



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



Daily reports of Satellite imagery analysis. Date & Time: 11-05-2026, 06:00 UTC

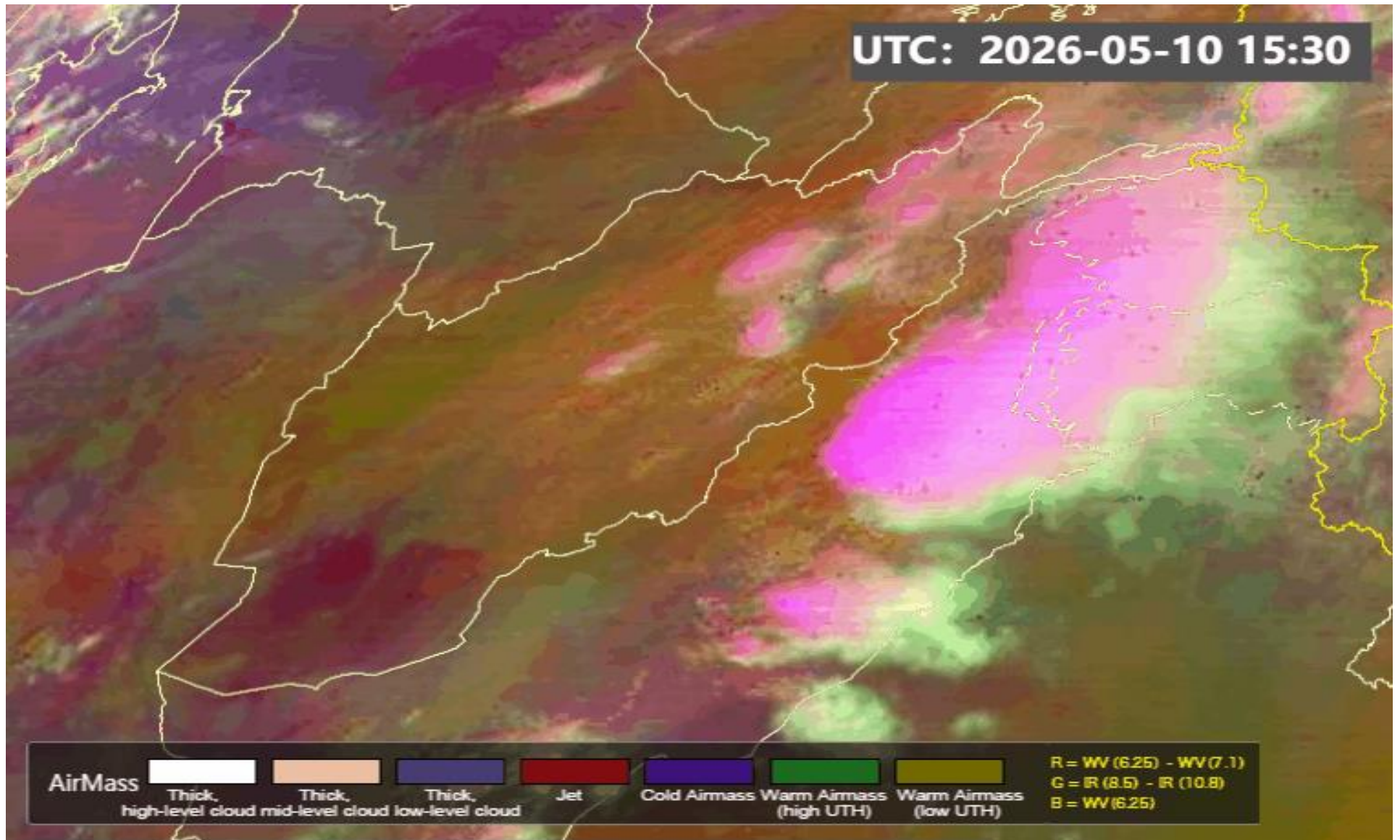
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	✓	X	✓ moderate	X	X	
2	South	✓	X	X	X	X	✓ moderate	X	X	
3	West	✓	X	X	X	X	✓ moderate	X	X	
4	East	✓	X	✓	✓	X	✓ moderate	X	X	
5	central	✓	X	X	✓	X	✓ moderate	X	X	
6	Northeast	✓	X	X	✓	✓	✓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

Details: According to satellite imagery analysis, the northern, southern, western and southwestern regions have a cold air mass. The eastern, central, northeastern, southeastern and northwestern regions have a warm air mass with (Low UTH). The southeastern, northwestern and southwestern regions have dust. The eastern regions have lightning. The northern, eastern, central, northeastern, and northwestern regions have cloudy skies. The northeastern regions have fog or water cloud. All regions have moderate water vapor, except the southeastern regions, which have weak water vapor.

Not: X (Not existing phenomena) V (existing phenomena)

Reported by: Esmatullah Mohammadi

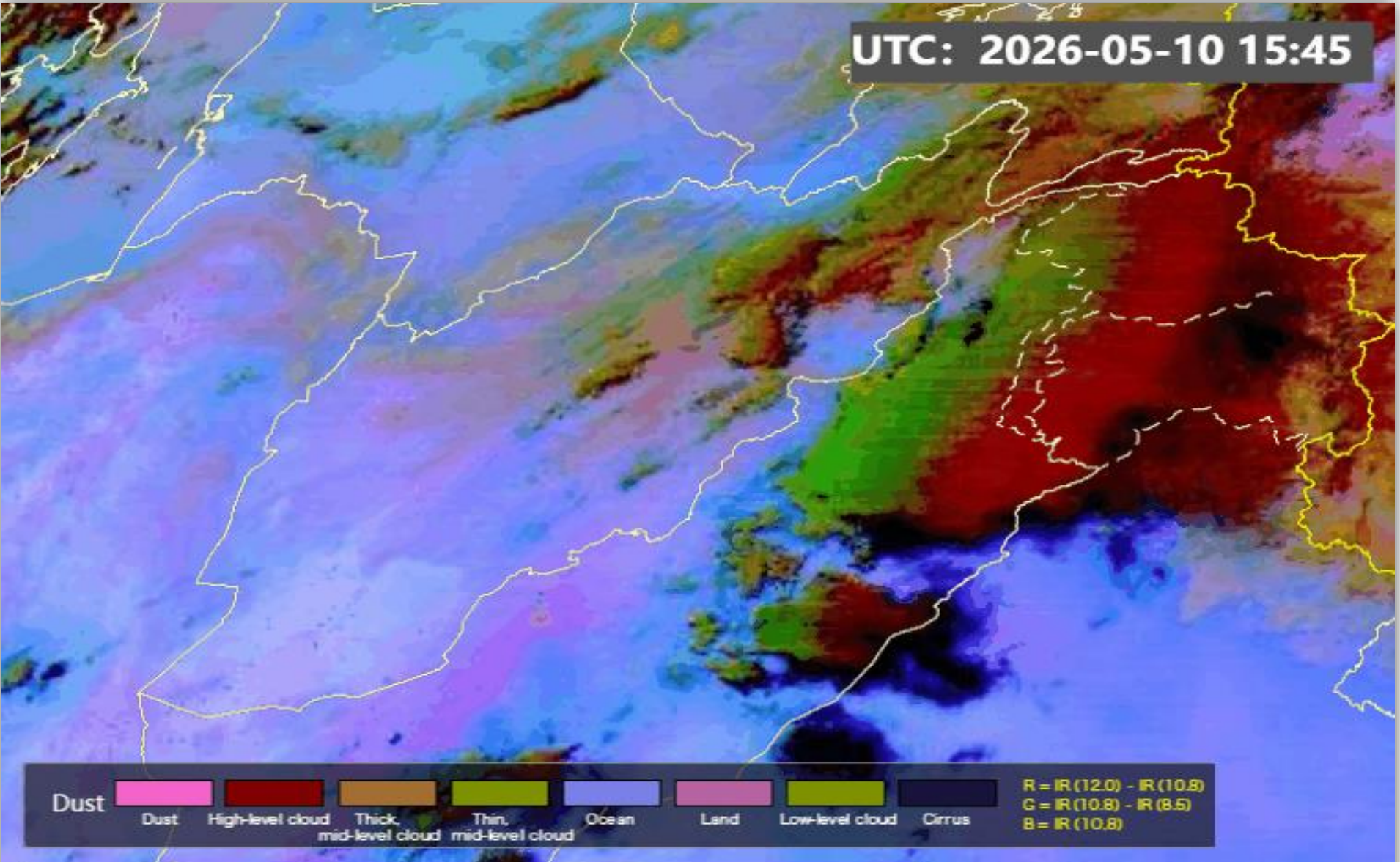
UTC: 2026-05-10 15:30

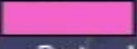

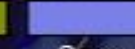
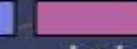


AirMass								R = WV (6.25) - WV (7.1)
	Thick, high-level cloud	Thick, mid-level cloud	Thick, low-level cloud	Jet	Cold Airmass	Warm Airmass (high UTH)	Warm Airmass (low UTH)	G = IR (8.5) - IR (10.8)
								B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-05-10 15:45



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

2026-05-11 05:30(UTC)

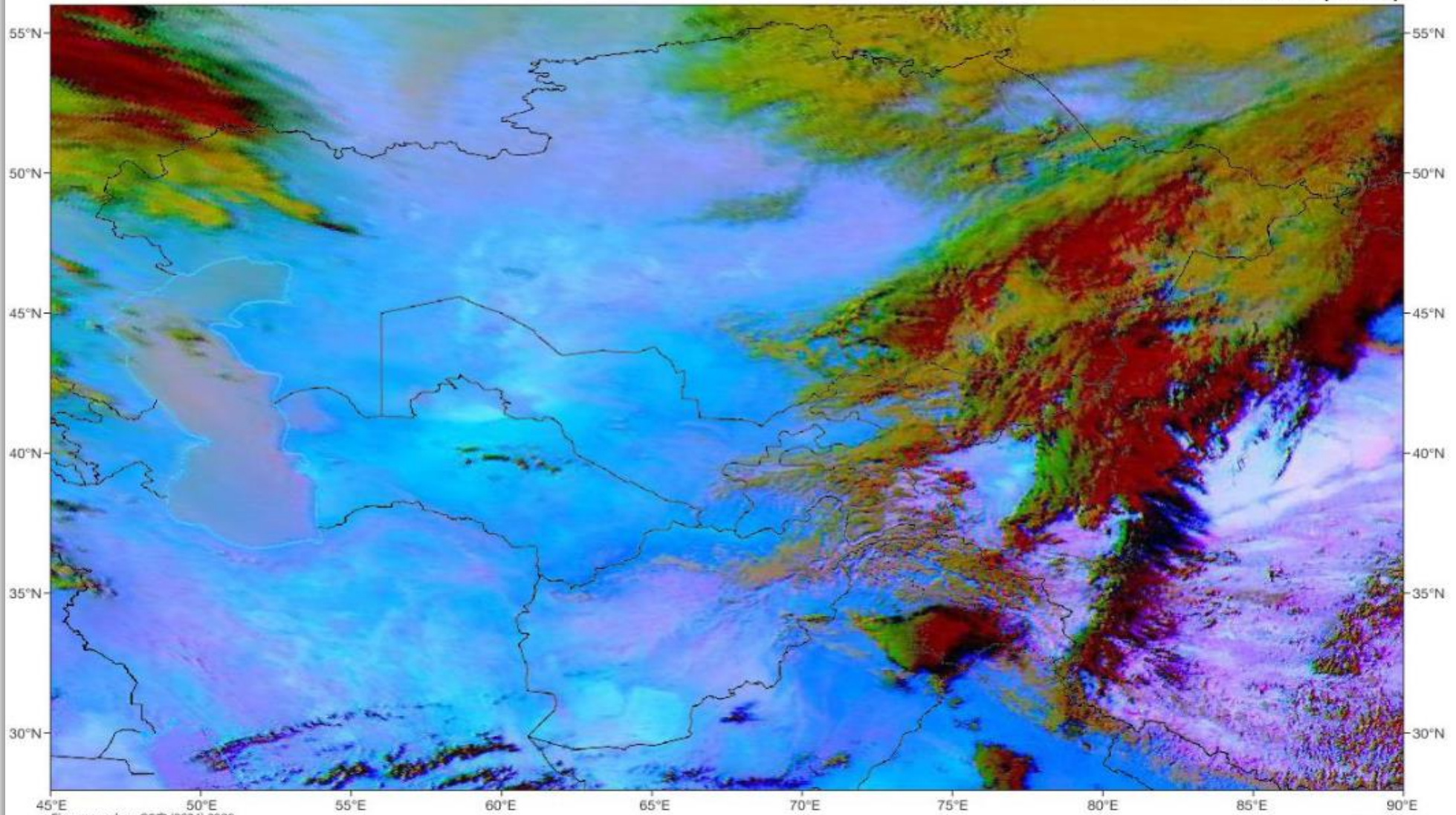


Figure number: GS京 (2024) 0236

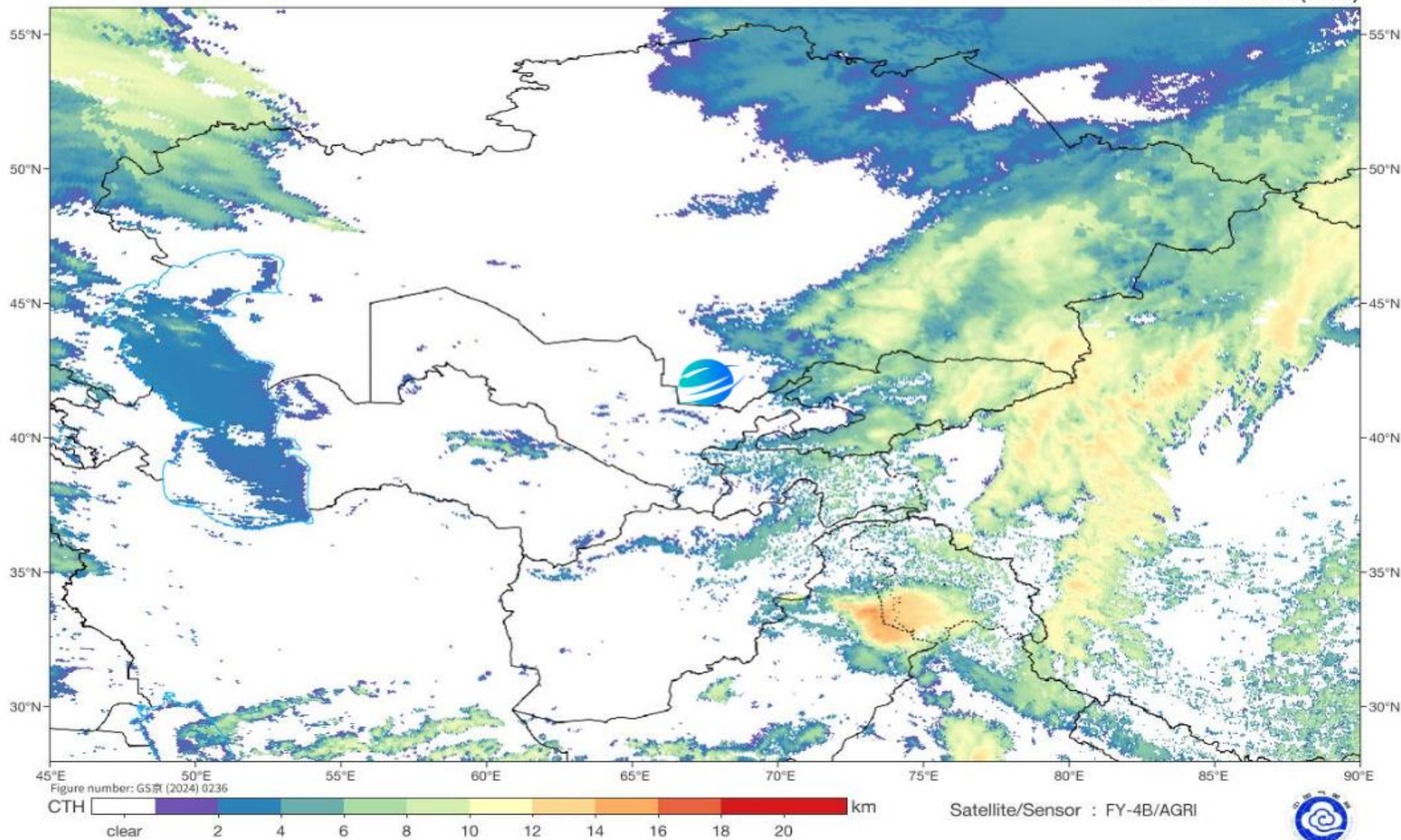


Satellite/Sensor : FY-4B/AGRI



Cloud Top Height

2026-05-11 05:30(UTC)



Live satellite map, Afghanistan



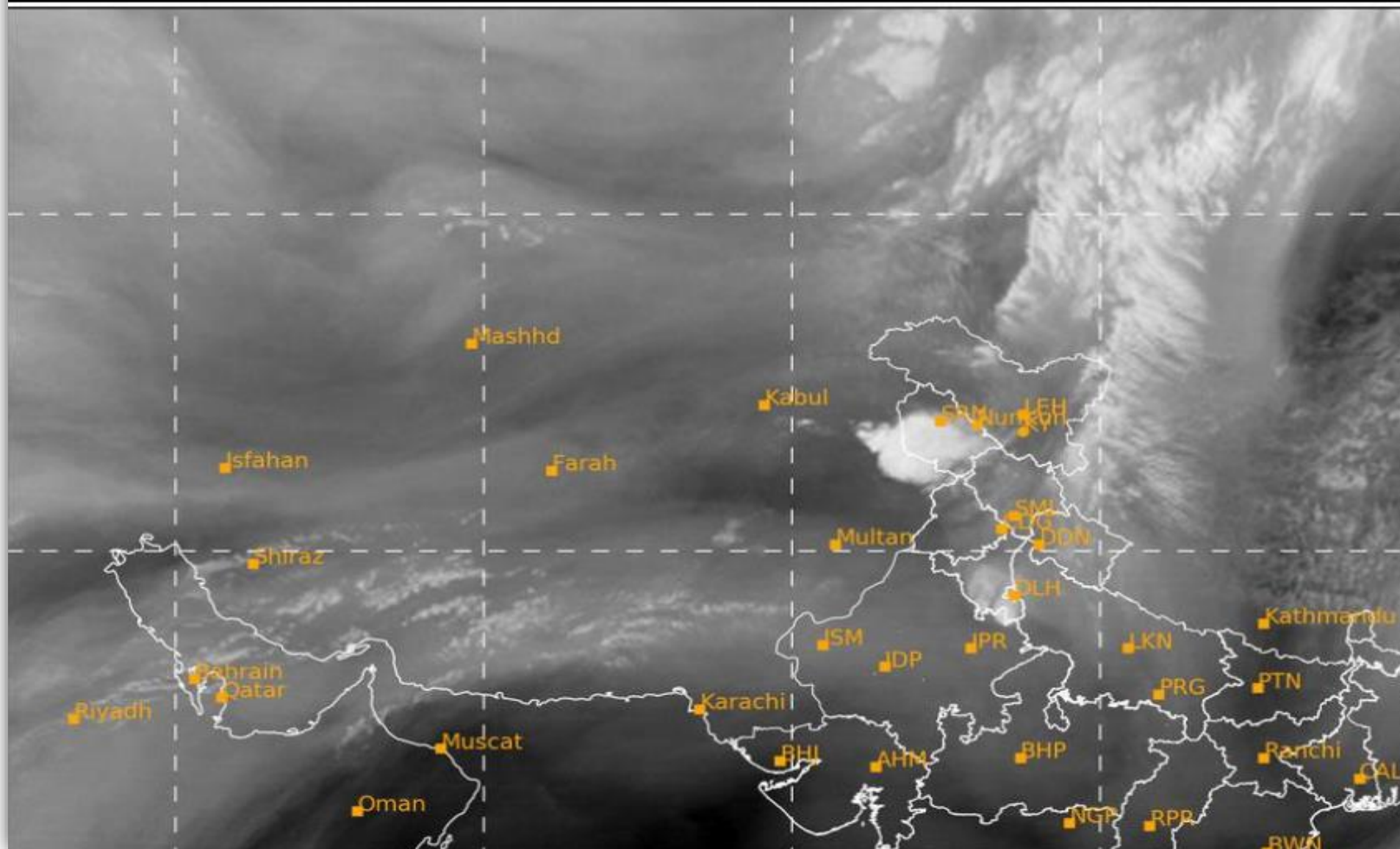
SAT : INSAT-3DR IMG

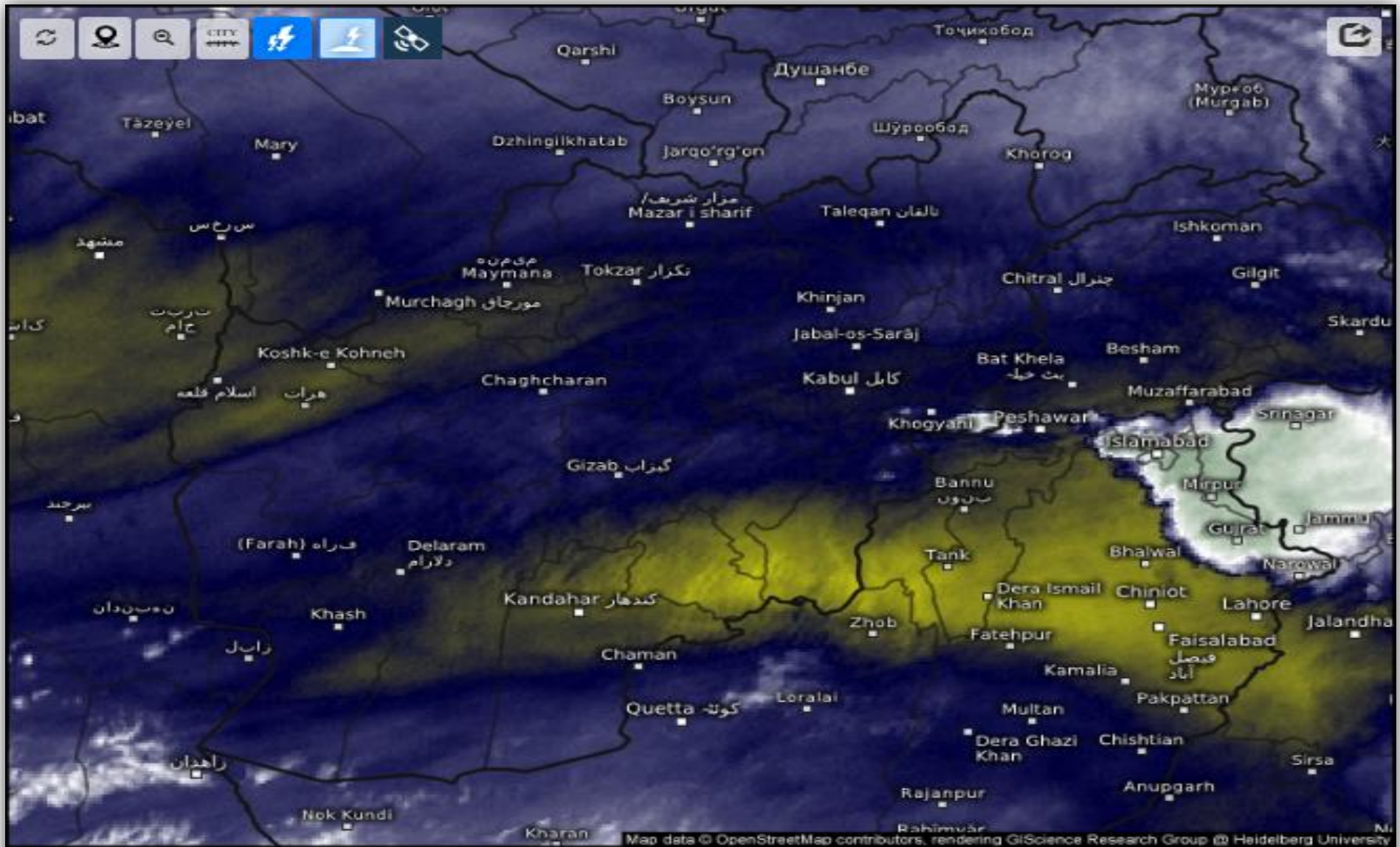
IMG_WV 6.8 um

L1C Mercator

11-05-2026/(0445 to 0512) GMT

11-05-2026/(1015 to 1042) IST





Satellite Water Vapor

Mon 05/11/2026, 10:00am GMT+0430

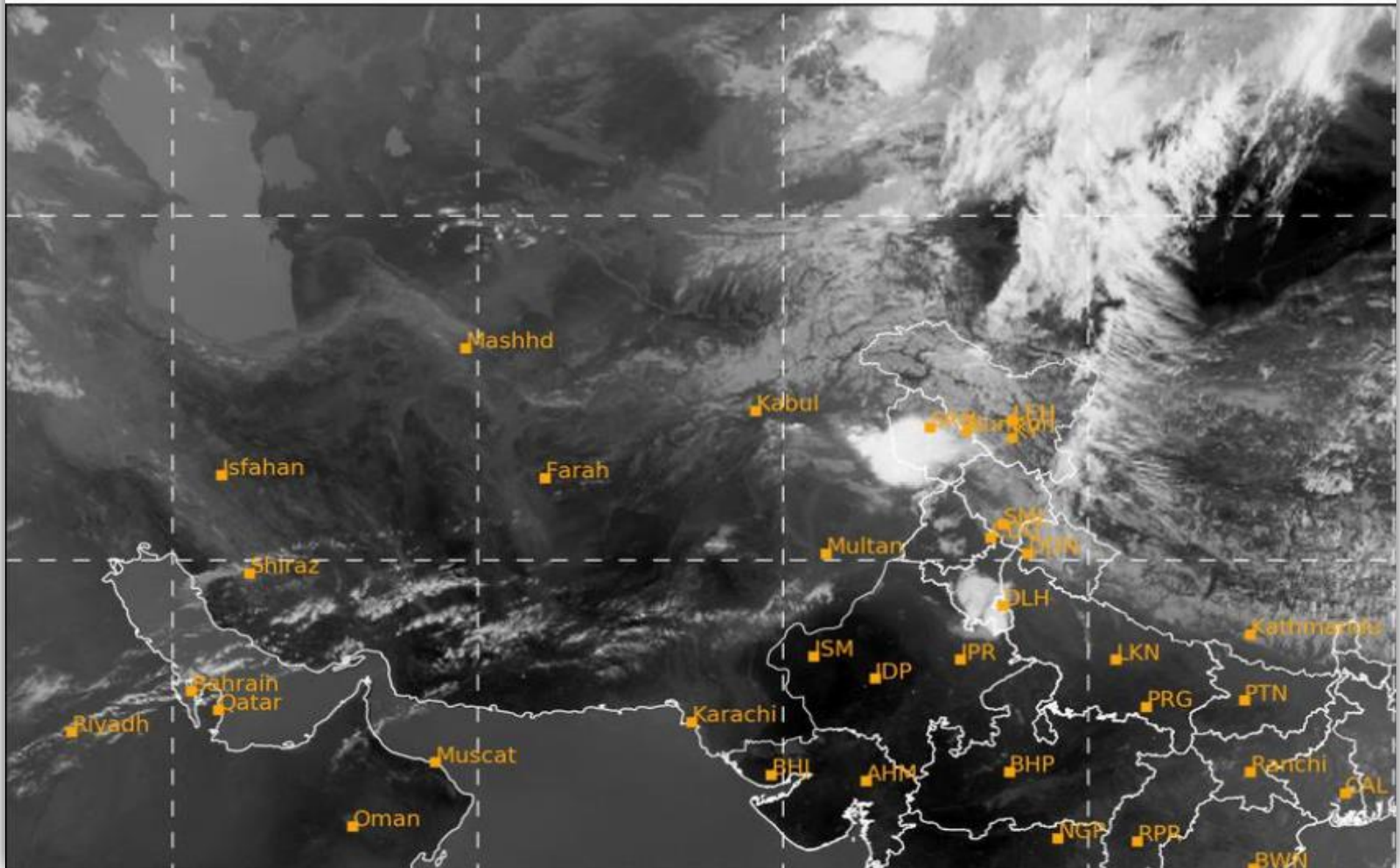


wet/cold

dry/warm

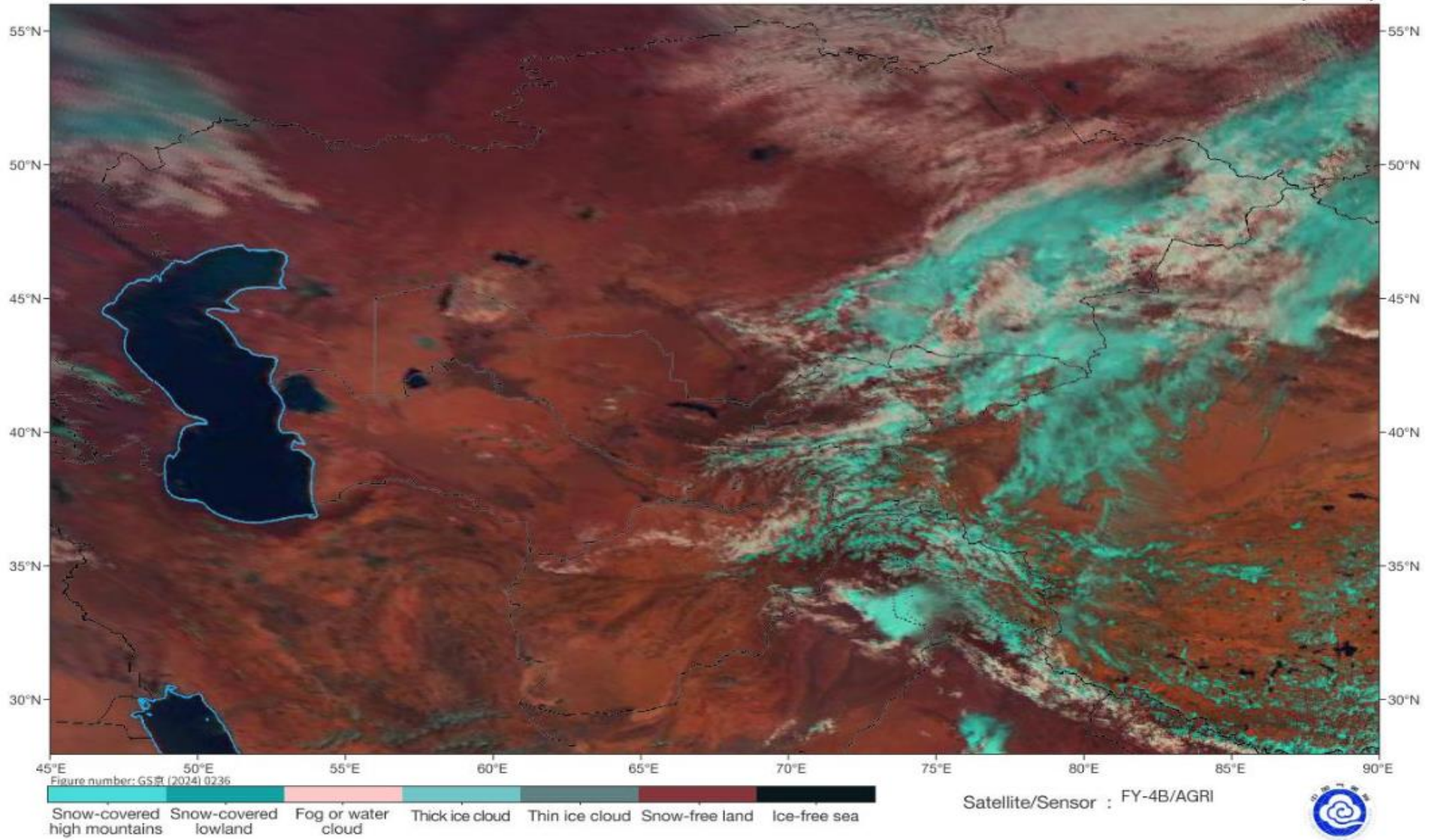
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

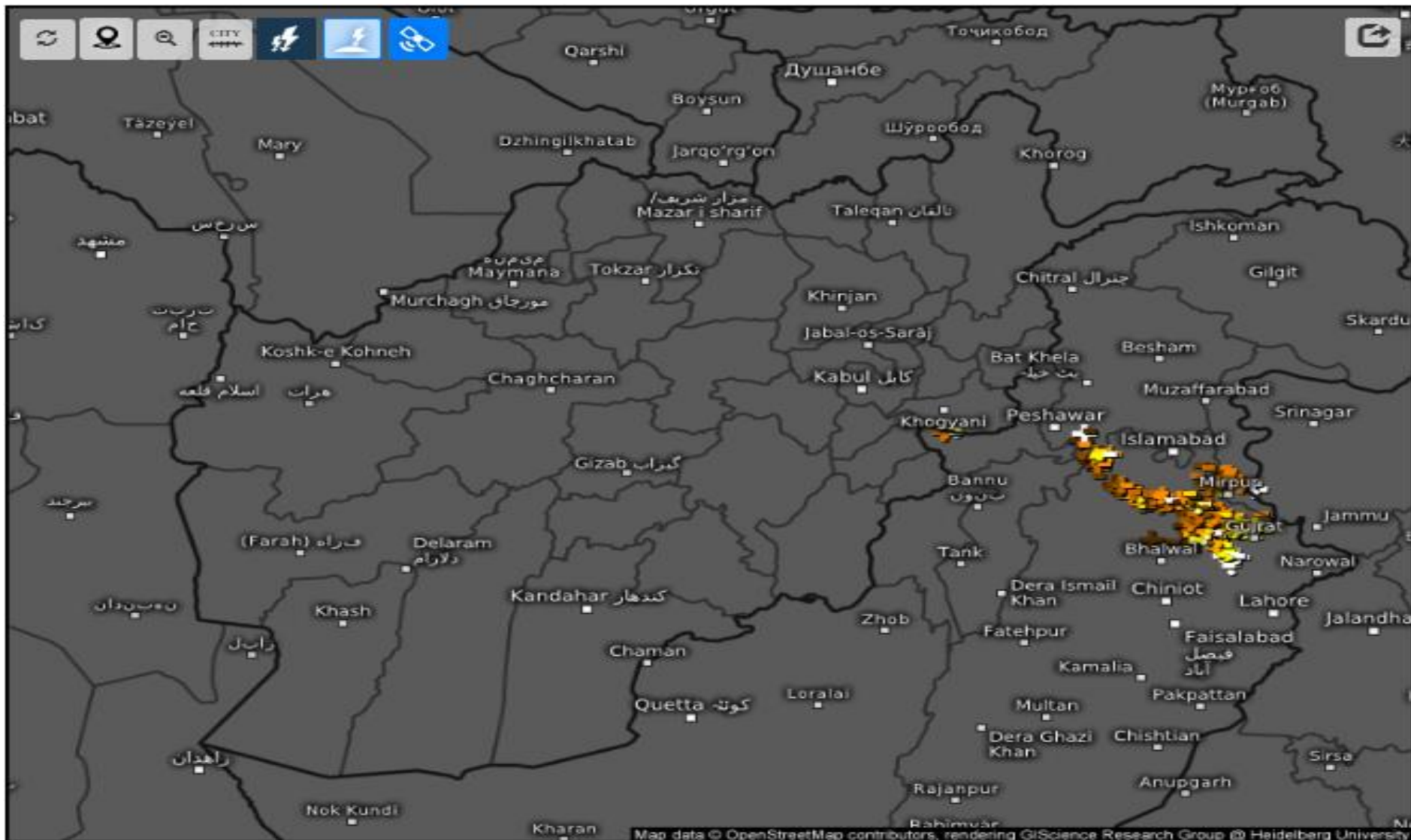
11-05-2026/(0445 to 0512) GMT
11-05-2026/(1015 to 1042) IST



Fog Identification

2026-05-11 05:30(UTC)





Age of lightning (minutes) ⓘ

Mon 05/11/2026, 10:10am GMT+0430

