



**Islamic Emirate of Afghanistan**  
**Ministry of Transport & Aviation**  
**Afghanistan meteorological Department**  
**Forecast Division**  
**Satellite General Management**



Daily reports of Satellite imagery analysis. Date & Time: 04/12/2025, 03:00 UTC

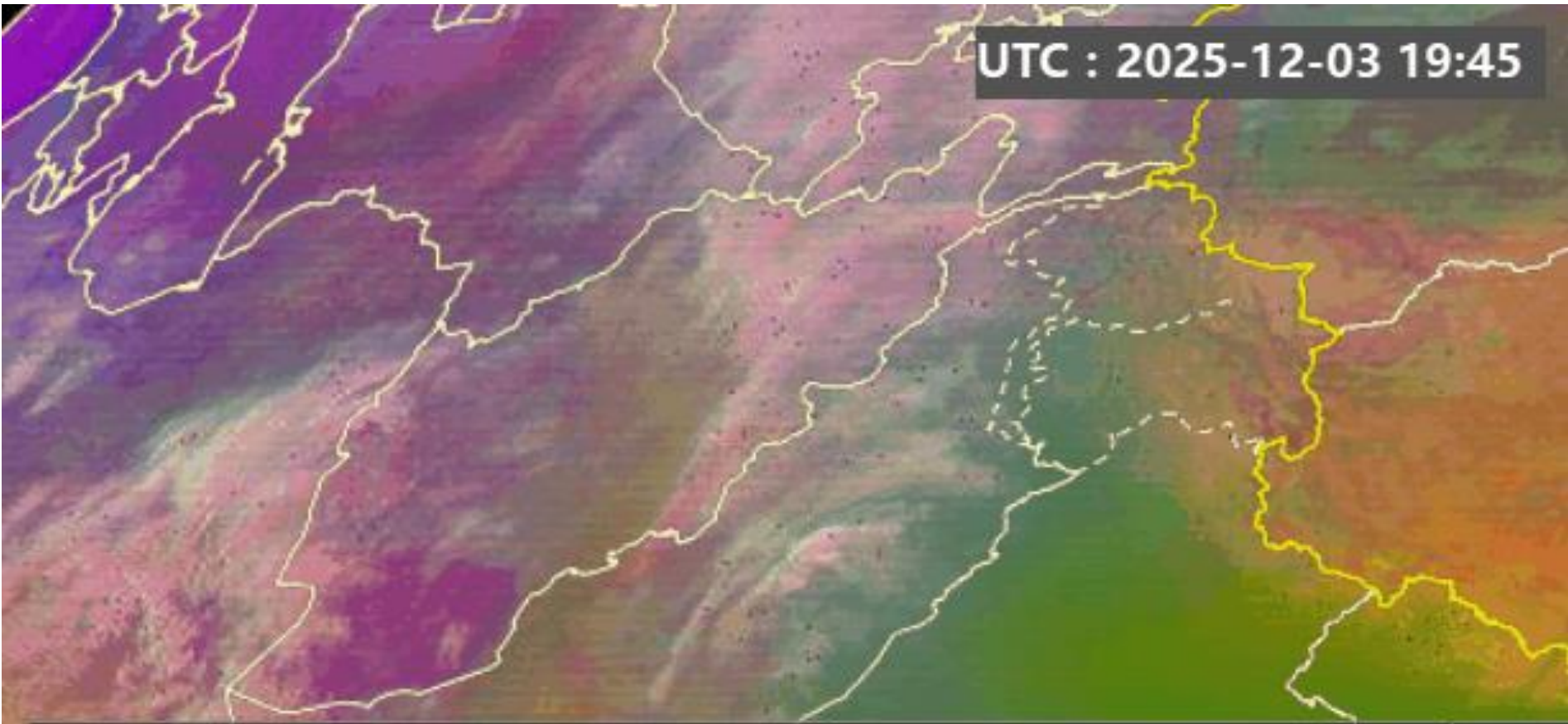
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	✓	X	√ moderate	X	X	
2	South	✓	X	X	✓	X	√ moderate	X	X	
3	West	✓	X	X	✓	X	√ moderate	X	X	
4	East	X	X	X	X	X	√ moderate	X	X	
5	central	✓	X	X	✓	X	√ moderate	X	X	
6	Northeast	X	X	X	✓	X	√ moderate	X	X	
7	Southeast	X	X	X	✓	X	√ moderate	X	X	
8	Northwest	✓	X	X	✓	X	√ moderate	X	X	CB cloud
9	Southwest	✓	X	X	✓	X	√ moderate	X	X	

- **Details:** According to satellite imagery analysis, the northern, southern, western, central, northwestern and southwestern regions have cold air mass. The northern, southern, western, central, southeastern, northwestern, southwestern regions have cloudy sky. The all regions have moderate water vapor.

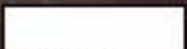
**Note: X (Not existing phenomena), √ (exist phenomena)**

- Reported by: Esmatullah Mohammadi

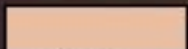
UTC : 2025-12-03 19:45



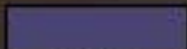
AirMass



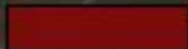
Thick, high-level cloud



Thick, mid-level cloud



Thick, low-level cloud



Jet



Cold Airmass



Warm Airmass (high UTH)



Warm Airmass (low UTH)

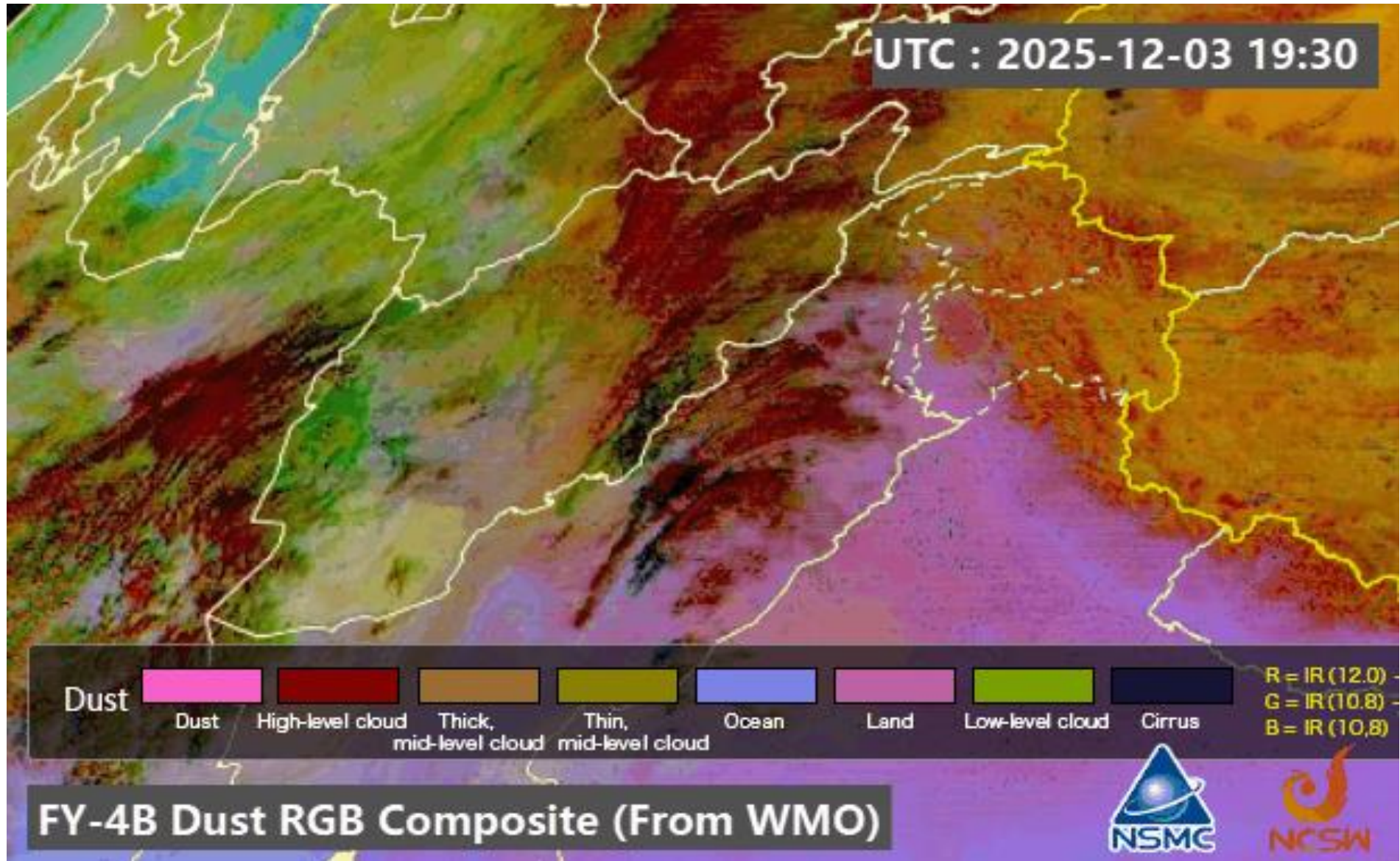
R = WV (6.3)  
G = IR (8.6)  
B = WV (6.3)

FY-4B AirMass RGB Composite (From WMO)

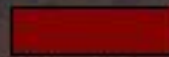
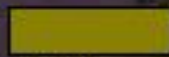






UTC : 2025-12-03 19:30



Dust

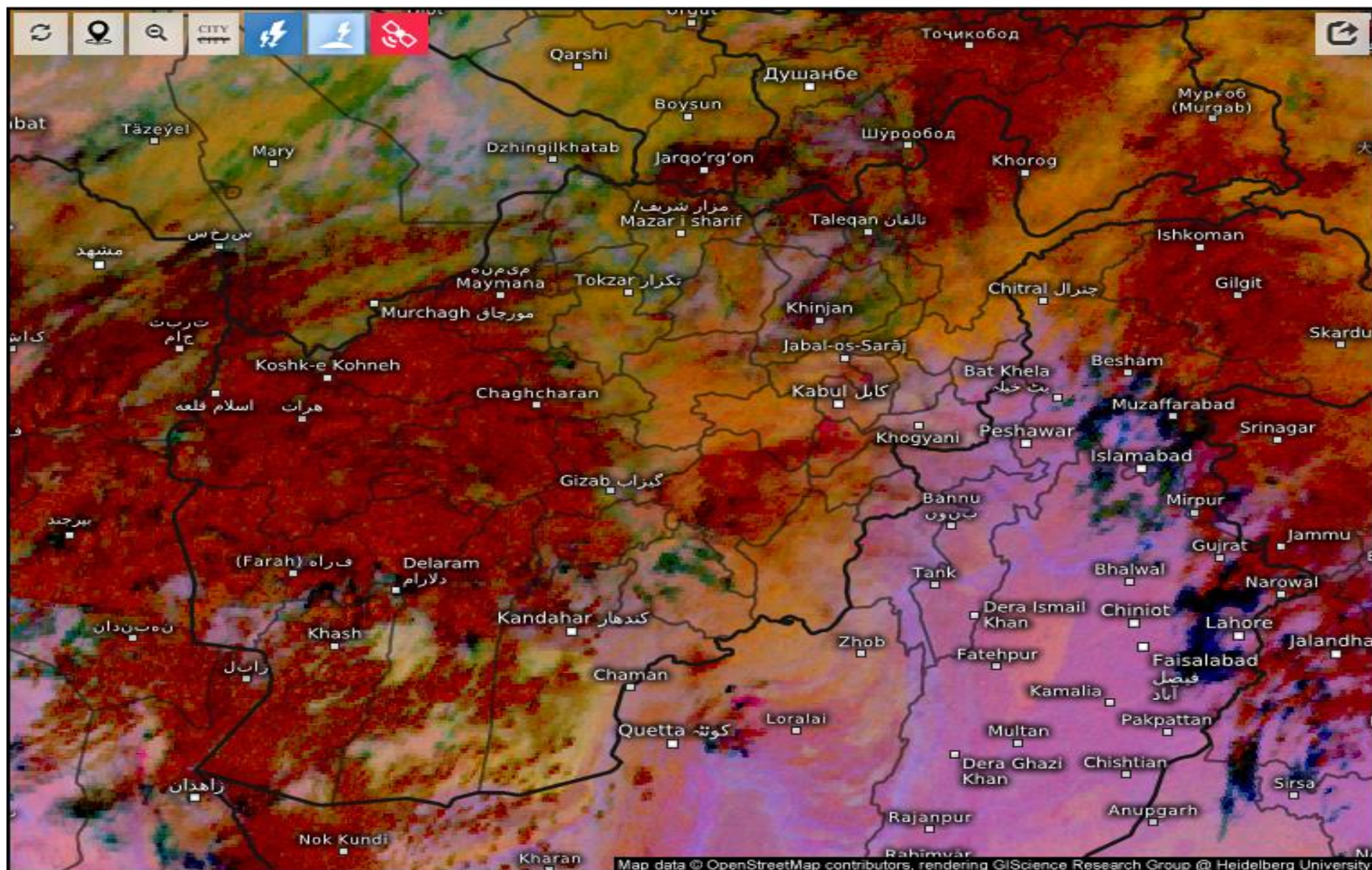
							
Dust	High-level cloud	Thick, mid-level cloud	Thin, mid-level cloud	Ocean	Land	Low-level cloud	Cirrus

R = IR (12.0)  
G = IR (10.8)  
B = IR (10.8)

**FY-4B Dust RGB Composite (From WMO)**







## Satellite Dust

Thu 12/04/2025, 07:15am GMT+0430





## Satellite Water Vapor i

Thu 12/04/2025, 07:15am GMT+0430

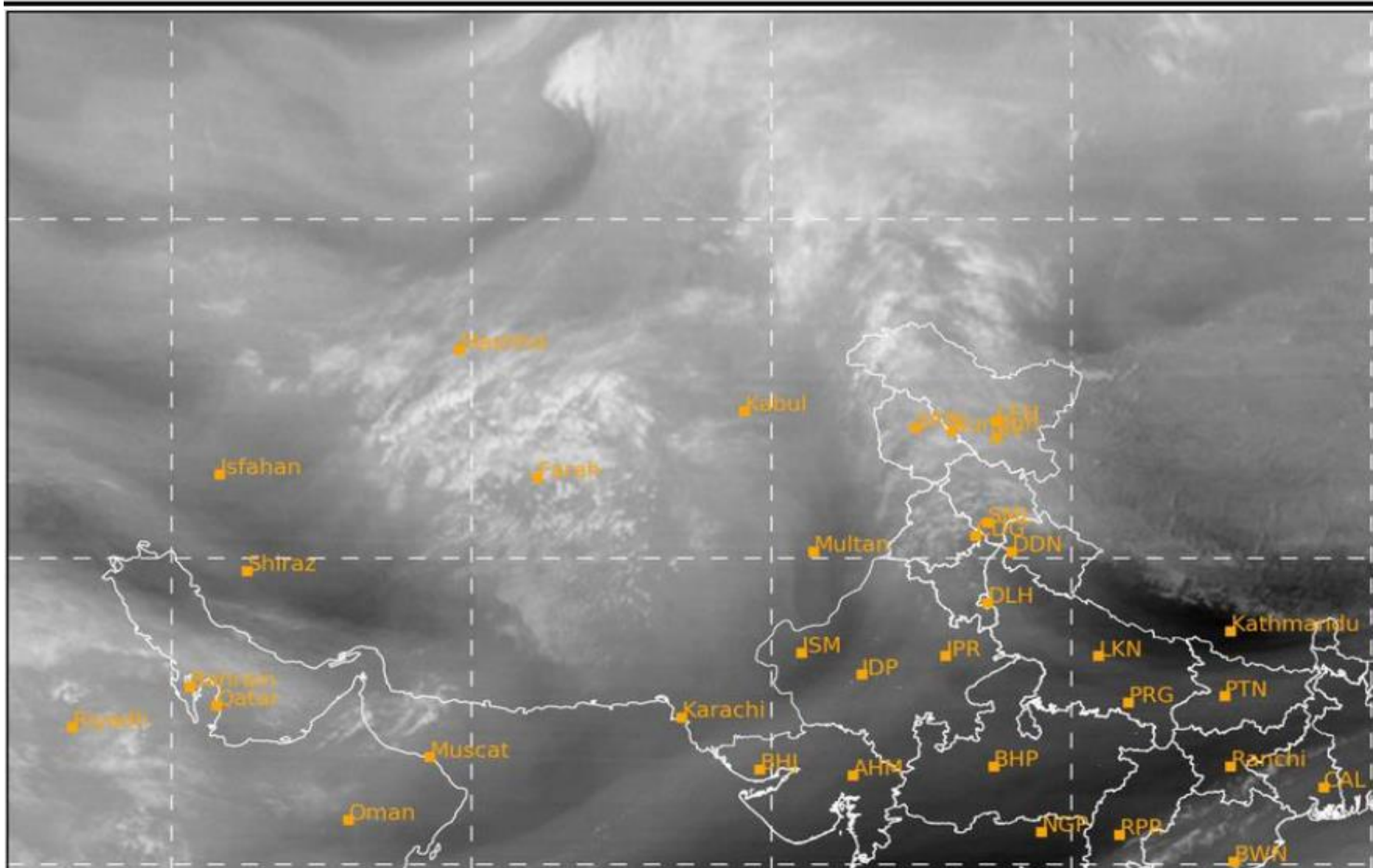


wet/cold

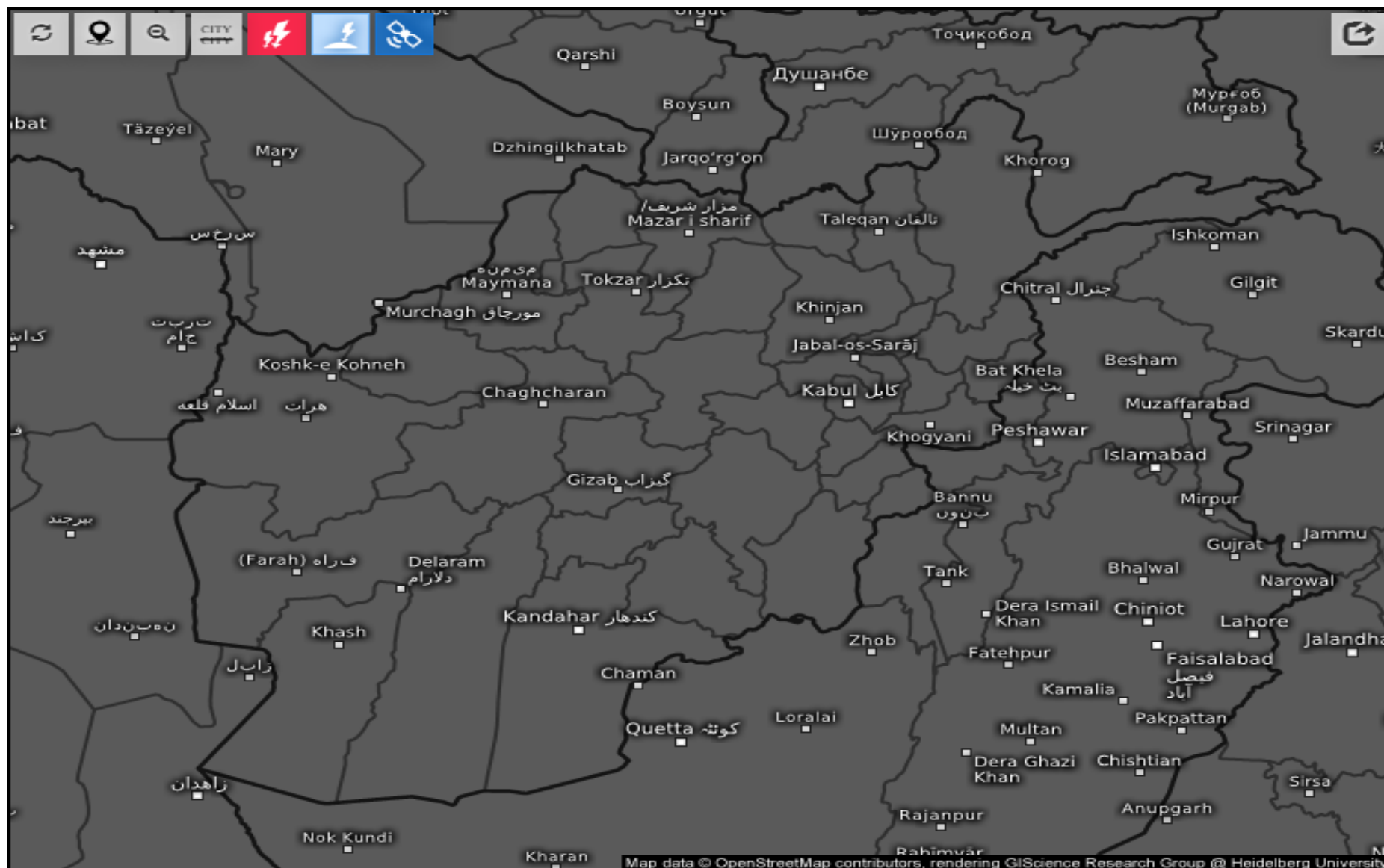
dry/warm

SAT : INSAT-3DR IMG  
IMG\_WV 6.8 um  
LIC Mercator

04-12-2025/(0315 to 0342) GMT  
04-12-2025/(0845 to 0912) IST

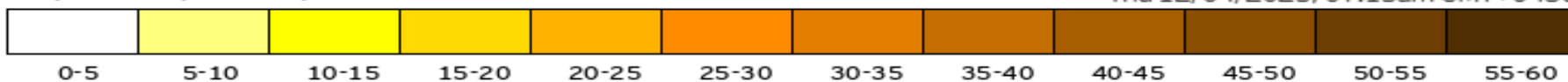






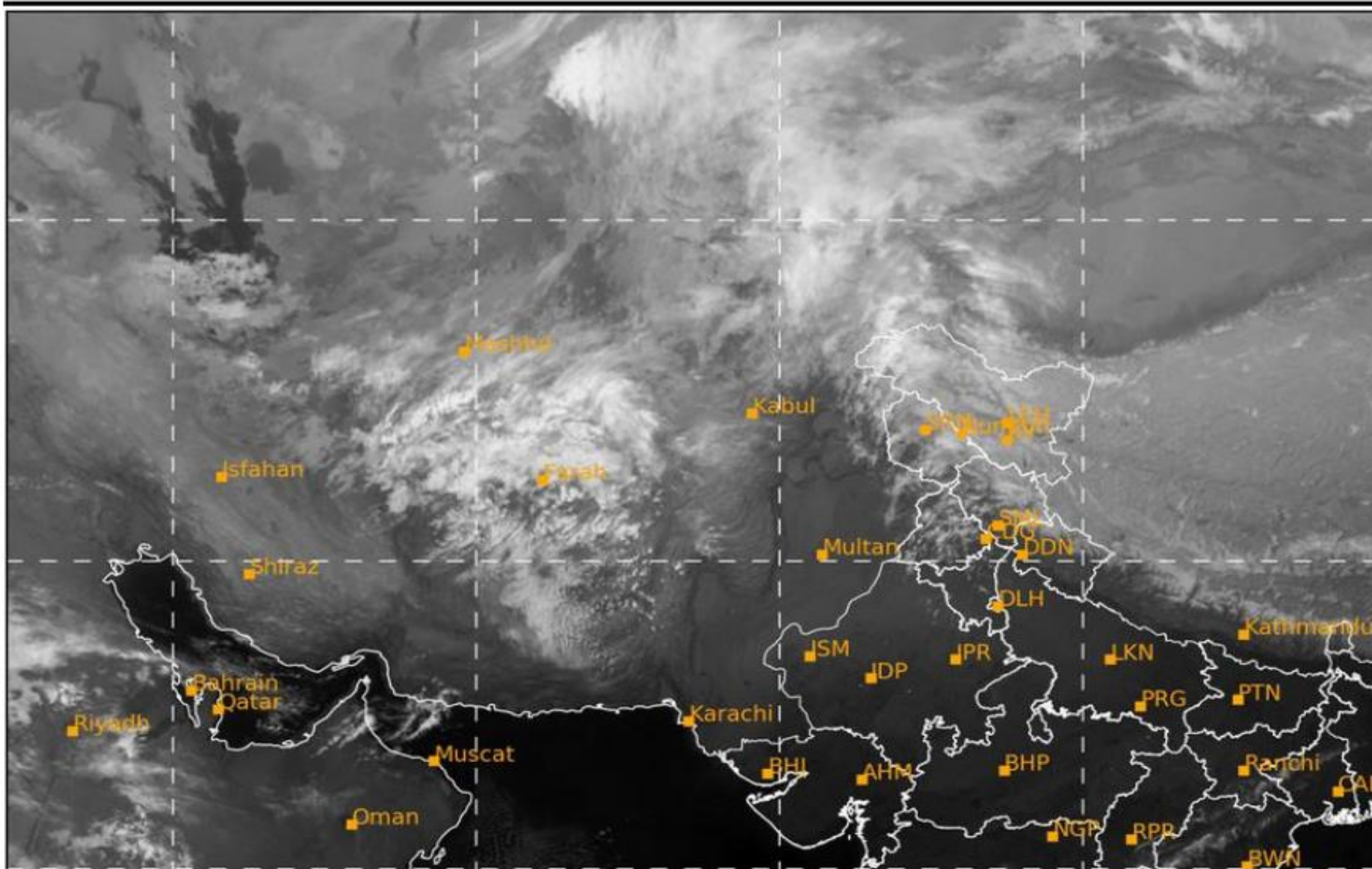
### Age of lightning (minutes) i

Thu 12/04/2025, 07:15am GMT+0430



SAT : INSAT-3DR IMG  
IMG\_TIR1 10.8 um  
L1C Mercator

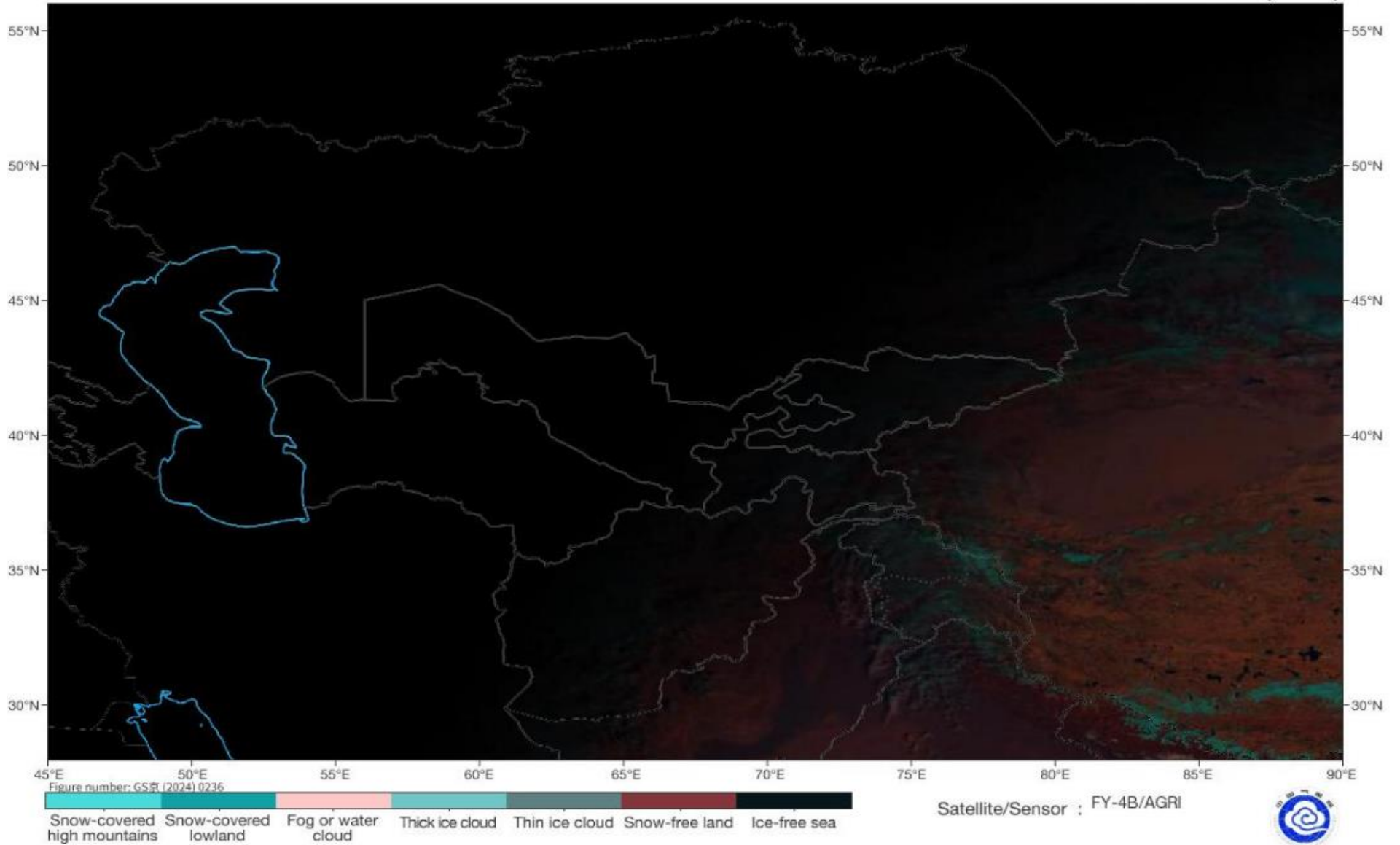
04-12-2025/(0315 to 0342) GMT  
04-12-2025/(0845 to 0912) IST





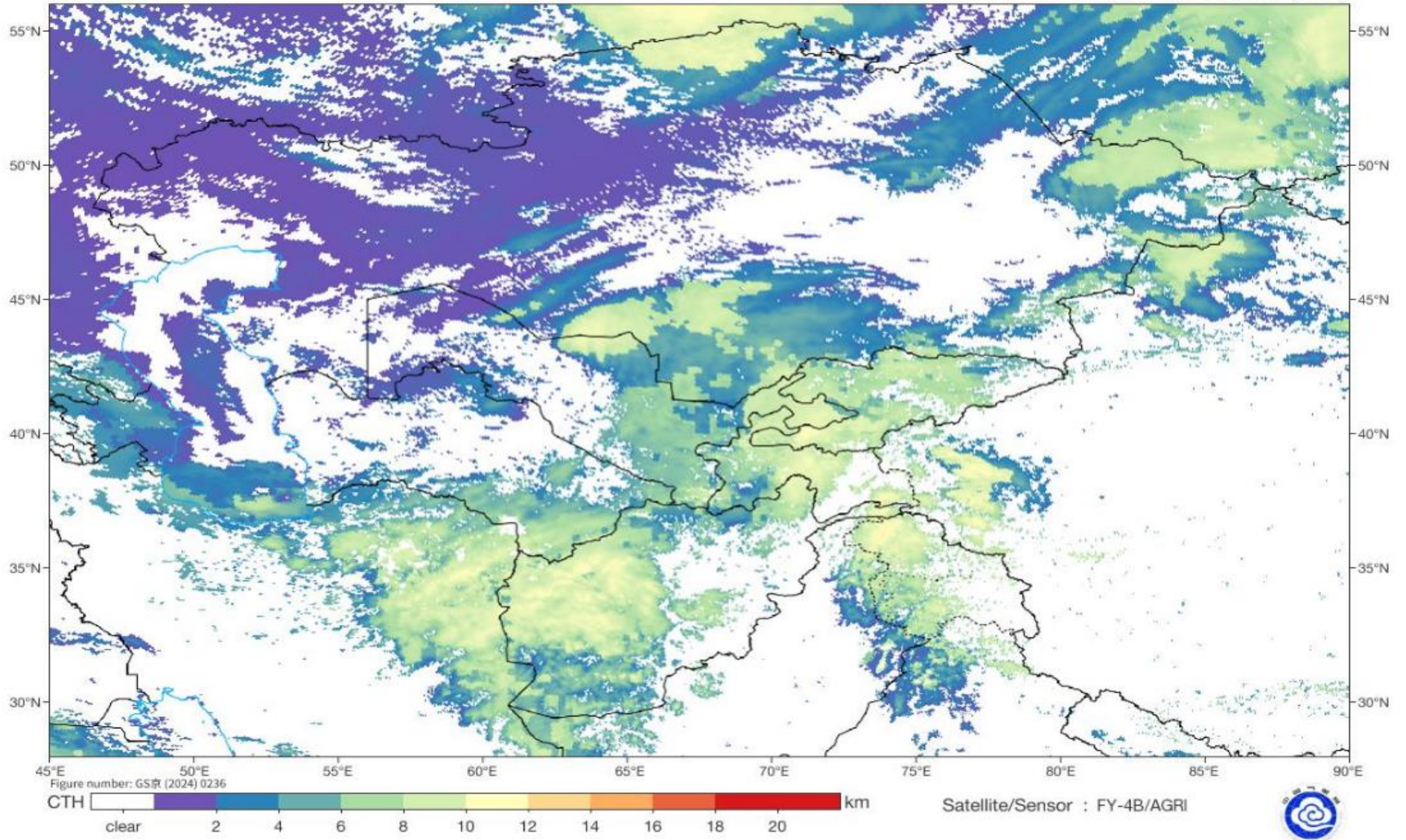
# Fog Identification

2025-12-04 03:15(UTC)



# Cloud Top Height

2025-12-04 03:15(UTC)





# Live satellite map, Afghanistan

