



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



Daily reports of Satellite imagery analysis. Date & Time: 15/06/2025, 03:00 UTC, Number of reports: 1042

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

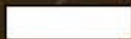
Details: According to satellite imagery analysis, the northern, western, central, northwestern, and southwestern areas have warm air mass. The southern, western, central, northwestern, and southwestern areas have dust. Some parts of northern, southern, eastern, central, northeastern, and southeastern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

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

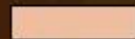
- Reported by: Sayed Taher Atlas

UTC : 2025-06-15 00:30

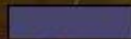
AirMass



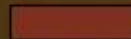
Thick,
high-level cloud



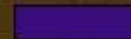
Thick,
mid-level cloud



Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



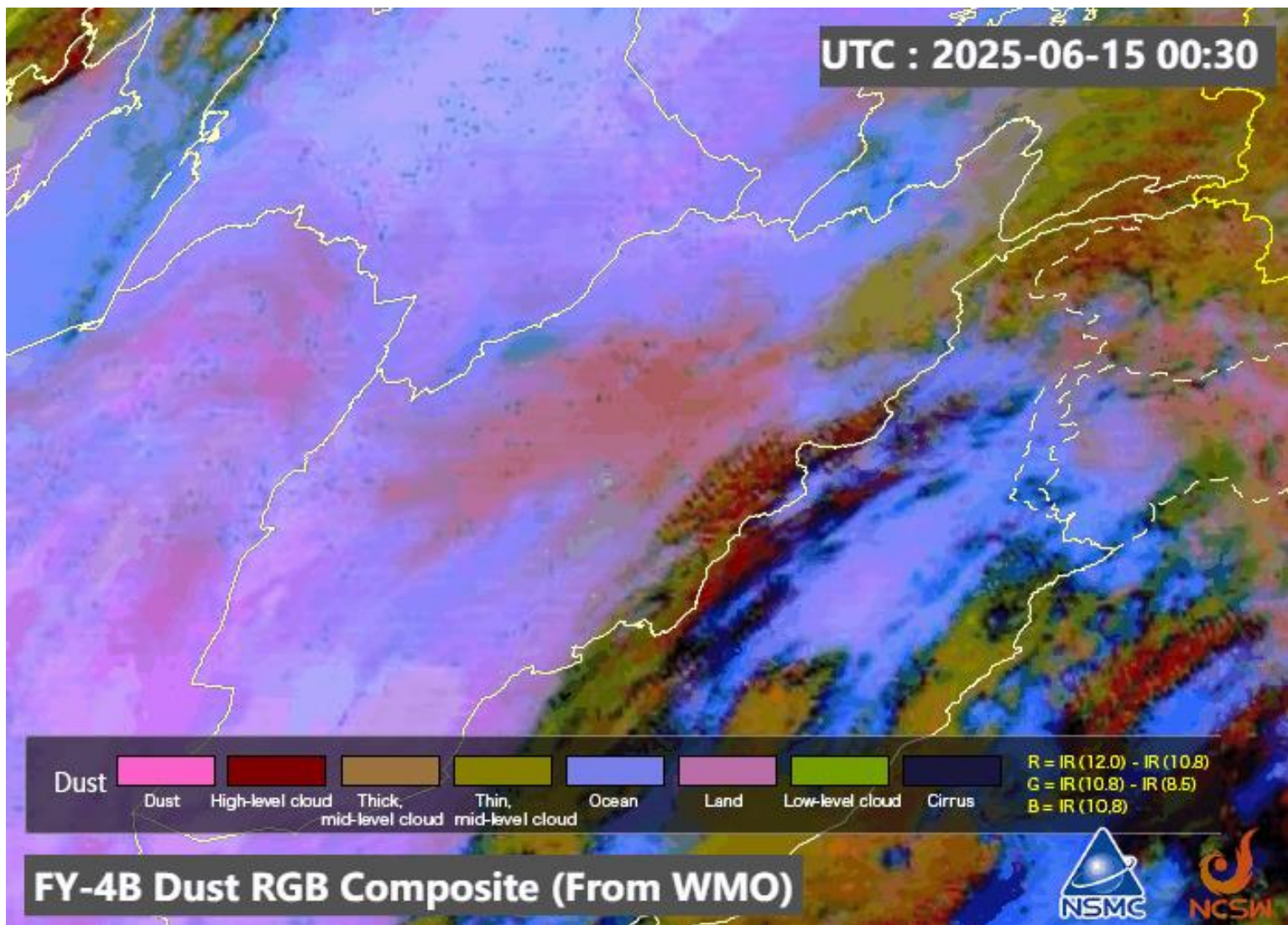
Warm Airmass
(low UTH)

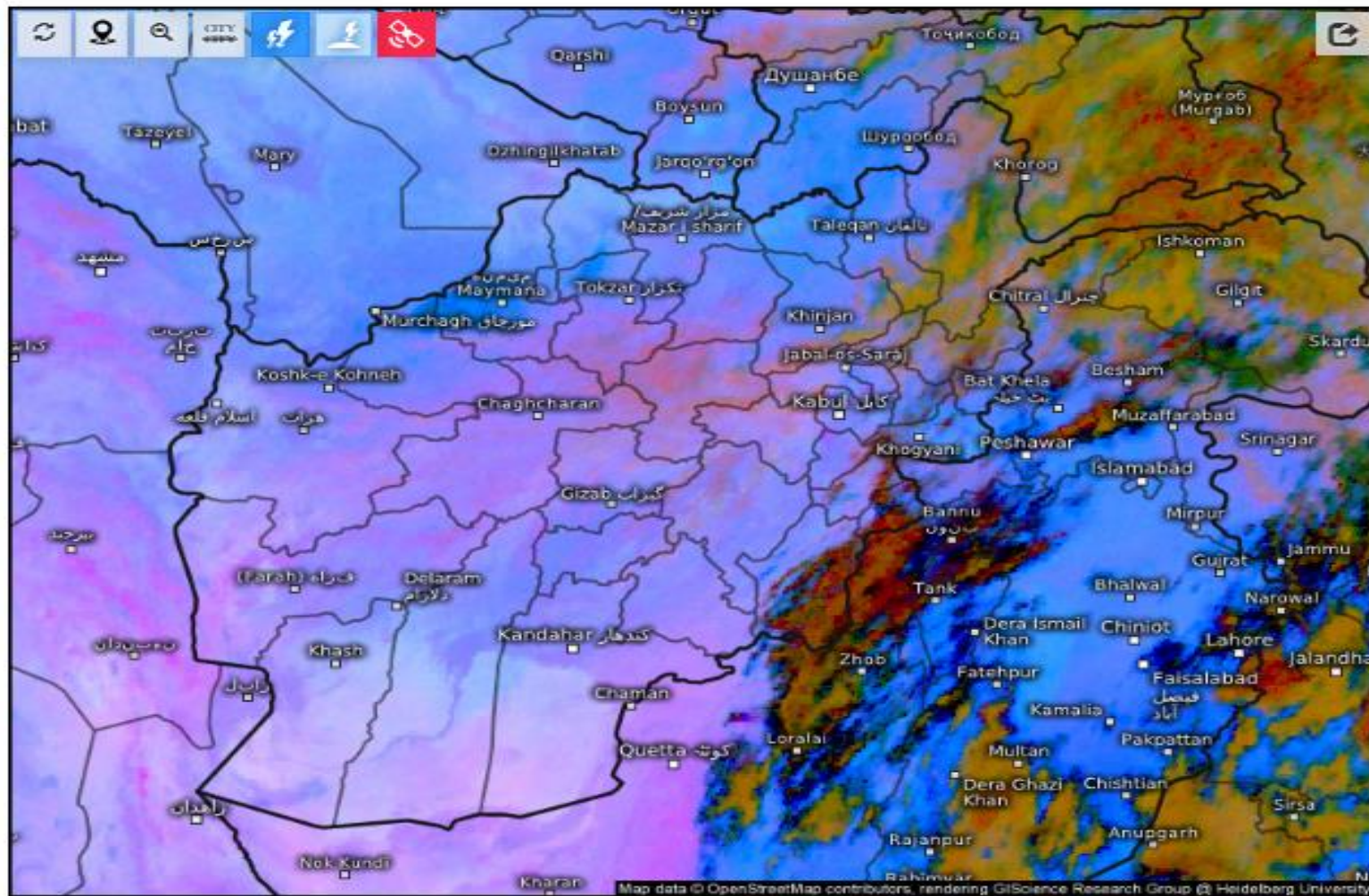
R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)



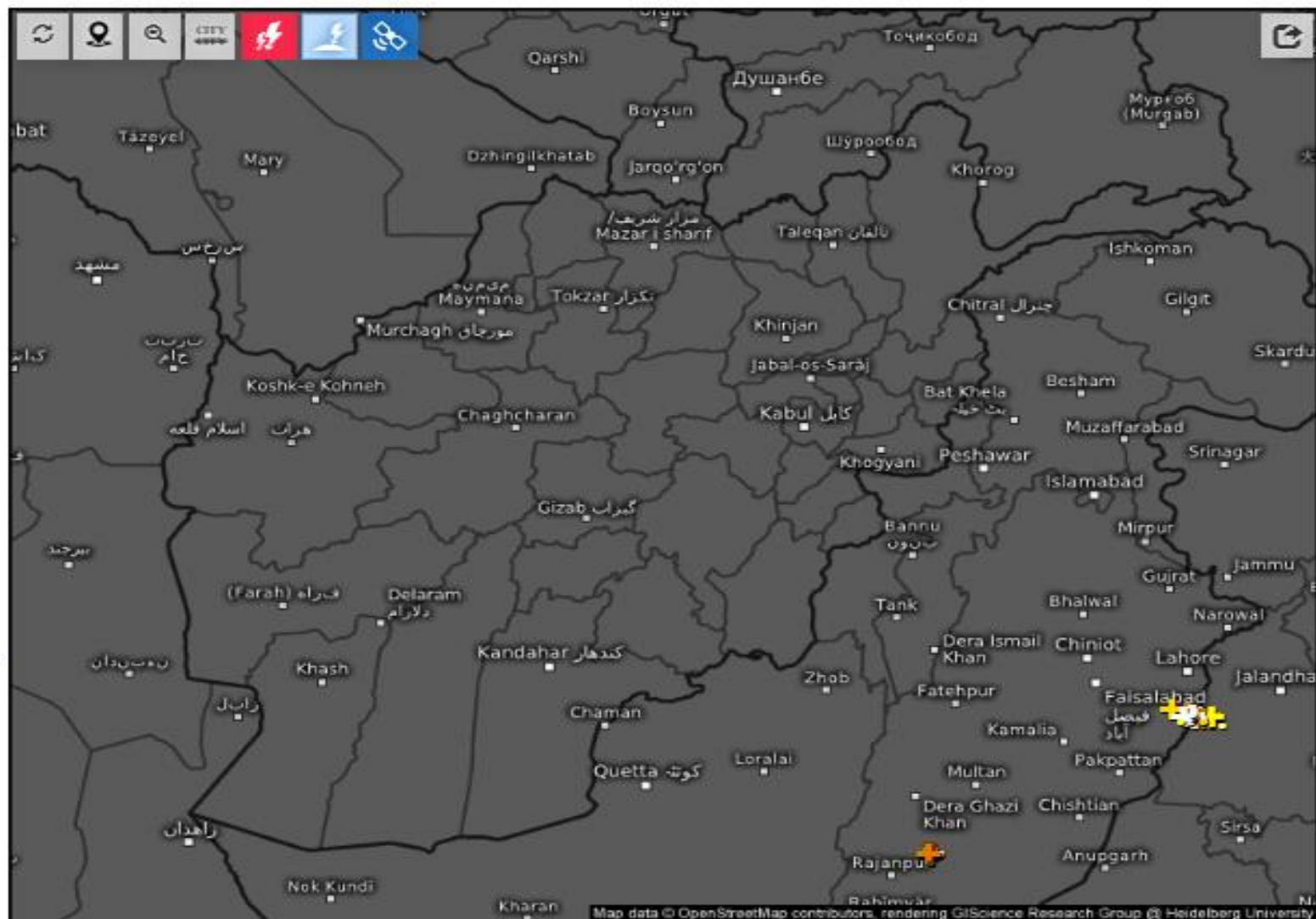
UTC : 2025-06-15 00:30





Satellite Dust 

Sun 06/15/2025, 07:30am GMT+0430



Age of lightning (minutes) ⓘ

Sun 06/15/2025, 07:30am GMT+0430

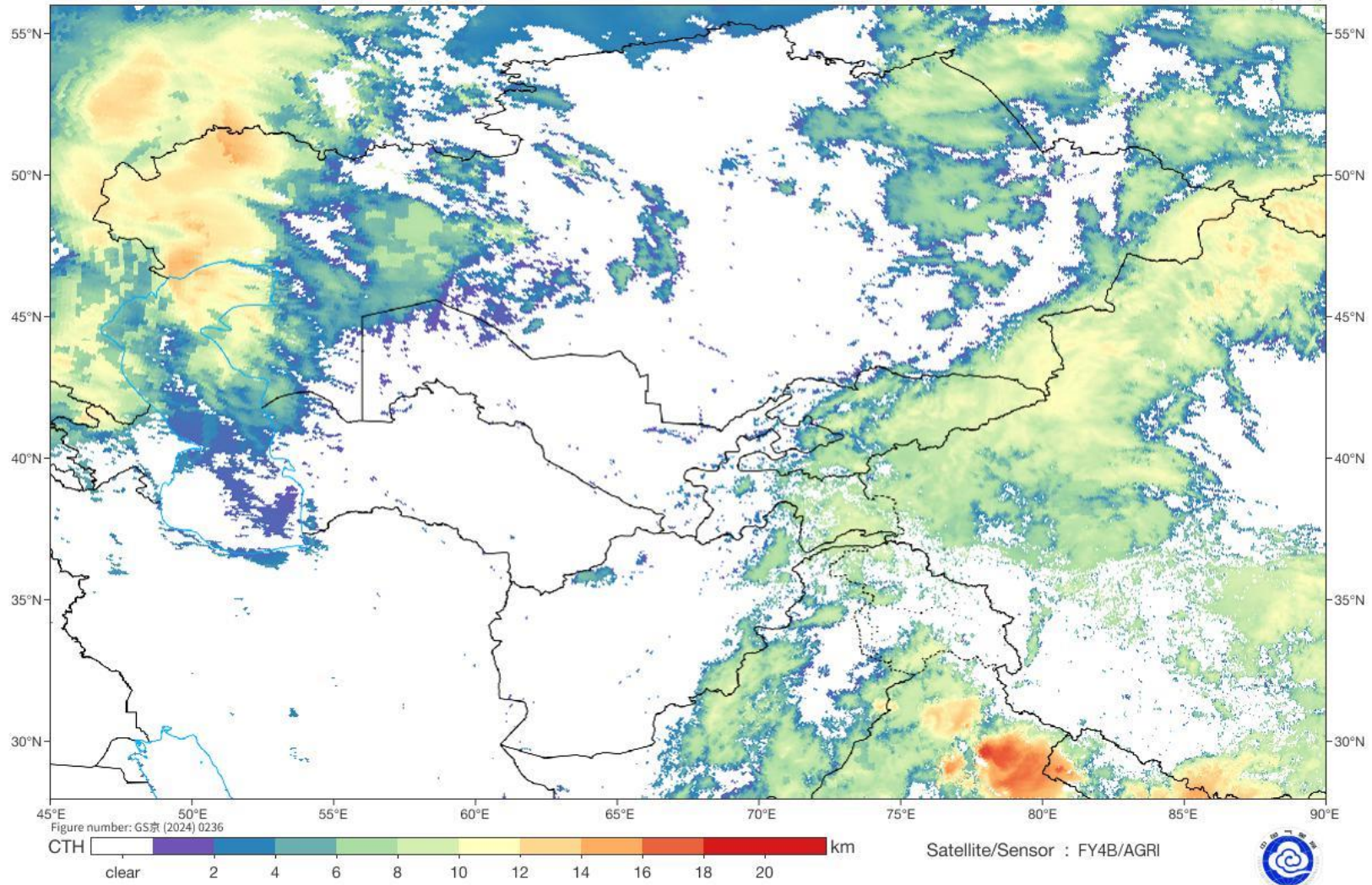


Live satellite map, Afghanistan



Cloud Top Height

2025-06-15 03:00(UTC)



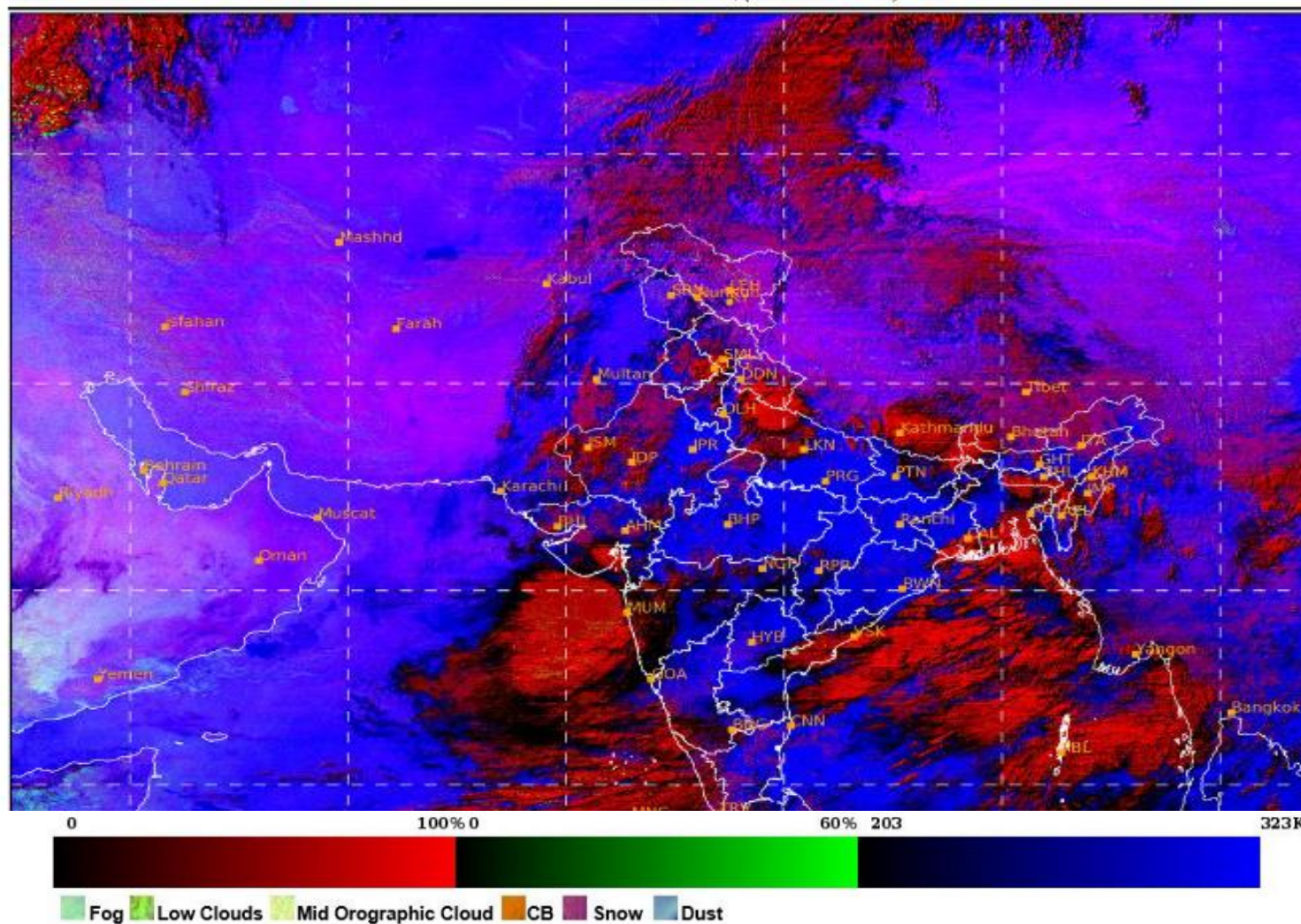
SAT : INSAT-3DR IMG

15-06-2025/(0215 to 0242) GMT

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

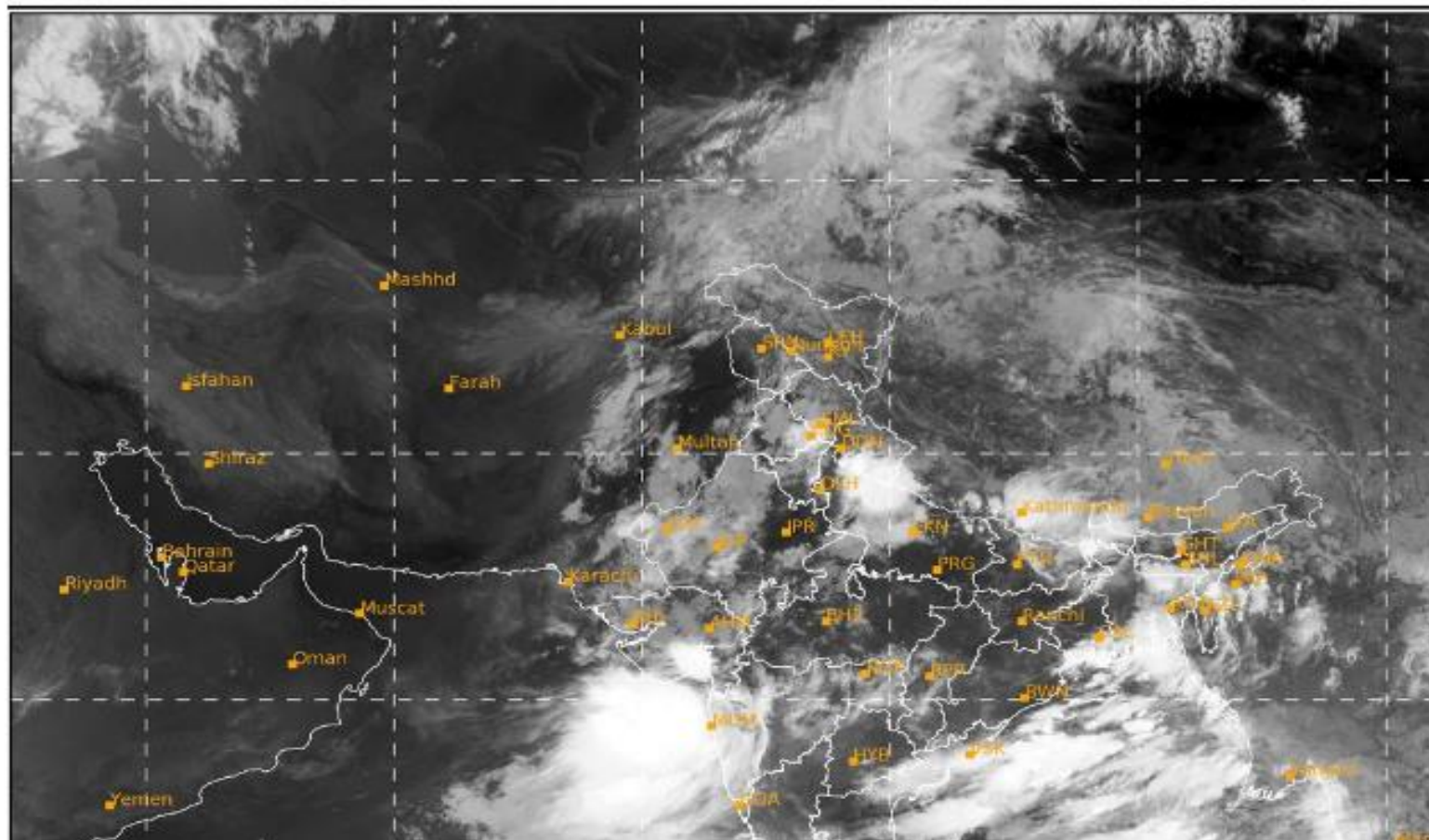
L1C Mercator

15-06-2025/(0745 to 0812) IST



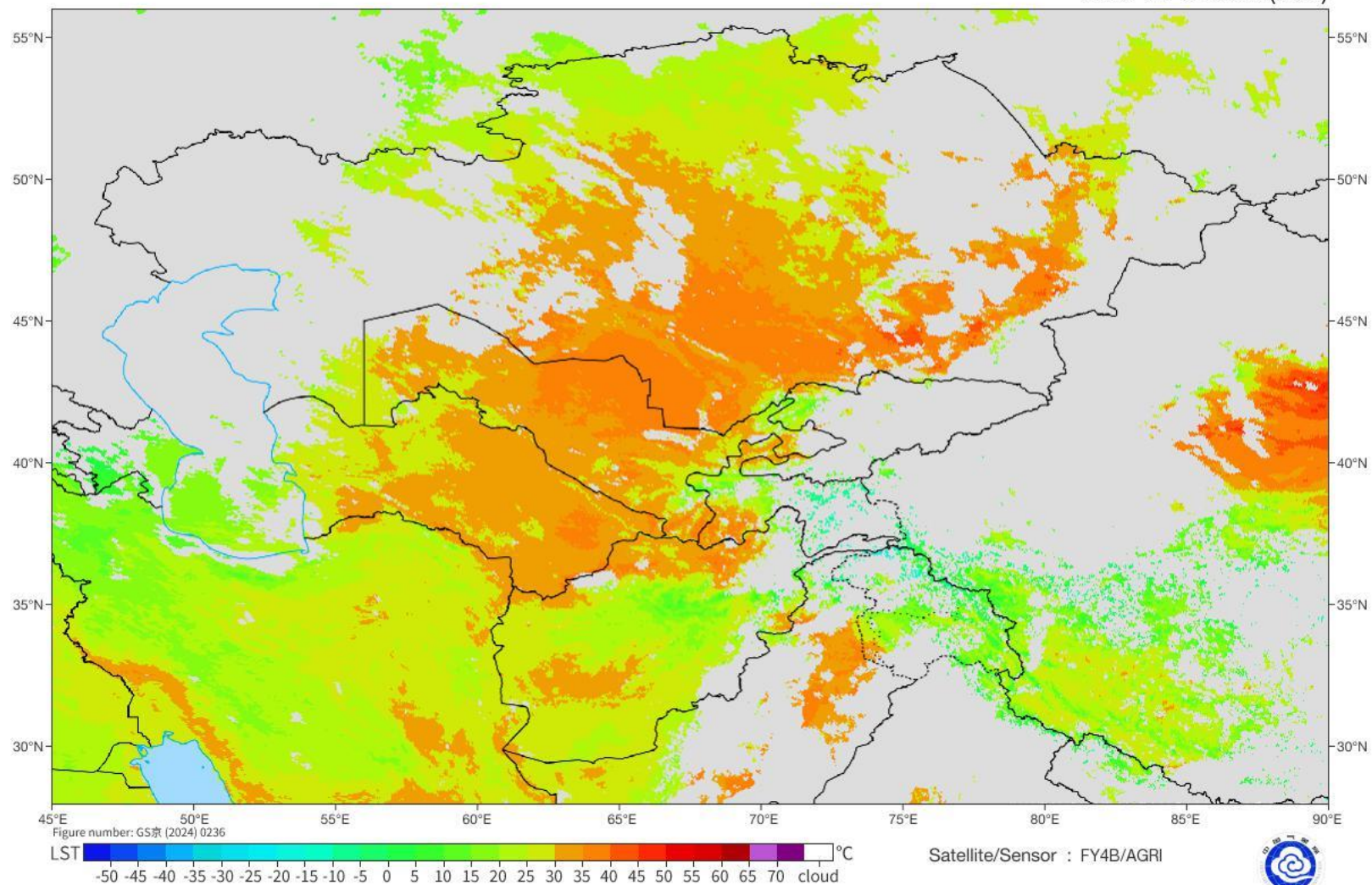
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

15-06-2025/(0215 to 0242) GMT
15-06-2025/(0745 to 0812) IST



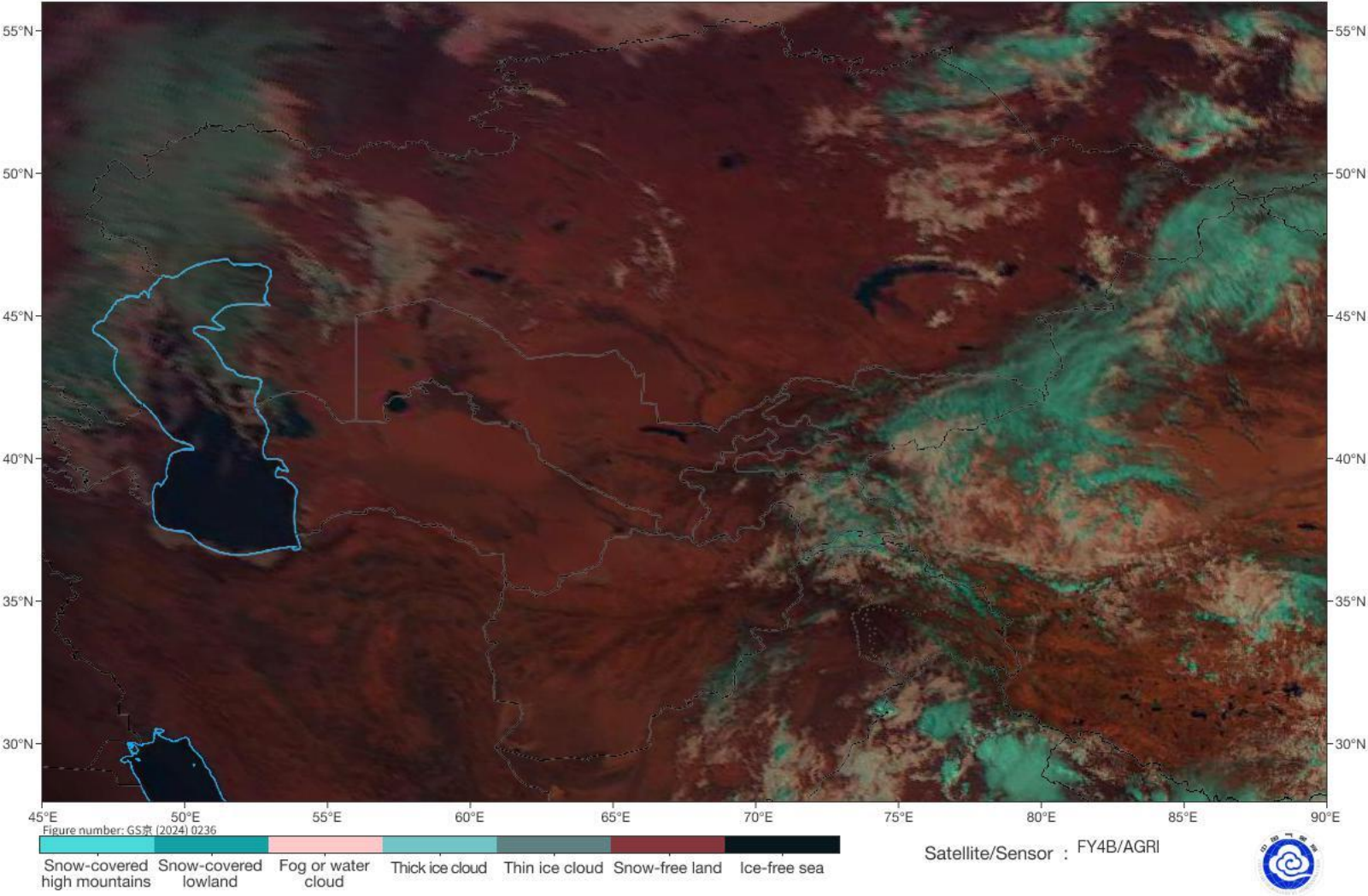
Land Surface Temperature

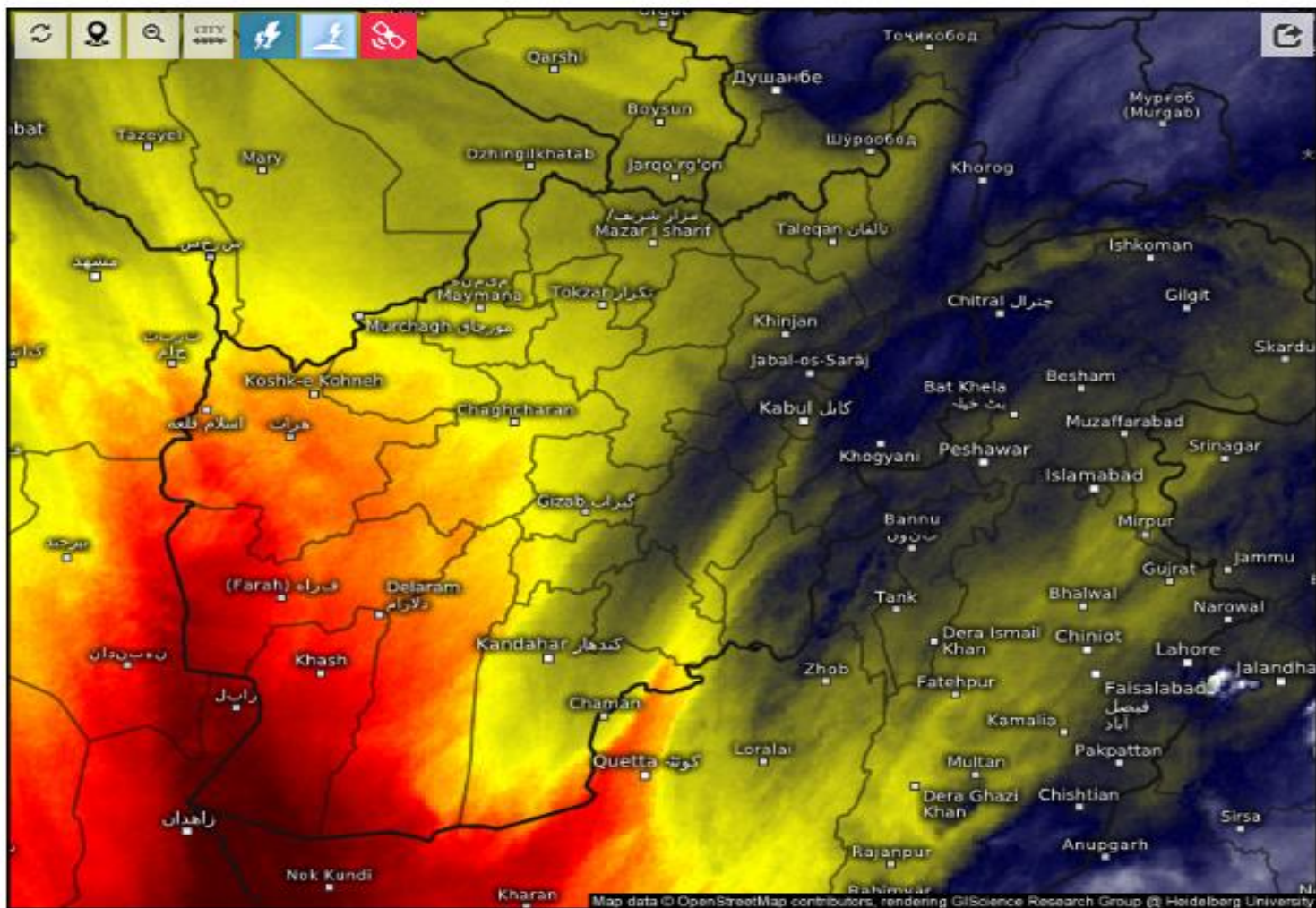
2025-06-15 03:00(UTC)



Fog Identification

2025-06-15 03:00(UTC)





Satellite Water Vapor ⓘ

Sun 06/15/2025, 07:30am GMT+0430

