



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



Daily reports of Satellite imagery analysis. Date & Time: 10-06-2026, 06:00 UTC

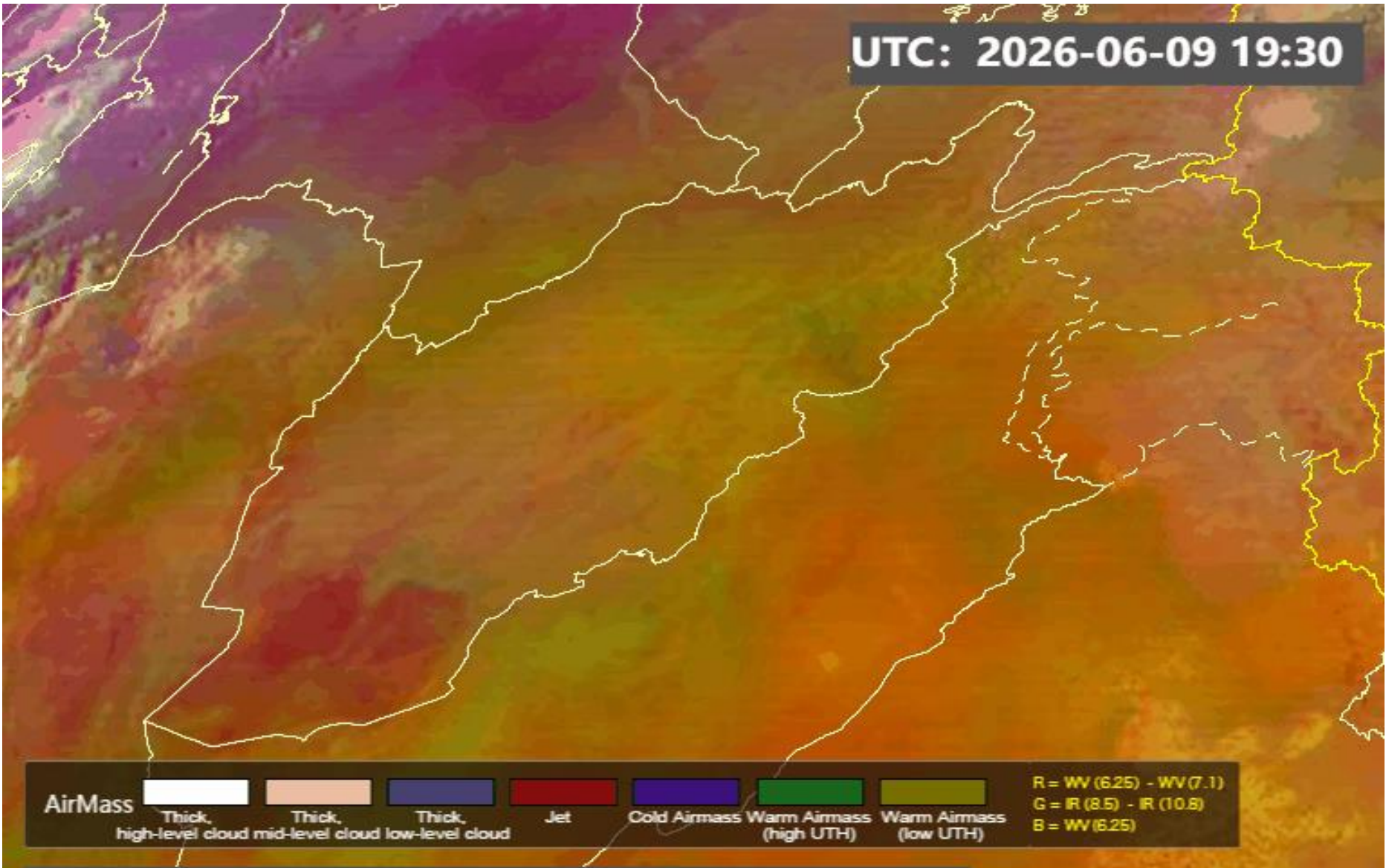
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	✓	X	✓ weak	X	X	
2	South	✓	light	X	X	X	✓ weak	X	X	
3	West	✓	Moderate	X	X	X	✓ Dry/warm	X	X	
4	East	✓	light	X	✓	X	✓ weak	X	X	
5	central	✓	light	X	✓	X	✓ weak	X	X	
6	Northeast	✓	X	X	✓	X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

Details: According to satellite imagery analysis, the northern, eastern, central, northeastern, southeastern and northwestern regions have a warm air mass with (Low UTH), and the southern, western, southeastern, southwestern regions have a warm air mass with (High UTH). The southern, western, eastern, central, southeastern, northwestern and southwestern regions have dust. The northern, eastern, central, northeastern regions have cloudy skies. The northern, southern, eastern, central, northeastern, southeastern northwestern and southwestern regions have weak water vapor, the western, regions have dry/warm water vapor.

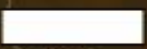
Not: X (Not existing phenomena) ✓ (existing phenomena)

Reported by: Esmatullah Mohammadi

UTC: 2026-06-09 19:30



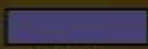
AirMass



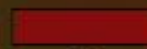
Thick, high-level cloud



Thick, mid-level cloud



Thick, low-level cloud



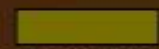
Jet



Cold Airmass



Warm Airmass (high UTH)

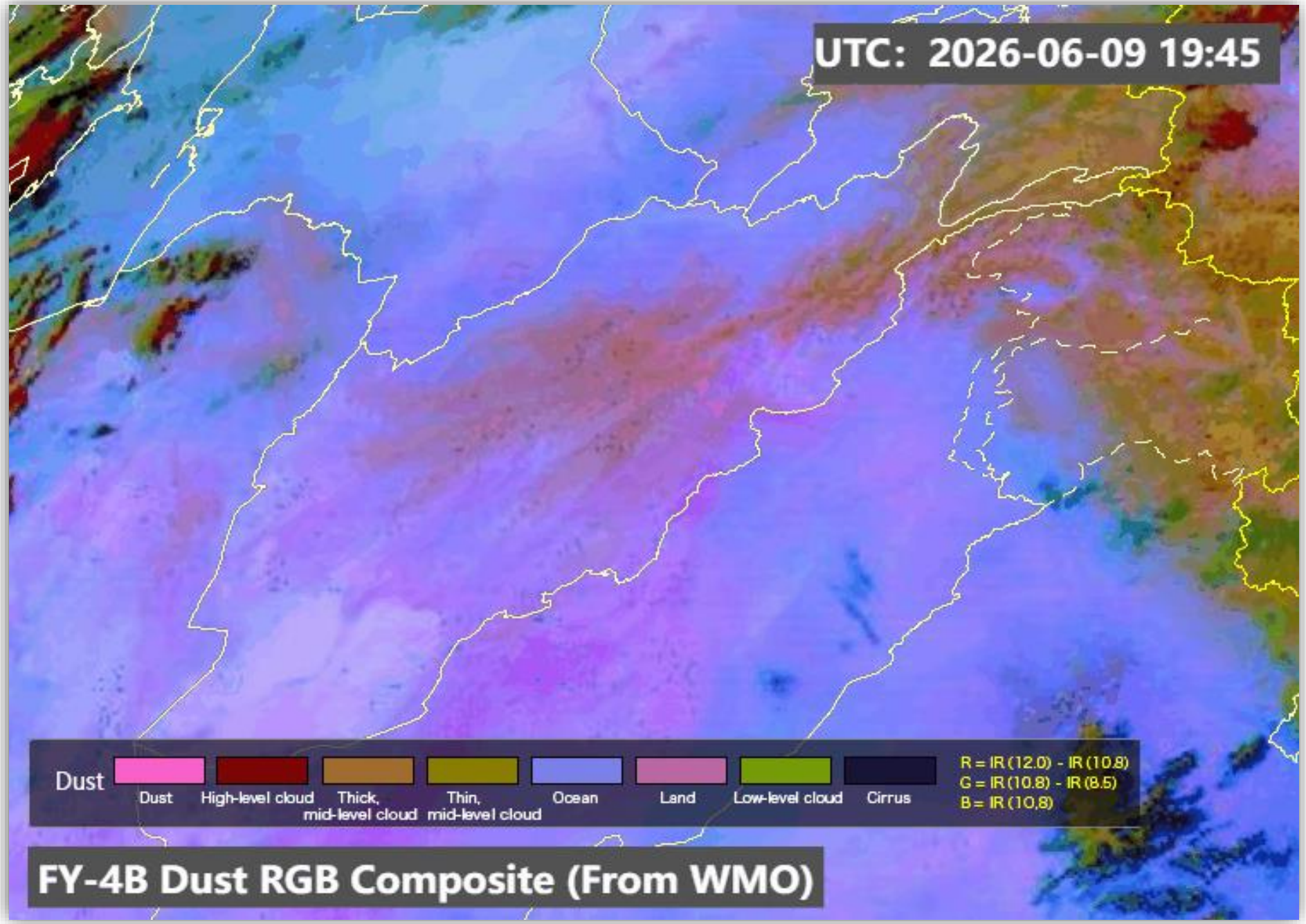


Warm Airmass (low UTH)

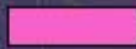
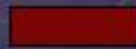

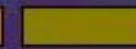


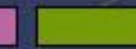

R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-06-09 19:45



Dust

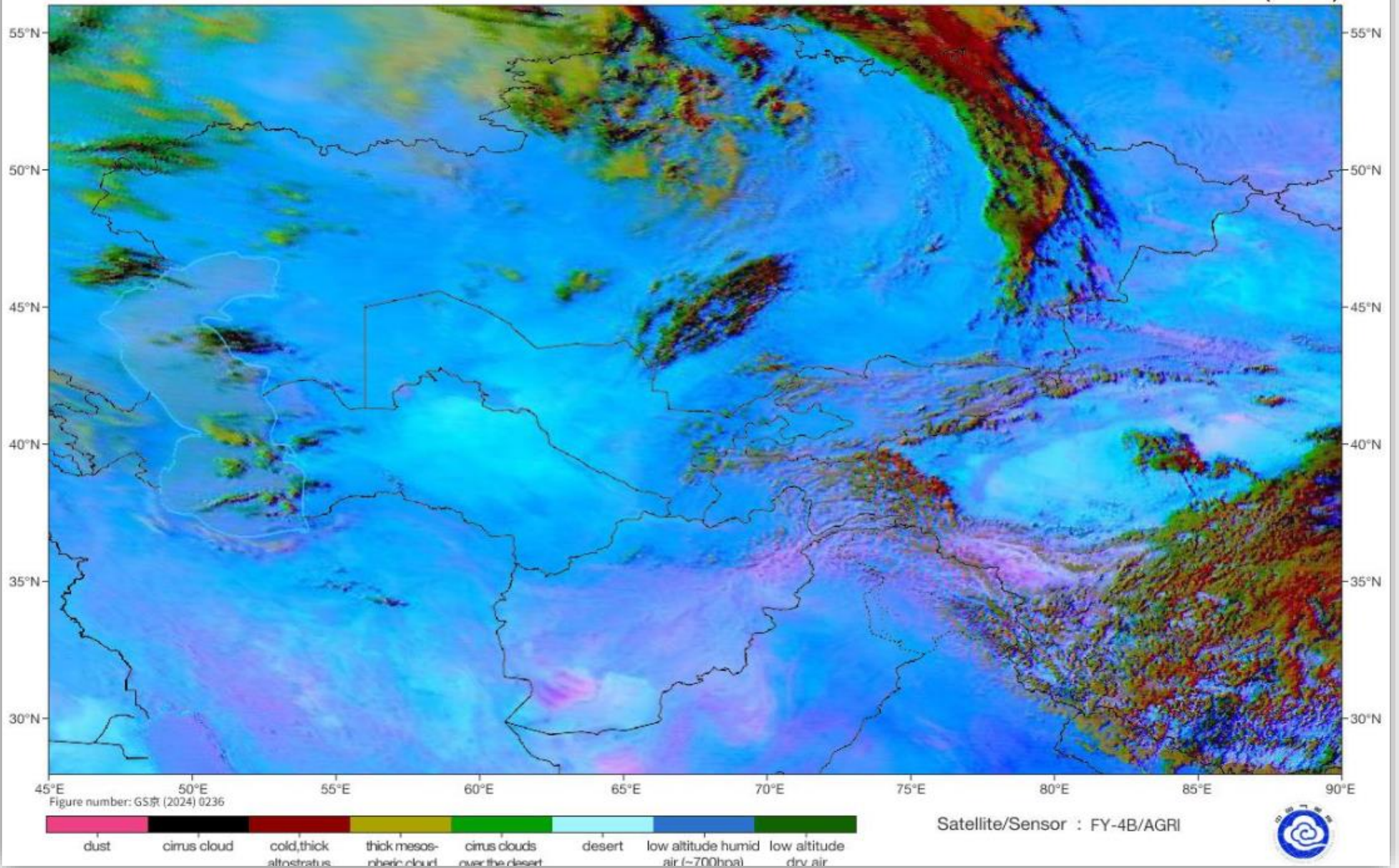
							
Dust	High-level cloud	Thick, mid-level cloud	Thin, mid-level cloud	Ocean	Land	Low-level cloud	Cirrus

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)

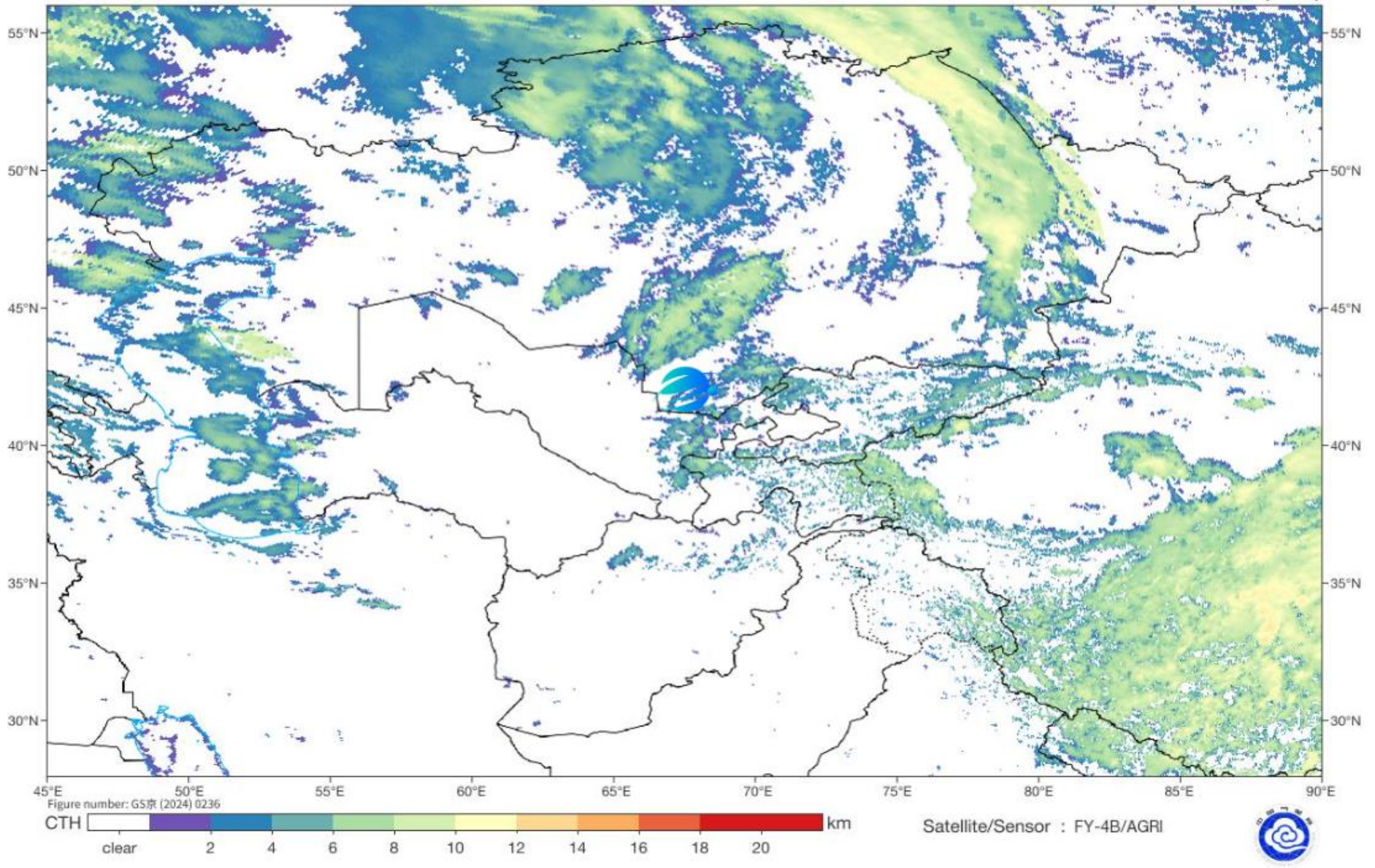
Sand And Dust Identification

2026-06-10 05:30(UTC)

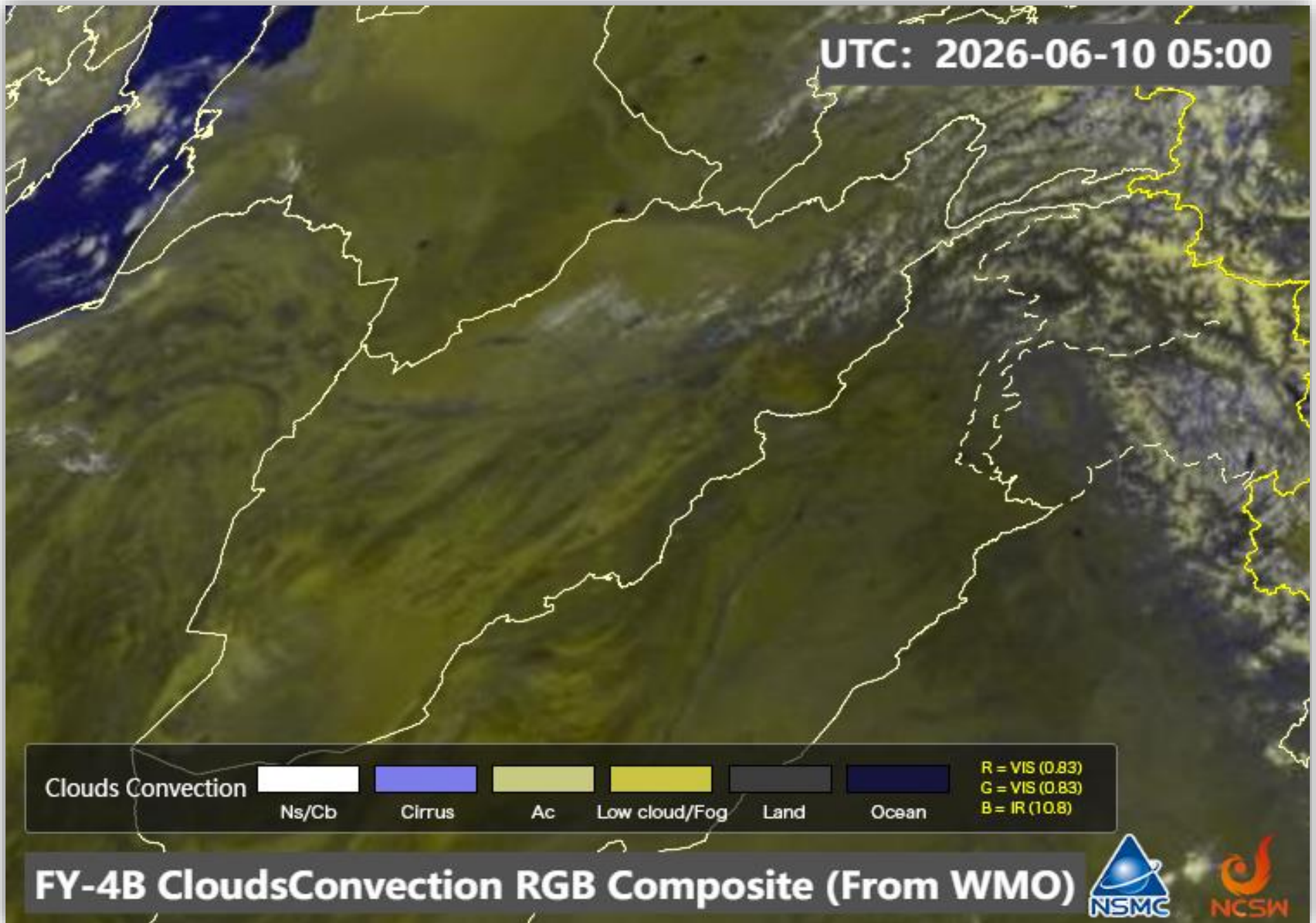


Cloud Top Height

2026-06-10 05:30(UTC)



UTC: 2026-06-10 05:00



Clouds Convection



Ns/Cb



Cirrus



Ac



Low cloud/Fog



Land



Ocean

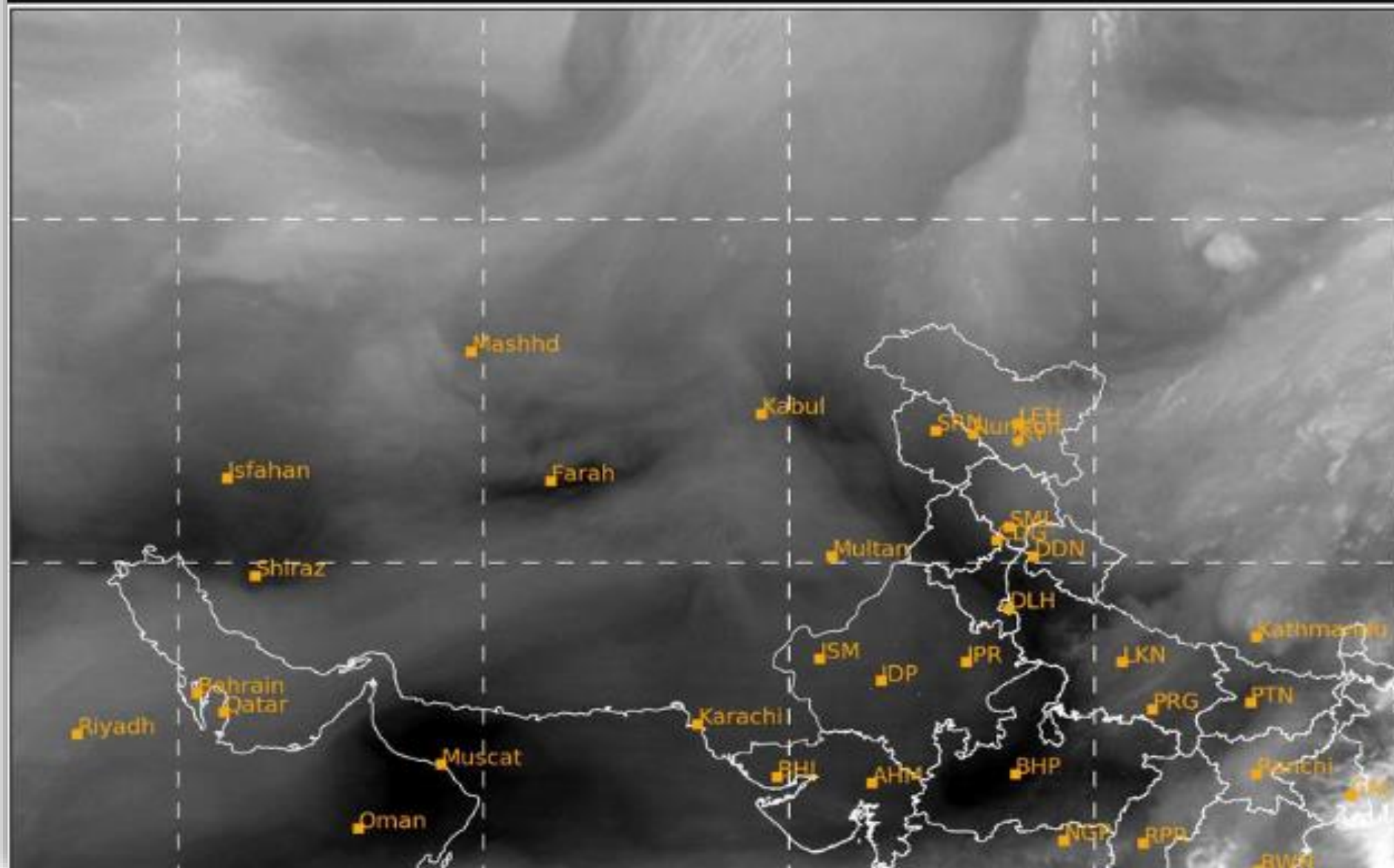
R = VIS (0.83)
G = VIS (0.83)
B = IR (10.8)

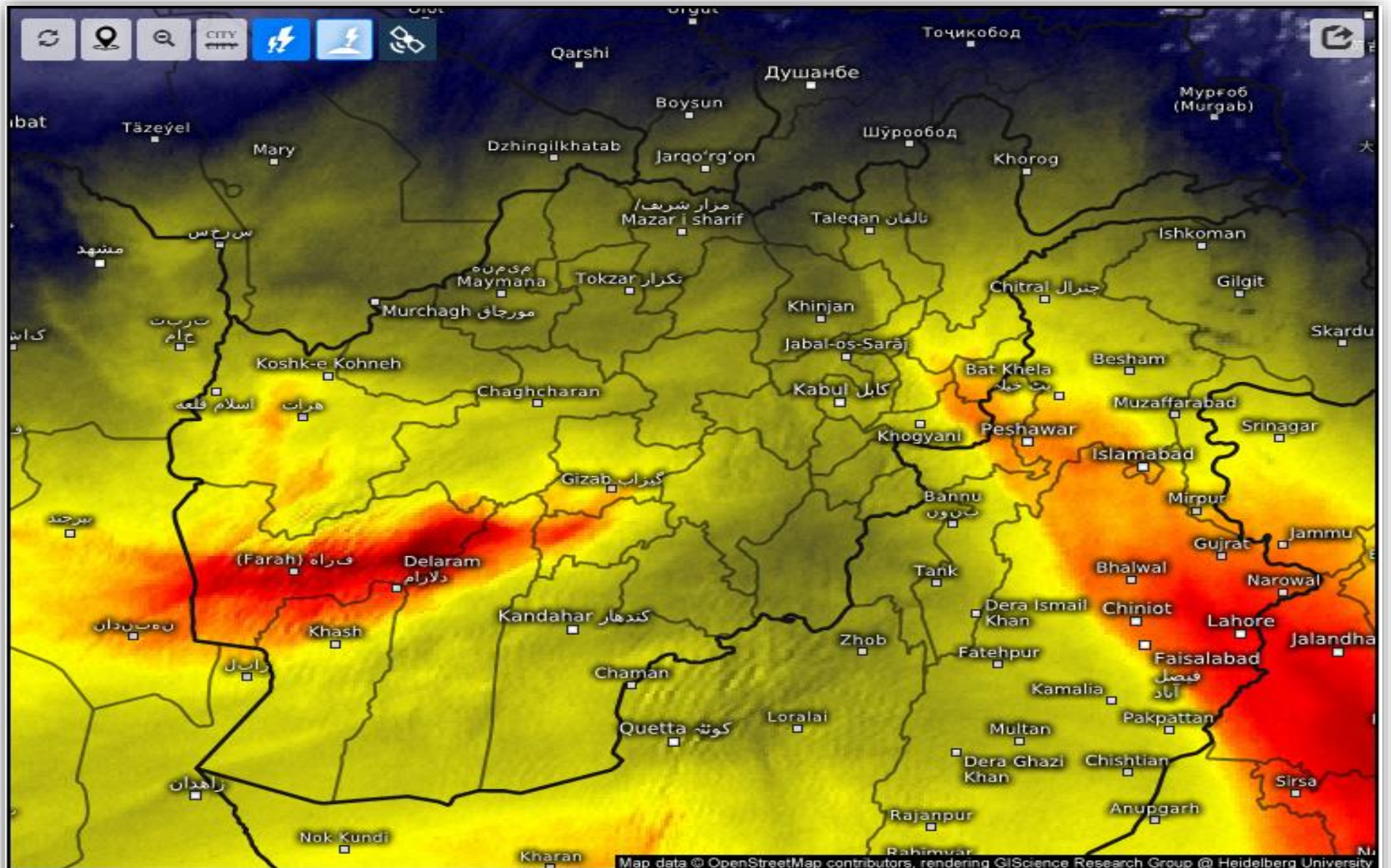
FY-4B CloudsConvection RGB Composite (From WMO)



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

10-06-2026/(0415 to 0442) GMT
10-06-2026/(0945 to 1012) IST





Satellite Water Vapor

Wed 06/10/2026, 10:00am GMT+0430

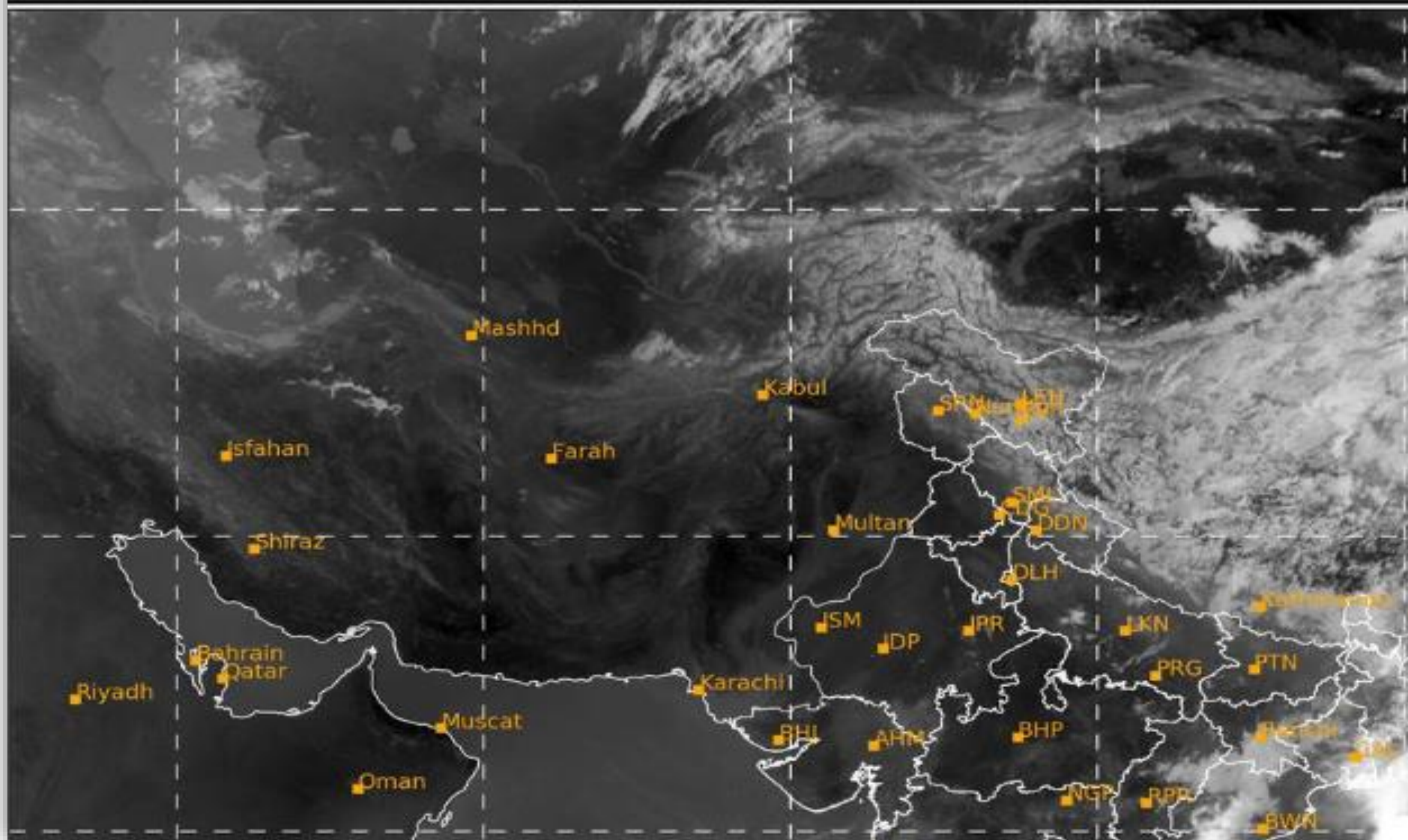


wet/cold

dry/warm

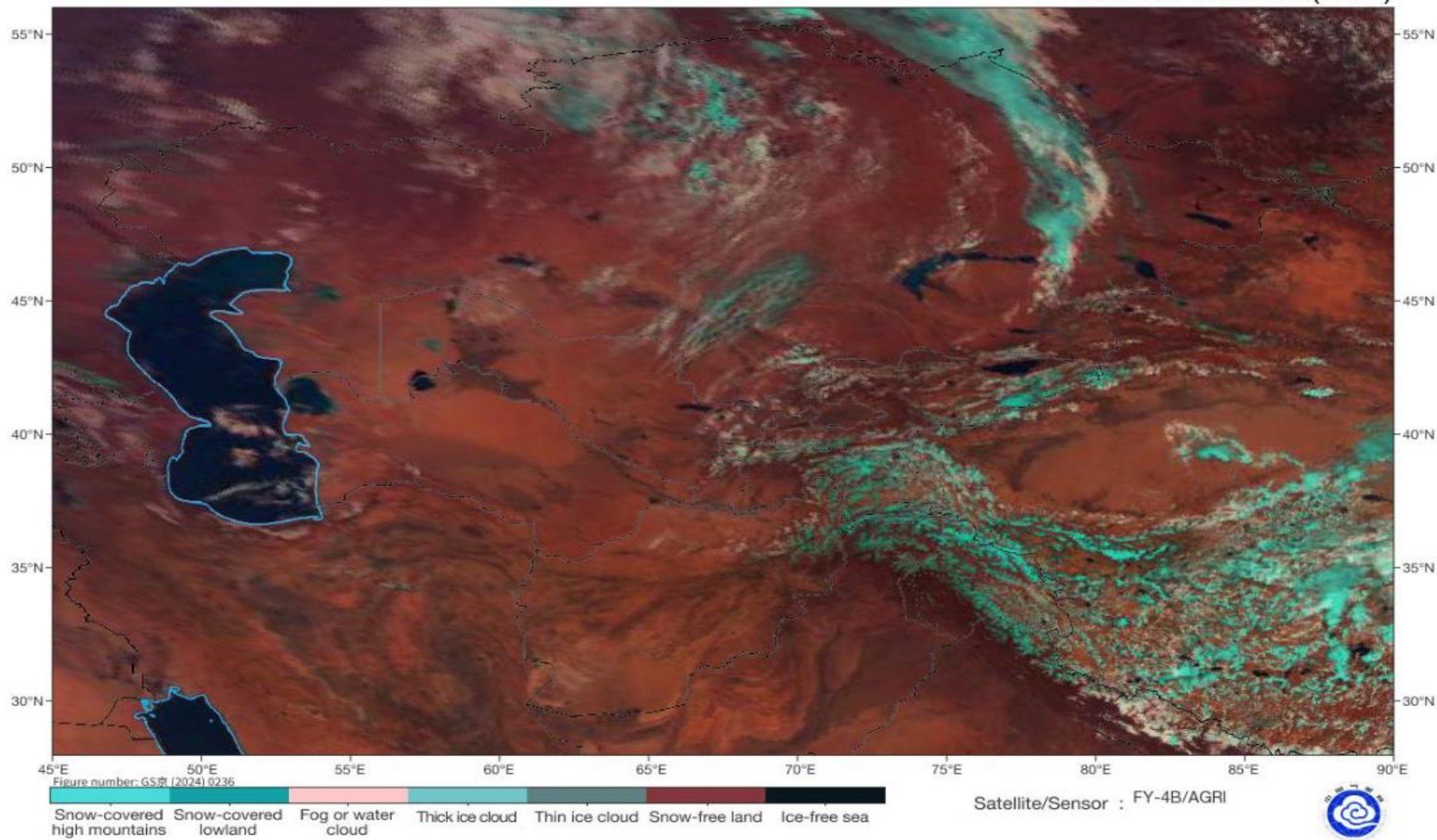
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

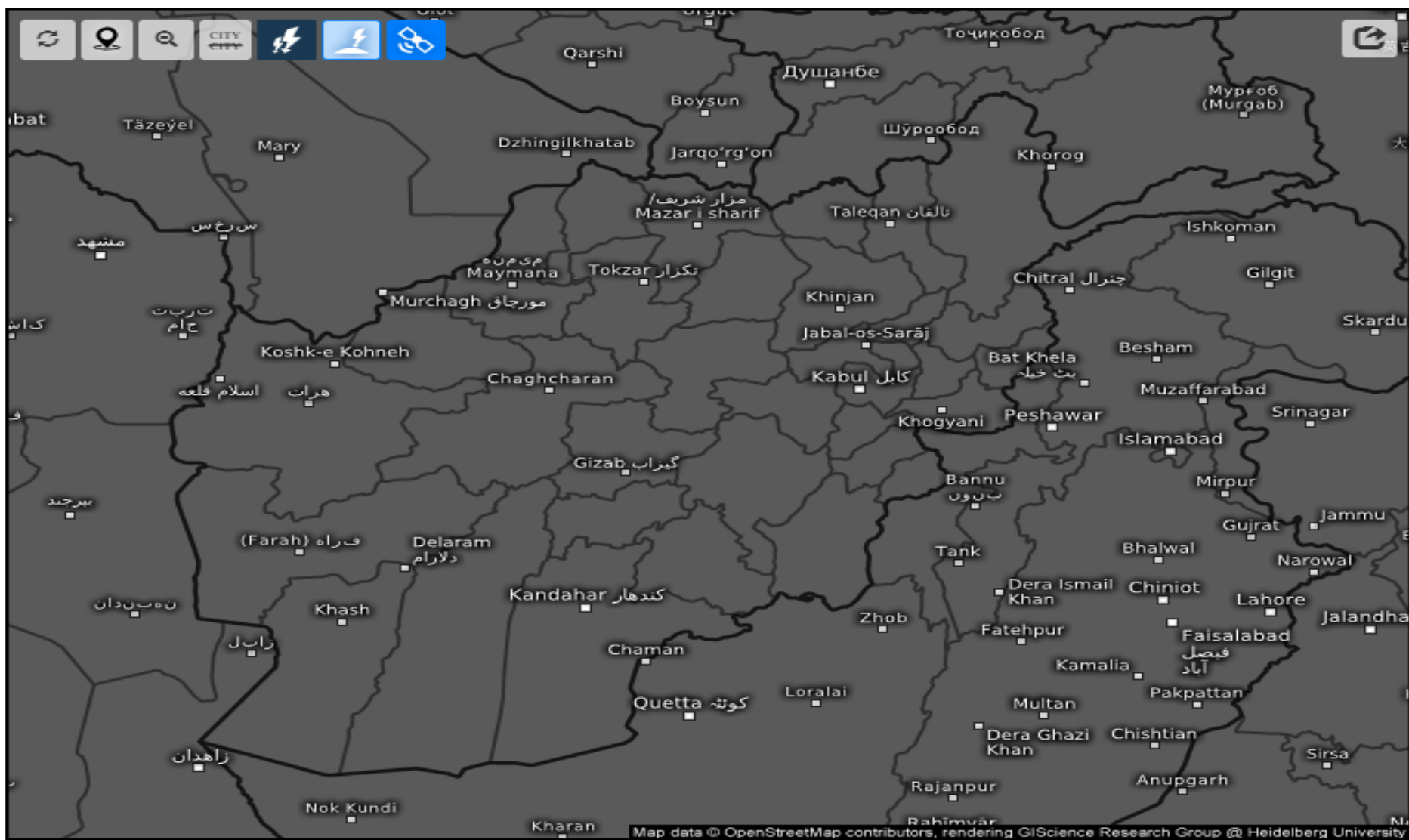
10-06-2026/(0415 to 0442) GMT
10-06-2026/(0945 to 1012) IST



Fog Identification

2026-06-10 05:30(UTC)





Age of lightning (minutes) ⓘ

Wed 06/10/2026, 10:15am GMT+0430

