



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



Daily reports of Satellite imagery analysis. Date & Time: 16/06/2025, 03:00 UTC, Number of reports: 1044

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	√ Dry	X	X	
2	South	X	X	X	X	X	√ Weak	X	X	
3	West	✓	✓	X	X	X	√ Dry	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	X	X	√ Weak	X	X	
8	Northwest	✓	✓	X	X	X	√ Dry	X	X	
9	Southwest	X	✓	X	X	X	√ Dry	X	X	

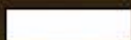
Details: According to satellite imagery analysis, the northern, western, and northwestern areas have warm air mass. The western, central, northwestern, and southwestern areas have dust. Some parts of eastern, central, and northeastern areas have partly cloudy sky. The southern, eastern, central, northeastern,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

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

- Reported by: Sayed Taher Atlas

UTC : 2025-06-16 00:15

AirMass



Thick,
high-level cloud



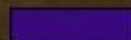
Thick,
mid-level cloud



Thick,
low-level cloud



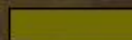
Jet



Cold Airmass



Warm Airmass
(high UTH)



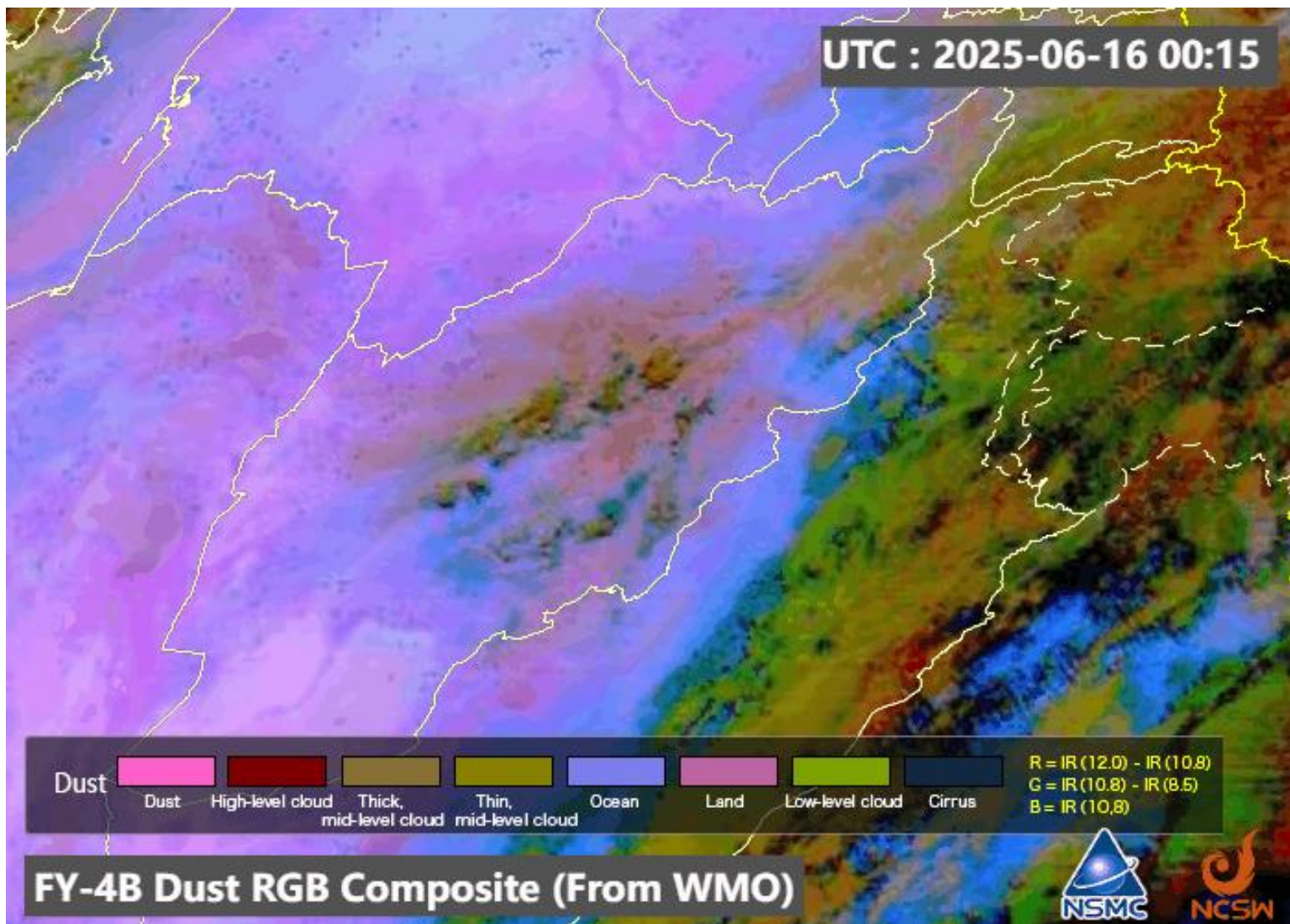
Warm Airmass
(low UTH)

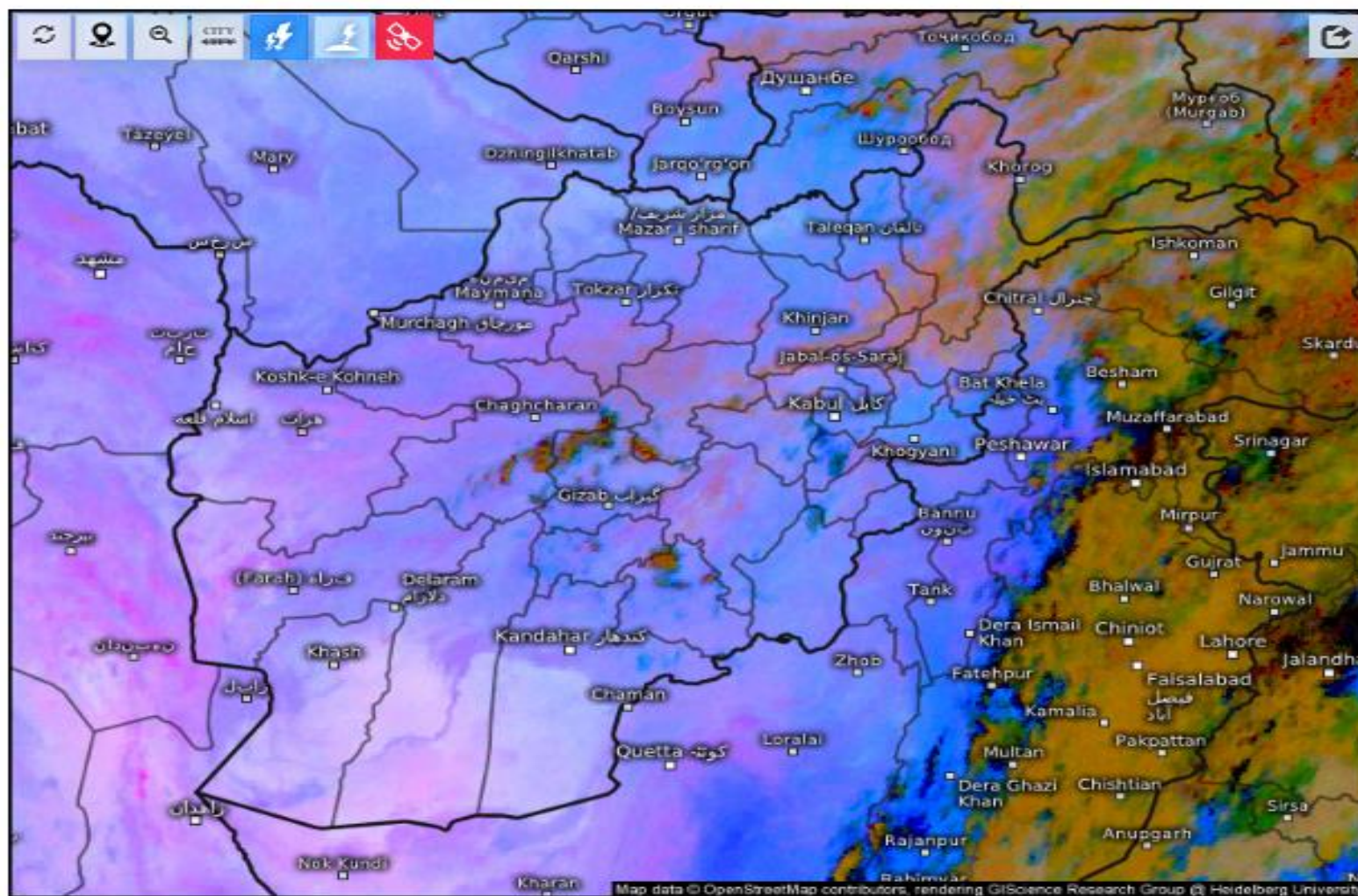
R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)



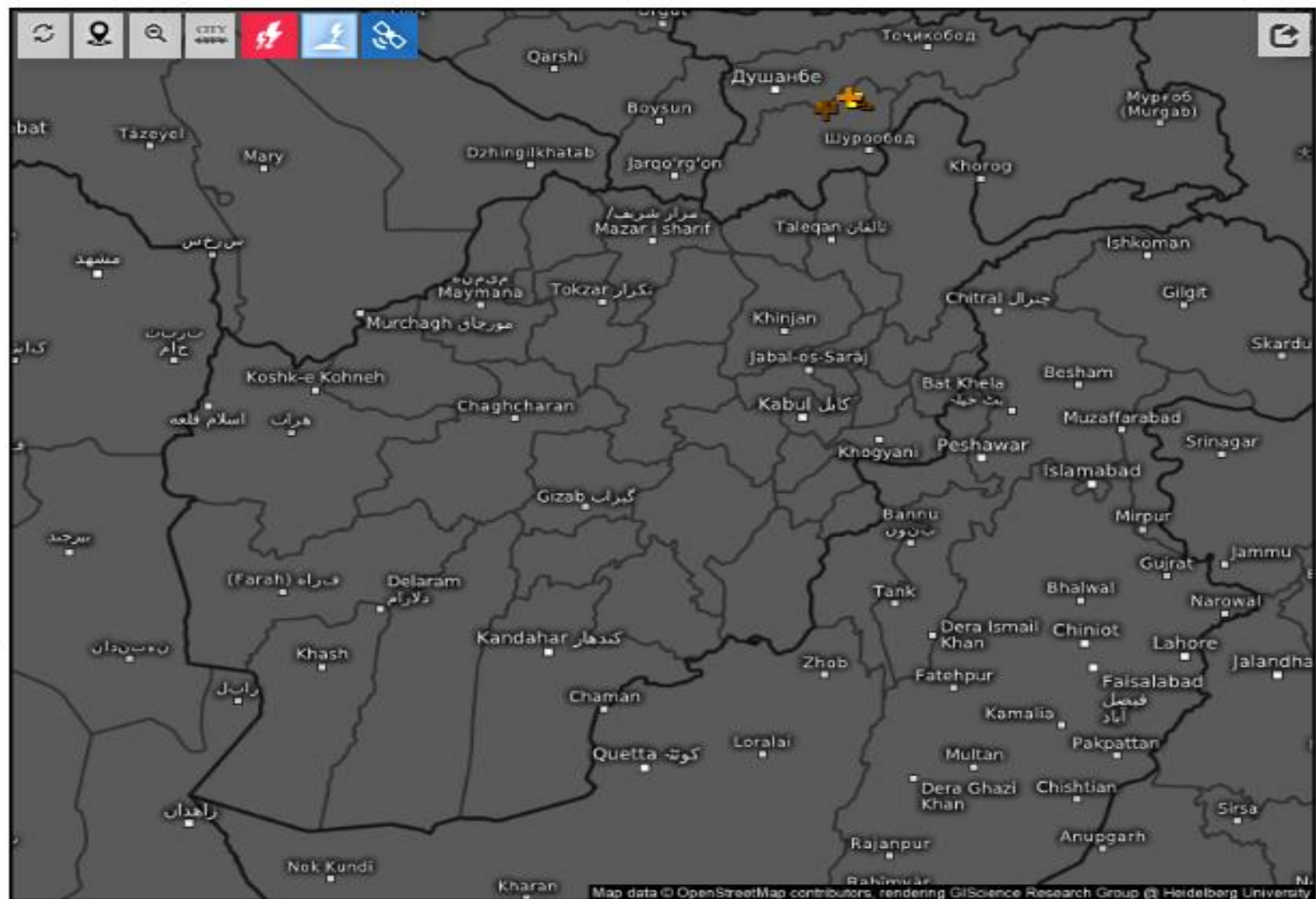
UTC : 2025-06-16 00:15





Satellite Dust 

Mon 06/16/2025, 07:30am GMT+0430



Age of lightning (minutes) 

Mon 06/16/2025, 07:30am GMT+0430

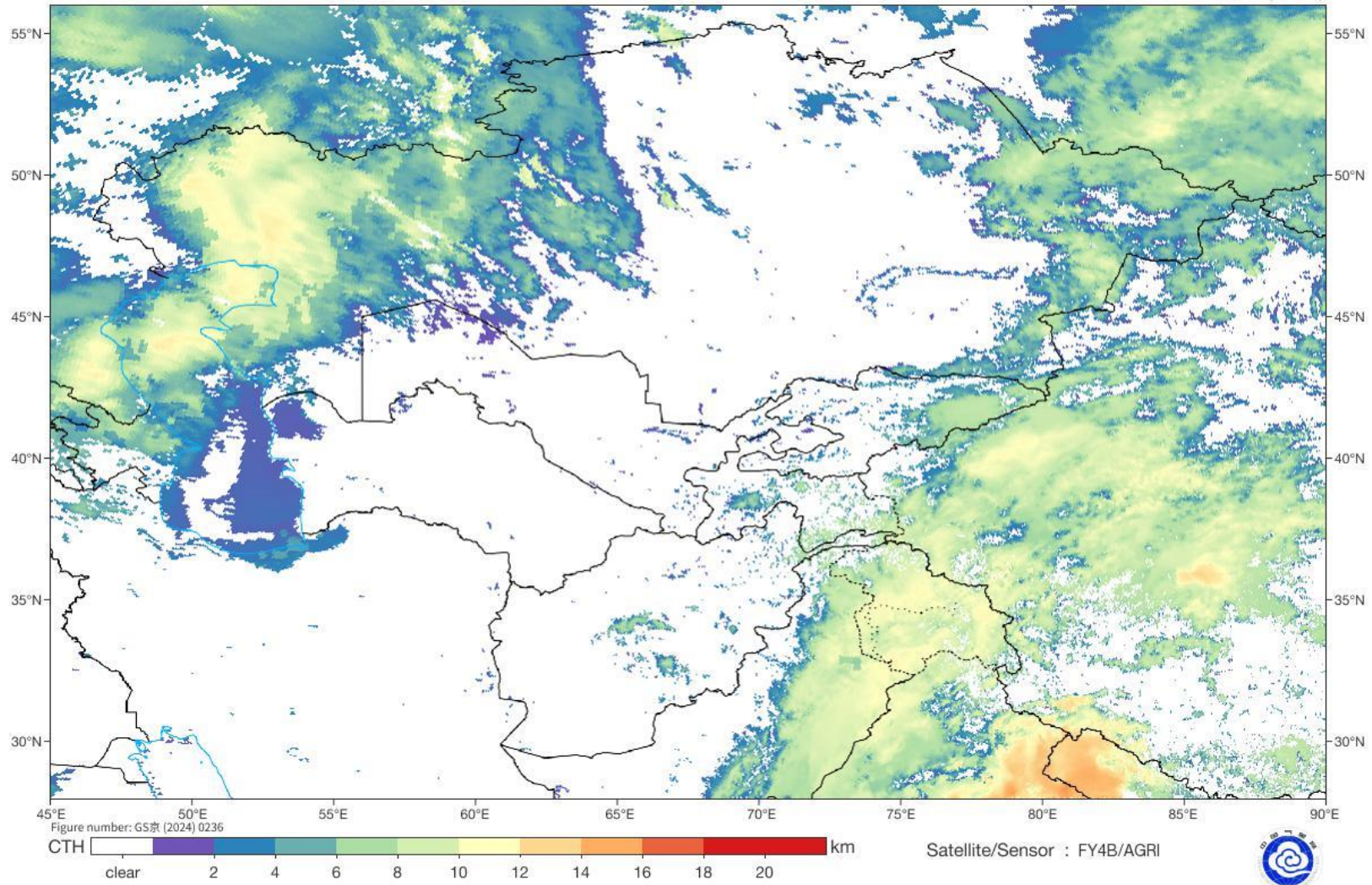


Live satellite map, Afghanistan



Cloud Top Height

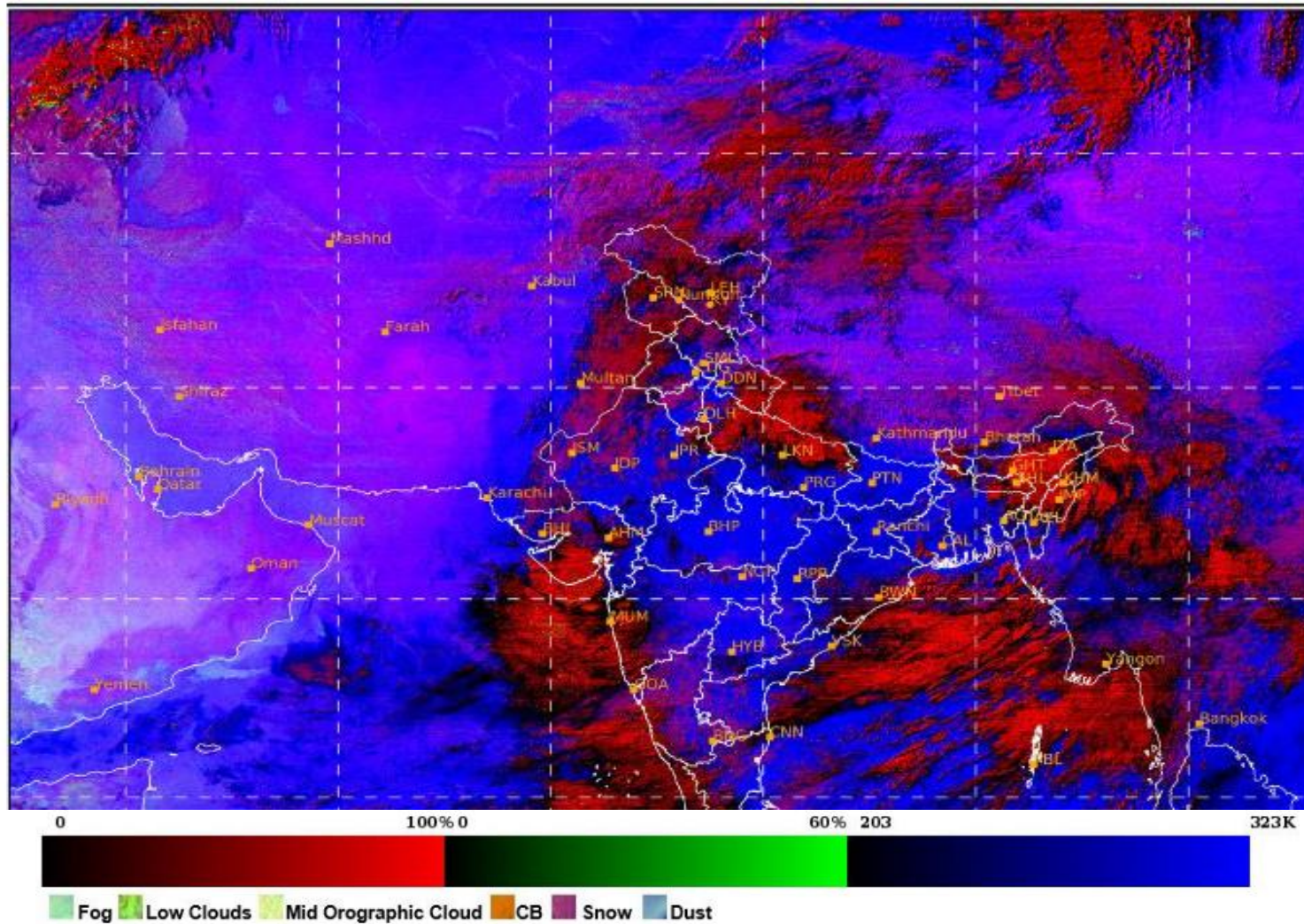
2025-06-16 03:00(UTC)



16-06-2025/(0215 to 0242) GMT

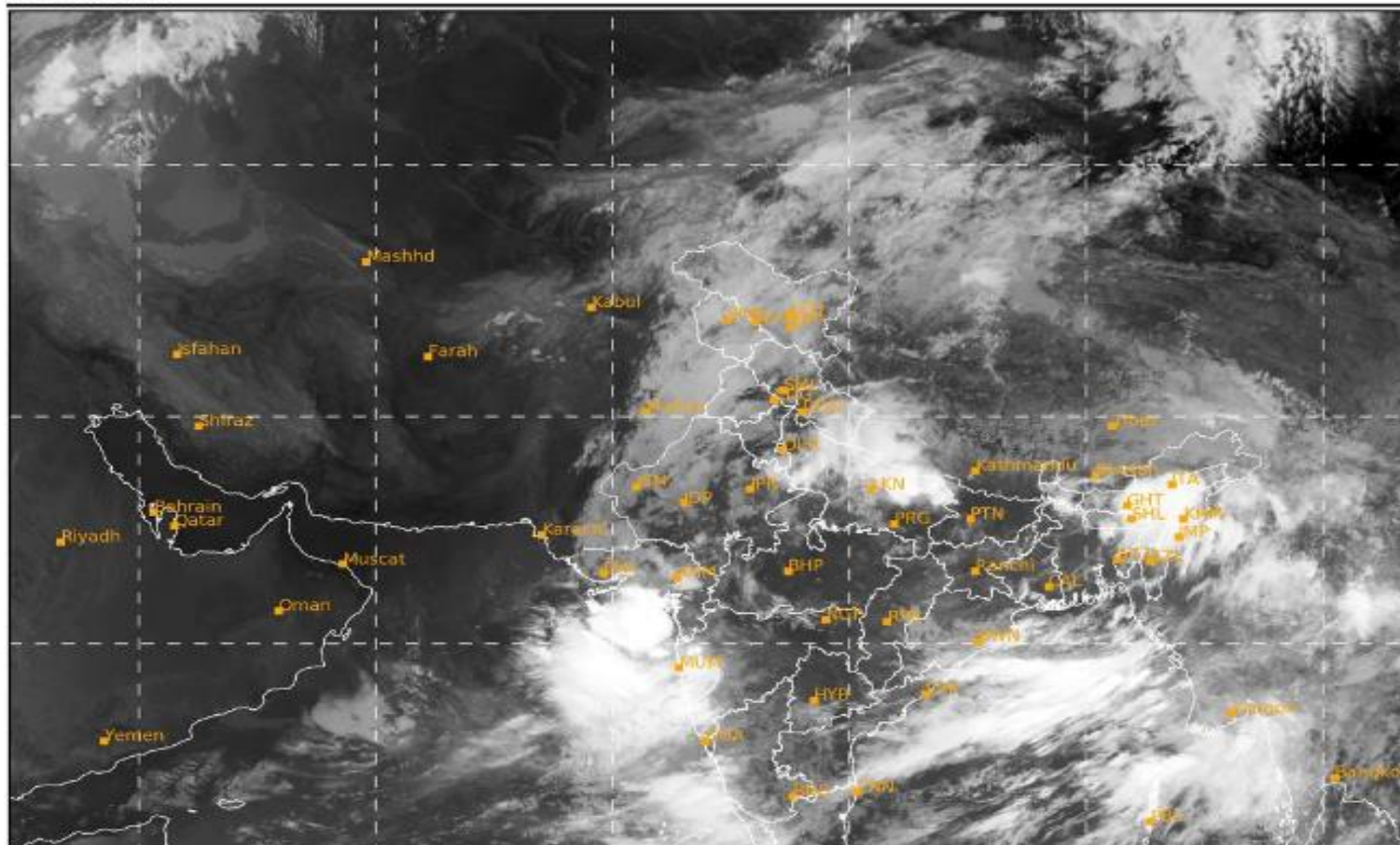
16-06-2025/(0745 to 0812) IST

16-06-2025/(0745 to 0812) IST



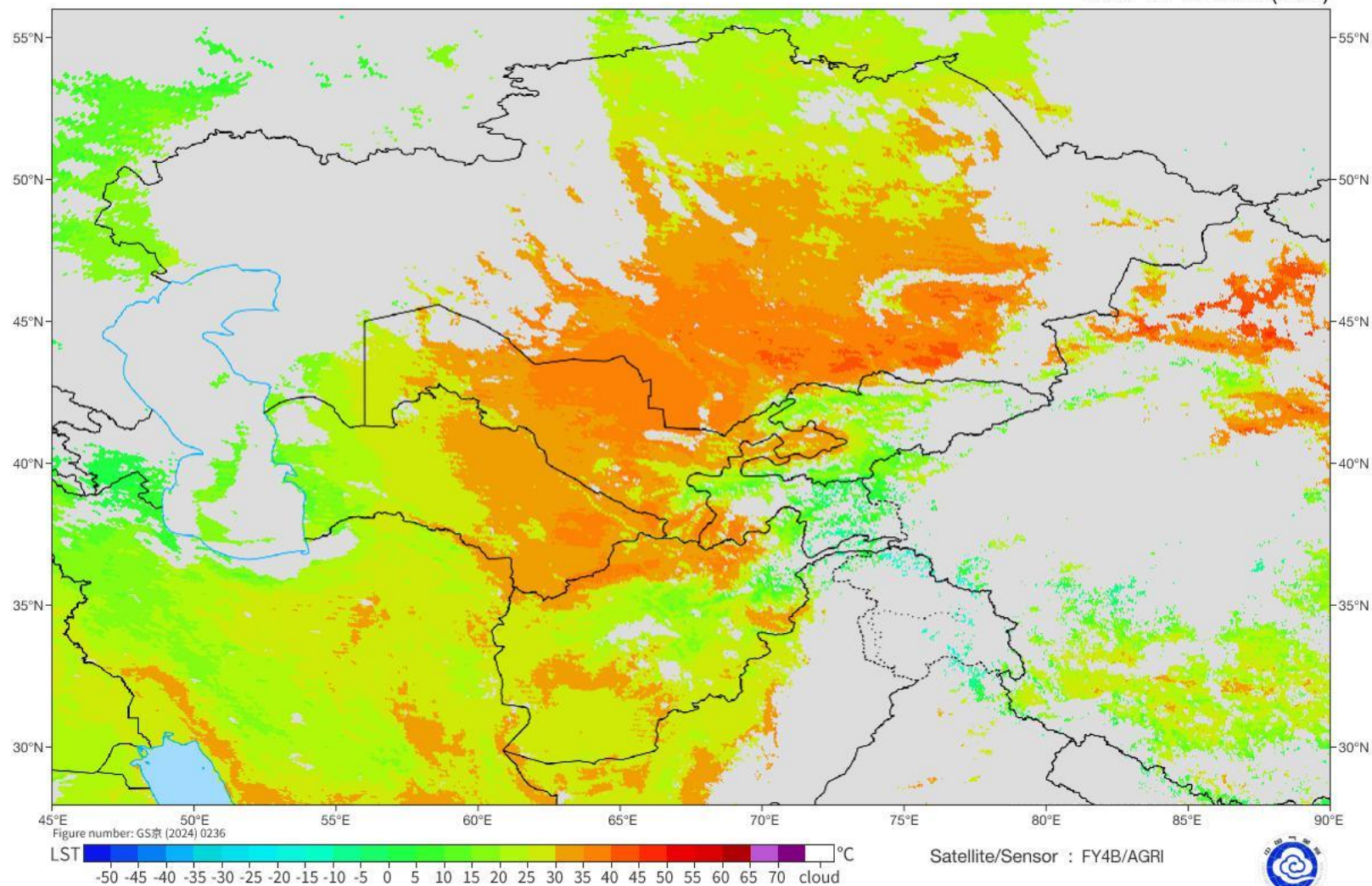
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

16-06-2025/(0215 to 0242) GMT
16-06-2025/(0745 to 0812) IST



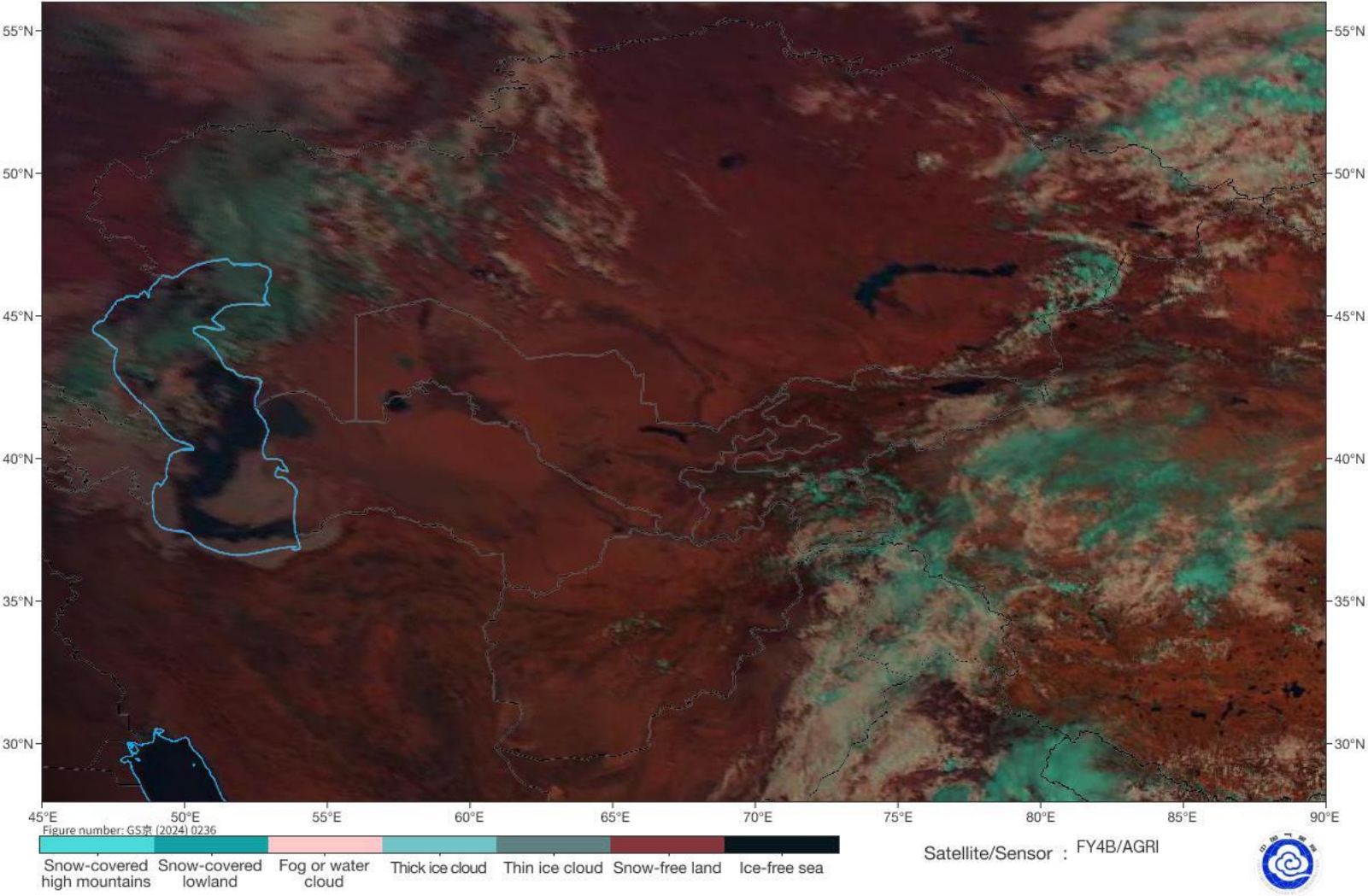
Land Surface Temperature

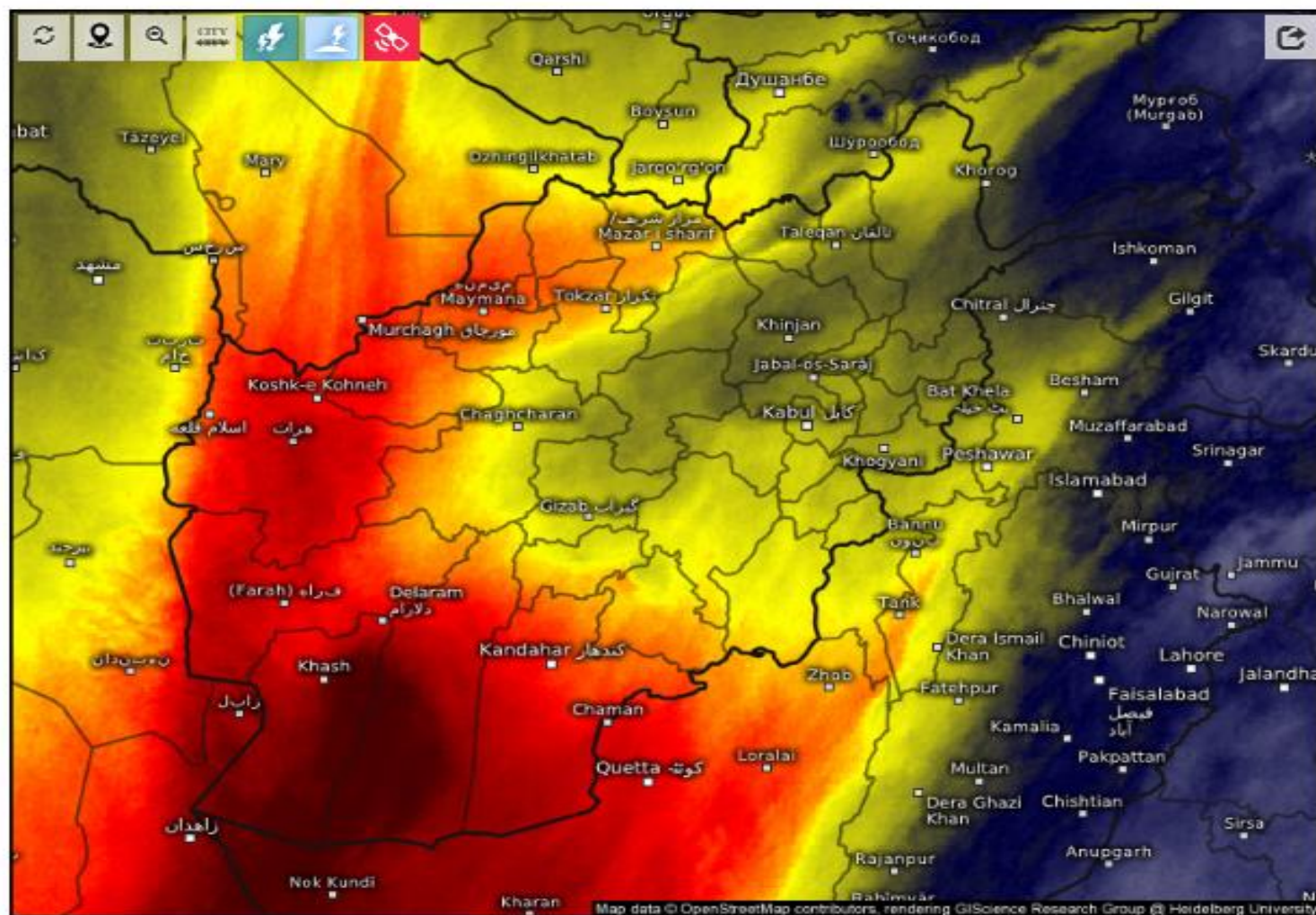
2025-06-16 03:00(UTC)



Fog Identification

2025-06-16 03:00(UTC)





Satellite Water Vapor

Mon 06/16/2025, 07:30am GMT+0430

