



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



Daily reports of Satellite imagery analysis. Date & Time: 15/05/2025, 03:00 UTC, Number of reports: 974

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

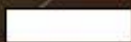
Details: According to satellite imagery analysis, the northern, southern, western, eastern, central, northeastern, southeastern, northwestern, and southwestern areas have warm air mass. The southern, western, central, southeastern, northwestern areas have dust. The northern, northeastern, and northwestern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

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

- Reported by: Sayed Taher Atlas

UTC : 2025-05-15 00:30

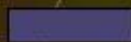
AirMass



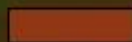
Thick,
high-level cloud



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)

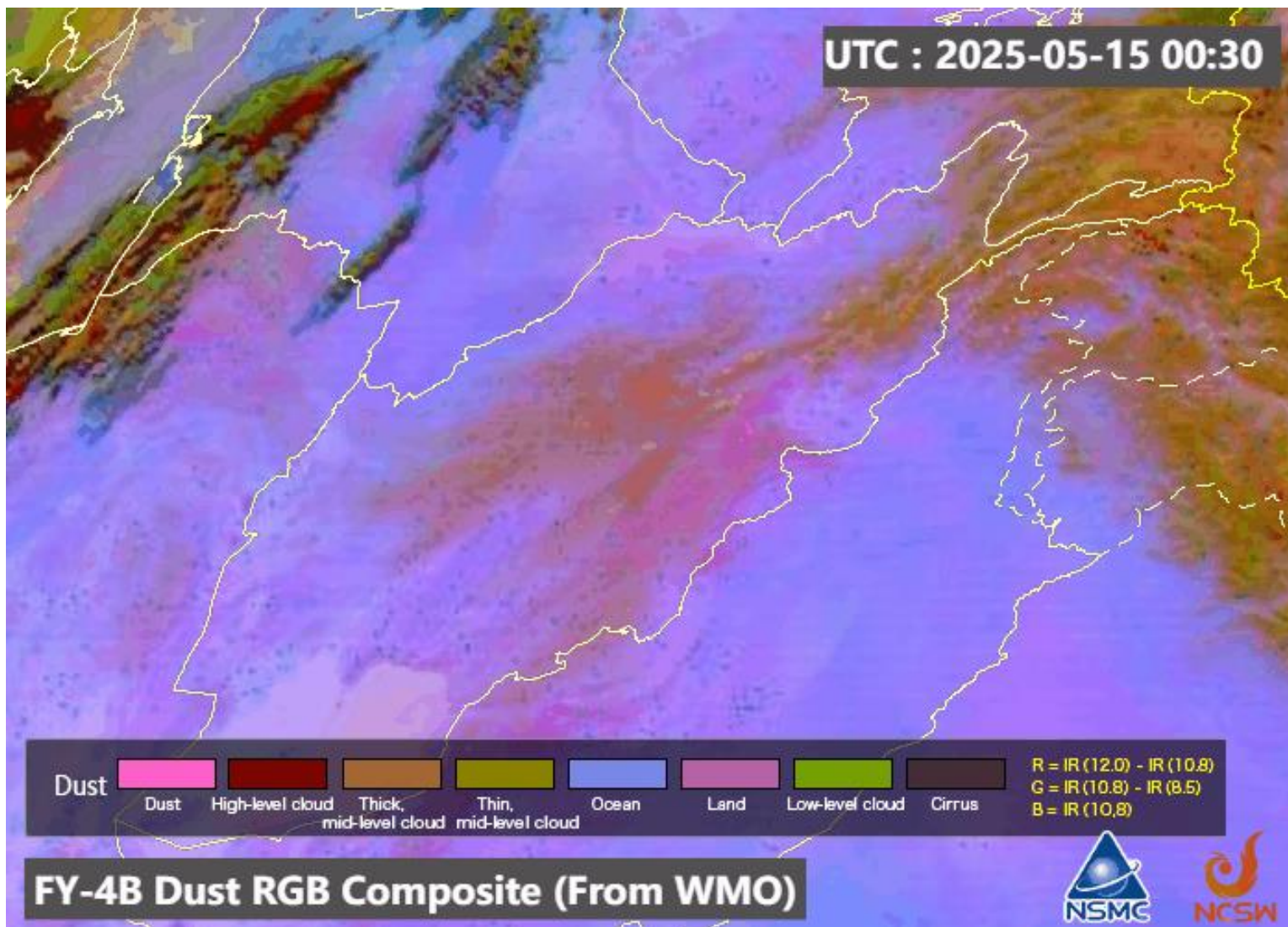
G = IR (8.5) - IR (10.8)

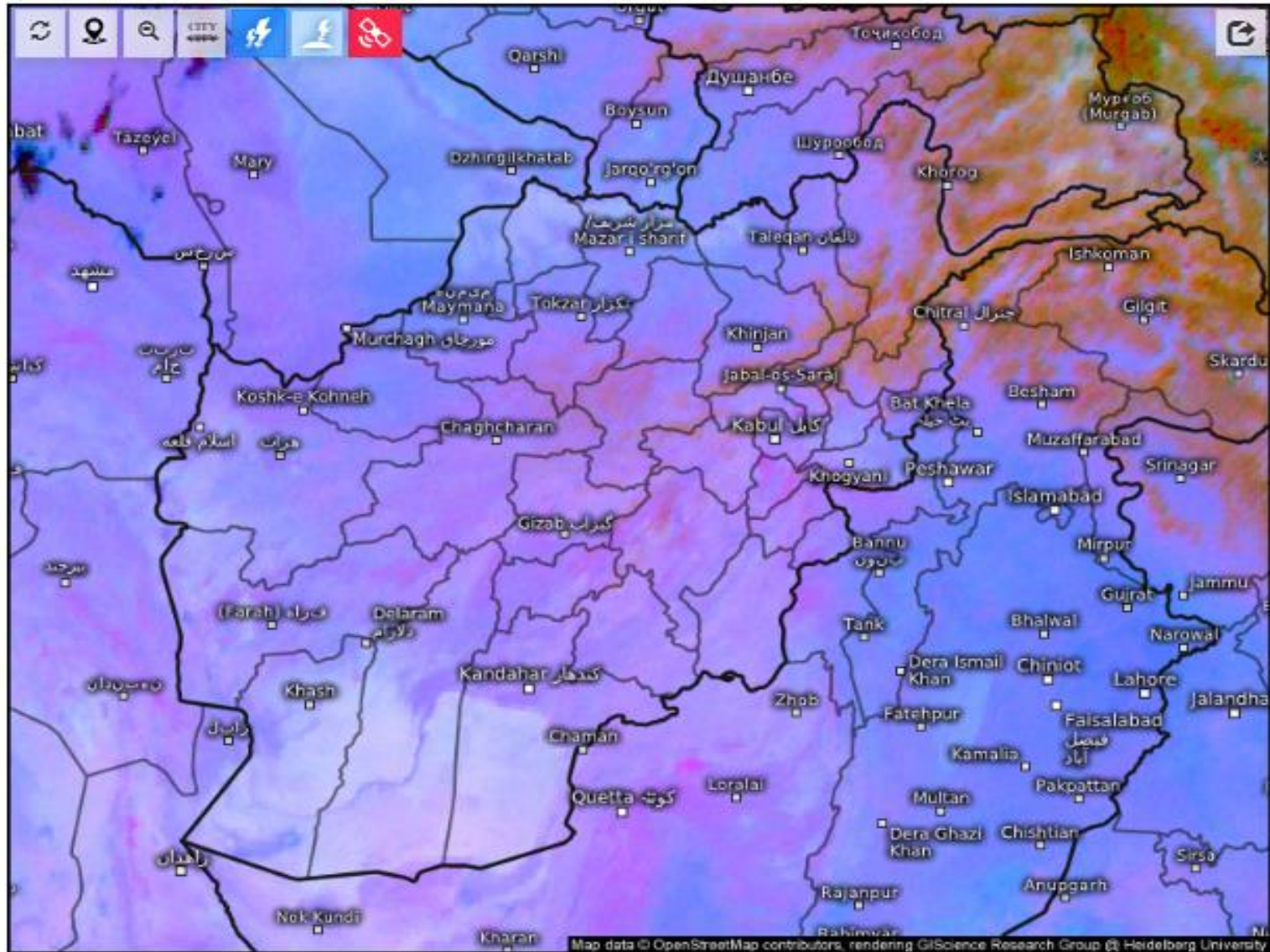
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)



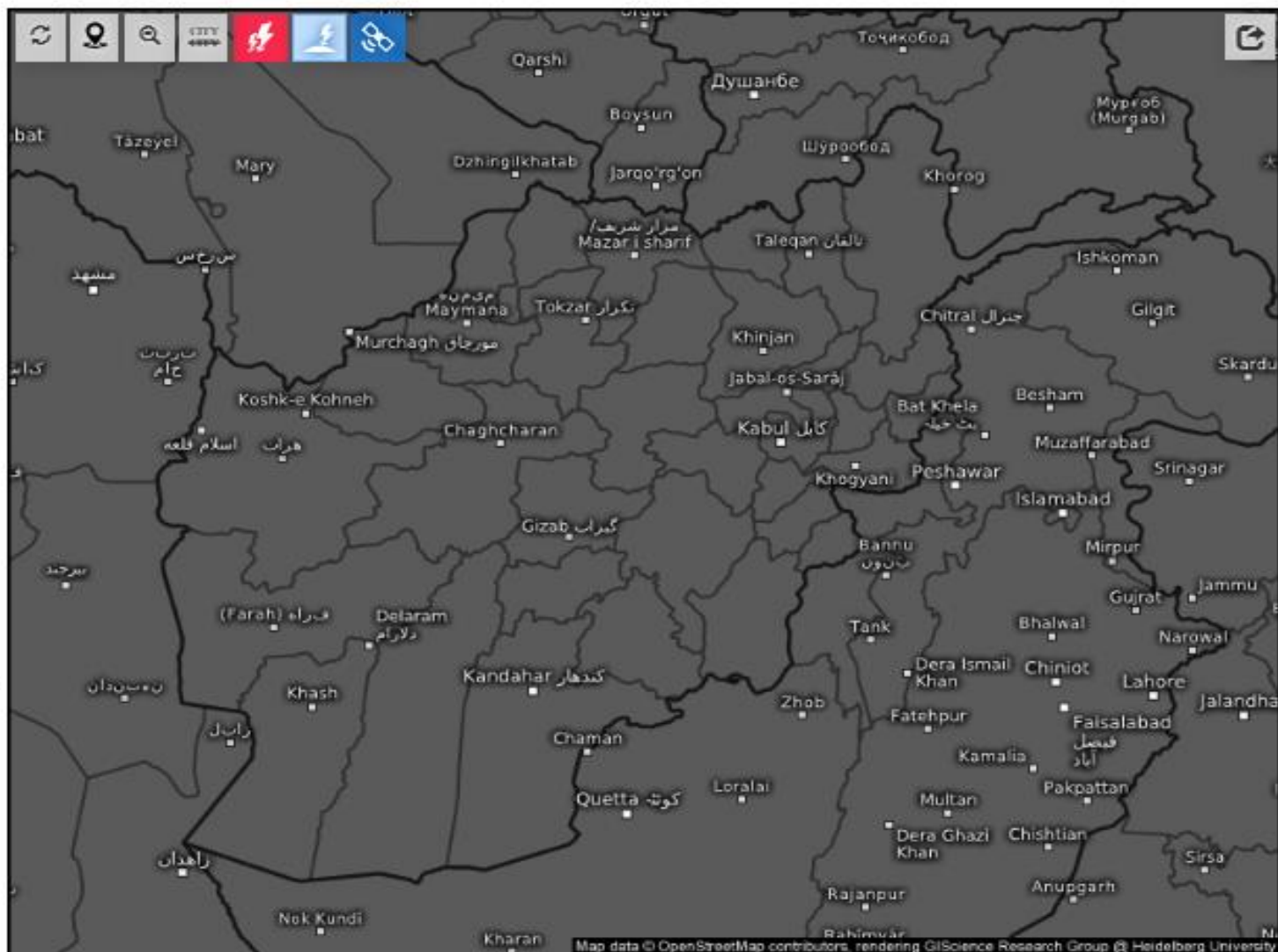
UTC : 2025-05-15 00:30





Satellite Dust 

Thu 05/15/2025, 07:30am GMT+0430

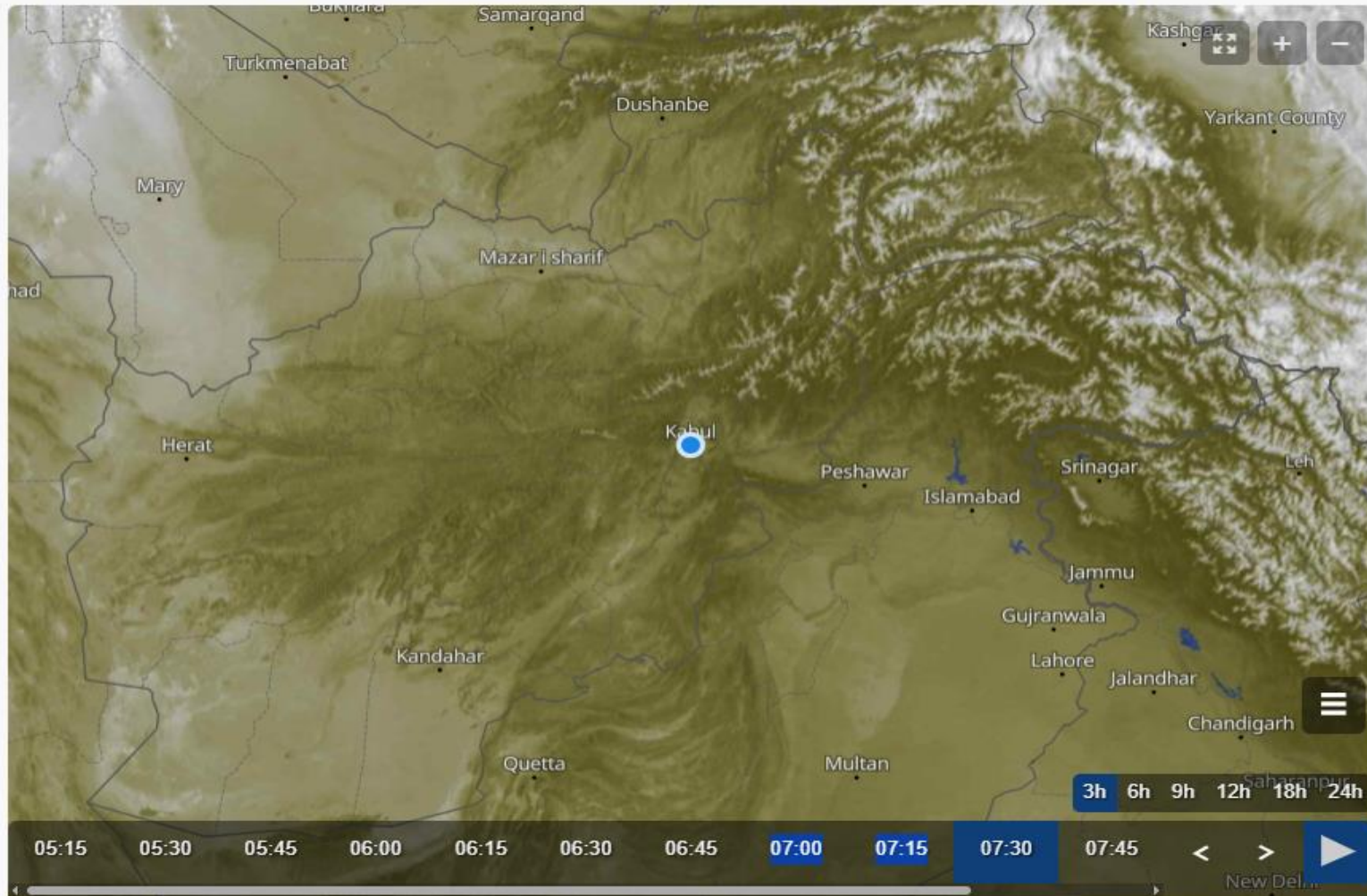


Age of lightning (minutes) ⓘ

Thu 05/15/2025, 07:30am GMT+0430

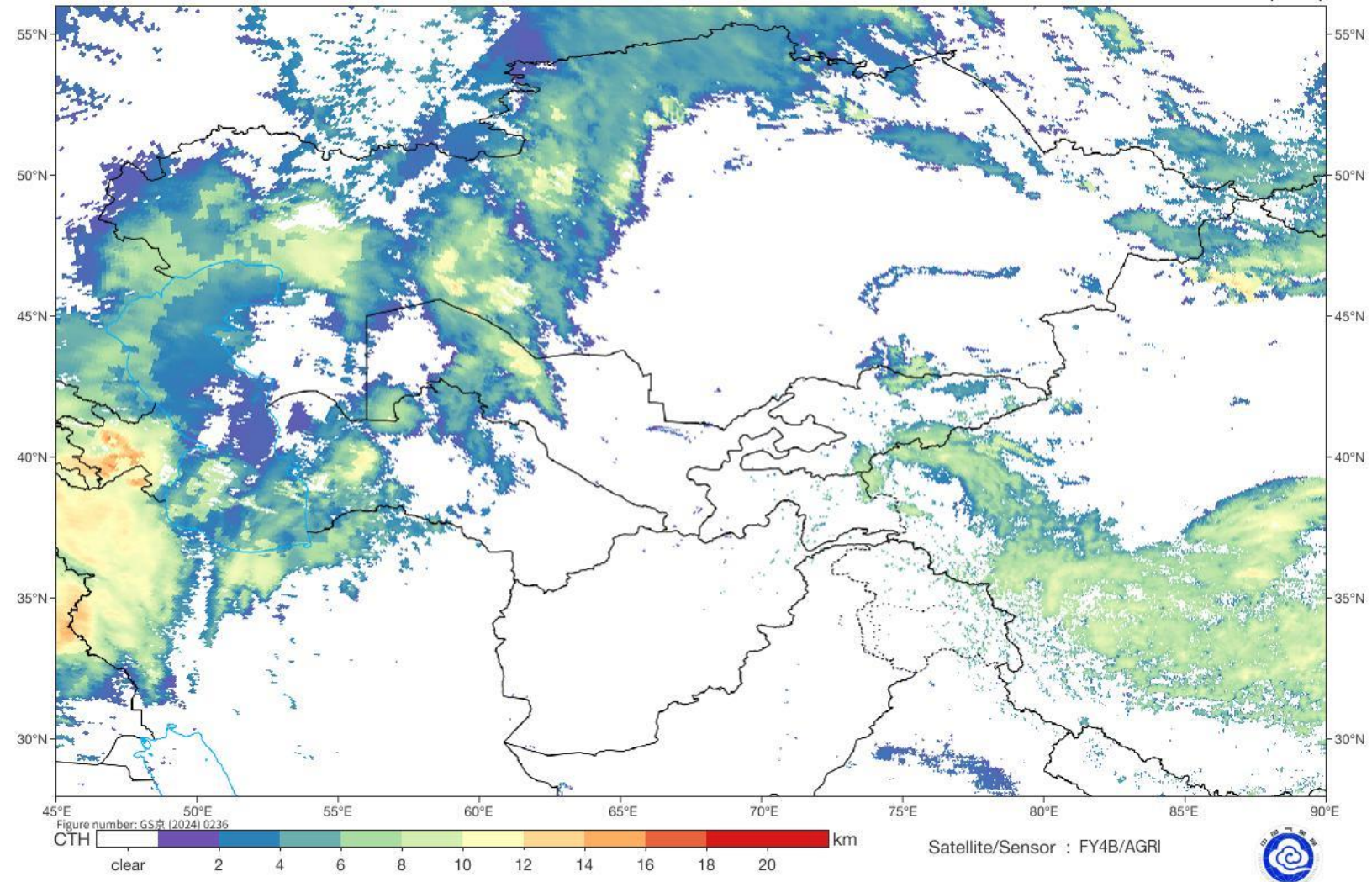


Live satellite map, Afghanistan



Cloud Top Height

2025-05-15 03:00(UTC)



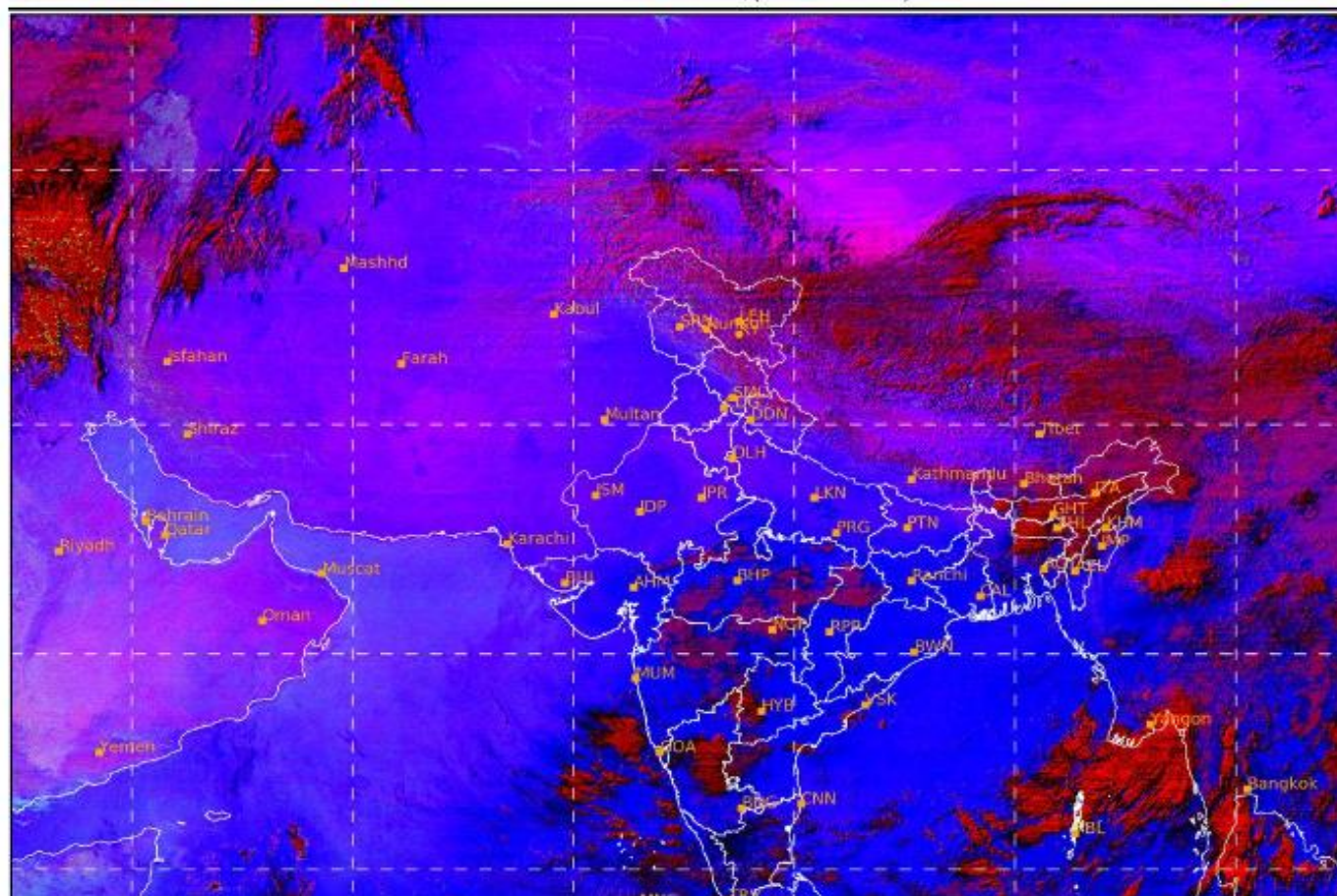
SAT : INSAT-3DR IMG

15-05-2025/(0245 to 0312) GMT

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

L1C Mercator

15-05-2025/(0815 to 0842) IST

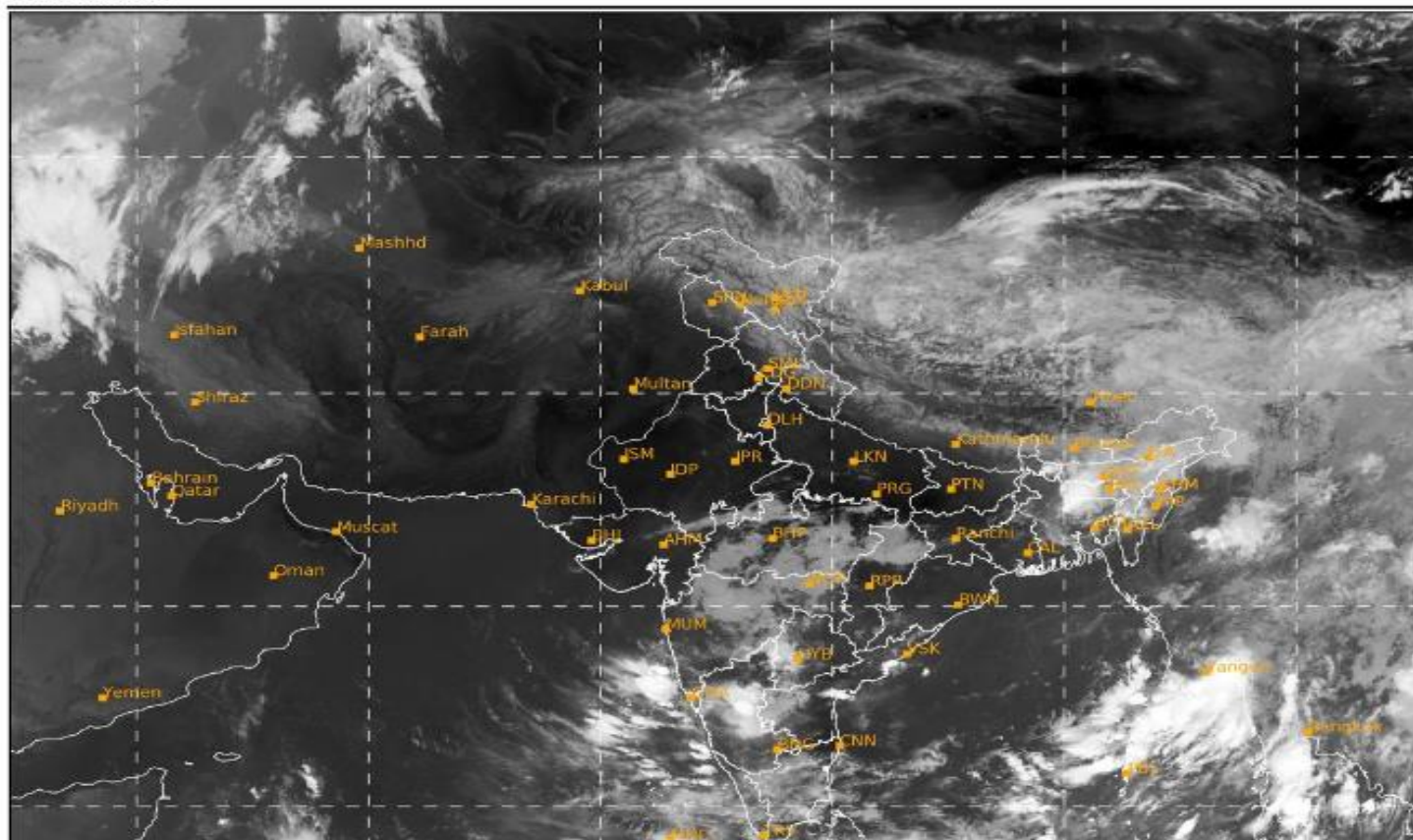


0 100% 0 60% 203 323K

Fog Low Clouds Mid Orographic Cloud CB Snow Dust

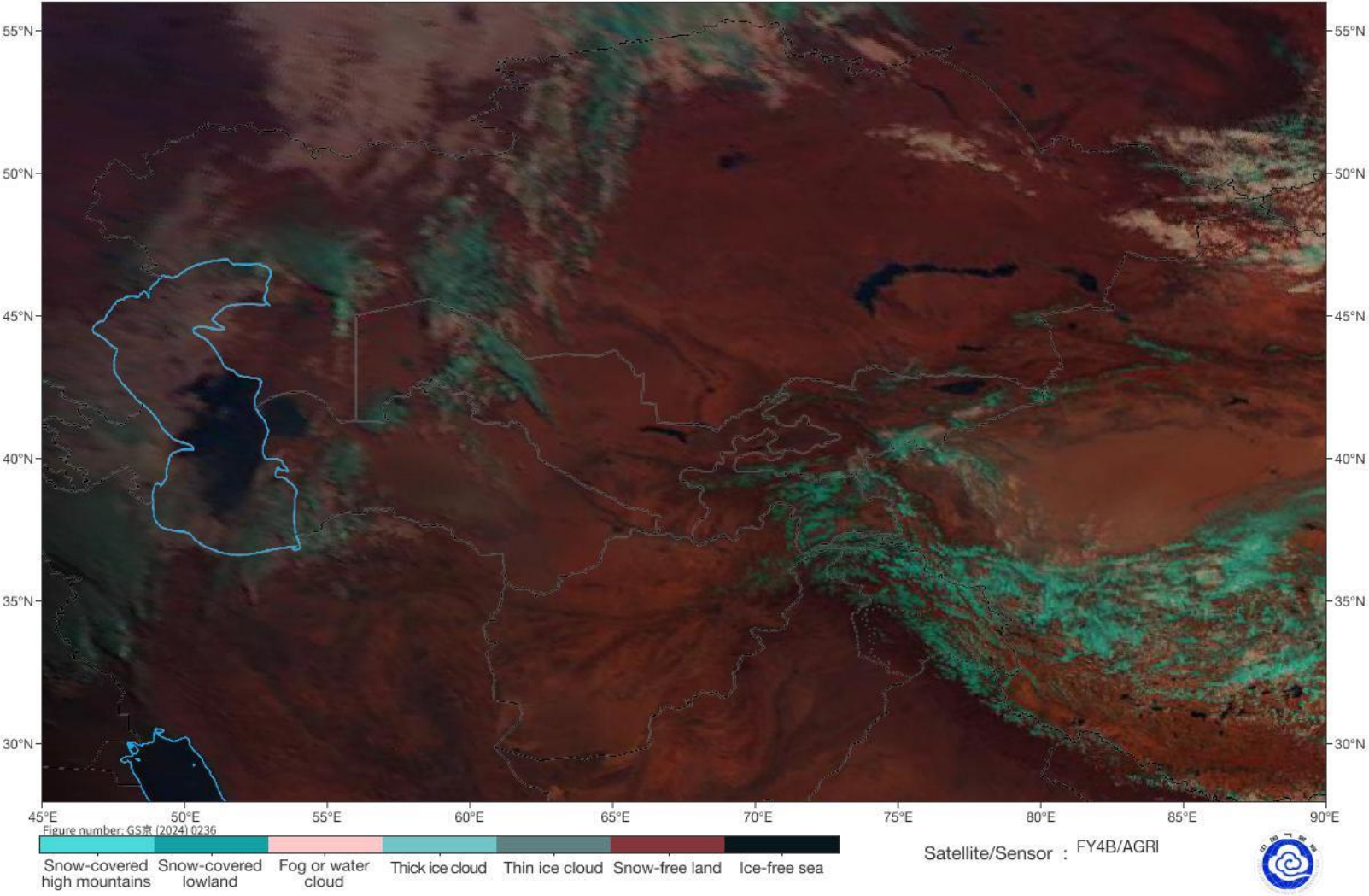
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

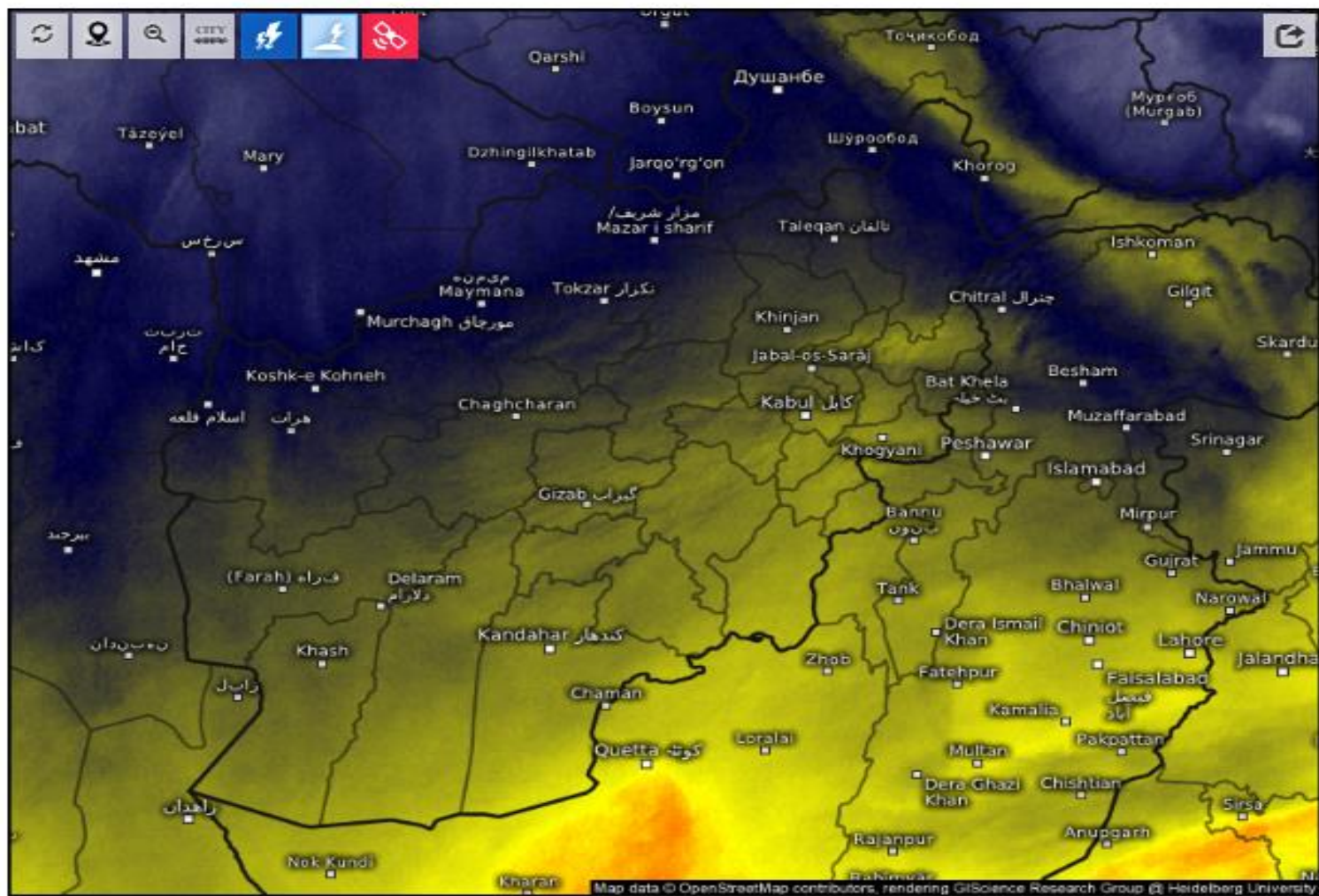
15-05-2025/(0245 to 0312) GMT
15-05-2025/(0815 to 0842) IST



Fog Identification

2025-05-15 03:00(UTC)





Satellite Water Vapor

Thu 05/15/2025, 07:30am GMT+0430

