



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



Daily reports of Satellite imagery analysis. Date & Time: 09-05-2026, 06:00 UTC

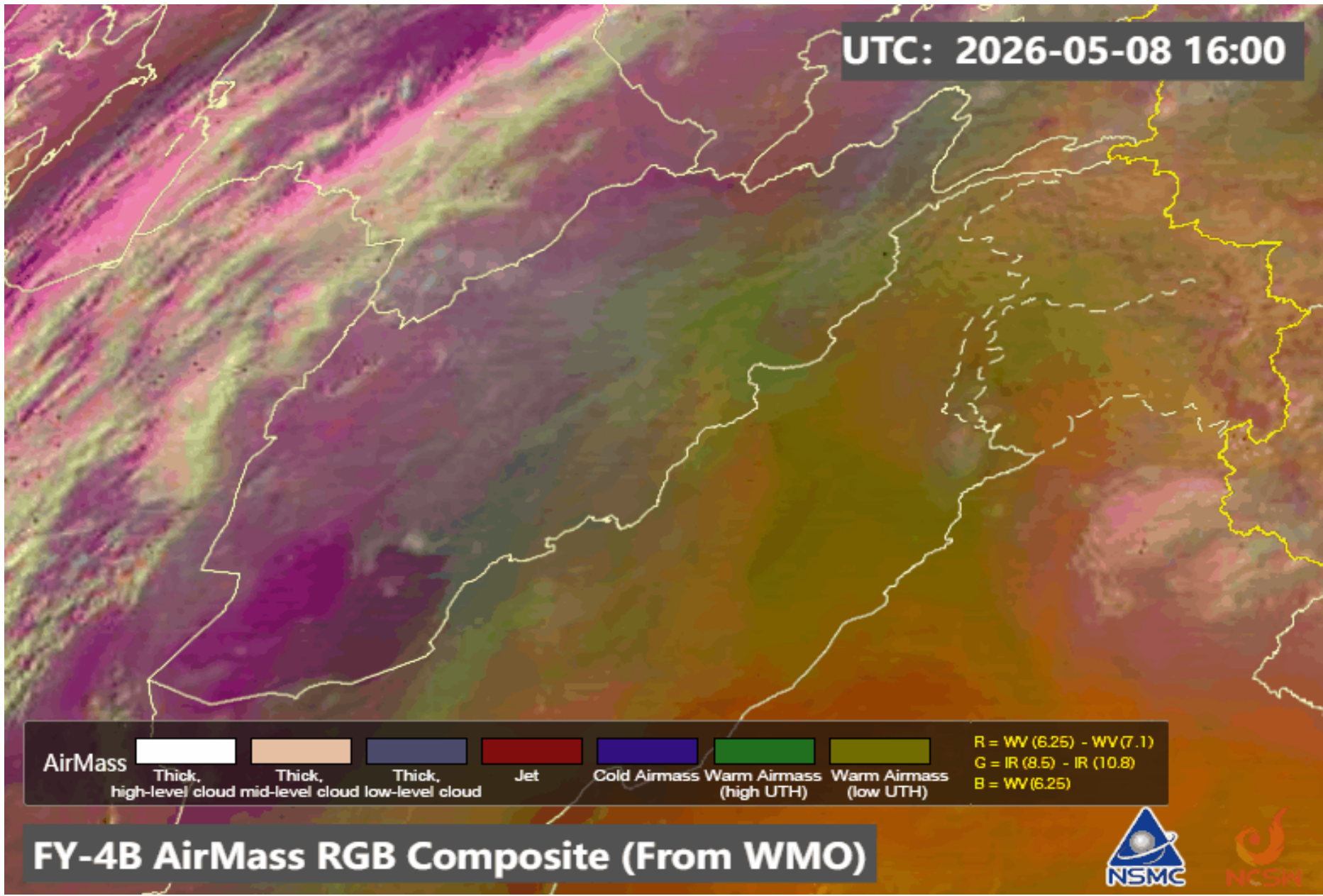
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	✓	X	✓ moderate	X	X	
2	South	✓	✓	X	X	X	✓ moderate	X	X	
3	West	✓	X	X	X	X	✓ moderate	X	X	
4	East	✓	✓	X	X	X	✓ moderate	X	X	
5	central	✓	✓	X	✓	X	✓ moderate	X	X	
6	Northeast	✓	X	X	✓	X	✓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

Details: according to satellite imagery analysis, the northern, southern, western, northeastern, southeastern, northwestern, southwestern regions have cold air mass. The eastern, central regions have warm air mass with (High UTH). The southern, eastern, central, southeastern, northwestern regions have dust. The northern, central, northeastern, northwestern regions have cloudy sky. The all-regions have moderate water vapor.

Not: X (Not existing phenomena) v (existing phenomena)

Reported by: Esmatullah Mohammadi

UTC: 2026-05-08 16:00

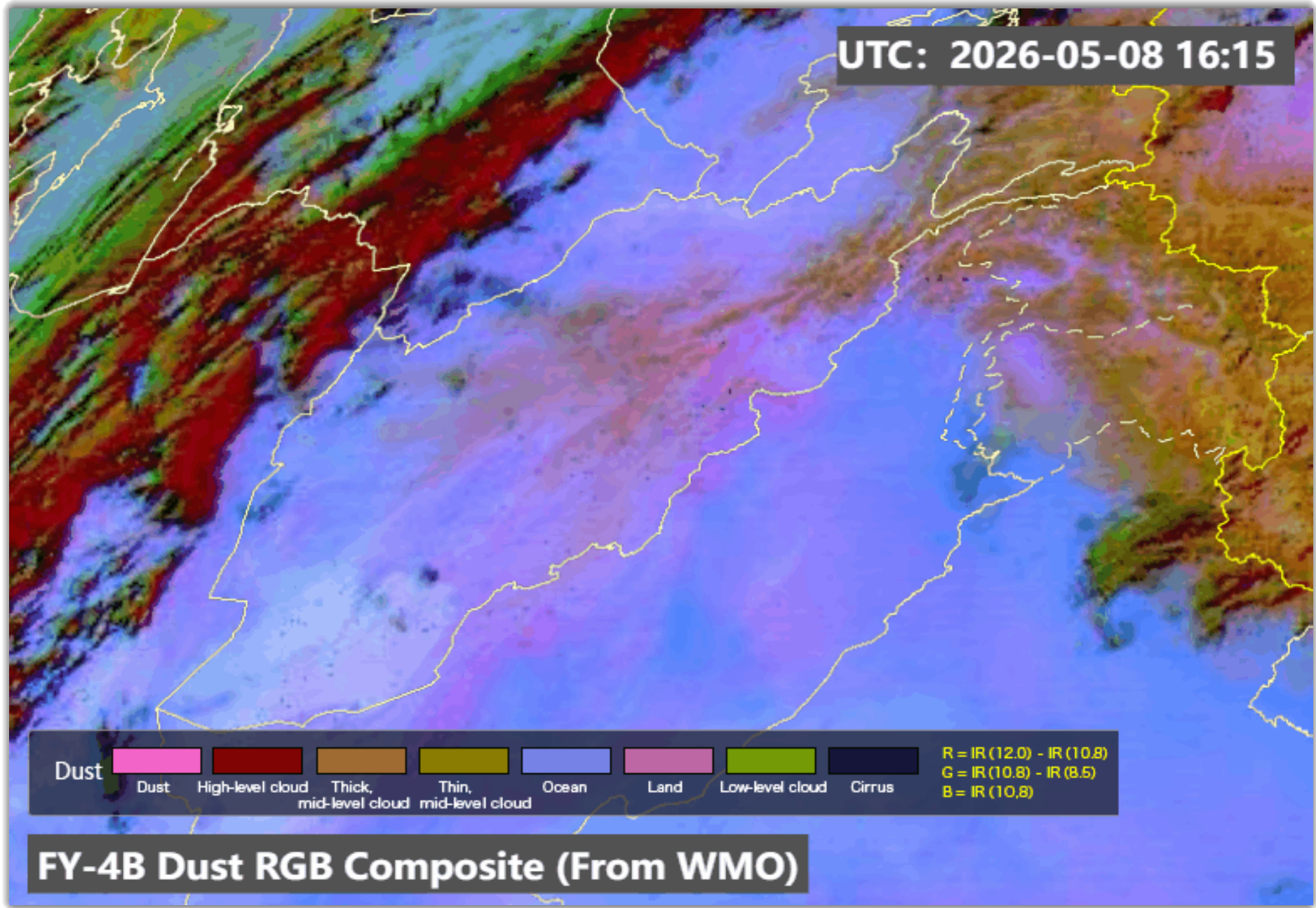


AirMass Thick, high-level cloud Thick, mid-level cloud Thick, low-level cloud Jet Cold Airmass Warm Airmass (high UTH) Warm Airmass (low UTH)
 R = WV (6.25) - WV (7.1)
 G = IR (8.5) - IR (10.8)
 B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)



UTC: 2026-05-08 16:15



Dust



R = IR (12.0) - IR (10.8)
G = IR (10.8) - IR (8.5)
B = IR (10.8)

FY-4B Dust RGB Composite (From WMO)

Sand And Dust Identification

2026-05-09 05:45(UTC)

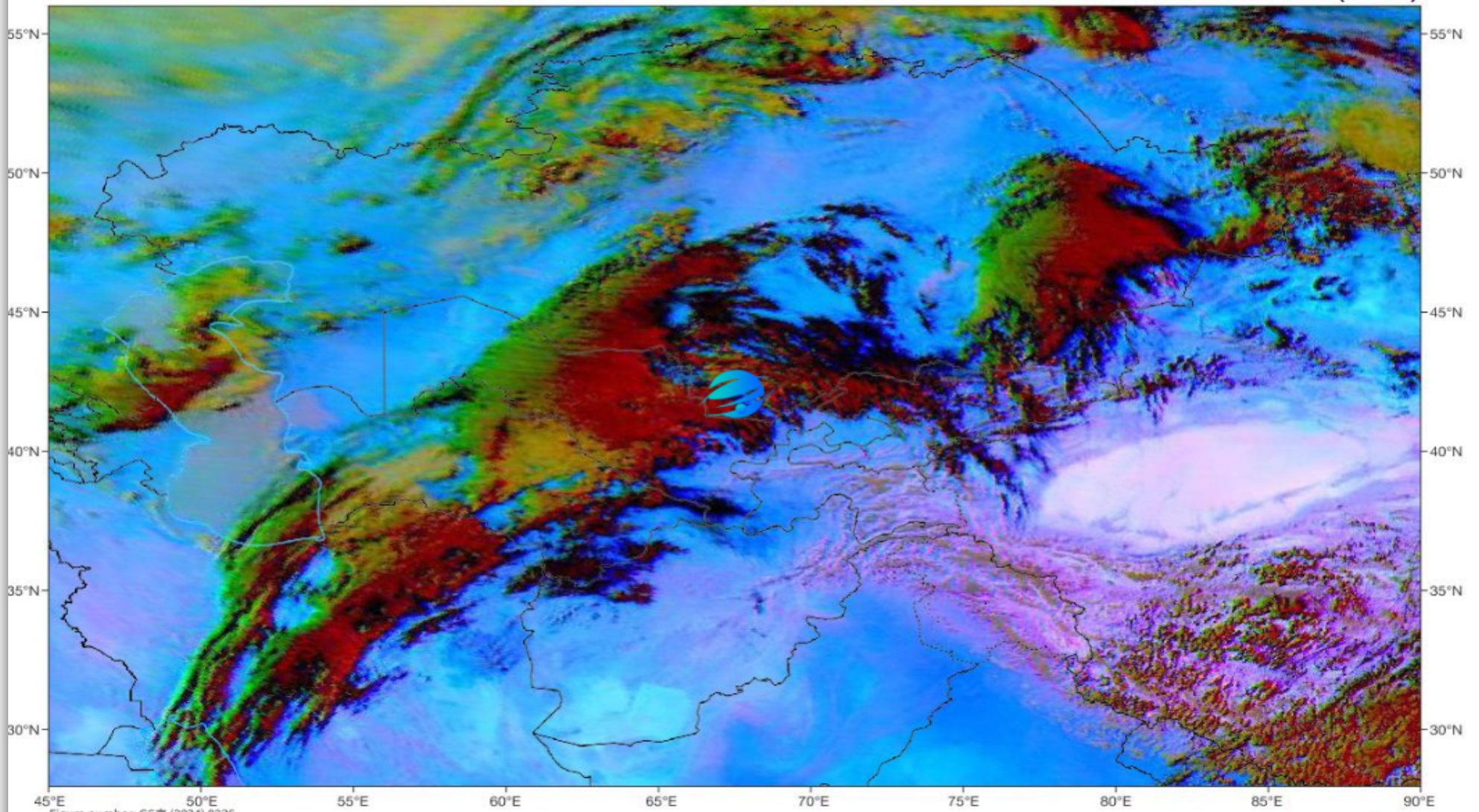


Figure number: GS京 (2024) 0236

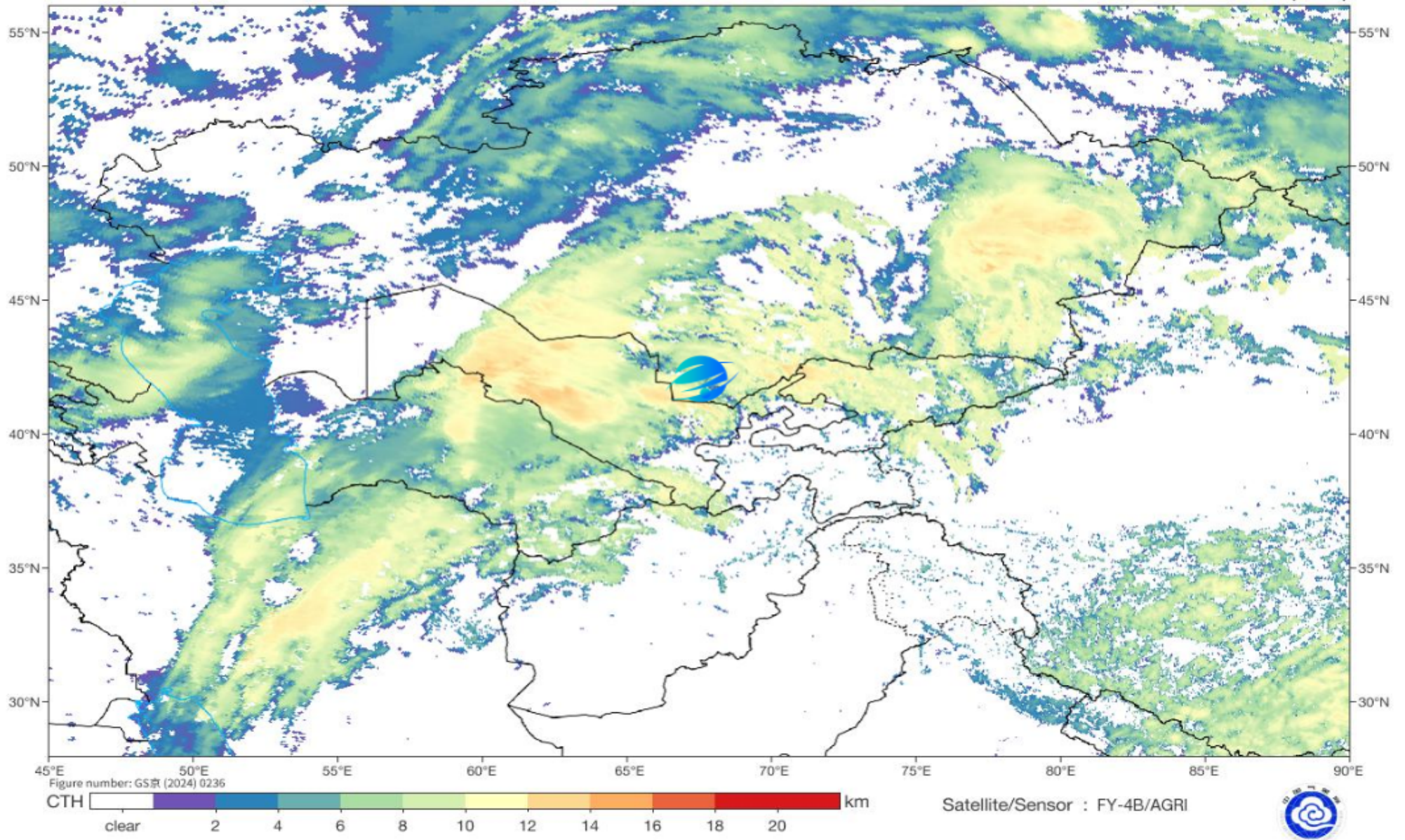
Satellite/Sensor : FY-4B/AGRI



- dust
- cirrus cloud
- cold, thick altostratus
- thick mesospheric cloud
- cirrus clouds over the desert
- desert
- low altitude humid air (~700hpa)
- low altitude dry air

Cloud Top Height

2026-05-09 05:45(UTC)

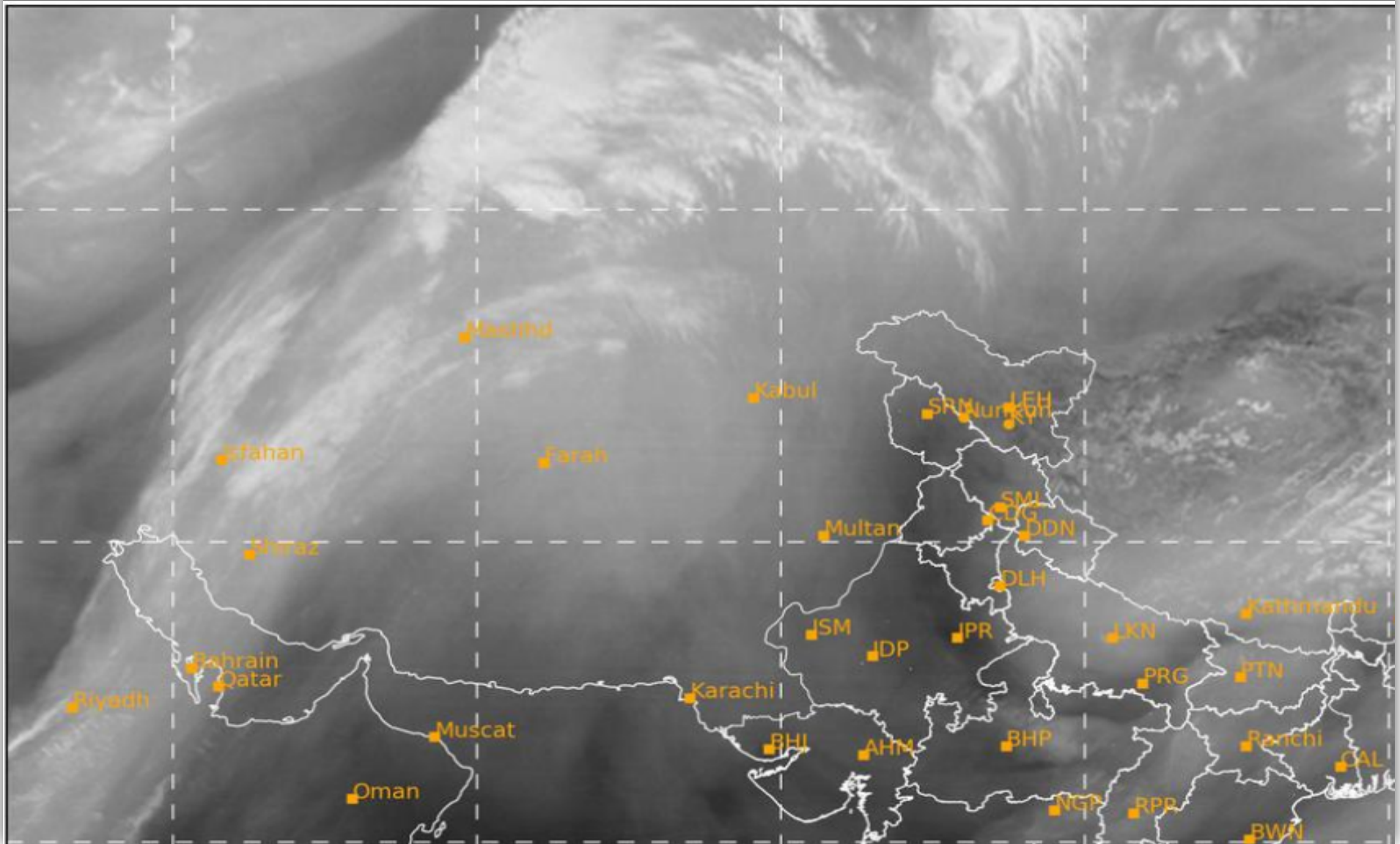


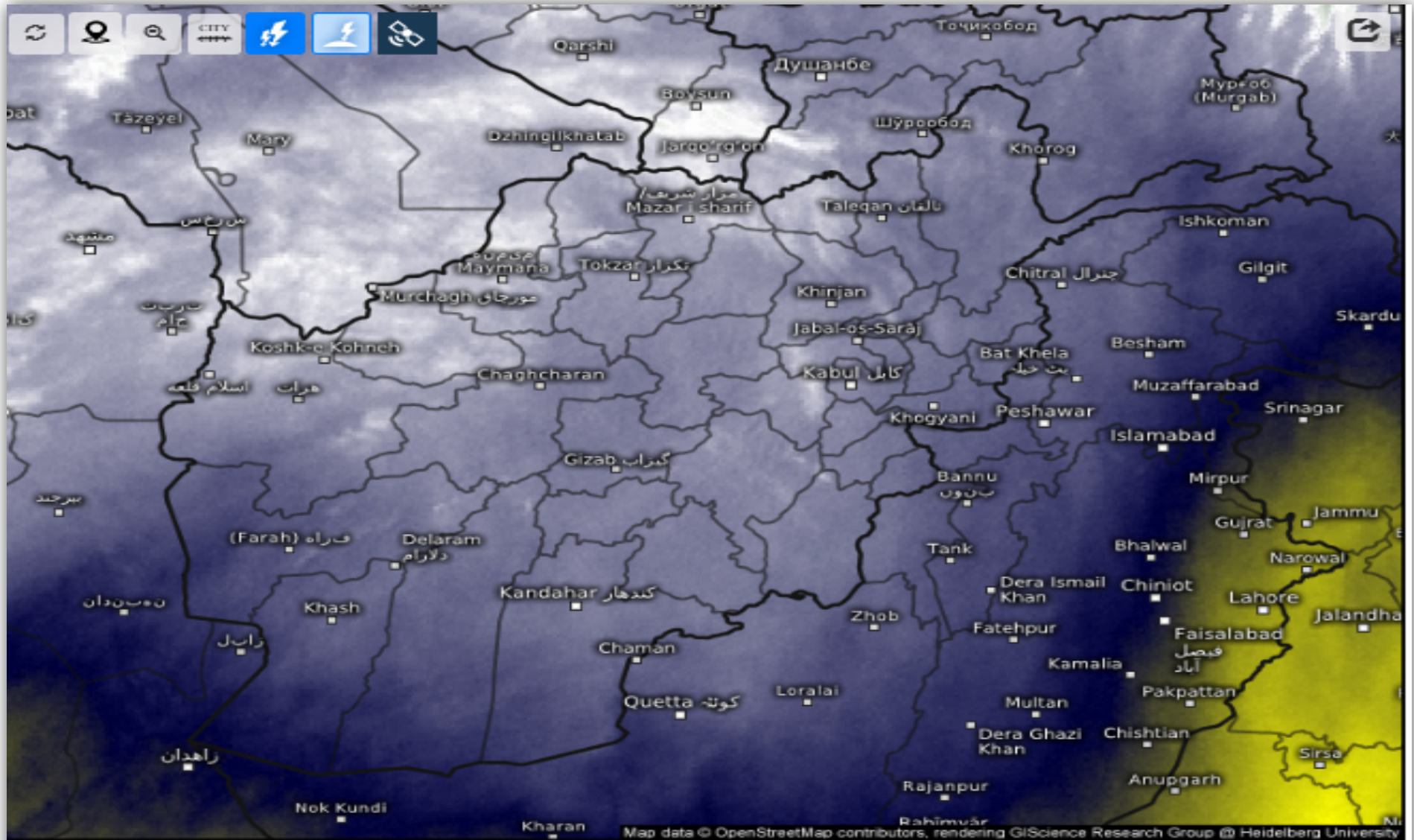
Live satellite map, Afghanistan



SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

09-05-2026/(0415 to 0442) GMT
09-05-2026/(0945 to 1012) IST





Satellite Water Vapor i

Sat 05/09/2026, 10:15am GMT+0430

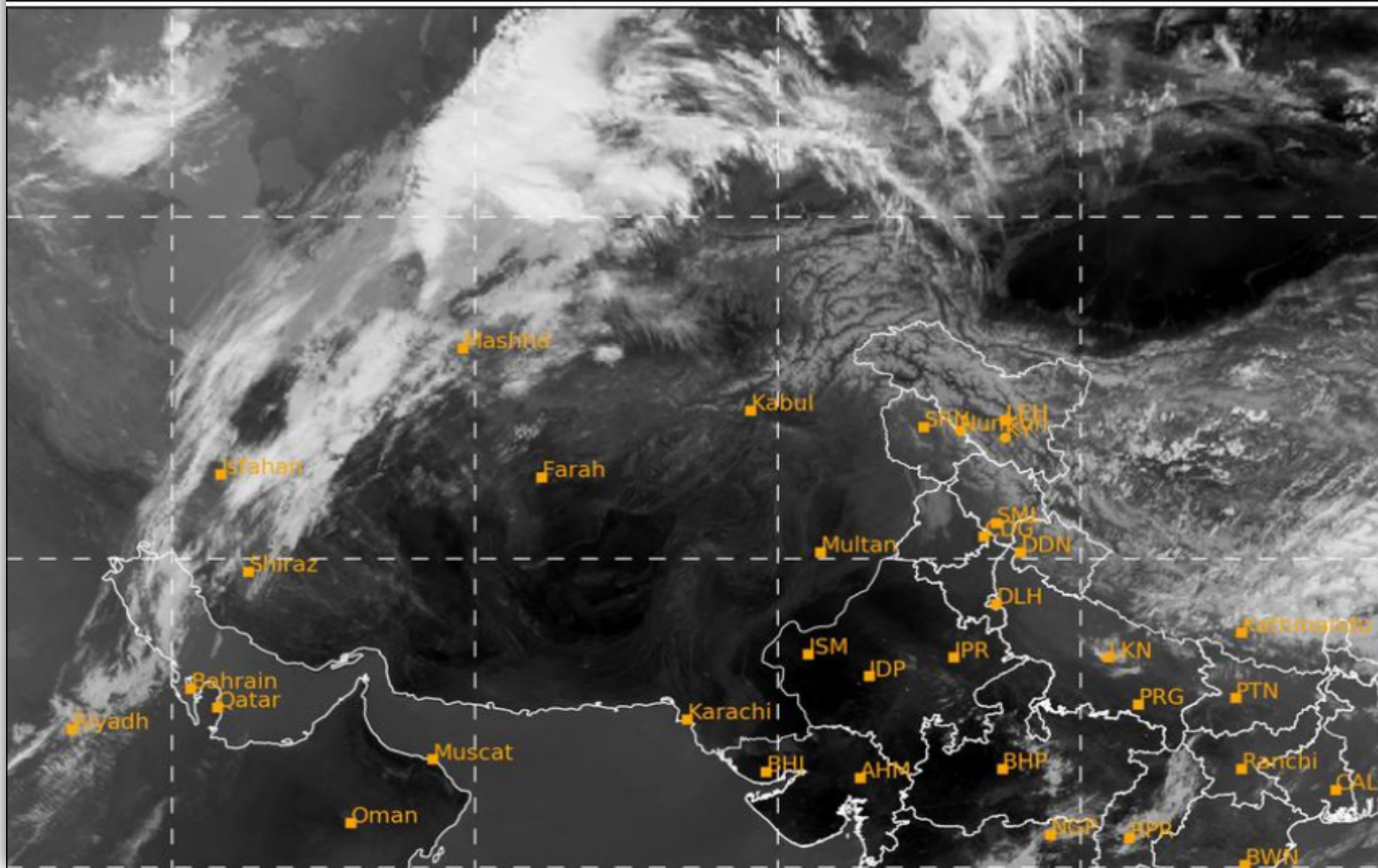


wet/cold

dry/warm

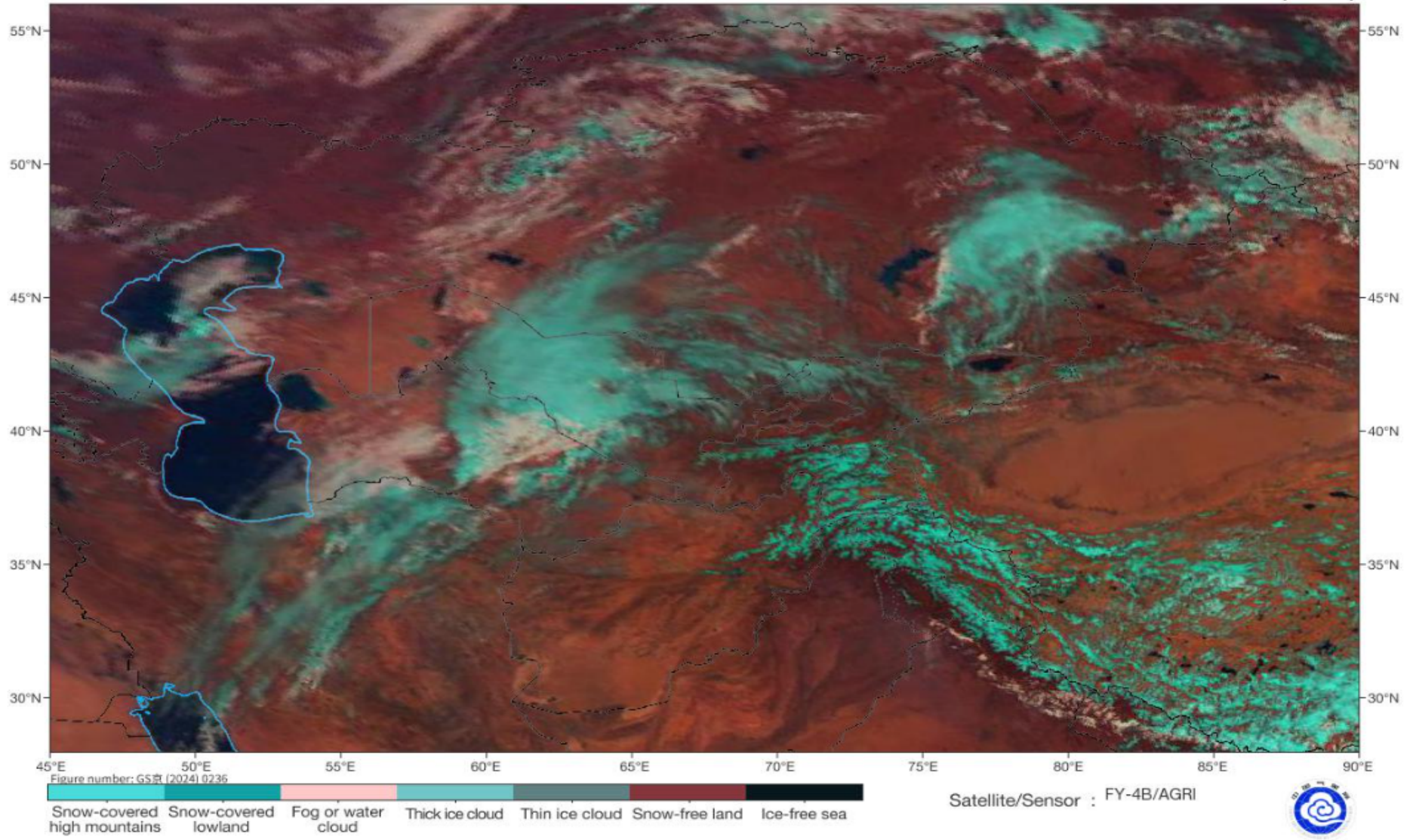
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

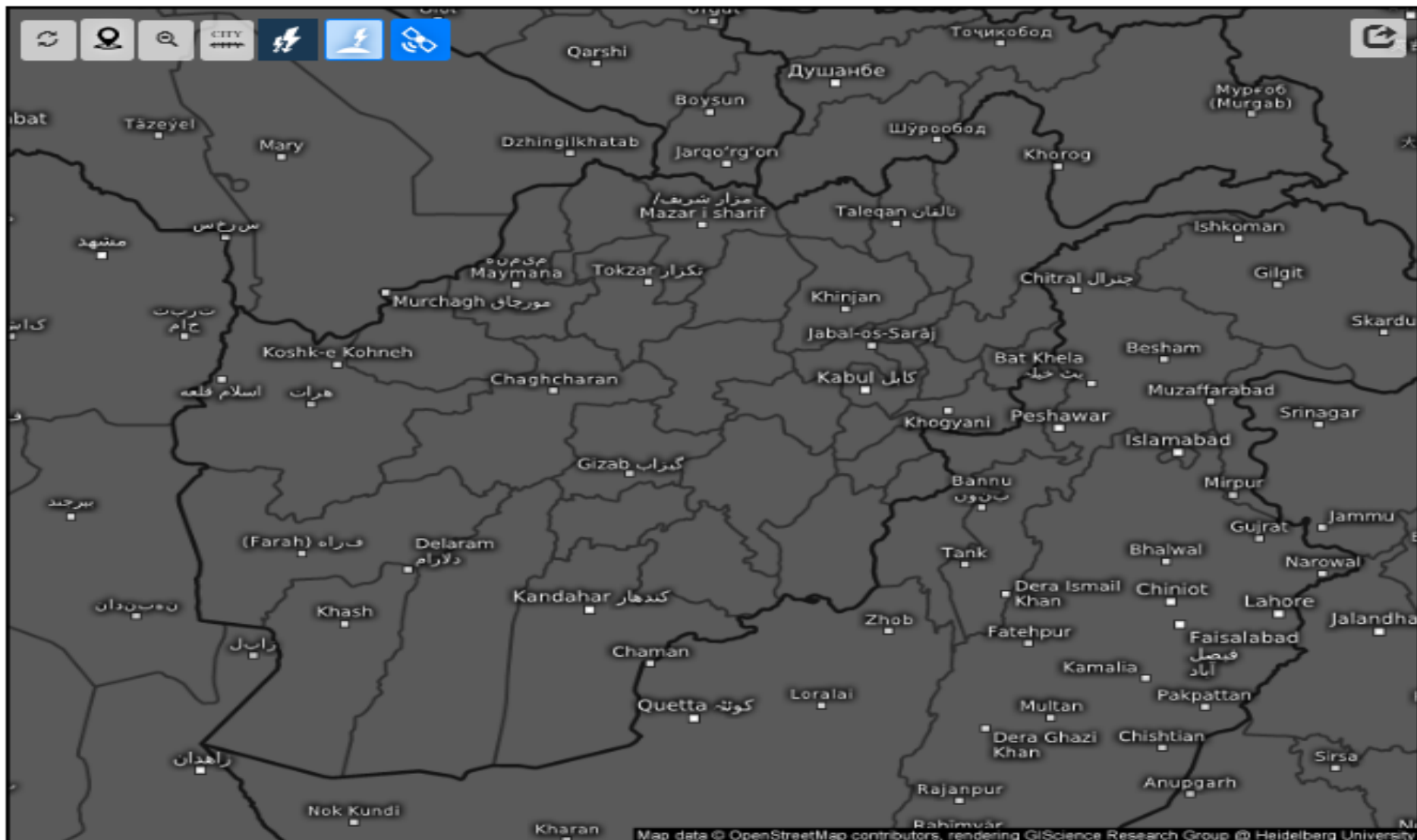
09-05-2026/(0415 to 0442) GMT
09-05-2026/(0945 to 1012) IST



Fog Identification

2026-05-09 05:45(UTC)





Age of lightning (minutes) i

Sat 05/09/2026, 10:30am GMT+0430

