



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



Daily reports of Satellite imagery analysis. Date & Time: 19-05-2026, 06:00 UTC

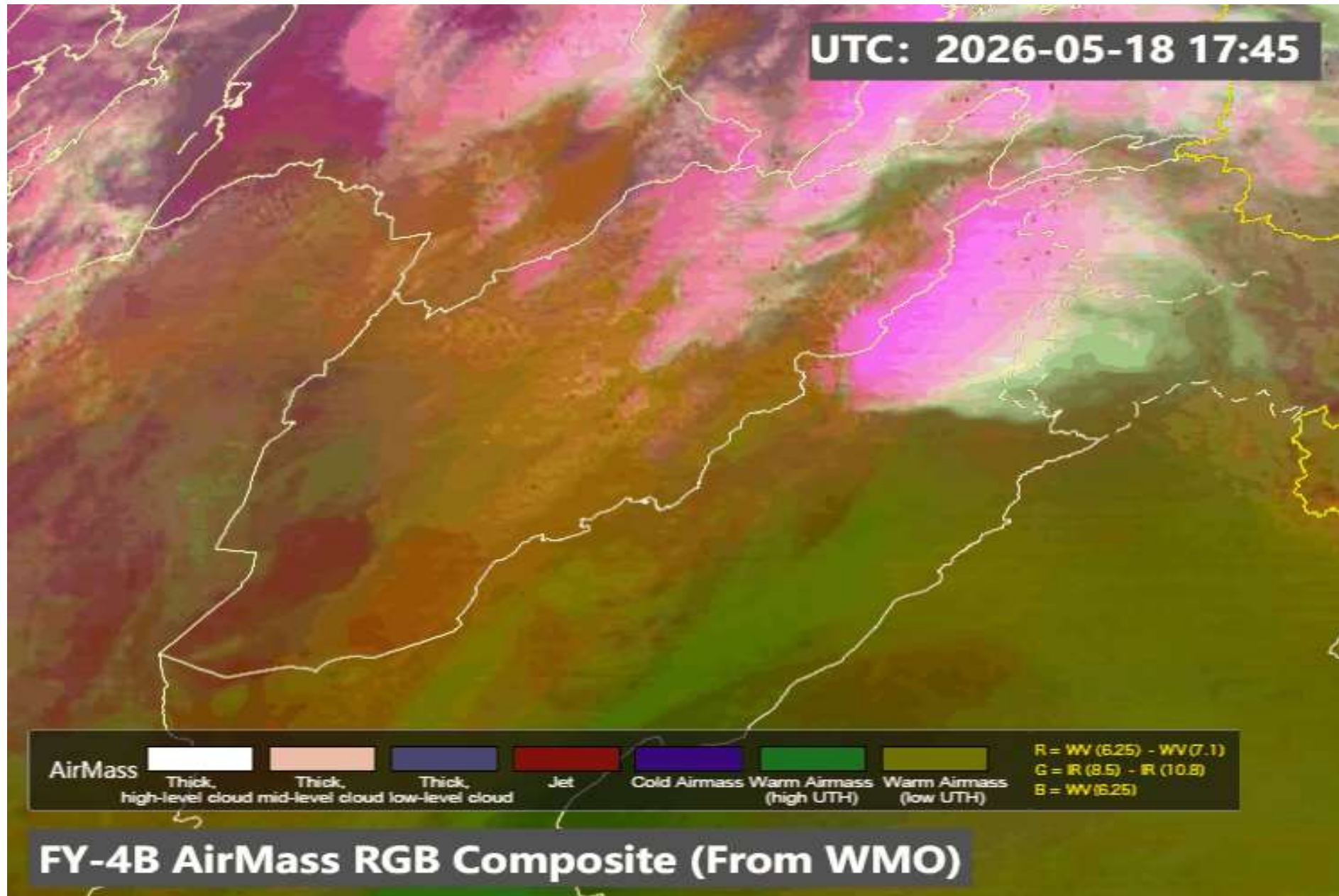
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	✓	X	✓	X	✓ moderate	X	X	
2	South	✓	X	X	X	X	✓ weak	X	✓	
3	West	✓	✓	X	X	X	✓ weak	X	X	
4	East	✓	X	X	✓	X	✓ moderate	X	X	
5	central	✓	✓	X	✓	X	✓ moderate	X	X	
6	Northeast	✓	X	X	✓	X	✓ moderate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

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

Not: X (Not existing phenomena) v (existing phenomena)

Reported by: Esmatullah Mohammadi

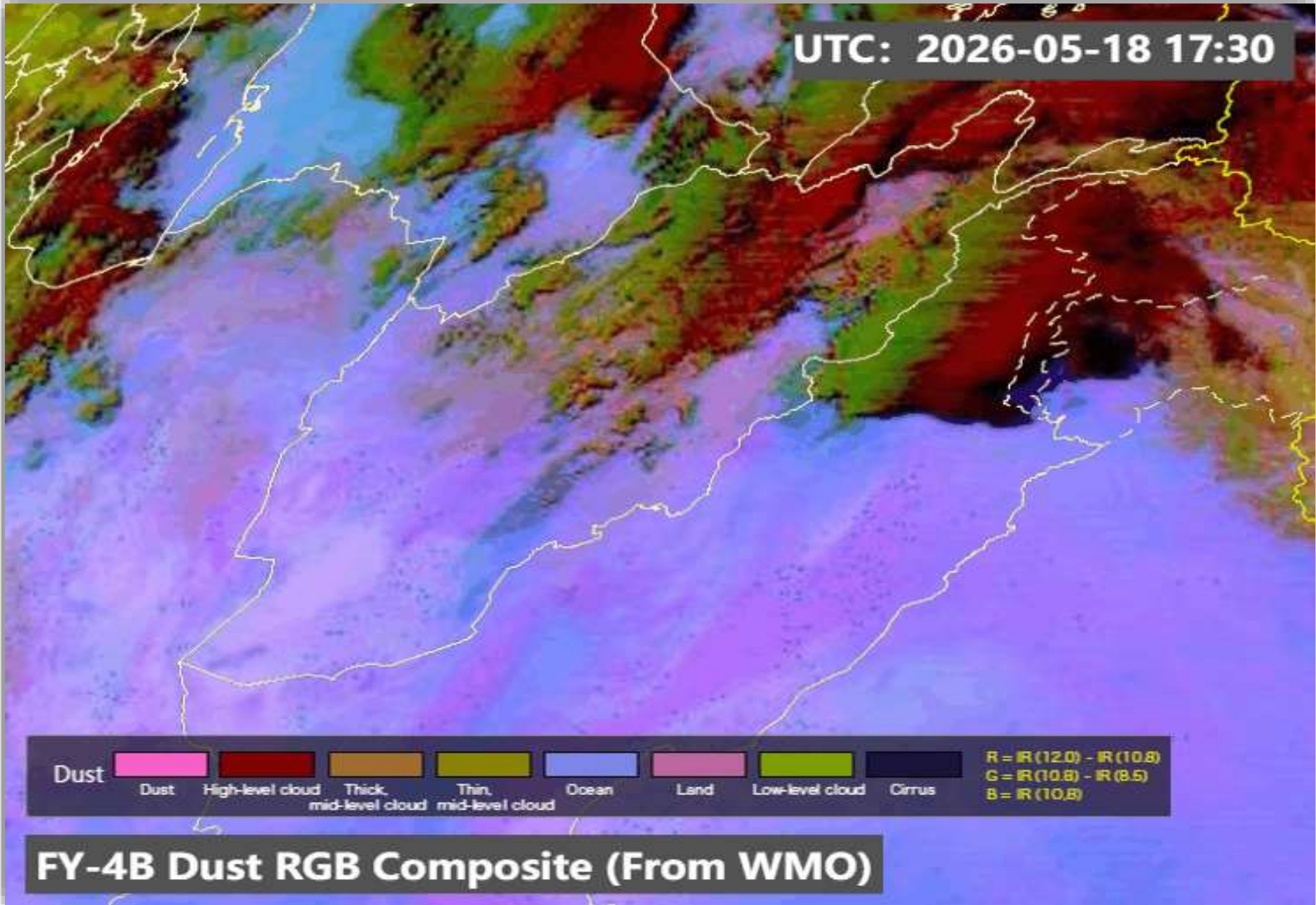
UTC: 2026-05-18 17:45



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

FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-05-18 17:30



FY-4B Dust RGB Composite (From WMO)

Sand And Dust Identification

2026-05-19 05:30(UTC)

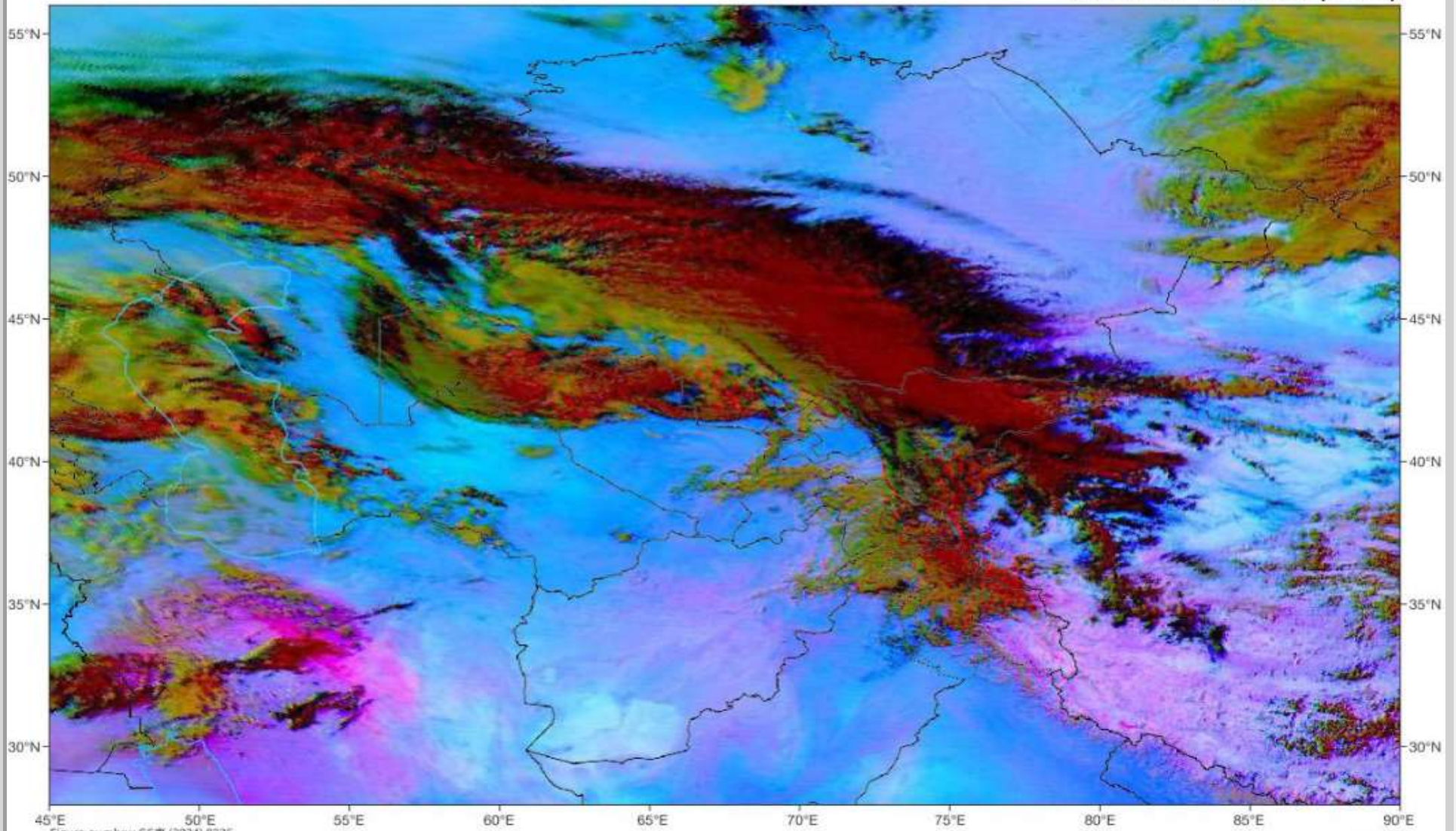


Figure number: G5R (2024) 0236

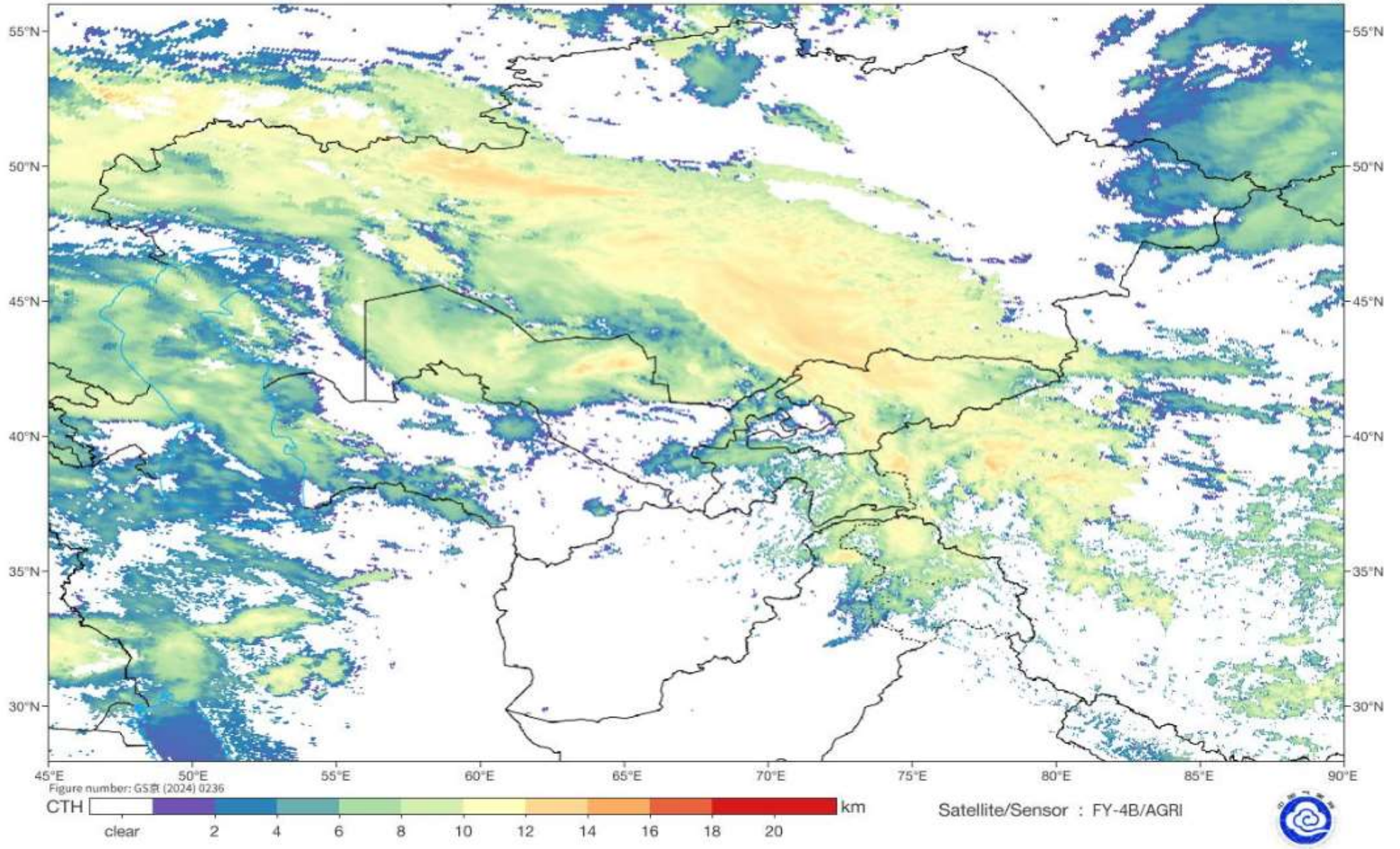


Satellite/Sensor : FY-4B/AGRI



Cloud Top Height

2026-05-19 05:15(UTC)



UTC: 2026-05-19 04:30



Clouds Convection

					
Ns/Cb	Cirrus	Ac	Low cloud/Fog	Land	Ocean

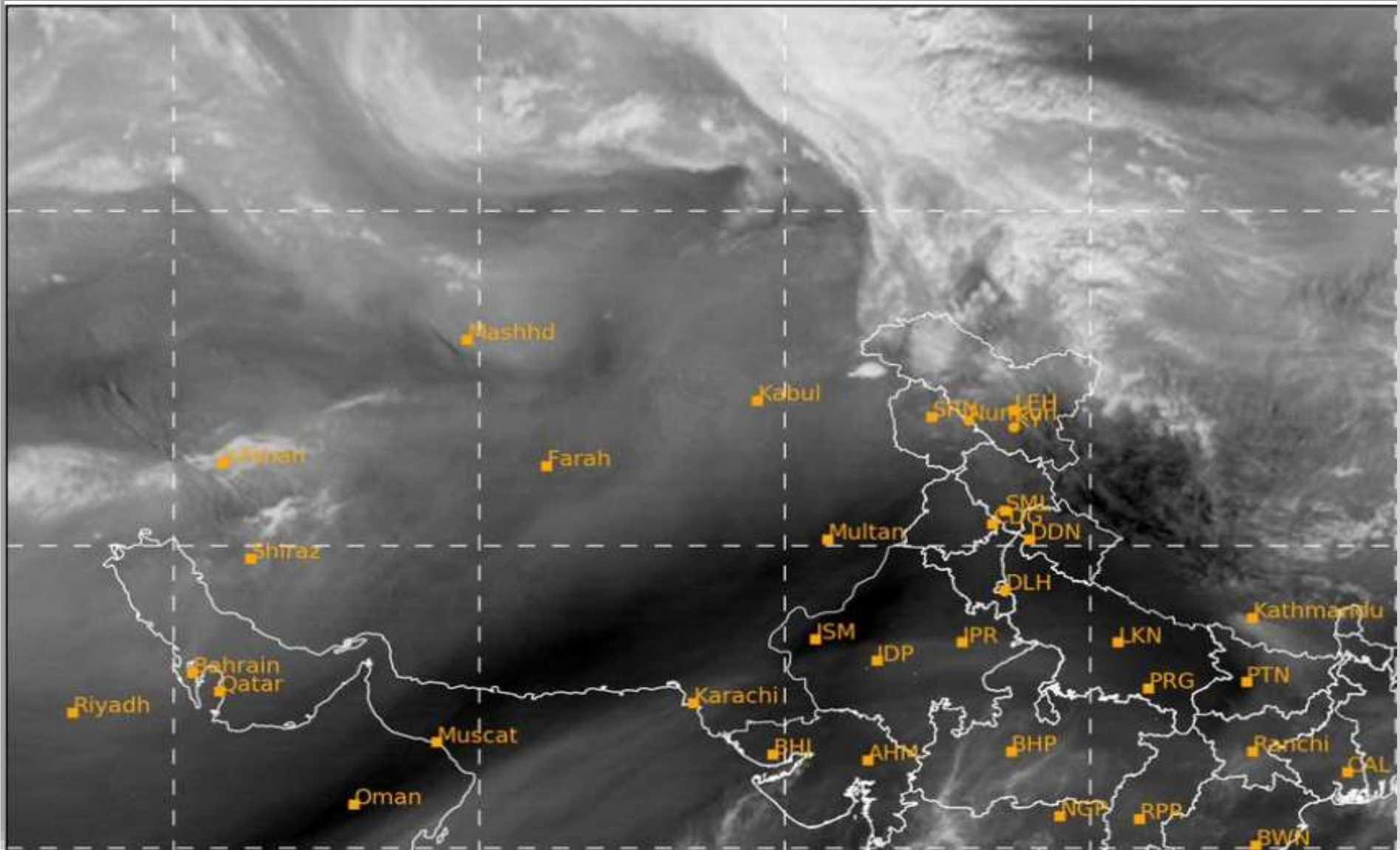
R = VIS (0.83)
G = VIS (0.83)
B = IR (10.8)

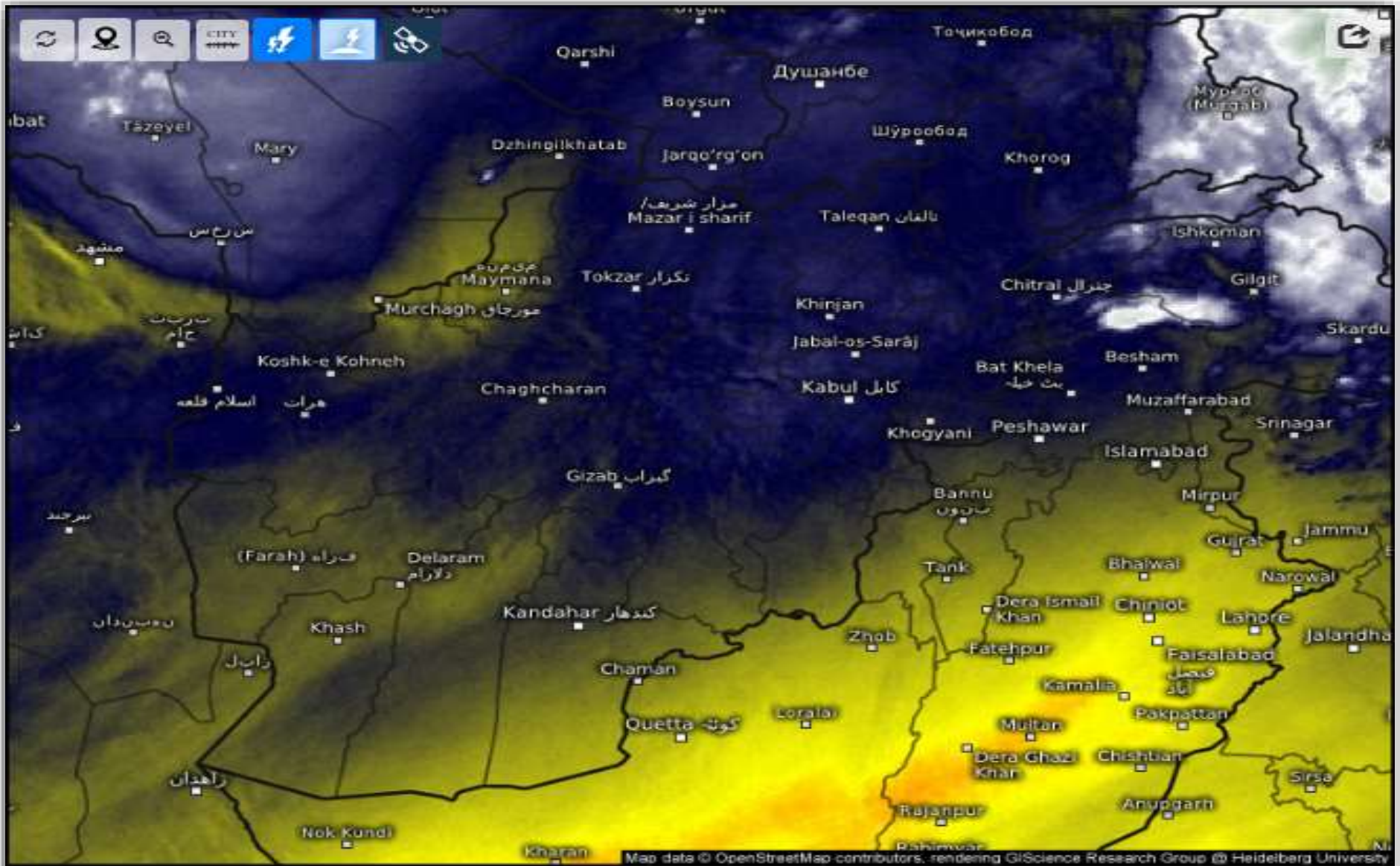
FY-4B CloudsConvection RGB Composite (From WMO)



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

19-05-2026/(0445 to 0511) GMT
19-05-2026/(1015 to 1041) IST





Satellite Water Vapor

Tue 05/19/2026, 10:00am GMT+0430

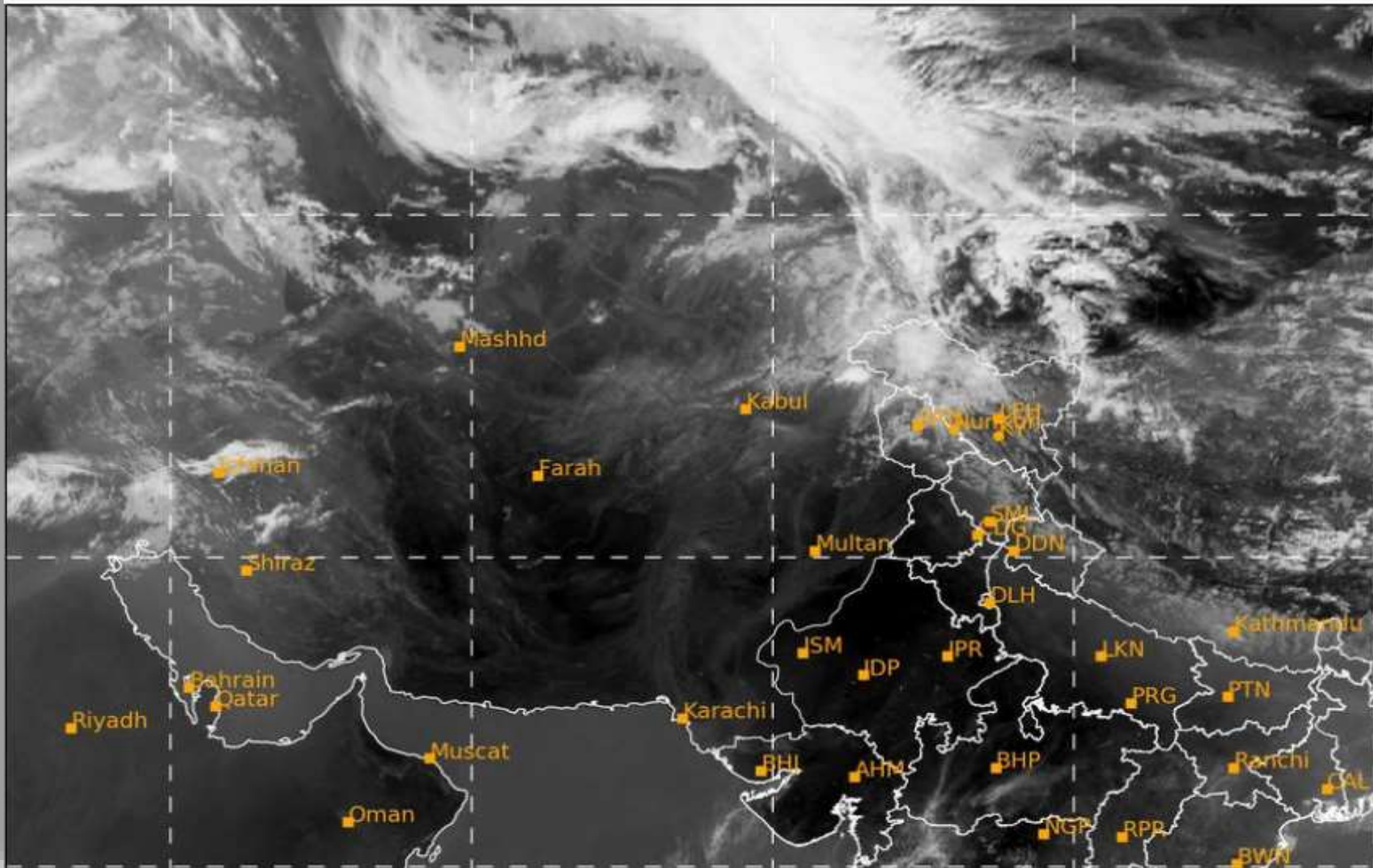


wet/cold

dry/warm

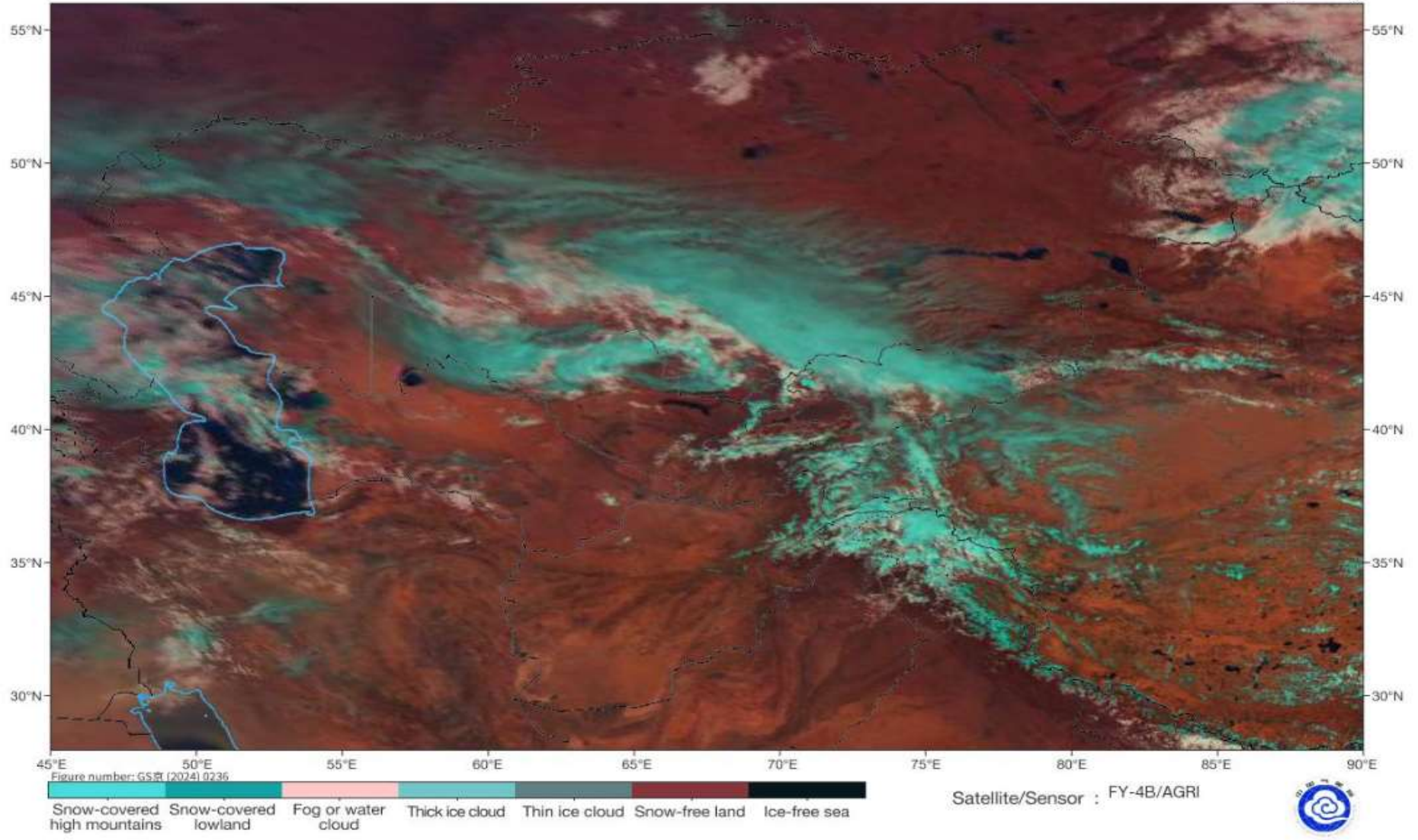
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

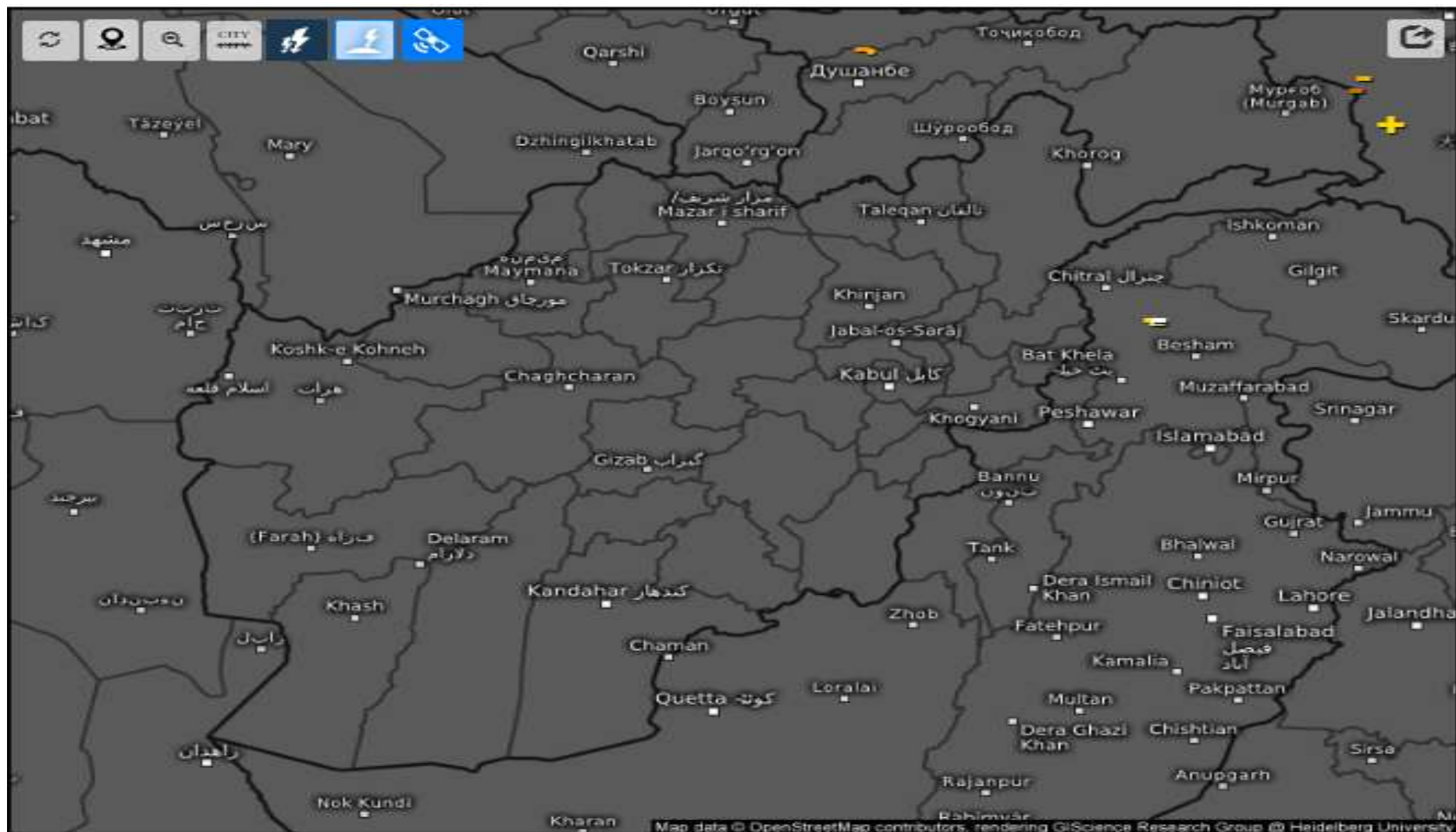
19-05-2026/(0445 to 0511) GMT
19-05-2026/(1015 to 1041) IST



Fog Identification

2026-05-19 05:30(UTC)





Age of lightning (minutes) ⓘ

Tue 05/19/2026, 10:10am GMT+0430

