



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



Daily reports of Satellite imagery analysis. Date & Time: 17/08/2025, 09:00 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	√ weak	X	X	
3	West	✓	✓	X	X	X	√ dry	X	X	
4	East	✓	X	X	✓	X	√ weak	X	X	
5	central	✓	✓	X	✓	X	√ weak	X	X	
6	Northeast	✓	X	X	✓	X	√ weal	X	X	
7	Southeast	✓	X	X	X	X	√ weak	X	X	
8	Northwest	✓	✓	X	X	X	√ dry	X	X	
9	Southwest	X	✓	X	X	X	√ weak	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, northwest and southwestern areas have dust. The eastern, central and northeastern areas have partly cloudy sky. The southern, eastern, central, northeastern, southeastern and southwestern areas have weak water vapor the northern, western and northwestern are dry.

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

Reported by: Mohammad Jawed Moradi

UTC : 2025-08-17 08:45

AirMass

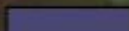


Thick,
high-level cloud



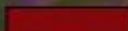
Thick,

mid-level cloud

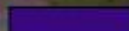


Thick,

low-level cloud



Jet

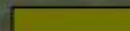


Cold Airmass



Warm Airmass

(high UTH)



Warm Airmass

(low UTH)

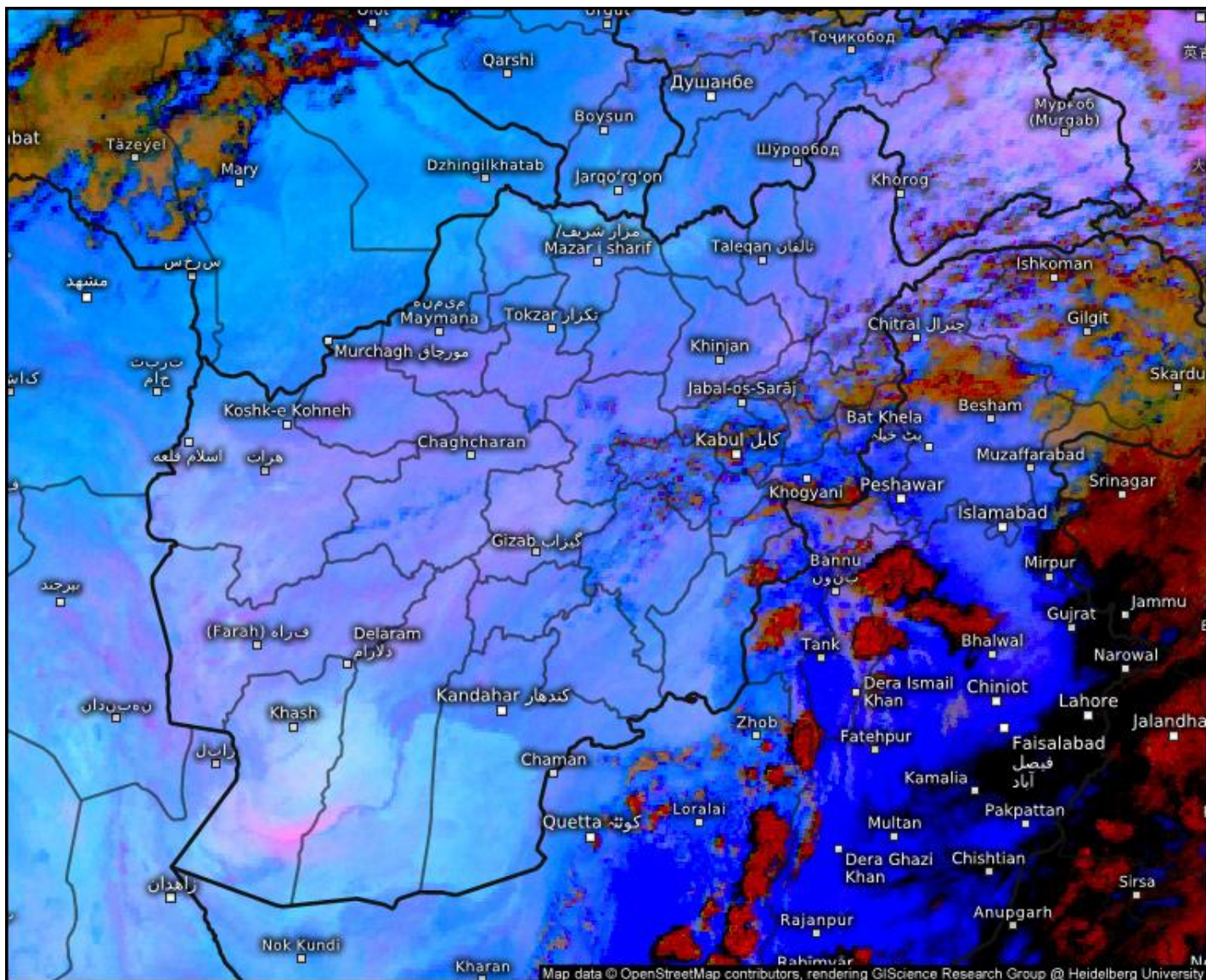
R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.8)

B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)





Satellite Dust

Sun 08/17/2025, 01:30pm GMT+0430

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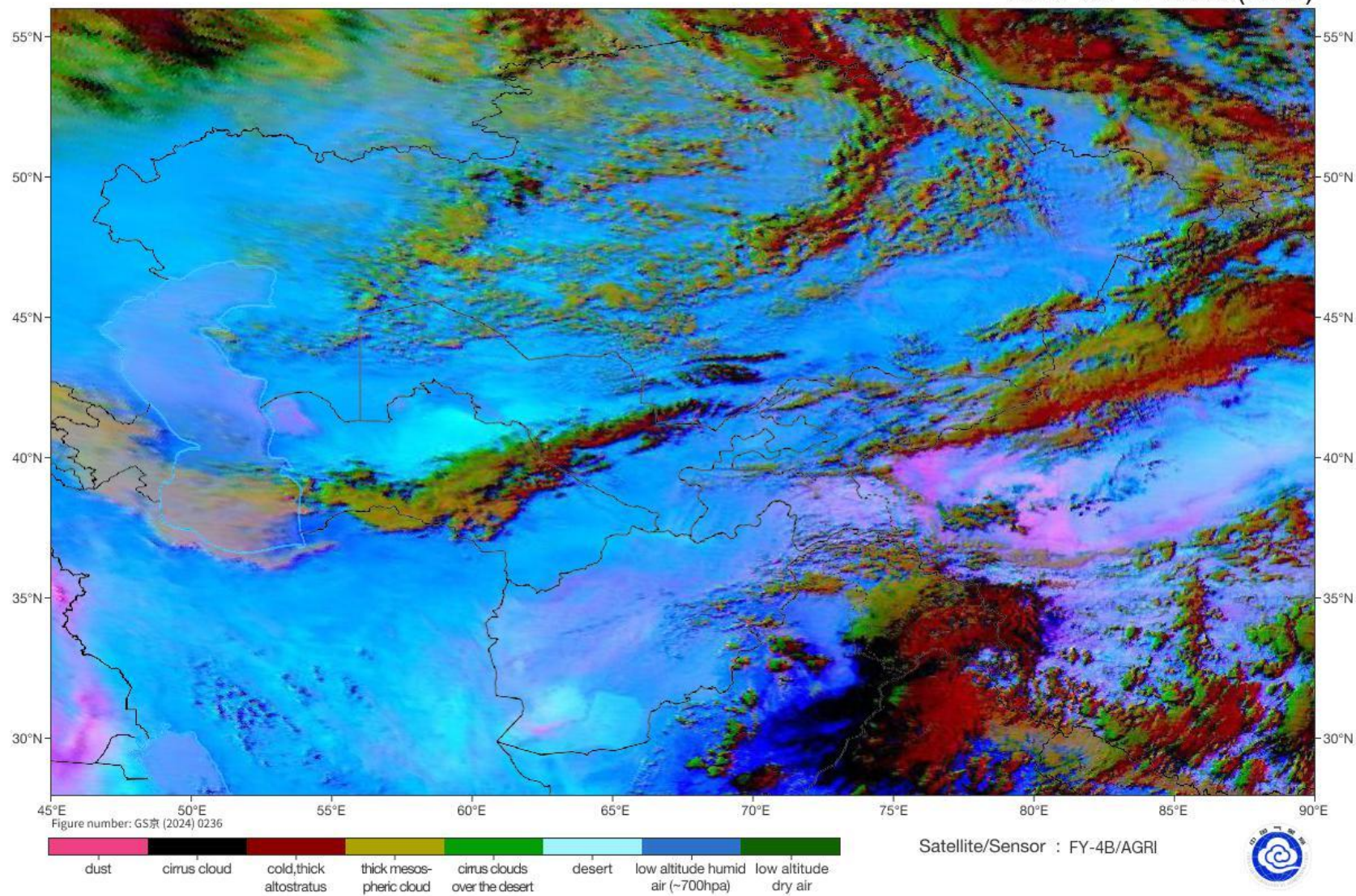
Afghanistan

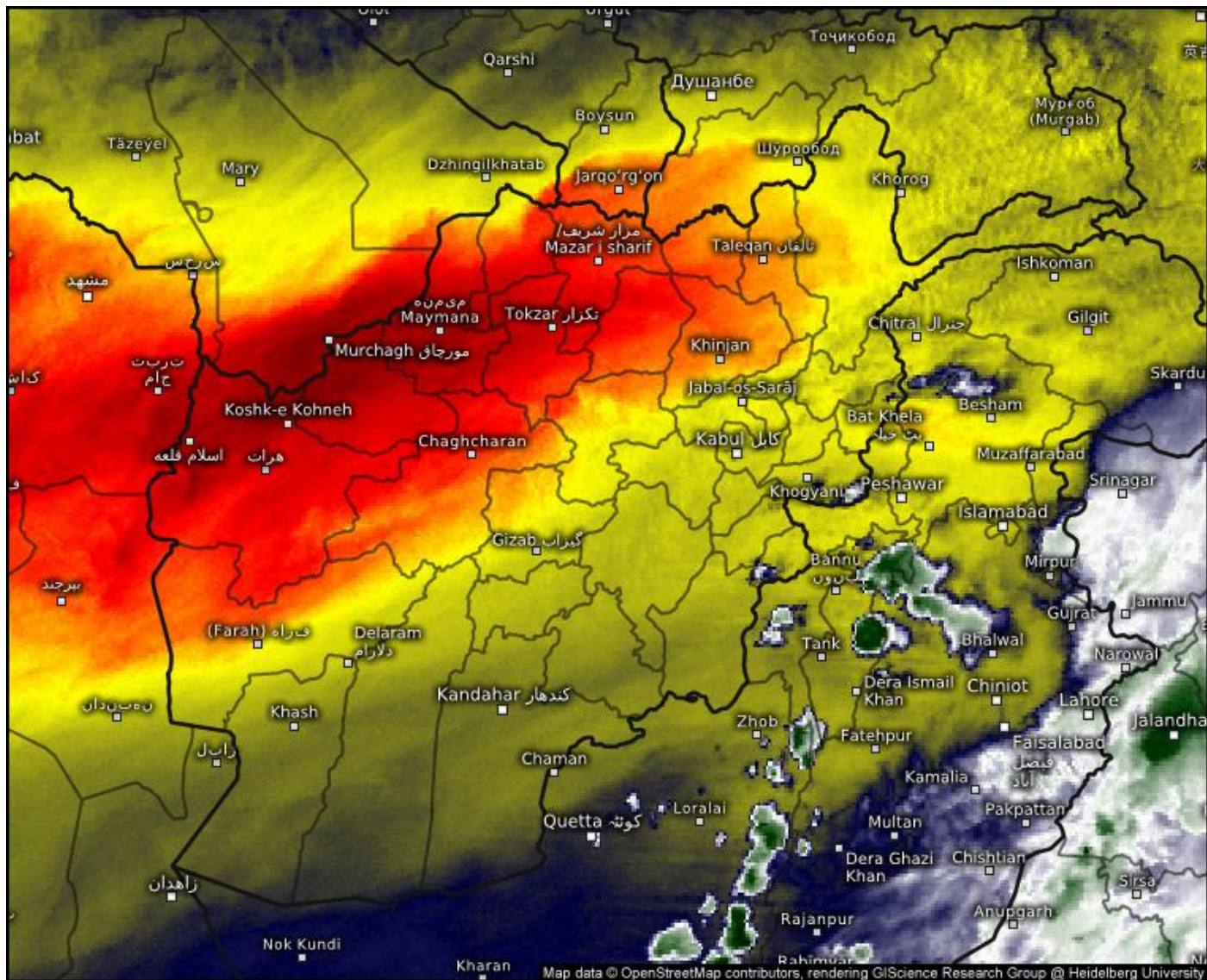
meteologix.com

Satellite data: EUMETSAT

Sand And Dust Identification

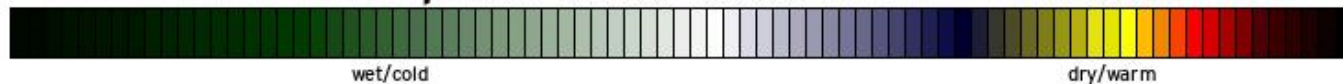
2025-08-17 09:00(UTC)





Satellite Water Vapor

Sun 08/17/2025, 01:30pm GMT+0430



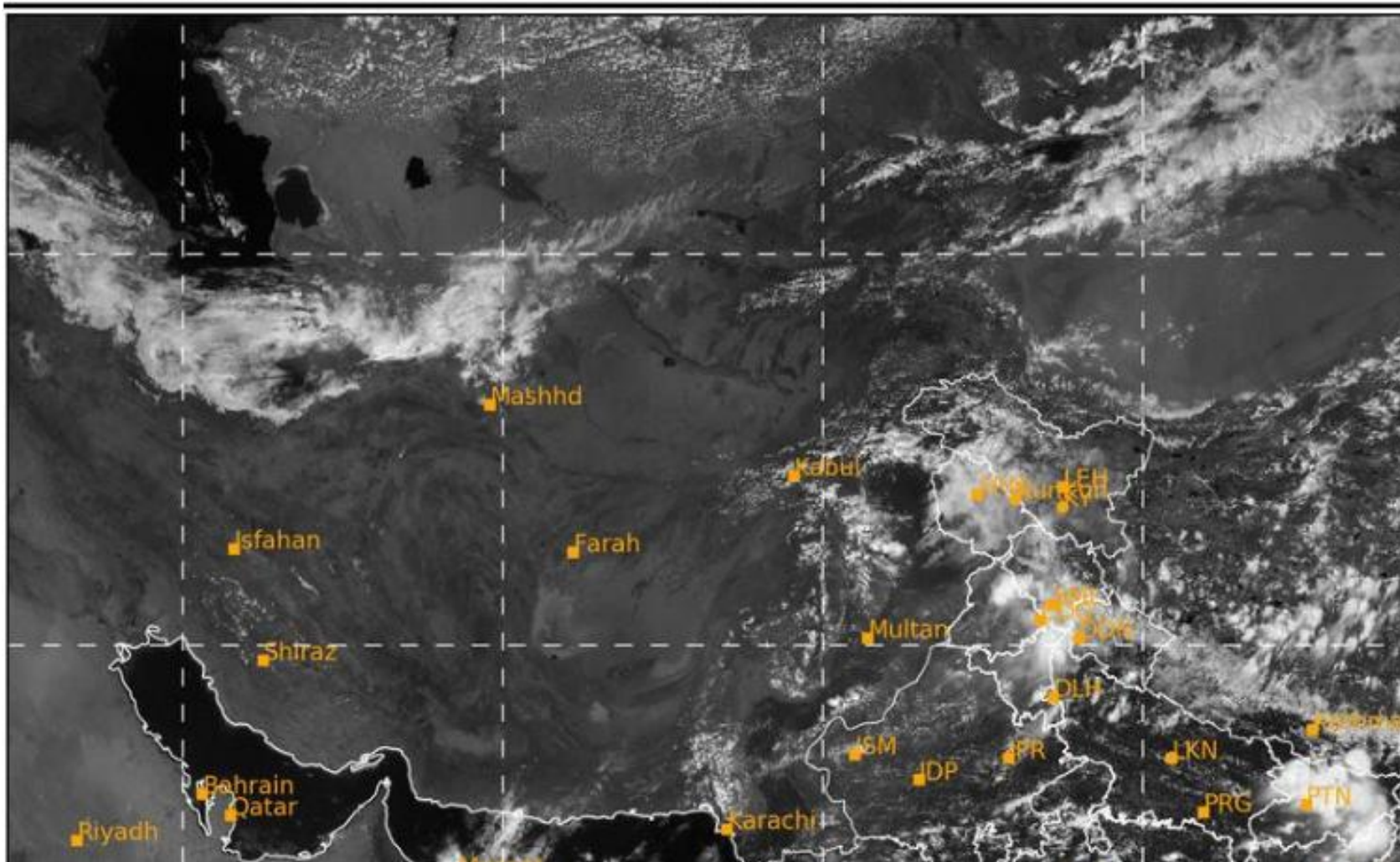
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Satellite data: EUMETSAT

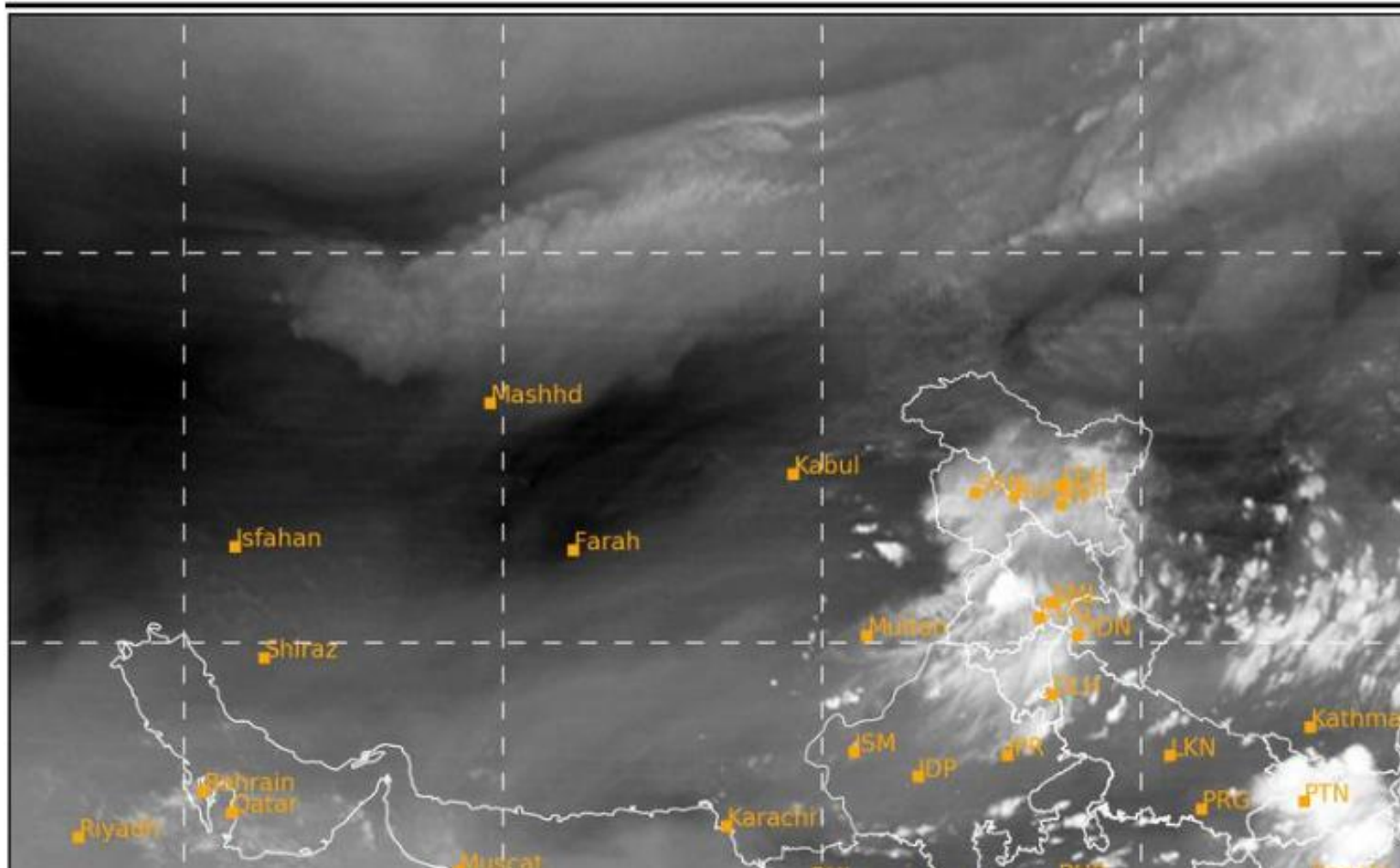
+

+



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

17-08-2025/(0745 to 0812) GMT
17-08-2025/(1315 to 1342) IST





Cloud Top Height

2025-08-17 08:45(UTC)

