



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



Daily reports of Satellite imagery analysis. Date & Time: 09/08/2025, 03:00 UTC

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

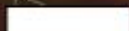
Details: according to satellite imagery analysis the northern, western, eastern, central, northeastern, southeastern and northwestern areas have weak worm air mass. The western, central, northeastern, southeastern and northwestern areas have weak dust. The eastern area has partly cloudy sky. The eastern and southeastern areas have weak water vapor the northern, southern, western, central, northeastern, northwestern and southwestern areas are dry.

Note: X (Not existing phenomena), √ (exist phenomena)

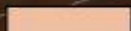
Reported by: Mohammad Jawed Moradi

UTC : 2025-08-09 03:00

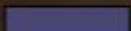
AirMass



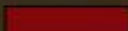
Thick,
high-level cloud



Thick,
mid-level cloud



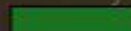
Thick,
low-level cloud



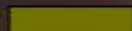
Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

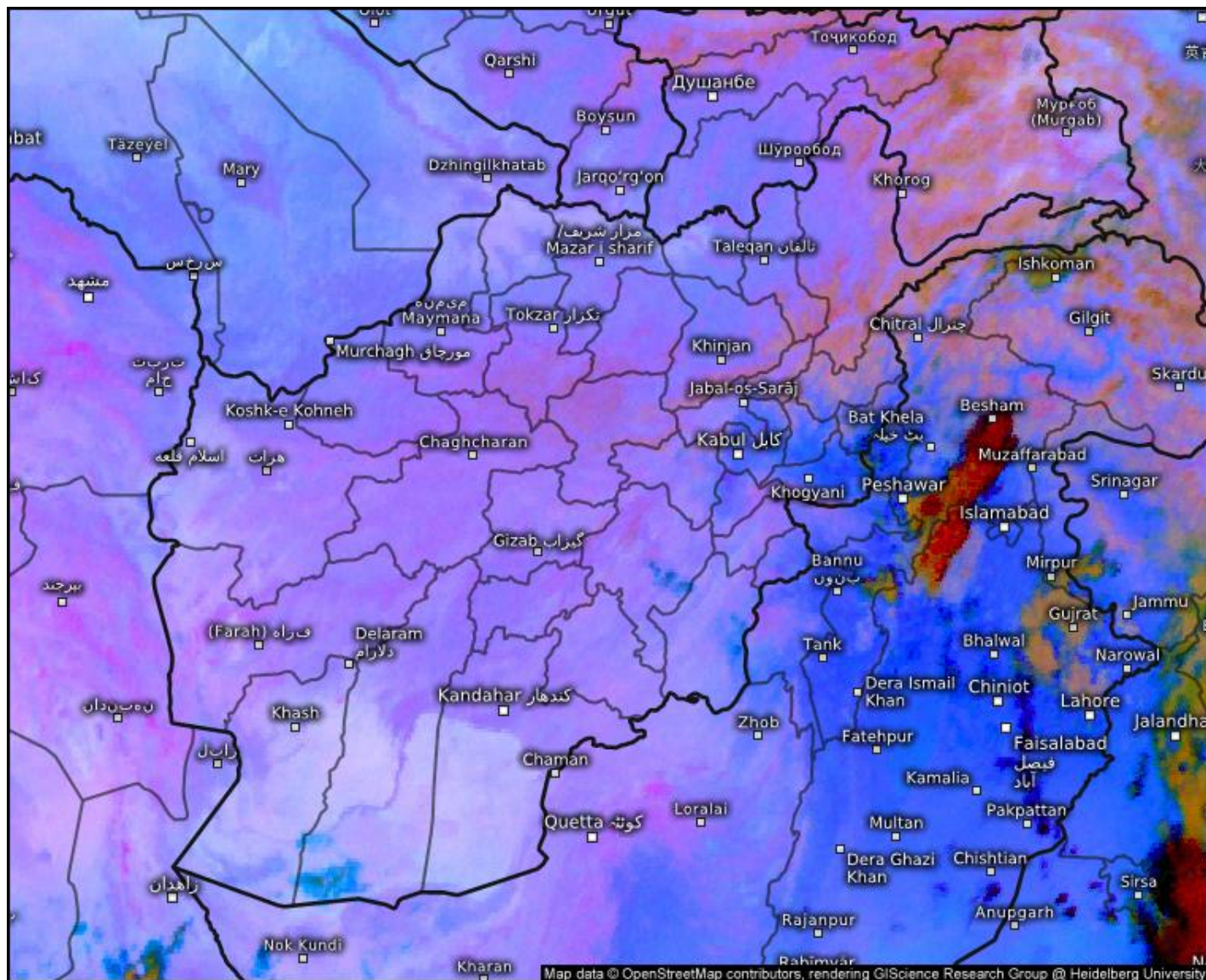
R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.8)

B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)





Satellite Dust

Sat 08/09/2025, 07:30am GMT+0430

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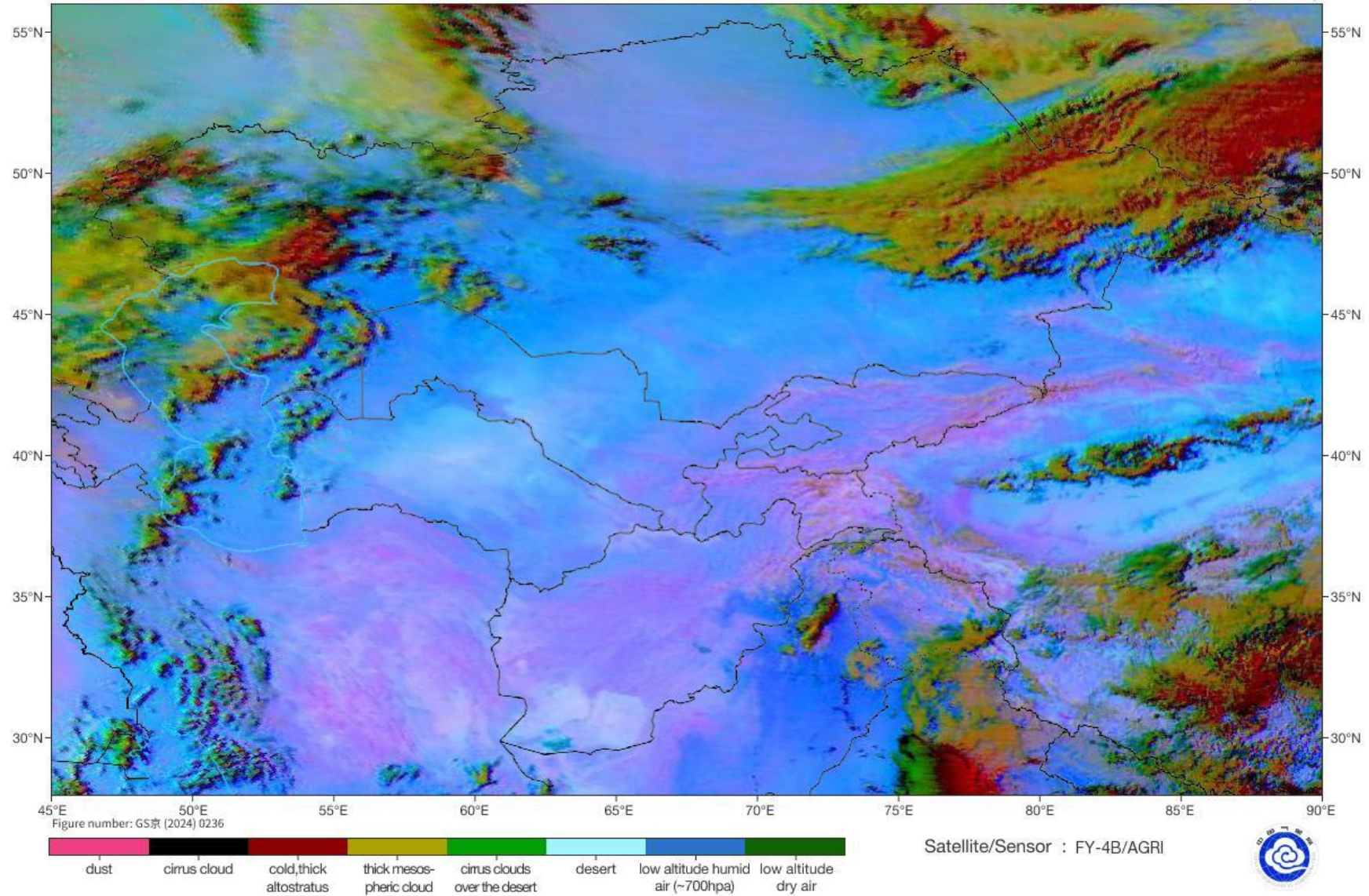
Afghanistan

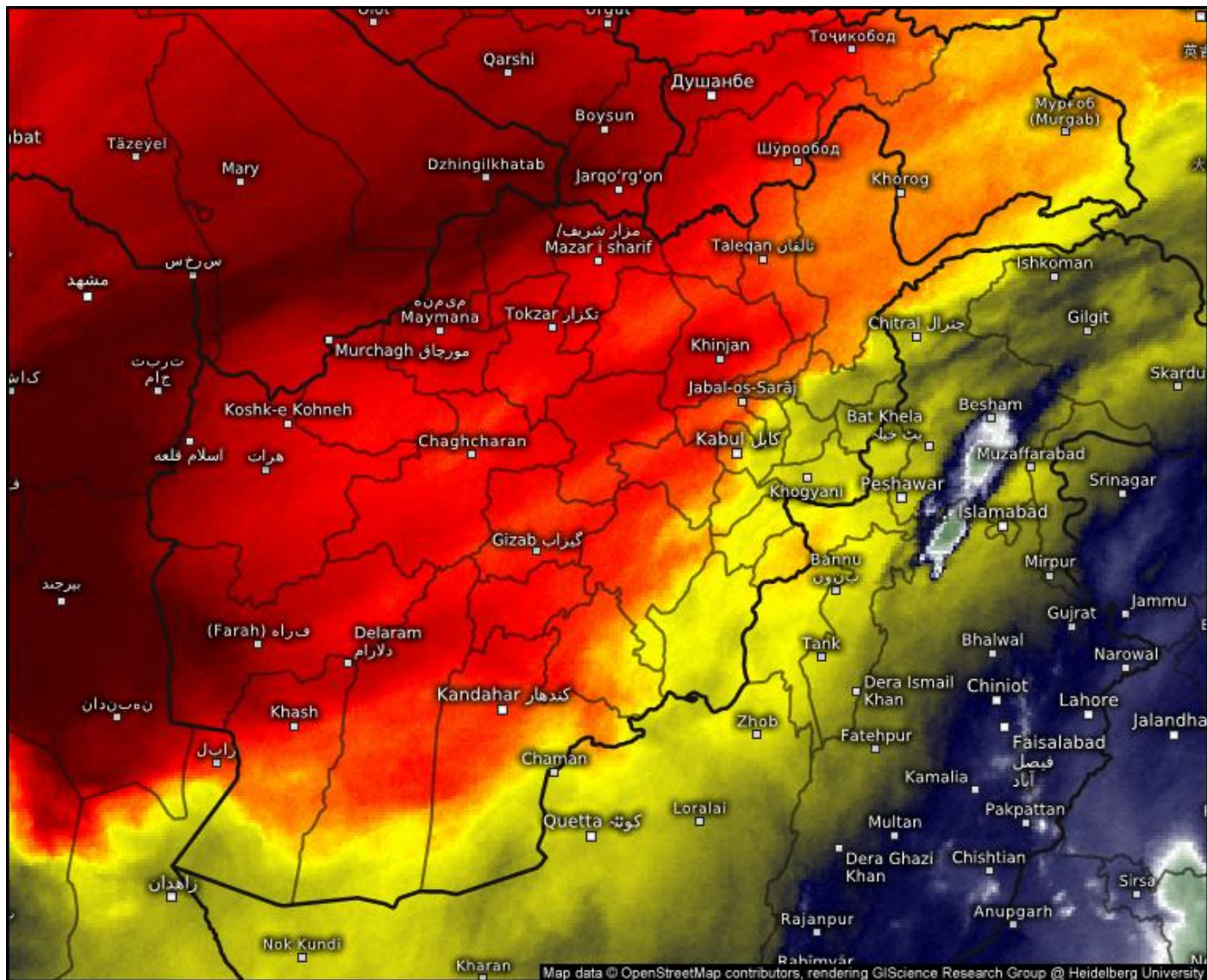
 **meteologix.com**

Satellite data: EUMETSAT

Sand And Dust Identification

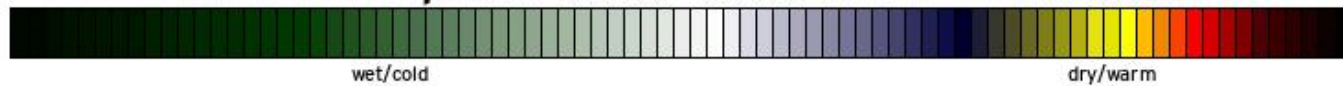
2025-08-09 03:00(UTC)





Satellite Water Vapor

Sat 08/09/2025, 07:30am GMT+0430



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Afghanistan

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Satellite data: EUMETSAT

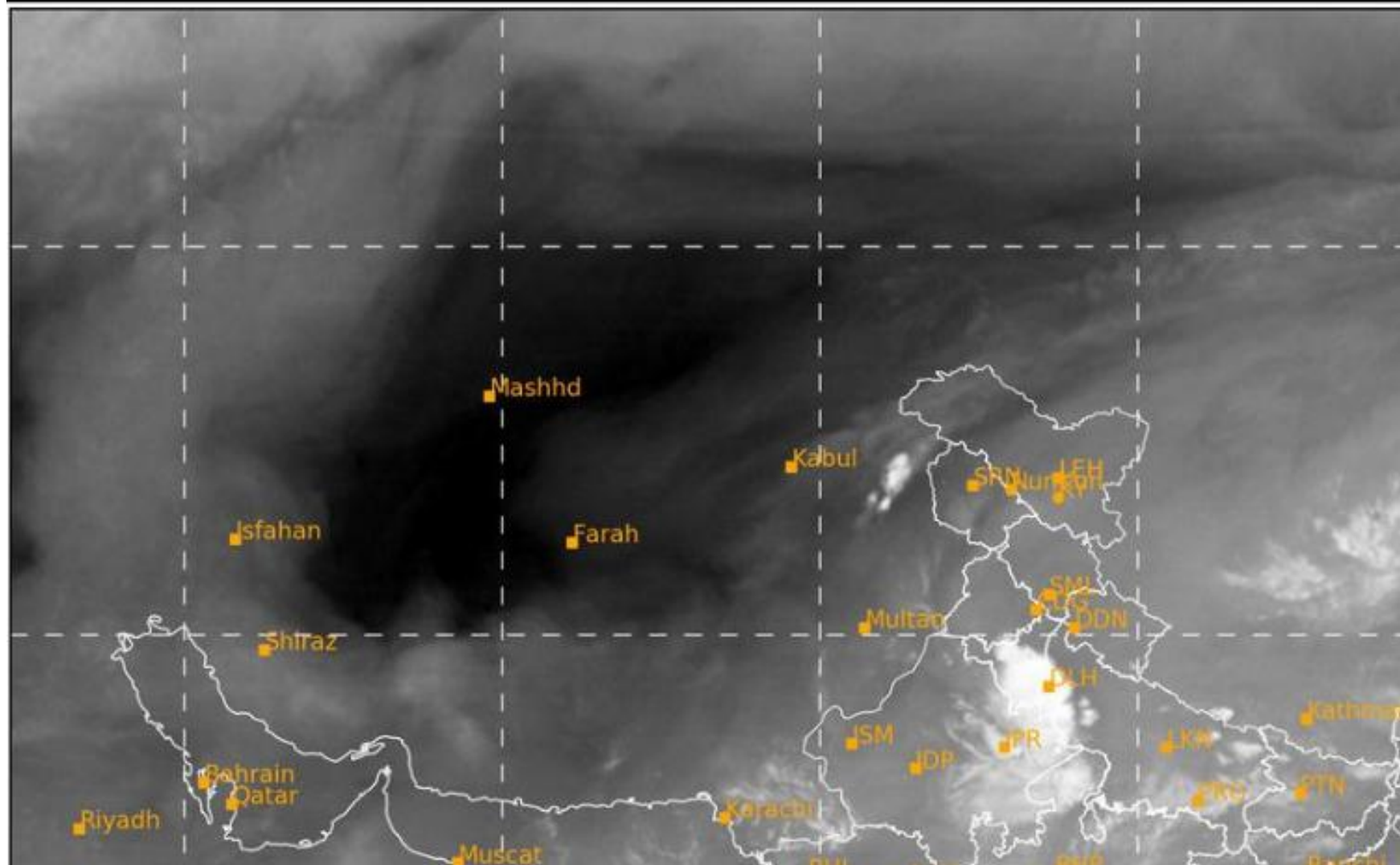
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

09-08-2025/(0215 to 0242) GMT

09-08-2025/(0745 to 0812) IST



SAT : INSAT-3DR IMG

IMG TIR1 10.8 um

L1C Mercator

09-08-2025/(0215 to 0242) GMT

09-08-2025/(0745 to 0812) IST

