



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



Daily reports of Satellite imagery analysis. Date & Time: 22/05/2025, 03:00 UTC, Number of reports: 994

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

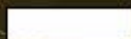
Details: According to satellite imagery analysis, the northern, southern, western, eastern, central, northeastern, southeastern, northwestern, and southwestern areas have warm air mass. The southern, western, central, southeastern, northwestern, and southwestern areas have dust. The northeastern areas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

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

- Reported by: Sayed Taher Atlas

UTC : 2025-05-22 00:15

AirMass



Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



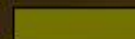
Jet



Cold Airmass



Warm Airmass
(high UTH)



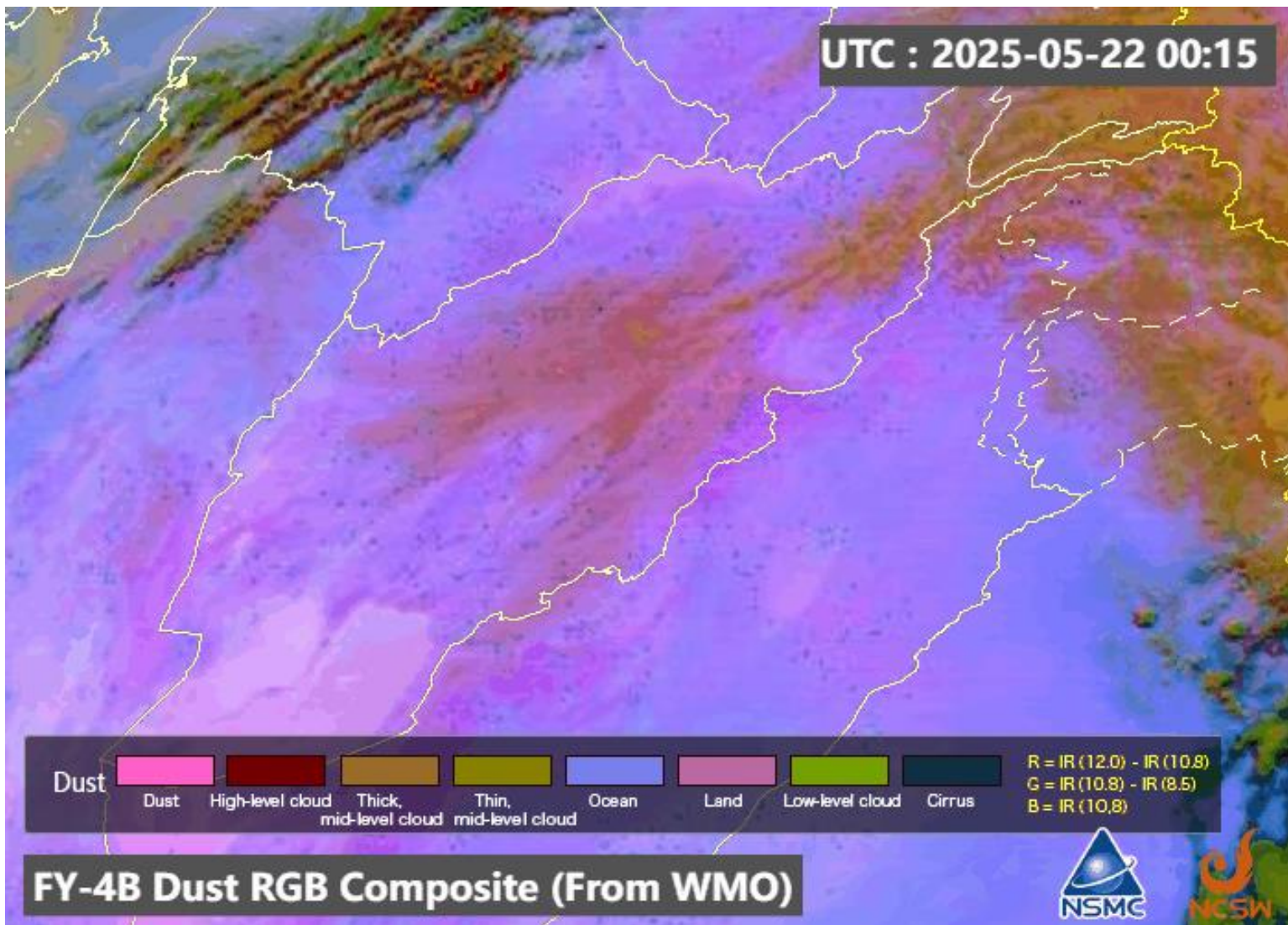
Warm Airmass
(low UTH)

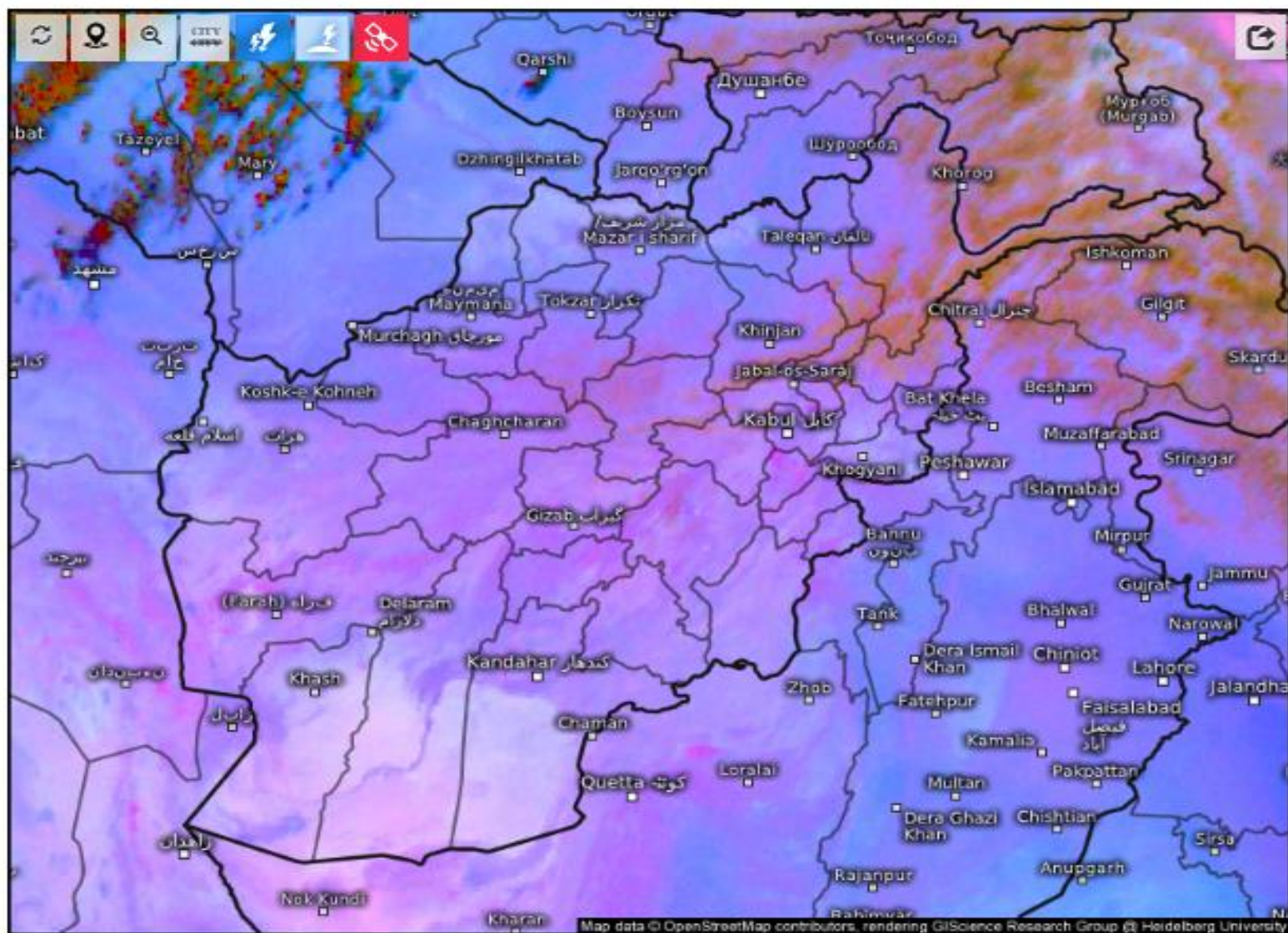
R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)



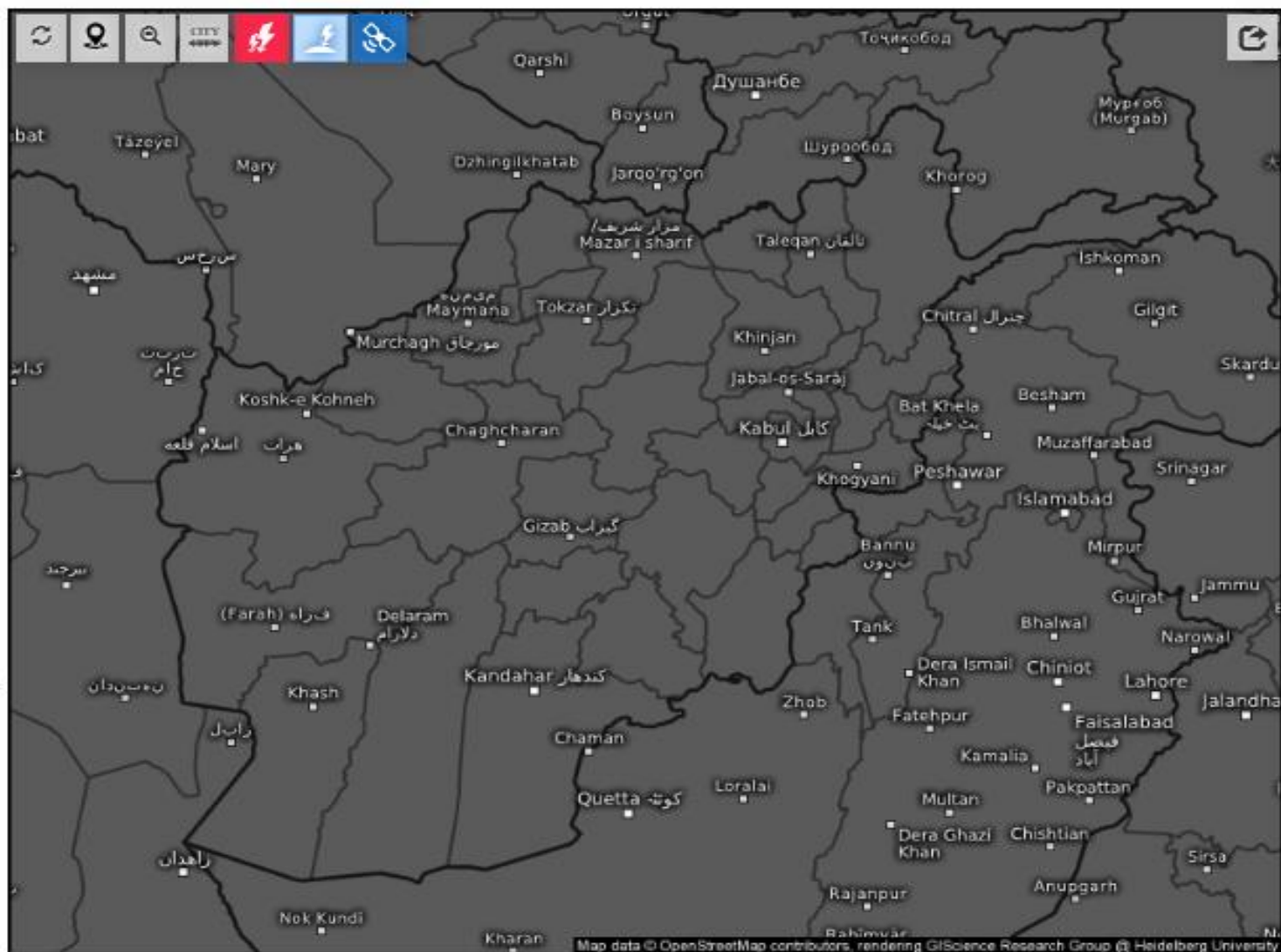
UTC : 2025-05-22 00:15





Satellite Dust 

Thu 05/22/2025, 07:30am GMT+0430

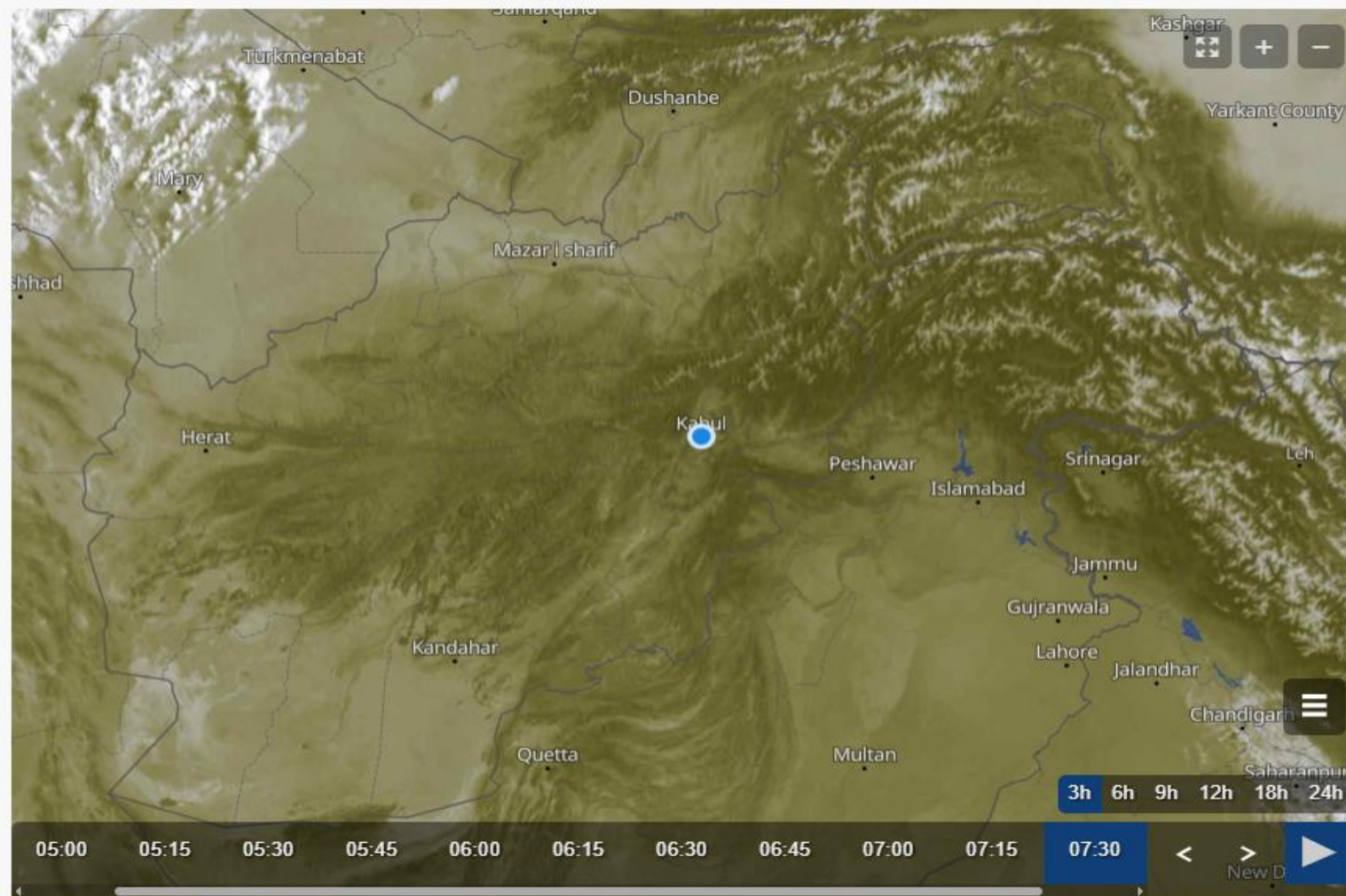


Age of lightning (minutes) 

Thu 05/22/2025, 07:30am GMT+0430

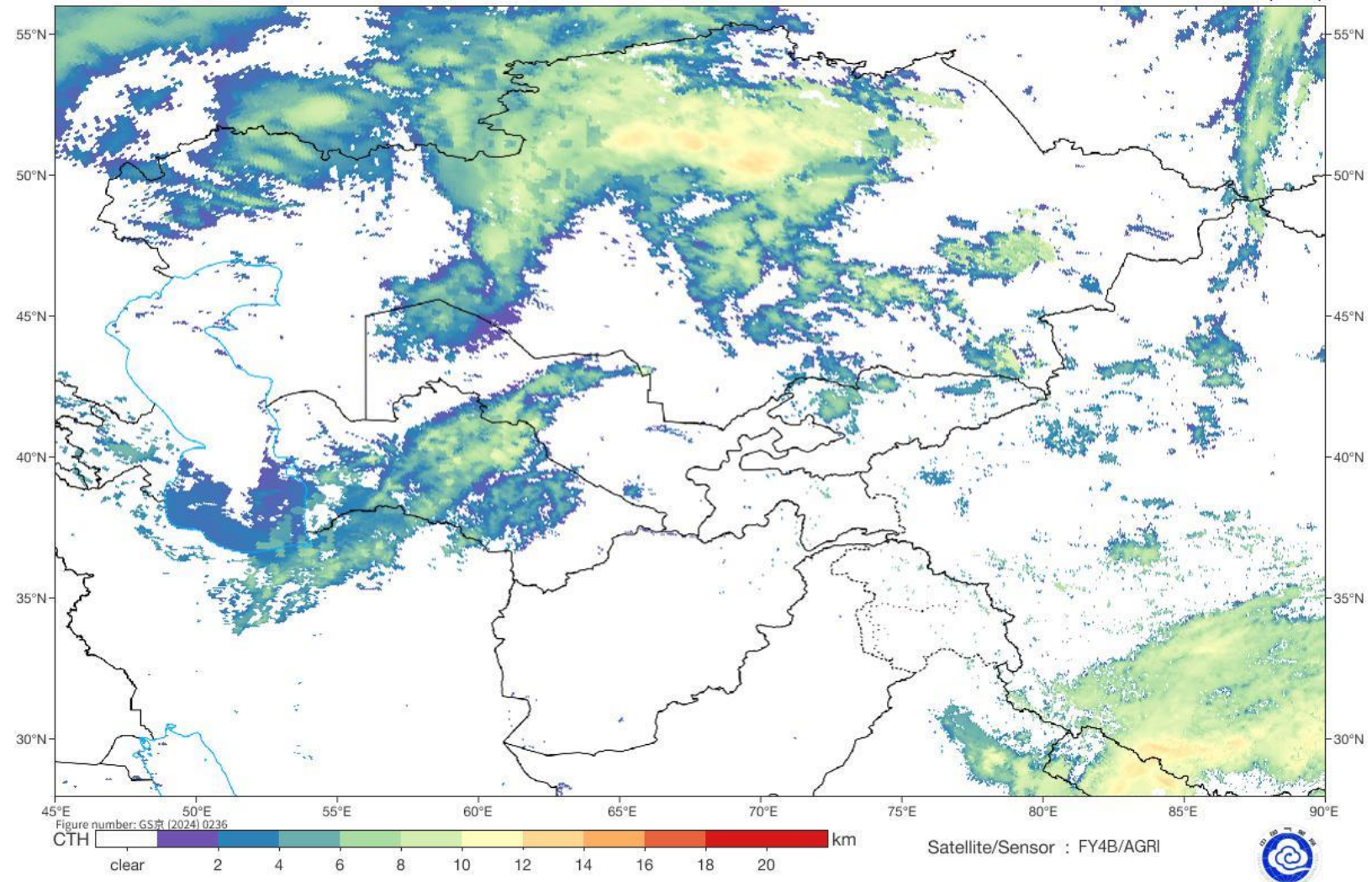


Live satellite map, Afghanistan



Cloud Top Height

2025-05-22 03:00(UTC)



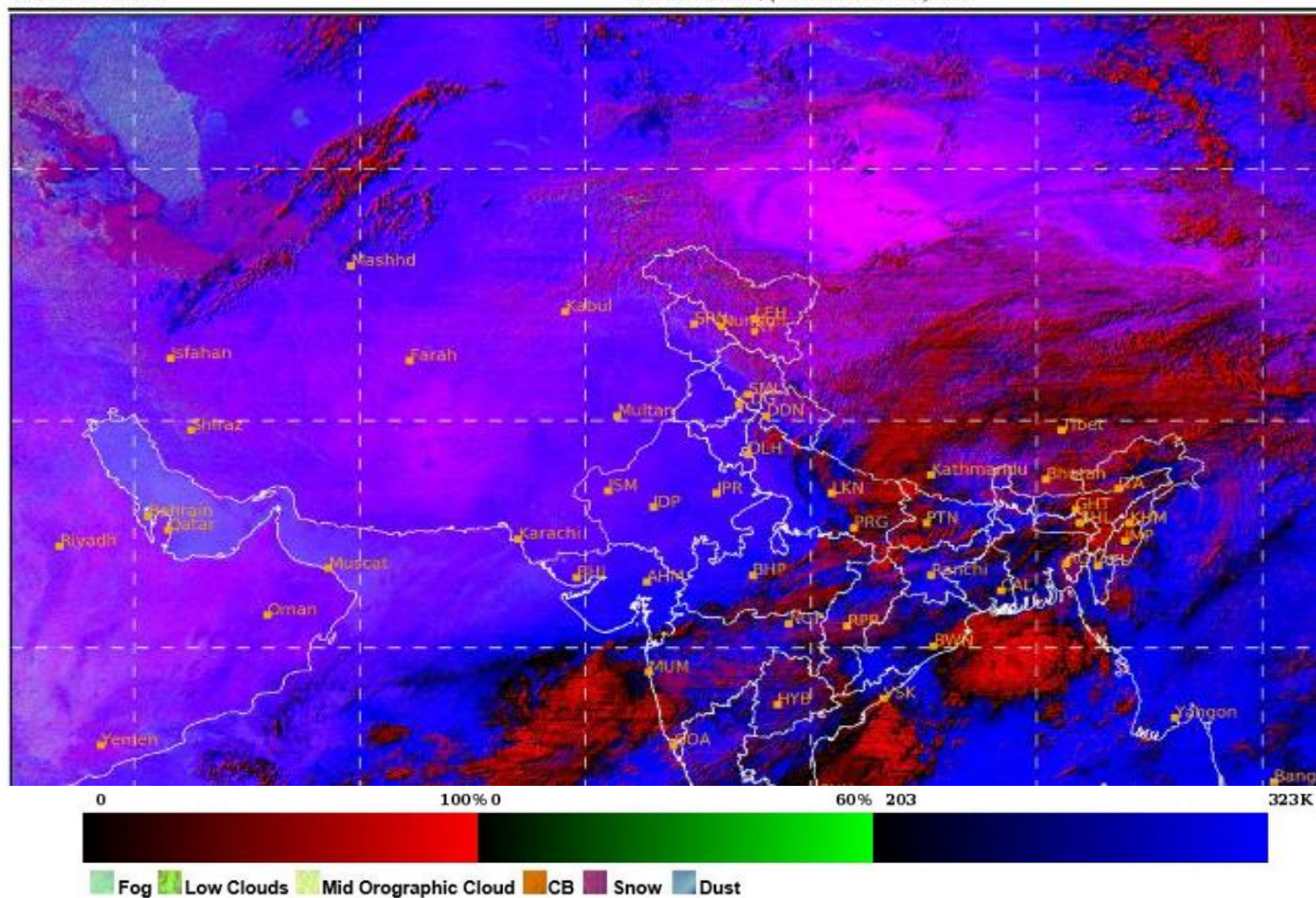
SAT : INSAT-3DR IMG

22-05-2025/(0245 to 0312) GMT

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

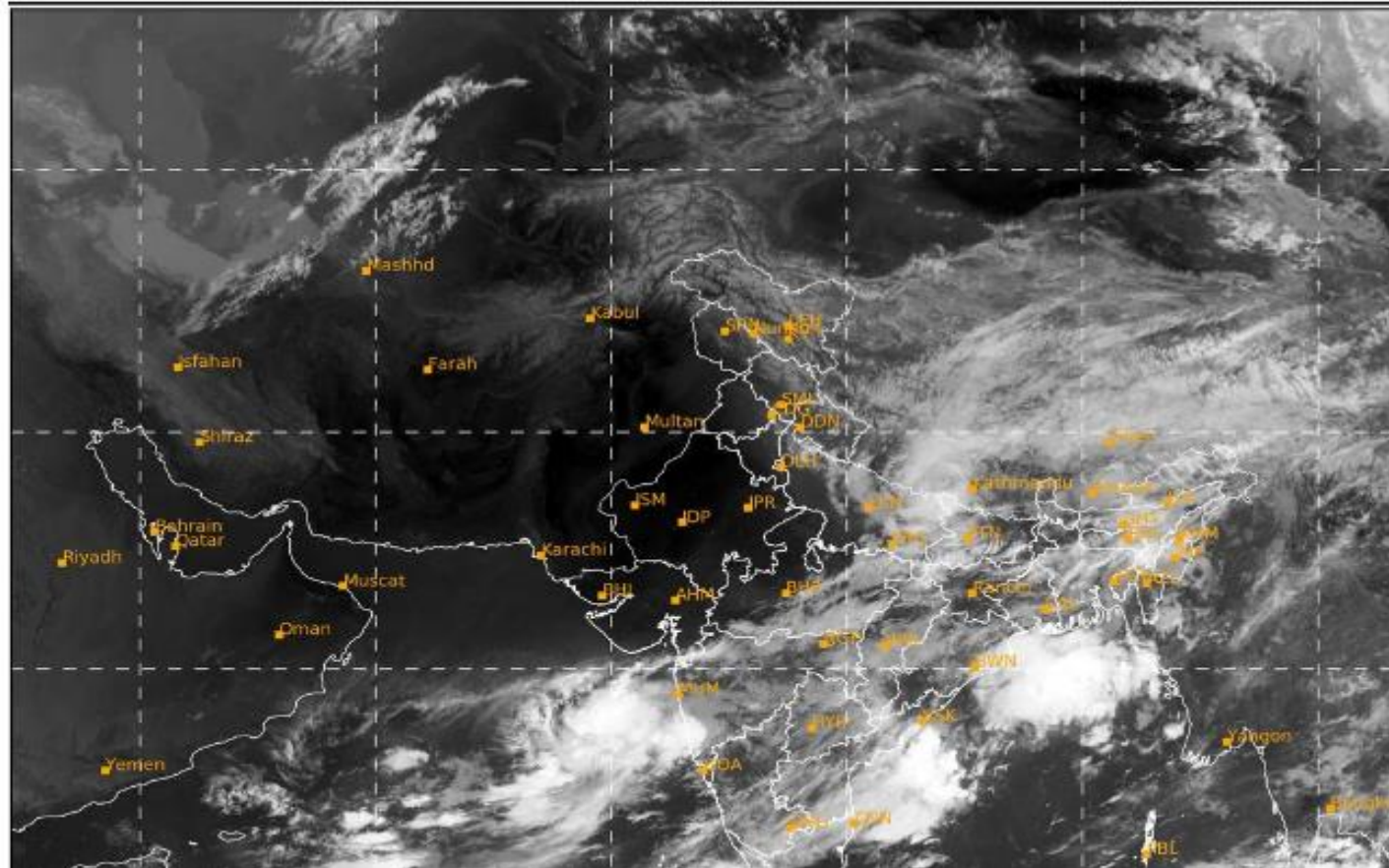
L1C Mercator

22-05-2025/(0815 to 0842) IST



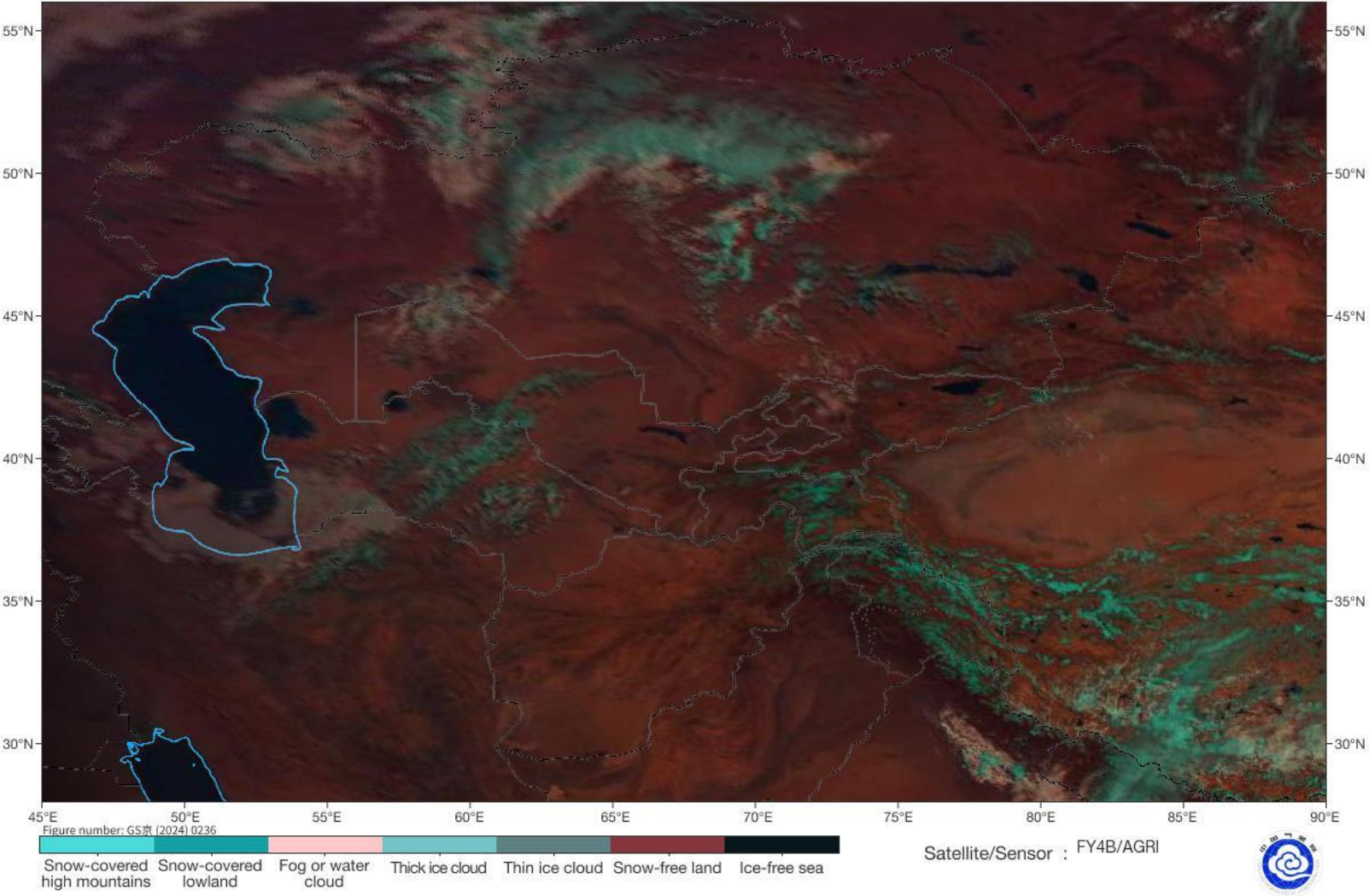
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

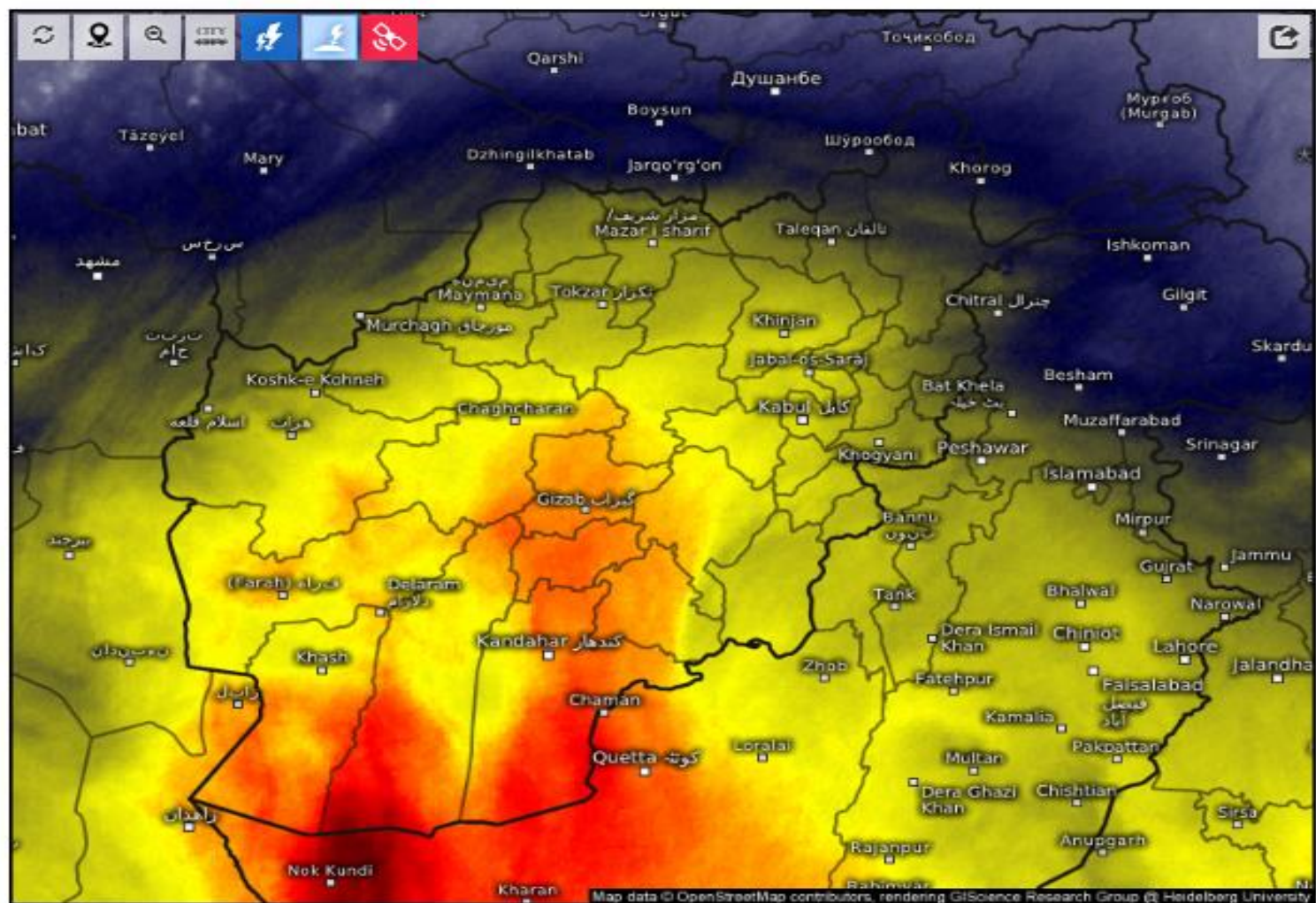
22-05-2025/(0245 to 0312) GMT
22-05-2025/(0815 to 0842) IST



Fog Identification

2025-05-22 03:00(UTC)





Satellite Water Vapor

Thu 05/22/2025, 07:30am GMT+0430

