



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



Daily reports of Satellite imagery analysis. Date & Time: 01-06-2026, 06:00 UTC

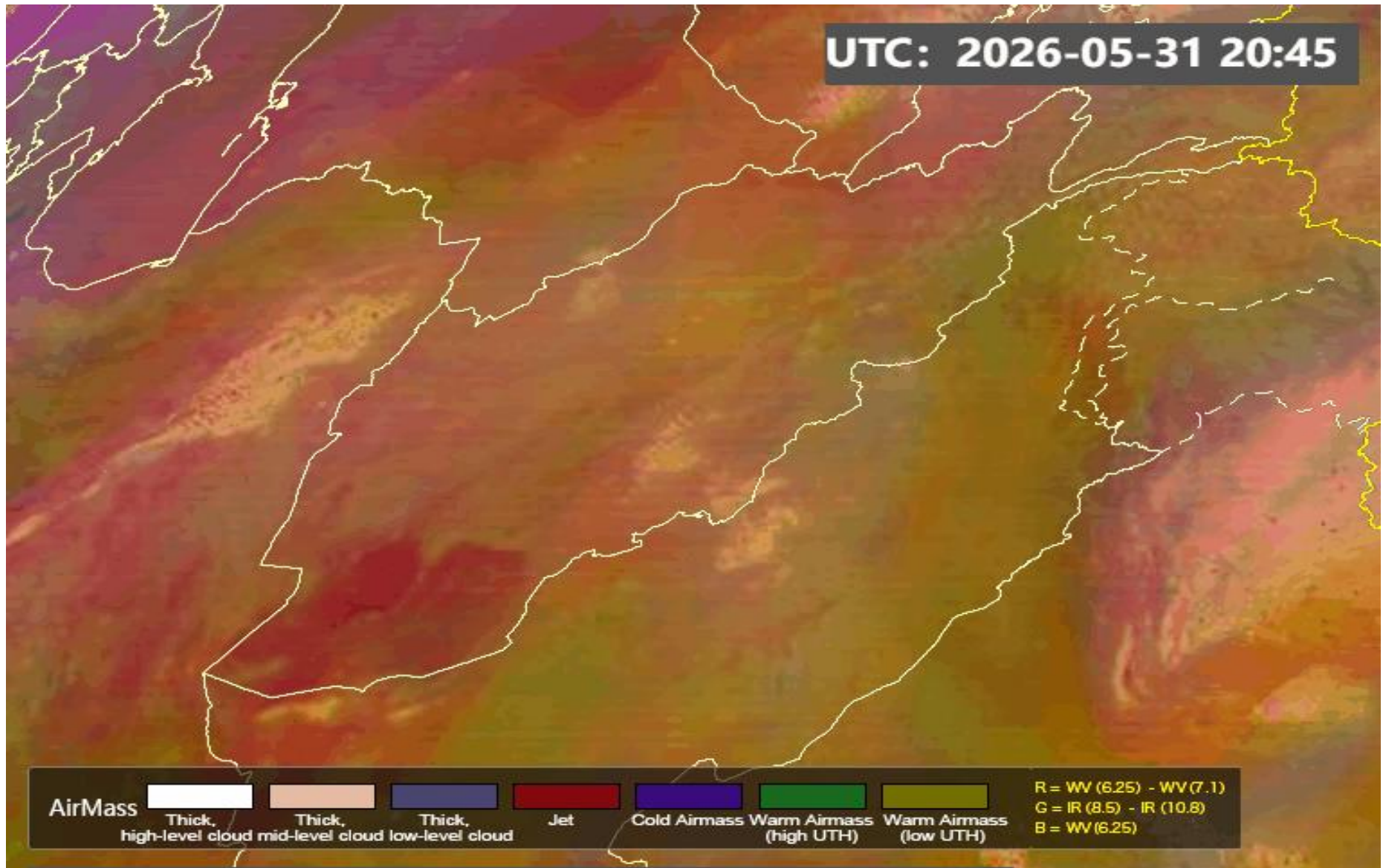
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	✓ moderate	X	X	
2	South	X	X	X	X	X	✓ weak	X	X	
3	West	✓	X	X	X	X	✓ moderate	X	X	
4	East	✓	✓	X	X	X	✓ weak	X	X	
5	central	✓	✓	X	X	X	✓ weak	X	X	
6	Northeast	✓	X	X	X	X	✓ moderate	X	X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

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

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

Reported by: Esmatullah Mohammadi

UTC: 2026-05-31 20:45



AirMass

Thick,
high-level cloud

Thick,
mid-level cloud

Thick,
low-level cloud

Jet

Cold Airmass

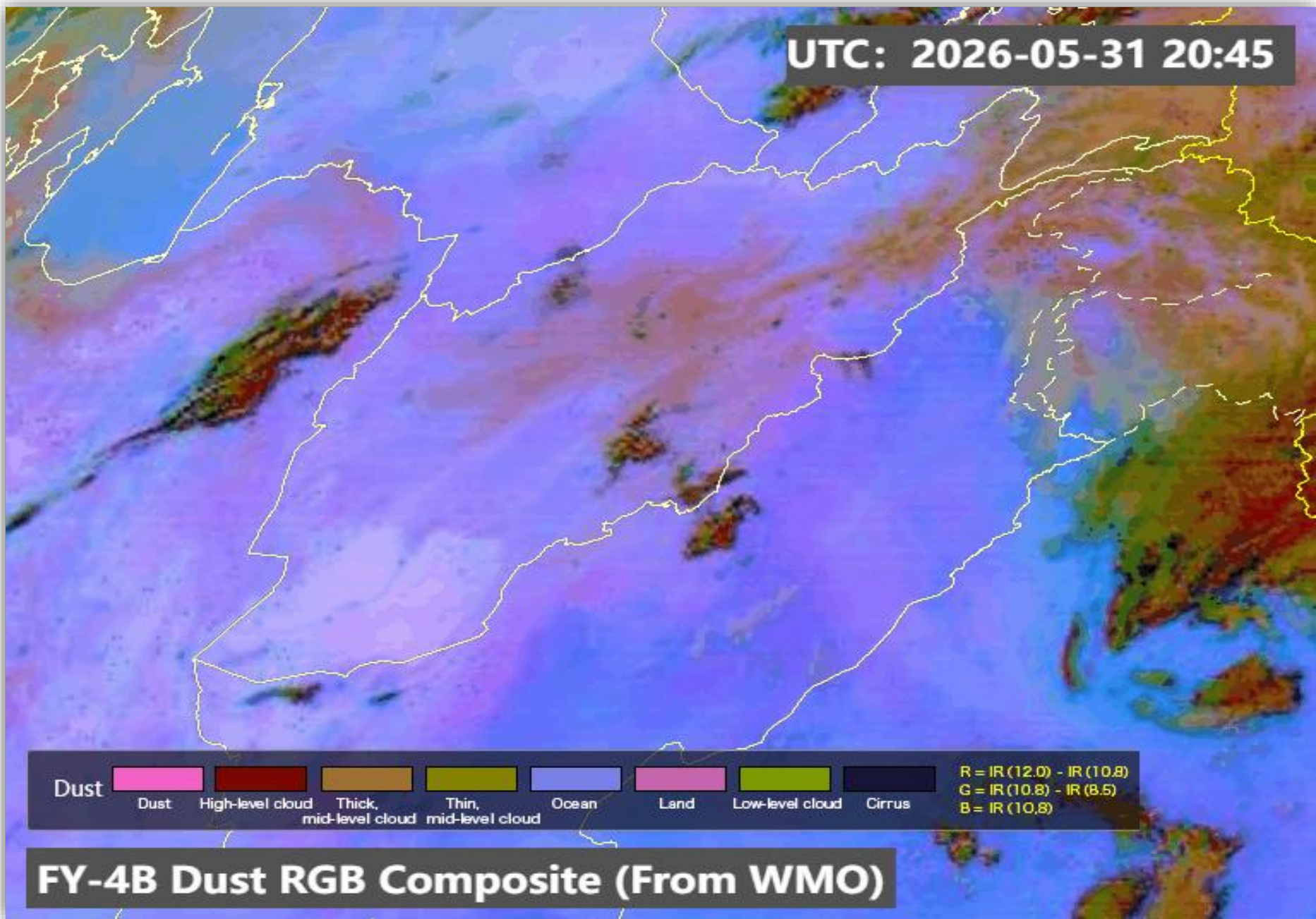
Warm Airmass
(high UTH)


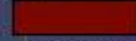

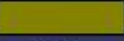




Warm Airmass
(low UTH)

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: 2026-05-31 20:45

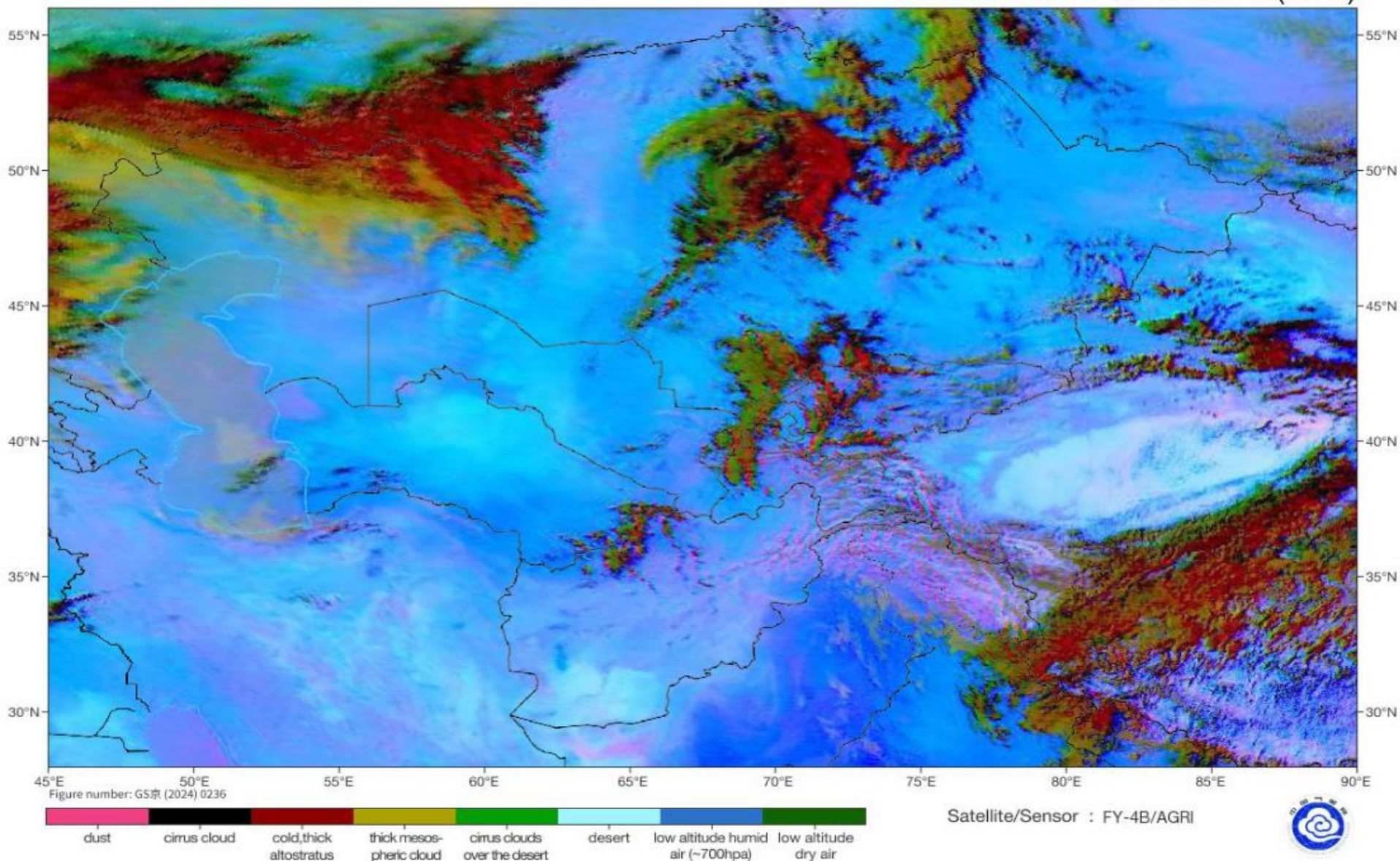


Dust									R = IR (12.0) - IR (10.8)
	Dust	High-level cloud	Thick, mid-level cloud	Thin, mid-level cloud	Ocean	Land	Low-level cloud	Cirrus	G = IR (10.8) - IR (8.5)
									B = IR (10.8)

FY-4B Dust RGB Composite (From WMO)

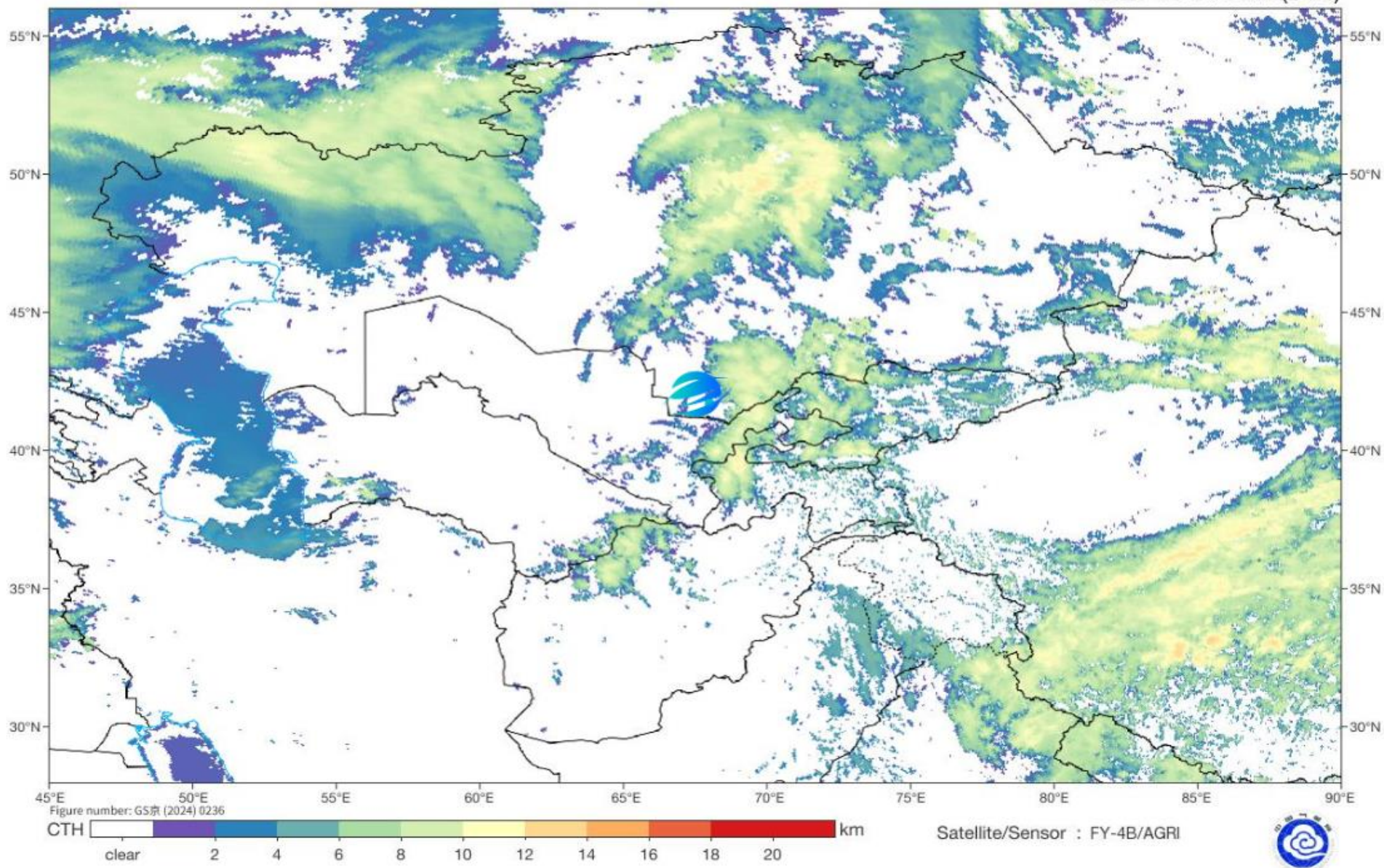
Sand And Dust Identification

2026-06-01 05:45(UTC)

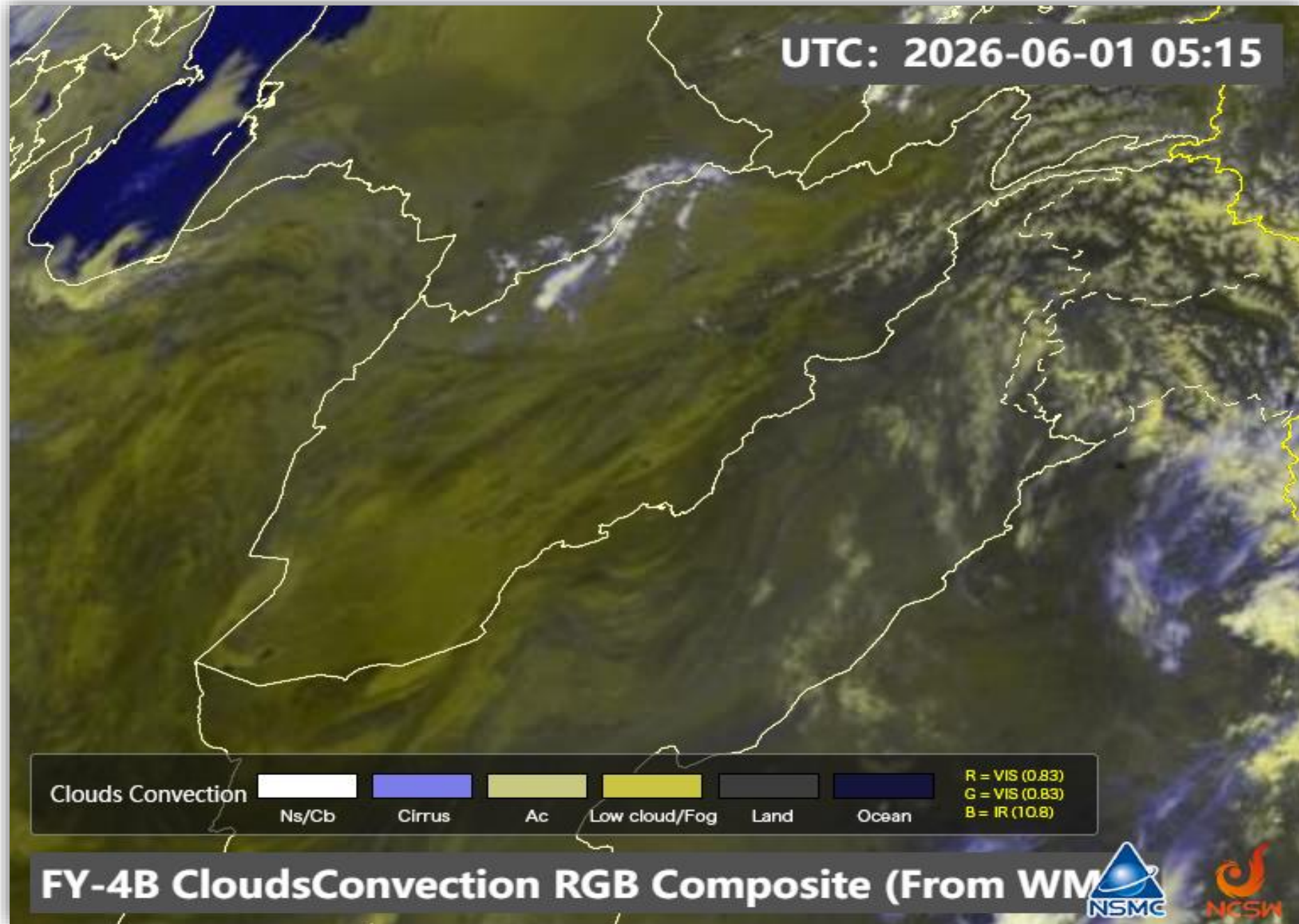


Cloud Top Height

2026-06-01 05:45(UTC)



UTC: 2026-06-01 05:15



Clouds Convection

					
Ns/Cb	Cirrus	Ac	Low cloud/Fog	Land	Ocean

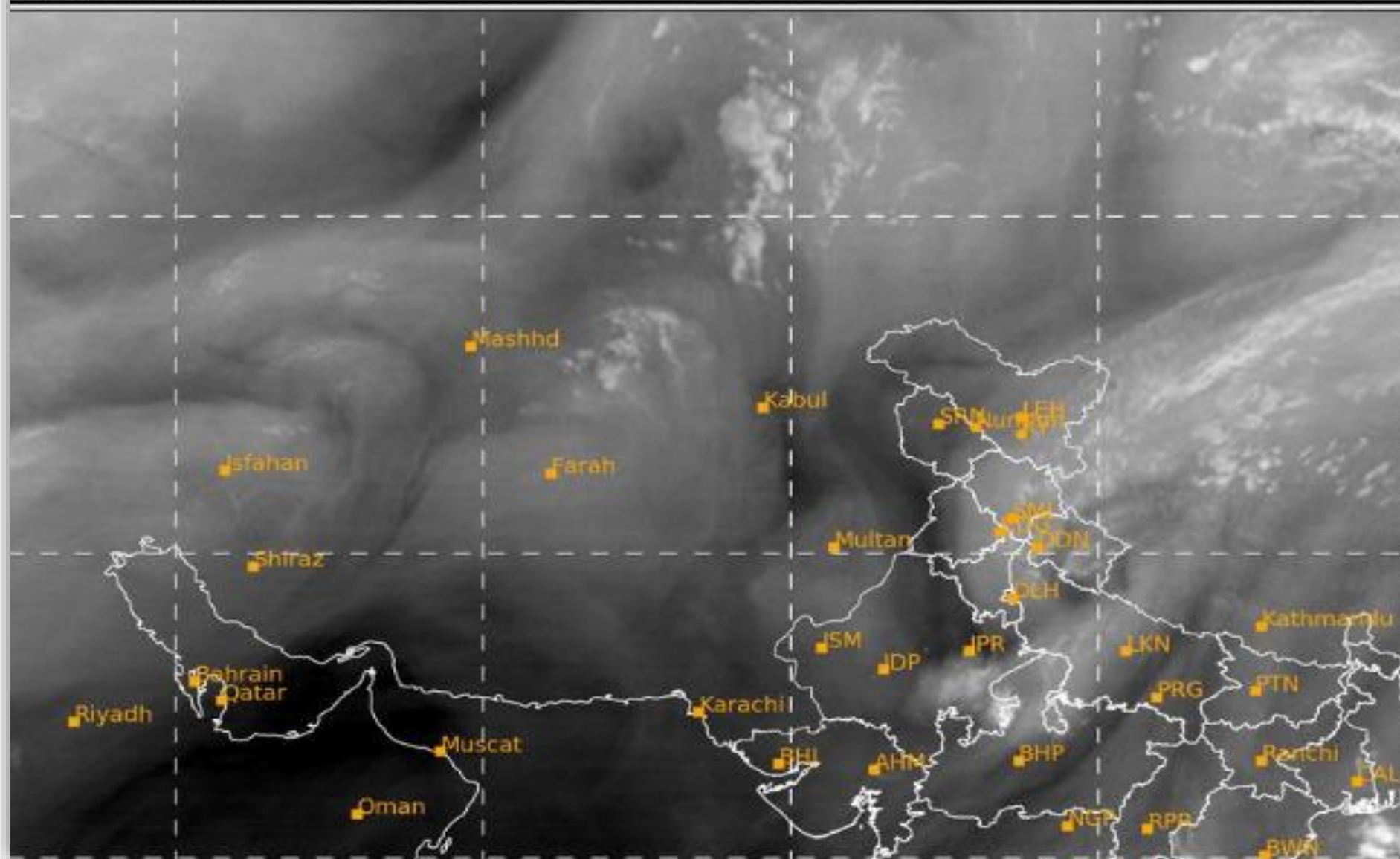
R = VIS (0.83)
G = VIS (0.83)
B = IR (10.8)

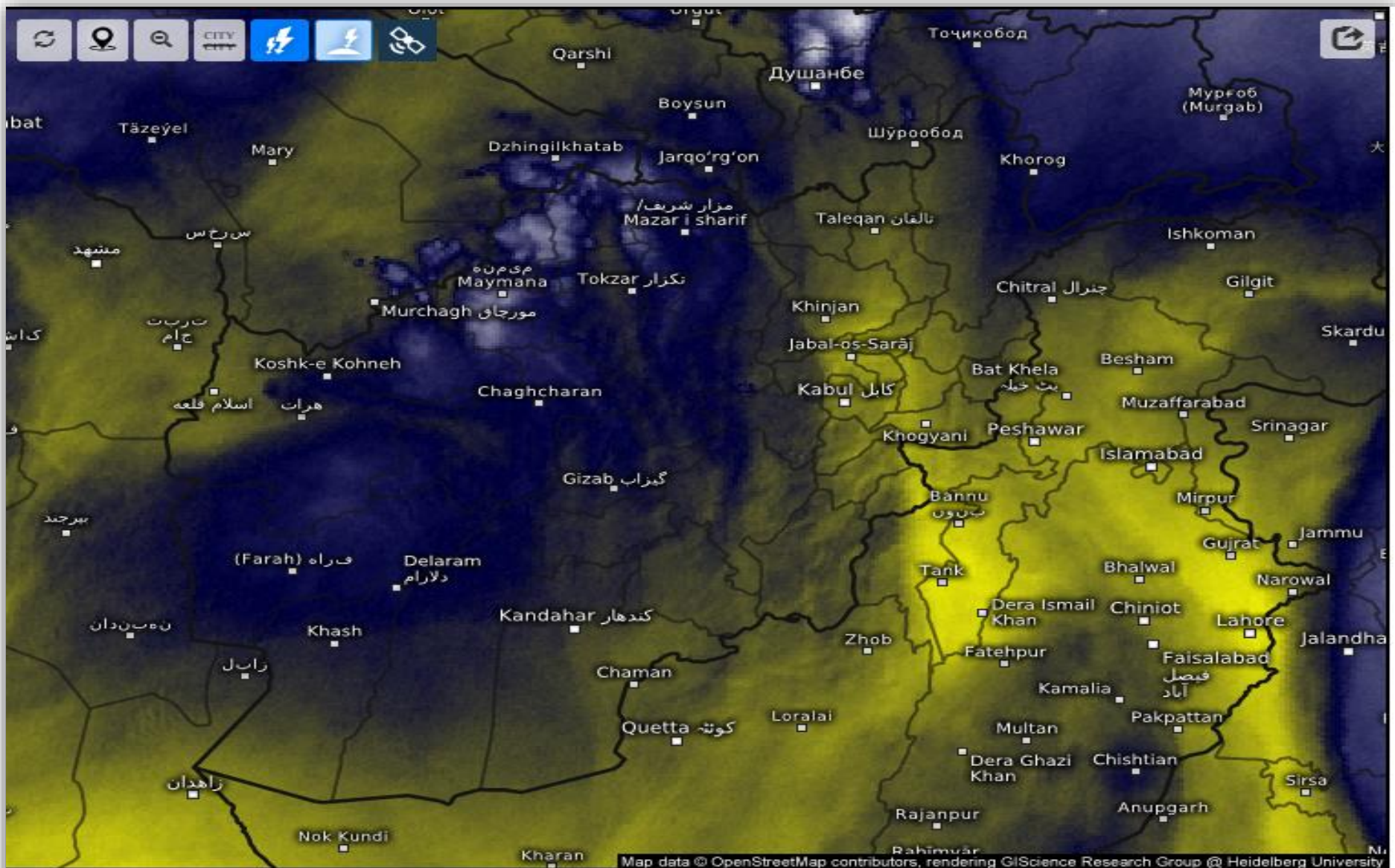
FY-4B CloudsConvection RGB Composite (From WM



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

01-06-2026/(0445 to 0512) GMT
01-06-2026/(1015 to 1042) IST





Satellite Water Vapor

Mon 06/01/2026, 10:00am GMT+0430

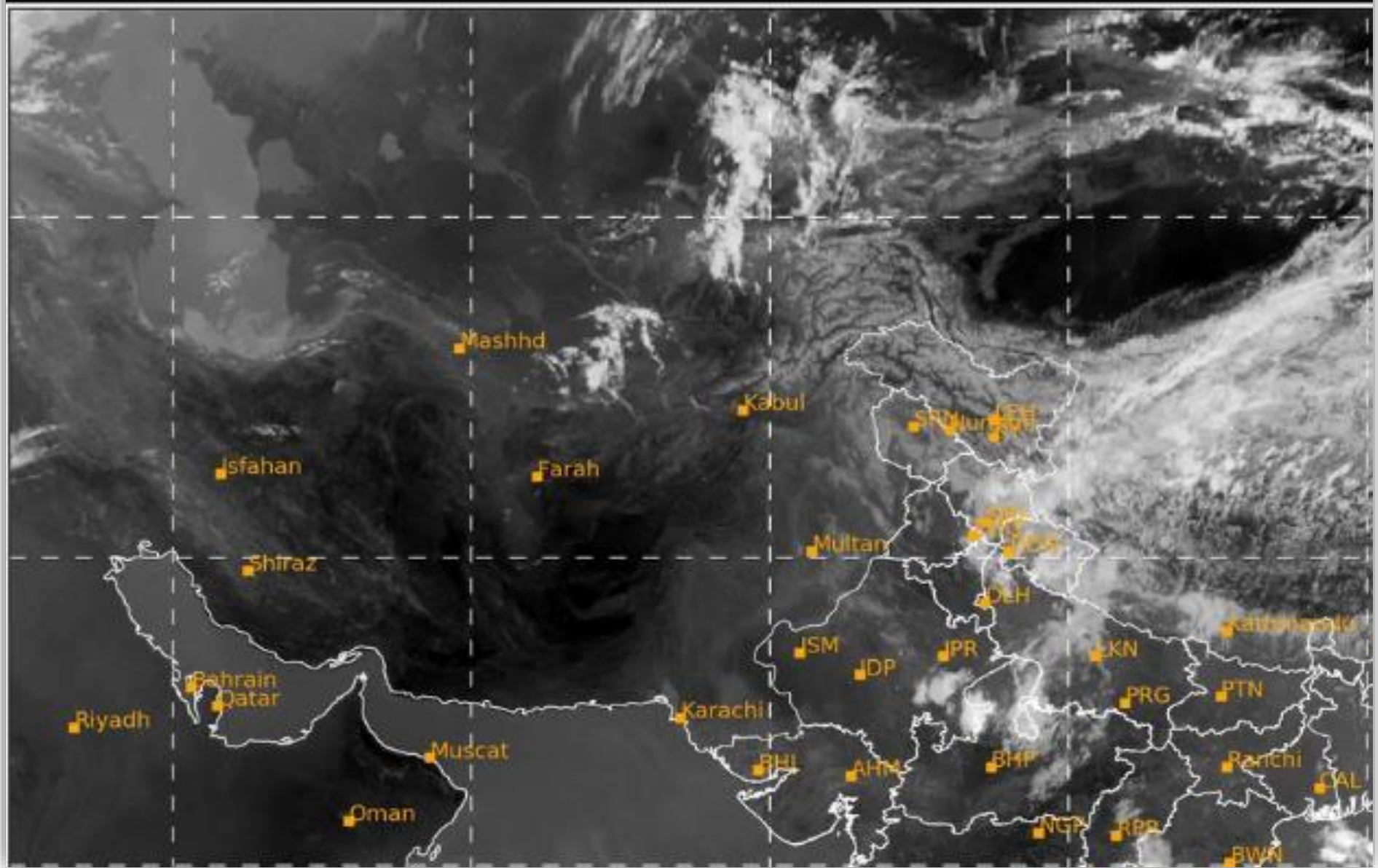


wet/cold

dry/warm

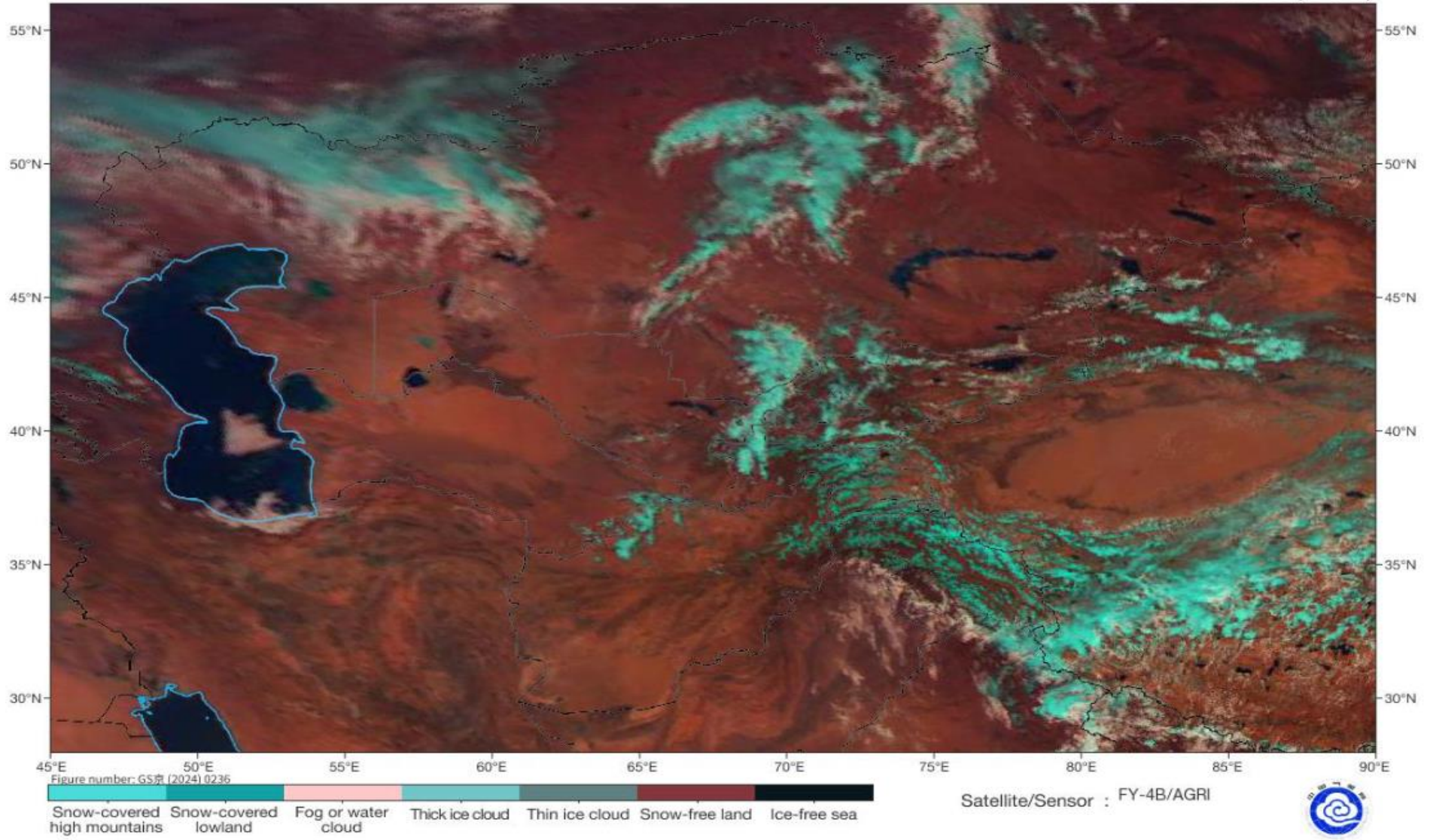
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

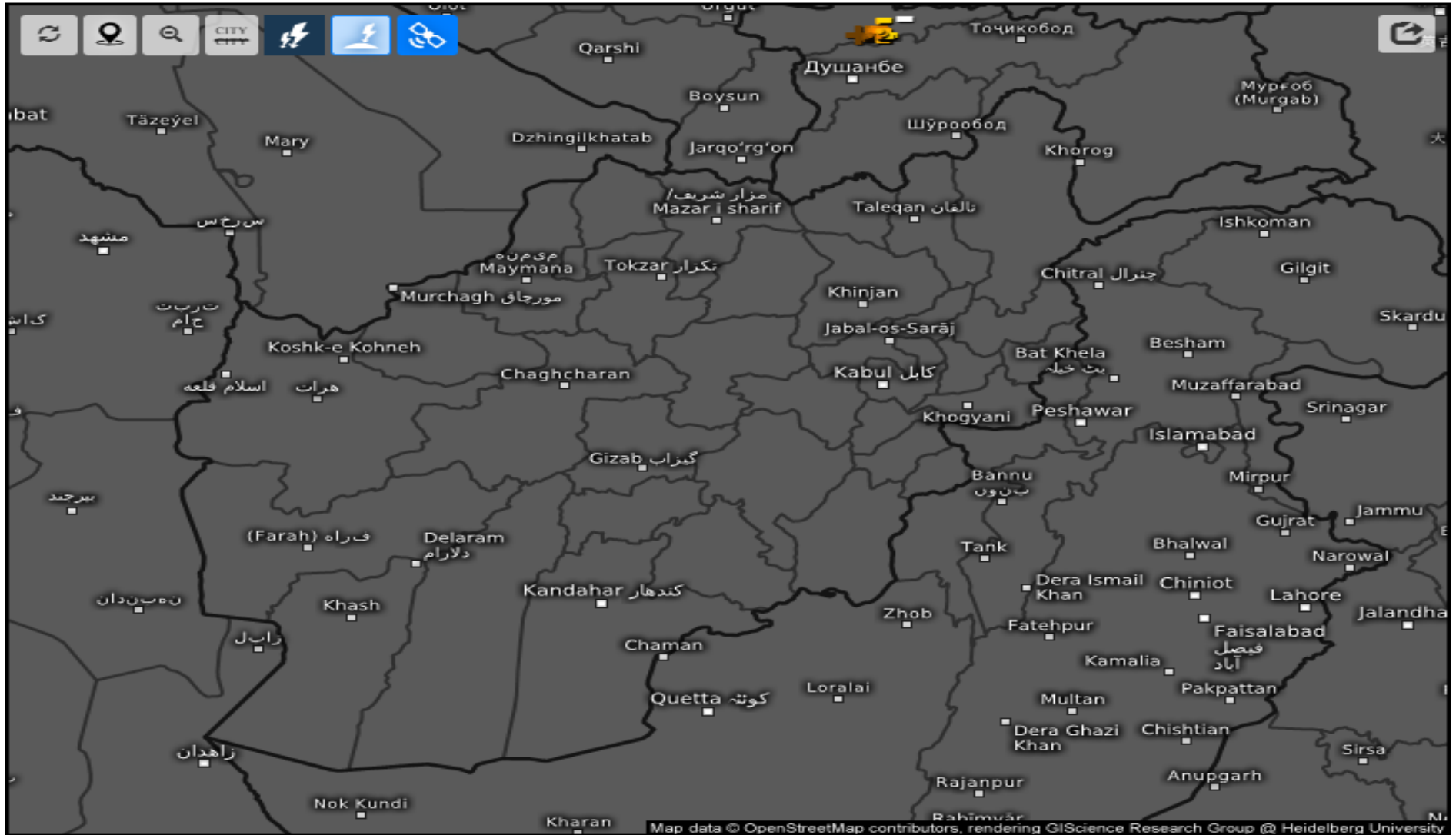
01-06-2026/(0445 to 0512) GMT
01-06-2026/(1015 to 1042) IST



Fog Identification

2026-06-01 05:45(UTC)





Age of lightning (minutes) 

Mon 06/01/2026, 10:30am GMT+0430

