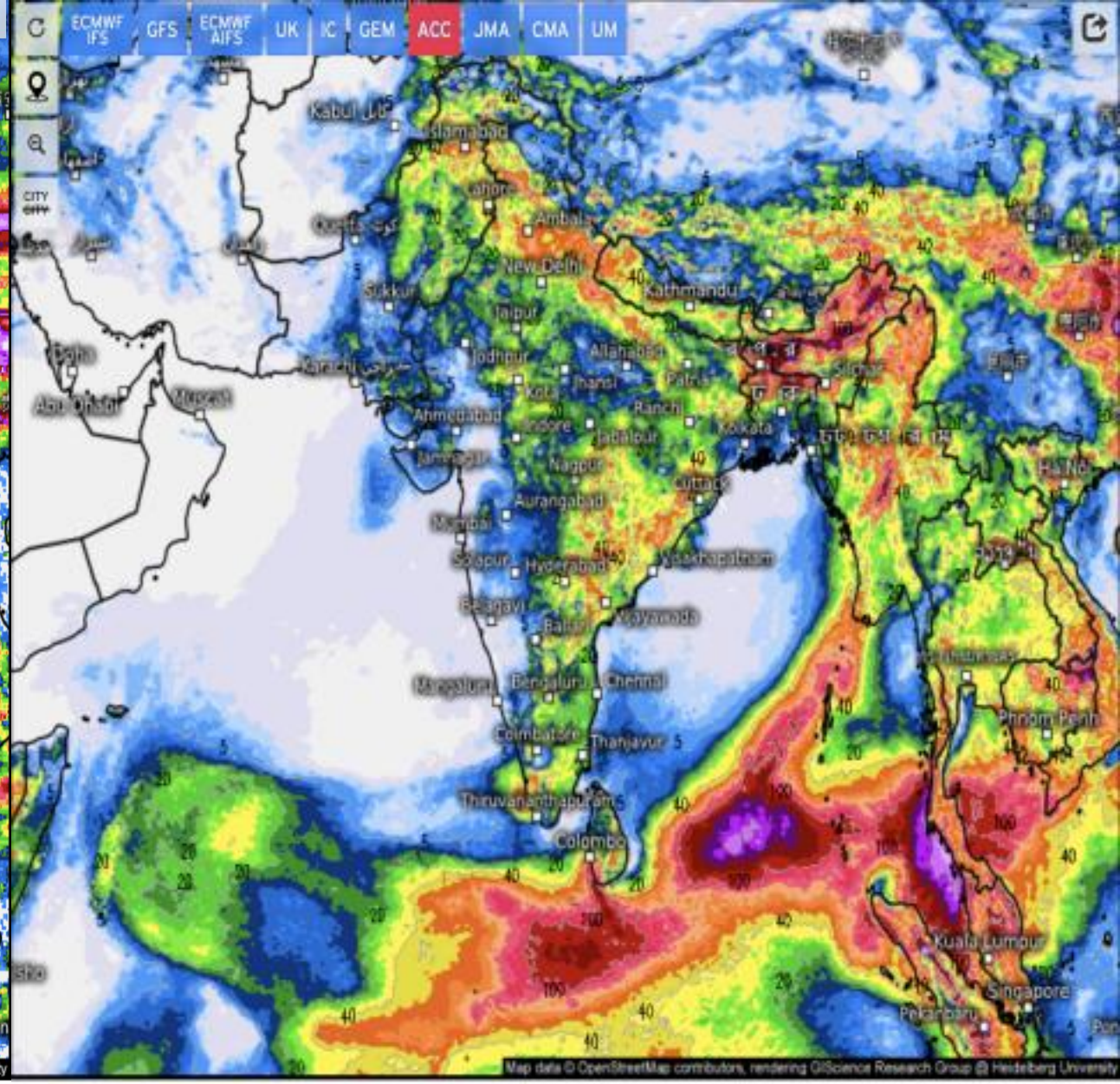
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

Accumulated total precipitation (mm)

From Thu 05/01/2025, 05:30am IST
to Thu 05/08/2025, 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)

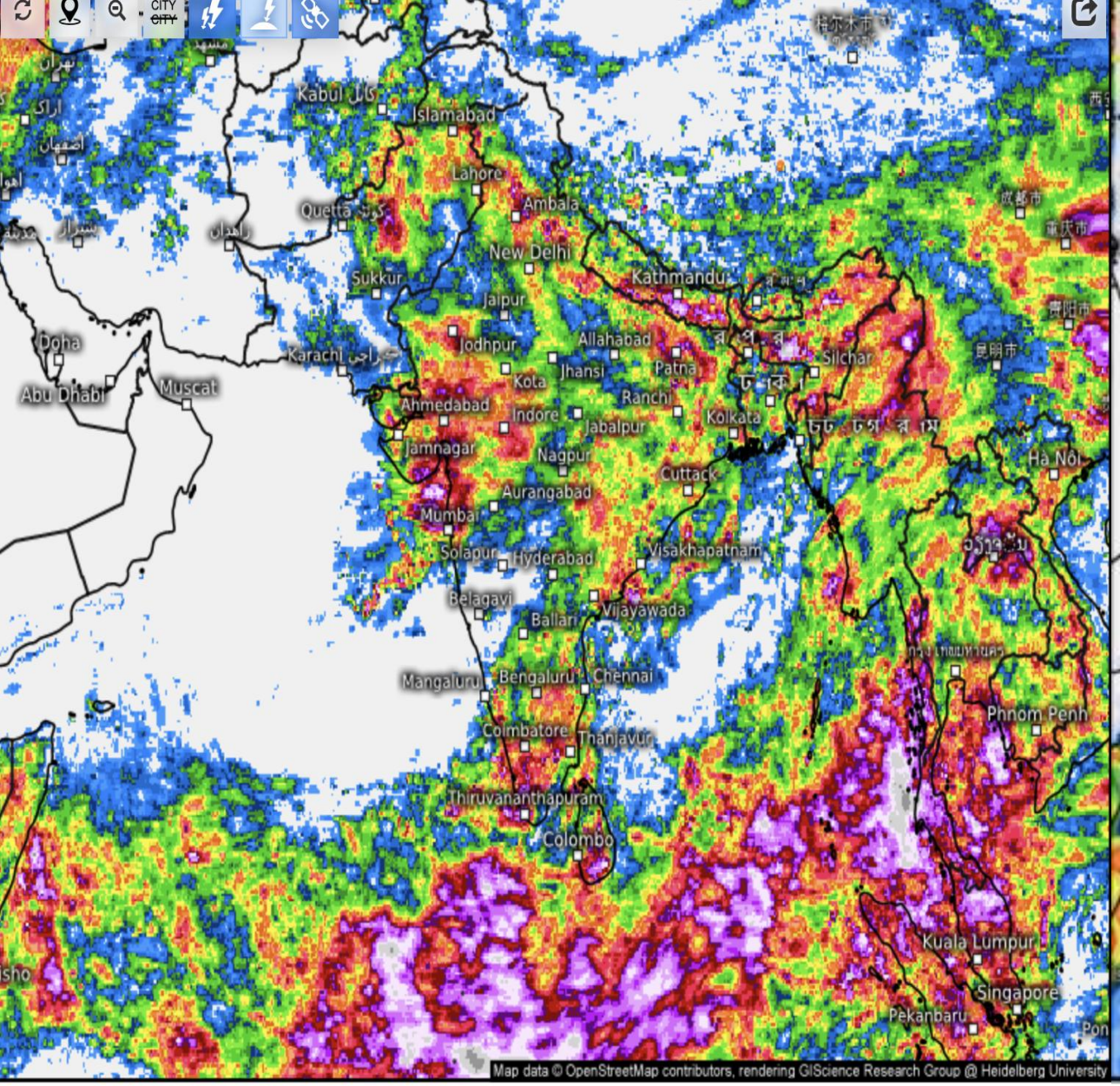
Thu 05/08/2025, 05:30am IST

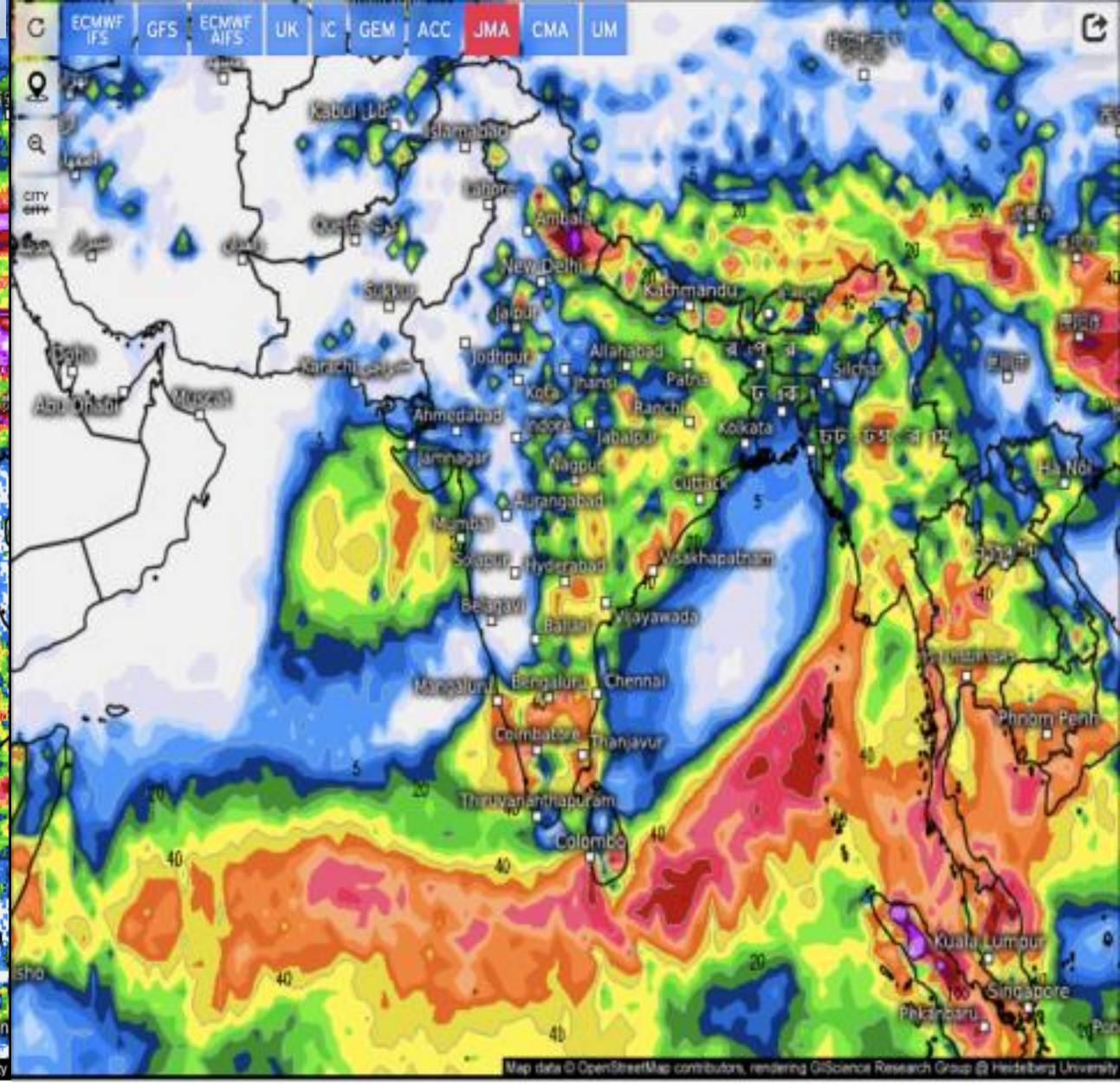
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

Accumulated total precipitation (mm)

From Thu 05/01/2025, 05:30am IST
to Thu 05/08/2025, 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)

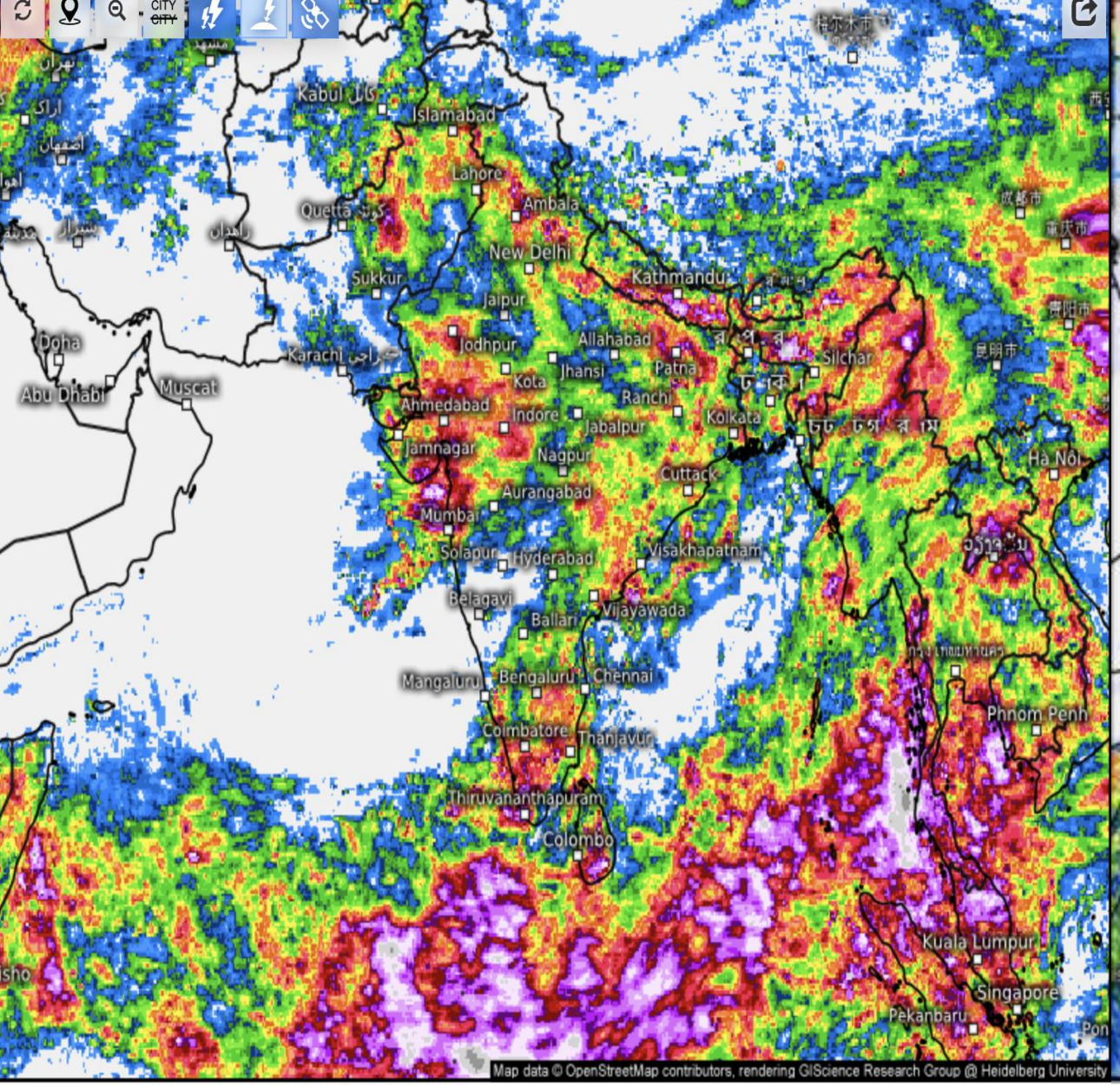
Thu 05/08/2025, 05:30am IST

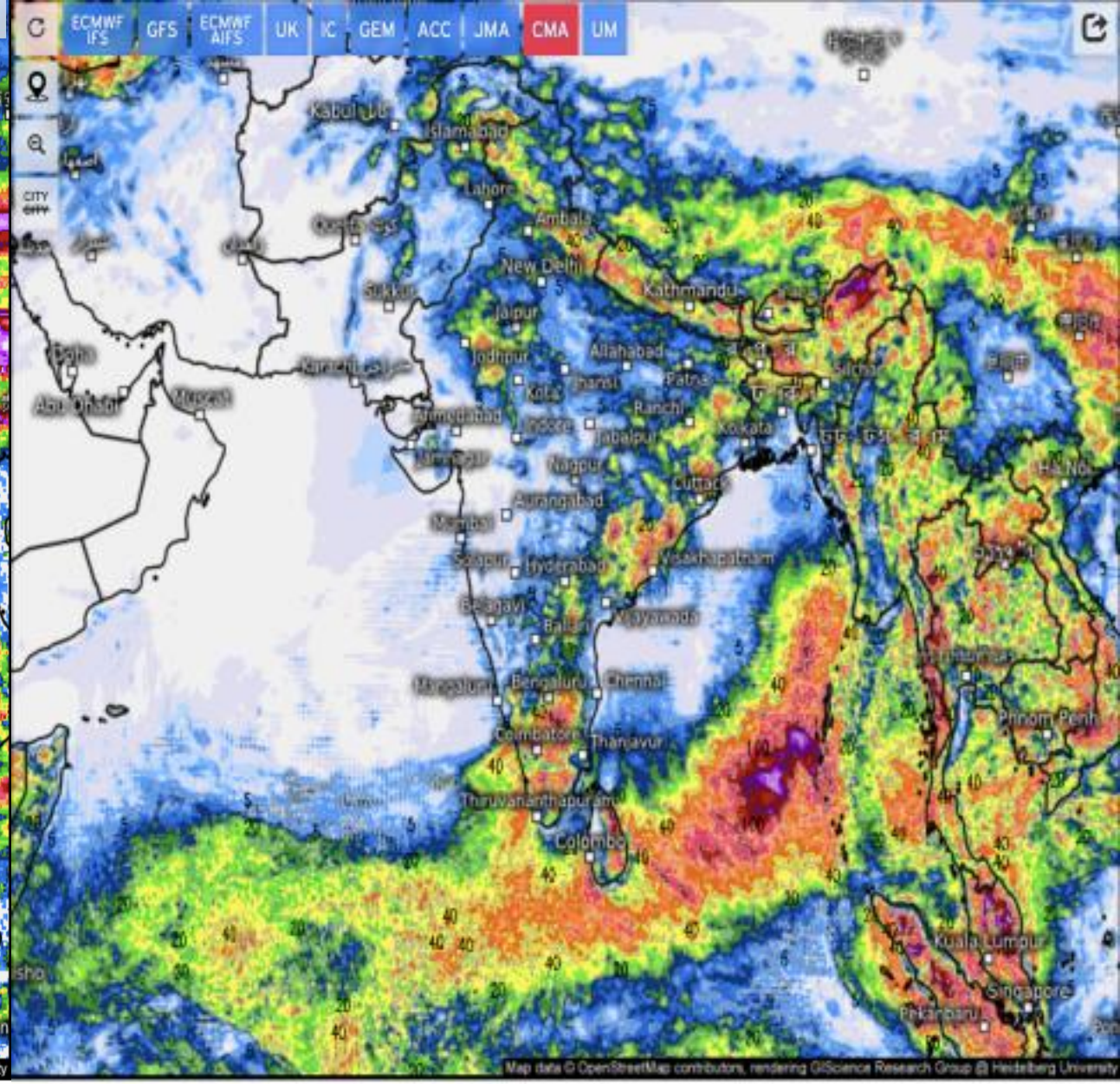
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

Accumulated total precipitation (mm)

From Wed 04/30/2025, 05:30pm IST
to Thu 05/08/2025, 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)

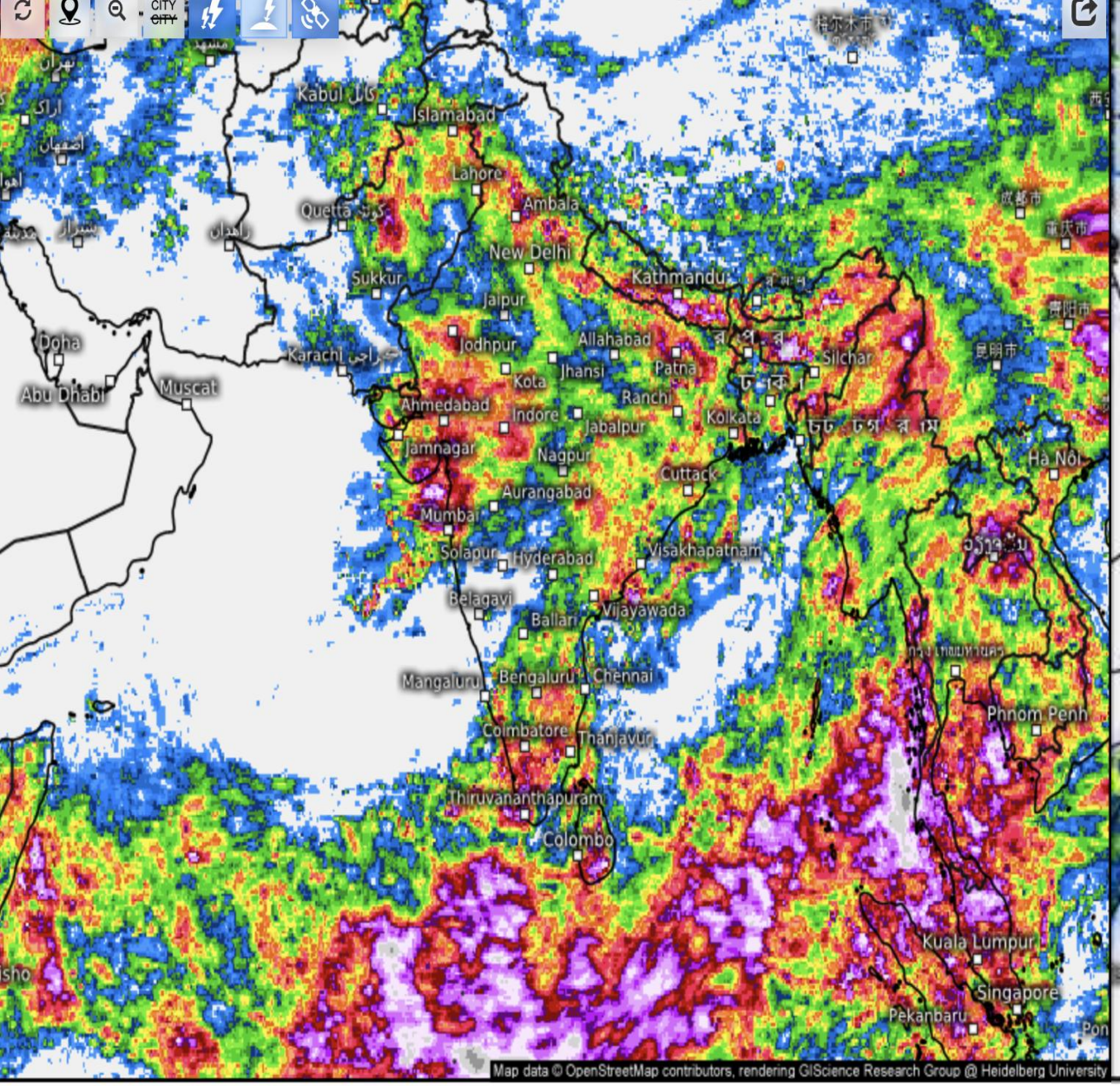
Thu 05/08/2025, 05:30am IST

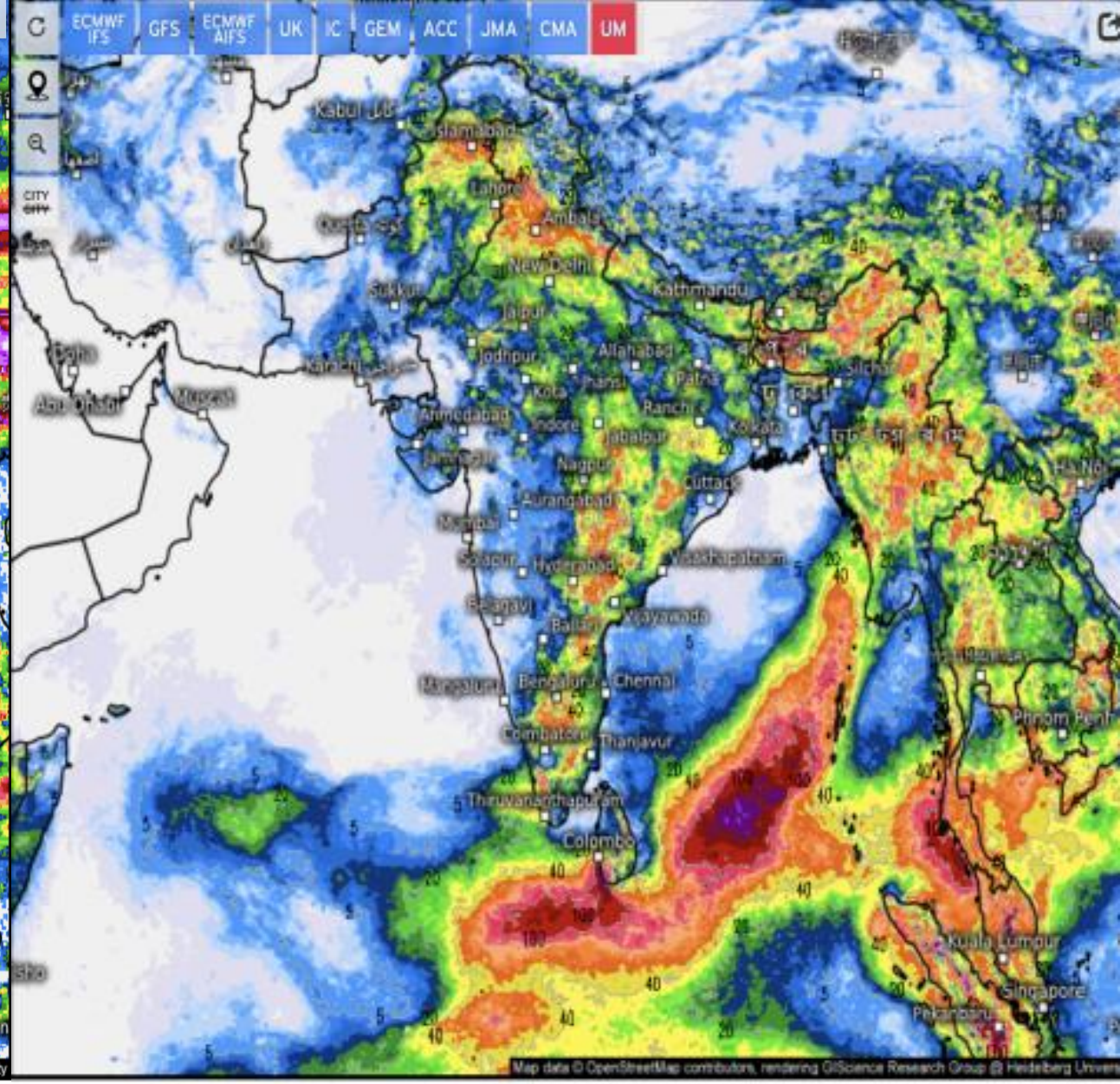
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

Accumulated total precipitation (mm)

From Wed 04/30/2025, 05:30pm IST
to Thu 05/08/2025, 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)

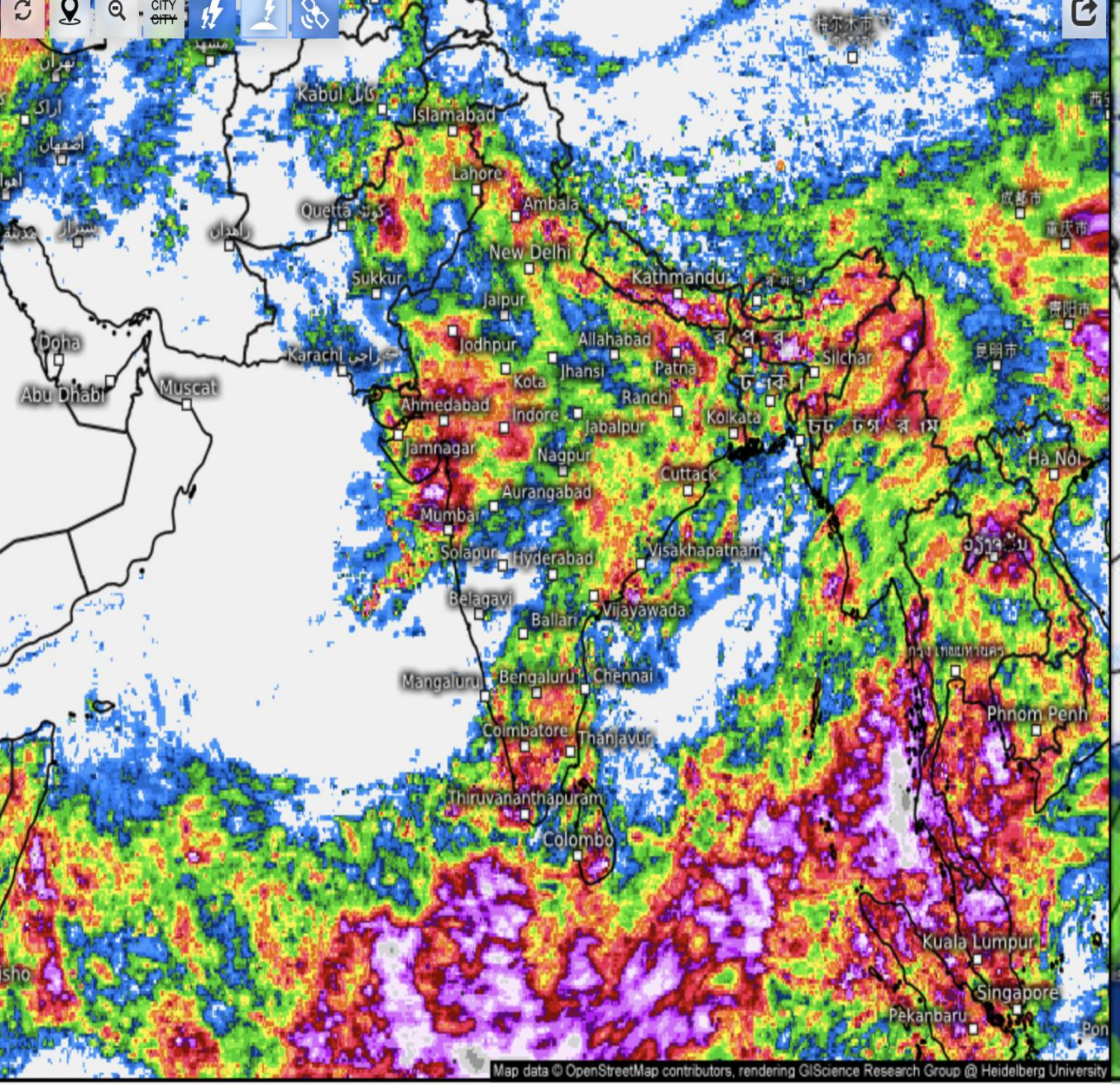
Thu 05/08/2025, 05:30am IST

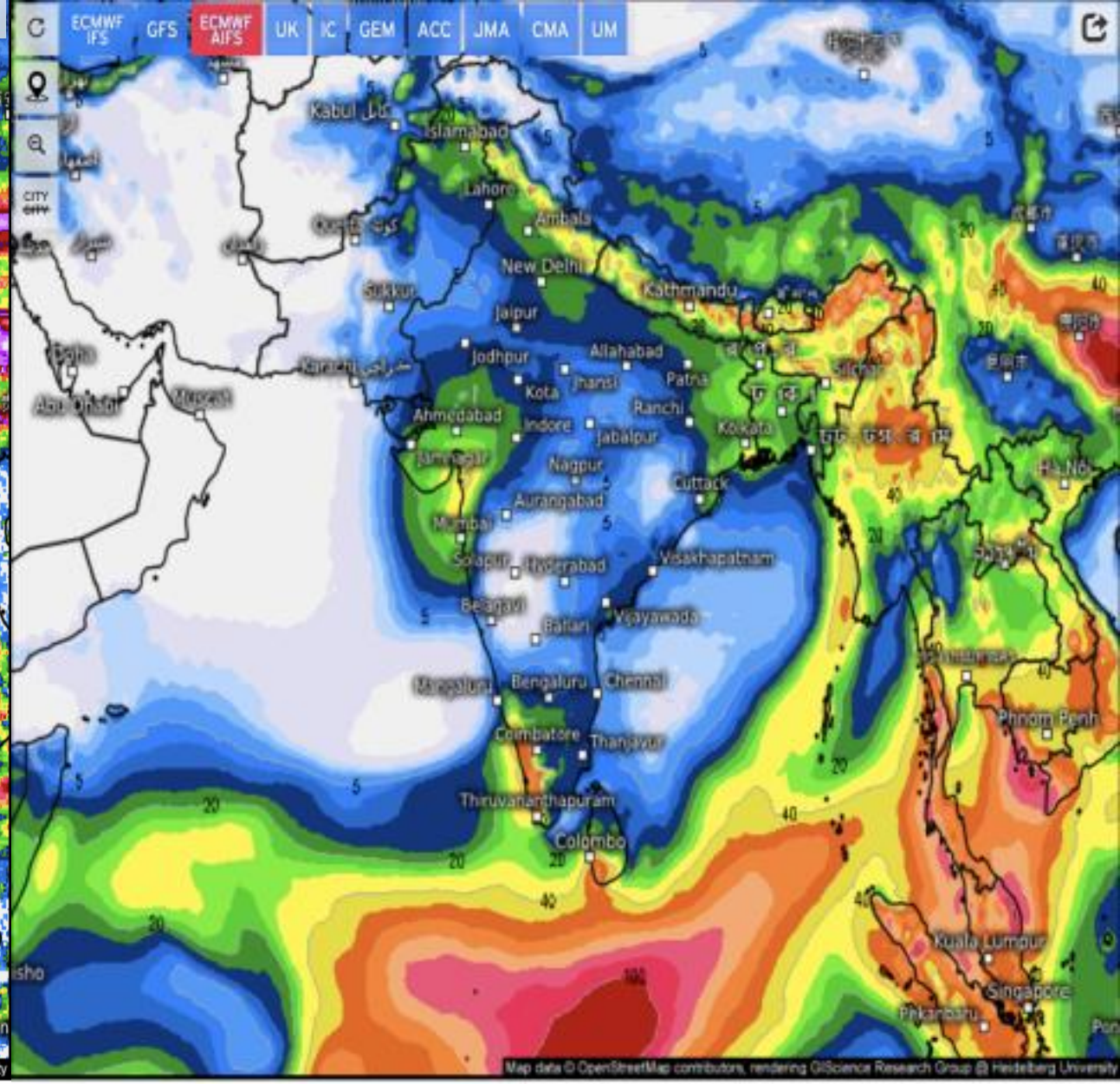
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

Accumulated total precipitation (mm)

From Wed 04/30/2025, 05:30pm IST
to Thu 05/08/2025, 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)

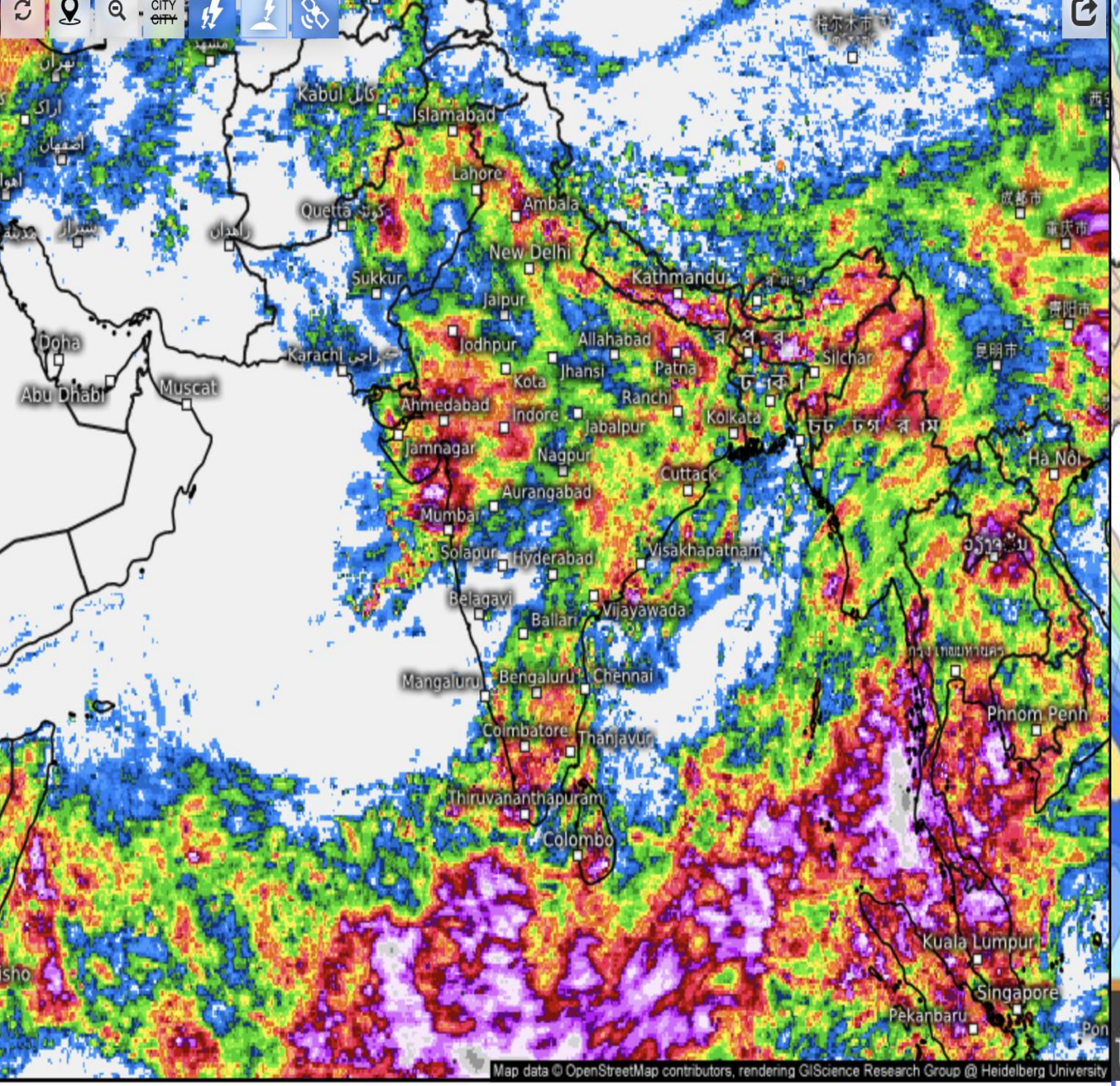
Thu 05/08/2025, 05:30am IST

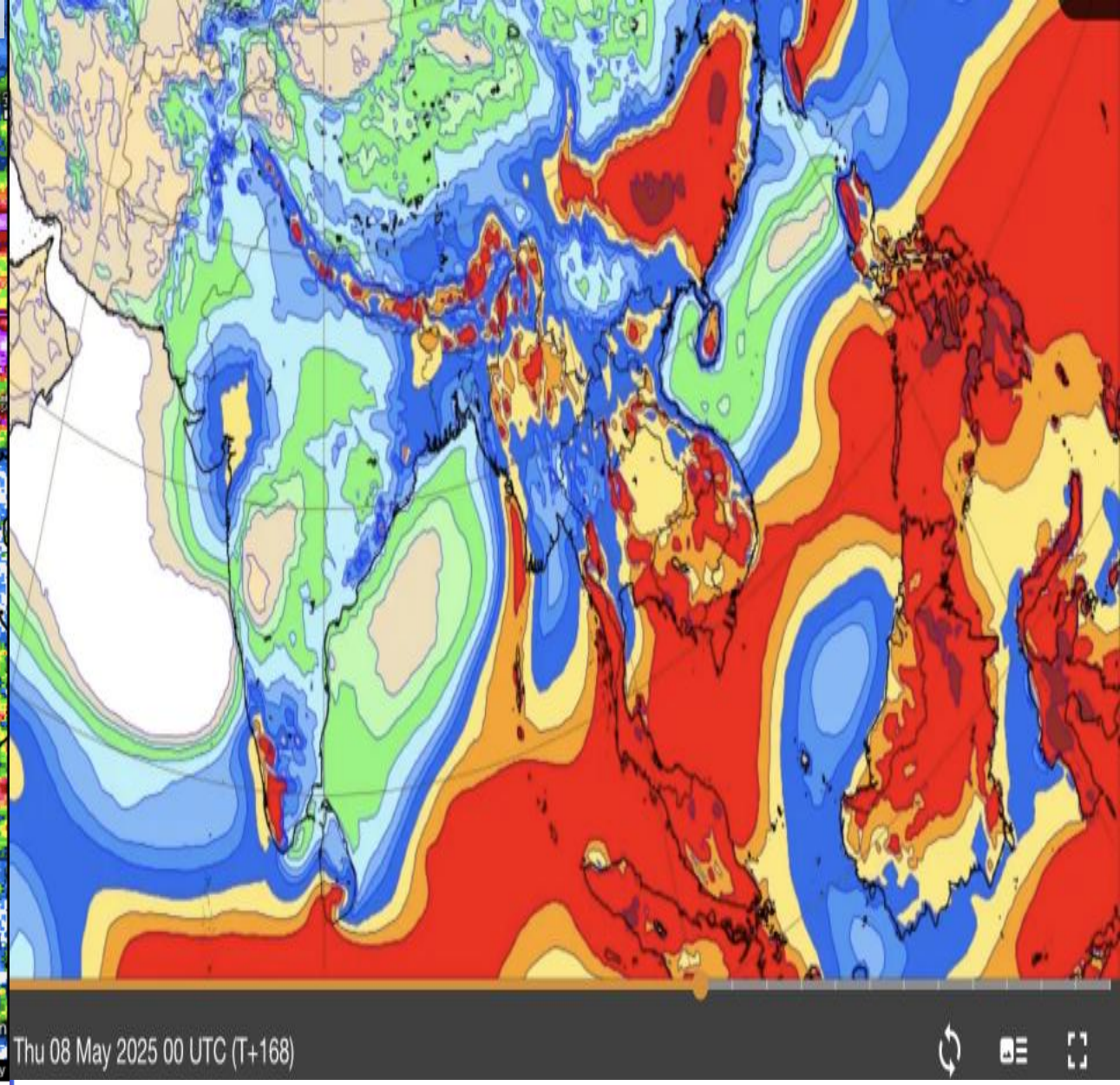
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

Accumulated total precipitation (mm)

From Thu 05/01/2025, 05:30am IST
to Thu 05/08/2025, 05:30am IST

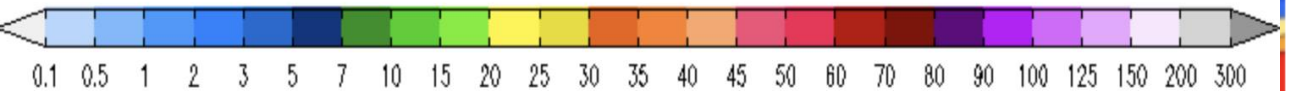
0.1 1 2 3 5 7 10 15 20 25 30 40 50 60 70 80 90 100 125 150 175 200 250 300 400 500



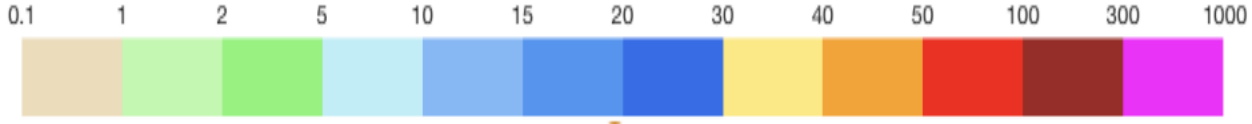


Accumulated Precipitation, 7 days (Satellite) (mm)

Thu 05/08/2025, 05:30am IST

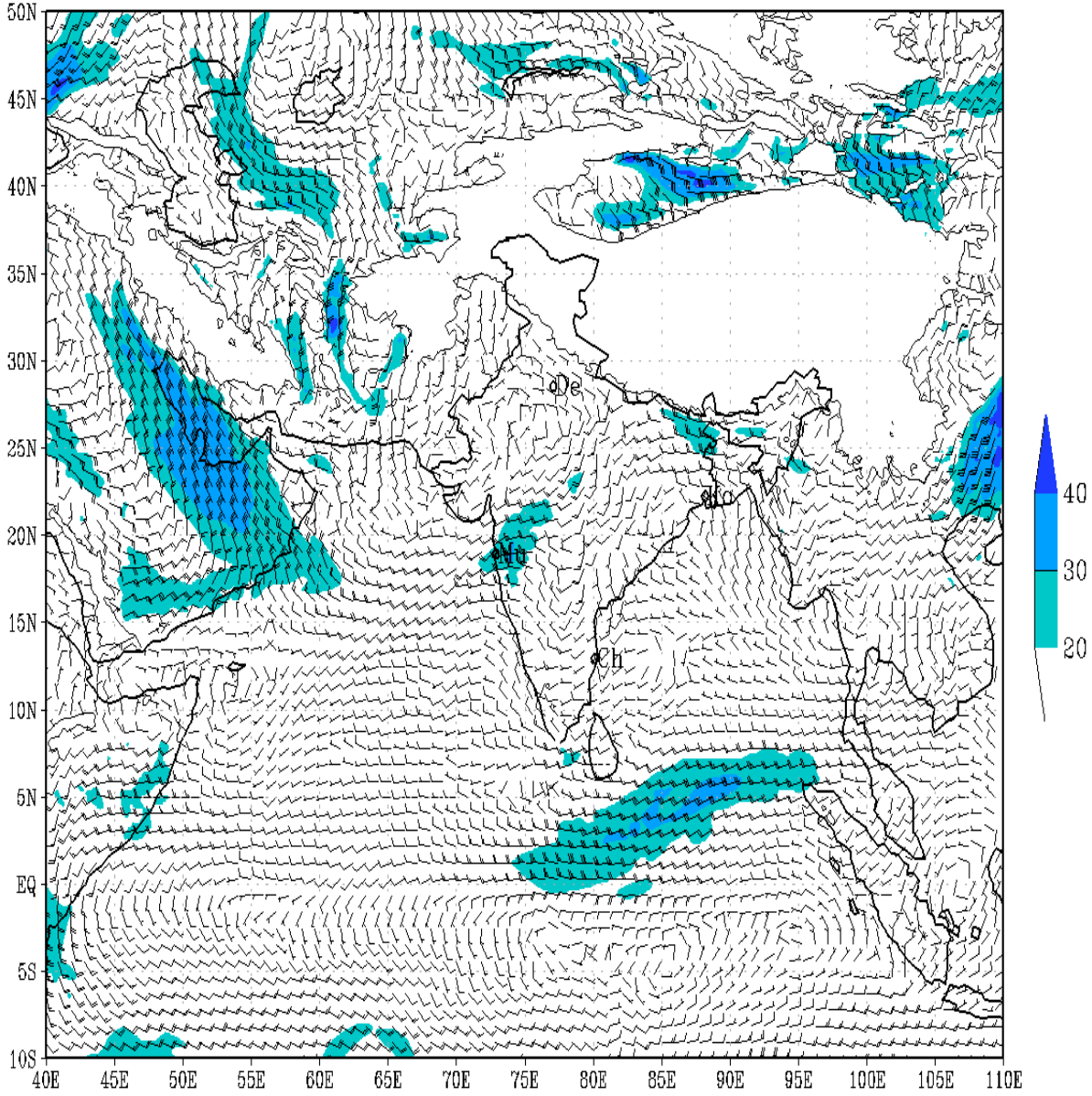


Experimental: GraphCast (Google Deepmind) ML model: Total accumulated precipitation (mm)



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

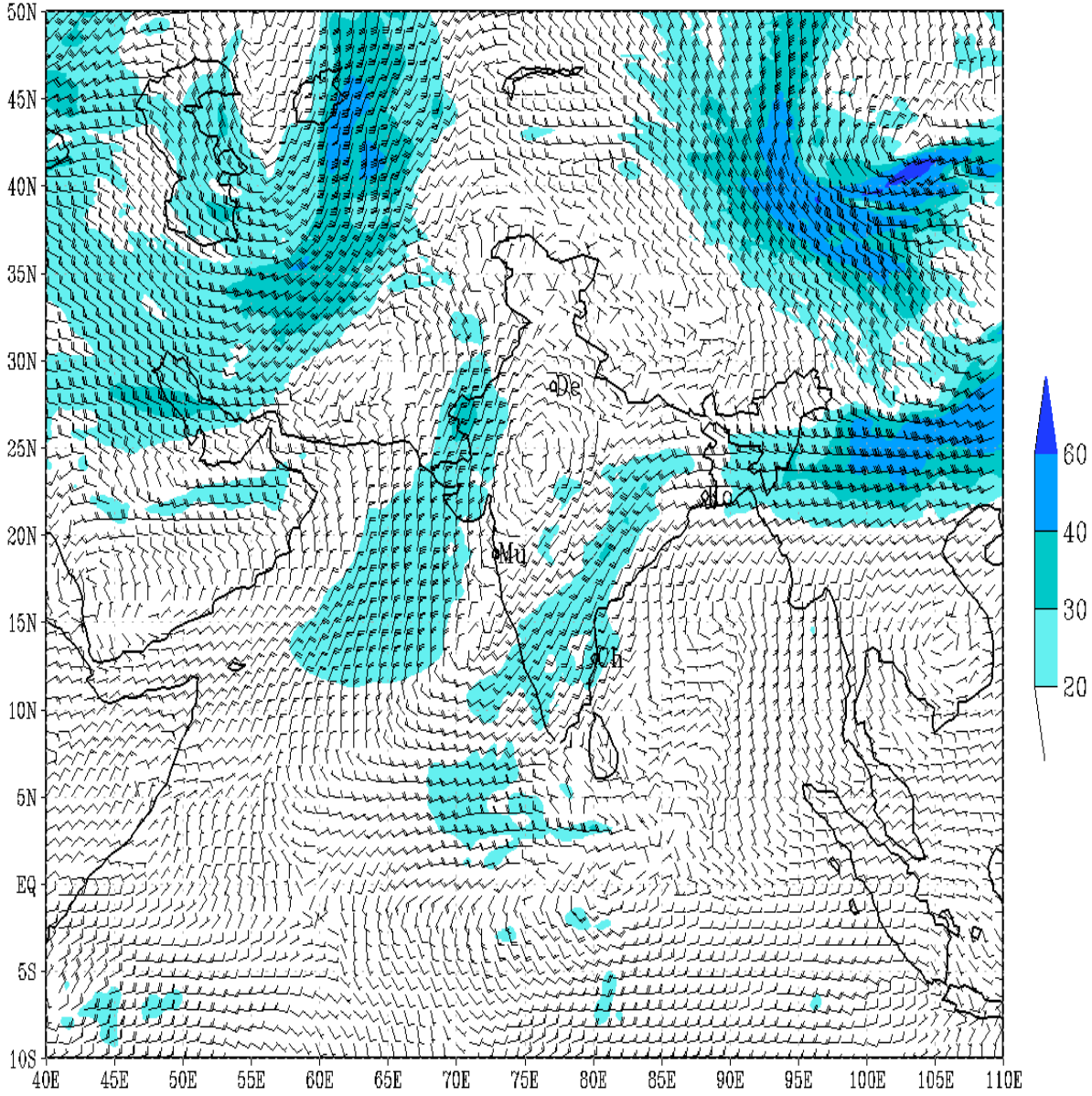
based on 00 UTC of 08-05-2025 valid for 00 UTC of 08-05-2025



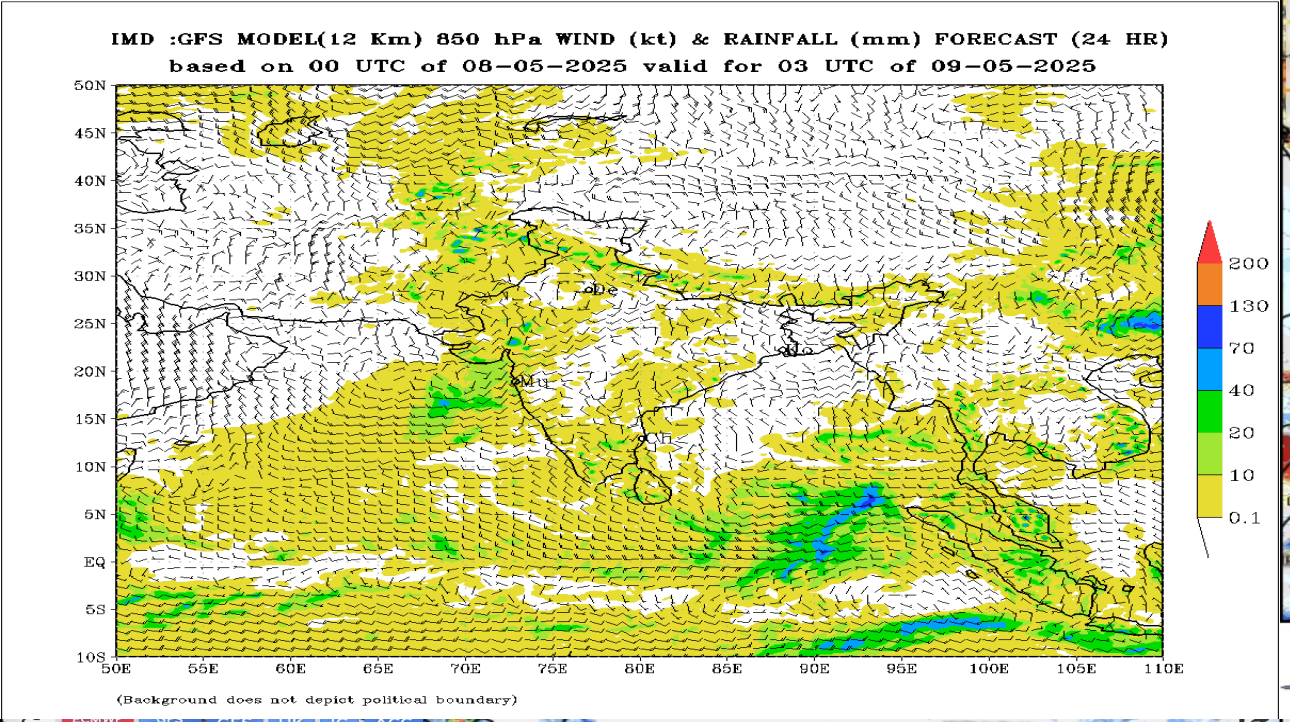
(Background does not depict political boundary)

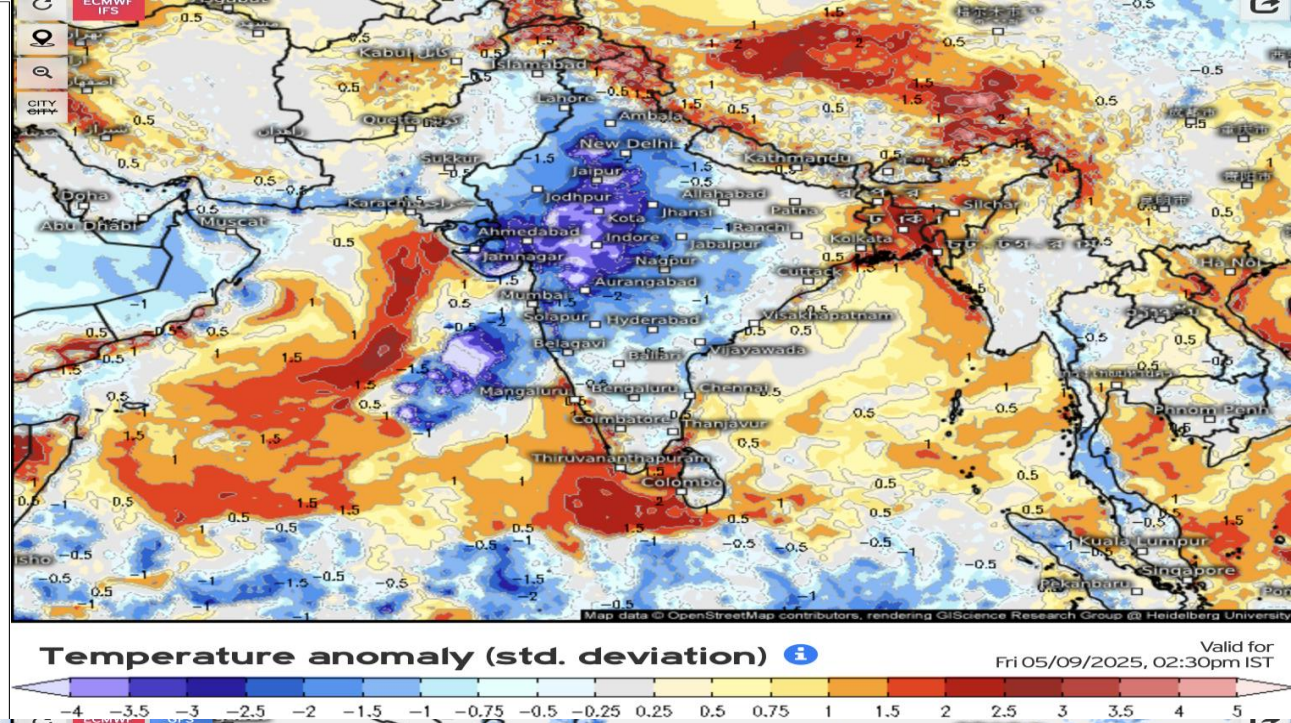
IMD:GFS MODEL(12 Km) 500 hPa WIND (kt) FORECAST (00 HR)

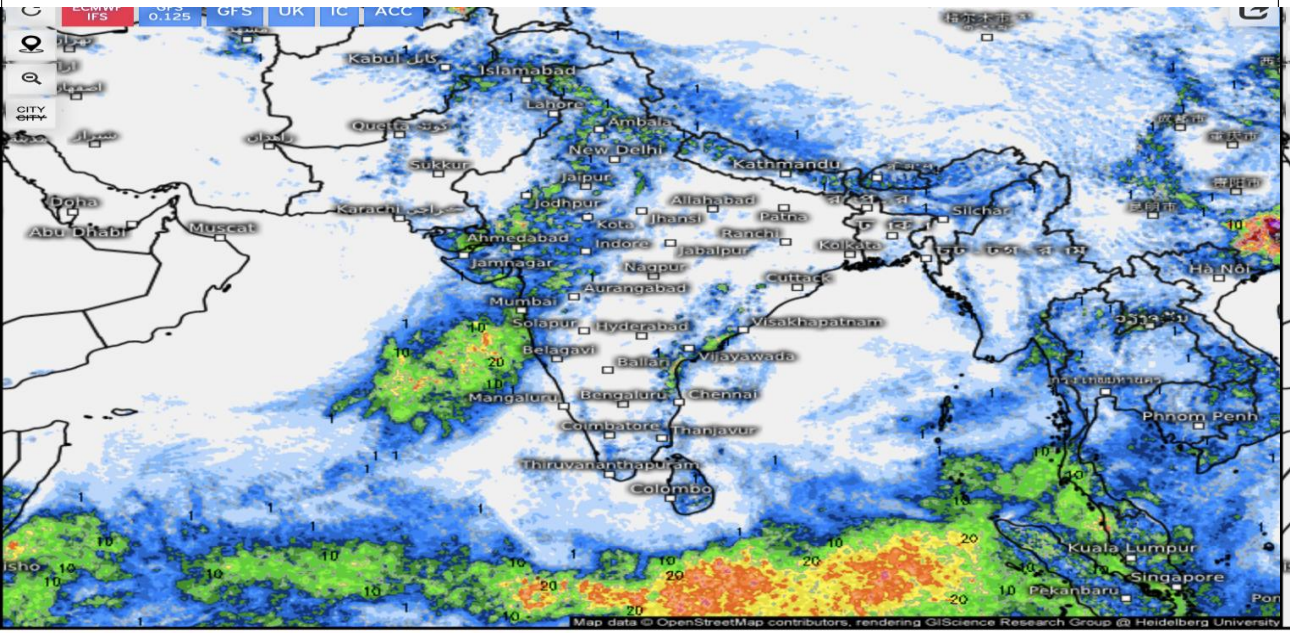
based on 00 UTC of 08-05-2025 valid for 00 UTC of 08-05-2025

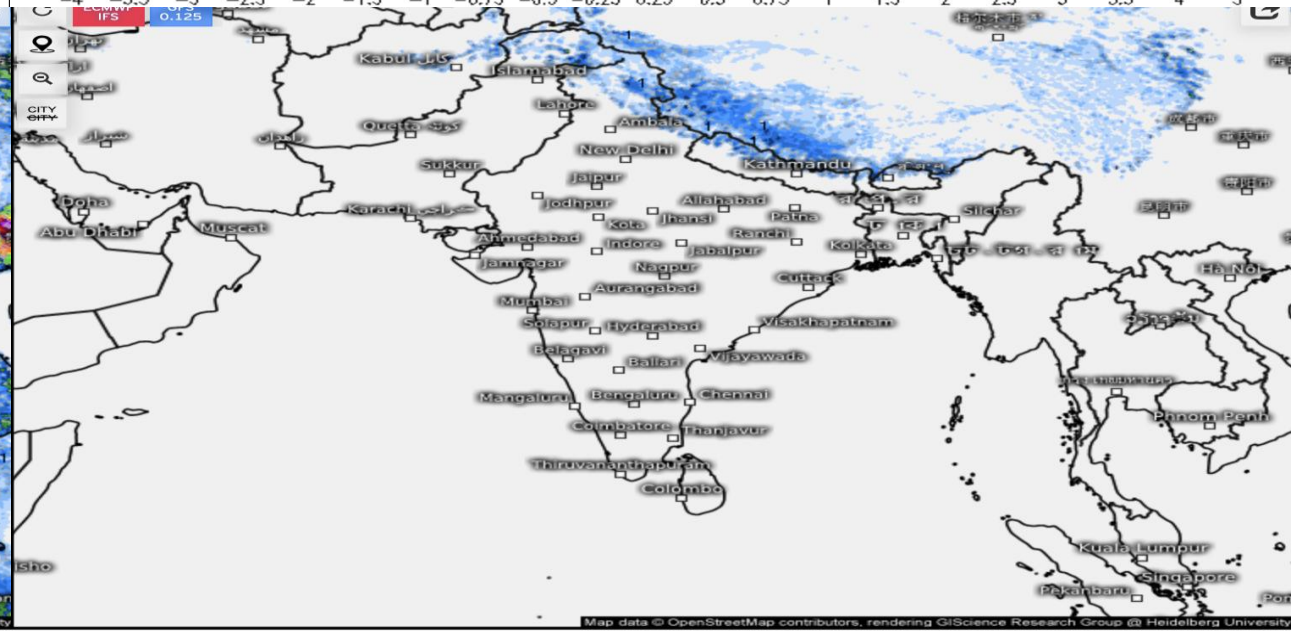


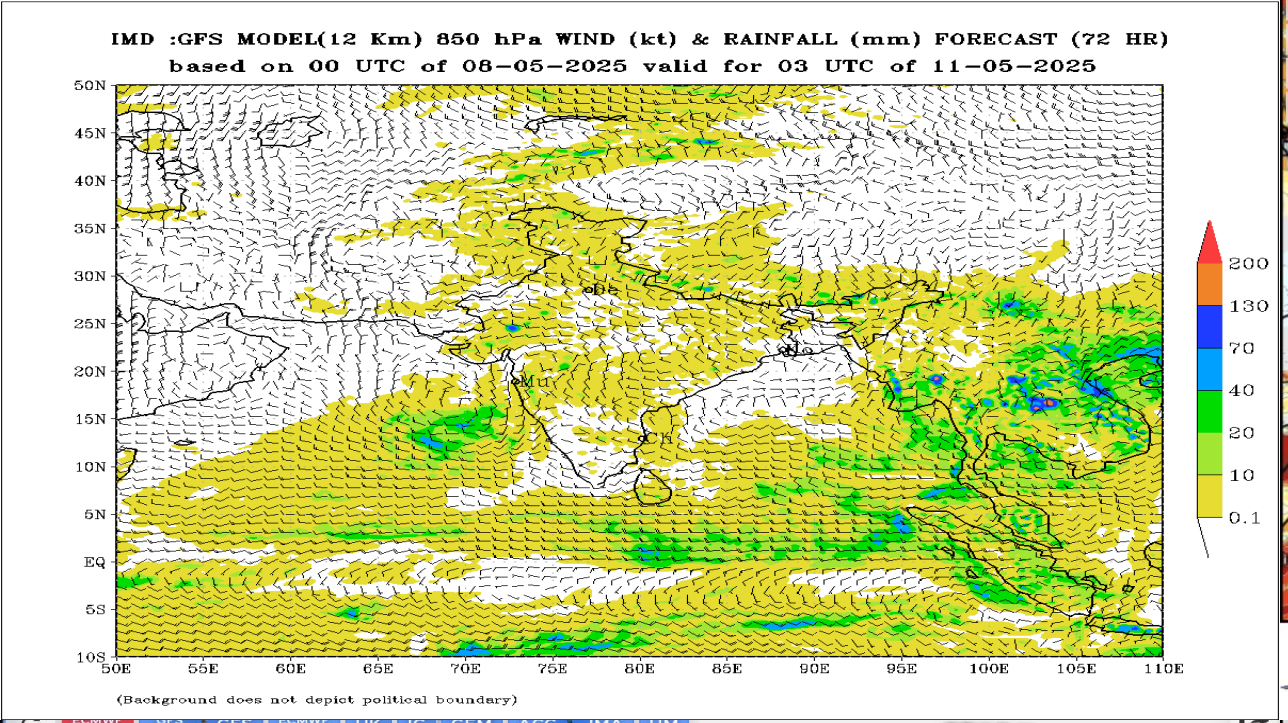
(Background does not depict political boundary)

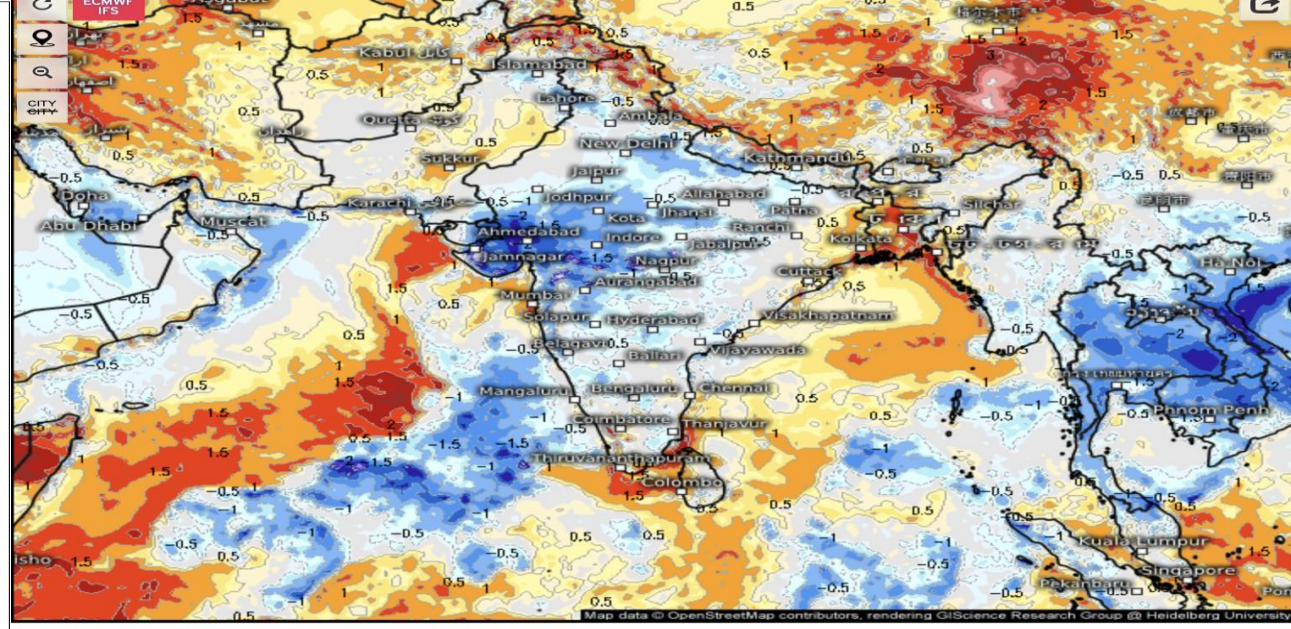

IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (24 HR)
based on 00 UTC of 08-05-2025 valid for 03 UTC of 09-05-2025
50N
45N
40N
35N
30N
25N
20N
15N
10N
5N
EQ
5S
10S
50E
55E
60E
65E
70E
75E
80E
85E
90E
95E
100E
105E
110E
200
130
70
40
20
10
0.1
(Background does not depict political boundary)


Temperature anomaly (std. deviation)
Valid for
Fri 05/09/2025, 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
Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University


Precipitation, 24h (mm)
Valid for
Fri 05/09/2025, 12:30pm 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
Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University


Precipitation, 24h (Snow) (mm)
Valid for
Fri 05/09/2025, 12:30pm 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
Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University

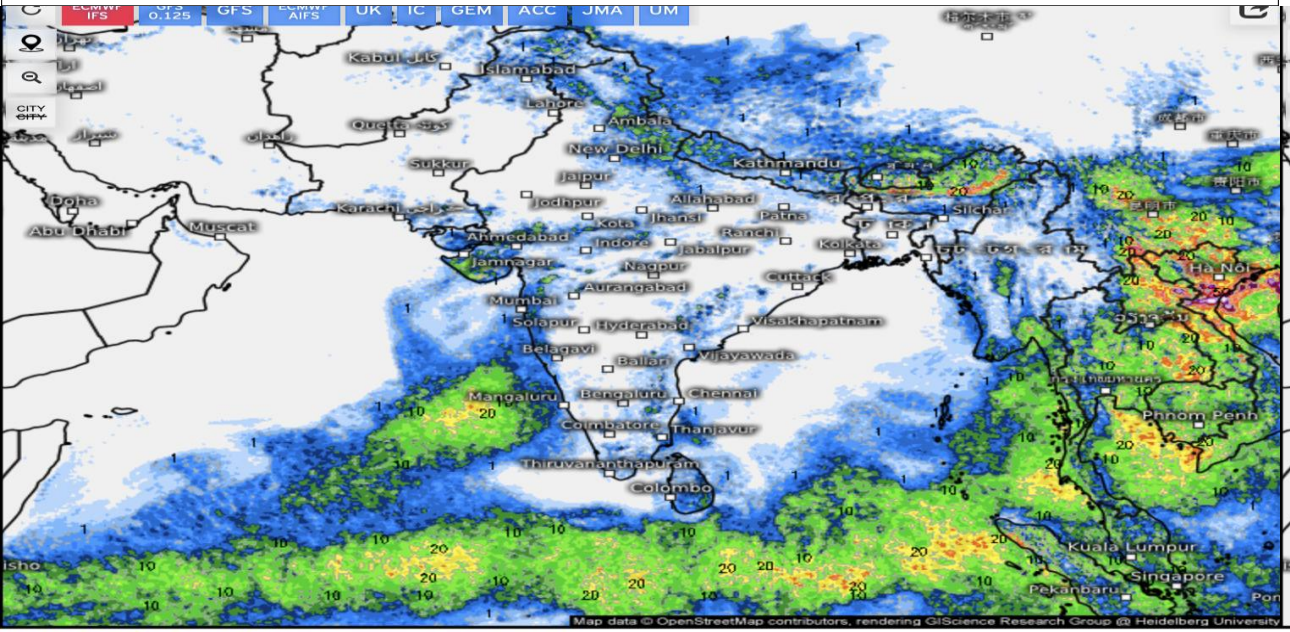




Temperature anomaly (std. deviation)

Valid for Sun 05/11/2025, 02:30pm IST

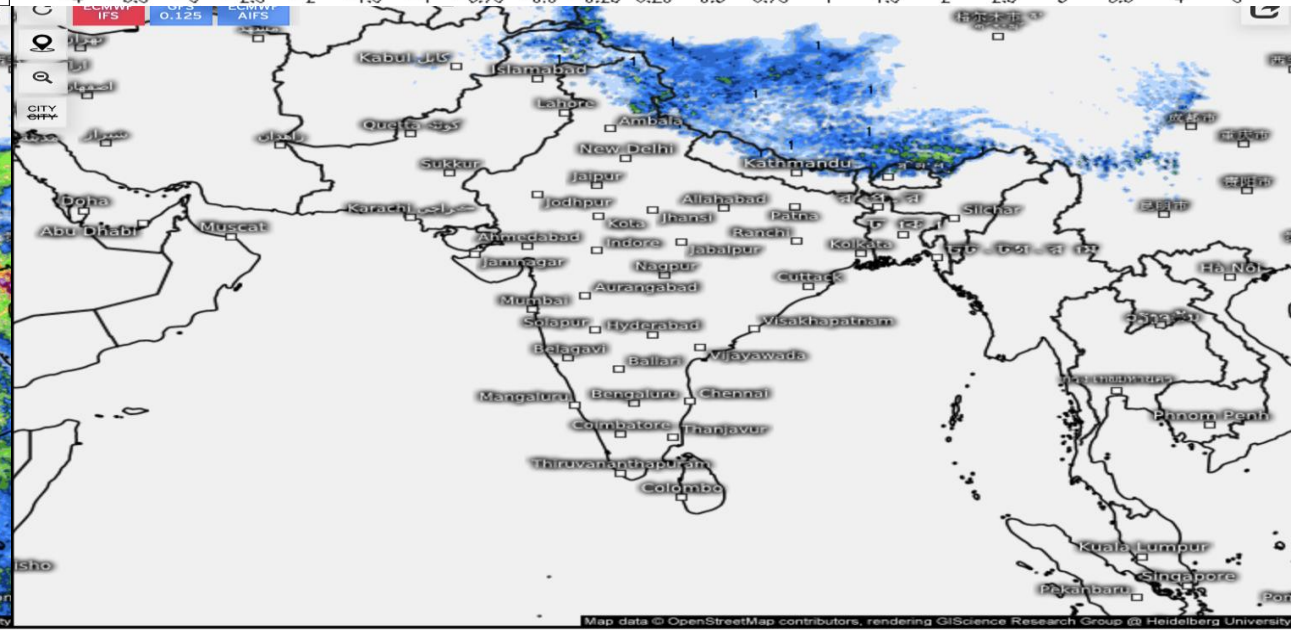
−4 −3.5 −3 −2.5 −2 −1.5 −1 −0.75 −0.5 −0.25 0.25 0.5 0.75 1 1.5 2 2.5 3 3.5 4 5



Precipitation, 24h (mm)

Valid for Sun 05/11/2025, 05:30am IST

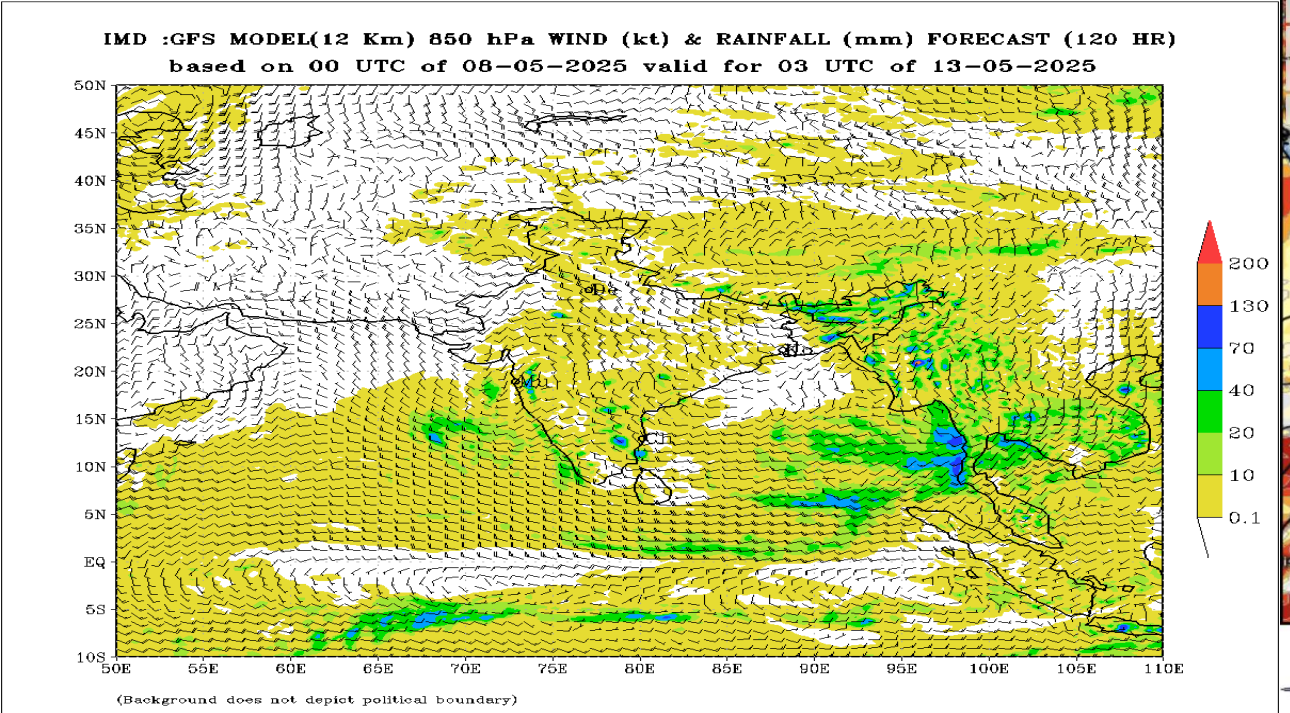
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300

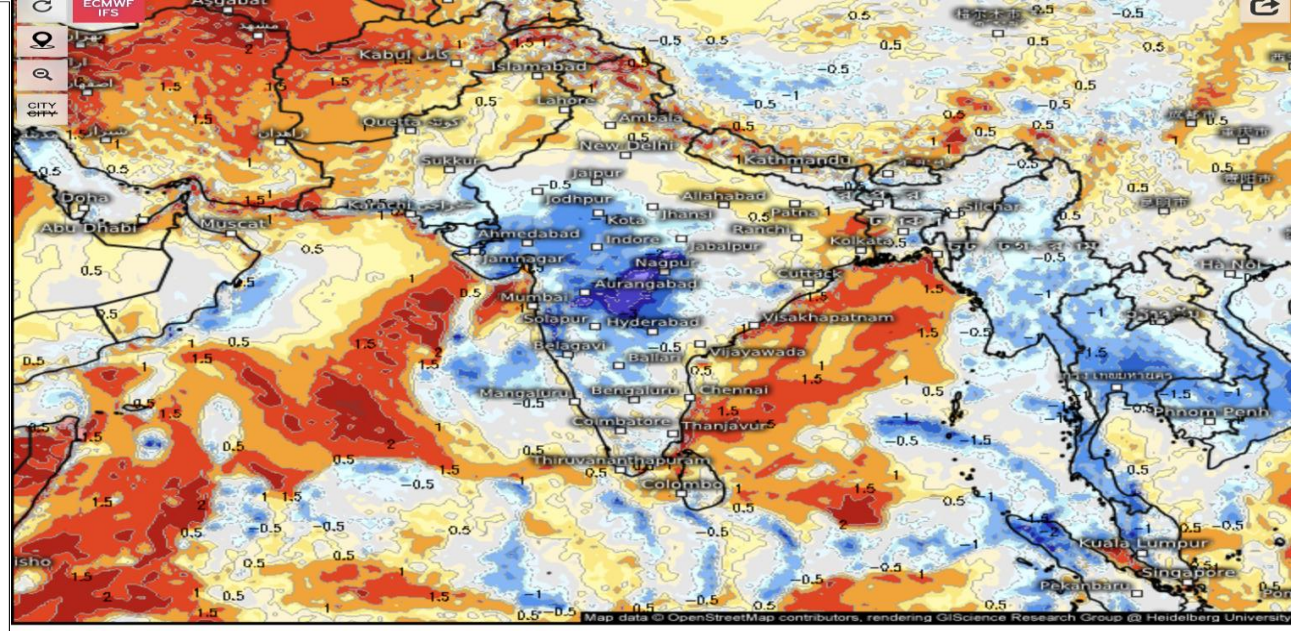


Precipitation, 24h (Snow) (mm)

Valid for Sun 05/11/2025, 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

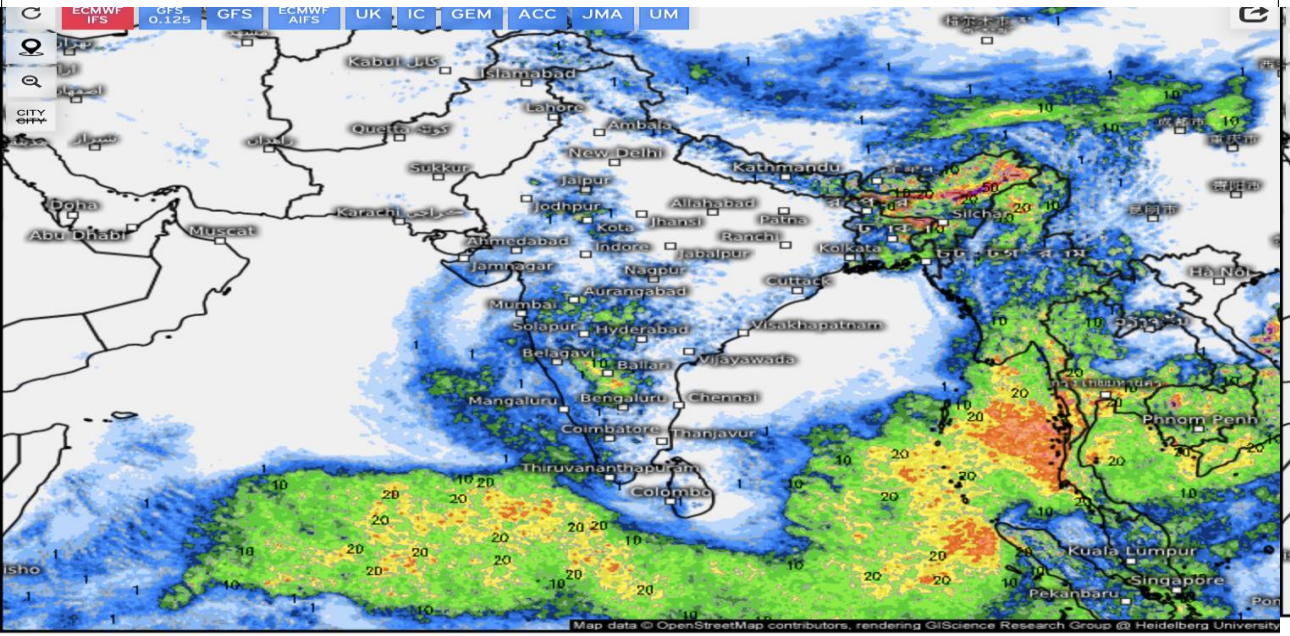




Temperature anomaly (std. deviation)

Valid for
Tue 05/13/2025, 02:30pm IST

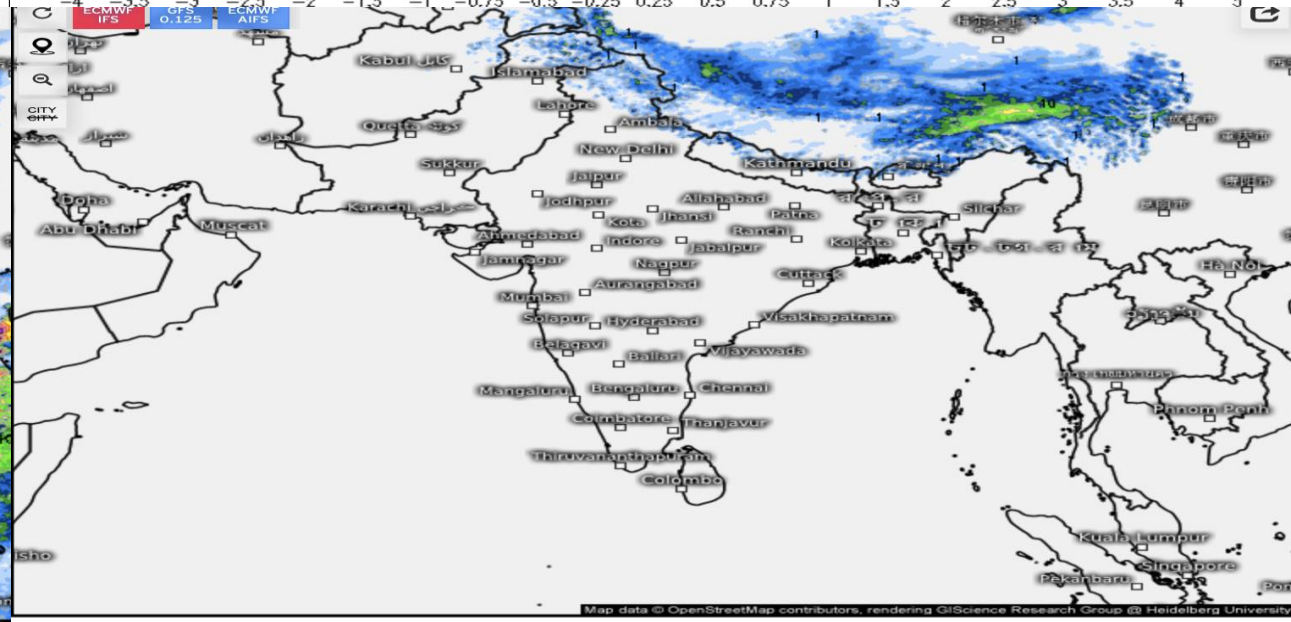
−4 −3.5 −3 −2.5 −2 −1.5 −1 −0.75 −0.5 −0.25 0.25 0.5 0.75 1 1.5 2 2.5 3 3.5 4 5



Precipitation, 24h (mm)

Valid for
Tue 05/13/2025, 05:30am IST

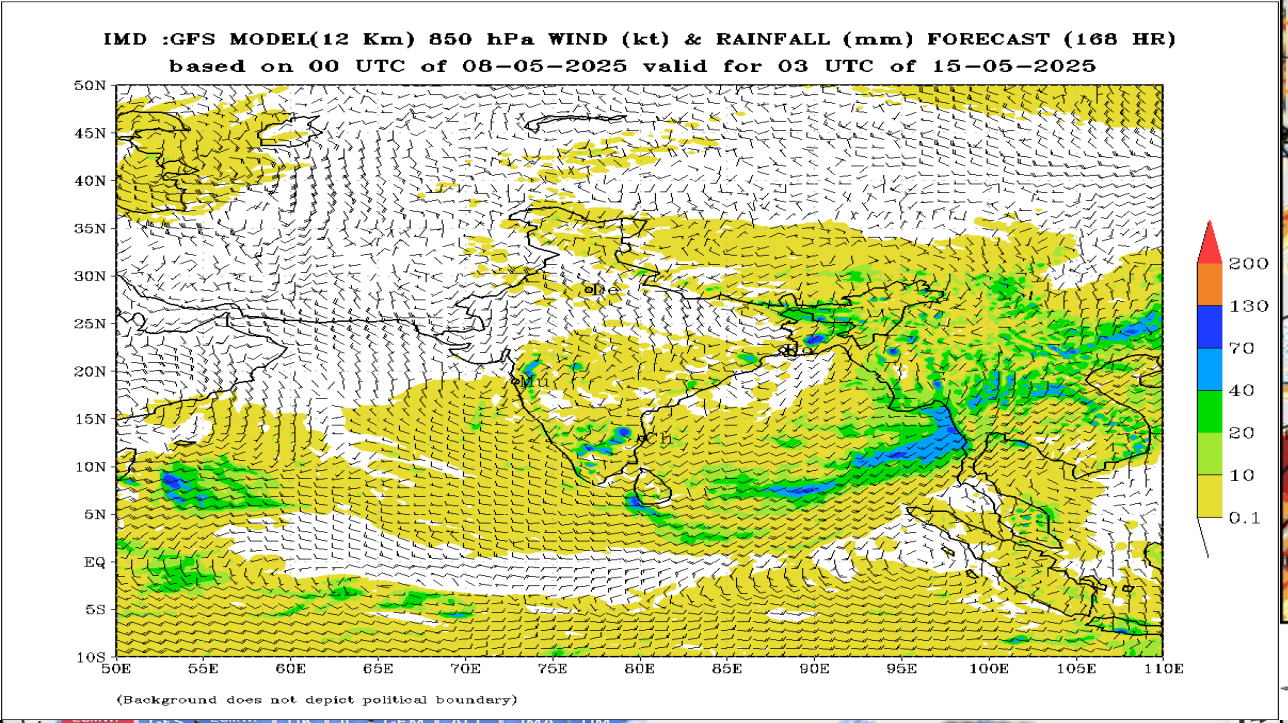
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300



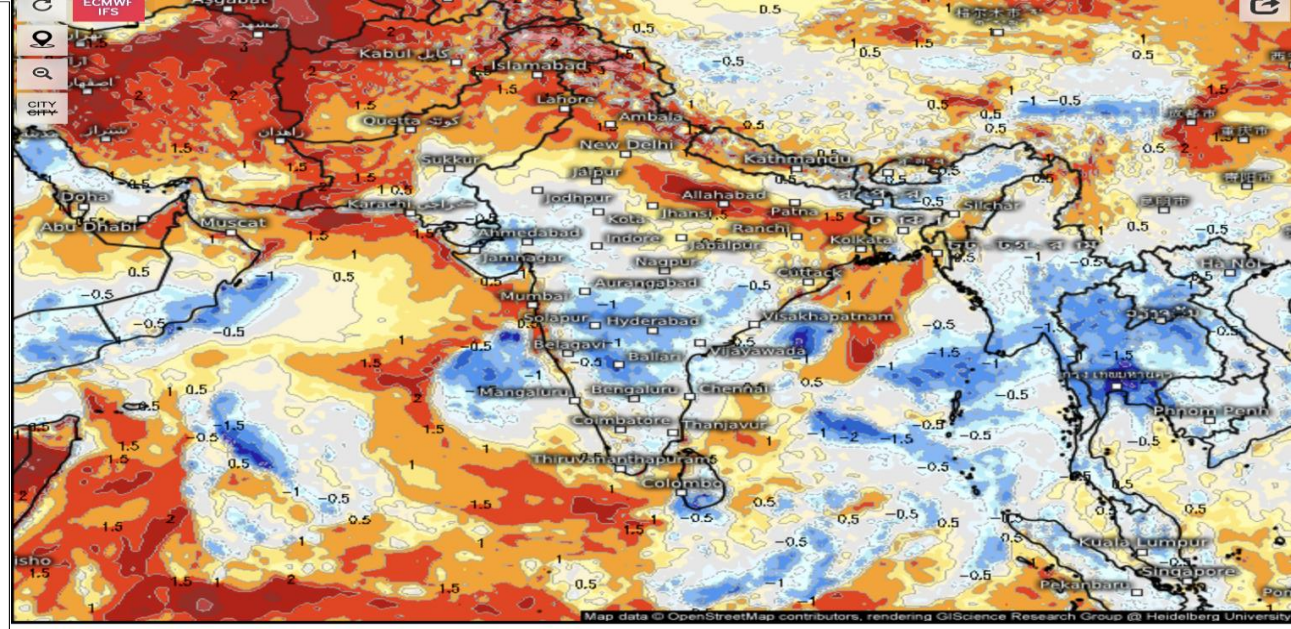
Precipitation, 24h (Snow) (mm)

Valid for
Tue 05/13/2025, 05:30am IST

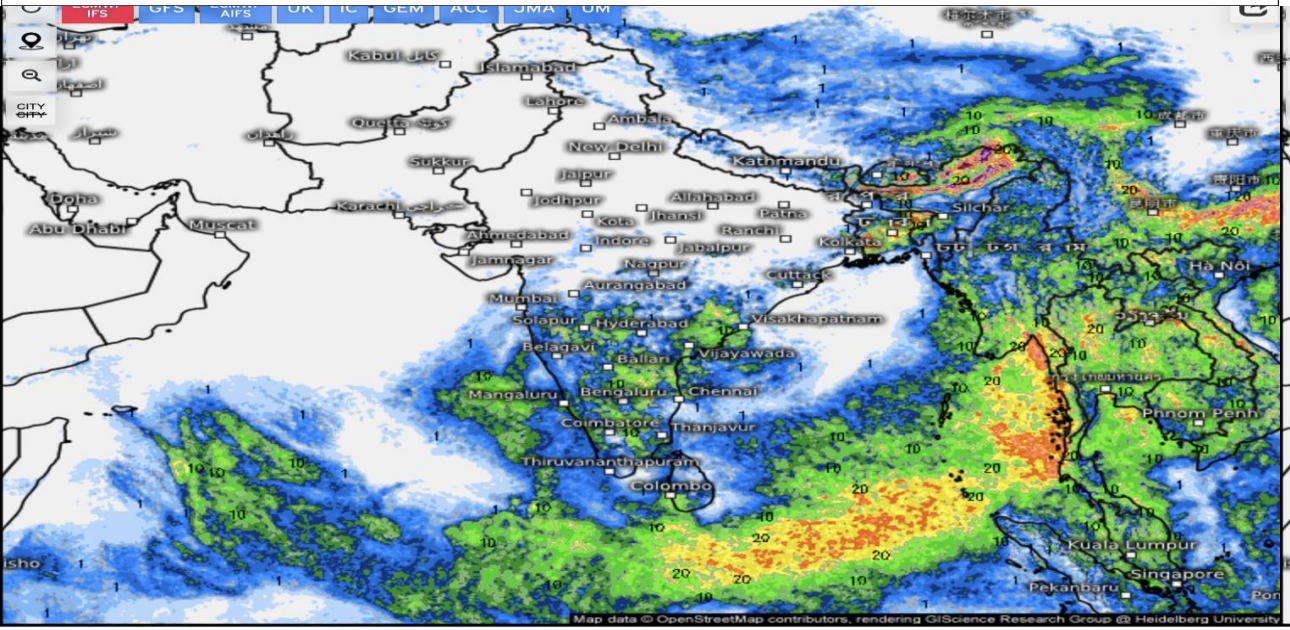
0.1 0.5 1 2 3 5 7 10 15 20 25 30 35 40 45 50 60 70 80 90 100 125 150 200 300


IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (168 HR)
based on 00 UTC of 08-05-2025 valid for 03 UTC of 15-05-2025

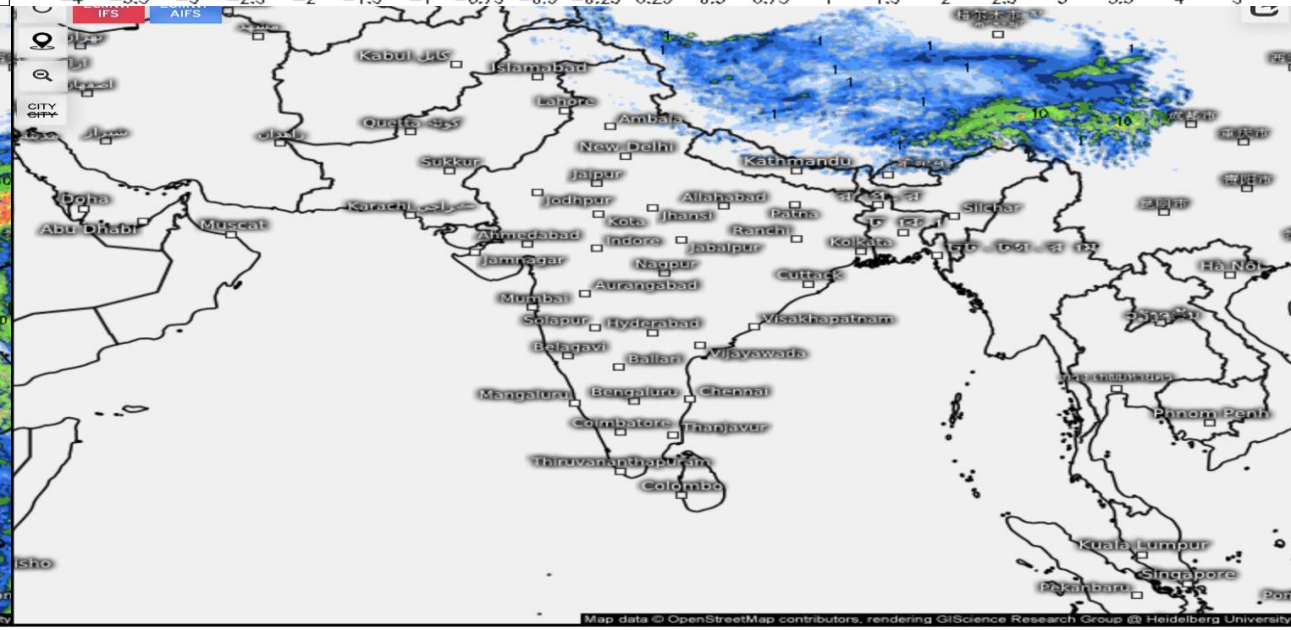
(Background does not depict political boundary)


Temperature anomaly (std. deviation)

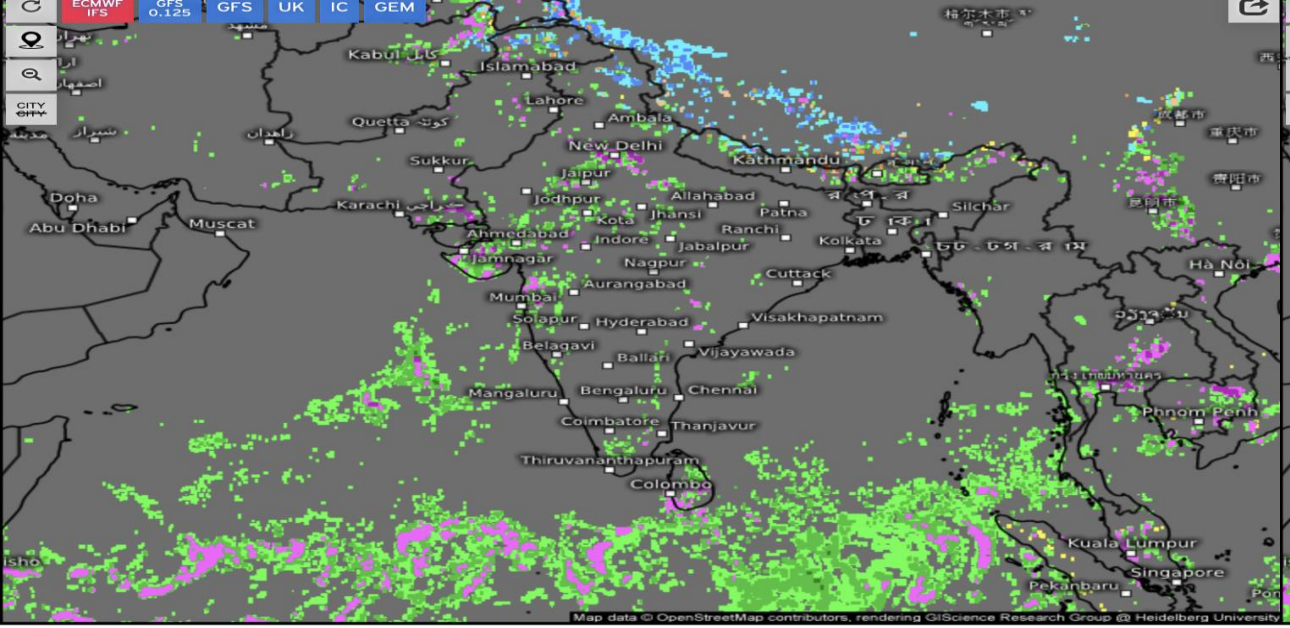
Valid for
Thu 05/15/2025, 11:30am IST


Precipitation, 24h (mm)

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


Precipitation, 24h (Snow) (mm)

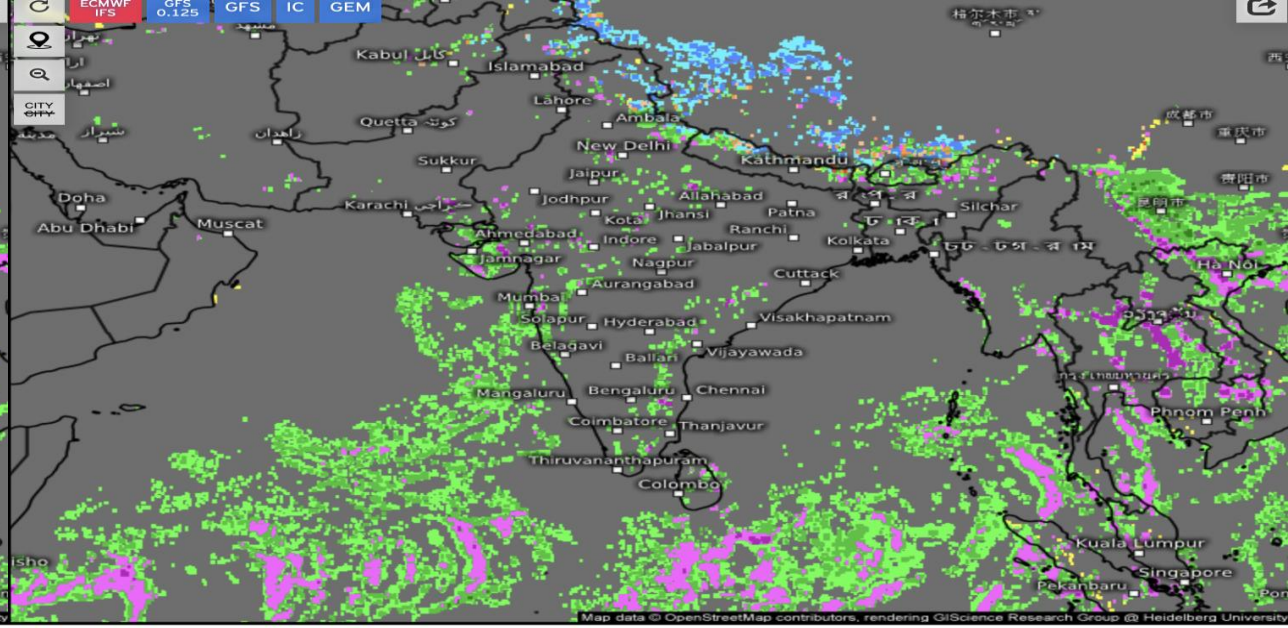
Valid for
Thu 05/15/2025, 05:30am IST



Significant Weather

Valid for
Fri 05/09/2025, 05:30pm IST

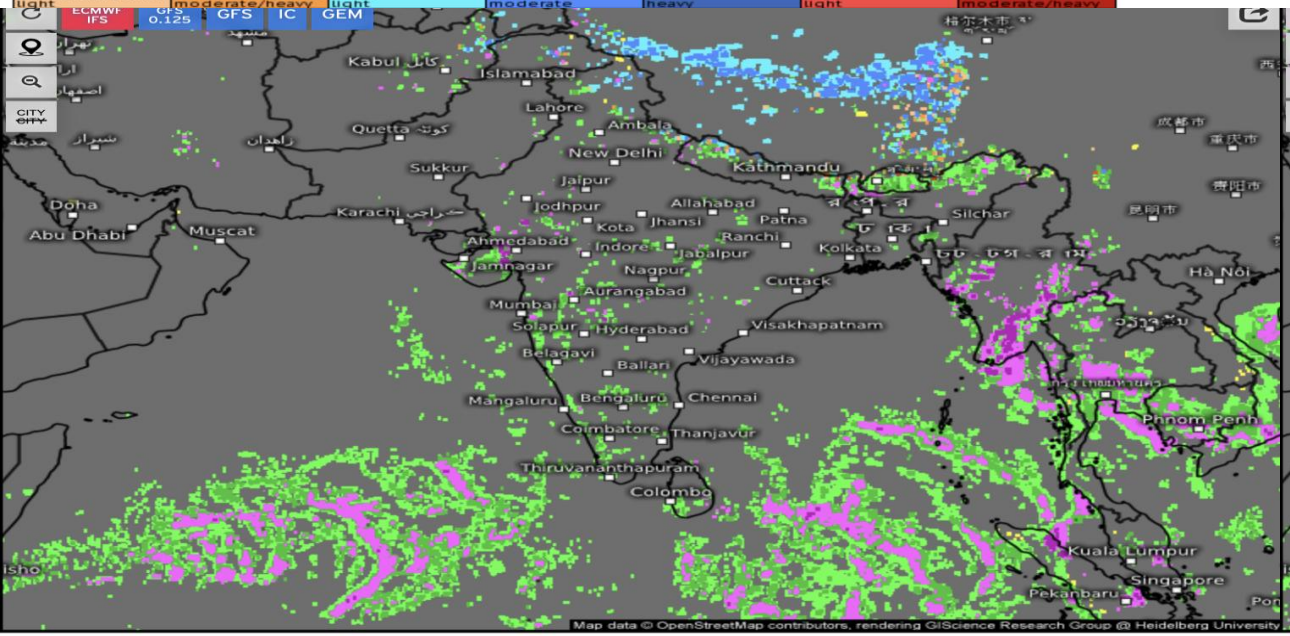
Fog	Fog freezing	Rain light	Rain moderate	Rain heavy	Thunderstorm nearby	Thunderstorm light/moderate	Thunderstorm severe
Mixed Rain/Snow light	Mixed Rain/Snow moderate/heavy	Snow light	Snow moderate	Snow heavy	Ice light	Ice moderate/heavy	



Significant Weather

Valid for
Sat 05/10/2025, 05:30pm IST

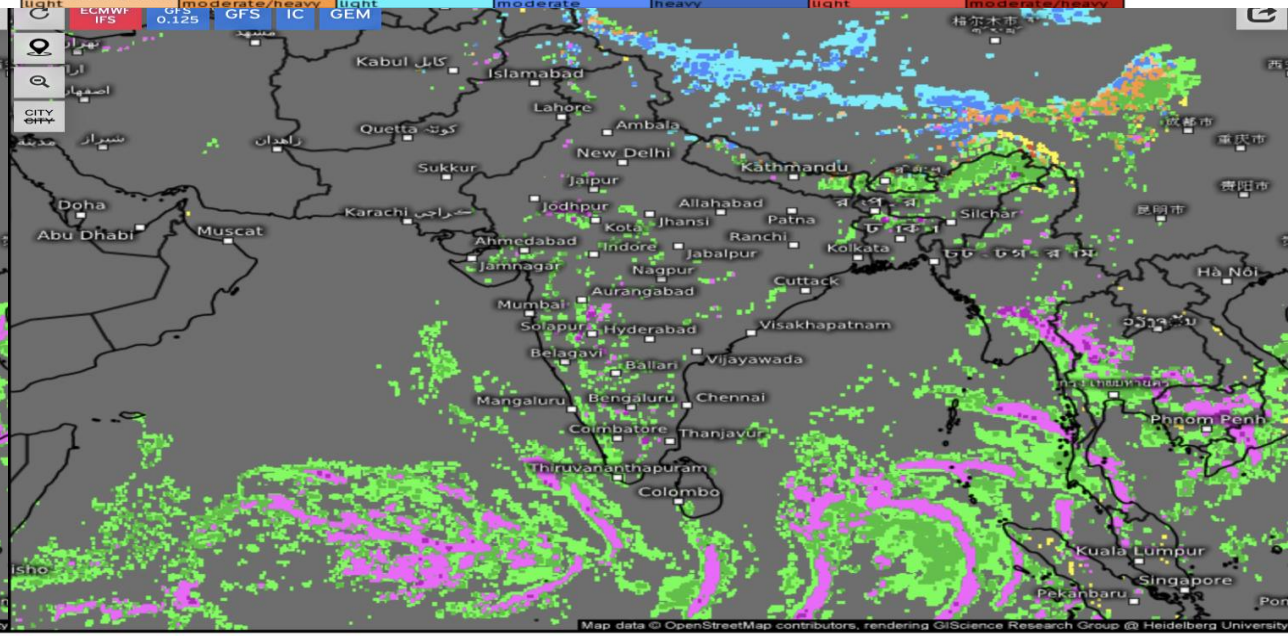
Fog	Fog freezing	Rain light	Rain moderate	Rain heavy	Thunderstorm nearby	Thunderstorm light/moderate	Thunderstorm severe
Mixed Rain/Snow light	Mixed Rain/Snow moderate/heavy	Snow light	Snow moderate	Snow heavy	Ice light	Ice moderate/heavy	



Significant Weather

Valid for
Sun 05/11/2025, 05:30pm IST

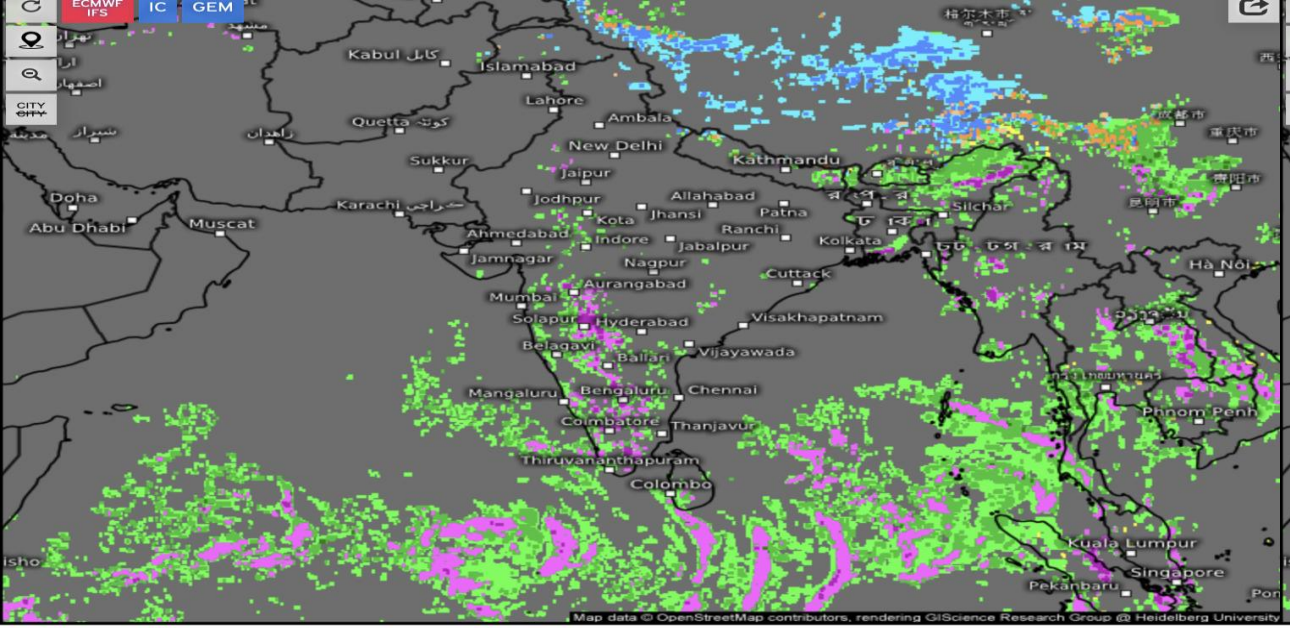
Fog	Fog freezing	Rain light	Rain moderate	Rain heavy	Thunderstorm nearby	Thunderstorm light/moderate	Thunderstorm severe
Mixed Rain/Snow light	Mixed Rain/Snow moderate/heavy	Snow light	Snow moderate	Snow heavy	Ice light	Ice moderate/heavy	



Significant Weather

Valid for
Mon 05/12/2025, 05:30pm IST

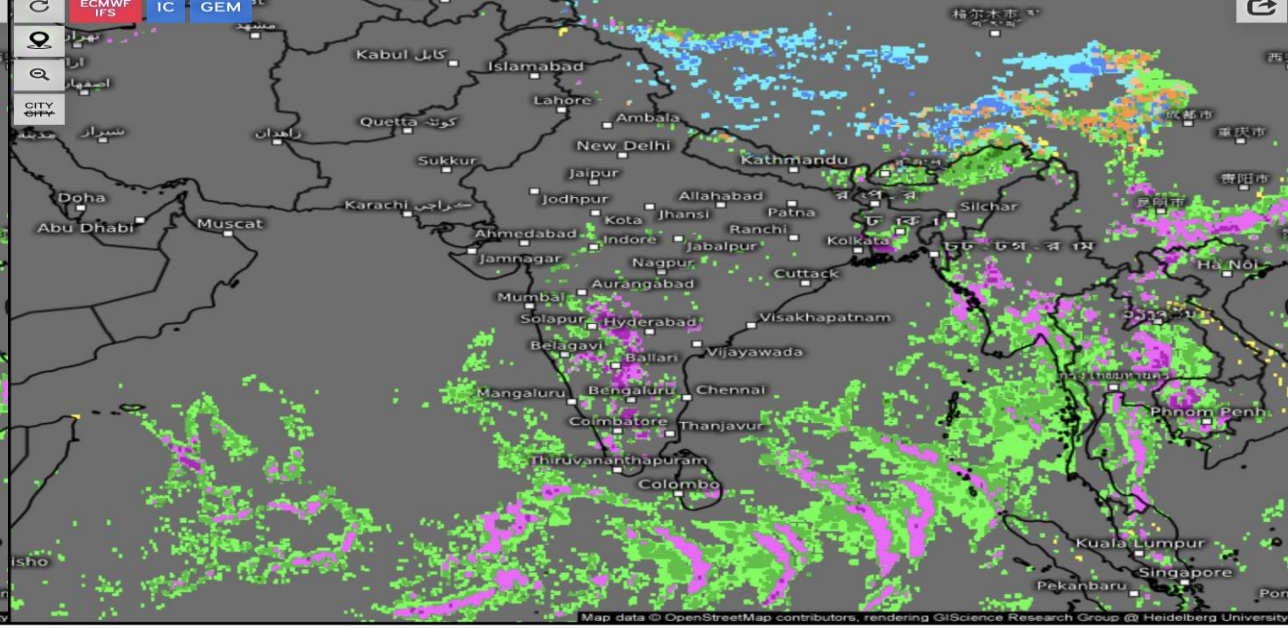
Fog	Fog freezing	Rain light	Rain moderate	Rain heavy	Thunderstorm nearby	Thunderstorm light/moderate	Thunderstorm severe
Mixed Rain/Snow light	Mixed Rain/Snow moderate/heavy	Snow light	Snow moderate	Snow heavy	Ice light	Ice moderate/heavy	



Significant Weather

Valid for
Tue 05/13/2025, 05:30pm IST

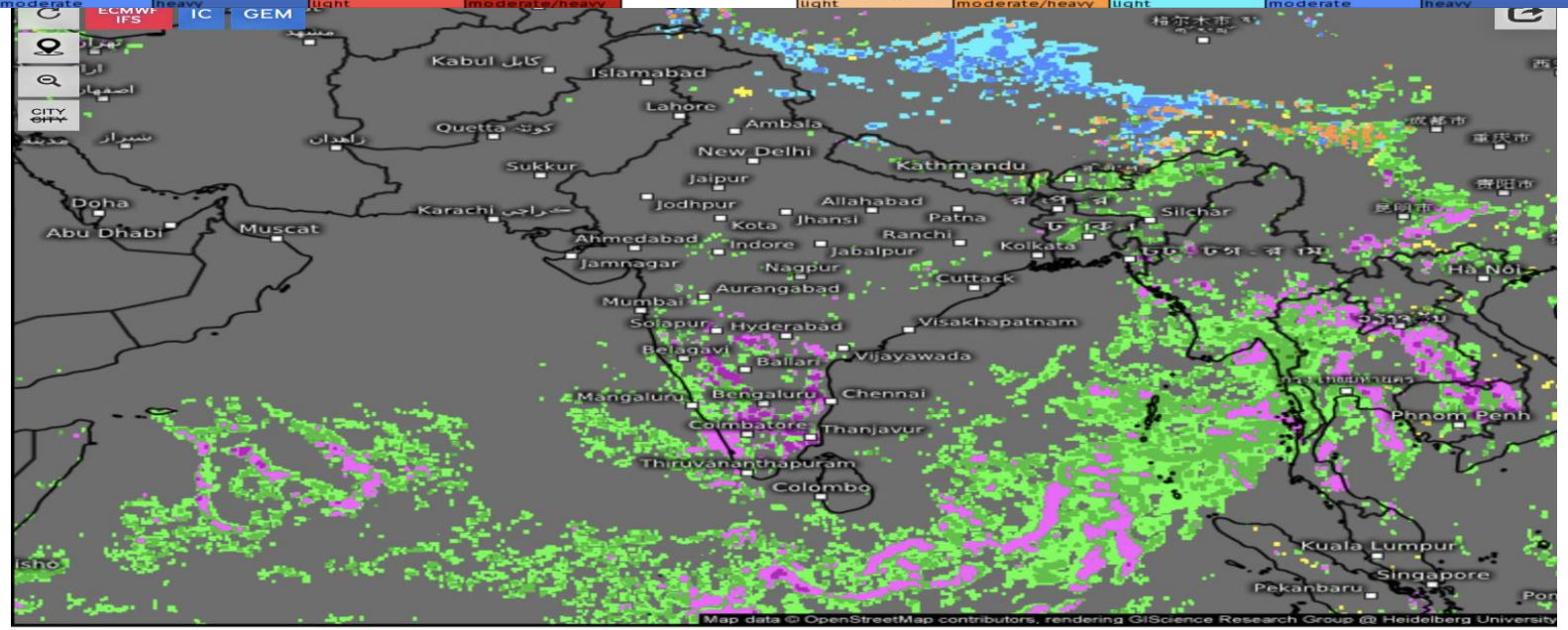
Fog	Fog freezing	Rain light	Rain moderate	Rain heavy	Thunderstorm nearby	Thunderstorm light/moderate	Thunderstorm severe
Mixed Rain/Snow light	Mixed Rain/Snow moderate/heavy	Snow light	Snow moderate	Snow heavy	Ice light	Ice moderate/heavy	



Significant Weather

Valid for
Wed 05/14/2025, 05:30pm IST

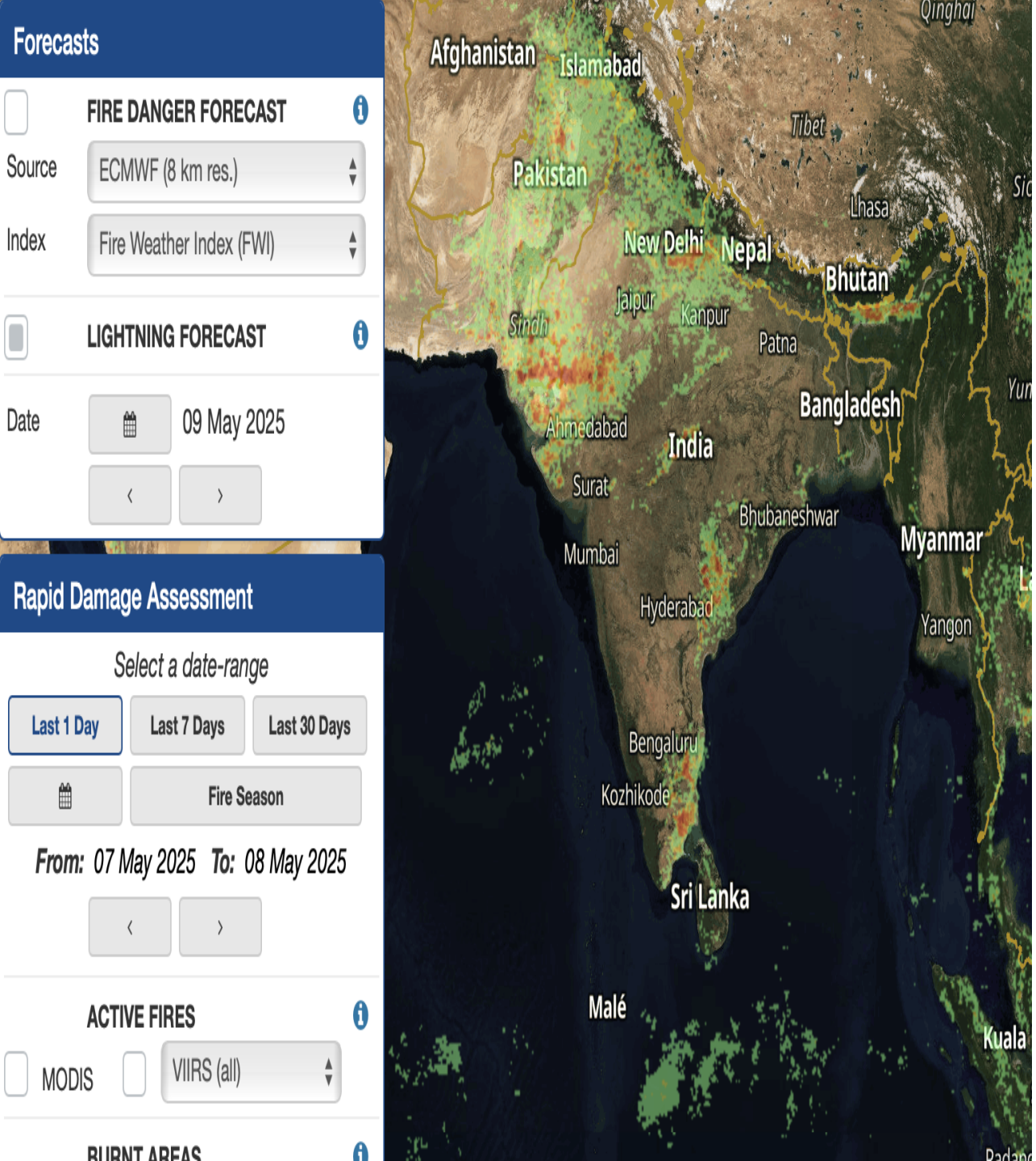
Fog	Fog freezing	Rain light	Rain moderate	Rain heavy	Thunderstorm nearby	Thunderstorm light/moderate	Thunderstorm severe
Mixed Rain/Snow light	Mixed Rain/Snow moderate/heavy	Snow light	Snow moderate	Snow heavy	Ice light	Ice moderate/heavy	

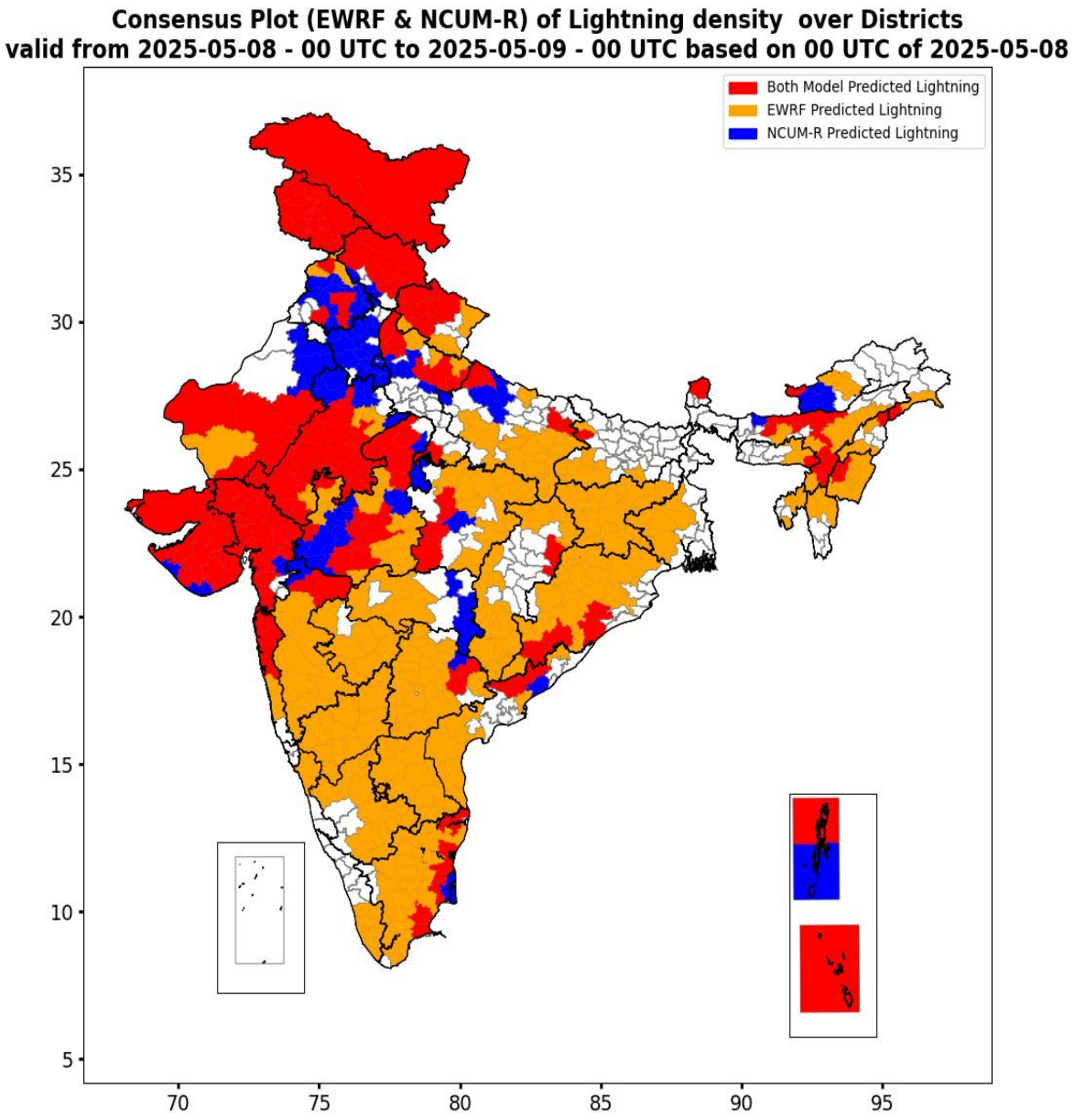


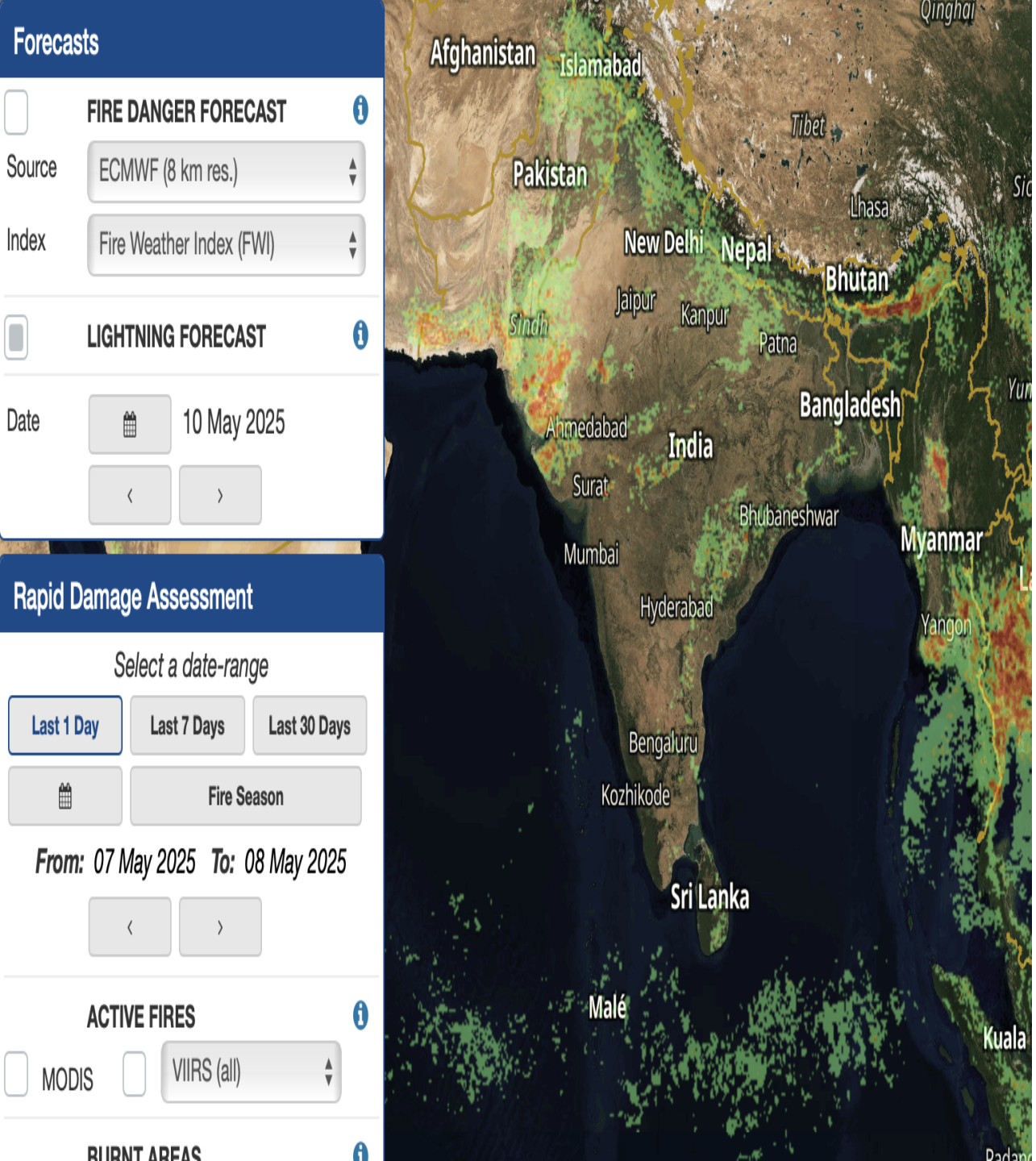
Significant Weather

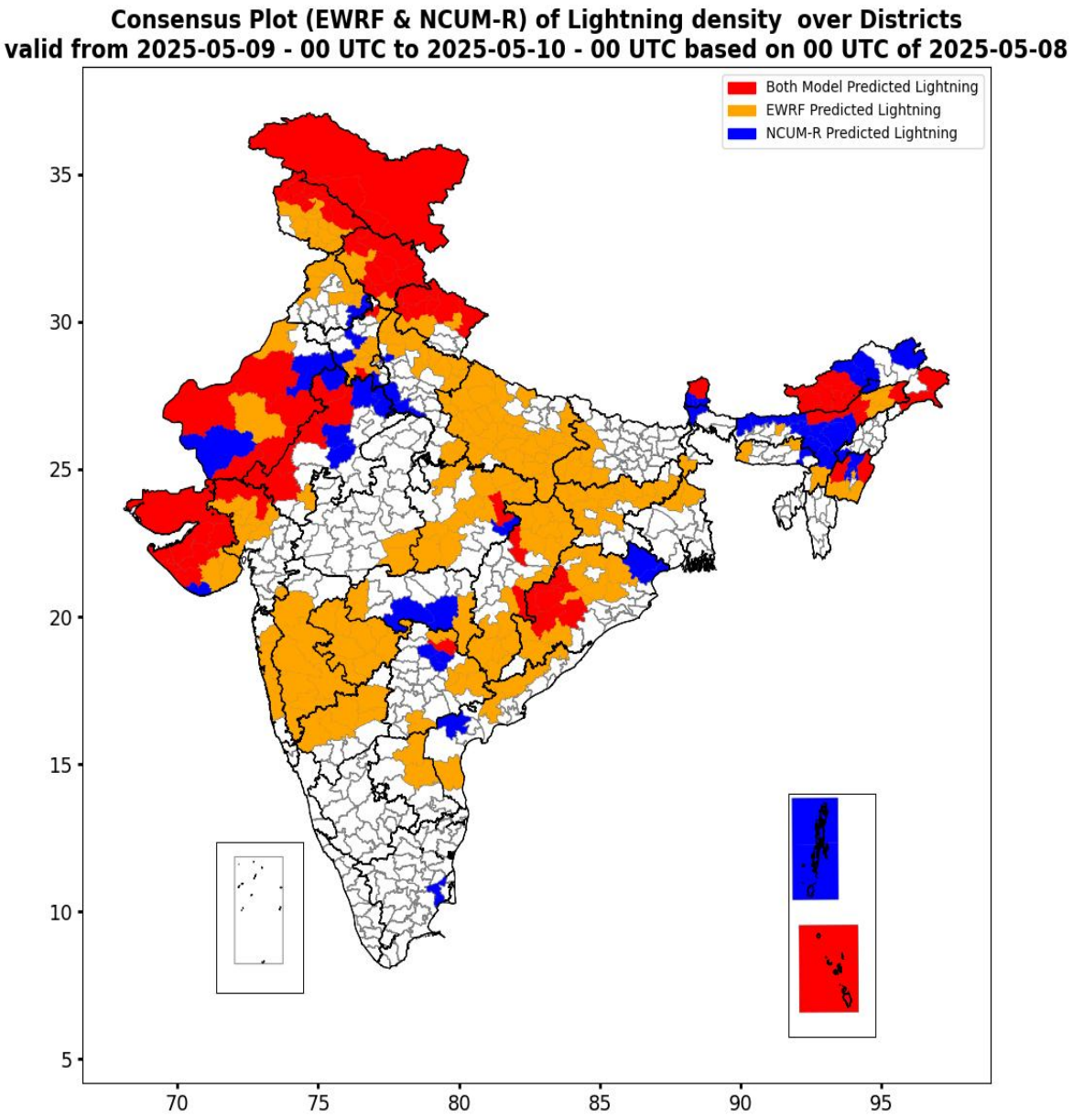
Valid for
Thu 05/15/2025, 05:30pm IST

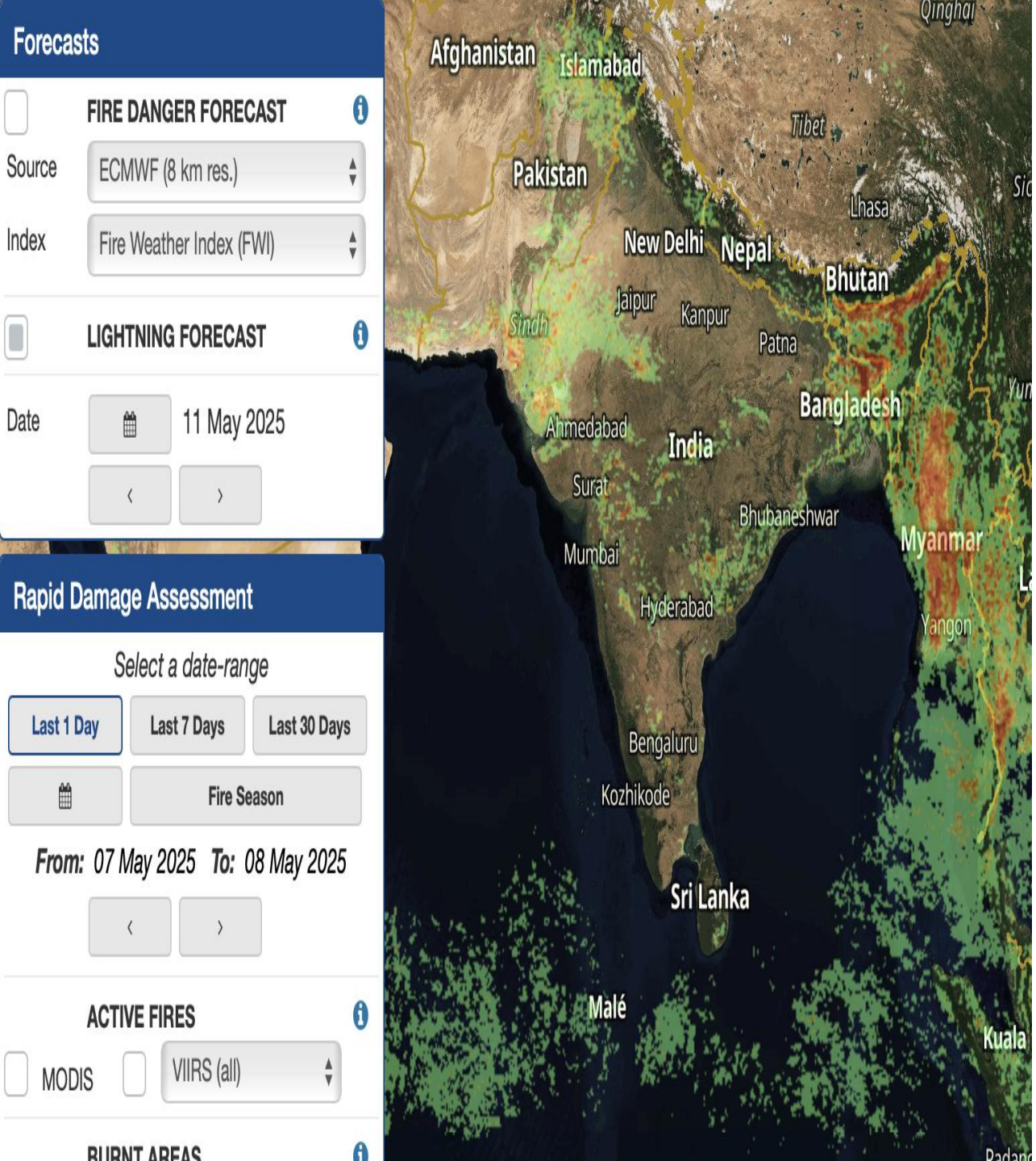
Fog	Fog freezing	Rain light	Rain moderate	Rain heavy	Thunderstorm nearby	Thunderstorm light/moderate	Thunderstorm severe
Mixed Rain/Snow light	Mixed Rain/Snow moderate/heavy	Snow light	Snow moderate	Snow heavy	Ice light	Ice moderate/heavy	

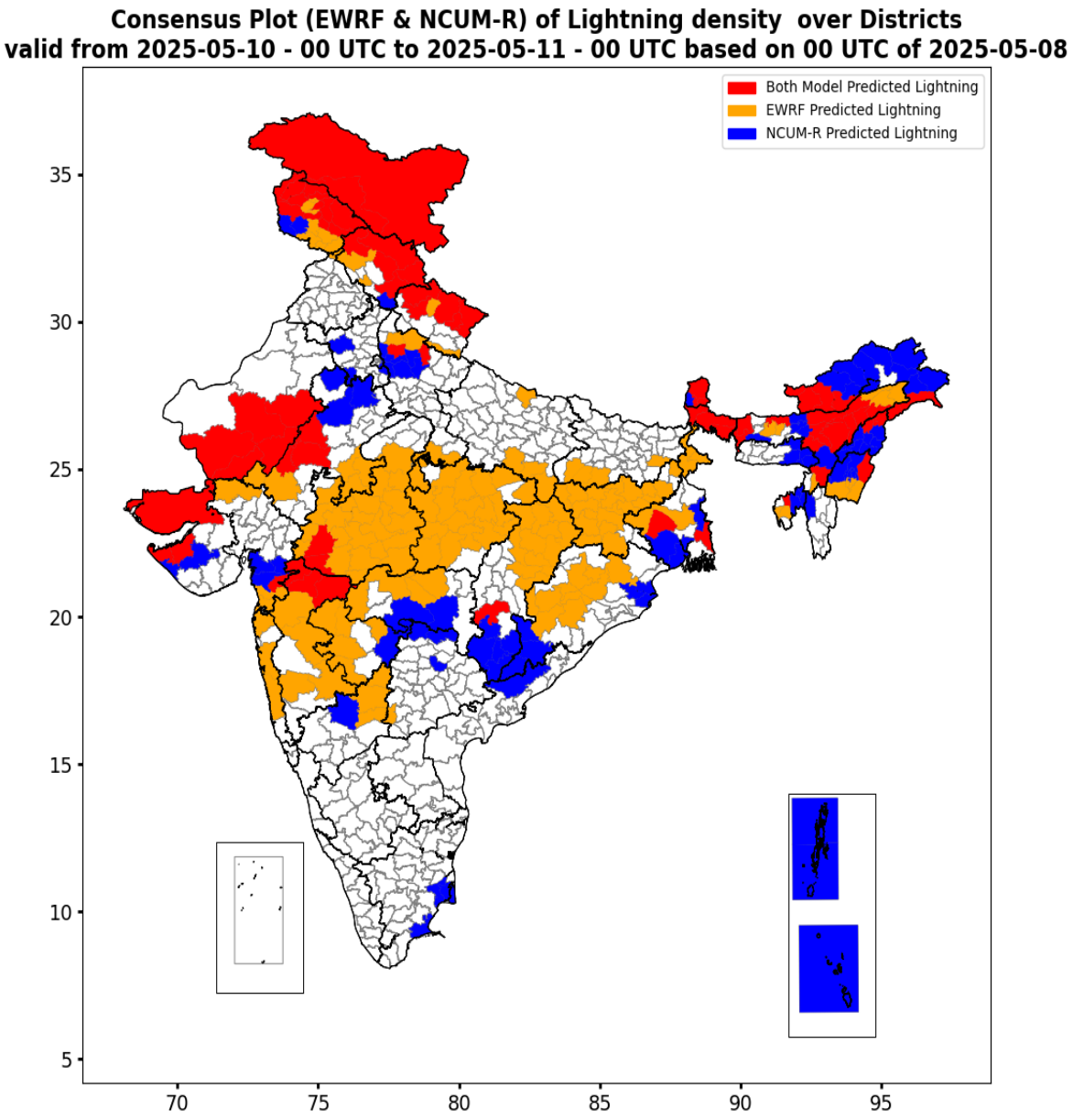

Forecasts
FIRE DANGER FORECAST
Source
ECMWF (8 km res.)
Index
Fire Weather Index (FWI)
LIGHTNING FORECAST
Date
09 May 2025
Rapid Damage Assessment
Select a date-range
Last 1 Day
Last 7 Days
Last 30 Days
Fire Season
From: 07 May 2025 To: 08 May 2025
ACTIVE FIRES
MODIS
VIIRS (all)
BURNT AREAS
Afghanistan
Islamabad
Tibet
Pakistan
Lhasa
New Delhi
Nepal
Bhutan
Jaipur
Kanpur
Sindh
Patna
Bangladesh
Ahmedabad
India
Surat
Bhubaneshwar
Myanmar
Mumbai
Hyderabad
Yangon
Bengaluru
Kozhikode
Sri Lanka
Malé
Kuala

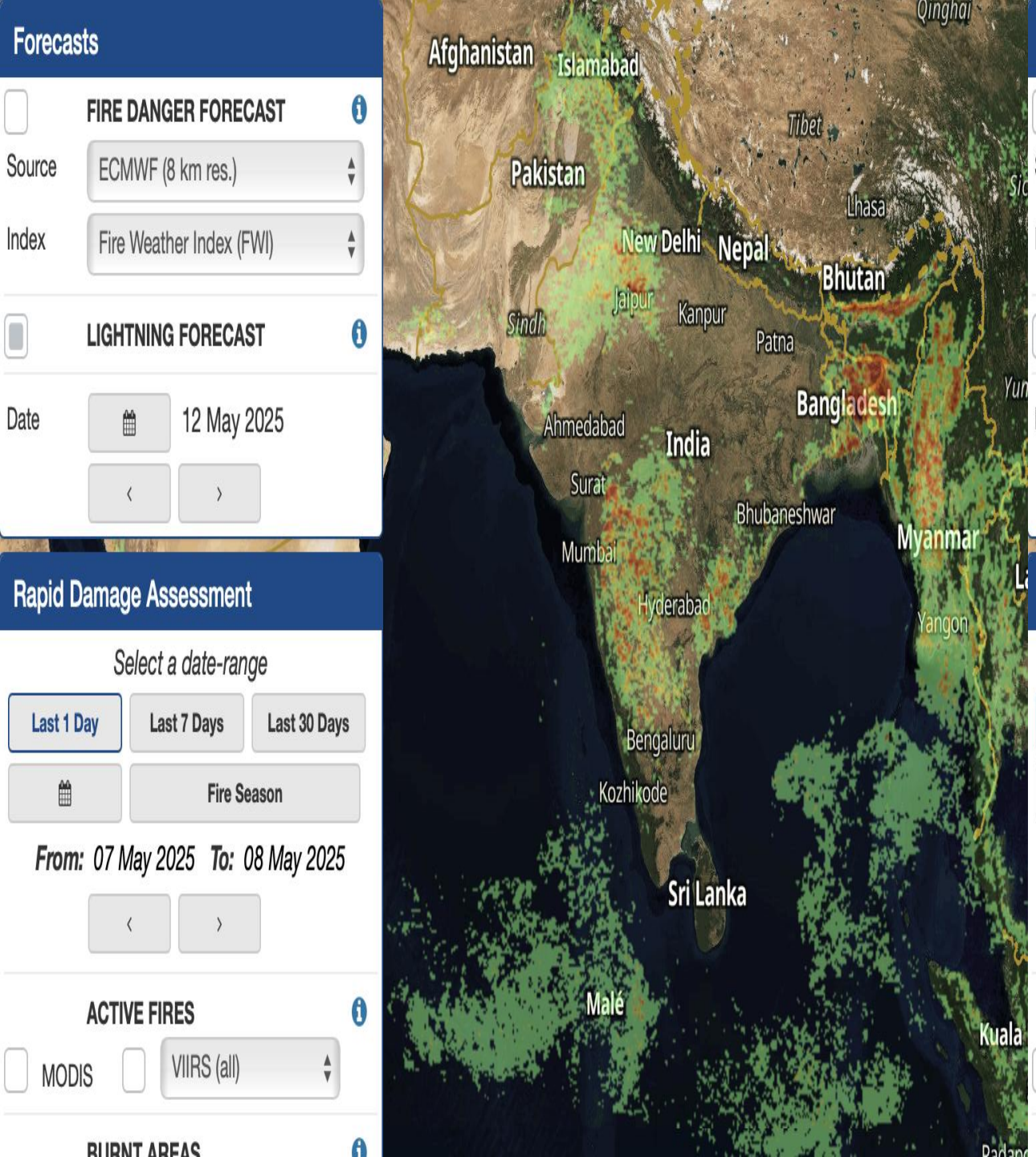

Consensus Plot (EWRF & NCUM-R) of Lightning density over Districts
valid from 2025-05-08 - 00 UTC to 2025-05-09 - 00 UTC based on 00 UTC of 2025-05-08
Both Model Predicted Lightning
EWRF Predicted Lightning
NCUM-R Predicted Lightning
35
30
25
20
15
10
5
70
75
80
85
90
95

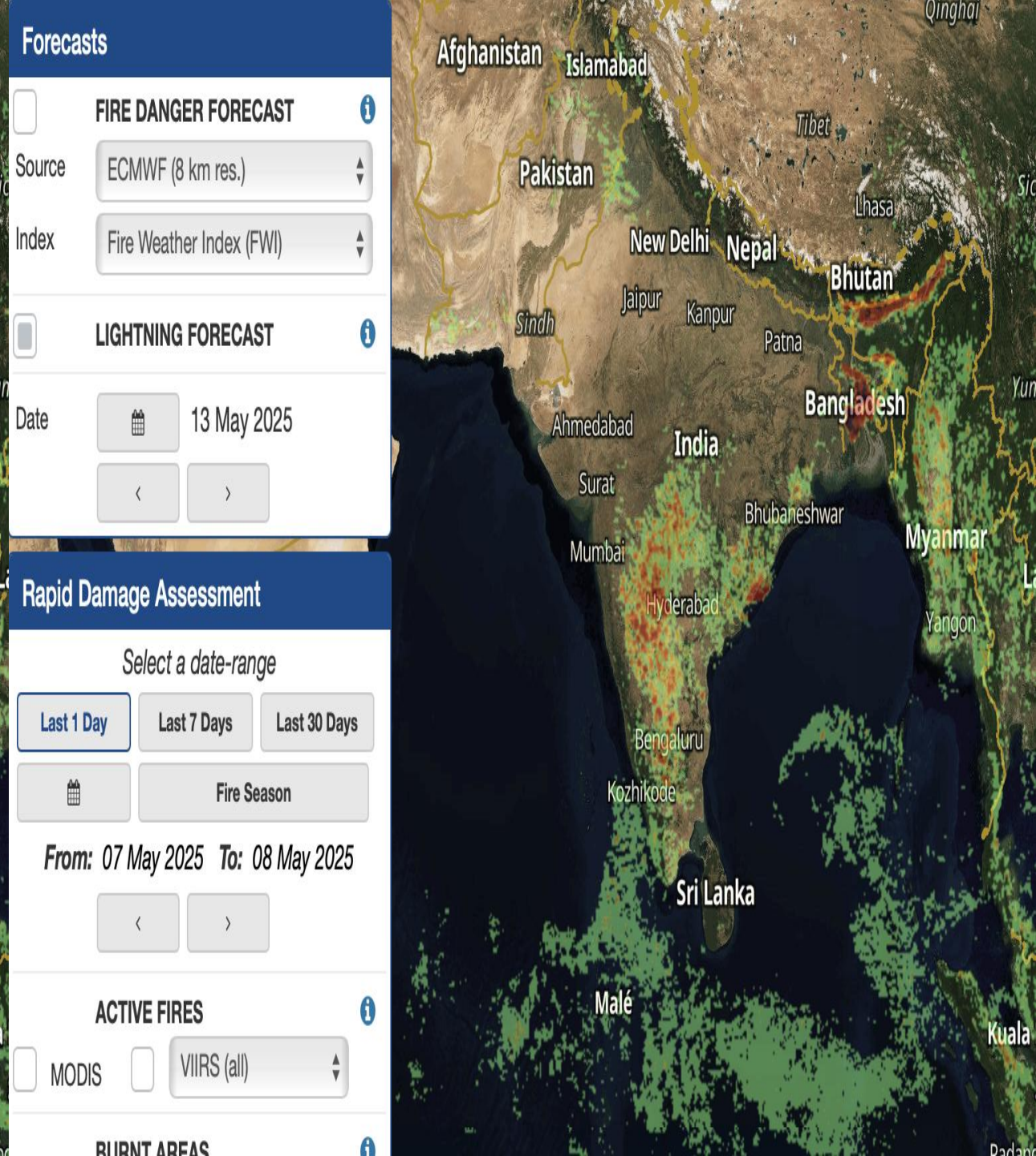

Forecasts
FIRE DANGER FORECAST
Source
ECMWF (8 km res.)
Index
Fire Weather Index (FWI)
LIGHTNING FORECAST
Date
10 May 2025
Rapid Damage Assessment
Select a date-range
Last 1 Day
Last 7 Days
Last 30 Days
Fire Season
From: 07 May 2025 To: 08 May 2025
ACTIVE FIRES
MODIS
VIIRS (all)
BURNT AREAS
Afghanistan
Islamabad
Pakistan
Tibet
Lhasa
New Delhi
Nepal
Bhutan
Jaipur
Kanpur
Sindh
Patna
Bangladesh
Ahmedabad
India
Surat
Bhubaneshwar
Myanmar
Mumbai
Hyderabad
Yangon
Bengaluru
Kozhikode
Sri Lanka
Malé
Kuala

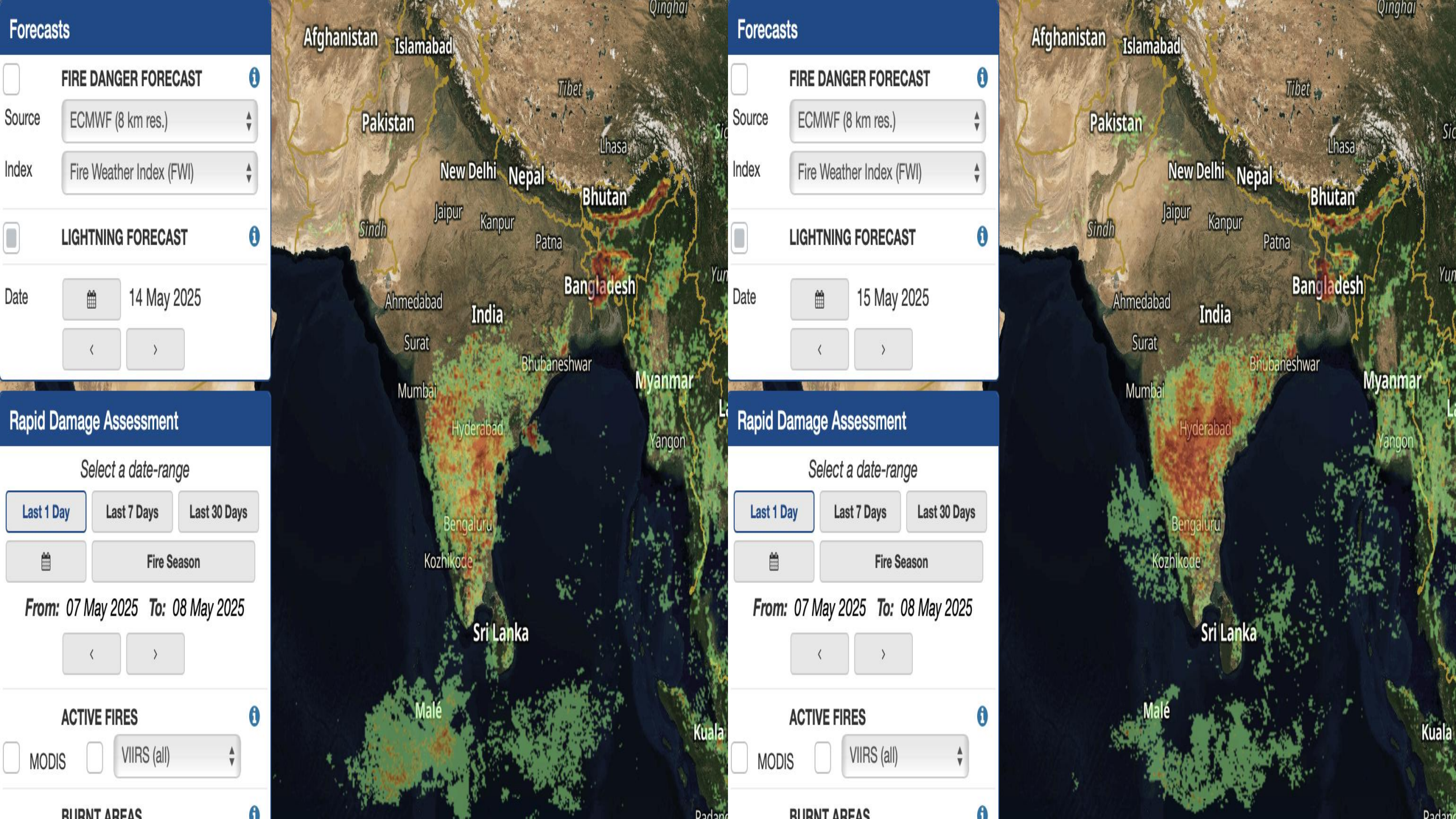

Consensus Plot (EWRF & NCUM-R) of Lightning density over Districts
valid from 2025-05-09 - 00 UTC to 2025-05-10 - 00 UTC based on 00 UTC of 2025-05-08
Both Model Predicted Lightning
EWRF Predicted Lightning
NCUM-R Predicted Lightning
35
30
25
20
15
10
5
70
75
80
85
90
95

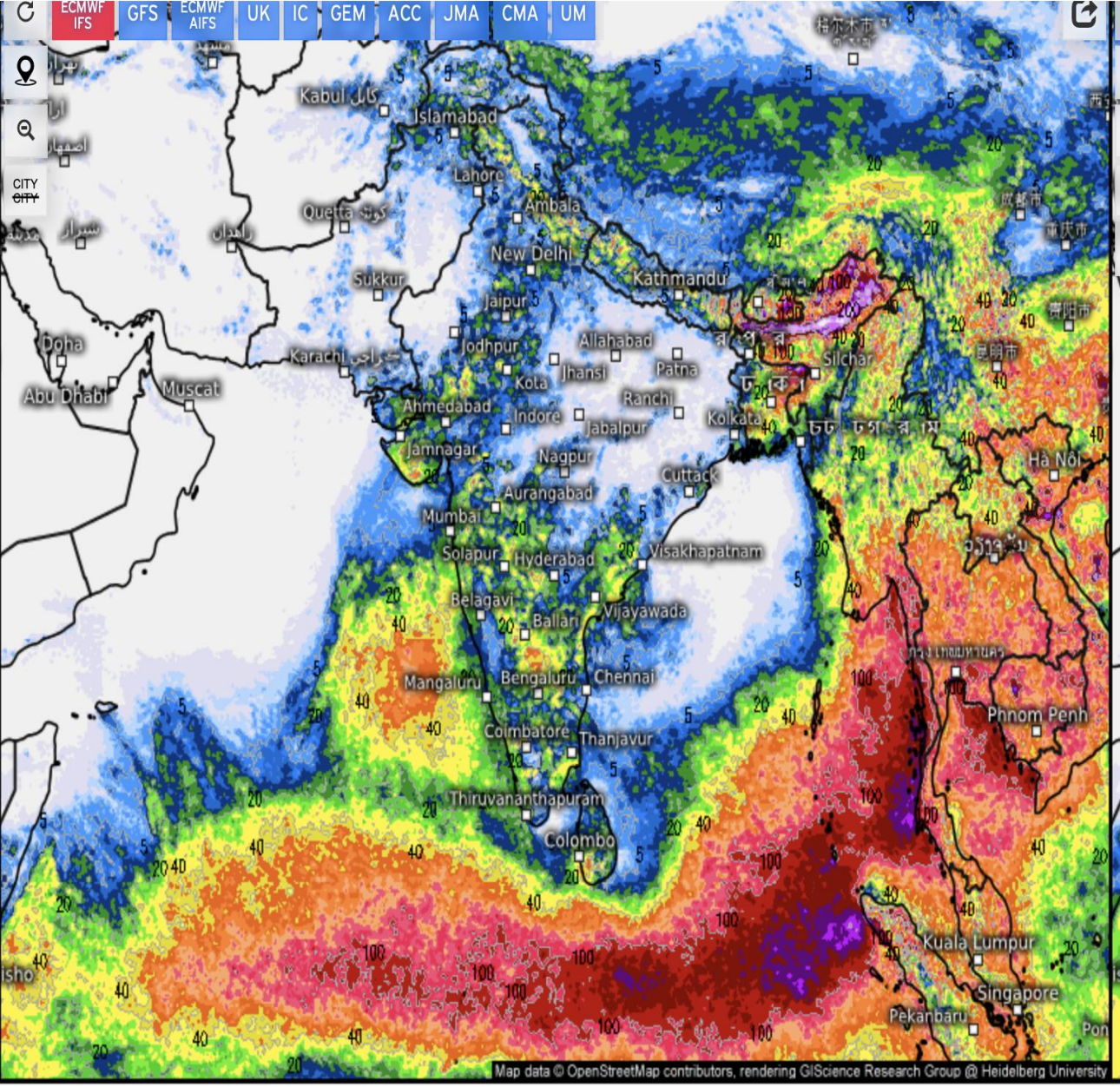

Forecasts
FIRE DANGER FORECAST
Source
ECMWF (8 km res.)
Index
Fire Weather Index (FWI)
LIGHTNING FORECAST
Date
11 May 2025
Rapid Damage Assessment
Select a date-range
Last 1 Day
Last 7 Days
Last 30 Days
Fire Season
From: 07 May 2025 To: 08 May 2025
ACTIVE FIRES
MODIS
VIIRS (all)
BURNT AREAS
Afghanistan
Islamabad
Pakistan
Tibet
Lhasa
New Delhi
Nepal
Bhutan
Jaipur
Kanpur
Sindh
Patna
Bangladesh
Ahmedabad
India
Surat
Bhubaneshwar
Myanmar
Mumbai
Hyderabad
Yangon
Bengaluru
Kozhikode
Sri Lanka
Malé
Kuala

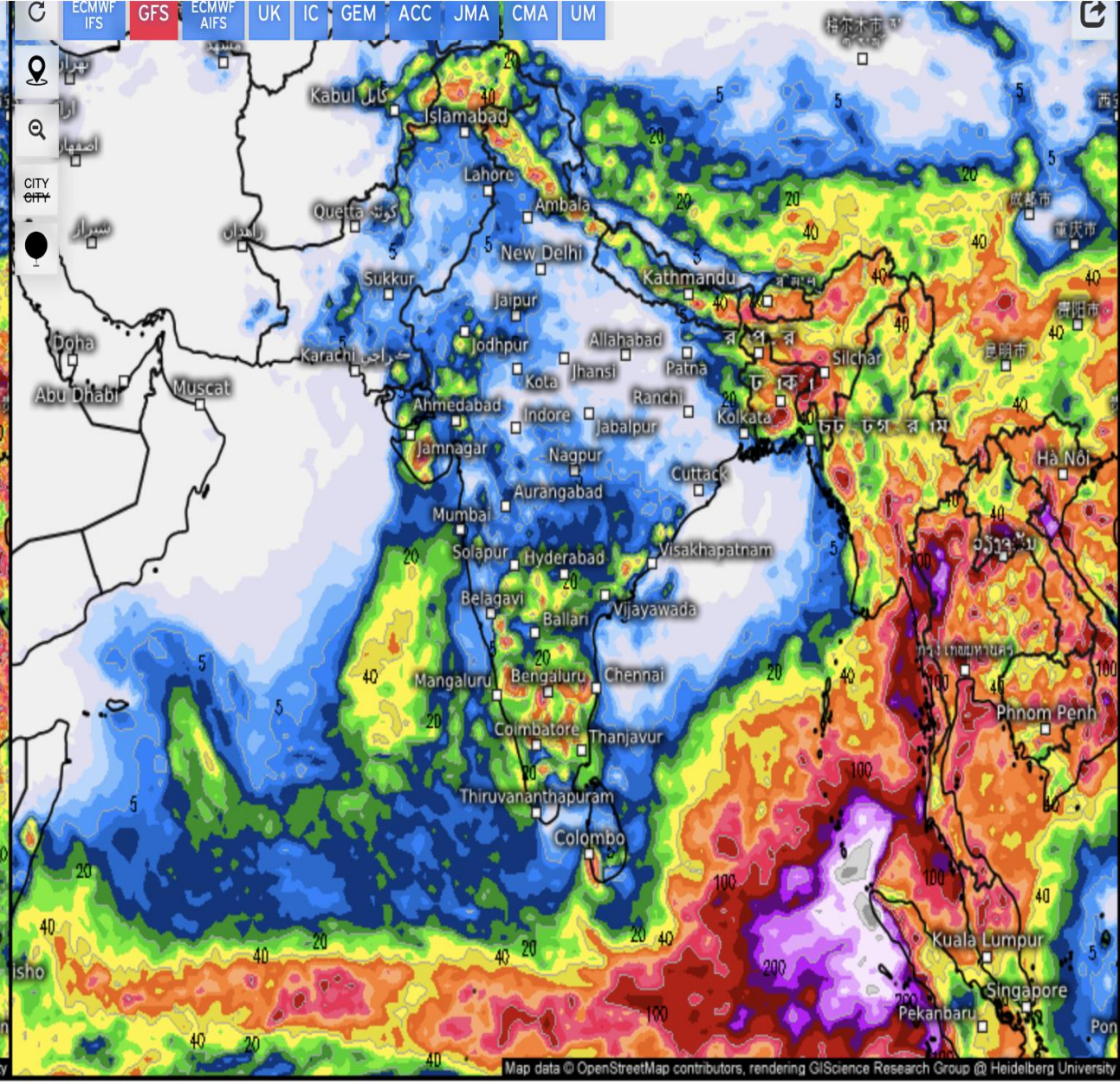

Consensus Plot (EWRF & NCUM-R) of Lightning density over Districts
valid from 2025-05-10 - 00 UTC to 2025-05-11 - 00 UTC based on 00 UTC of 2025-05-08
Both Model Predicted Lightning
EWRF Predicted Lightning
NCUM-R Predicted Lightning
35
30
25
20
15
10
5
70
75
80
85
90
95


Forecasts
FIRE DANGER FORECAST
Source
ECMWF (8 km res.)
Index
Fire Weather Index (FWI)
LIGHTNING FORECAST
Date
12 May 2025
Rapid Damage Assessment
Select a date-range
Last 1 Day
Last 7 Days
Last 30 Days
Fire Season
From: 07 May 2025 To: 08 May 2025
ACTIVE FIRES
MODIS
VIIRS (all)
BURNT AREAS
Afghanistan
Islamabad
Pakistan
Tibet
Lhasa
New Delhi
Nepal
Bhutan
Jaipur
Kanpur
Sindh
Patna
Bangladesh
Ahmedabad
India
Surat
Bhubaneshwar
Mumbai
Myanmar
Hyderabad
Yangon
Bengaluru
Kozhikode
Sri Lanka
Malé
Kuala


Forecasts
FIRE DANGER FORECAST
Source
ECMWF (8 km res.)
Index
Fire Weather Index (FWI)
LIGHTNING FORECAST
Date
13 May 2025
Rapid Damage Assessment
Select a date-range
Last 1 Day
Last 7 Days
Last 30 Days
Fire Season
From: 07 May 2025 To: 08 May 2025
ACTIVE FIRES
MODIS
VIIRS (all)
Afghanistan
Islamabad
Pakistan
Tibet
Lhasa
New Delhi
Nepal
Bhutan
Jaipur
Kanpur
Sindh
Patna
Bangladesh
Ahmedabad
India
Surat
Bhubaneshwar
Mumbai
Myanmar
Hyderabad
Yangon
Bengaluru
Kozhikode
Sri Lanka
Malé
Kuala


Forecasts
FIRE DANGER FORECAST
Source
ECMWF (8 km res.)
Index
Fire Weather Index (FWI)
LIGHTNING FORECAST
Date
14 May 2025
Rapid Damage Assessment
Select a date-range
Last 1 Day
Last 7 Days
Last 30 Days
Fire Season
From: 07 May 2025 To: 08 May 2025
ACTIVE FIRES
MODIS
VIIRS (all)
BURNT AREAS
Forecasts
FIRE DANGER FORECAST
Source
ECMWF (8 km res.)
Index
Fire Weather Index (FWI)
LIGHTNING FORECAST
Date
15 May 2025
Rapid Damage Assessment
Select a date-range
Last 1 Day
Last 7 Days
Last 30 Days
Fire Season
From: 07 May 2025 To: 08 May 2025
ACTIVE FIRES
MODIS
VIIRS (all)
BURNT AREAS
Afghanistan
Islamabad
Tibet
Pakistan
Lhasa
New Delhi
Nepal
Bhutan
Jaipur
Kanpur
Sindh
Patna
Bangladesh
Ahmedabad
India
Surat
Bhubaneshwar
Myanmar
Mumbai
Hyderabad
Yangon
Bengaluru
Kozhikode
Sri Lanka
Malé
Kuala





Accumulated total precipitation (mm)

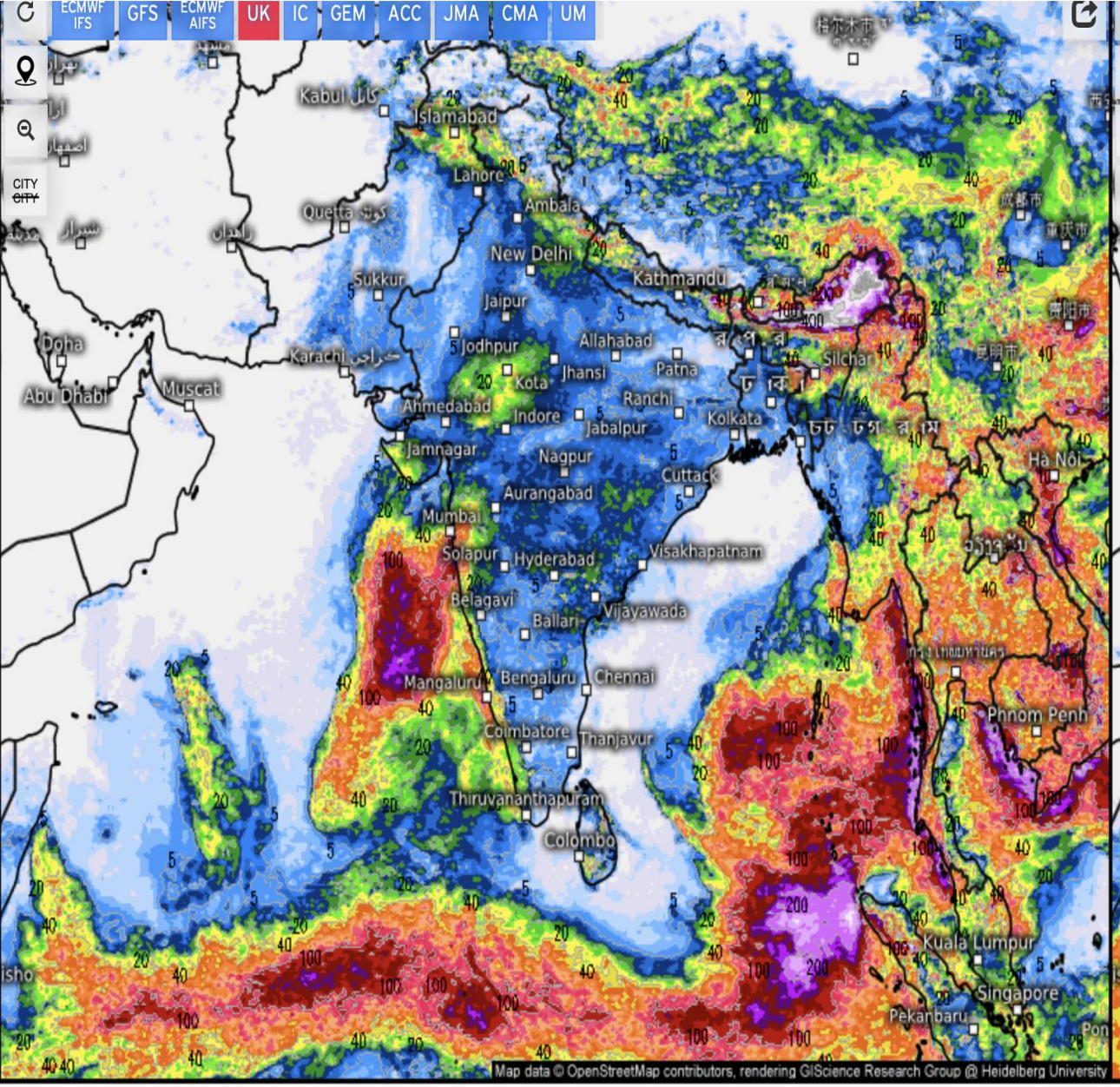
From Thu 05/08/2025, 05:30am IST
to Thu 05/15/2025, 05:30am IST

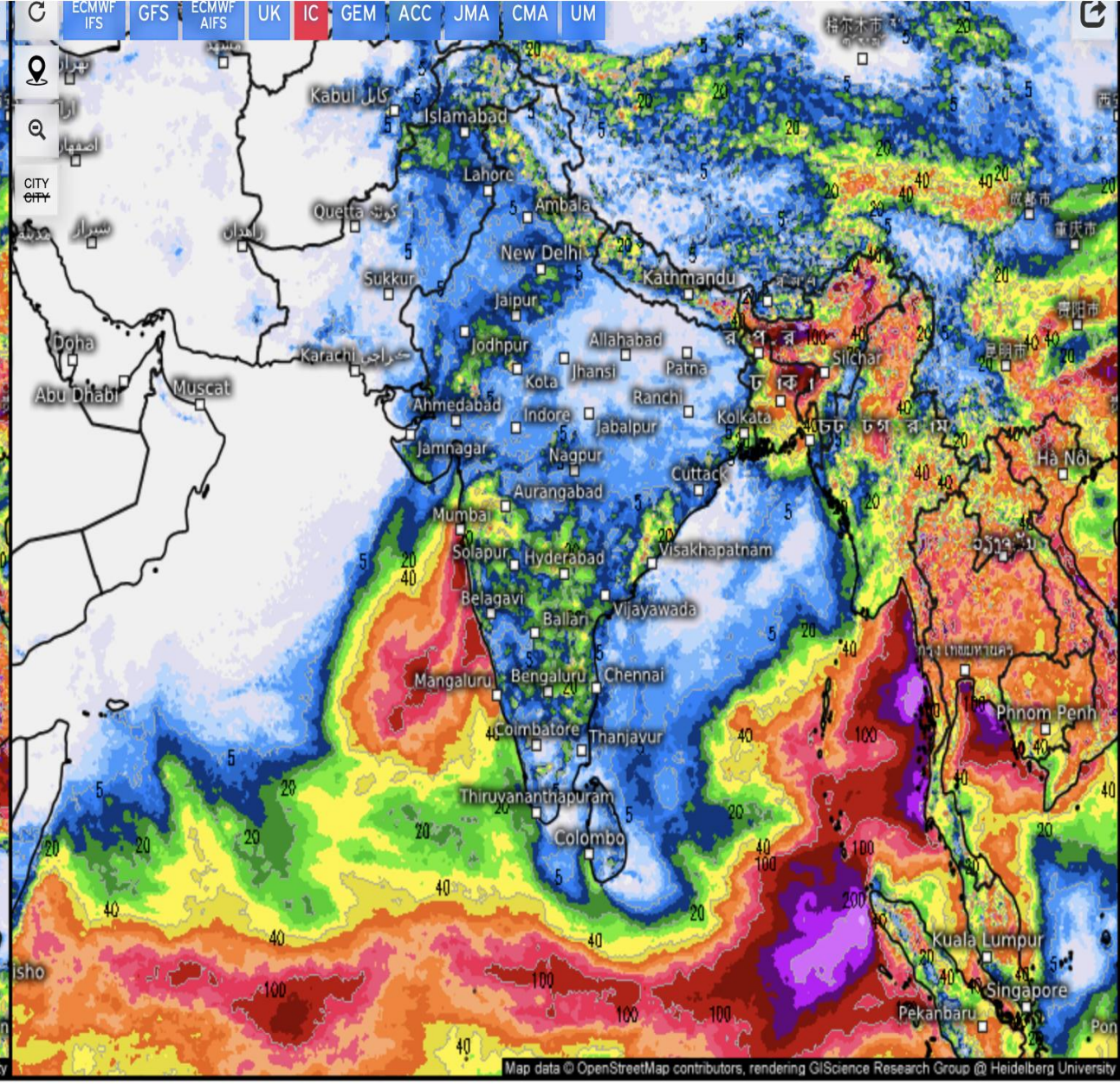
0.1 1 2 3 5 7 10 15 20 25 30 40 50 60 70 80 90 100 125 150 175 200 250 300 400 500

Accumulated total precipitation (mm)

From Thu 05/08/2025, 05:30am IST
to Thu 05/15/2025, 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 total precipitation (mm)

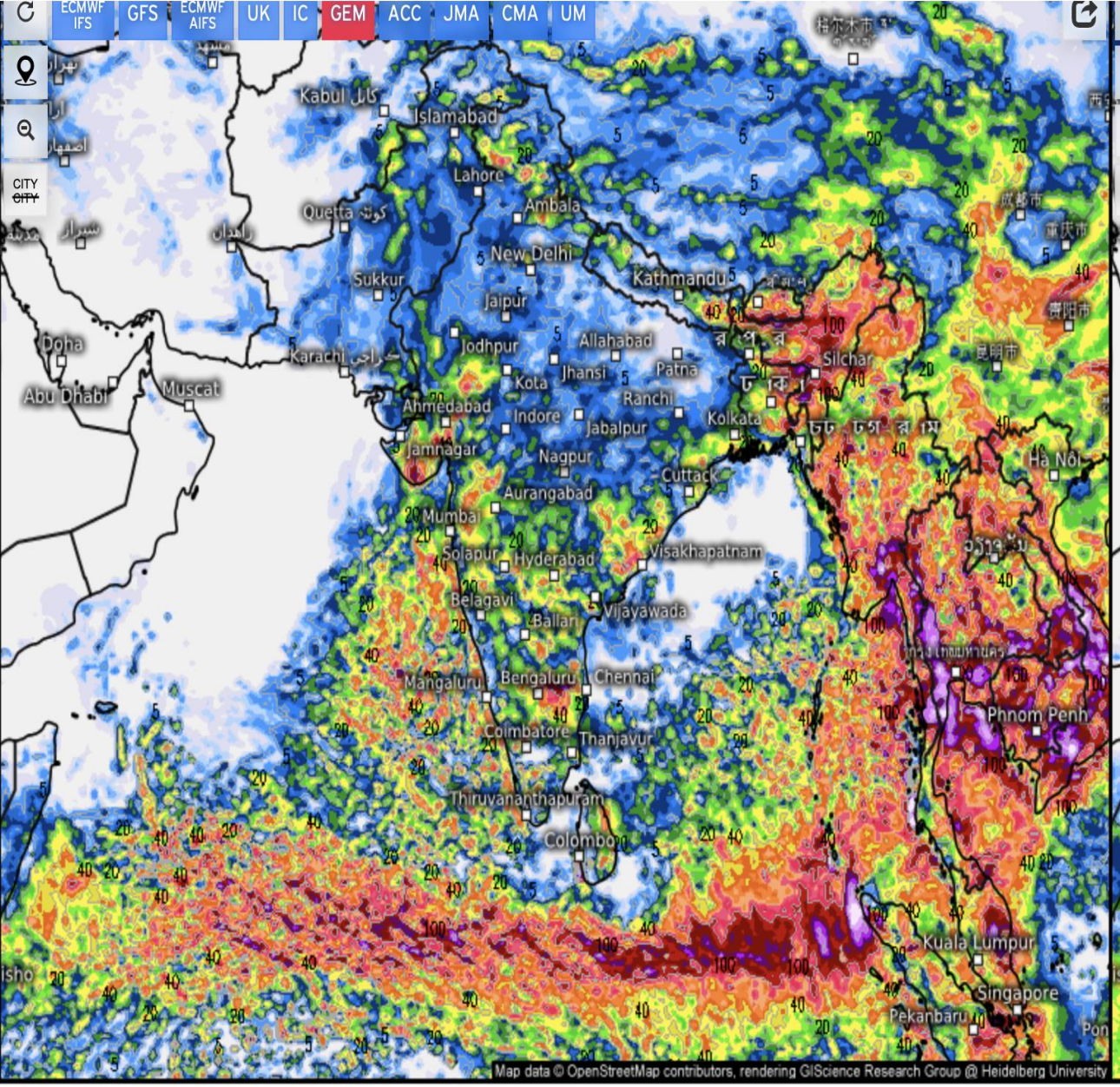
From Thu 05/08/2025, 05:30am IST
to Thu 05/15/2025, 05:30am IST

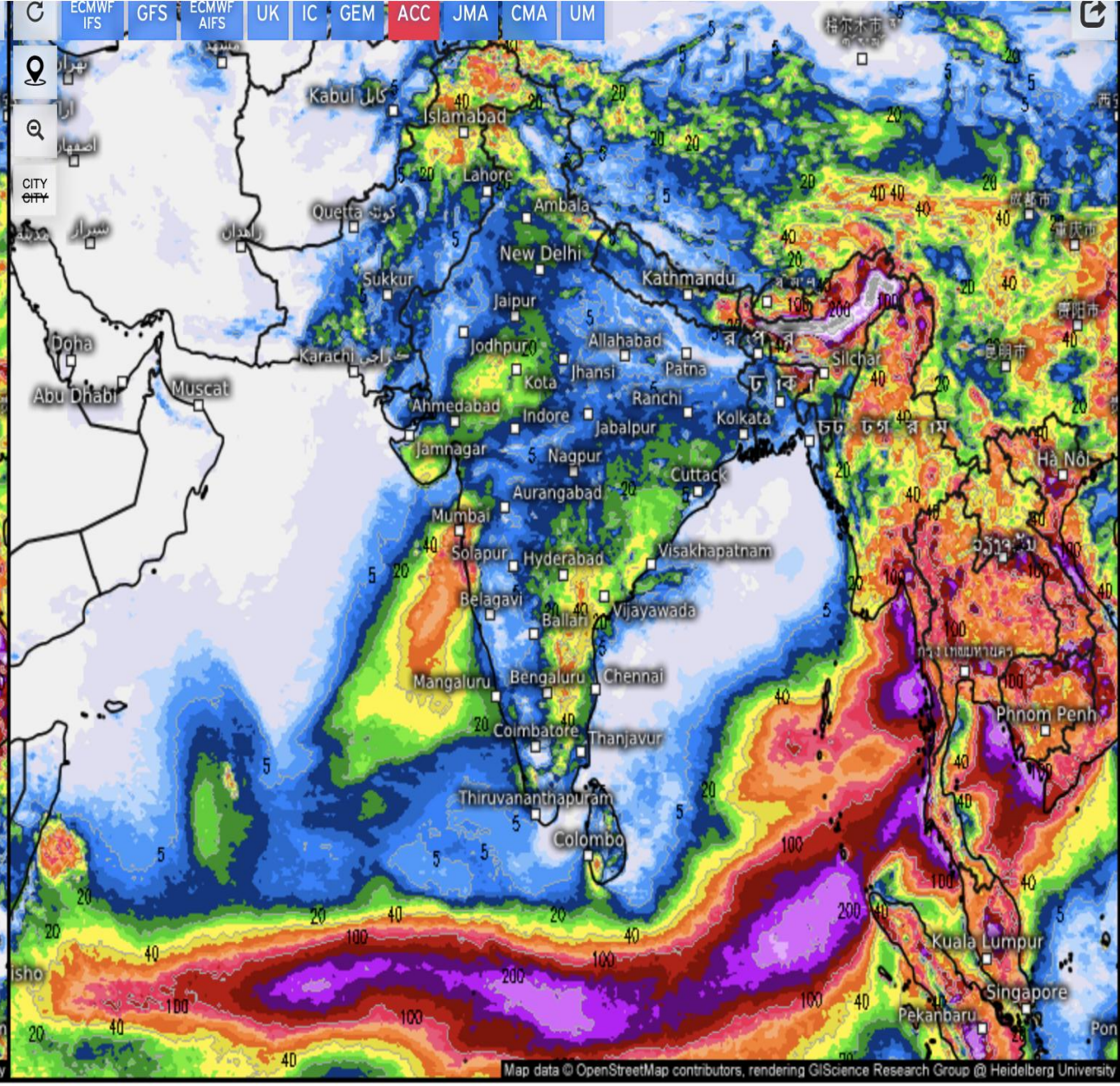
0.1 1 2 3 5 7 10 15 20 25 30 40 50 60 70 80 90 100 125 150 175 200 250 300 400 500

Accumulated total precipitation (mm)

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

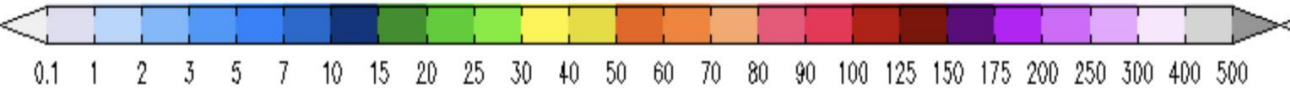
0.1 1 2 3 5 7 10 15 20 25 30 40 50 60 70 80 90 100 125 150 175 200 250 300 400 500





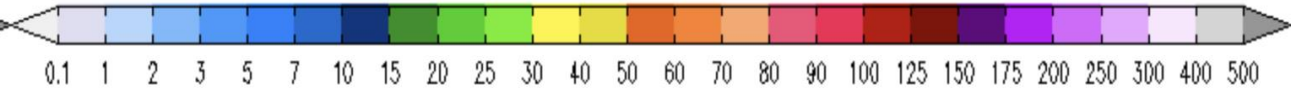
Accumulated total precipitation (mm)

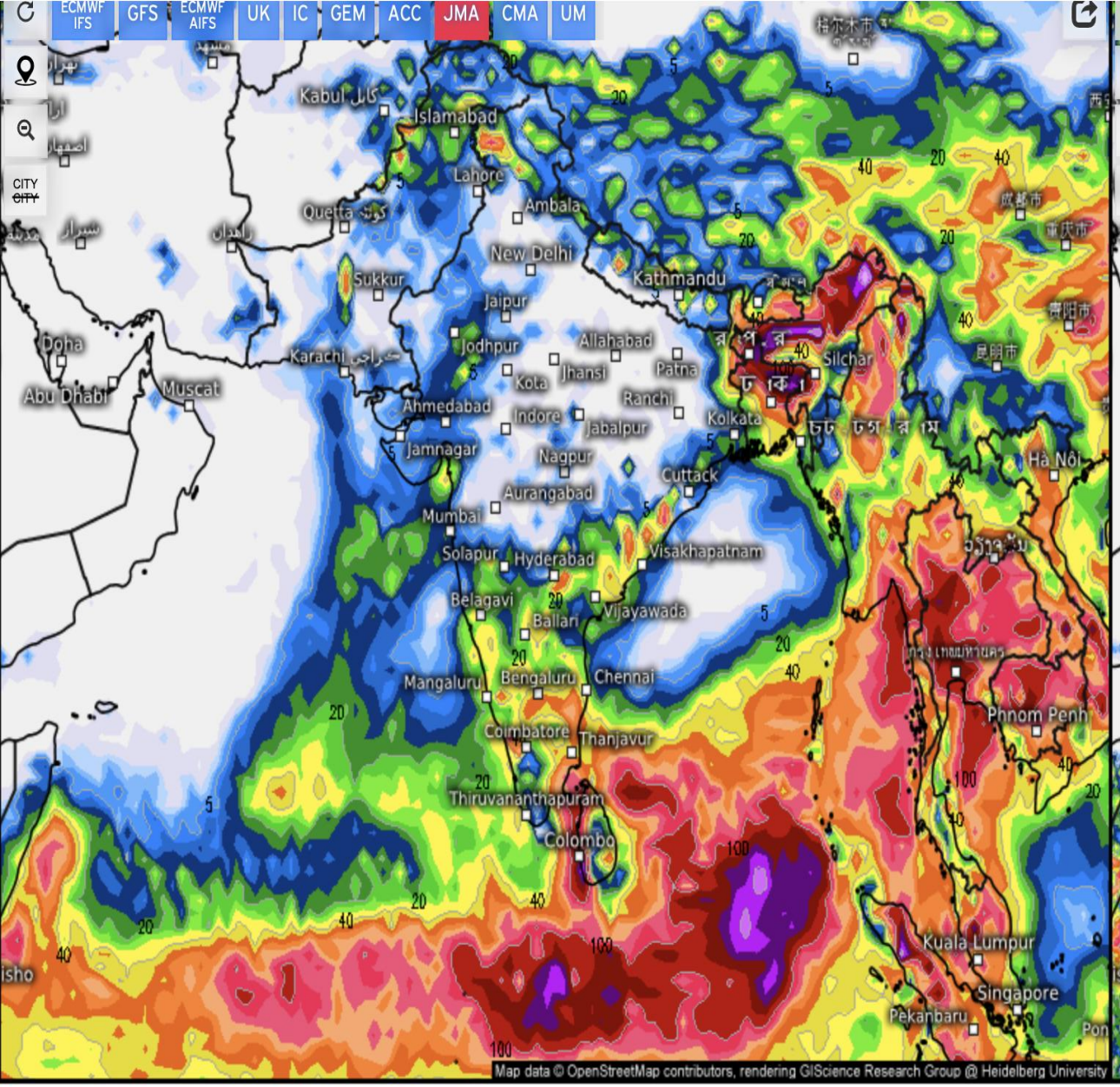
From Thu 05/08/2025, 05:30am IST
to Thu 05/15/2025, 05:30am IST

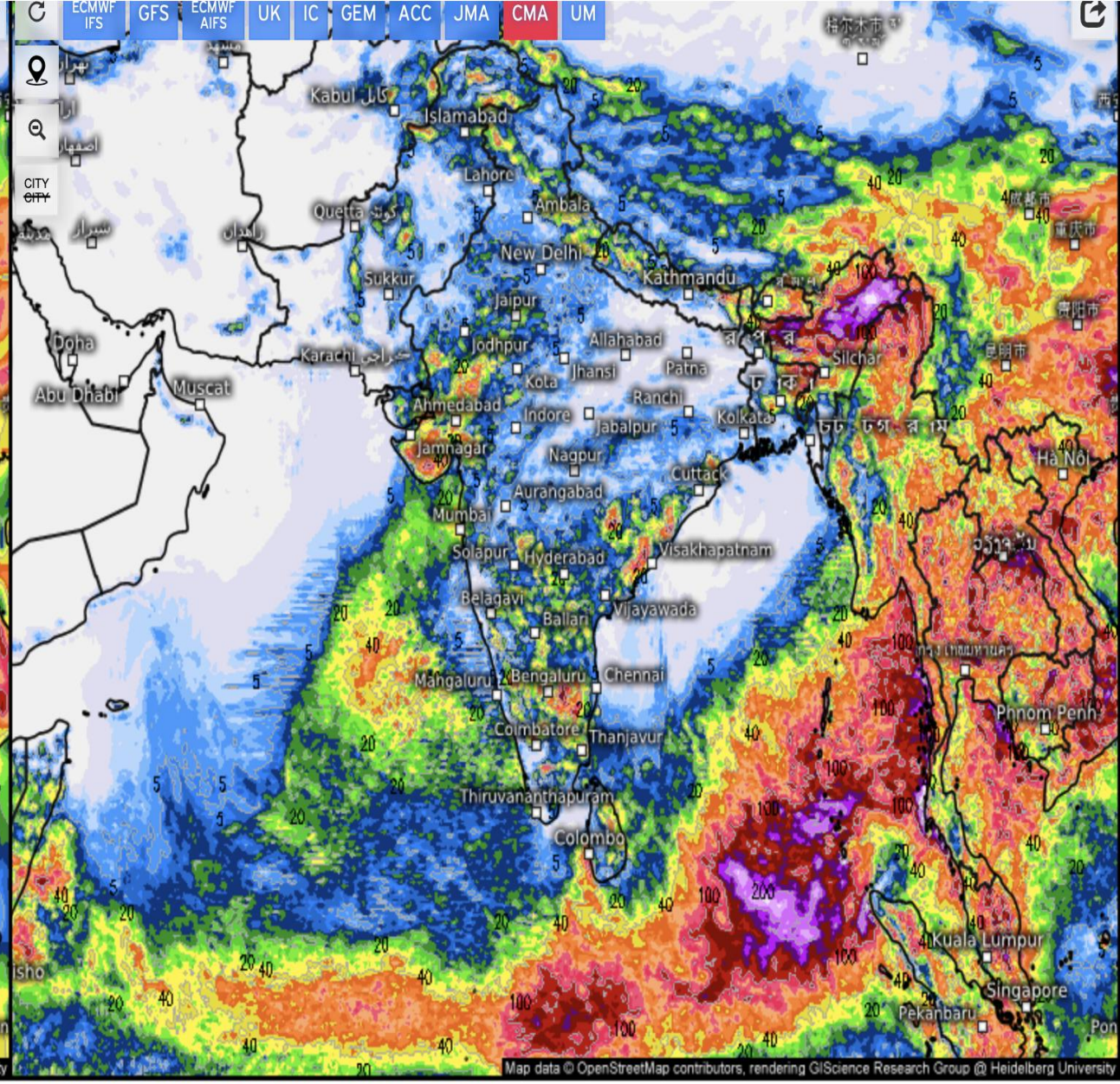


Accumulated total precipitation (mm)

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







Accumulated total precipitation (mm)

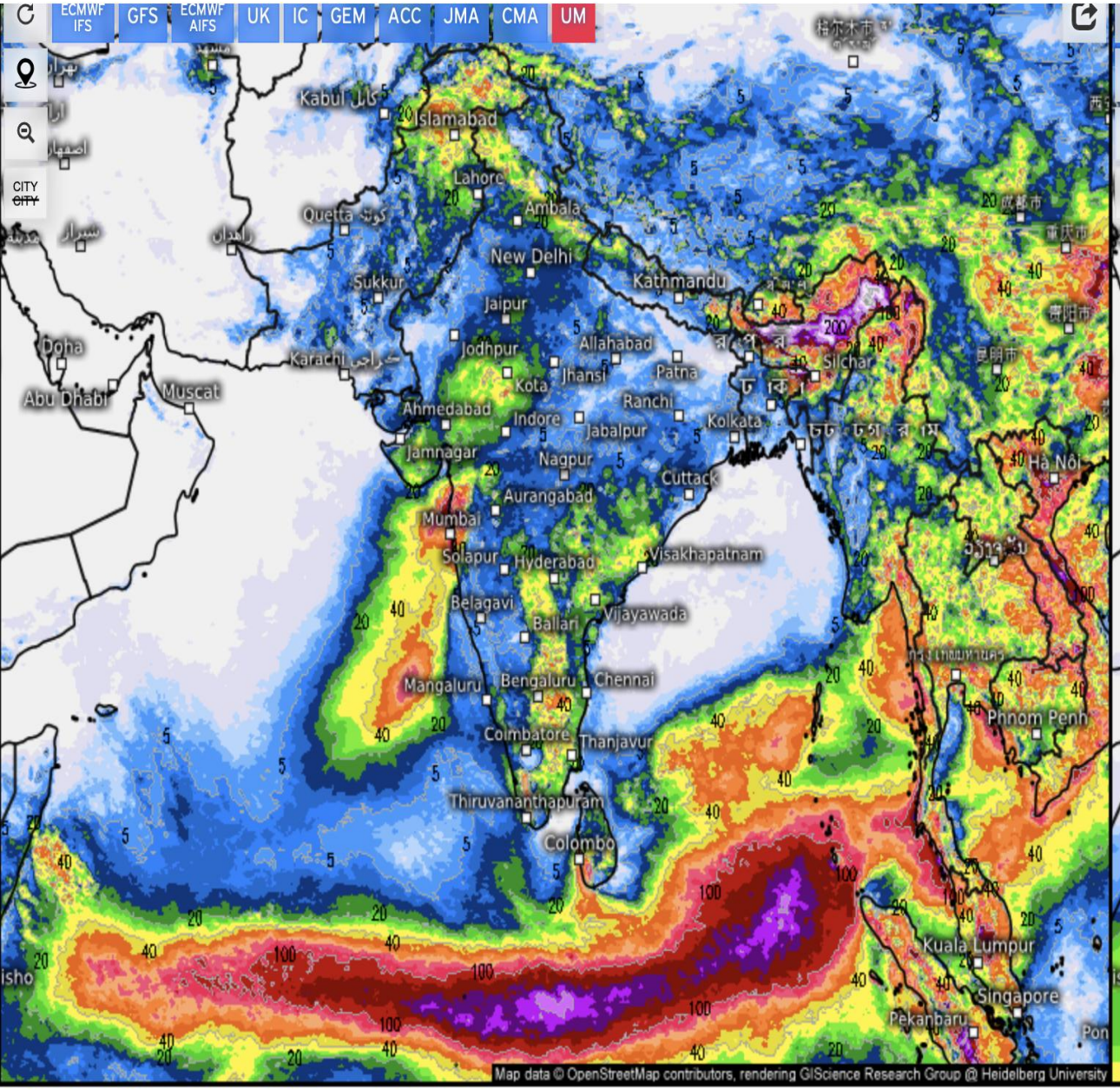
From Wed 05/07/2025, 05:30pm IST
to Thu 05/15/2025, 05:30am IST

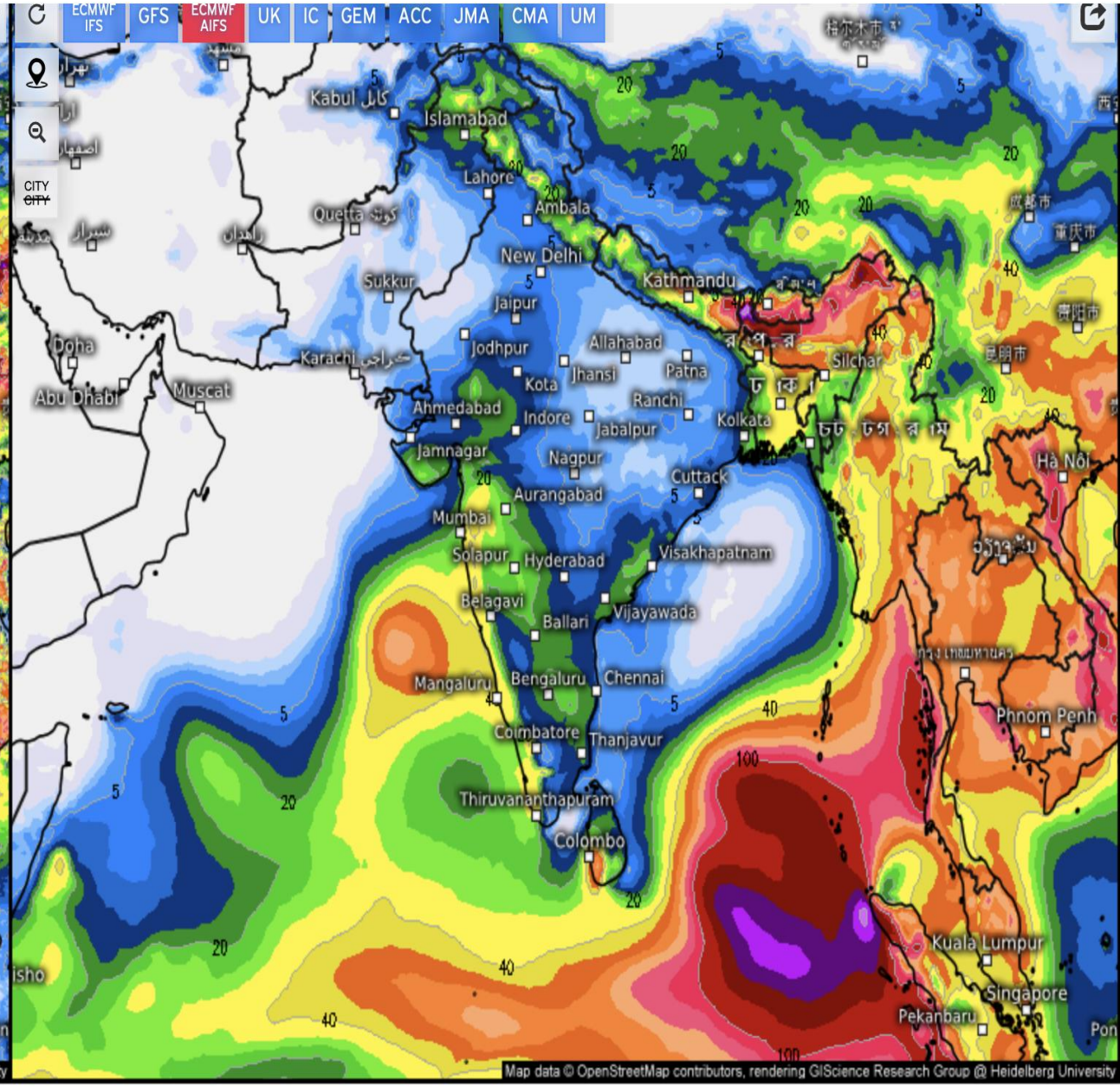
0.1 1 2 3 5 7 10 15 20 25 30 40 50 60 70 80 90 100 125 150 175 200 250 300 400 500

Accumulated total precipitation (mm)

From Wed 05/07/2025, 05:30pm IST
to Thu 05/15/2025, 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 total precipitation (mm)

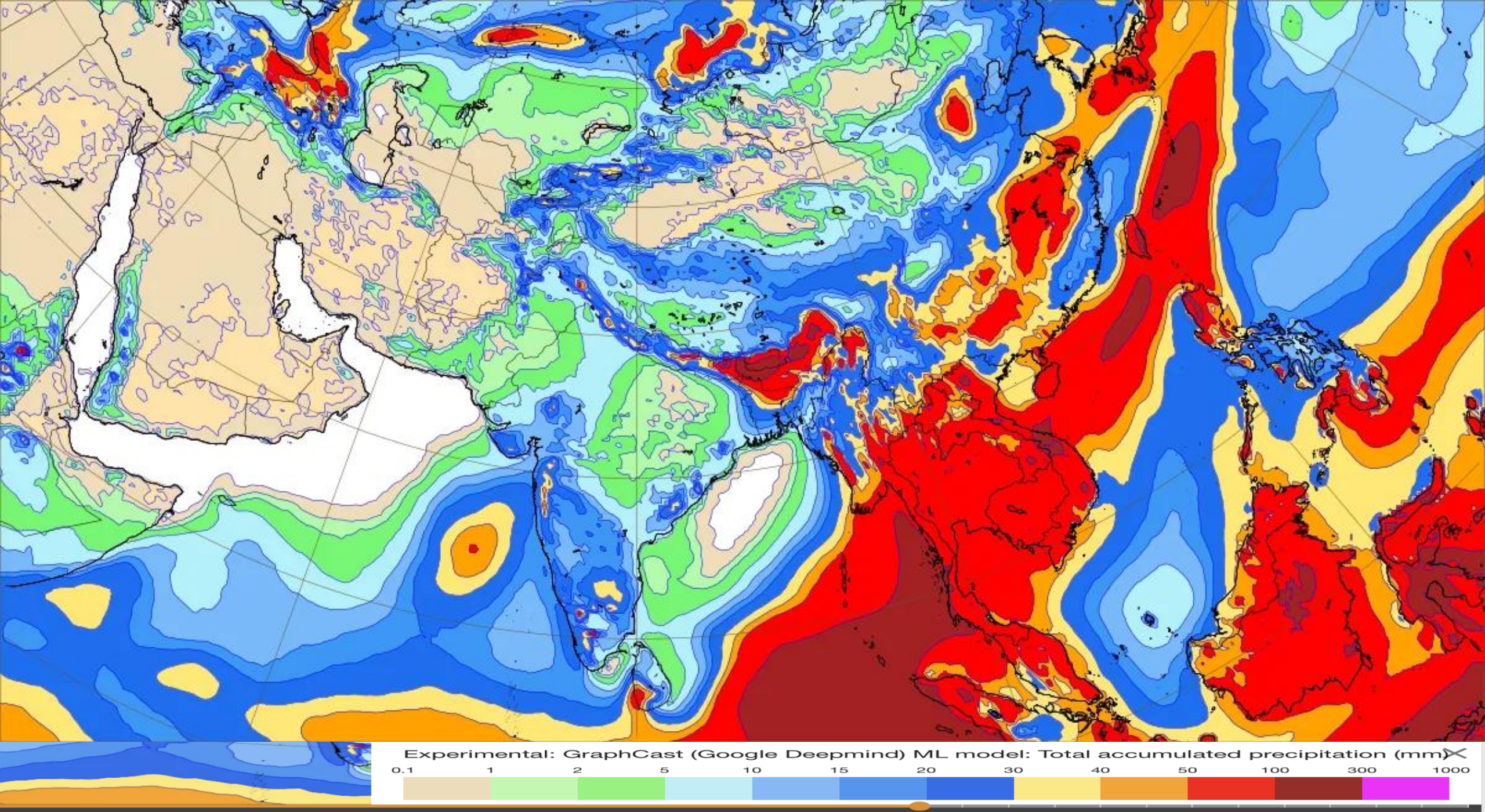
From Wed 05/07/2025, 05:30pm IST
to Thu 05/15/2025, 05:30am IST

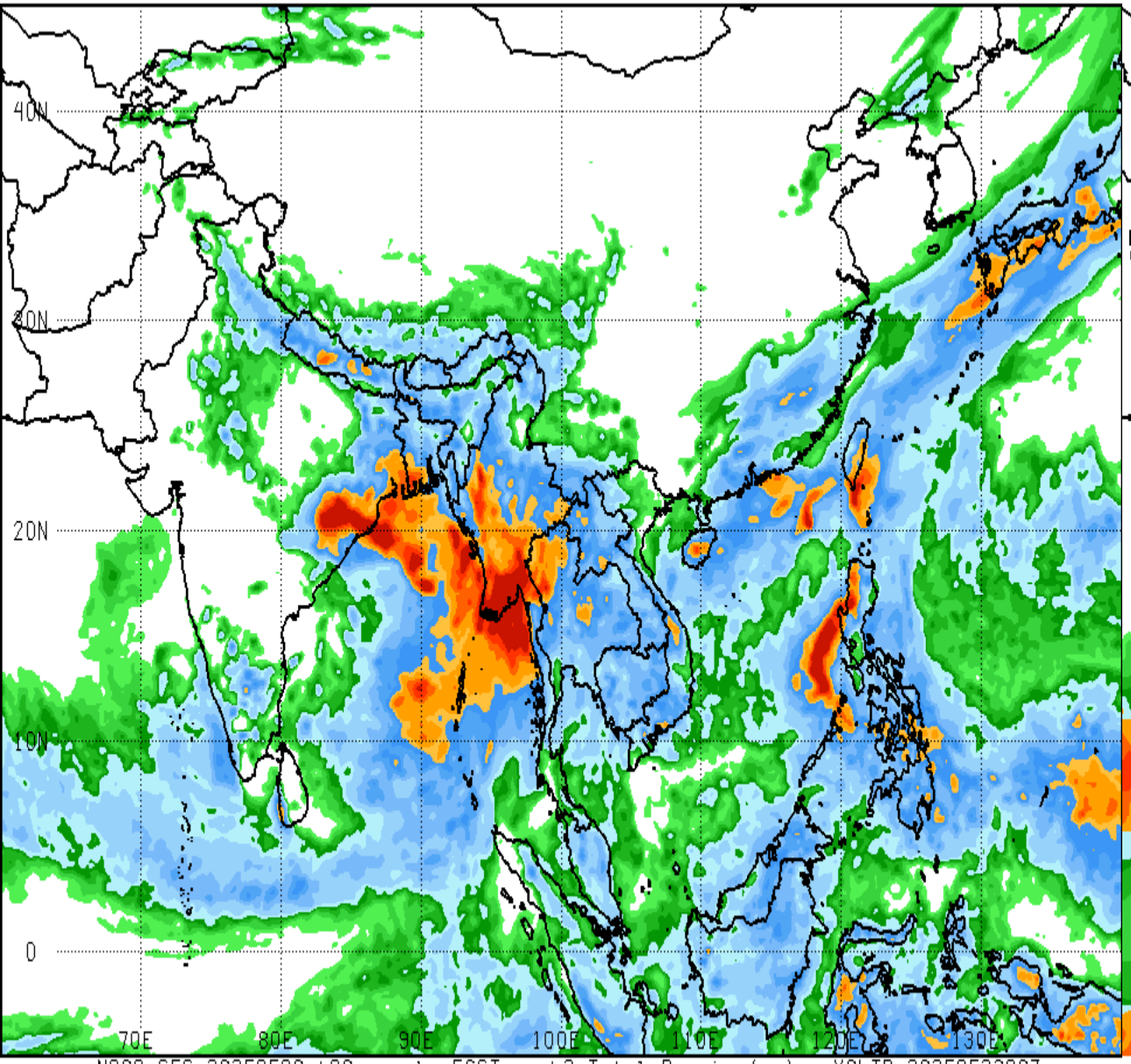
0.1 1 2 3 5 7 10 15 20 25 30 40 50 60 70 80 90 100 125 150 175 200 250 300 400 500

Accumulated total precipitation (mm)

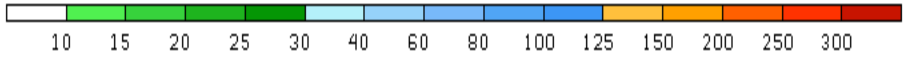
From Thu 05/08/2025, 05:30am IST
to Thu 05/15/2025, 05:30am IST

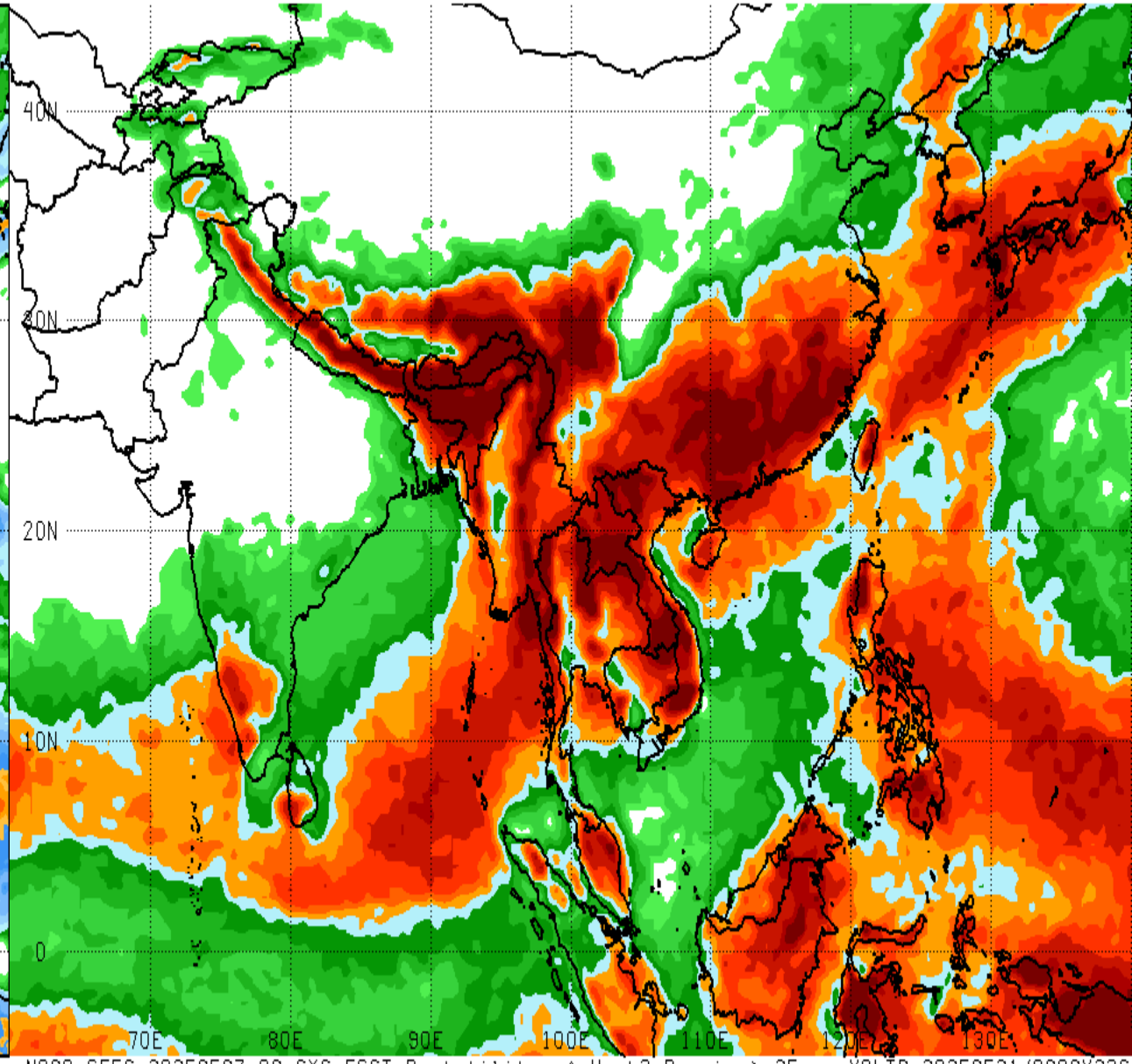
0.1 1 2 3 5 7 10 15 20 25 30 40 50 60 70 80 90 100 125 150 175 200 250 300 400 500


Experimental: GraphCast (Google Deepmind) ML model: Total accumulated precipitation (mm)
0.1
1
2
5
10
15
20
30
40
50
100
300
1000
Thu 15 May 2025 00 UTC (T+168)

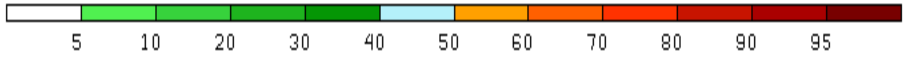


NOAA GFS 20250508 t00z cycle FCST week2 Total Precip (mm) VALID 2025052200Z



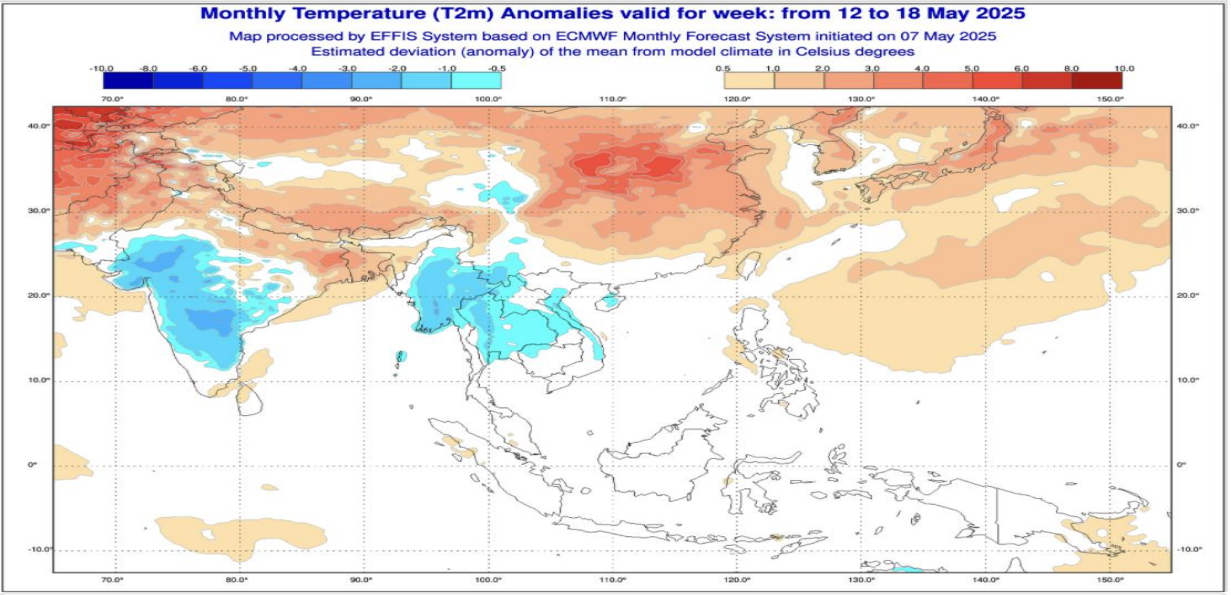


NOAA GEFS 20250507 00zCYC FCST Probability of Week2 Precip > 25mm VALID 20250521/0000V336

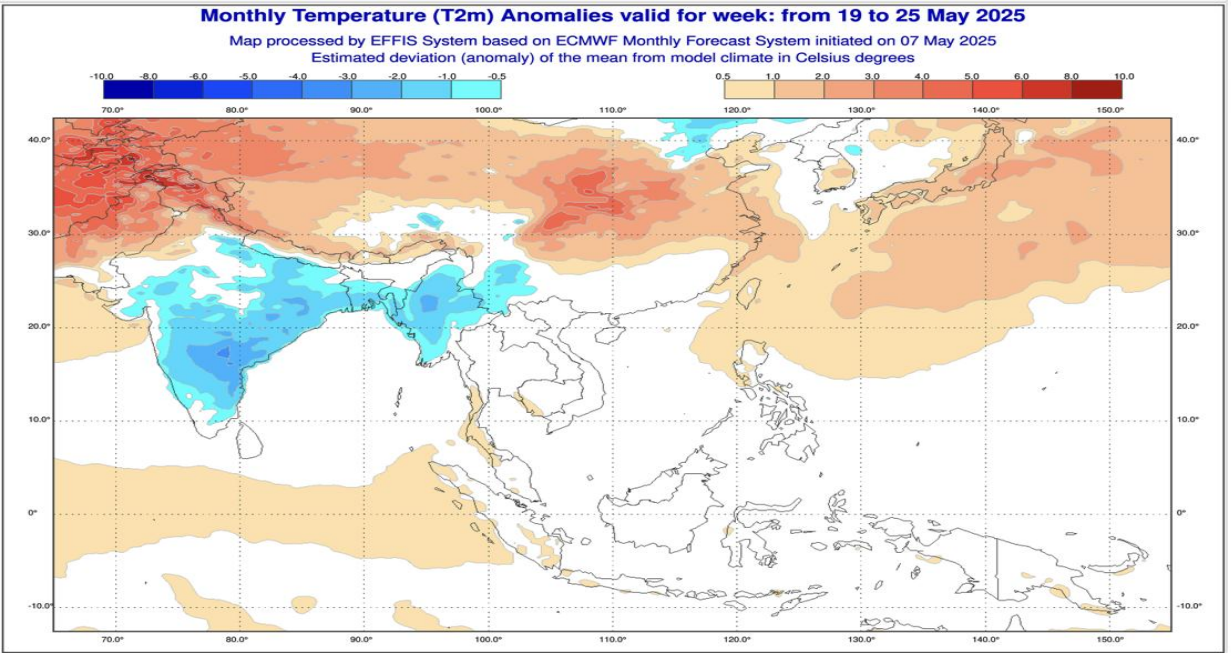


Temperature anomalies

Week 2 starting from: Monday 12/05/2025

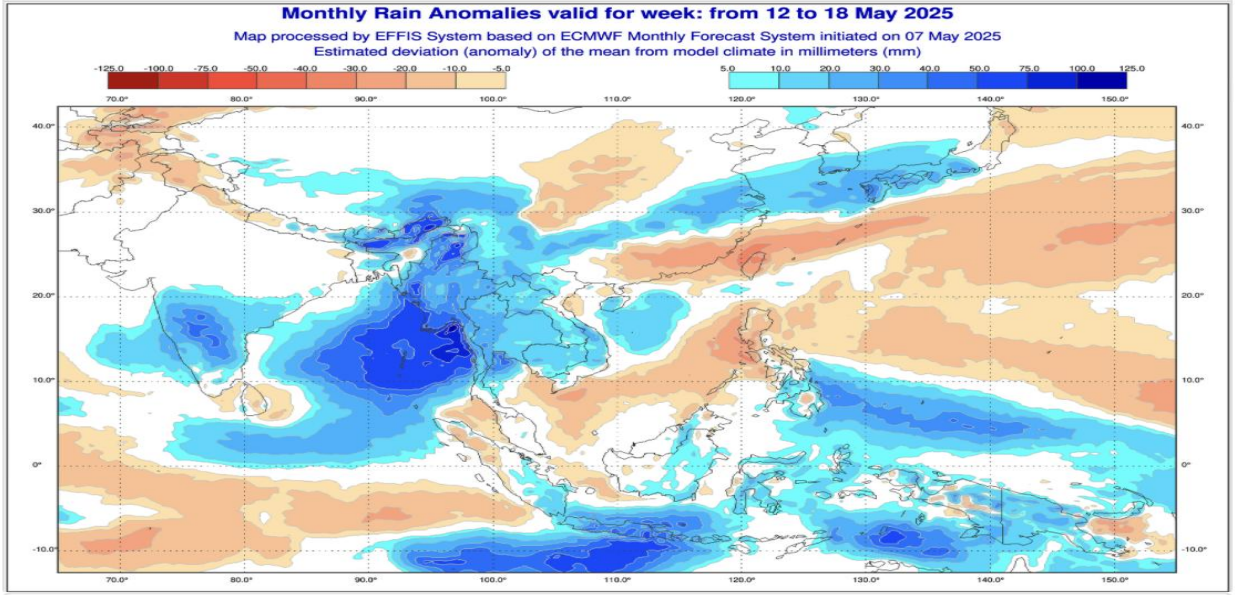


Week 3 starting from: Monday 19/05/2025

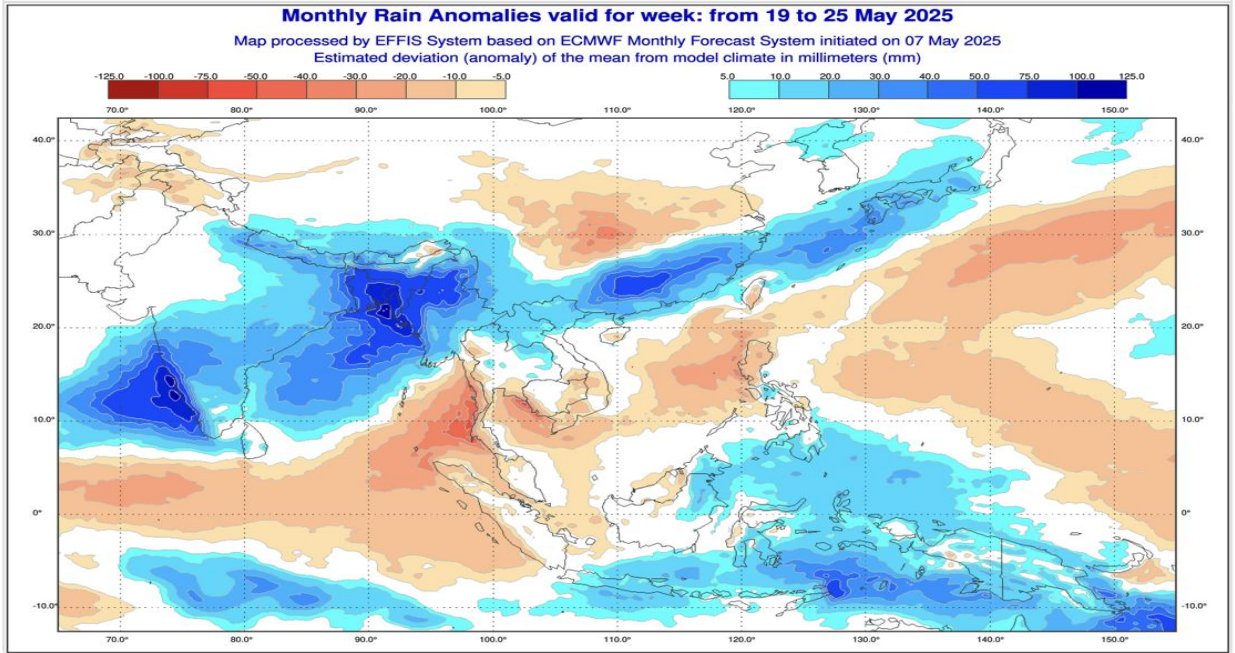


Rain anomalies

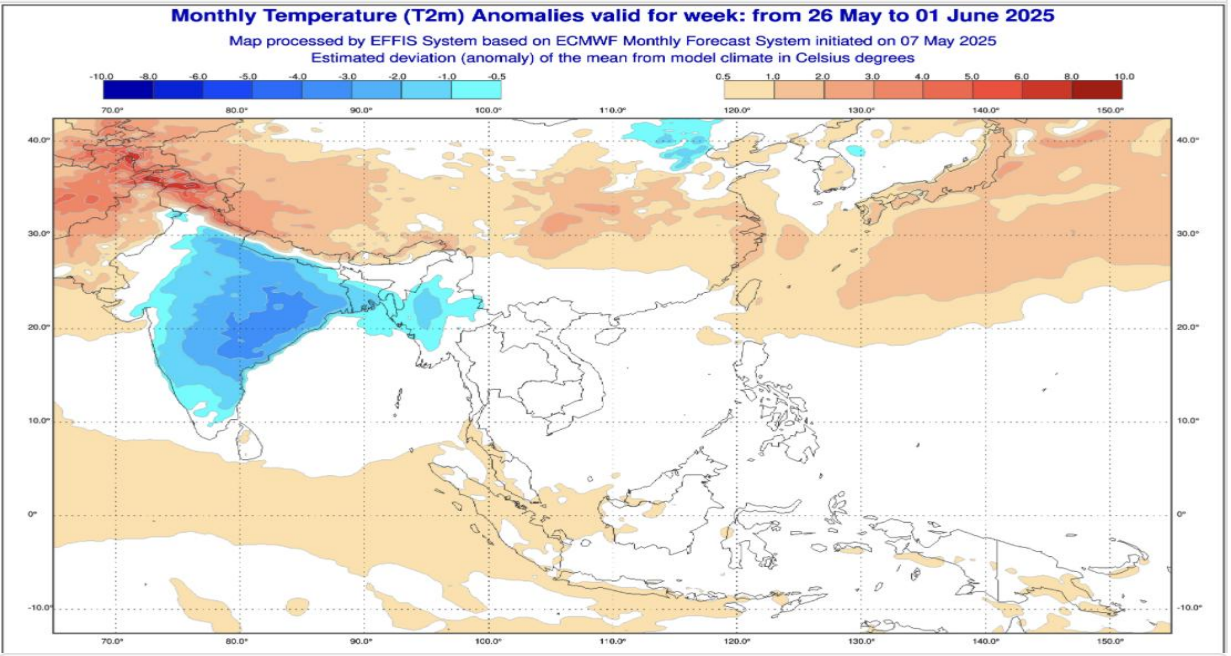
Week 2 starting from: Monday 12/05/2025



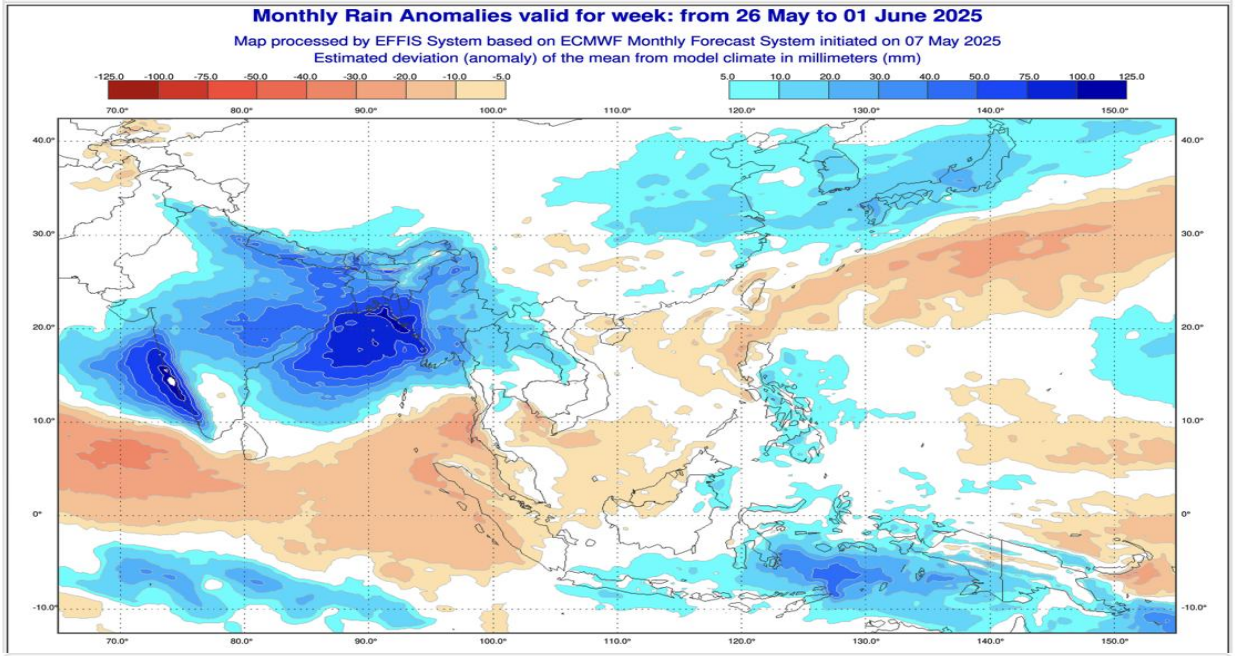
Week 3 starting from: Monday 19/05/2025



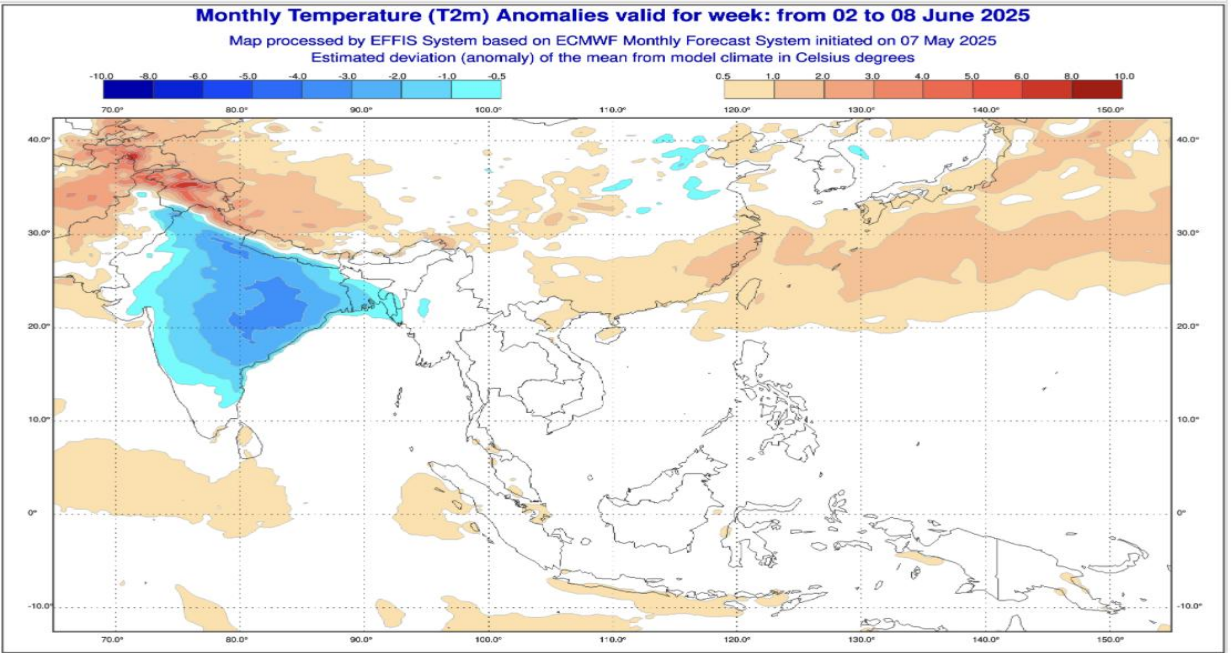
Week 4 starting from: Monday 26/05/2025



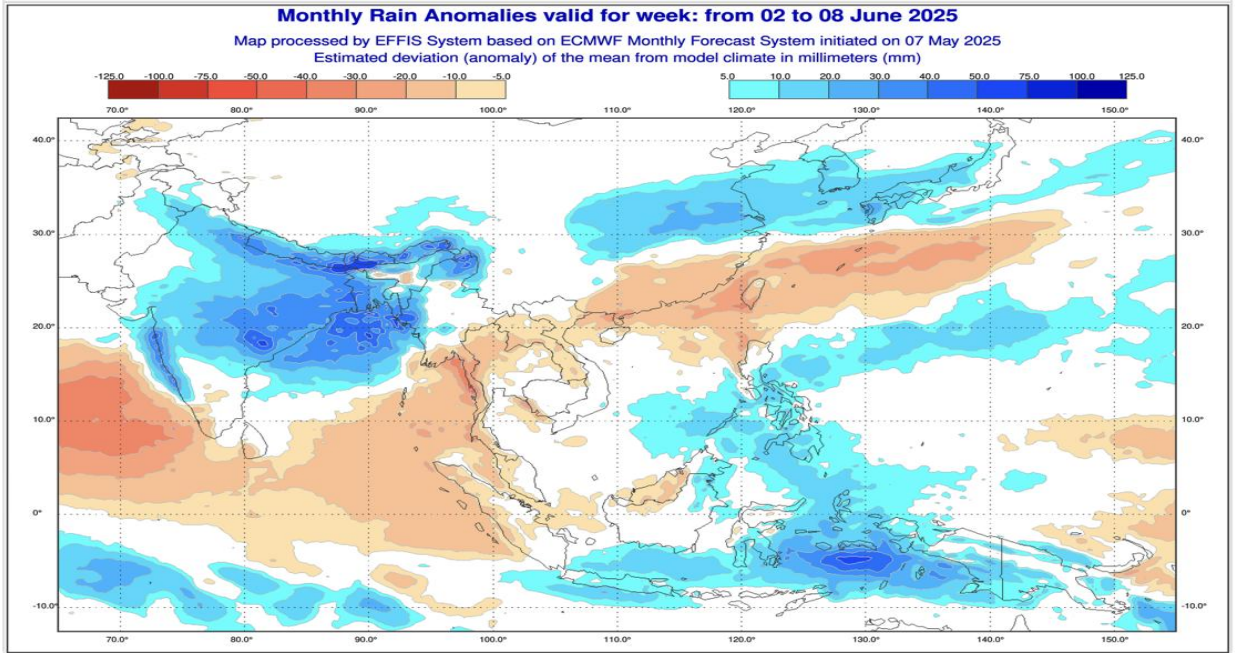
Week 4 starting from: Monday 26/05/2025

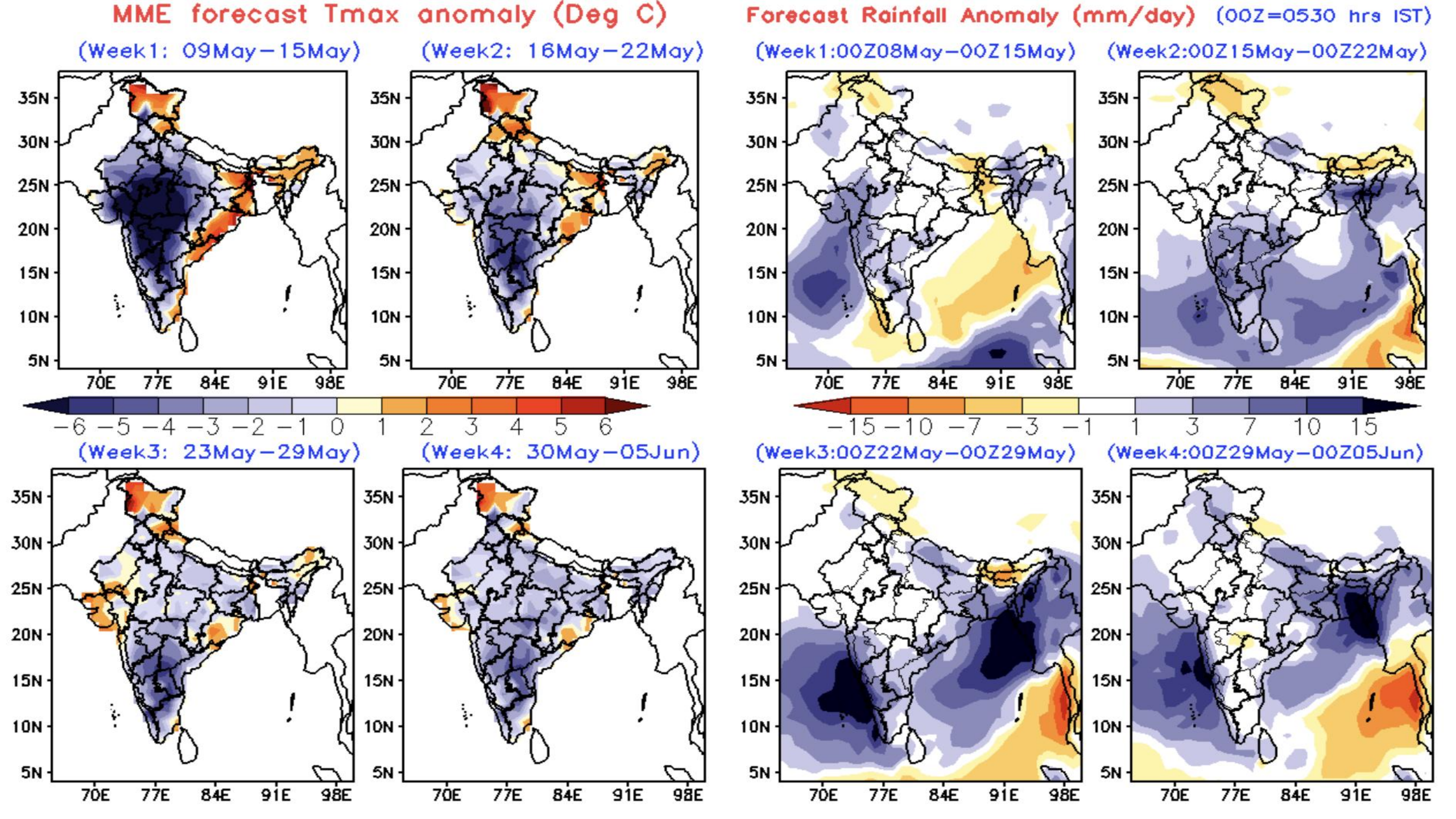


Week 5 starting from: Monday 02/06/2025



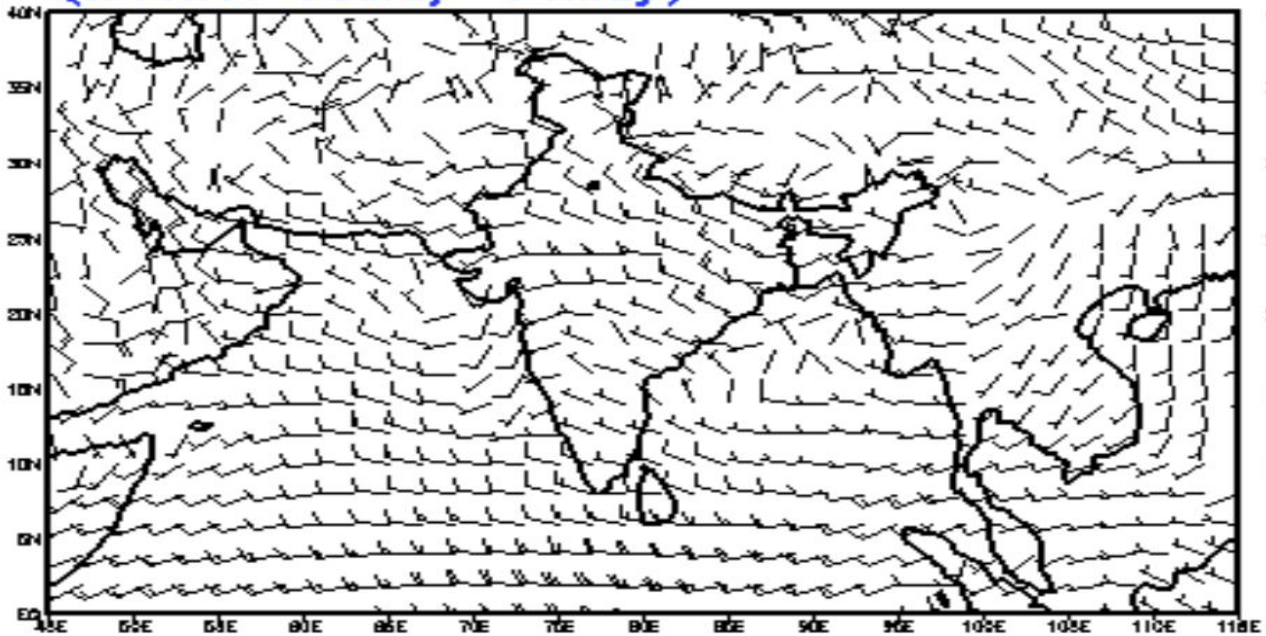
Week 5 starting from: Monday 02/06/2025



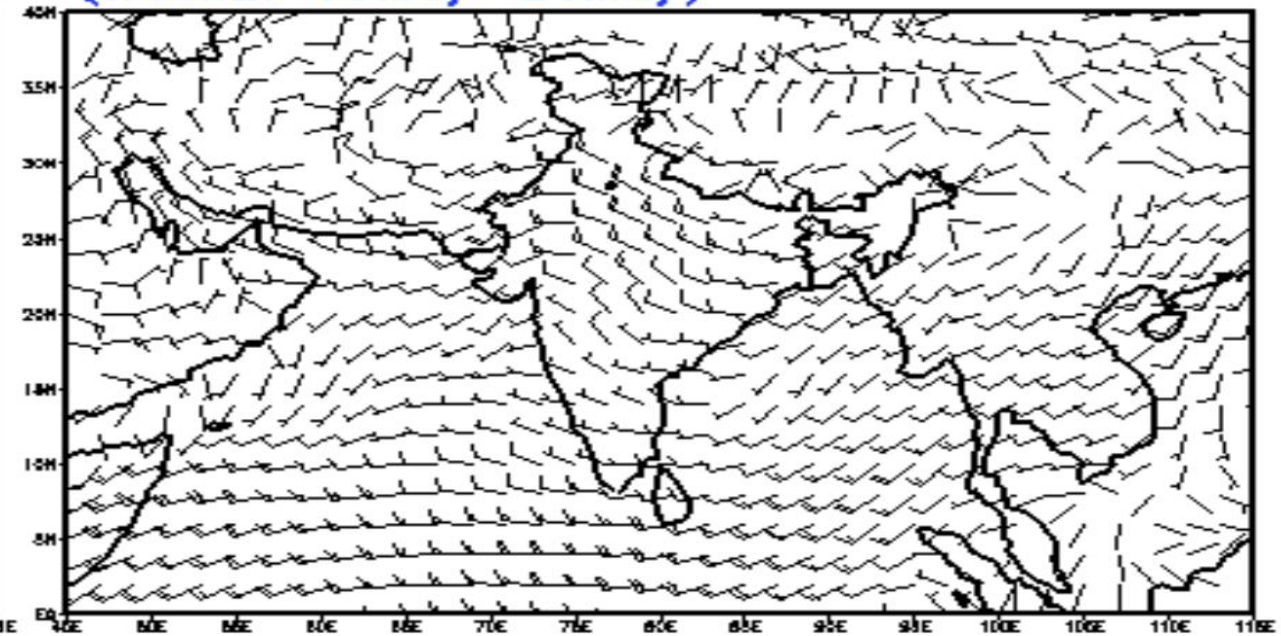

MME forecast Tmax anomaly (Deg C)
(Week1: 09May−15May)
(Week2: 16May−22May)
(Week3: 23May−29May)
(Week4: 30May−05Jun)
−6 −5 −4 −3 −2 −1 0 1 2 3 4 5 6
Forecast Rainfall Anomaly (mm/day) (00Z=0530 hrs IST)
(Week1:00Z08May−00Z15May)
(Week2:00Z15May−00Z22May)
(Week3:00Z22May−00Z29May)
(Week4:00Z29May−00Z05Jun)
−15 −10 −7 −3 −1 1 3 7 10 15
35N
30N
25N
20N
15N
10N
5N
70E
77E
84E
91E
98E

MME Weekly mean 850 hPa wind

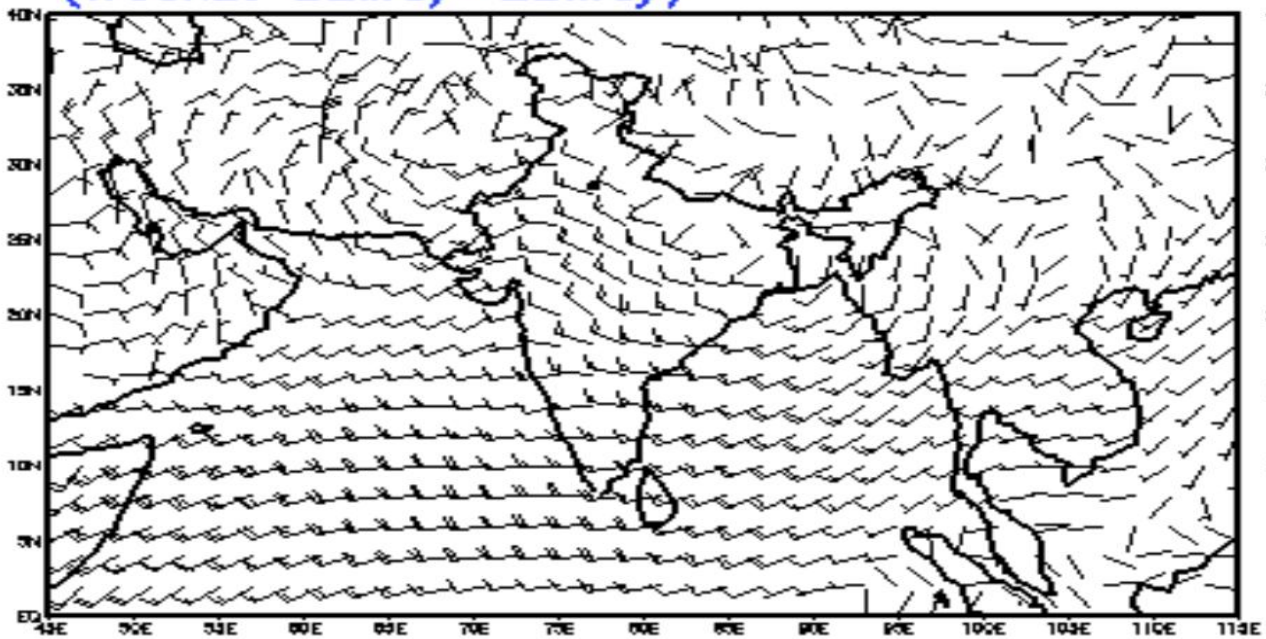
(Week1: 08May–14May)



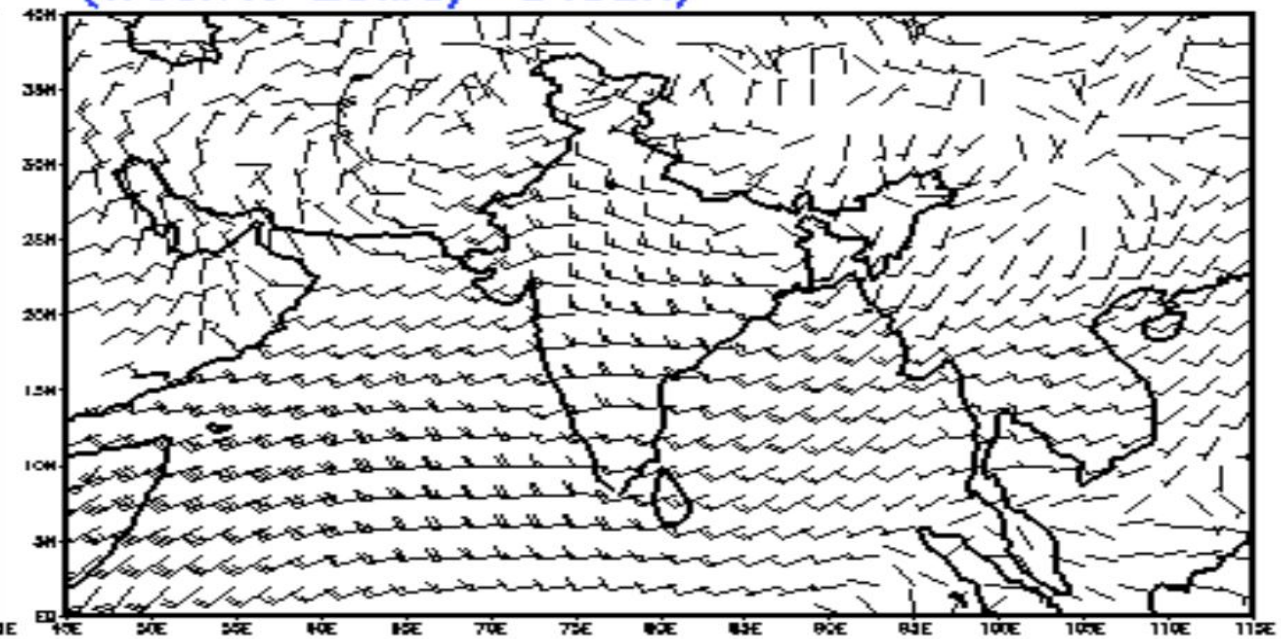
(Week2: 15May–21May)

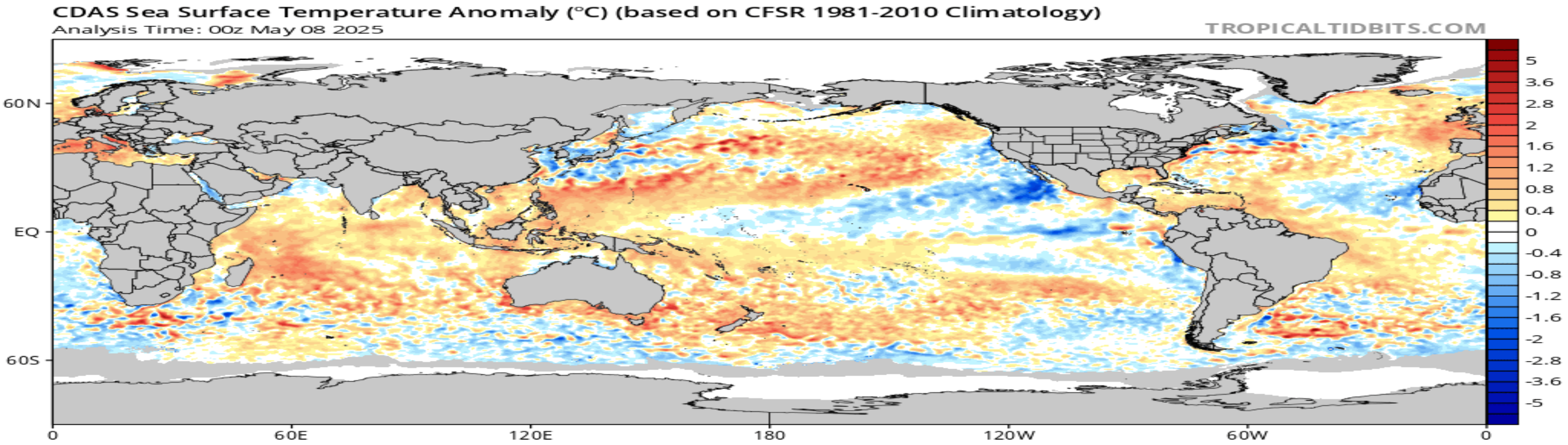


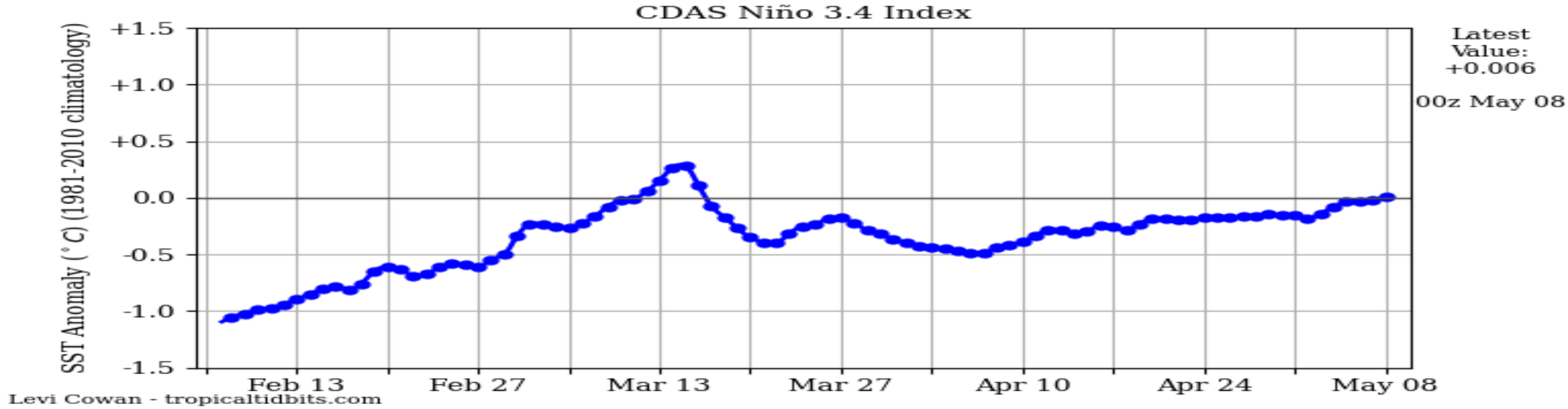
(Week3: 22May–28May)

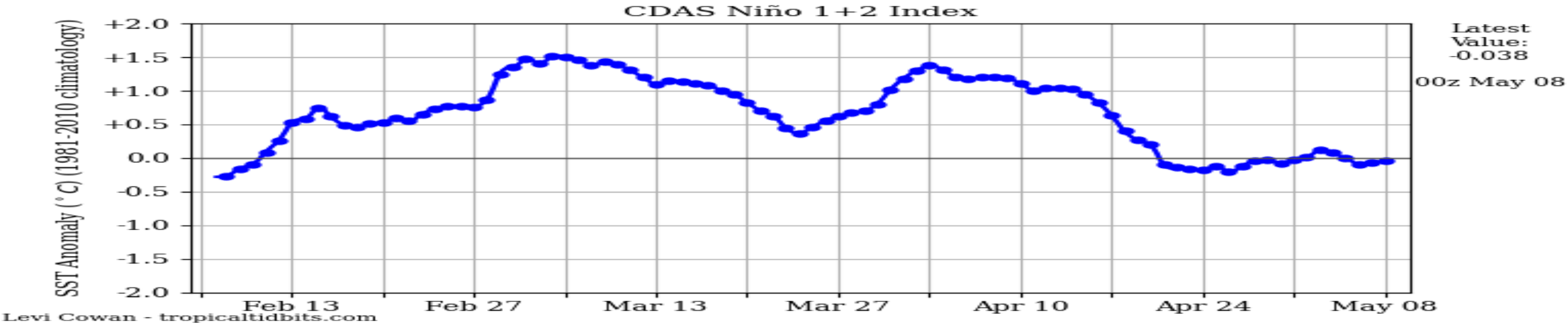


(Week4: 29May–04Jun)




CDAS Sea Surface Temperature Anomaly (°C) (based on CFSR 1981-2010 Climatology)
Analysis Time: 00z May 08 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
Feb 13
Feb 27
Mar 13
Mar 27
Apr 10
Apr 24
May 08
Latest Value: +0.006
00z May 08
Levi Cowan - tropicaltidbits.com

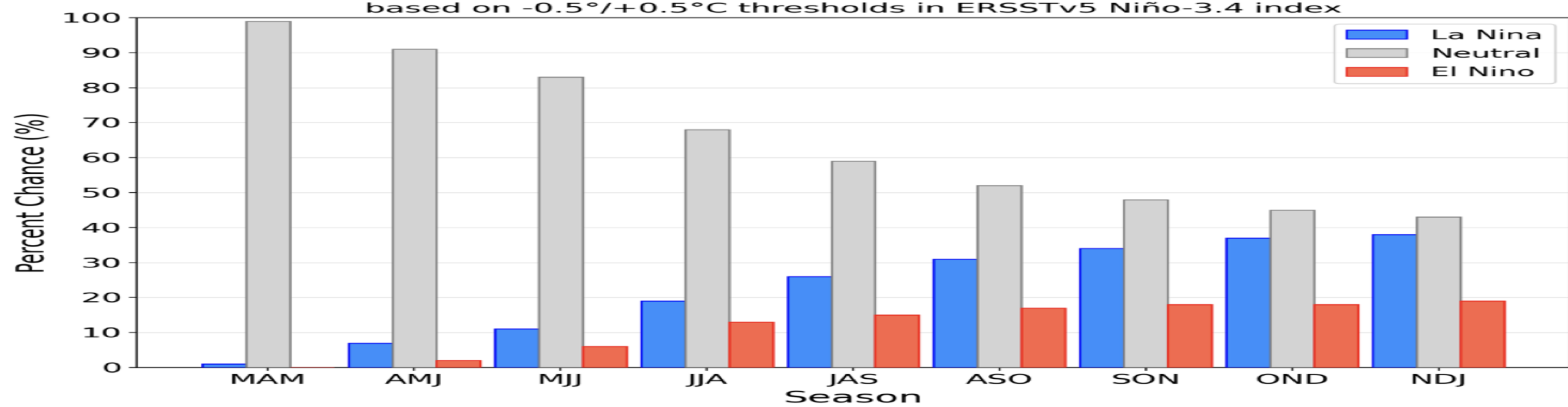

CDAS Niño 1+2 Index
SST Anomaly (°C) (1981-2010 climatology)
+2.0
+1.5
+1.0
+0.5
0.0
-0.5
-1.0
-1.5
-2.0
Feb 13
Feb 27
Mar 13
Mar 27
Apr 10
Apr 24
May 08
Latest Value: -0.038
00z May 08
Levi Cowan - tropicaltidbits.com


CDAS Niño 3 Index
SST Anomaly (°C) (1981-2010 climatology)
+0.8
+0.6
+0.4
+0.2
-0.0
-0.2
-0.4
-0.6
-0.8
Feb 13
Feb 27
Mar 13
Mar 27
Apr 10
Apr 24
May 08
Latest Value: -0.160
00z May 08
Levi Cowan - tropicaltidbits.com

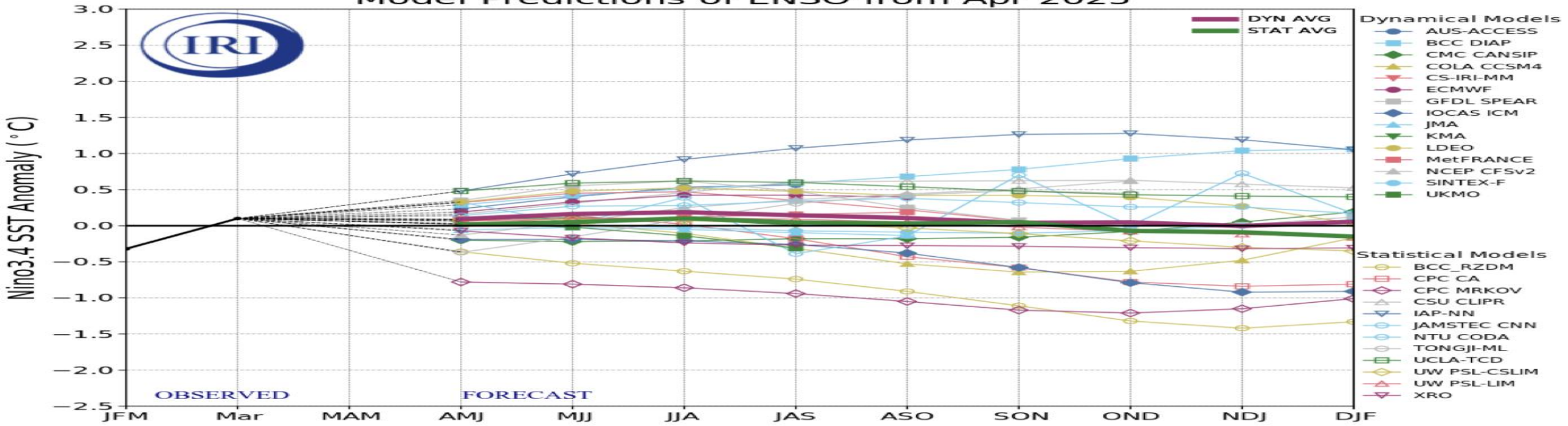

NINO3.4
NINO2
west
east
NINO4
NINO3
NINO1
Indian Ocean - IOD
Pacific Ocean - NINO

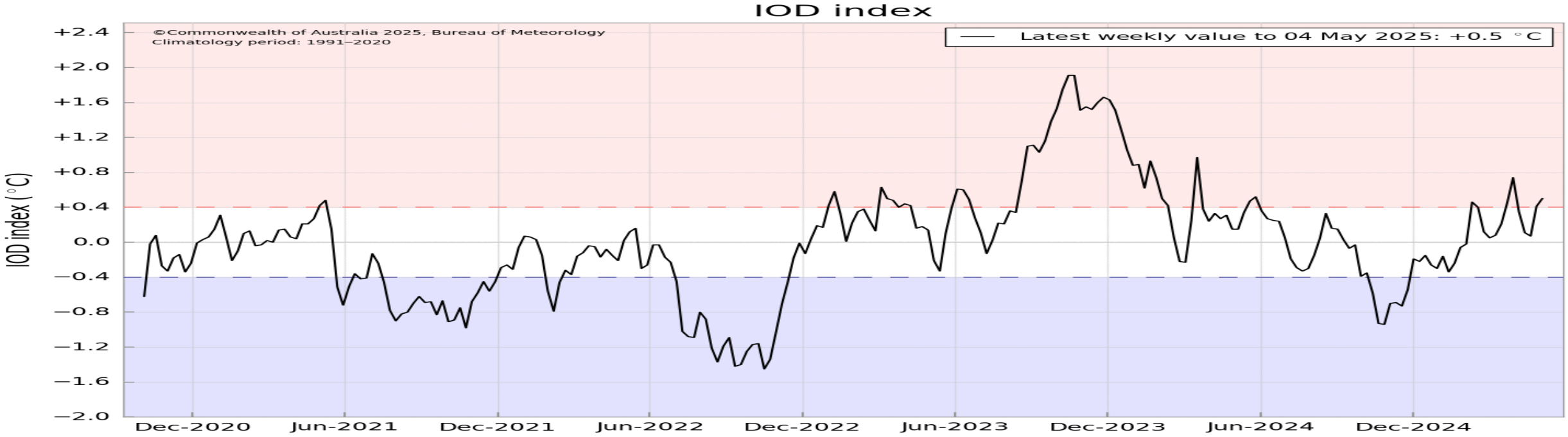
Official NOAA CPC ENSO Probabilities (issued April 2025)

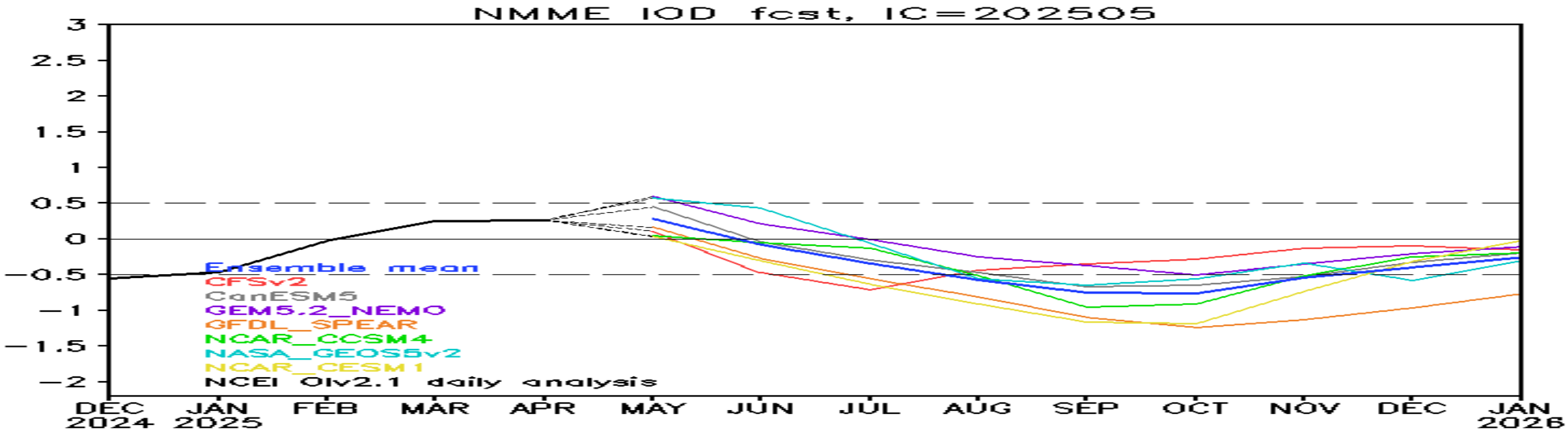
based on -0.5°/+0.5°C thresholds in ERSSTv5 Niño-3.4 index

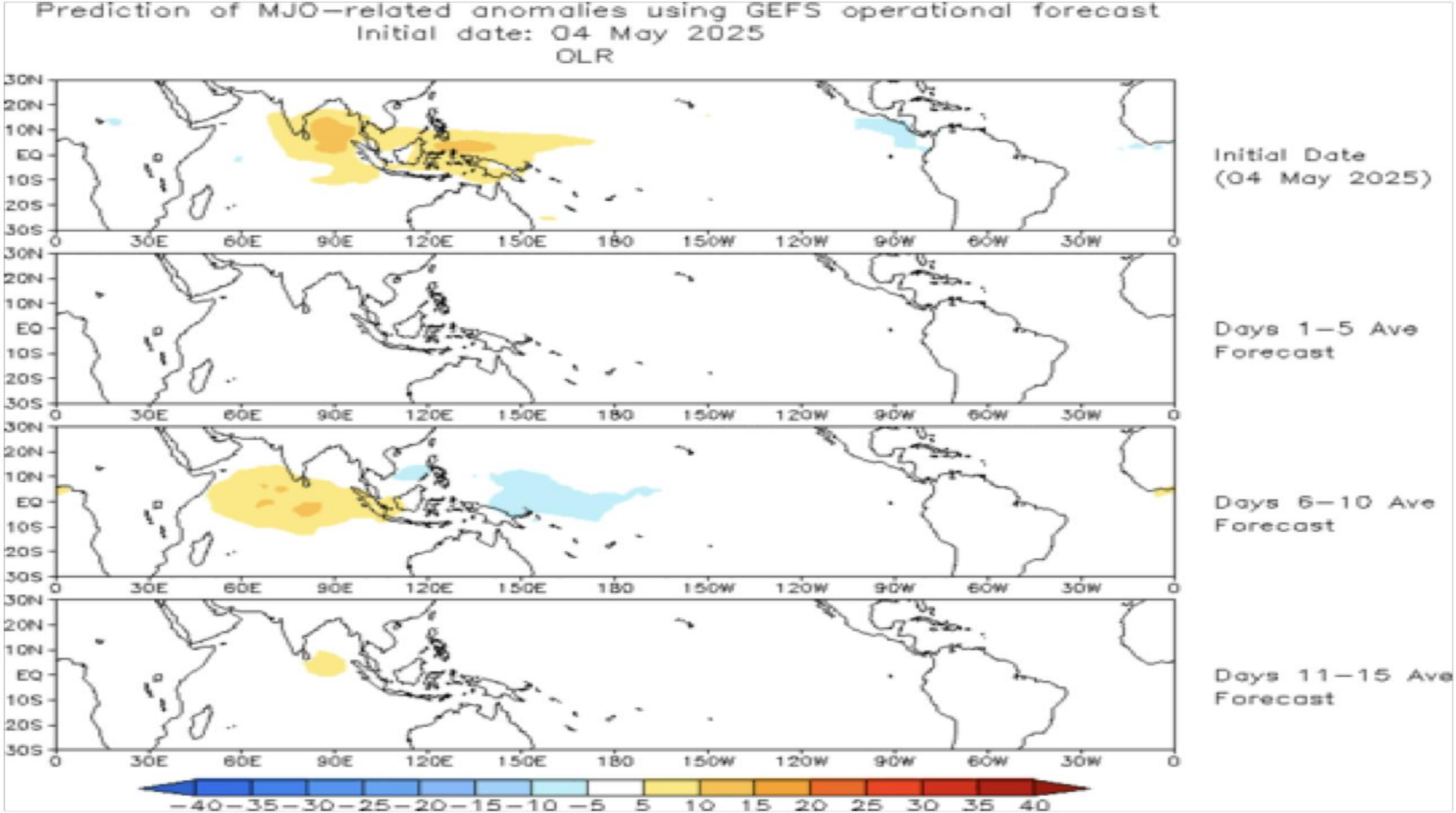


Model Predictions of ENSO from Apr 2025




IOD index
©Commonwealth of Australia 2025, Bureau of Meteorology
Climatology period: 1991–2020
Latest weekly value to 04 May 2025: +0.5 °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
Dec-2020
Jun-2021
Dec-2021
Jun-2022
Dec-2022
Jun-2023
Dec-2023
Jun-2024
Dec-2024

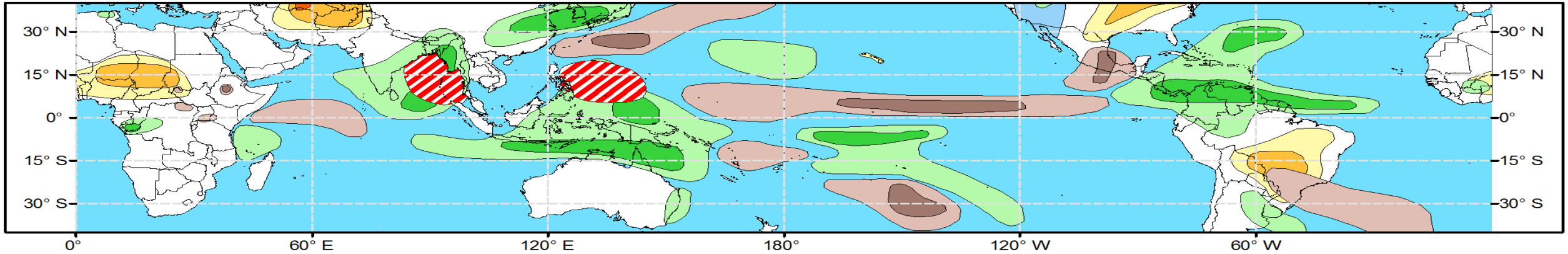

NMME IOD fcst, IC=202505
3
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
Ensemble mean
CFSv2
CanESM5
GEM5.2_NEMO
GFDL_SPEAR
NCAR_CCSM4
NASA_GEOS5v2
NCAR_CESM1
NCEI OIv2.1 daily analysis
DEC 2024
JAN 2025
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
JAN 2026


Prediction of MJO-related anomalies using GEFS operational forecast
Initial date: 04 May 2025
OLR
Initial Date
(04 May 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

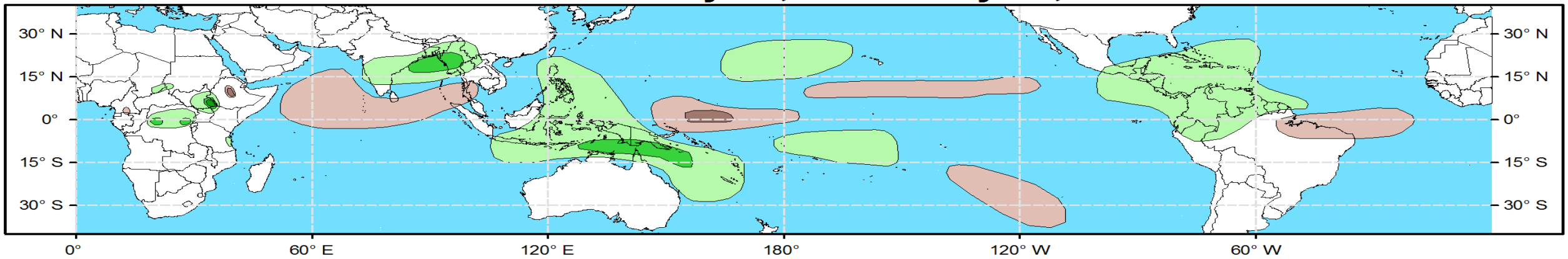
Global Tropics Hazards Outlook

Climate Prediction Center

Week 2 - Valid: May 14, 2025 - May 20, 2025



Week 3 - Valid: May 21, 2025 - May 27, 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

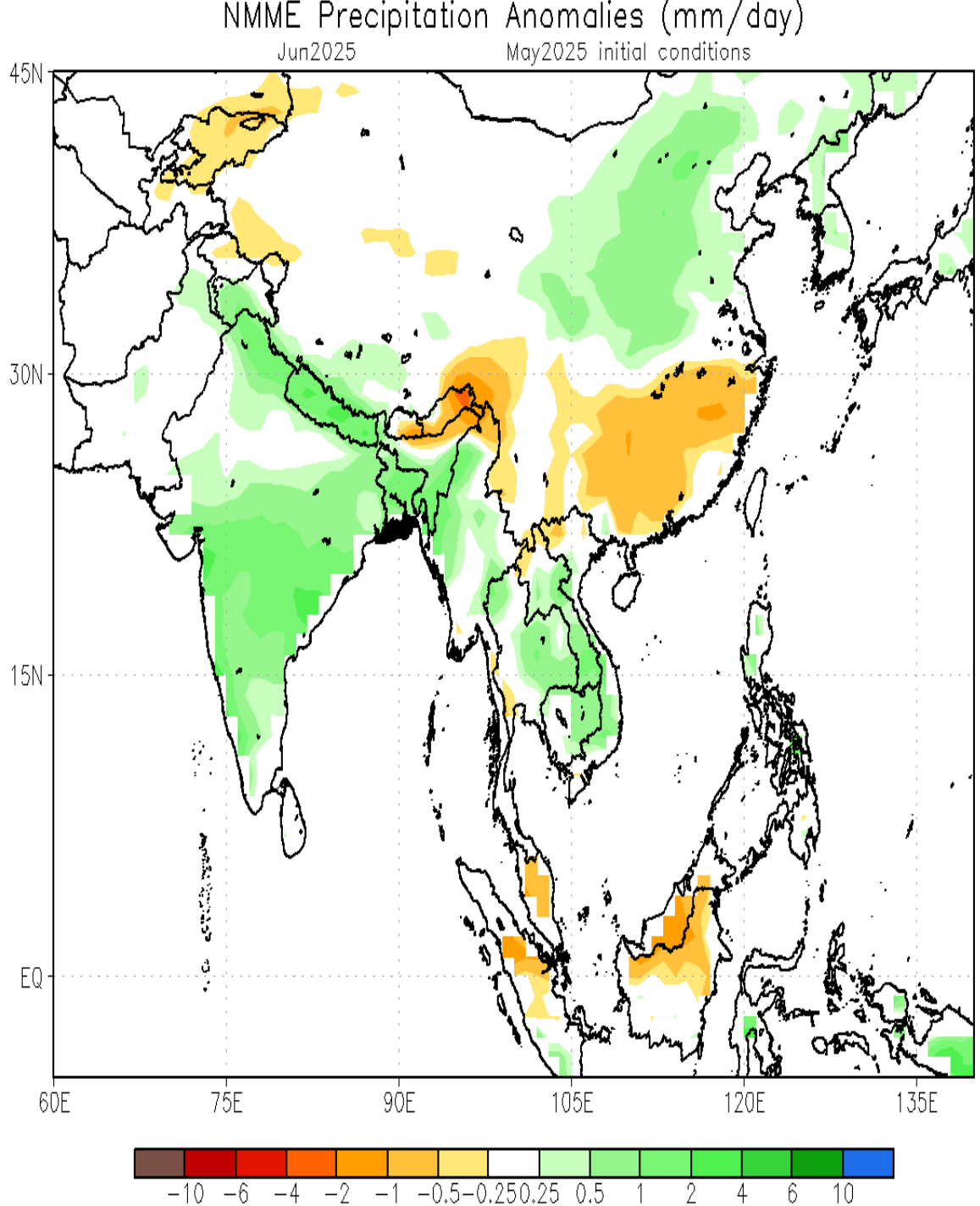
>50% >65% >80%

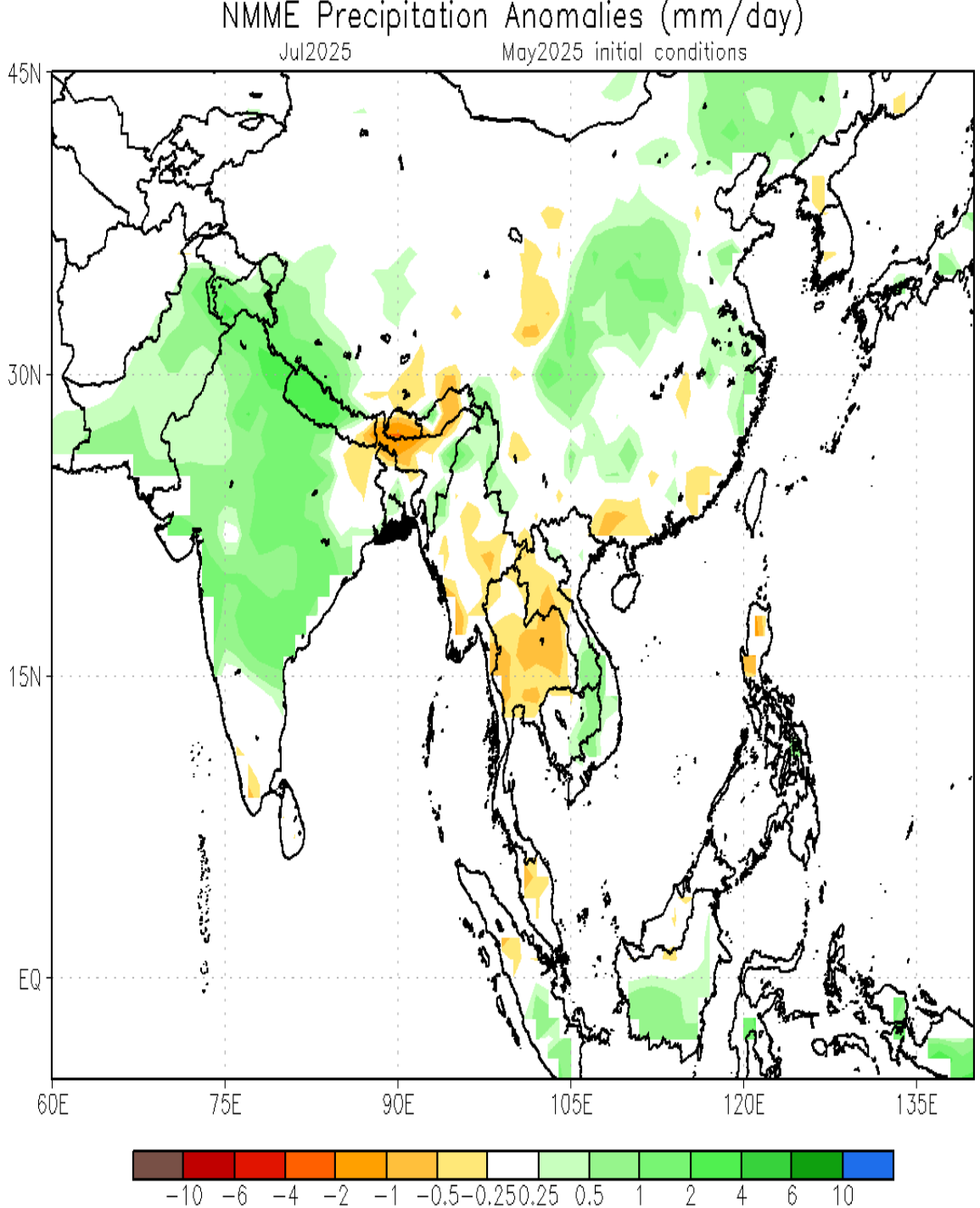
7-day min temperatures in the Lower third of the historical range

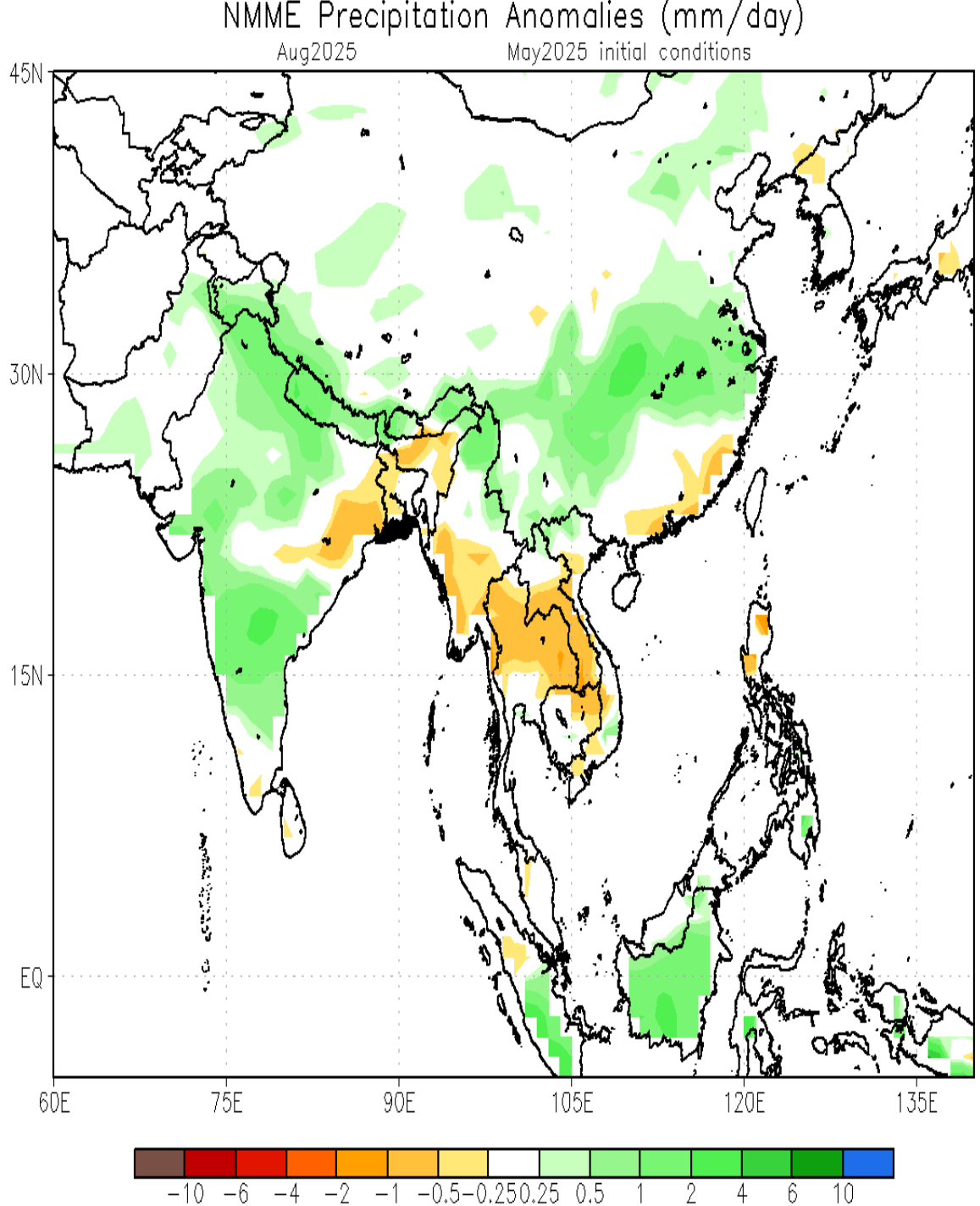
Issued: 05/06/2025

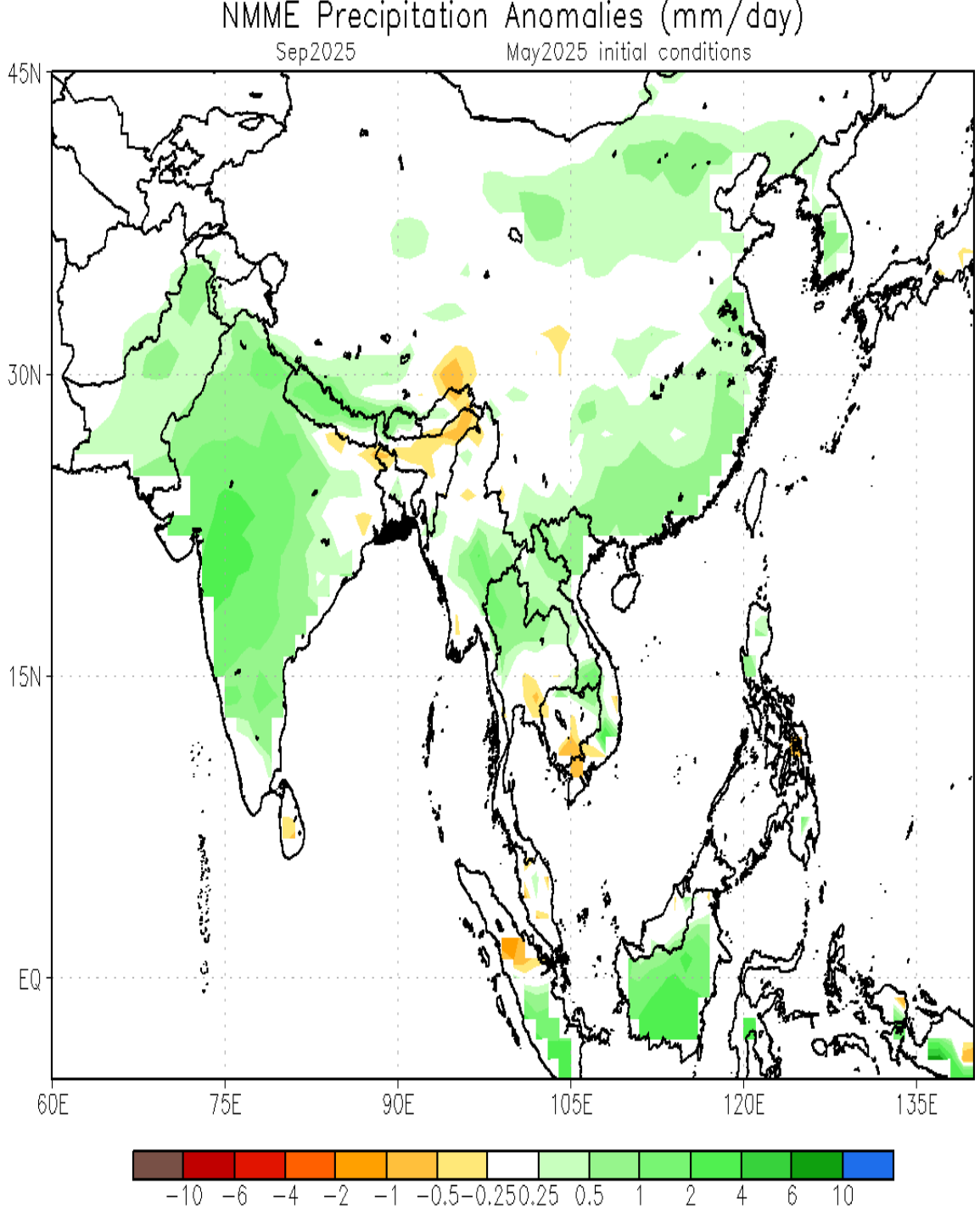
Forecaster: Novella

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
45N
30N
15N
EQ
60E
75E
90E
105E
120E
135E
−10 −6 −4 −2 −1 −0.5 −0.25 0.25 0.5 1 2 4 6 10


NMME Precipitation Anomalies (mm/day)
Jul2025
May2025 initial conditions
45N
30N
15N
EQ
60E
75E
90E
105E
120E
135E
−10 −6 −4 −2 −1 −0.5 −0.25 0.25 0.5 1 2 4 6 10


NMME Precipitation Anomalies (mm/day)
Aug2025
May2025 initial conditions
45N
30N
15N
EQ
60E
75E
90E
105E
120E
135E
−10 −6 −4 −2 −1 −0.5 −0.25 0.25 0.5 1 2 4 6 10


NMME Precipitation Anomalies (mm/day)
Sep2025
May2025 initial conditions
45N
30N
15N
EQ
60E
75E
90E
105E
120E
135E
−10 −6 −4 −2 −1 −0.5 −0.25 0.25 0.5 1 2 4 6 10