



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



Daily reports of Satellite imagery analysis. Date & Time: 24-06-2026, 09:00 UTC

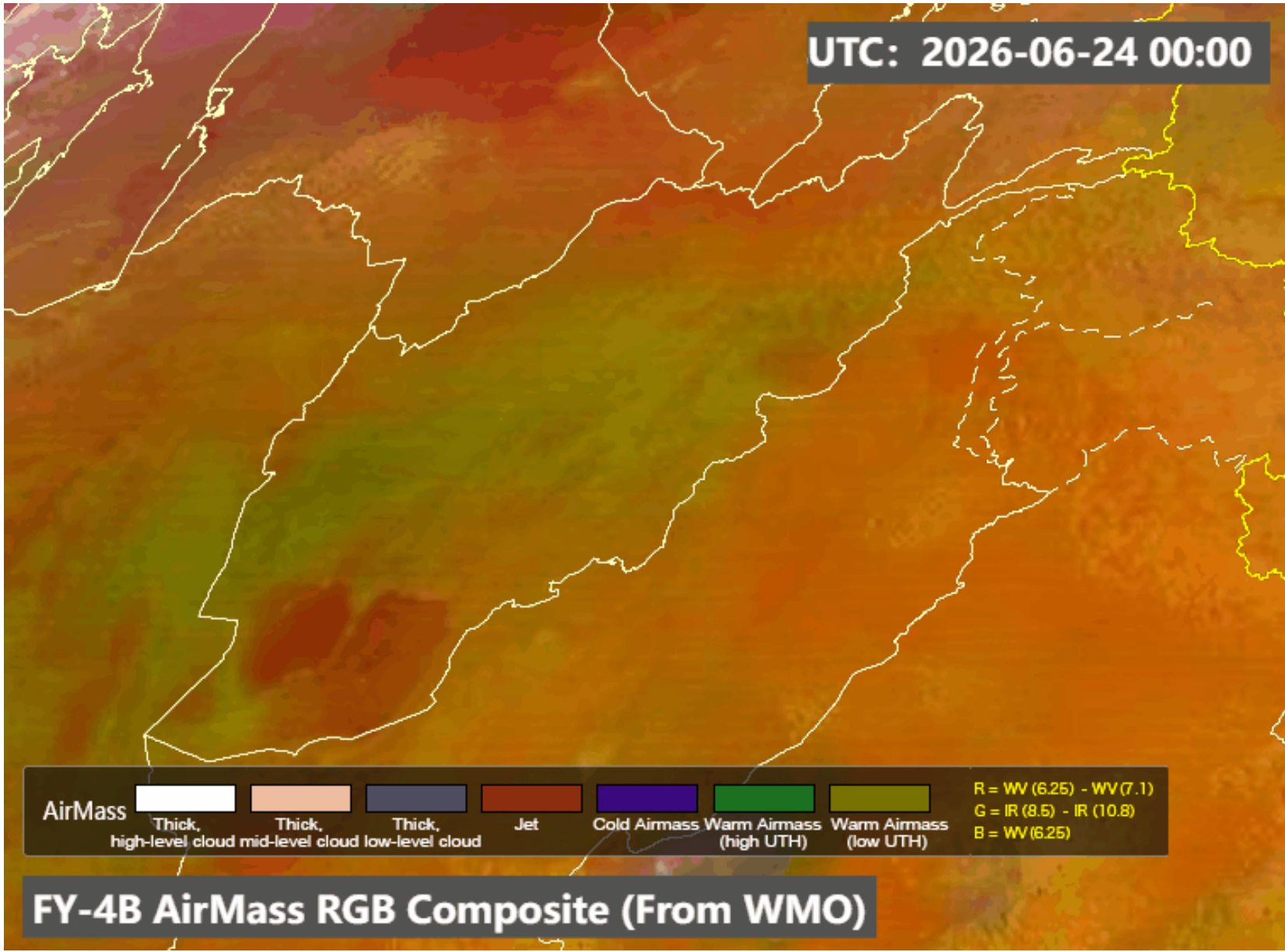
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	✓	X	✓ weak	X	X	
2	South	✓	moderate	X	X	X	✓ Dry/warm	X	✓	dust
3	West	✓	light	X	X	X	✓ Dry/warm	X	X	
4	East	✓	X	X	✓	X	✓ Dry/warm	X	X	
5	central	✓	light	X	X	X	✓ Dry/warm	X	X	
6	Northeast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

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

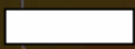
Not: X (Not existing phenomena) ✓ (existing phenomena)

Reported by: Esmatullah Mohammadi

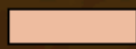
UTC: 2026-06-24 00:00



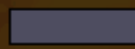
AirMass



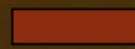
Thick, high-level cloud



Thick, mid-level cloud



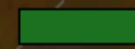
Thick, low-level cloud



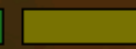
Jet



Cold Airmass



Warm Airmass (high UTH)

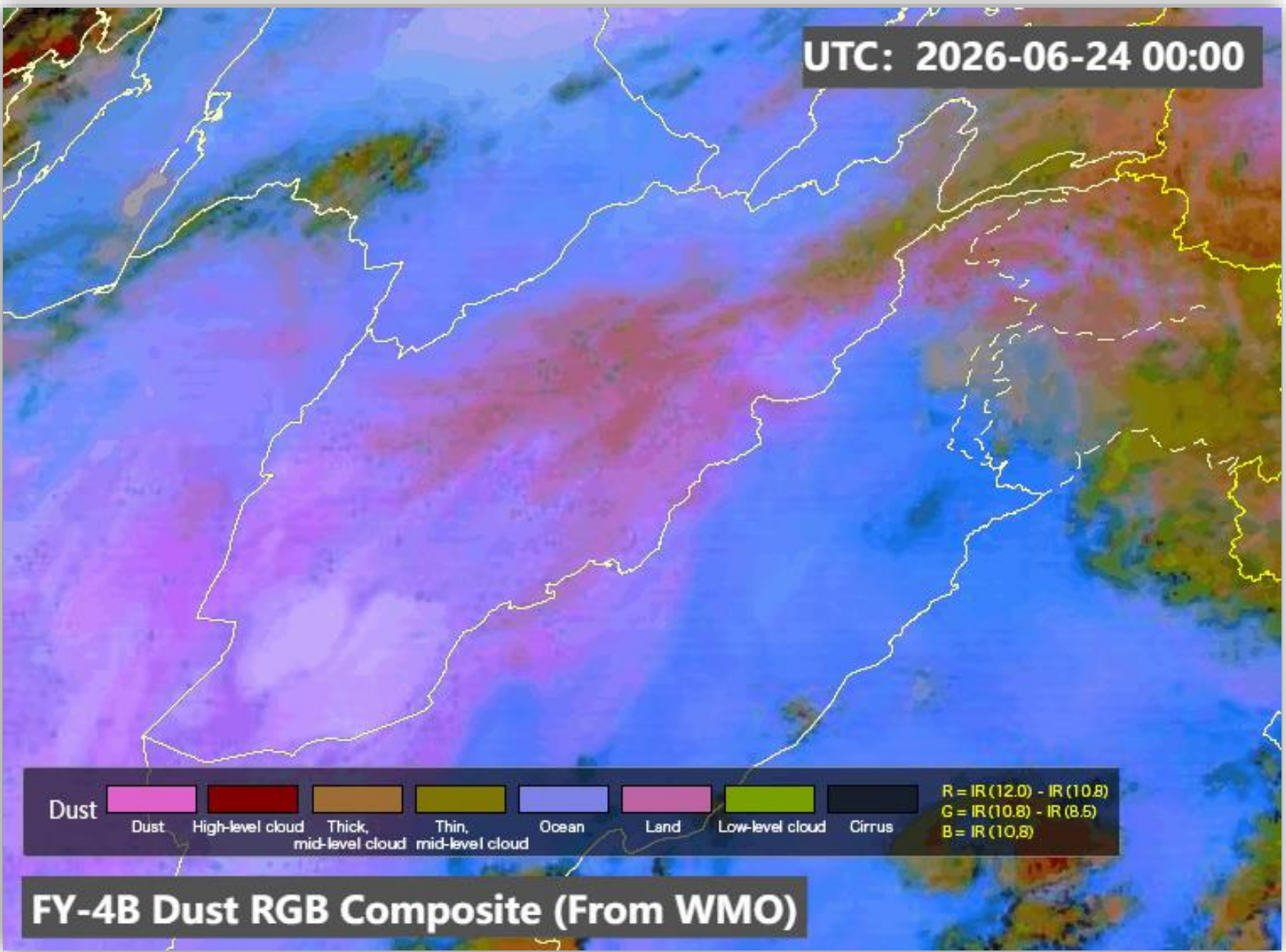


Warm Airmass (low UTH)

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: 2026-06-24 00:00

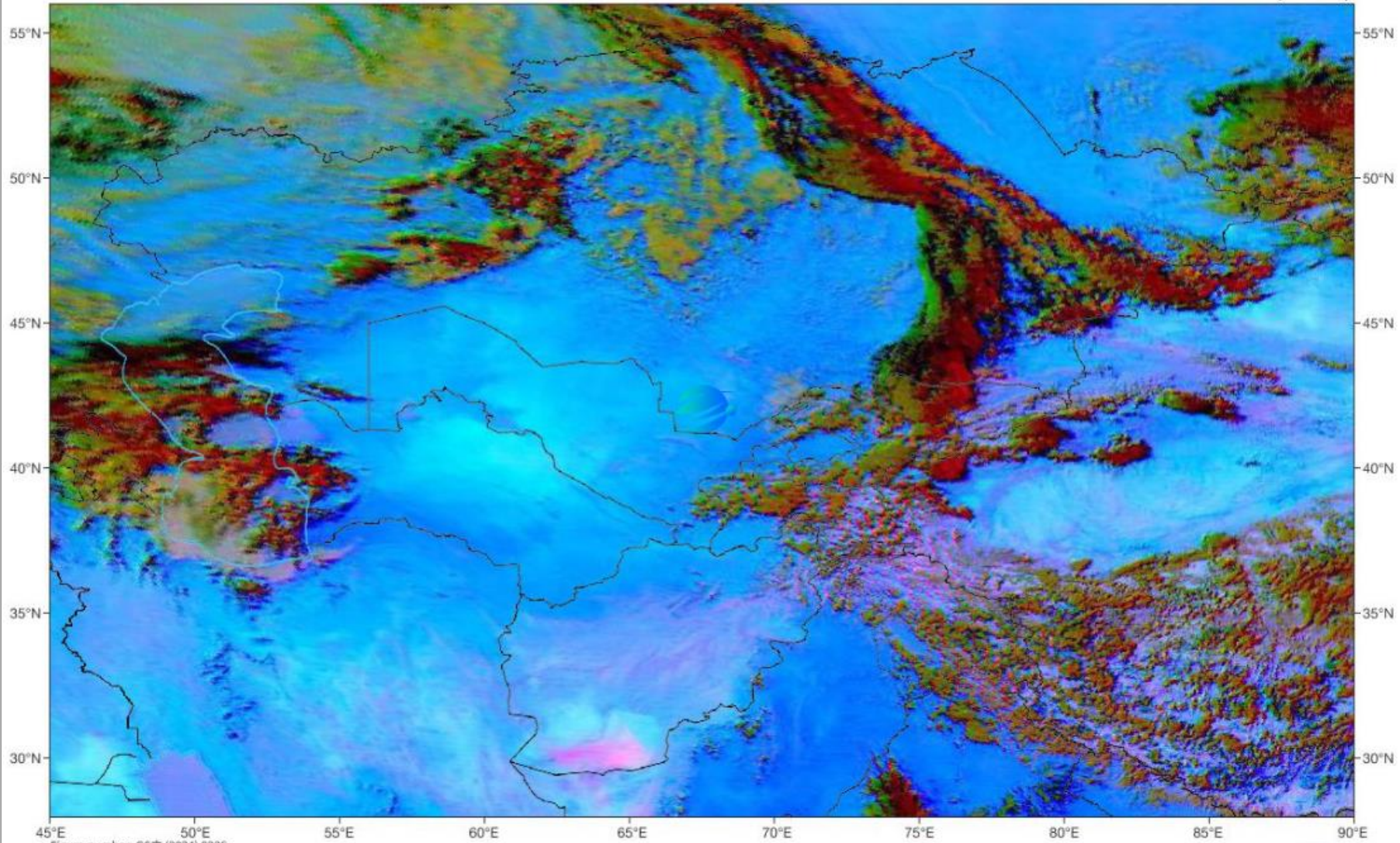


Dust									R = IR(12.0) - IR(10.8)
	Dust	High-level cloud	Thick, mid-level cloud	Thin, mid-level cloud	Ocean	Land	Low-level cloud	Cirrus	G = IR(10.8) - IR(8.5)
									B = IR(10.8)

FY-4B Dust RGB Composite (From WMO)

Sand And Dust Identification

2026-06-24 09:00(UTC)

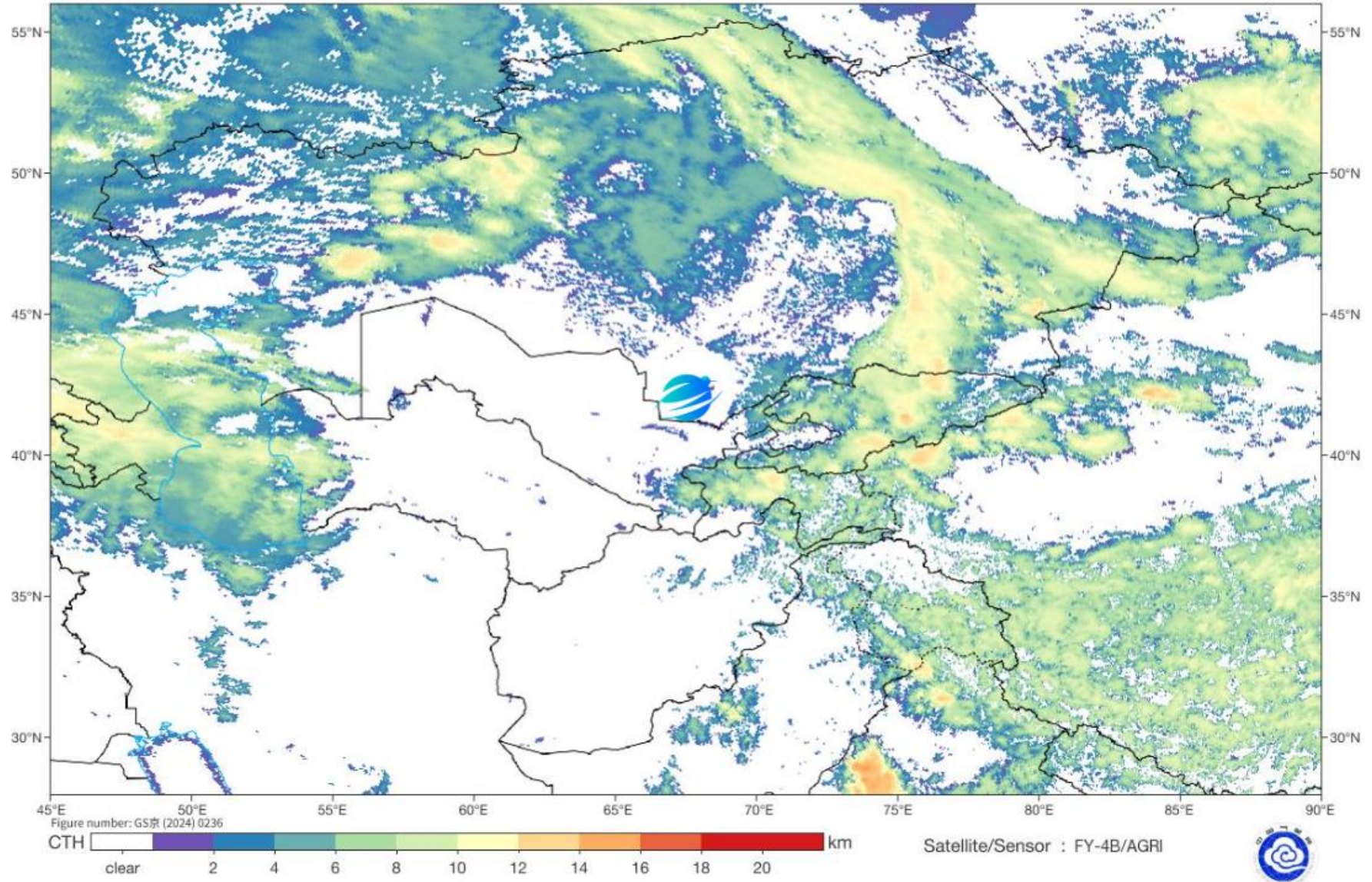


Satellite/Sensor : FY-4B/AGRI

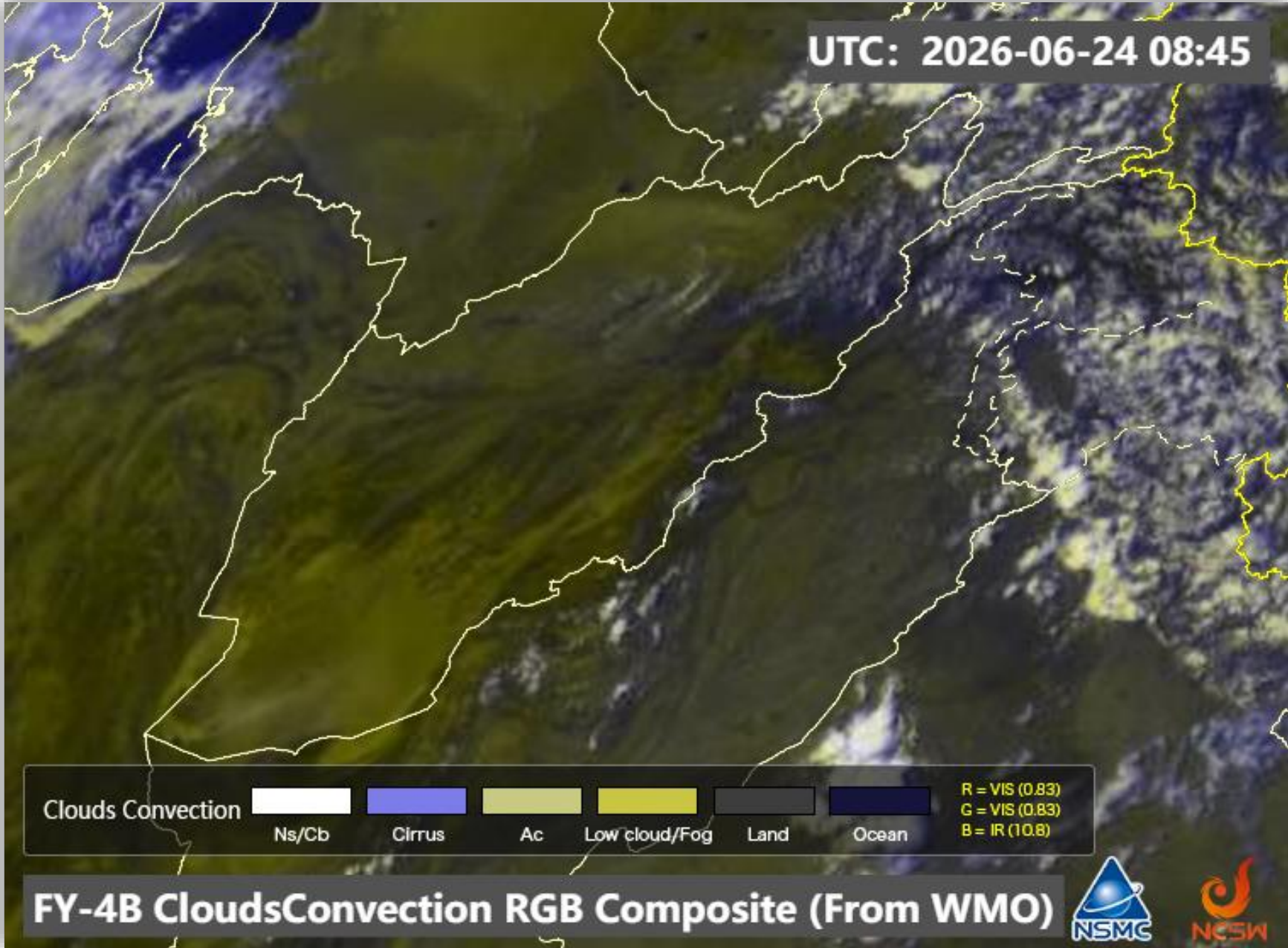


Cloud Top Height

2026-06-24 09:00(UTC)



UTC: 2026-06-24 08:45



FY-4B CloudsConvection RGB Composite (From WMO)



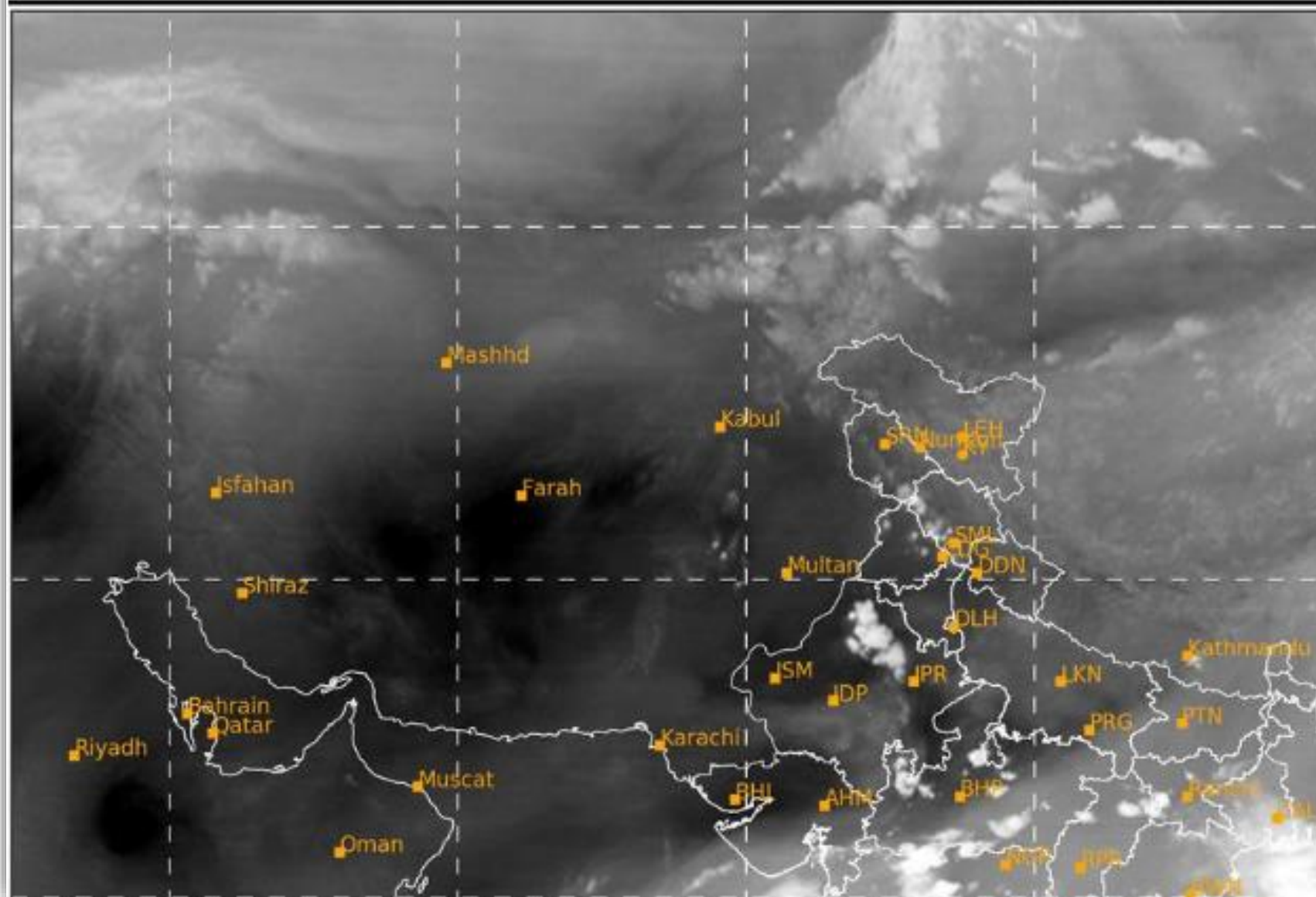
SAT : INSAT-3DR IMG

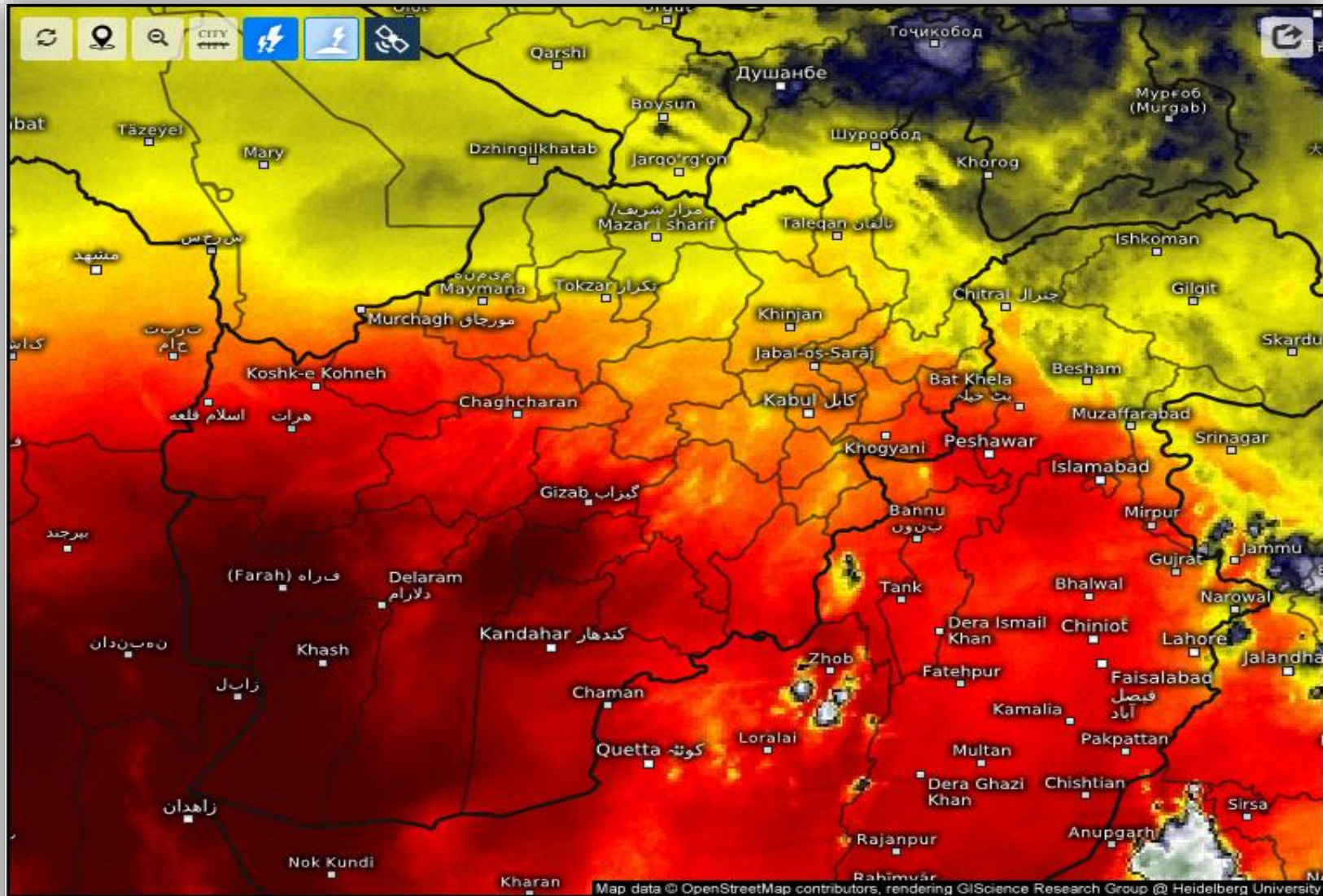
IMG_WV 6.8 um

L1C Mercator

24-06-2026/(0815 to 0842) GMT

24-06-2026/(1345 to 1412) IST





Satellite Water Vapor

Wed 06/24/2026, 01:30pm GMT+0430

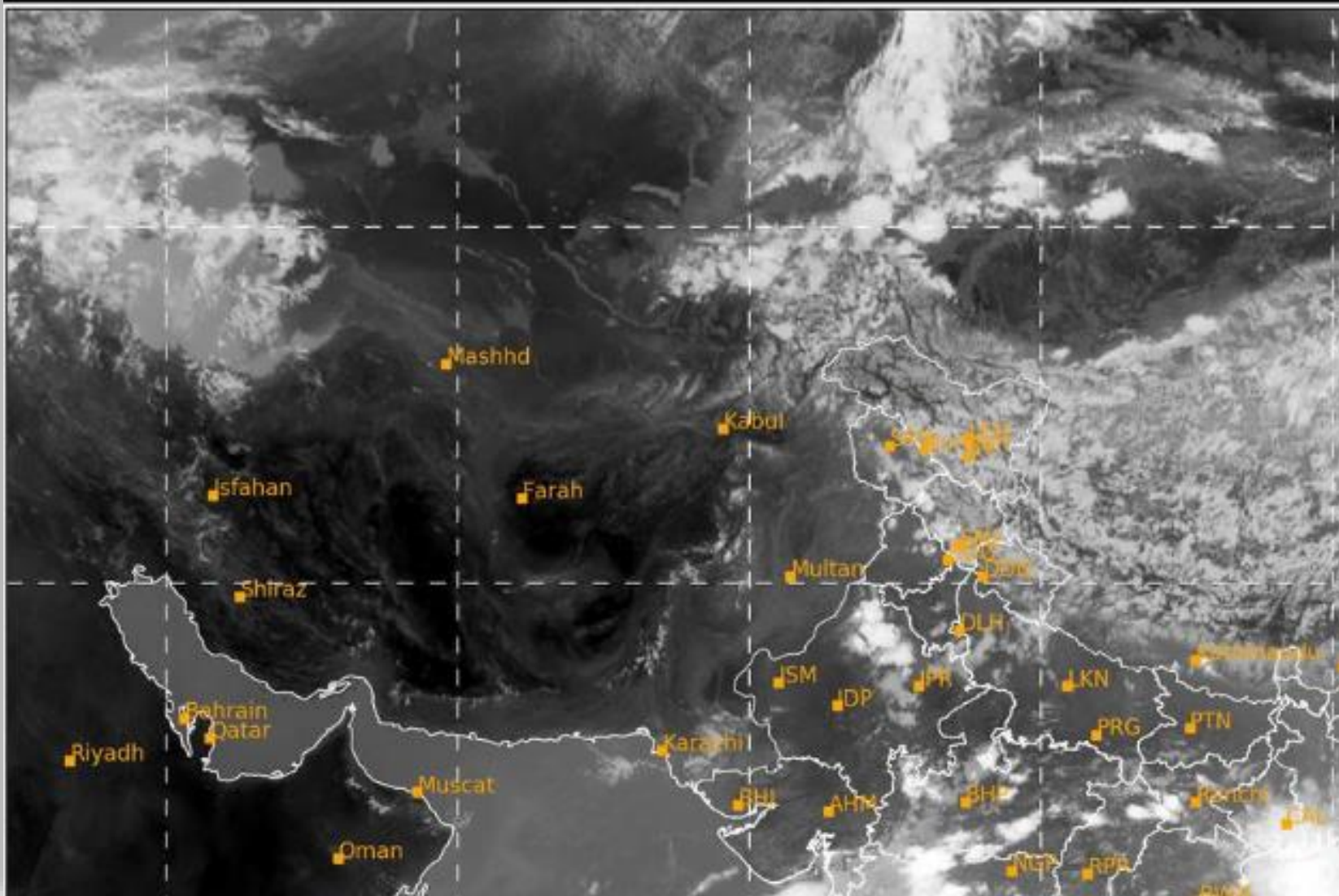


wet/cold

dry/warm

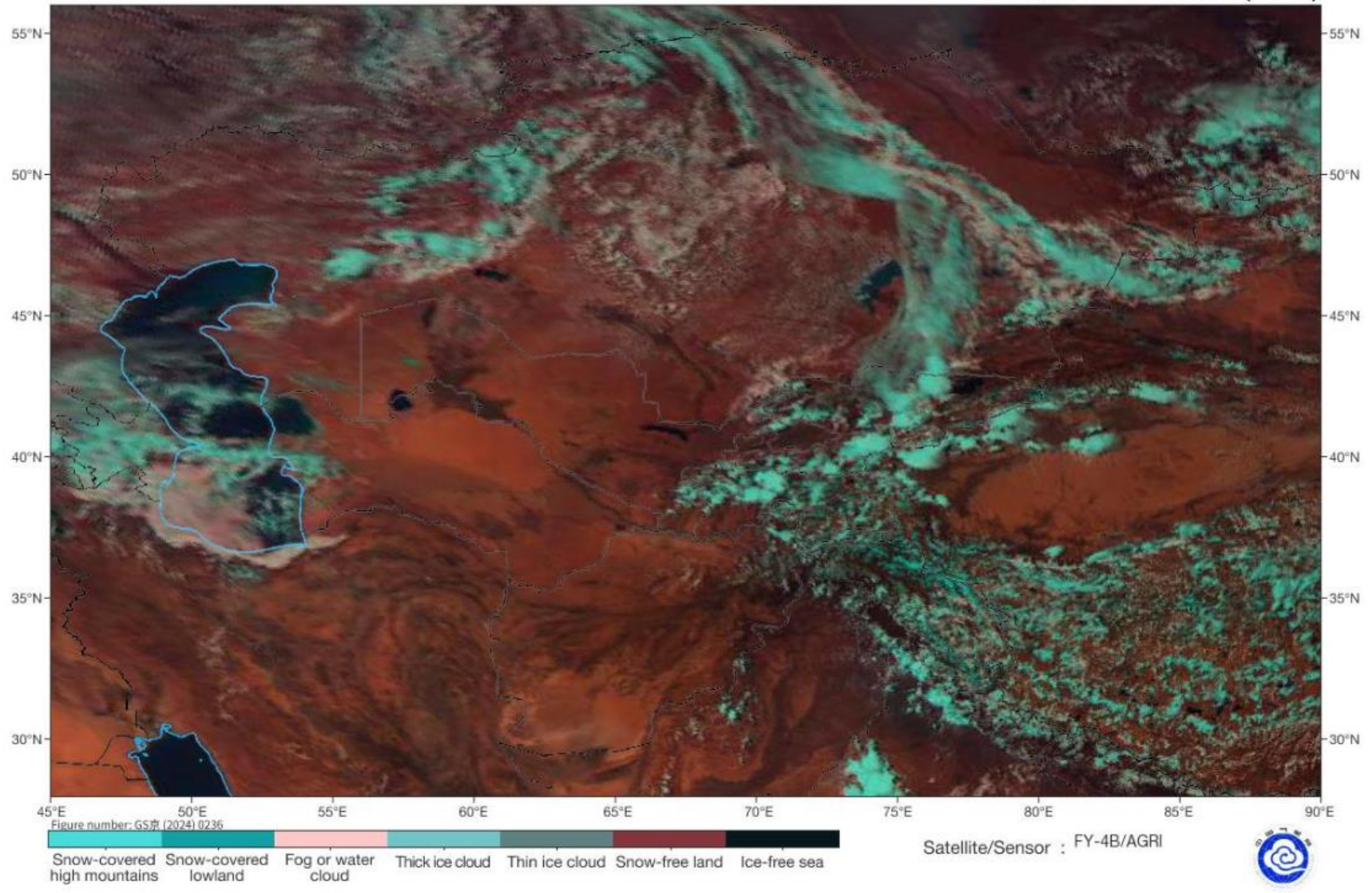
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

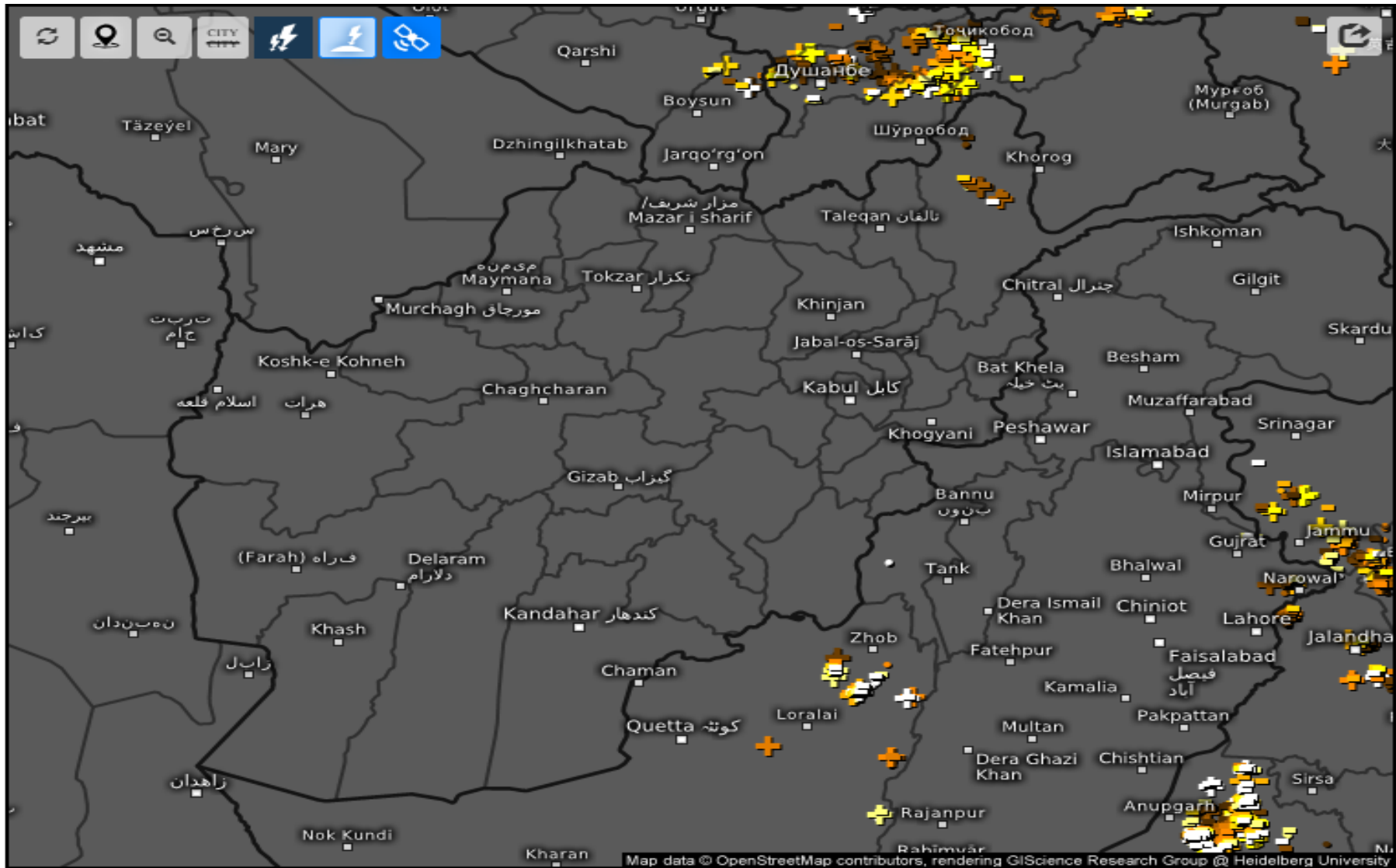
24-06-2026/(0815 to 0842) GMT
24-06-2026/(1345 to 1412) IST



Fog Identification

2026-06-24 09:00(UTC)





Age of lightning (minutes) i

Wed 06/24/2026, 01:30pm GMT+0430

