



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



Daily reports of Satellite imagery analysis. Date & Time: 21/08/2025, 03:00 UTC

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	✓	X	X	X	✓ Weak	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	X	✓ Weak	X	X	
9	Southwest	✓	✓	X	X	X	✓ Weak	X	X	

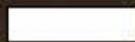
Details: According to satellite imagery analysis, the northern, southern, western, eastern, central, northeaster, southeastern, northwestern, and southwestern areas have warm air mass with low UTH. The northern, southern, western, central, northwestern, and southwestern areas have dust storm. Some parts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

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

- Reported by: Sayed Taher Atlas

UTC : 2025-08-21 00:45

AirMass



Thick,
high-level cloud



Thick,
mid-level cloud



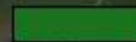
Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

R = WV (6.25) - WV (7.1)

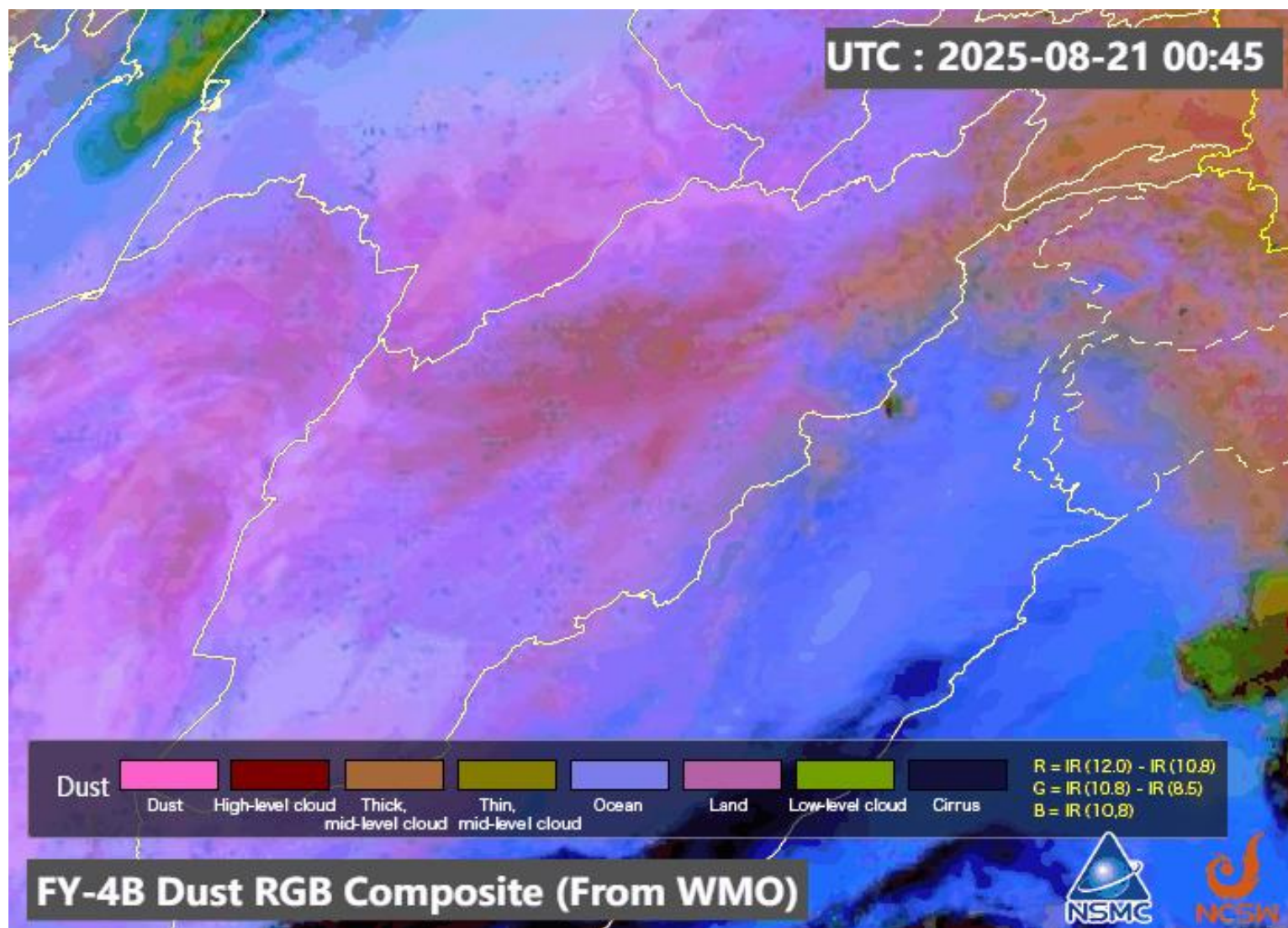
G = IR (9.5) - IR (10.8)

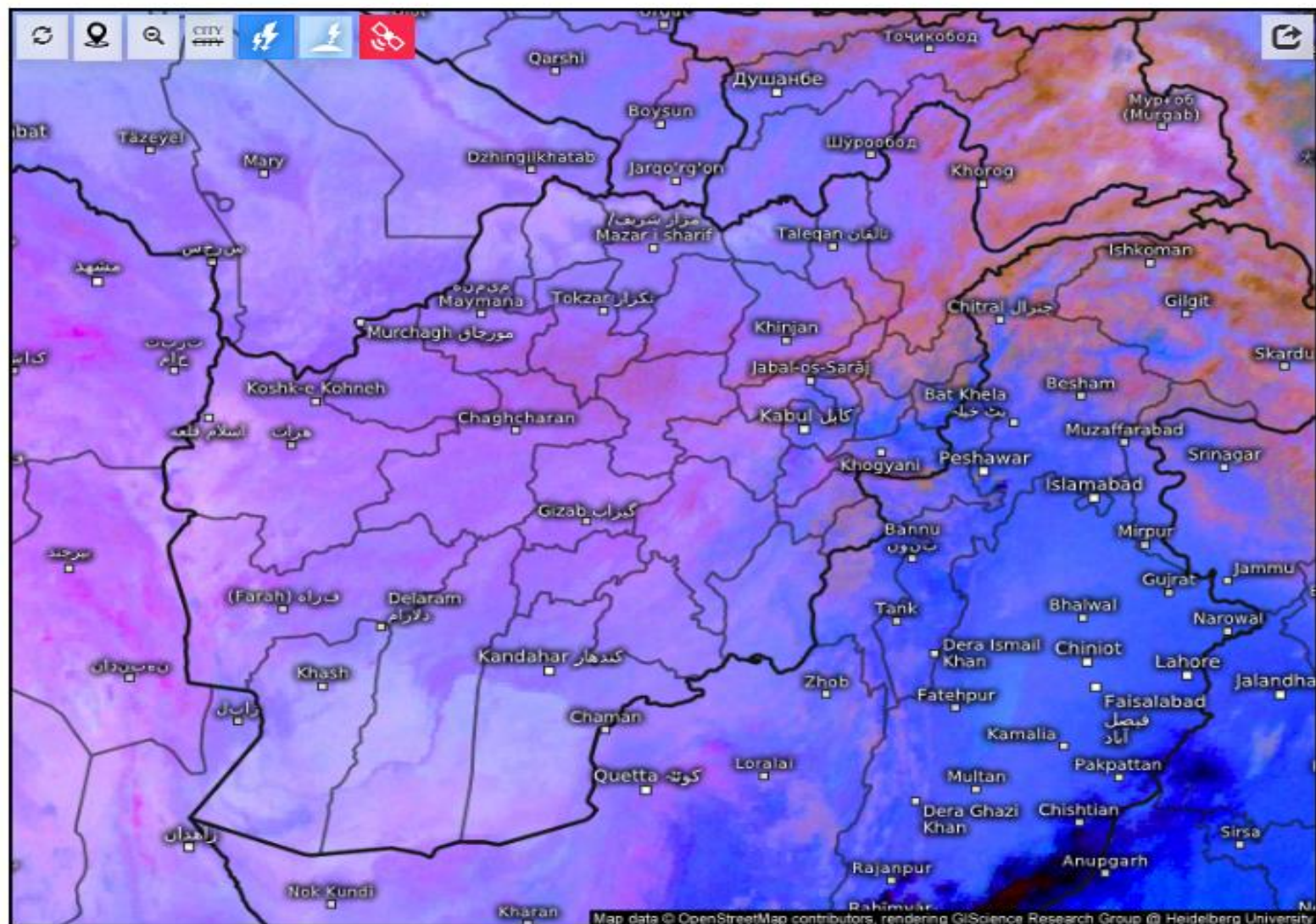
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)



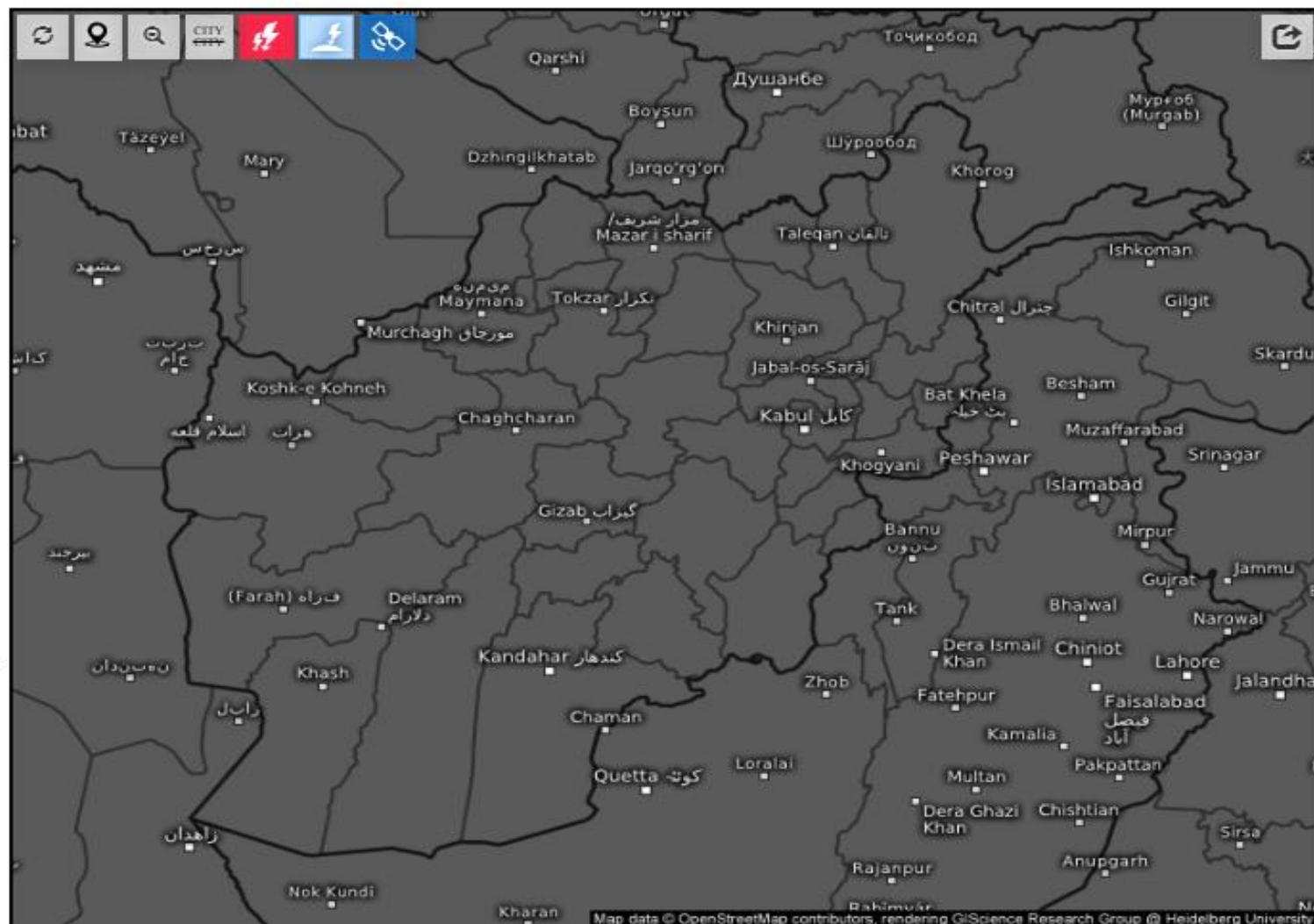
UTC : 2025-08-21 00:45





Satellite Dust 

Thu 08/21/2025, 07:30am GMT+0430



Age of lightning (minutes) 

Thu 08/21/2025, 07:30am GMT+0430

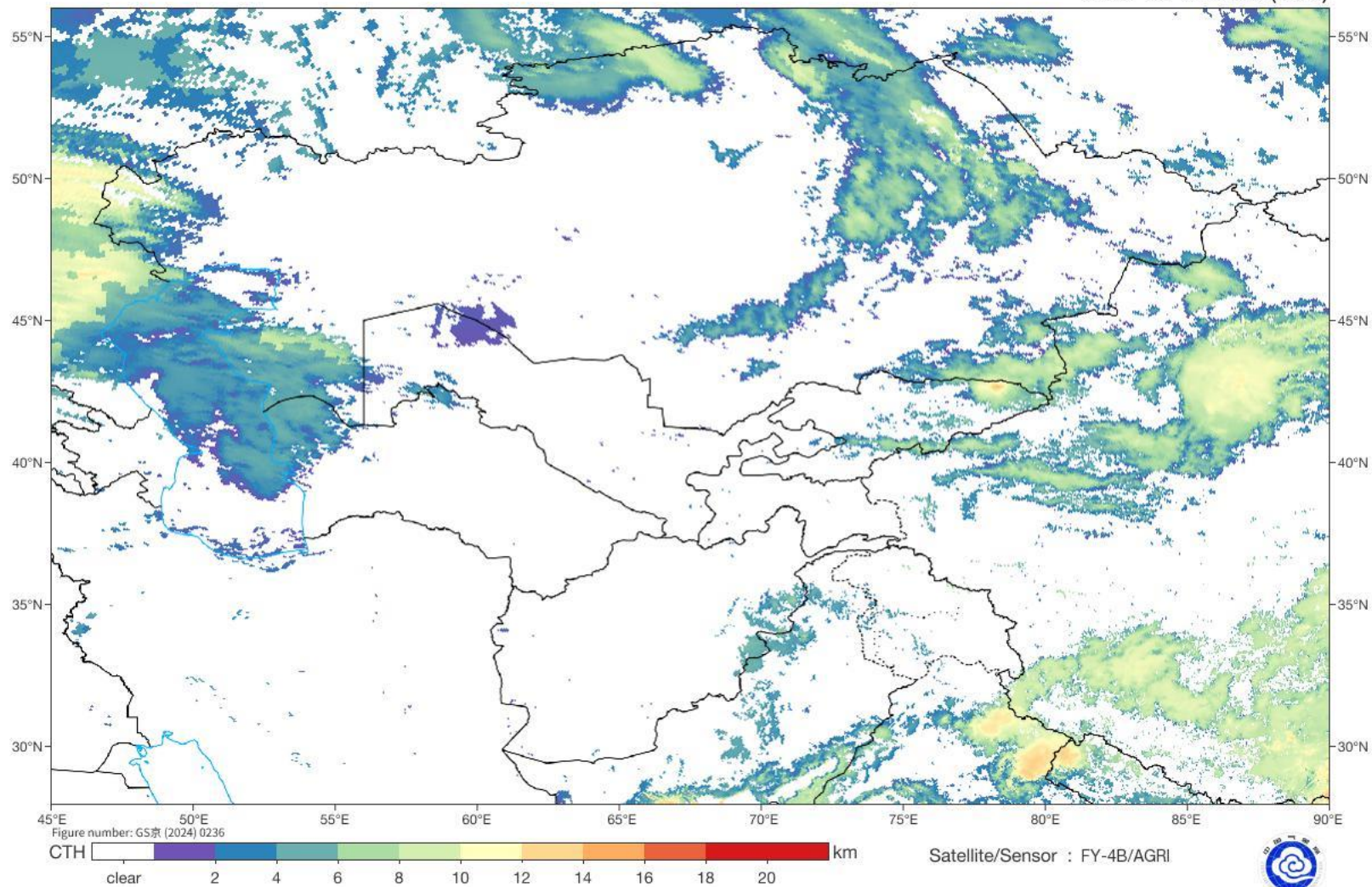


Live satellite map, Afghanistan



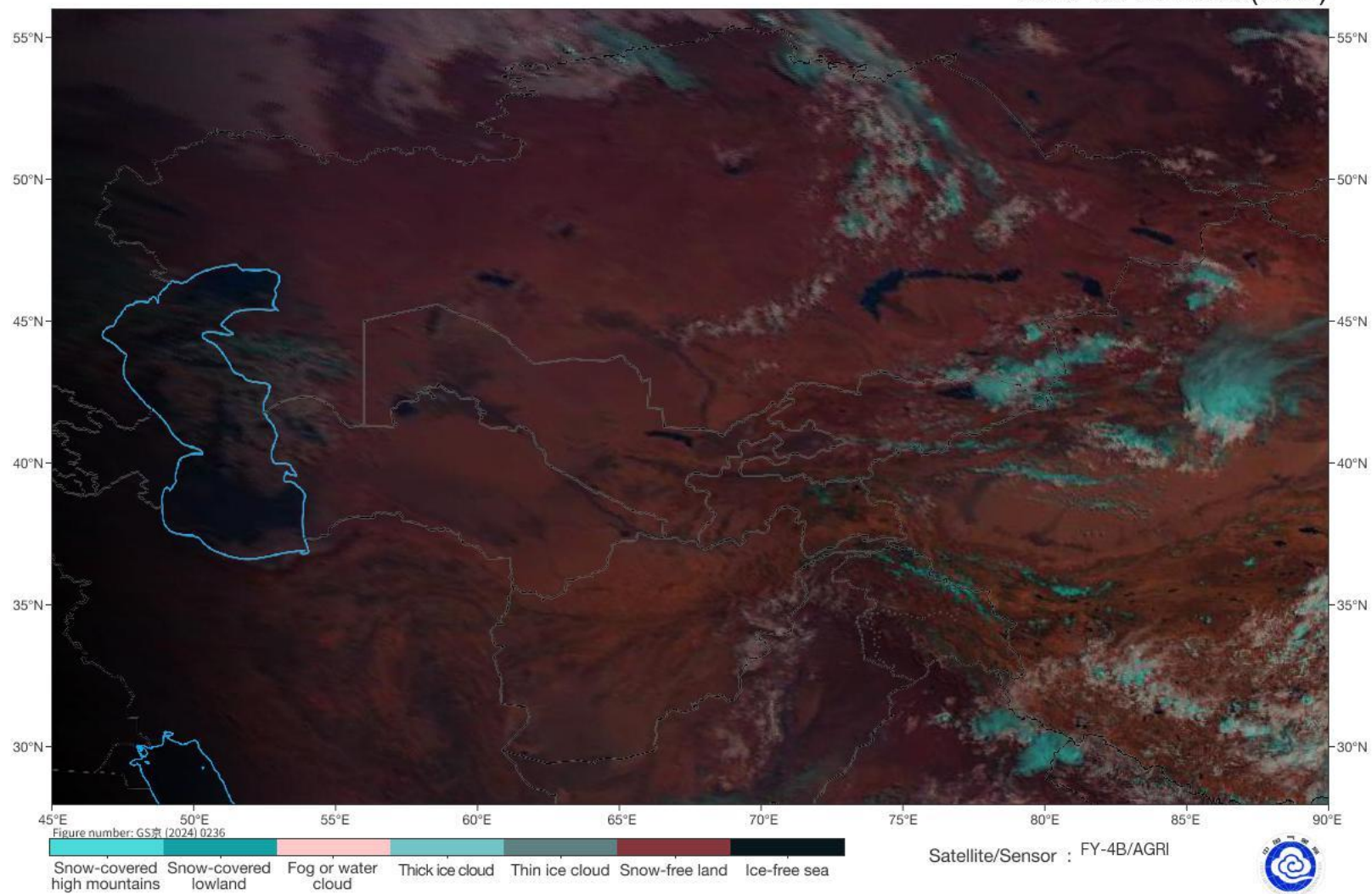
Cloud Top Height

2025-08-21 03:00(UTC)



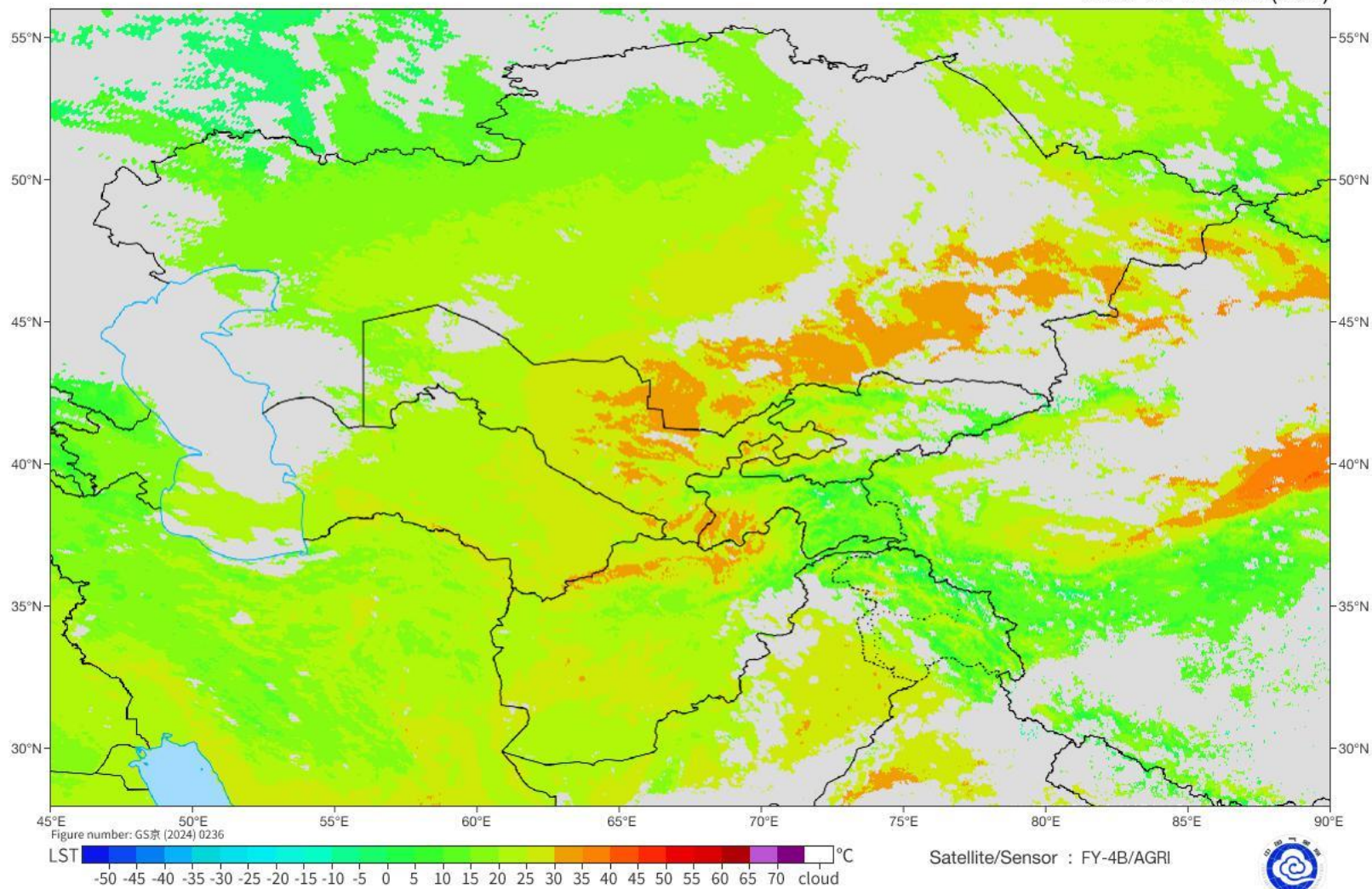
Fog Identification

2025-08-21 03:00(UTC)



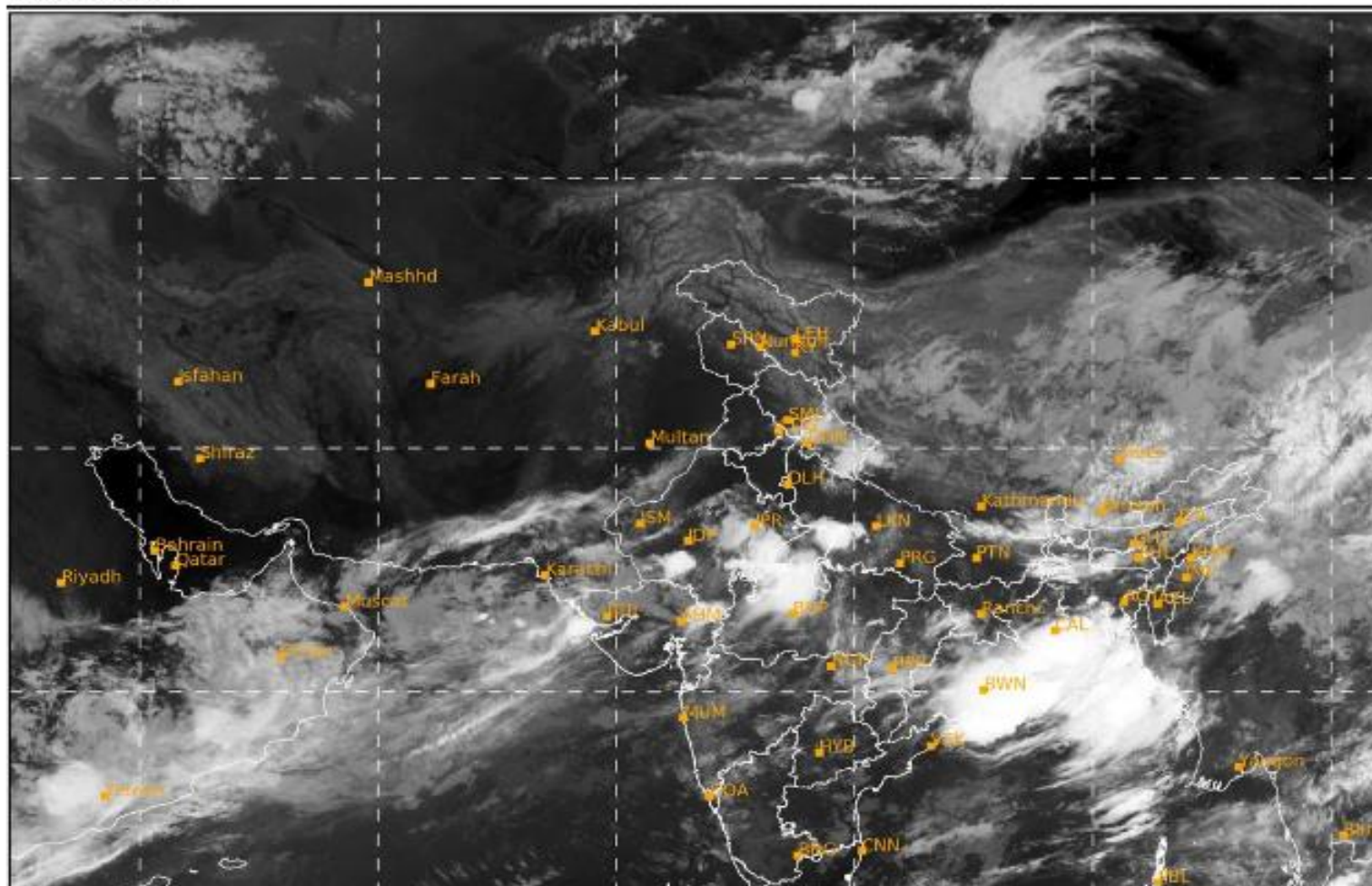
Land Surface Temperature

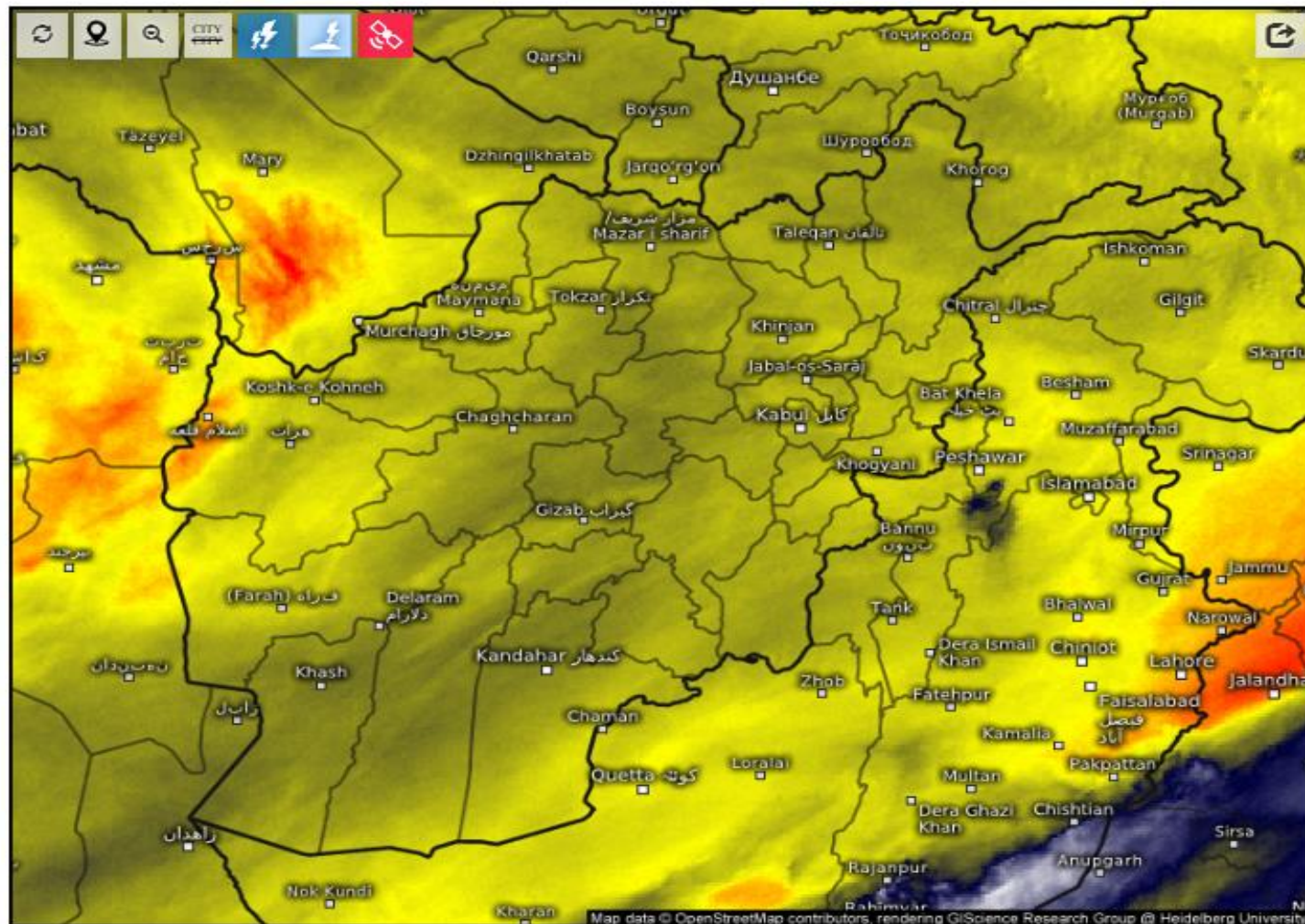
2025-08-21 03:00(UTC)



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

21-08-2025/(0215 to 0242) GMT
21-08-2025/(0745 to 0812) IST





Satellite Water Vapor

Thu 08/21/2025, 07:30am GMT+0430

