



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



Daily reports of Satellite imagery analysis. Date & Time: 17/06/2025, 03:00 UTC, Number of reports: 1047

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

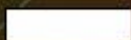
Details: According to satellite imagery analysis, the northern, western, central, northwestern, and southwestern areas have warm air mass. The northern, southern, western, central, southeastern, northwestern, and southwestern areas have dust. The northeastern and northwestern areas have weak water vapor.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

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

- Reported by: Sayed Taher Atlas

UTC : 2025-06-17 00:15

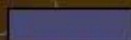
AirMass



Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



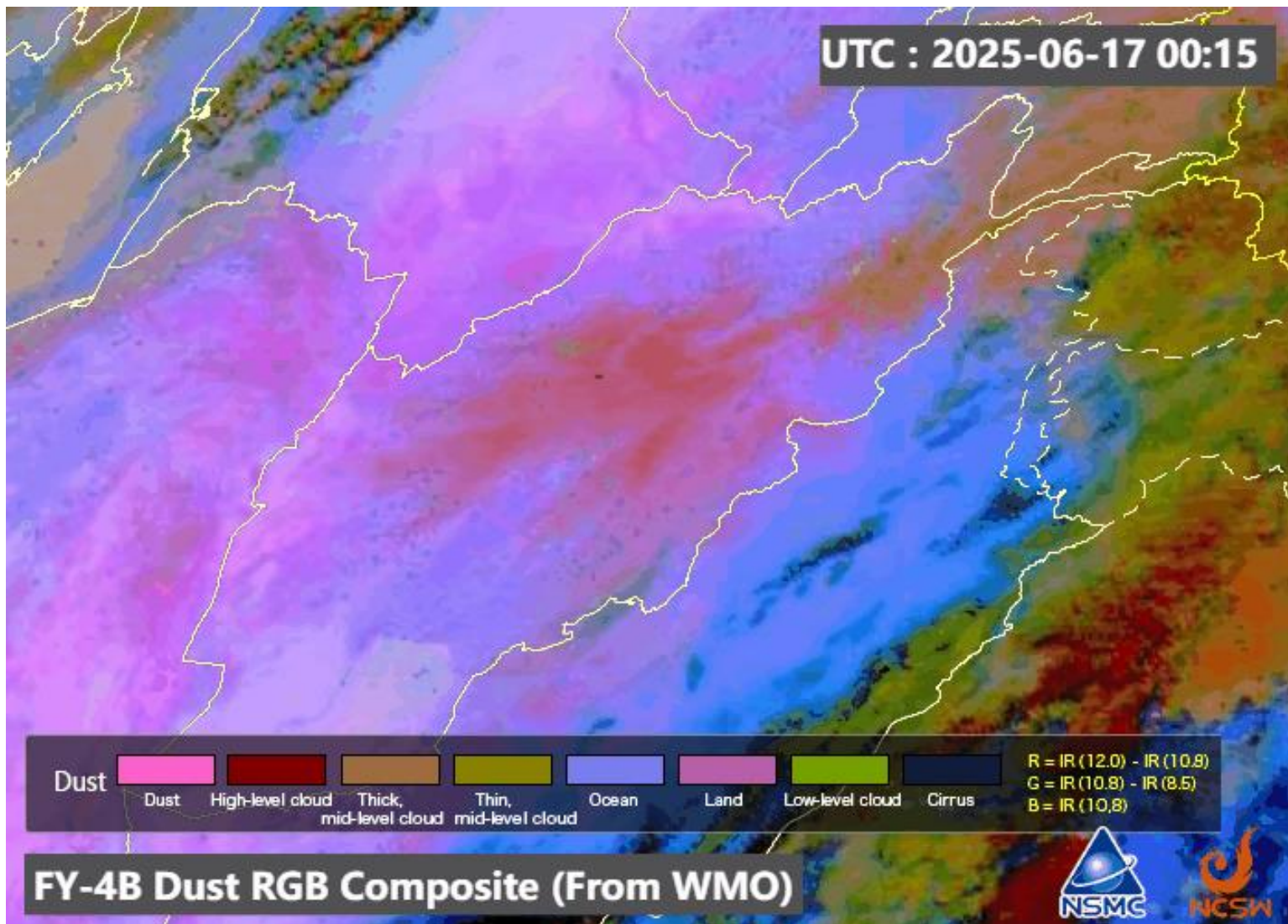
Warm Airmass
(low UTH)

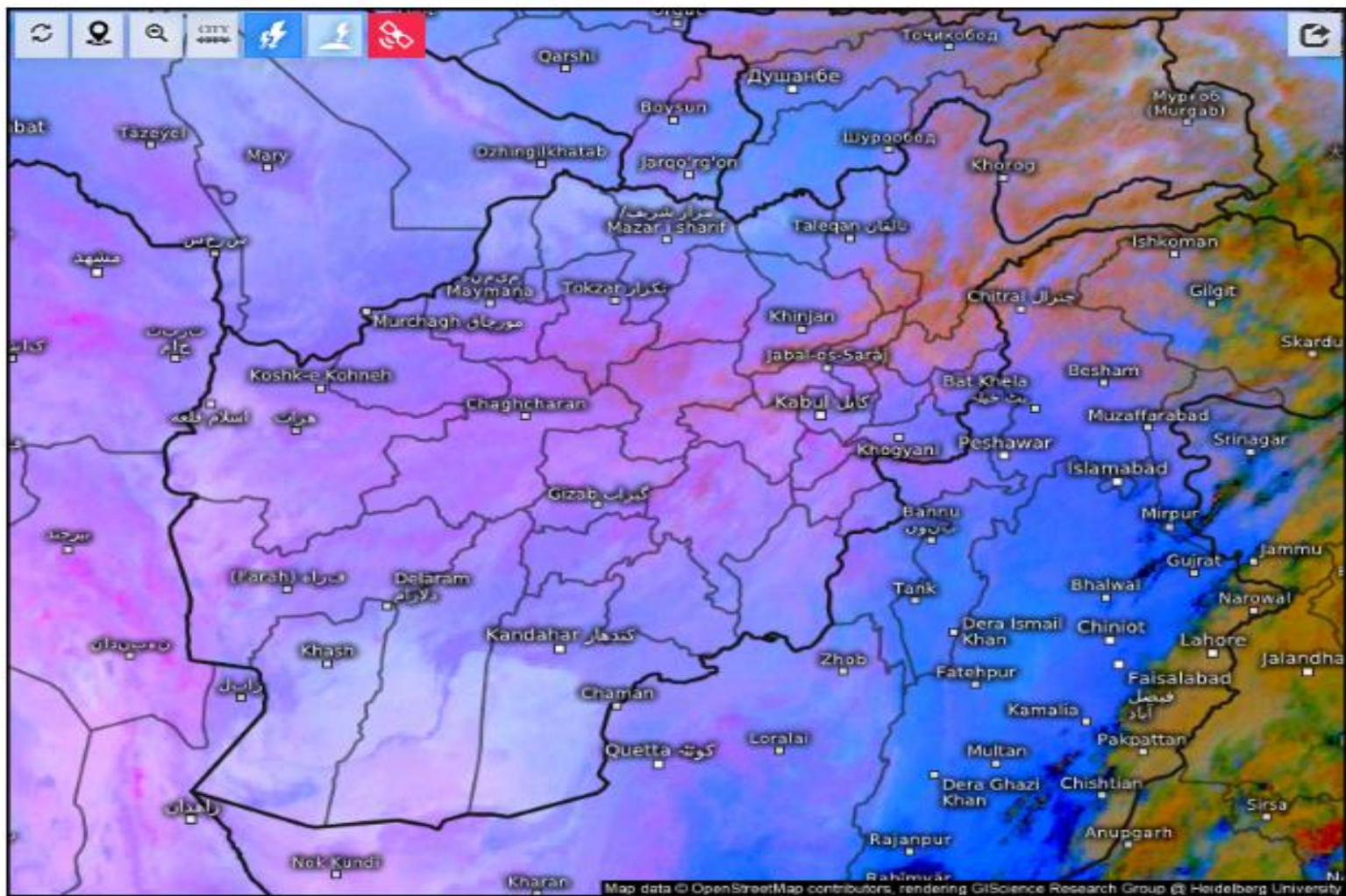
R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)



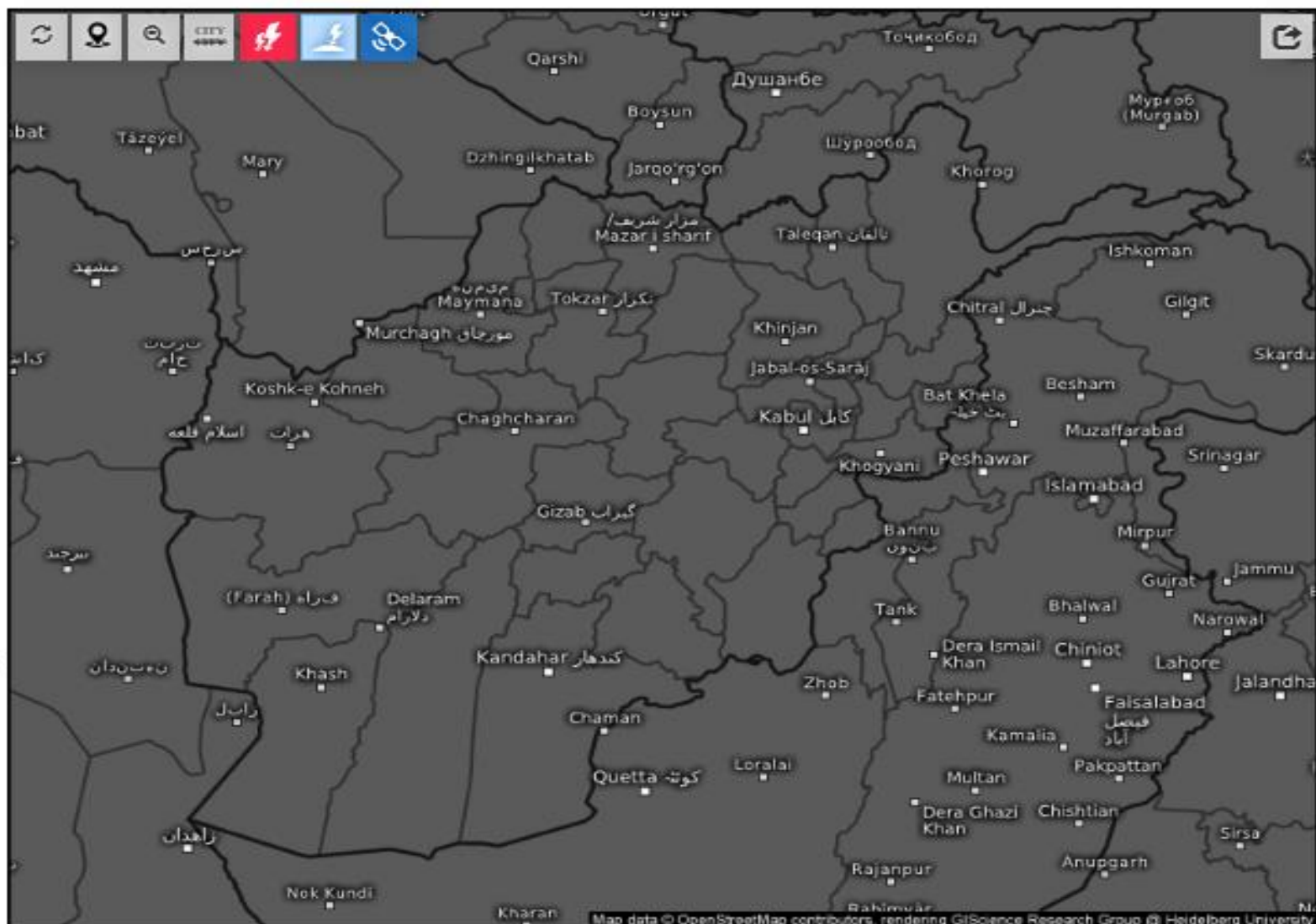
UTC : 2025-06-17 00:15





Satellite Dust 

Tue 06/17/2025, 07:30am GMT+0430



Age of lightning (minutes) 

Tue 06/17/2025, 07:30am GMT+0430

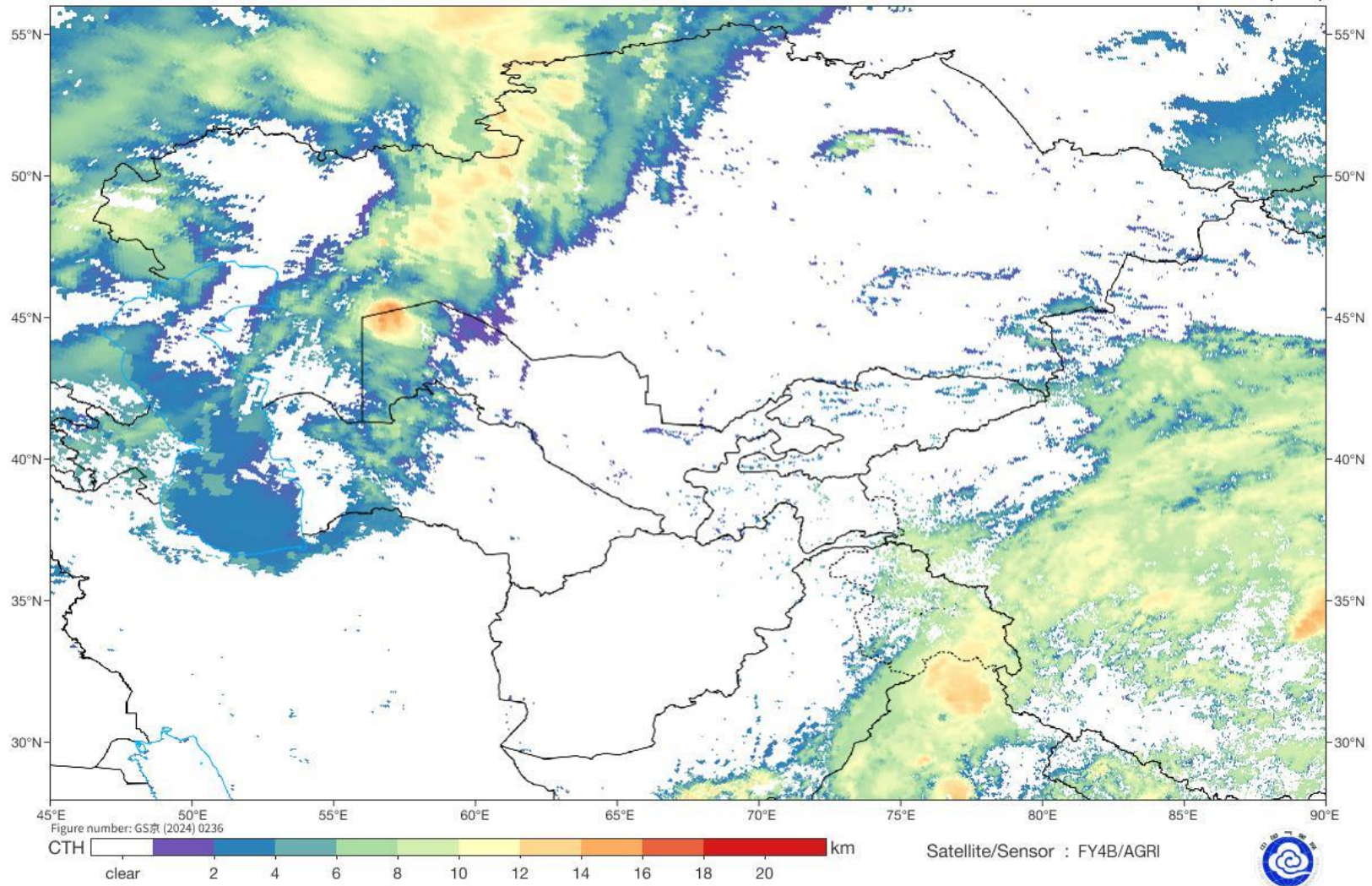


Live satellite map, Afghanistan



Cloud Top Height

2025-06-17 03:00(UTC)



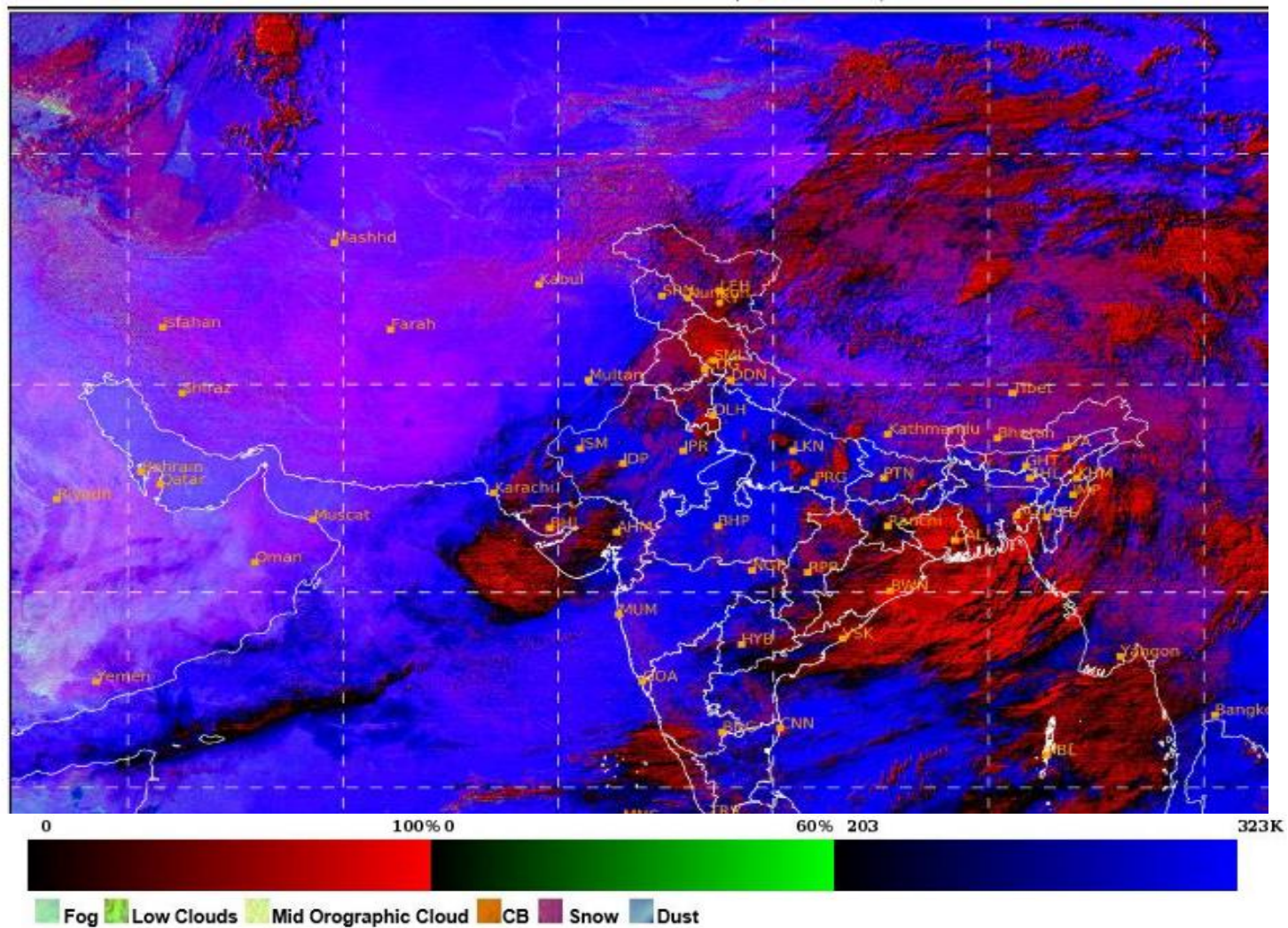
SAT : INSAT-3DR IMG

17-06-2025/(0215 to 0242) GMT

Night Microphysics: TIR2_BT-TIR1_BT (R), TIR1_BT-MIR_BT (G), TIR1_BT (B)

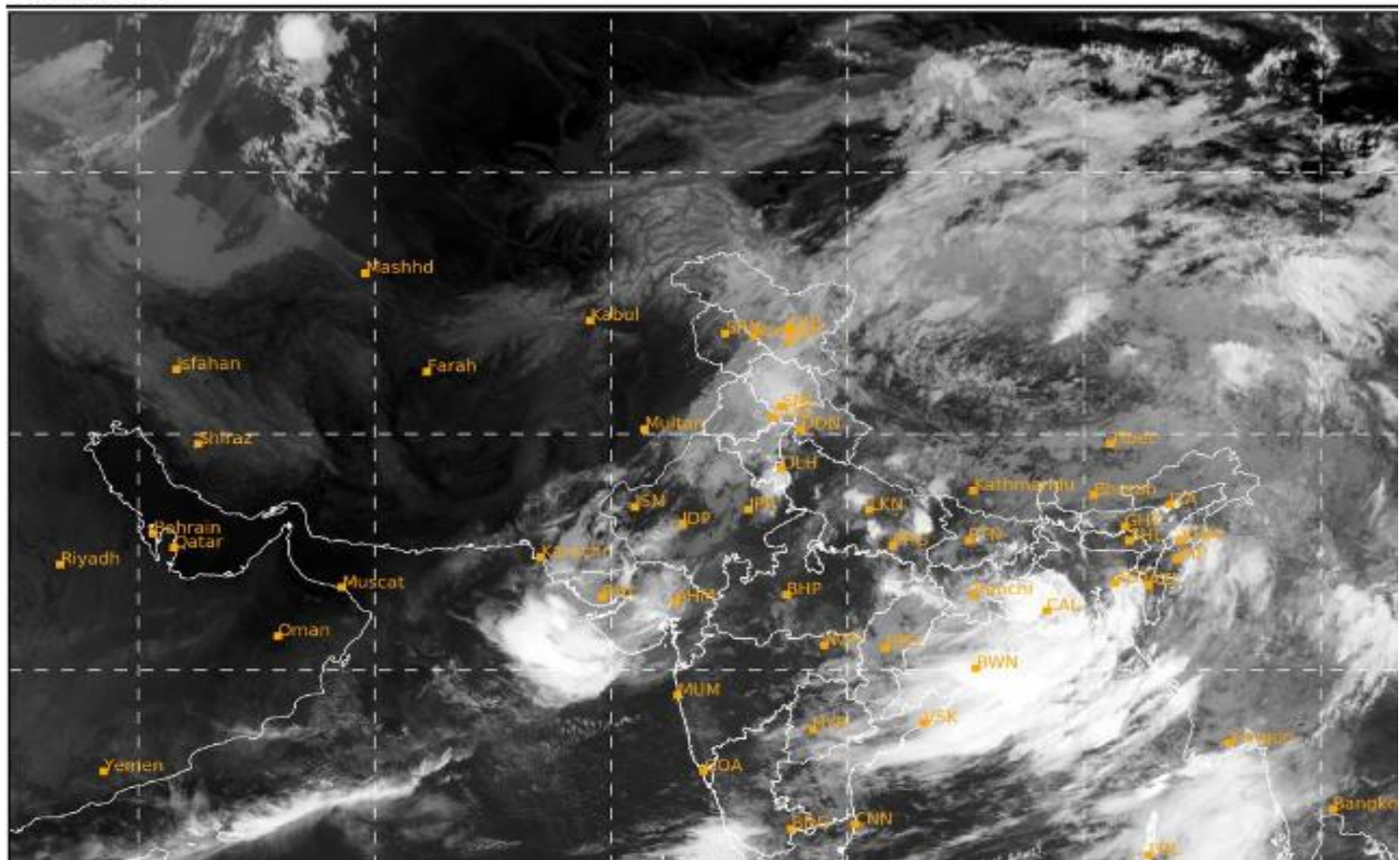
L1C Mercator

17-06-2025/(0745 to 0812) IST



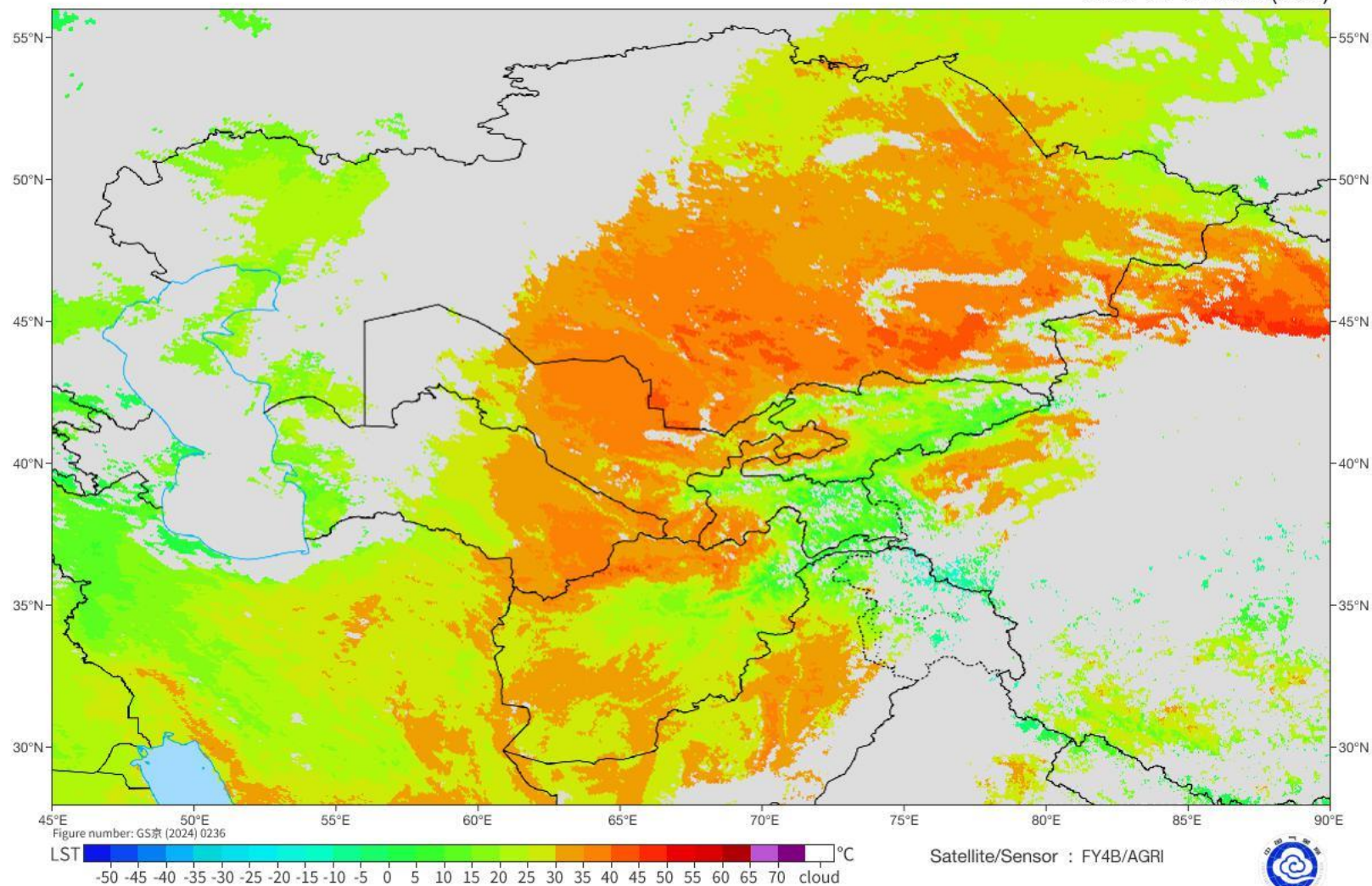
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

17-06-2025/(0215 to 0242) GMT
17-06-2025/(0745 to 0812) IST



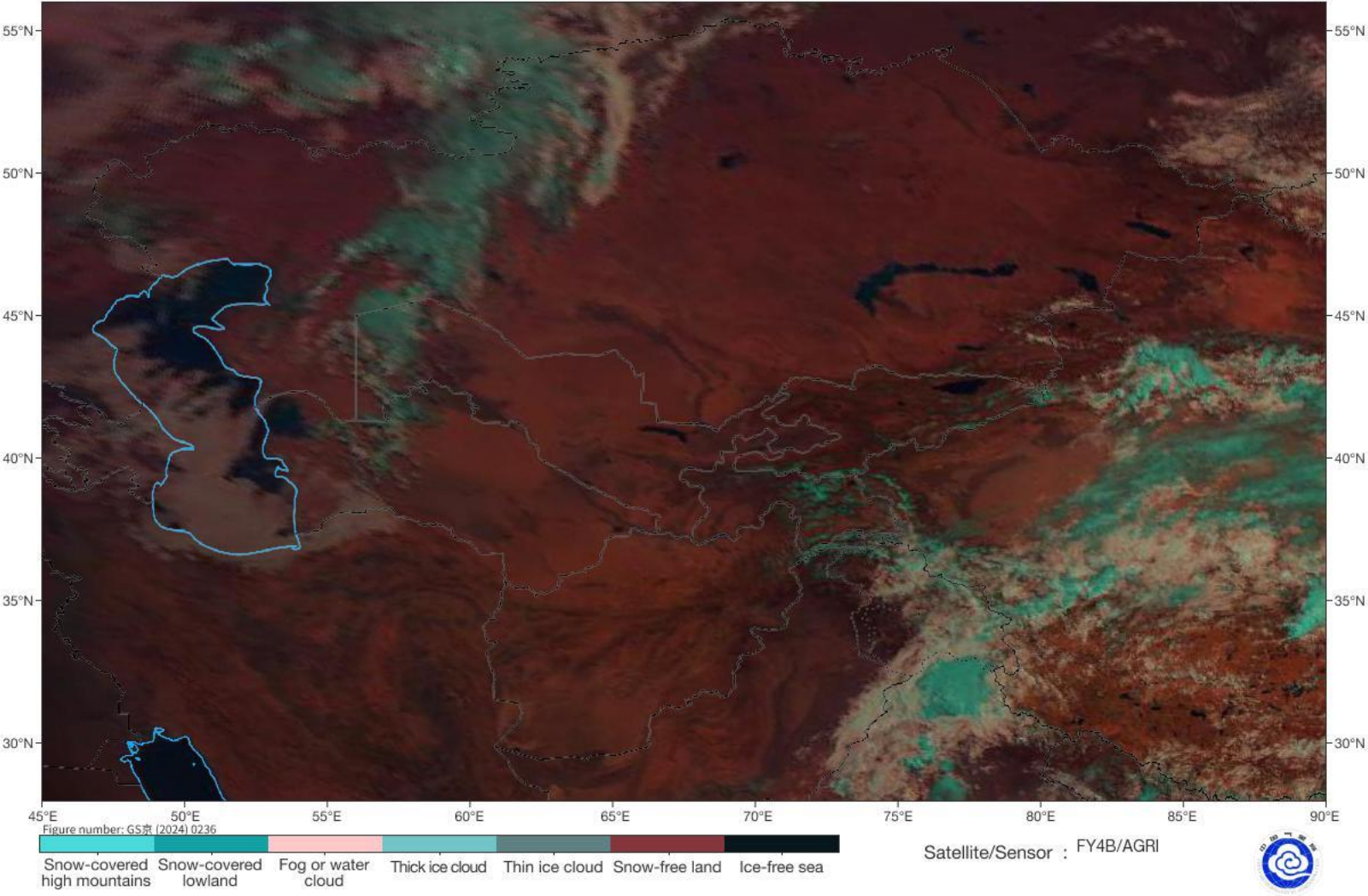
Land Surface Temperature

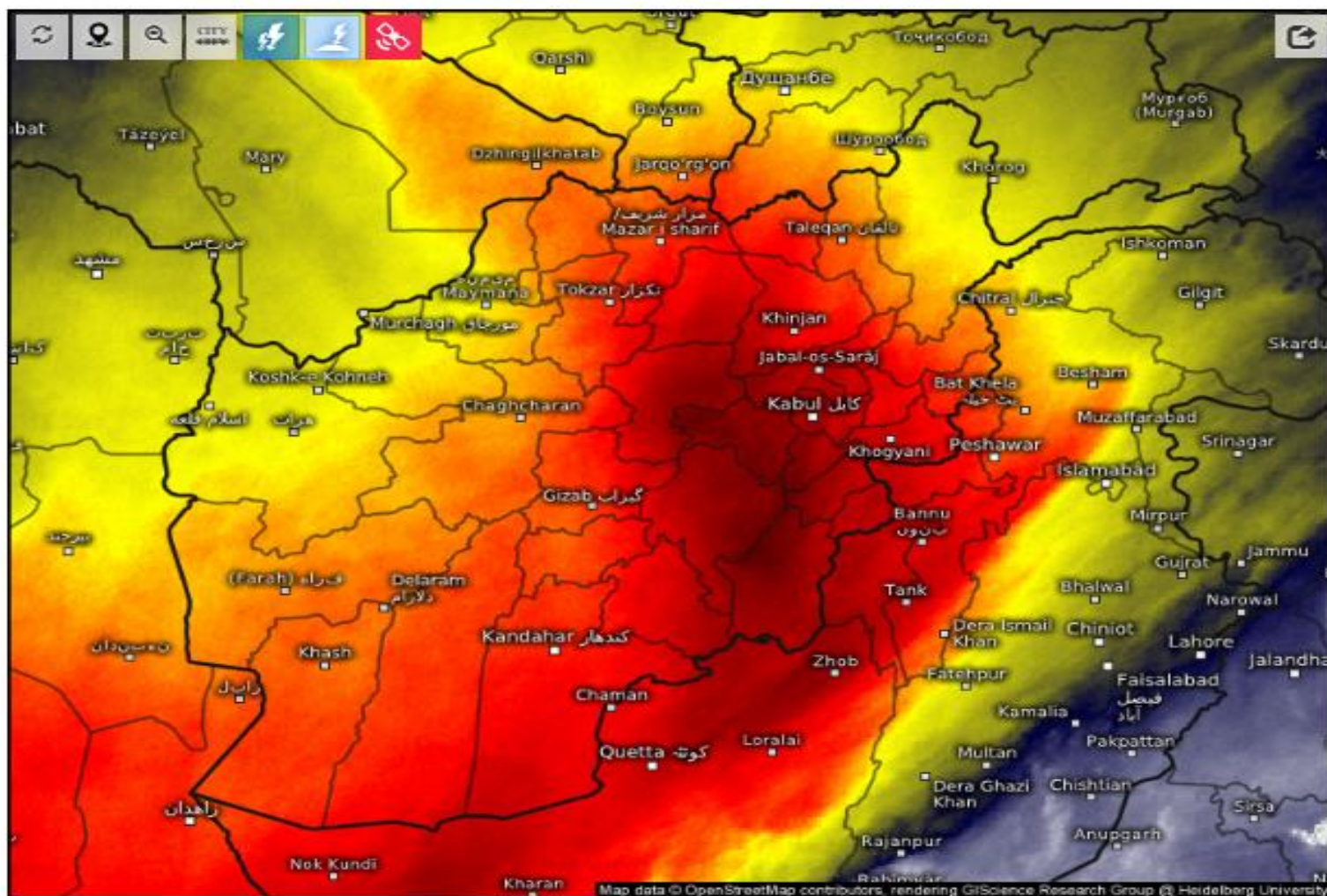
2025-06-17 03:00(UTC)



Fog Identification

2025-06-17 03:00(UTC)





Satellite Water Vapor ⓘ

Tue 06/17/2025, 07:30am GMT+0430

