



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



Daily reports of Satellite imagery analysis. Date & Time: 17/05/2025, 03:00 UTC, Number of reports: 980

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	√ Weak	X	X	
3	West	✓	✓	X	X	X	√ Weak	X	X	
4	East	✓	X	X	X	X	√ Weak	X	X	
5	central	✓	✓	X	X	X	√ Weak	X	X	
6	Northeast	✓	X	X	X	X	√ Weak	X	X	
7	Southeast	✓	✓	X	X	X	√ Weak	X	X	
8	Northwest	✓	✓	X	X	✓	√ moderate	X	X	
9	Southwest	✓	✓	X	X	X	√ Weak	X	X	

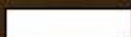
Details: According to satellite imagery analysis, the northern, southern, western, eastern, central, northeastern, southeastern, northwestern, and southwestern areas have warm air mass. The northern, southern, western, central, southeastern, northwestern, and southwestern areas have dust. Some parts of northwestern areas have fog. Some parts of northern and northwestern areas have moderate water vapor. The southern, western, eastern, central, northeastern, southeastern, and southwestern areas have weak water vapor.

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

- Reported by: Sayed Taher Atlas

UTC : 2025-05-17 01:00

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 (6.25) - WV (7.1)

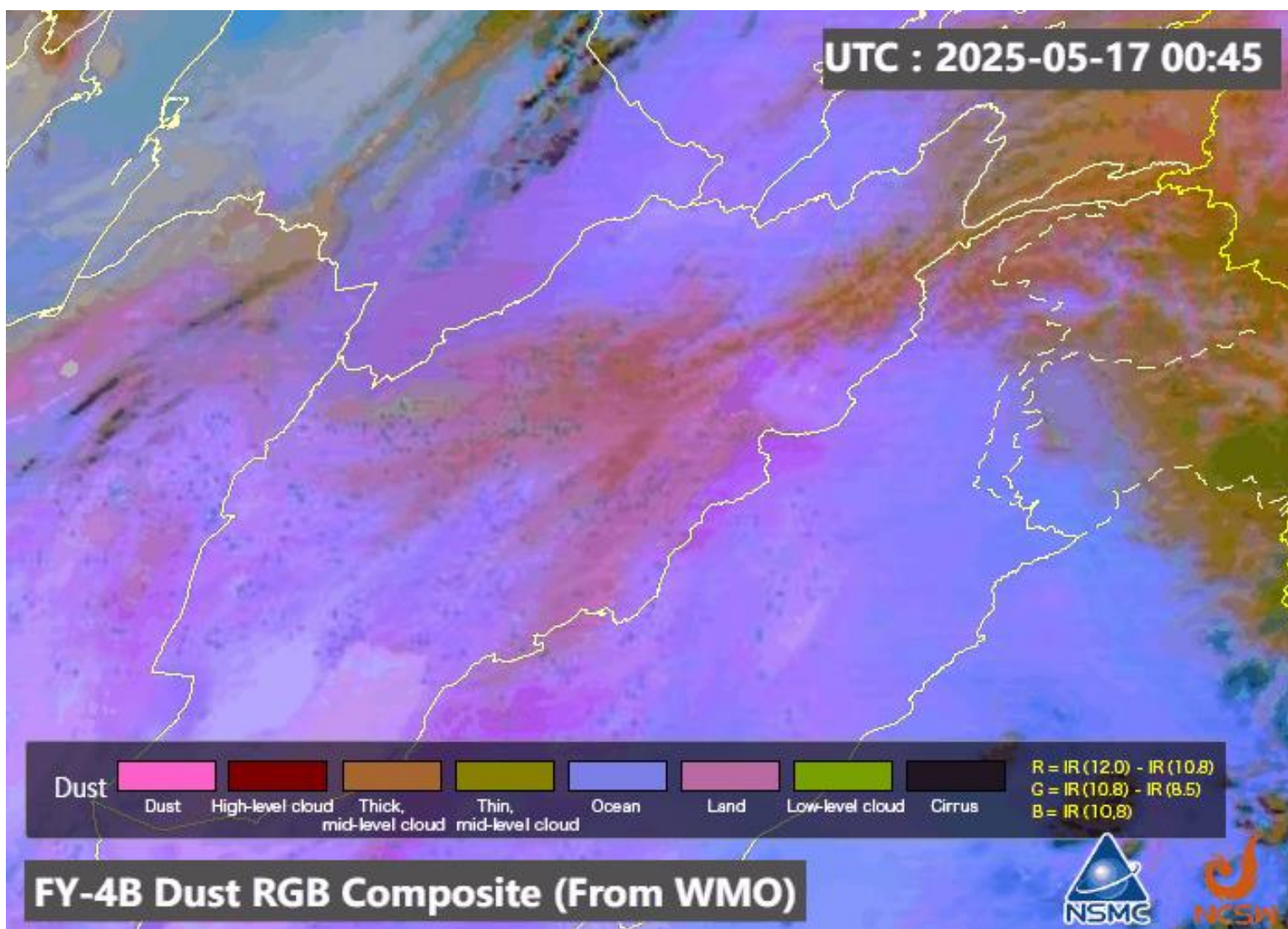
G = IR (8.5) - IR (10.8)

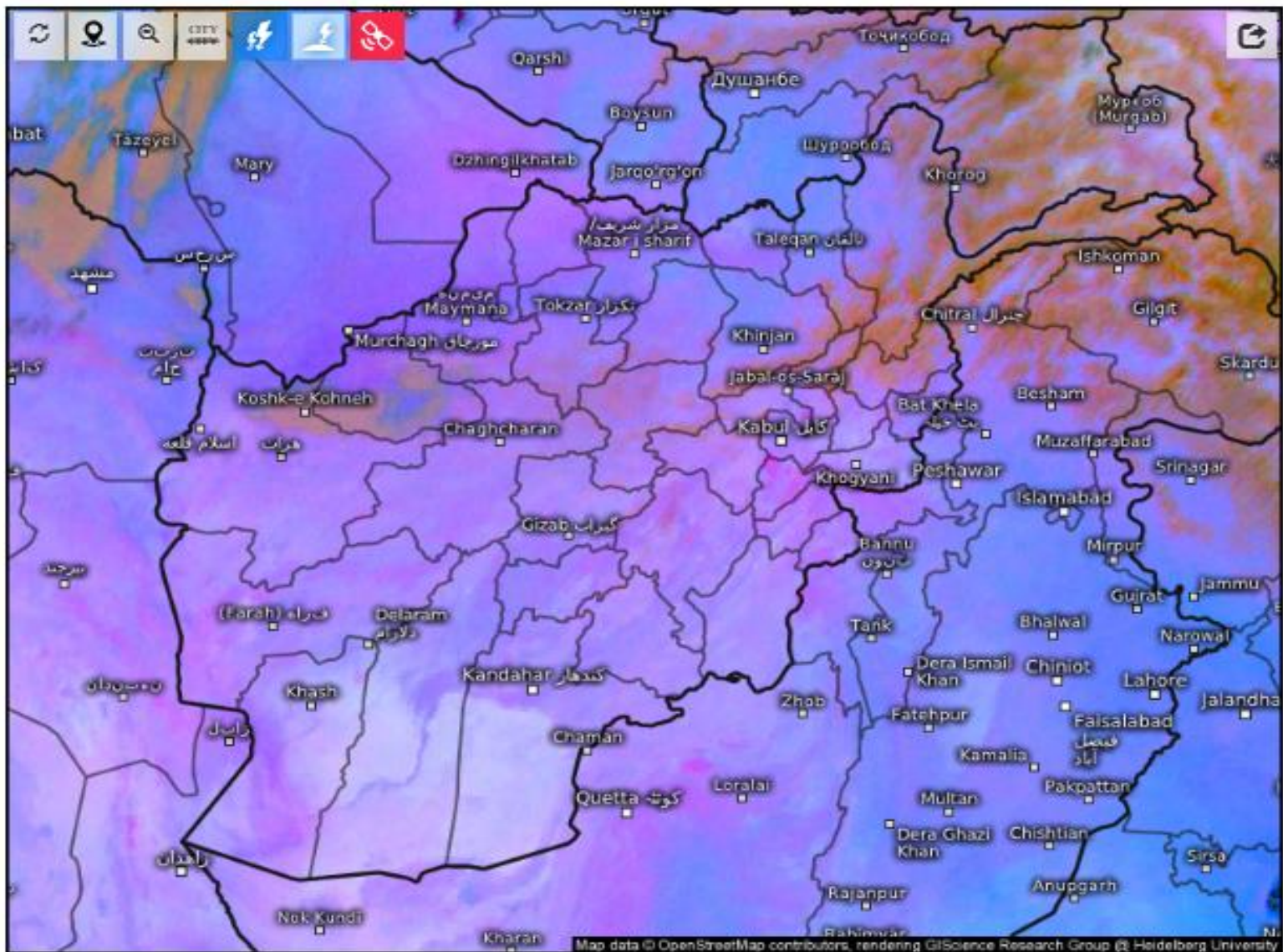
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)



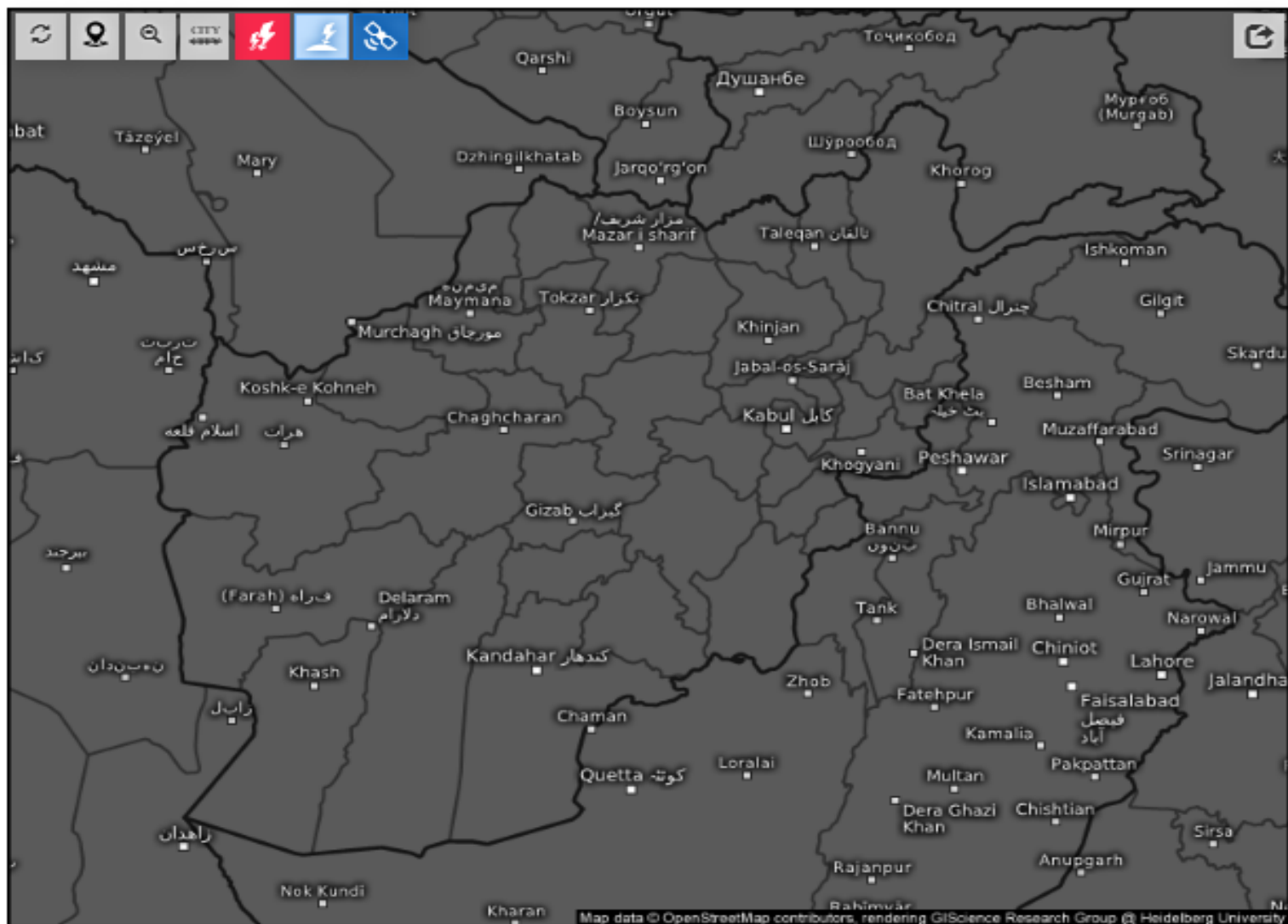
UTC : 2025-05-17 00:45





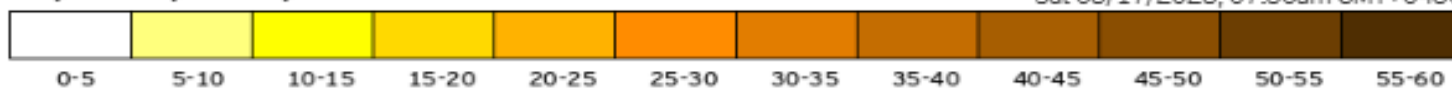
Satellite Dust 

Sat 05/17/2025, 07:30am GMT+0430



Age of lightning (minutes) ⓘ

Sat 05/17/2025, 07:30am GMT+0430

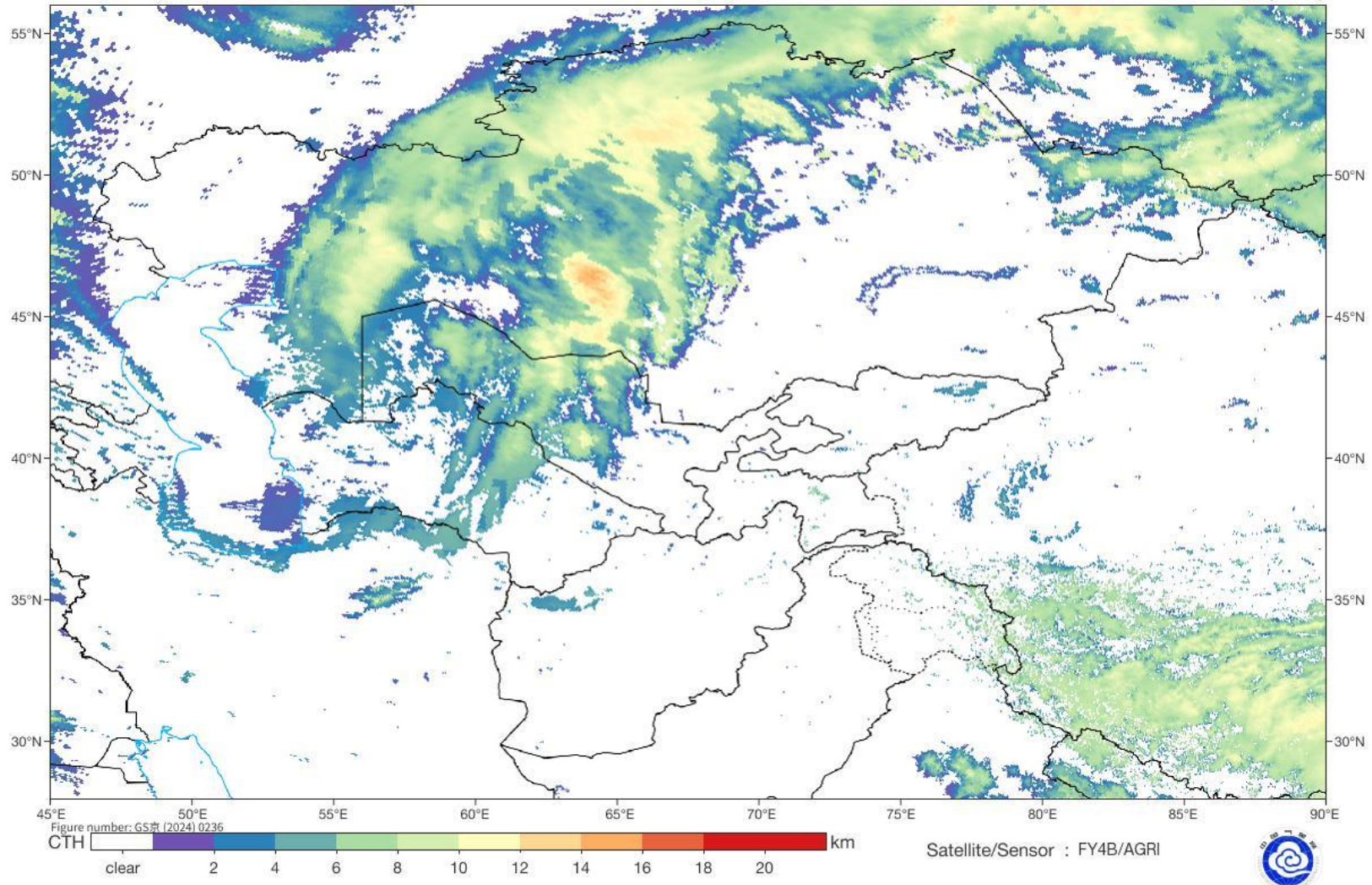


Live satellite map, Afghanistan



Cloud Top Height

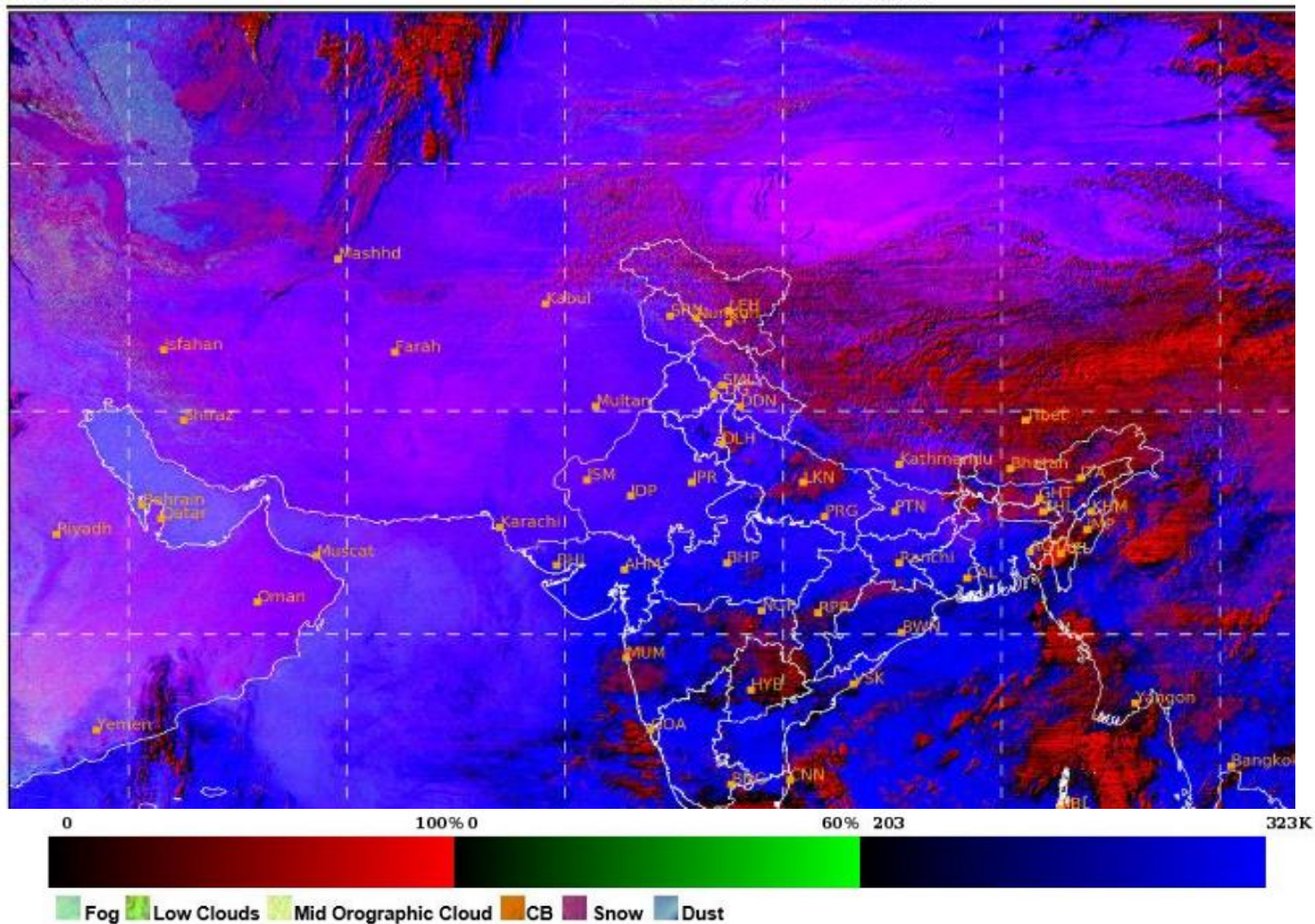
2025-05-17 03:00(UTC)



17-05-2025/(0245 to 0312) GMT

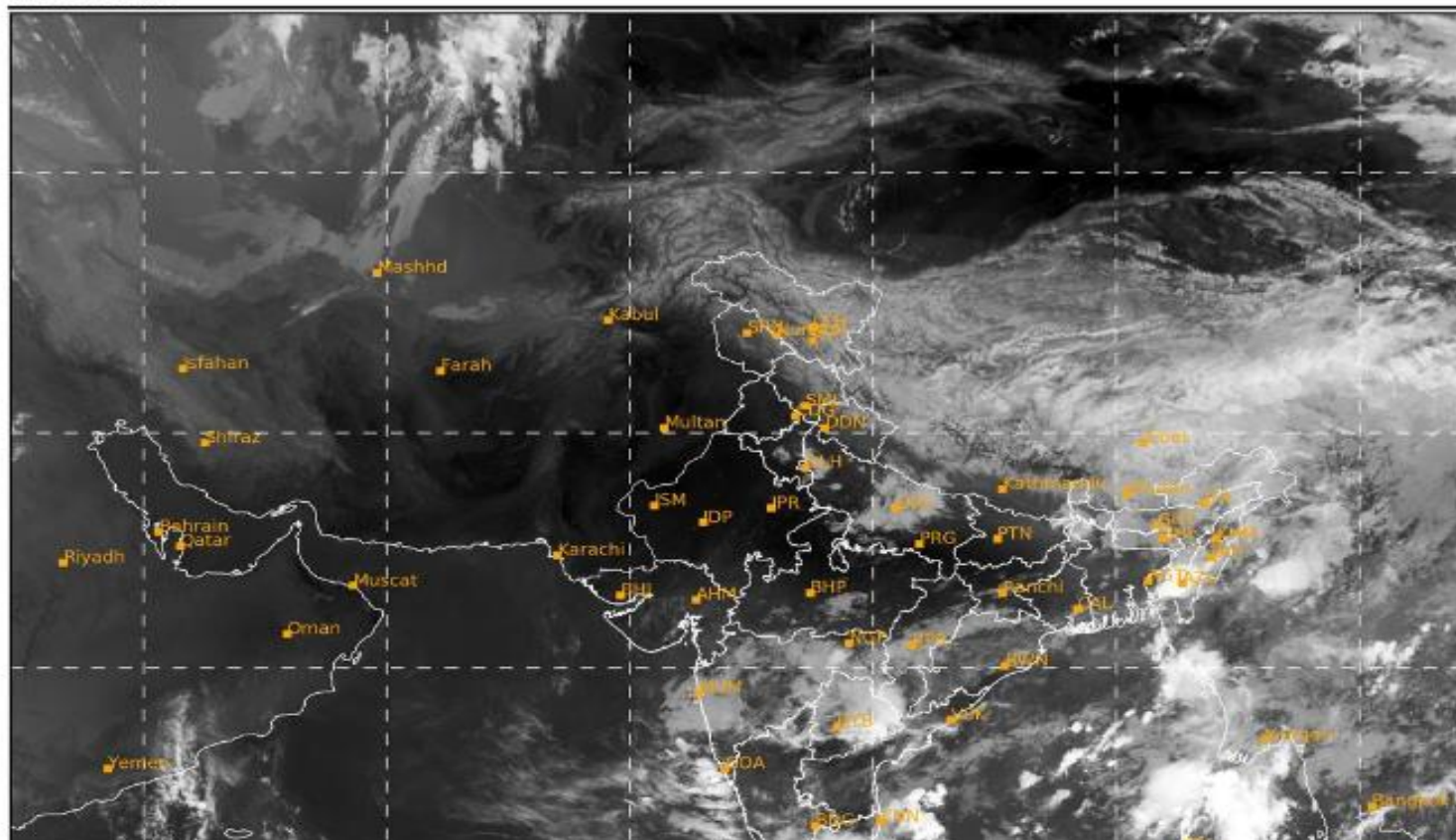
R_BT (C), TIR1_BT (B)

17-05-2025/(0815 to 0842) IST



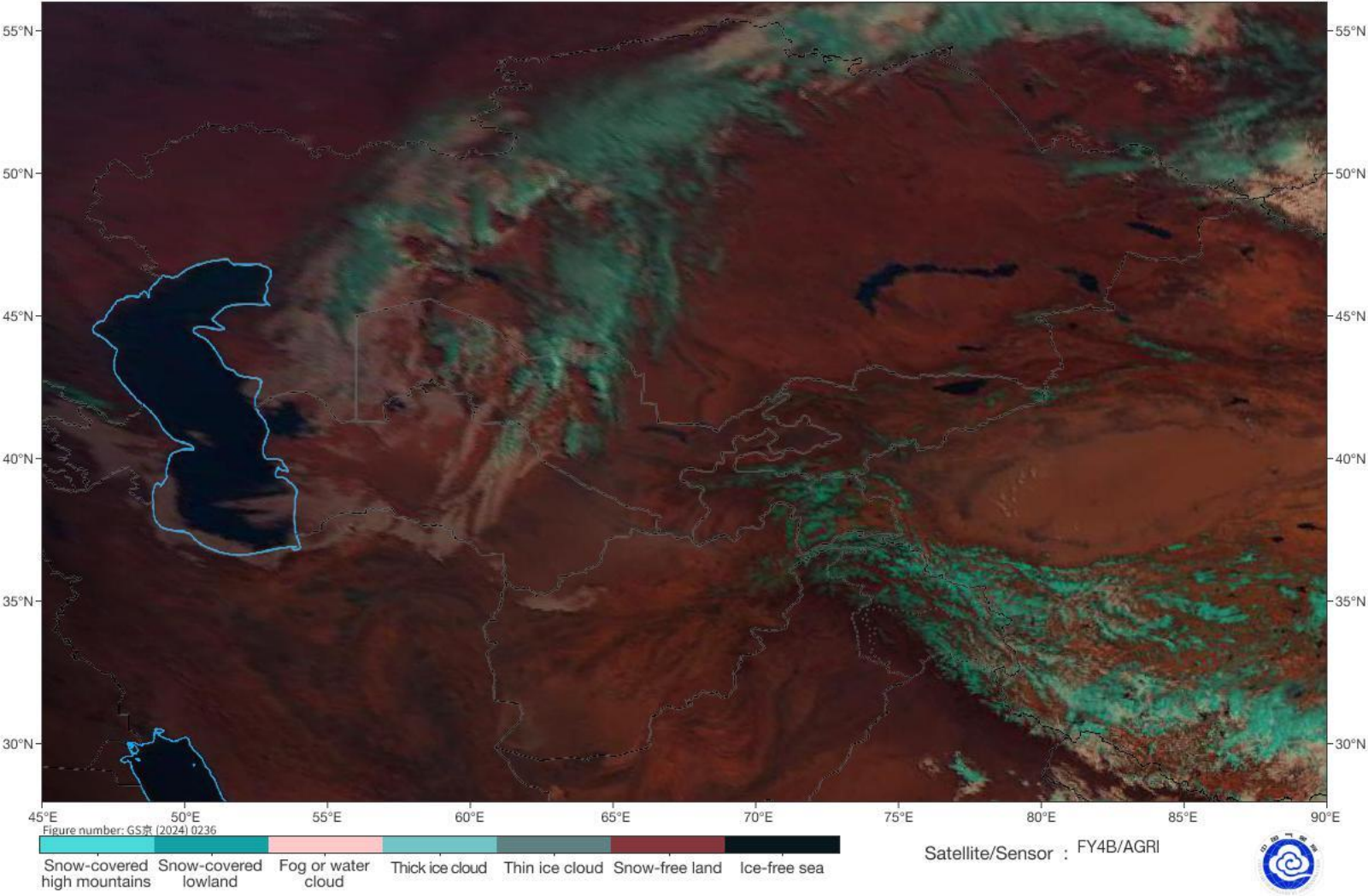
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

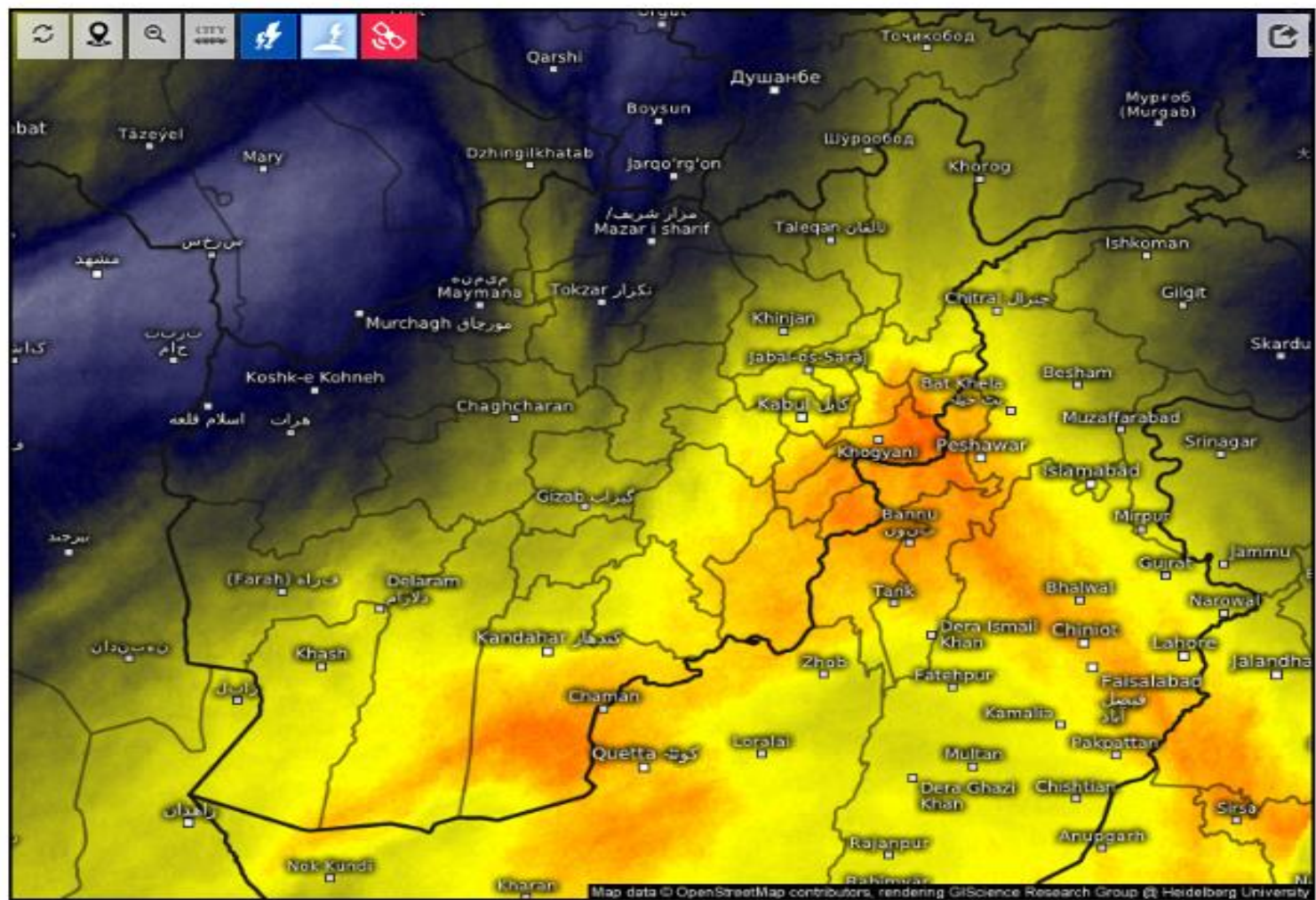
17-05-2025/(0245 to 0312) GMT
17-05-2025/(0815 to 0842) IST



Fog Identification

2025-05-17 03:00(UTC)





Satellite Water Vapor

Sat 05/17/2025, 07:30am GMT+0430

