



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



**Daily reports of Satellite imagery analysis. Date & Time: 03-05-2026, 06:00 UTC**

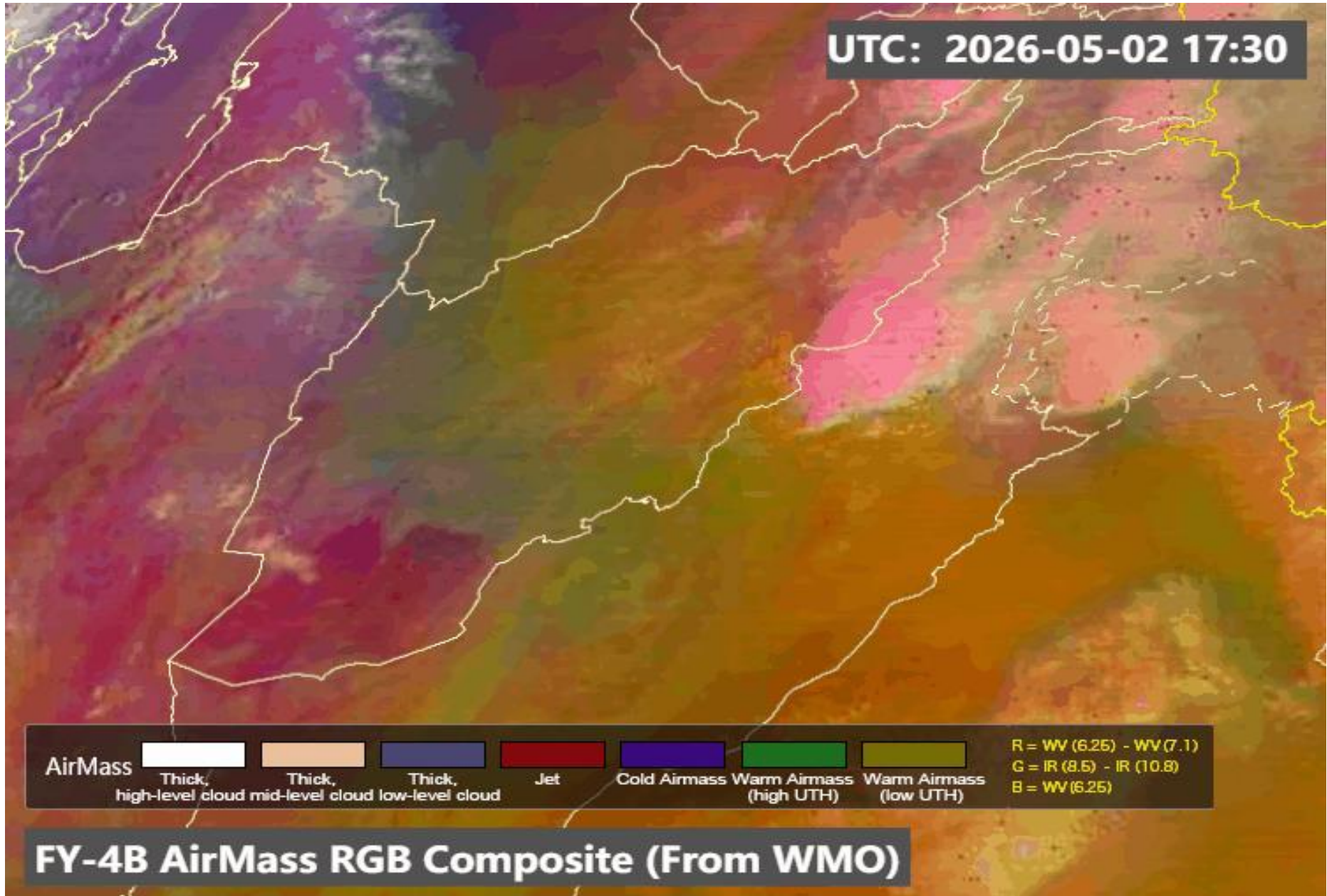
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	✓	✓	X	✓ moderate	X	X	
2	South	✓	X	X	X	X	✓ weak	X	X	
3	West	✓	✓	X	X	X	✓ weak	X		
4	East	✓	X	X	✓	X	✓ moderate	X	X	
5	central	✓	X	X	✓	X	✓ moderate	X	X	
6	Northeast	✓	X	X	✓	✓	✓ moderate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

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

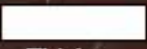
**Not: X (Not existing phenomena) v (existing phenomena)**

**Reported by:** Esmatullah Mohammadi

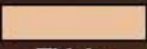
UTC: 2026-05-02 17:30



AirMass



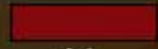
Thick,  
high-level cloud



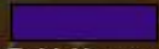
Thick,  
mid-level cloud



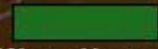
Thick,  
low-level cloud



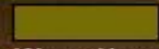
Jet



Cold Airmass



Warm Airmass  
(high UTH)

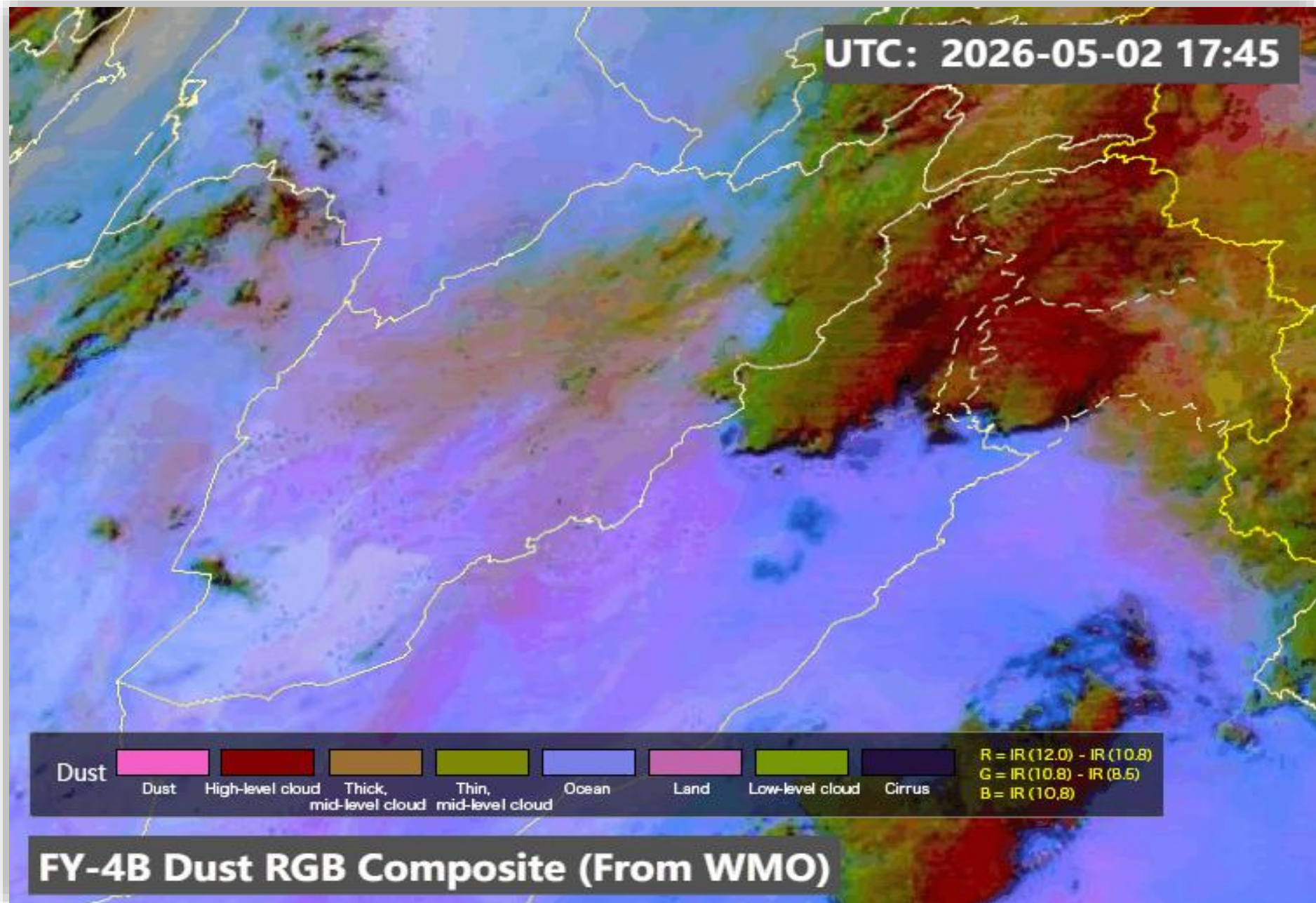


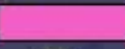





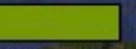
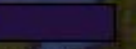
Warm Airmass  
(low UTH)

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: 2026-05-02 17:45

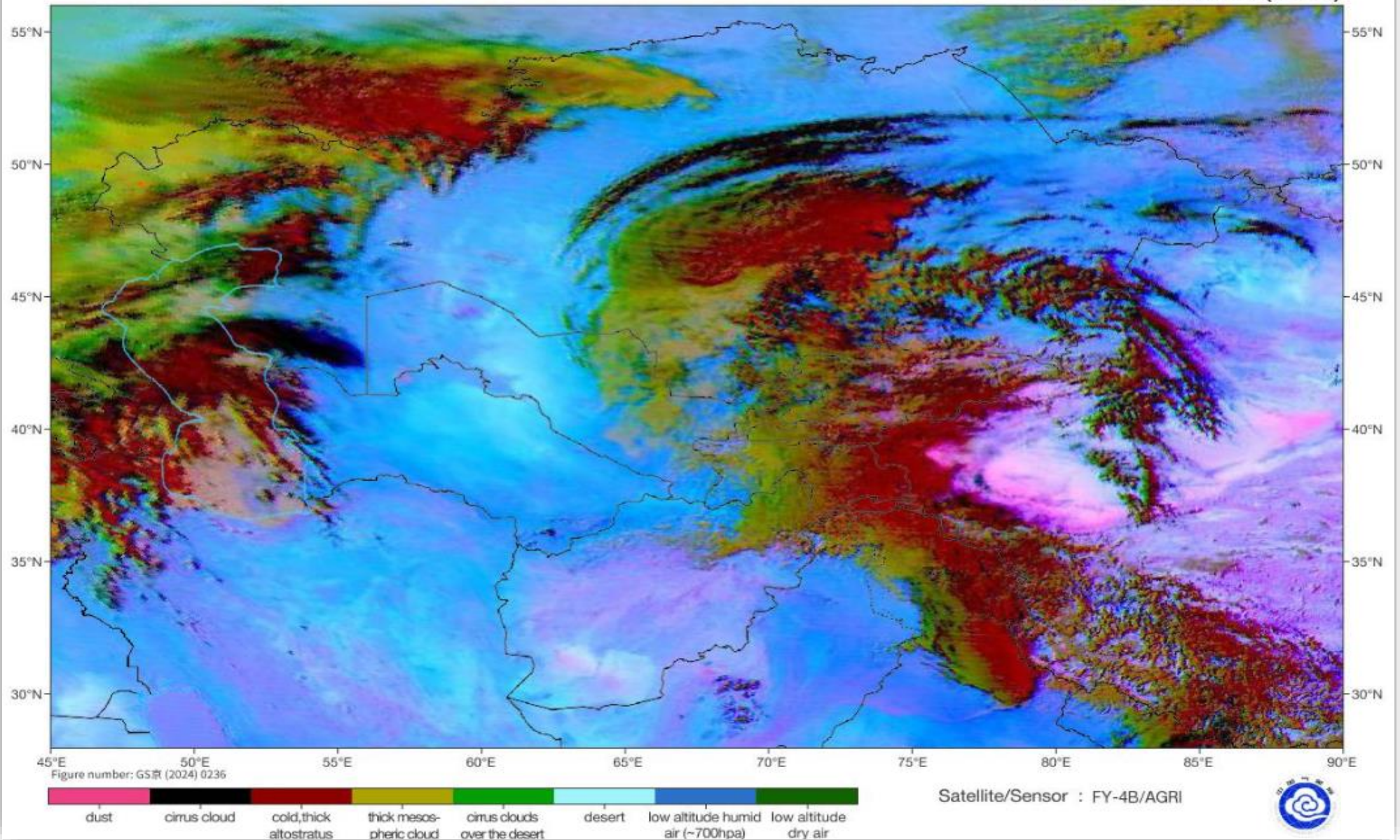


Dust									R = IR (12.0) - IR (10.8)
	Dust	High-level cloud	Thick, mid-level cloud	Thin, mid-level cloud	Ocean	Land	Low-level cloud	Cirrus	G = IR (10.8) - IR (8.5)
									B = IR (10.8)

**FY-4B Dust RGB Composite (From WMO)**

# Sand And Dust Identification

2026-05-03 05:30(UTC)



# Cloud Top Height

2026-05-03 05:00(UTC)

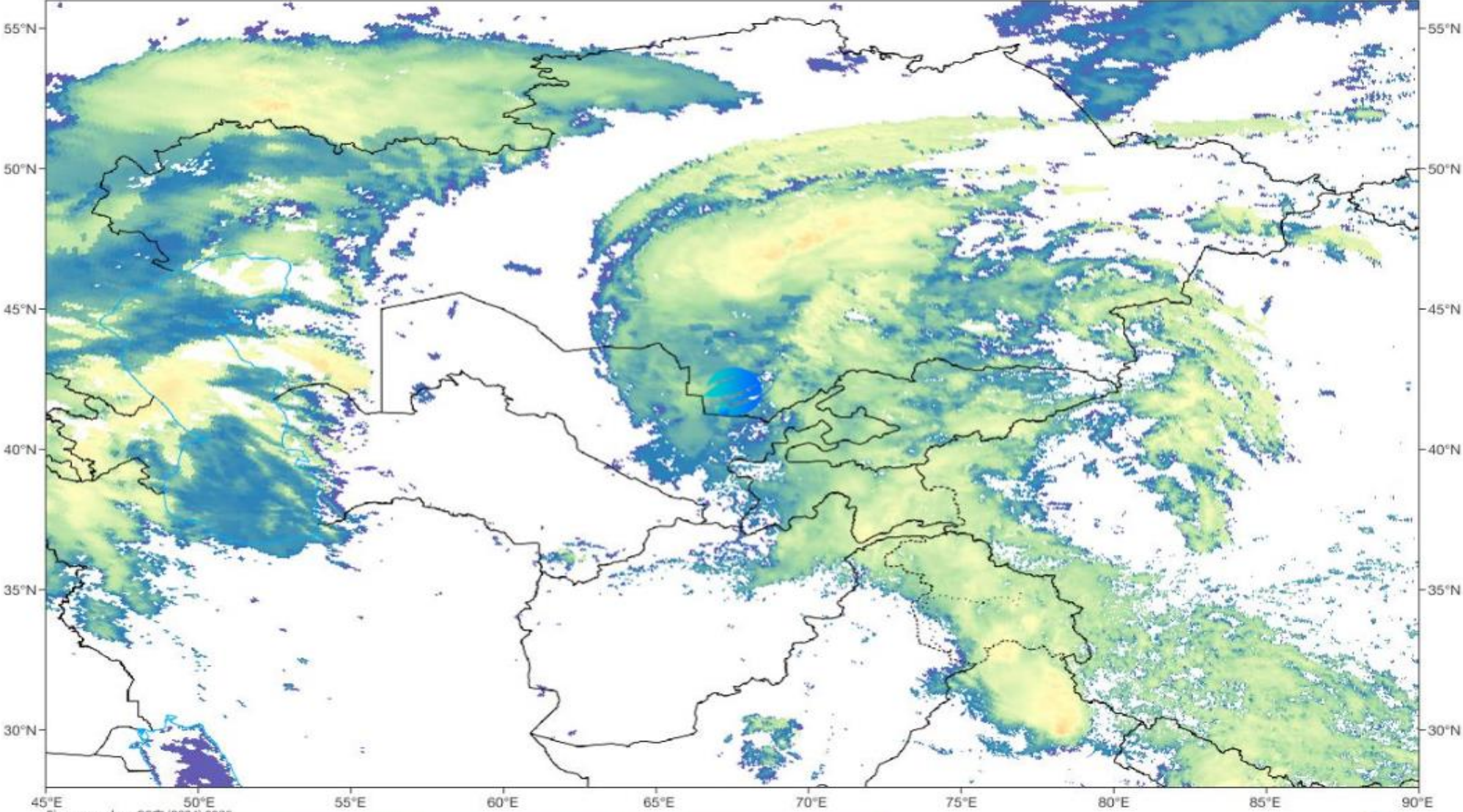


Figure number: GS京 (2024) 0236

CTH 

clear	2	4	6	8	10	12	14	16	18	20
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 km

Satellite/Sensor : FY-4B/AGRI



# Live satellite map, Afghanistan



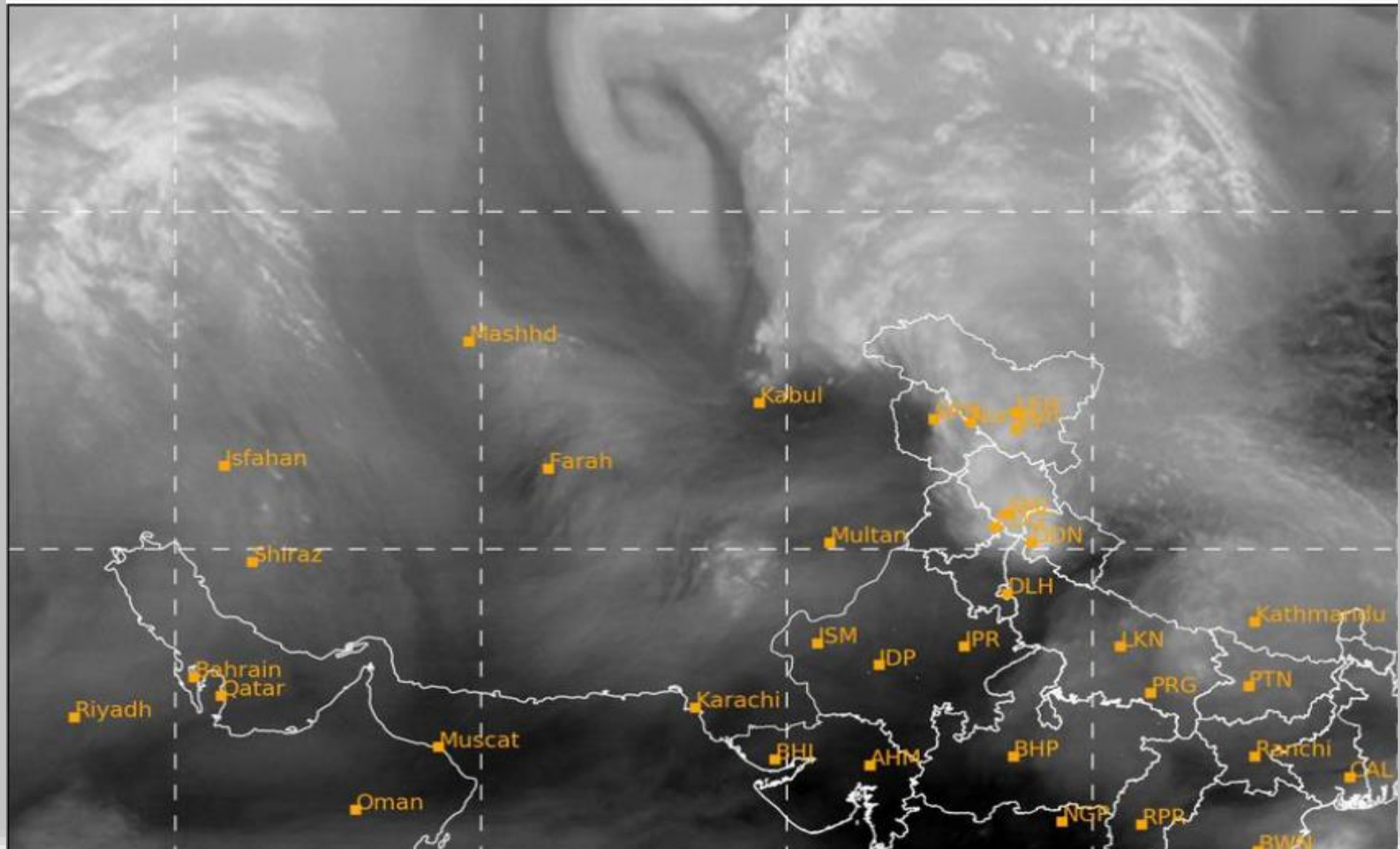
SAT : INSAT-3DR IMG

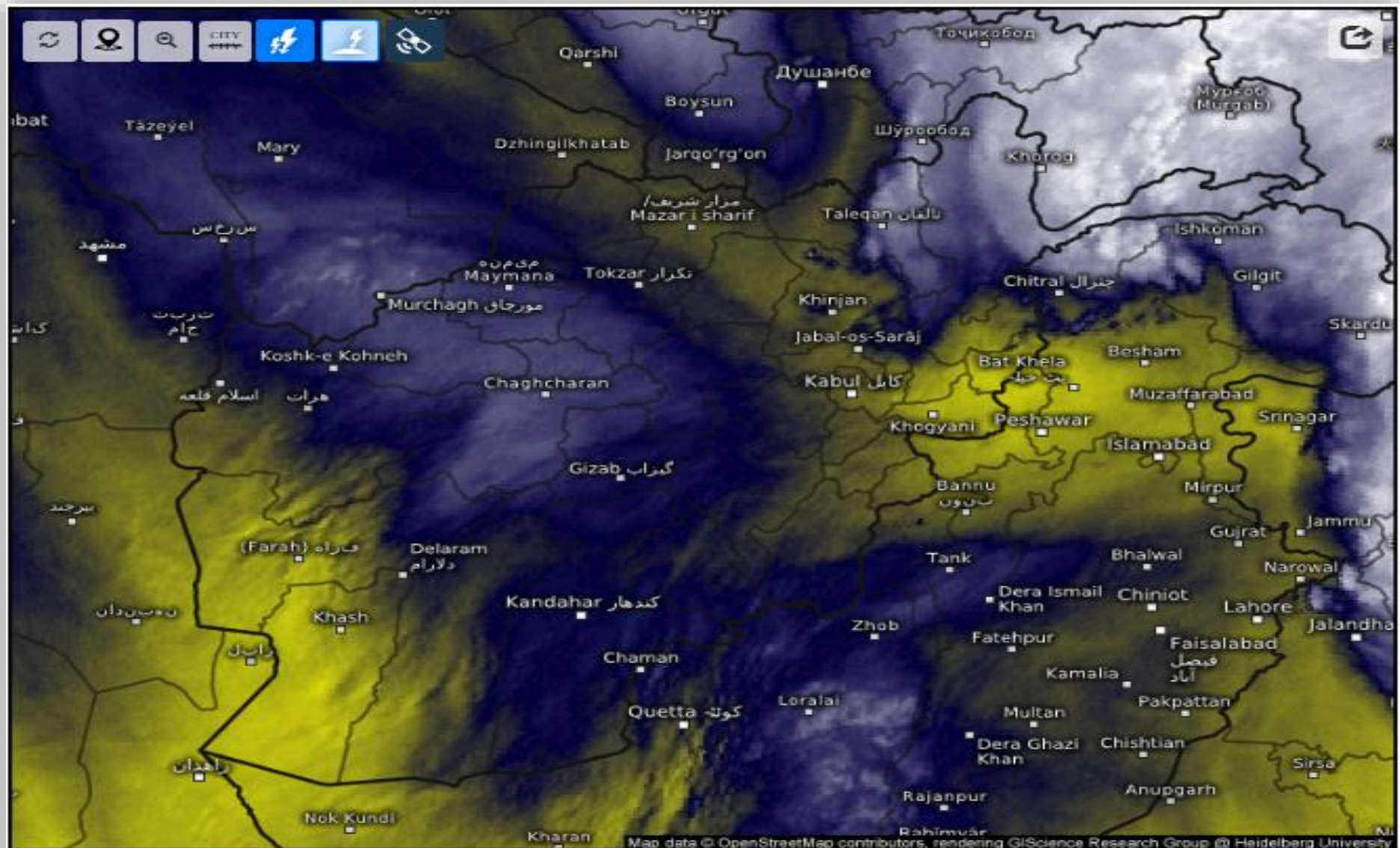
IMG\_WV 6.8 um

L1C Mercator

03-05-2026/(0415 to 0441) GMT

03-05-2026/(0945 to 1011) IST





# Satellite Water Vapor

Sun 05/03/2026, 10:00am GMT+0430

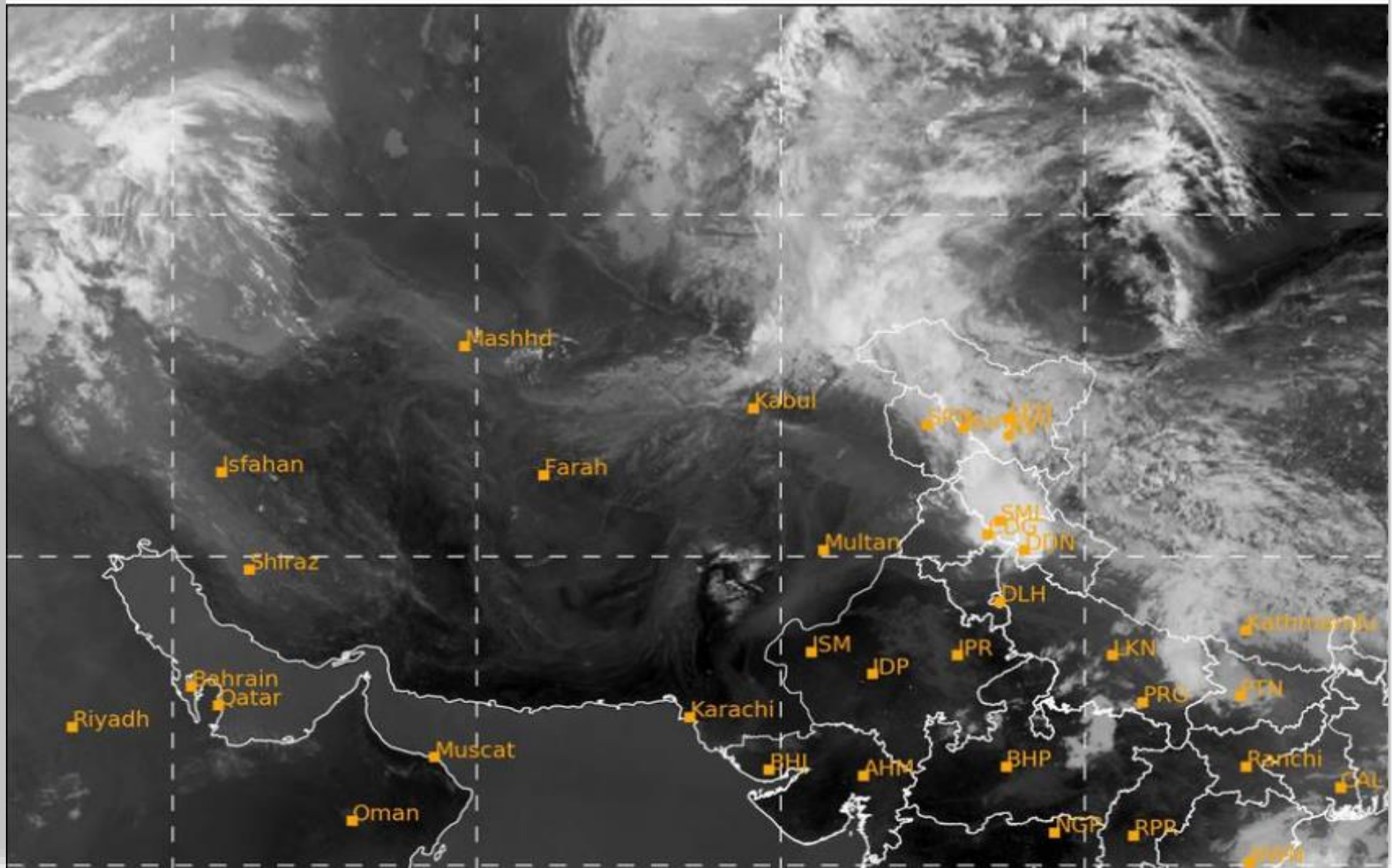


wet/cold

dry/warm

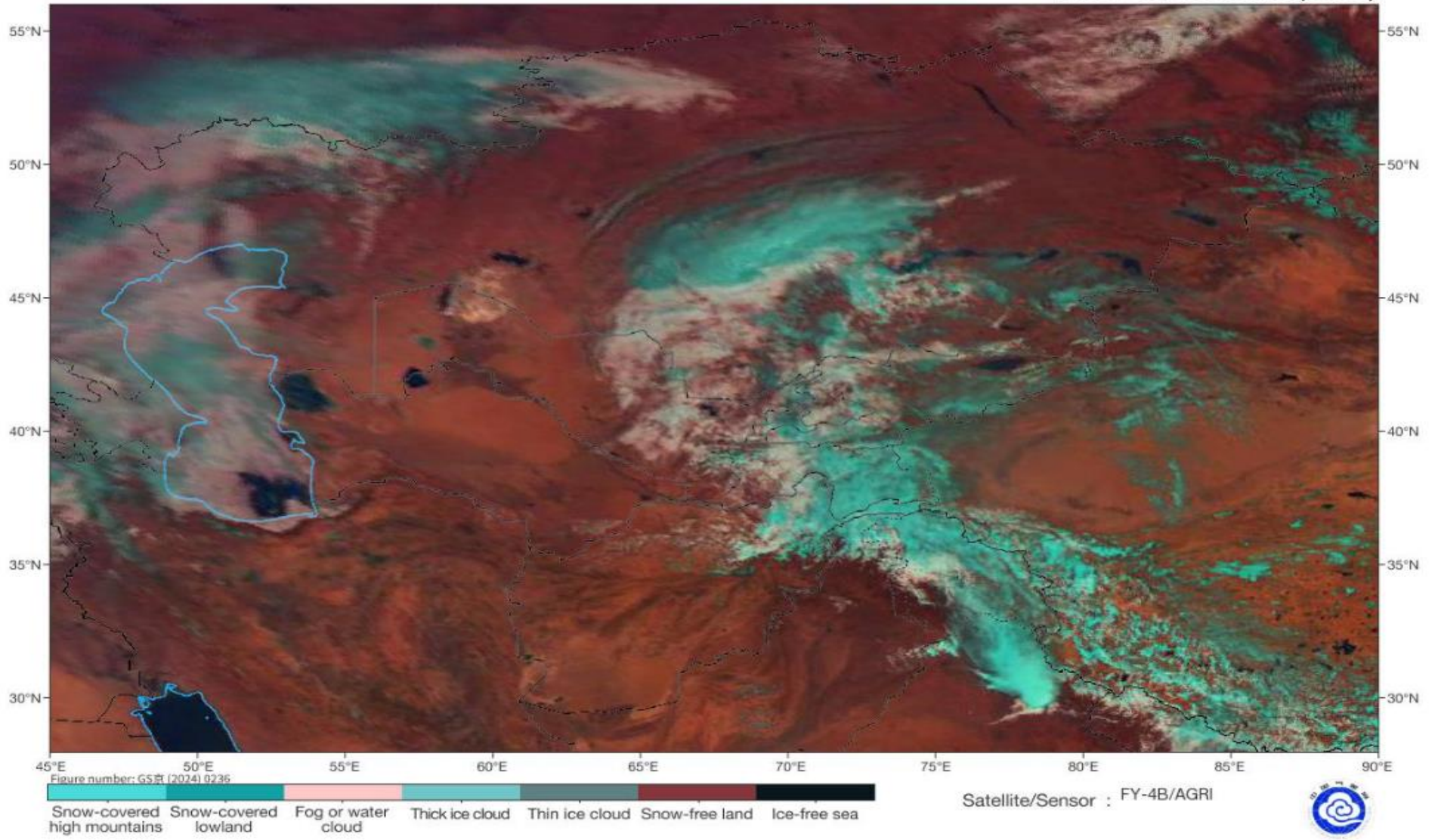
SAT : INSAT-3DR IMG  
IMG\_TIR1 10.8 um  
L1C Mercator

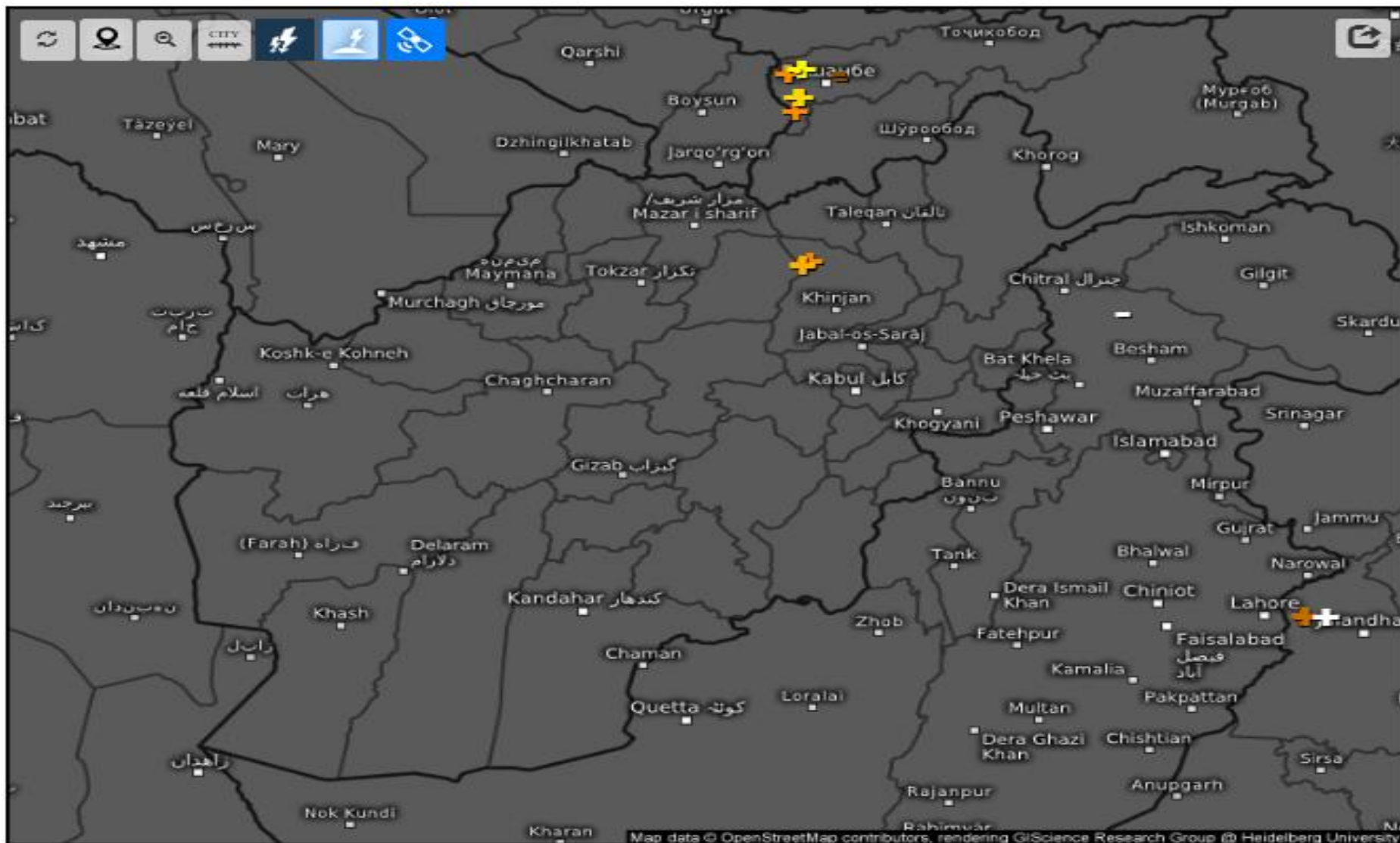
03-05-2026/(0415 to 0441) GMT  
03-05-2026/(0945 to 1011) IST



# Fog Identification

2026-05-03 05:30(UTC)





Age of lightning (minutes) ⓘ

Sun 05/03/2026, 10:25am GMT+0430

