



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



Daily reports of Satellite imagery analysis. Date & Time: 04-05-2026, 06:00 UTC

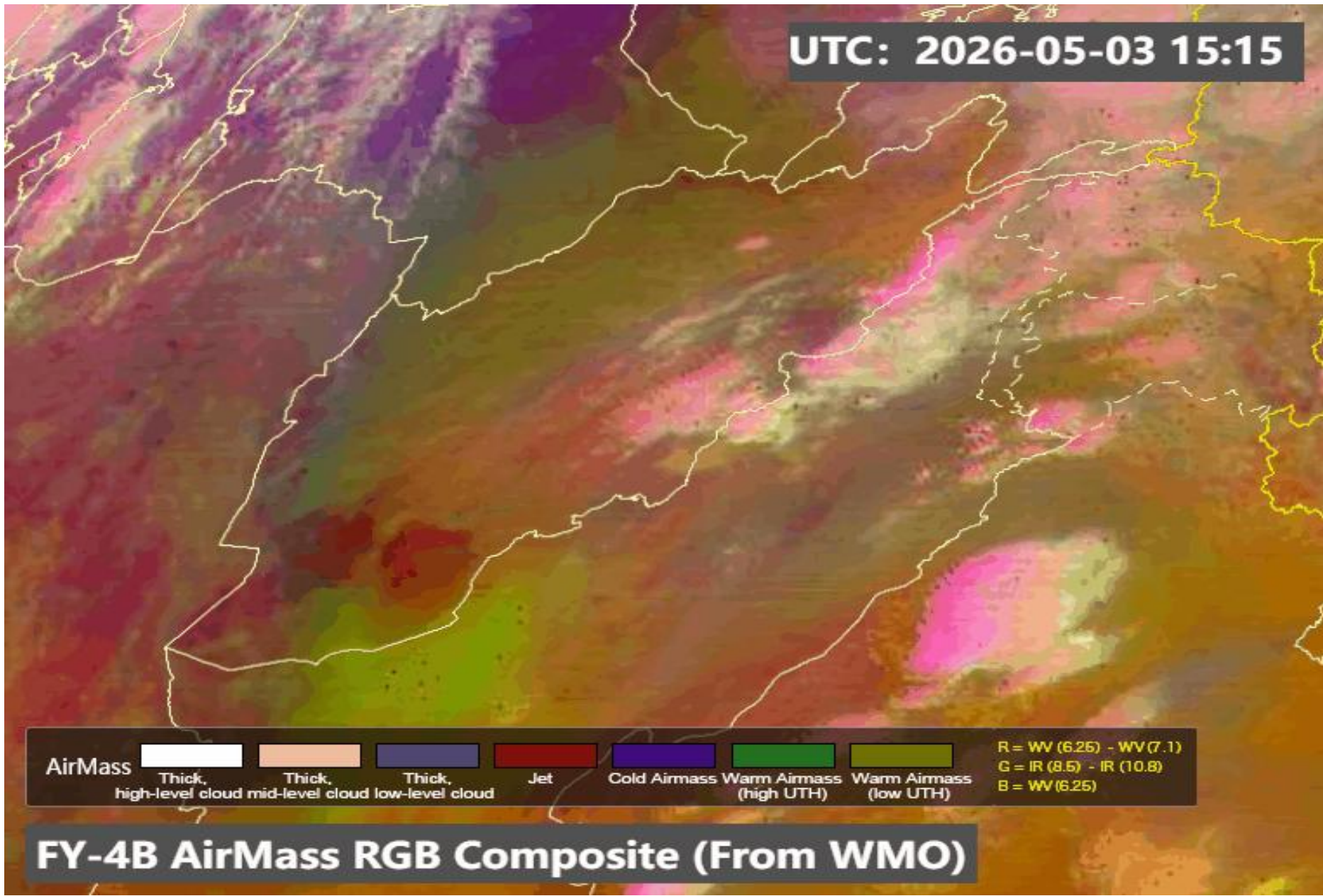
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	✓ moderate	X	X	
2	South	✓	X	X	X	X	✓ weak	X	X	
3	West	✓	✓	X	X	X	✓ weak	X		
4	East	✓	X	X	✓	X	✓ weak	X	X	
5	central	✓	✓	X	X	X	✓ weak	X	X	
6	Northeast	✓	X	X	✓	X	✓ moderate	X	X	
7	Southeast	✓	✓	X	X	X	✓ weak	X	X	
8	Northwest	✓	✓	X	X	X	✓ moderate	X	X	
9	Southwest	✓	X	X	X	X	✓ weak	X	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 western, central, southeastern, and northwestern regions have dust. The eastern, northeastern regions have cloudy skies. All regions have weak water vapor, except the northern, northeastern, and northwestern regions, which have moderate water vapor.

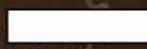
Not: X (Not existing phenomena) ✓ (existing phenomena)

Reported by: Esmatullah Mohammadi

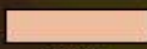
UTC: 2026-05-03 15:15



AirMass



Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



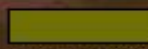
Jet



Cold Airmass



Warm Airmass
(high UTH)

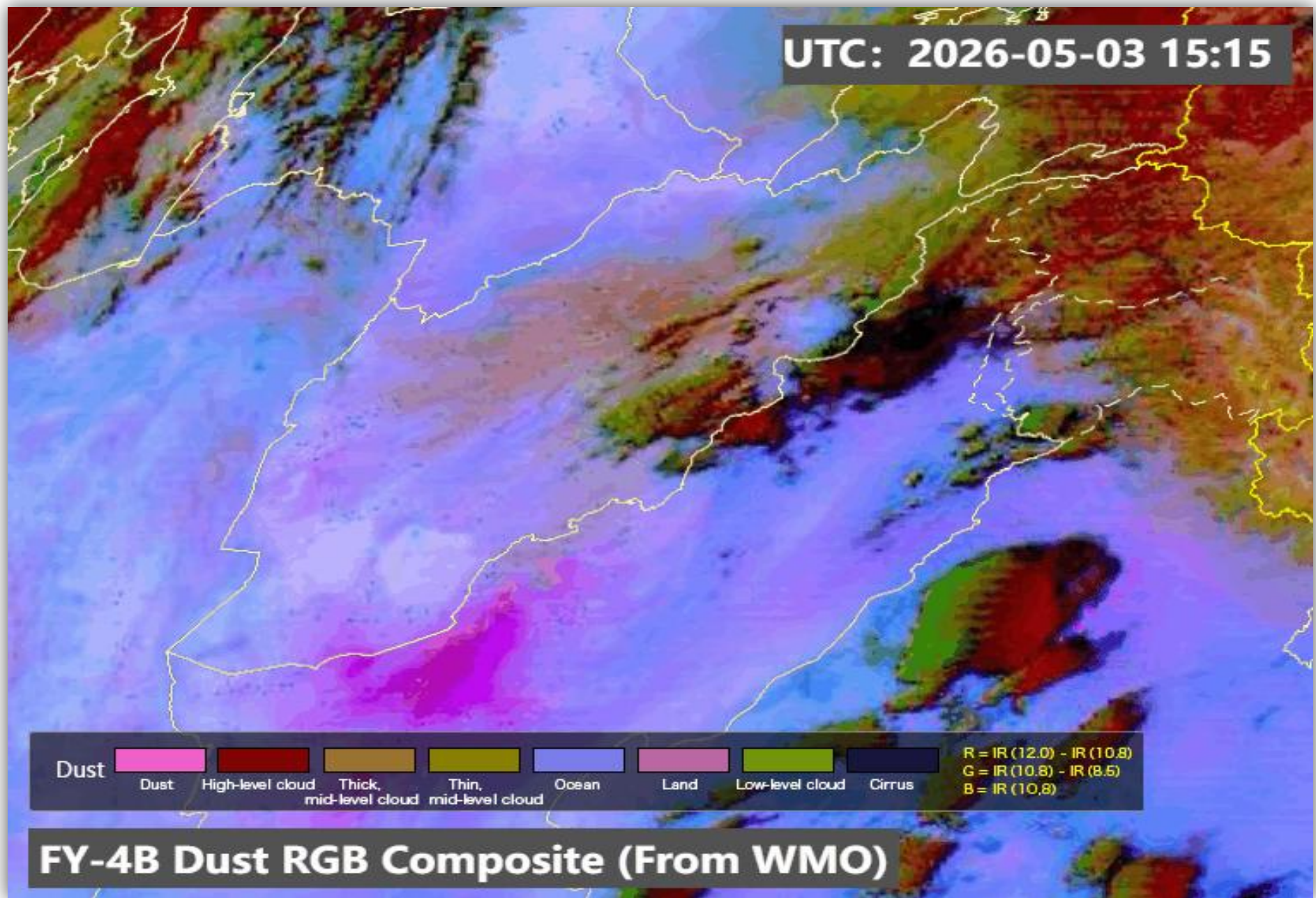


Warm Airmass
(low UTH)

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: 2026-05-03 15:15



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

2026-05-04 05:30(UTC)

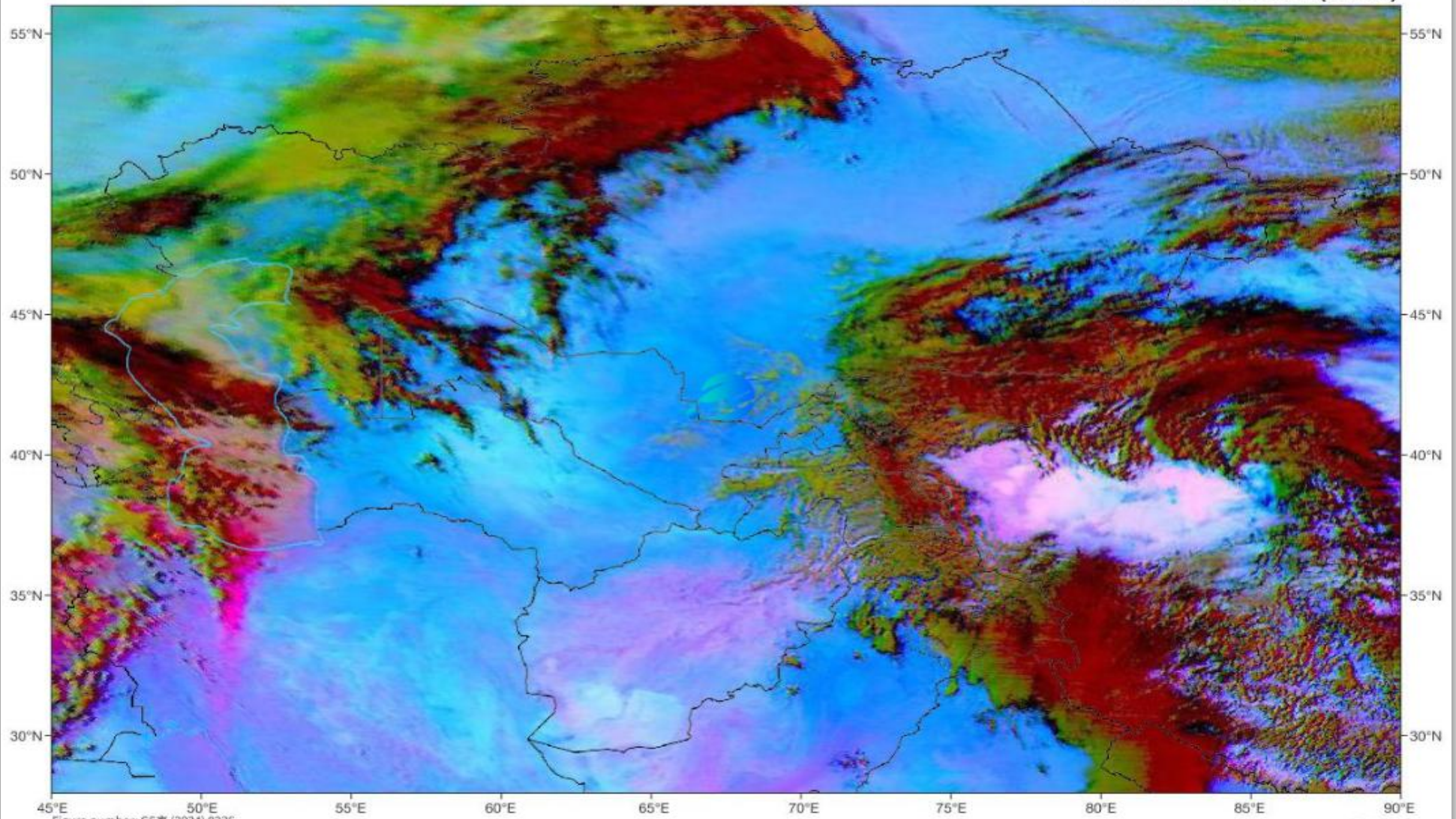


Figure number: GS京 (2024) 0236

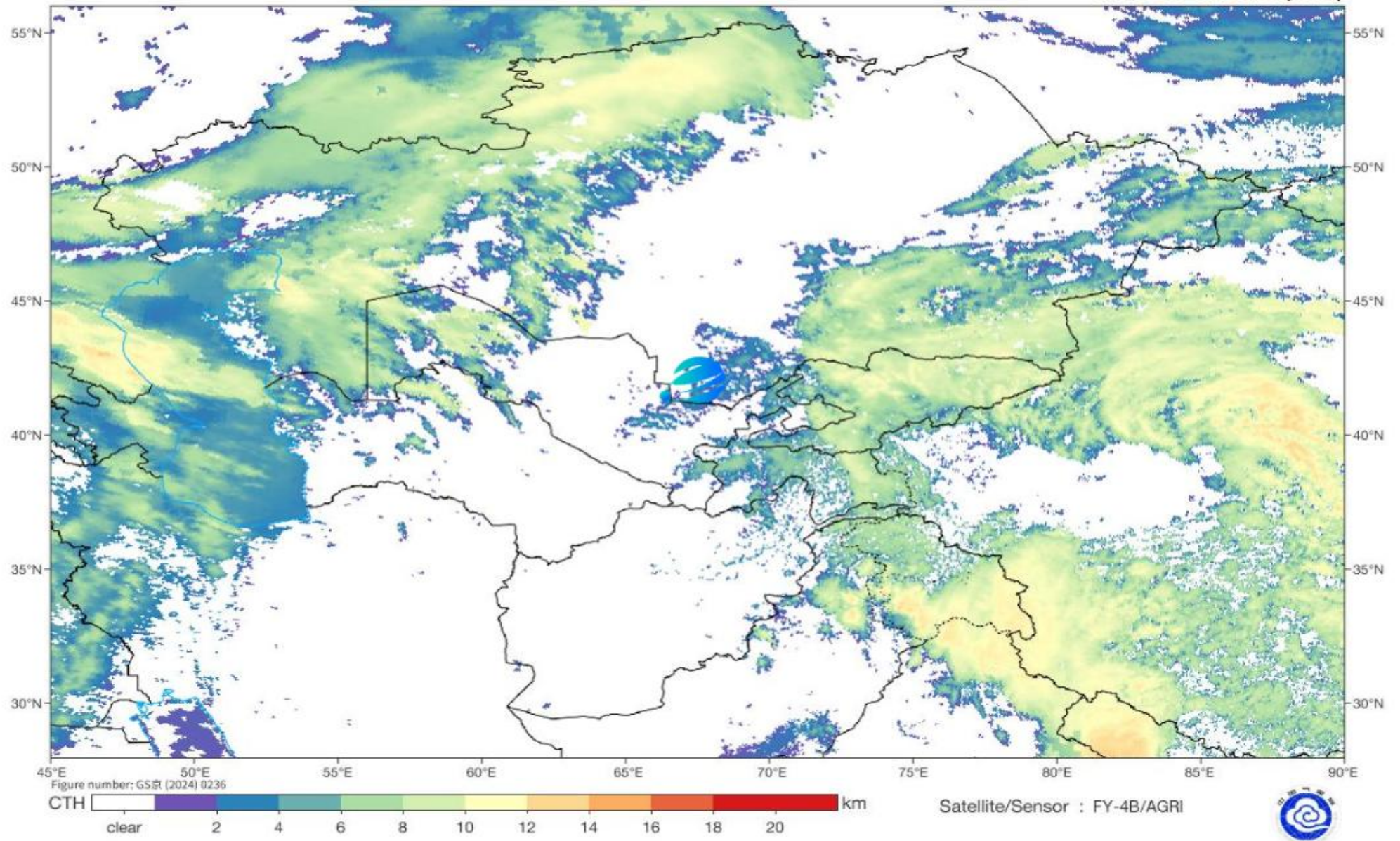


Satellite/Sensor : FY-4B/AGRI



Cloud Top Height

2026-05-04 05:30(UTC)

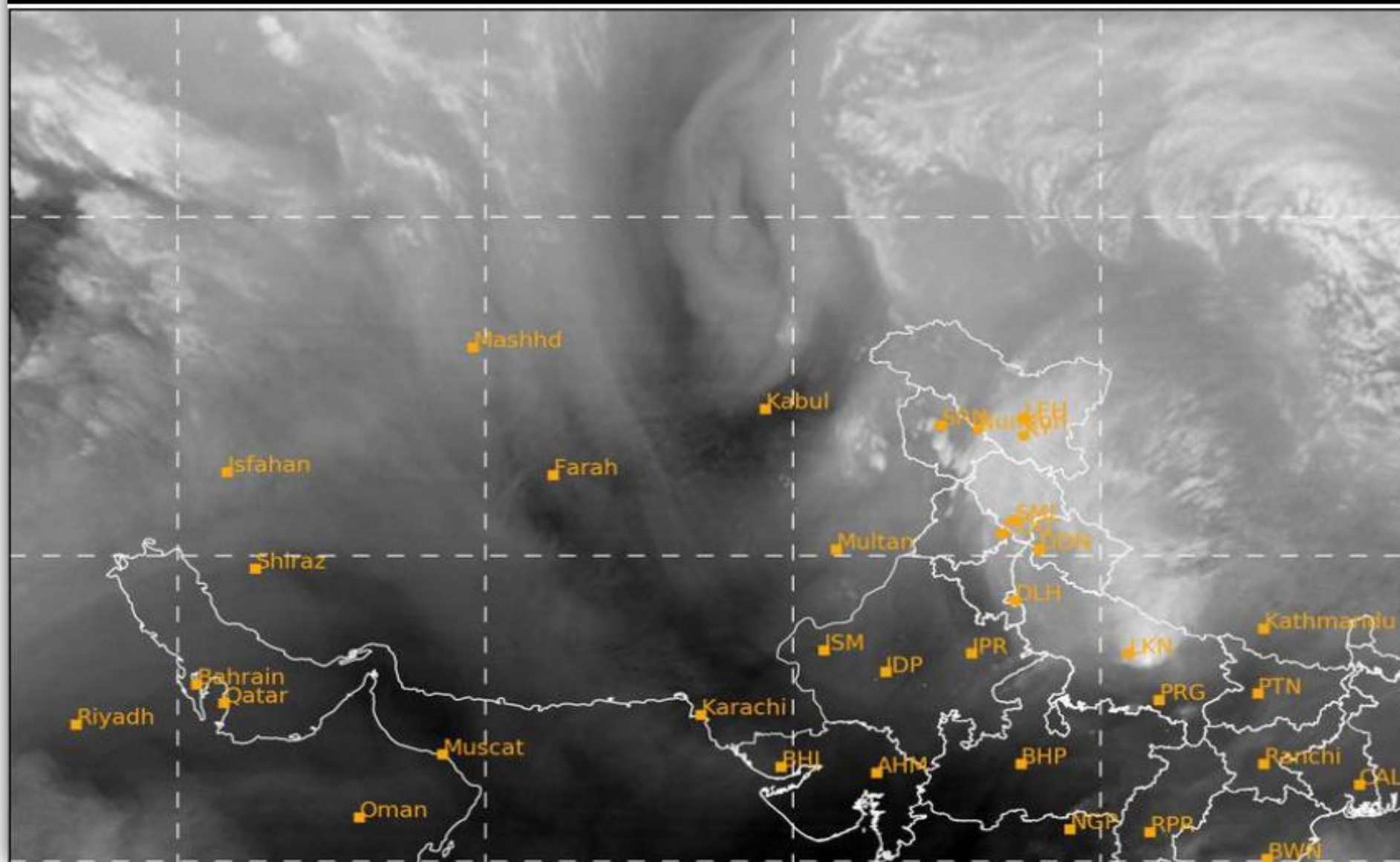


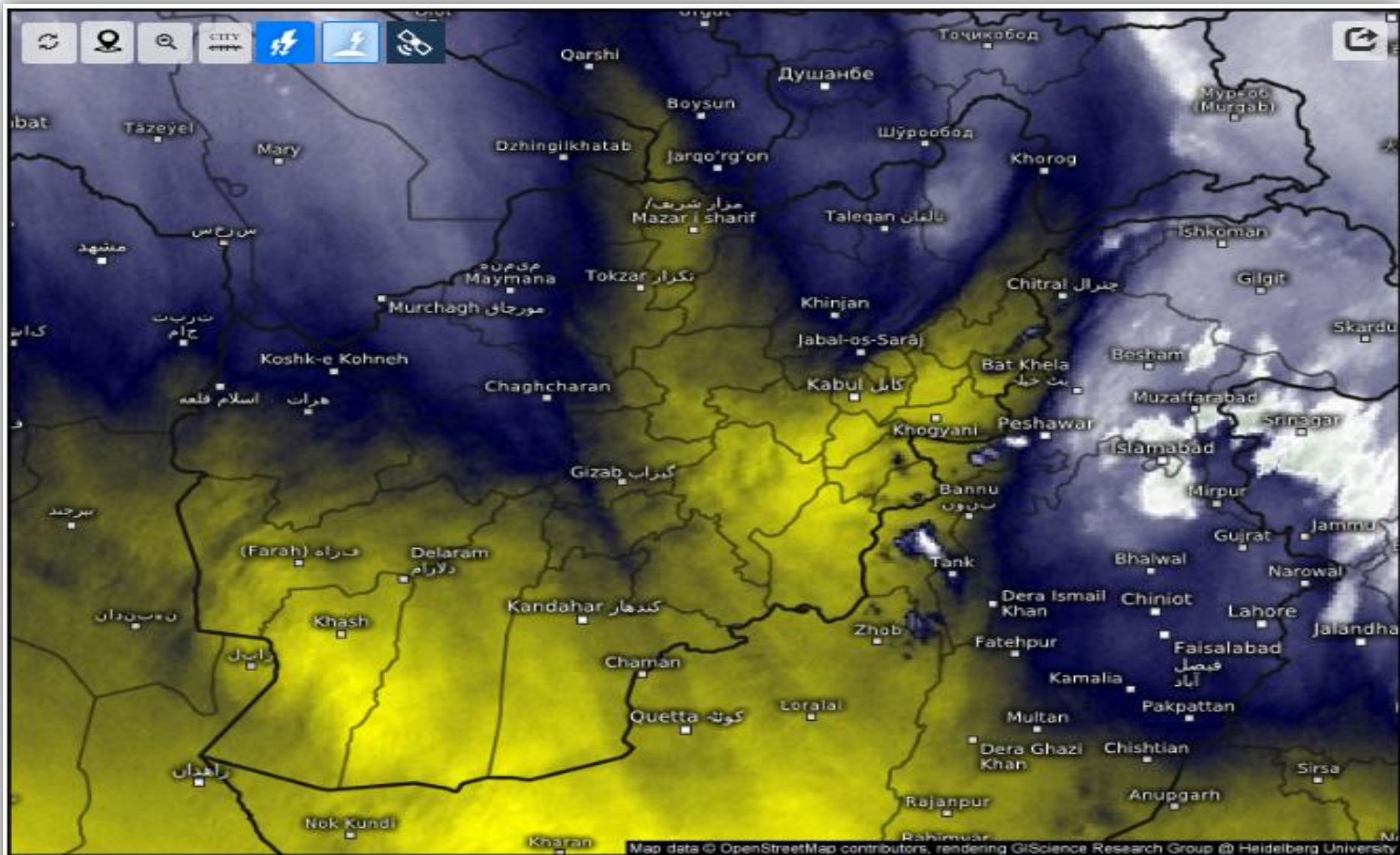
Live satellite map, Afghanistan



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

04-05-2026/(0415 to 0442) GMT
04-05-2026/(0945 to 1012) IST





Satellite Water Vapor

Mon 05/04/2026, 10:00am GMT+0430

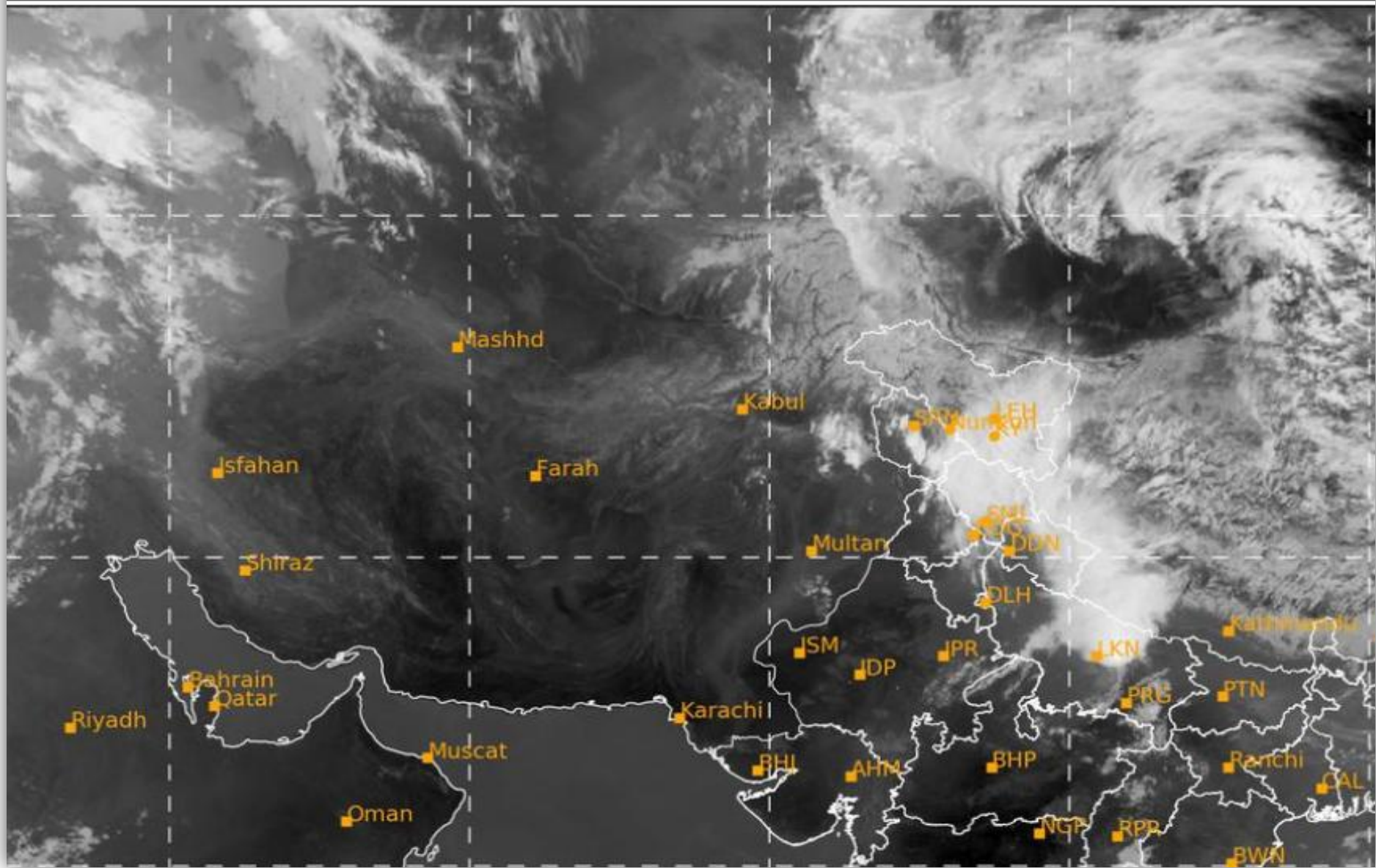


wet/cold

dry/warm

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

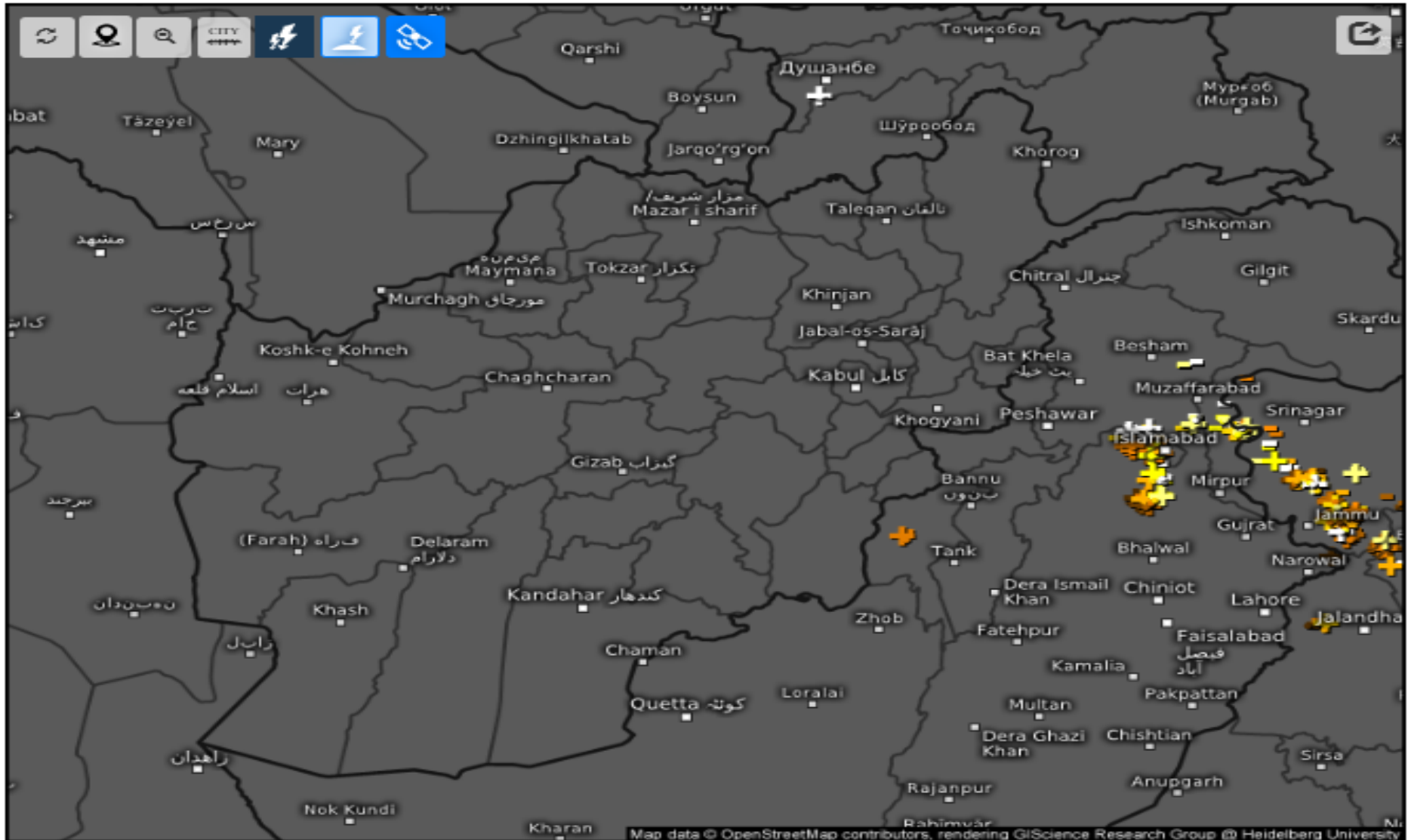
04-05-2026/(0415 to 0442) GMT
04-05-2026/(0945 to 1012) IST



Fog Identification

2026-05-04 05:30(UTC)





Age of lightning (minutes) ⓘ

Mon 05/04/2026, 10:10am GMT+0430

