



**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, 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	✓	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	

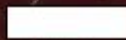
**Details:** according to satellite imagery analysis the northern, western, central, northeastern, southeastern and northwestern areas have weak worm air mass. The western, central, northeastern, southeastern and northwestern areas have weak dust. The eastern area has partly cloudy sky. The southern, eastern and southeastern areas have weak water vapor the northern, 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 09:00

AirMass



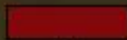
Thick,  
high-level cloud



Thick,  
mid-level cloud



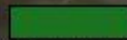
Thick,  
low-level cloud



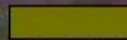
Jet



Cold Airmass



Warm Airmass  
(high UTH)



Warm Airmass  
(low UTH)

R = WV (6.25) - WV (7.1)

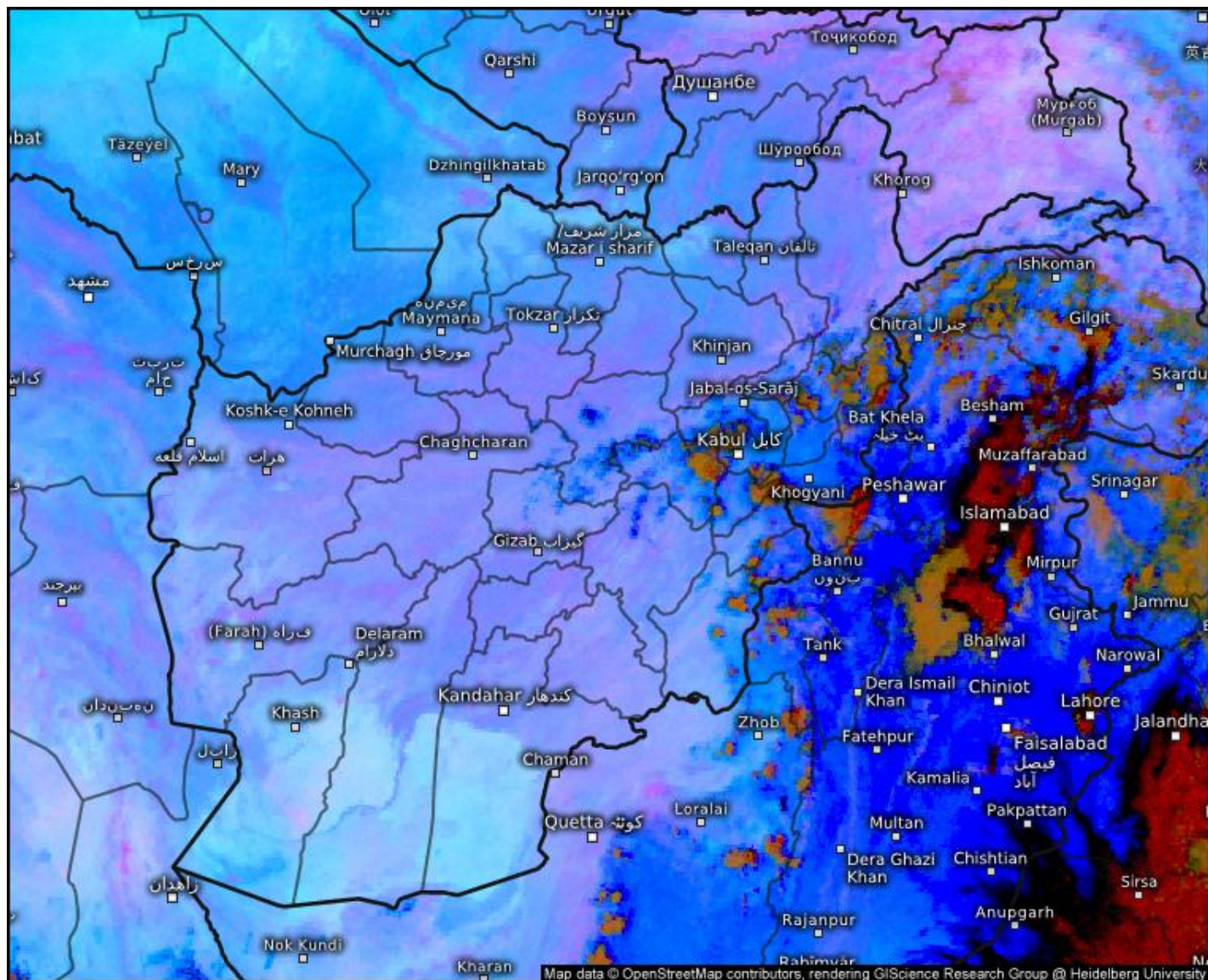
G = IR (8.5) - IR (10.8)

B = WV (6.25)

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







## Satellite Dust

Sat 08/09/2025, 01:30pm GMT+0430

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Afghanistan

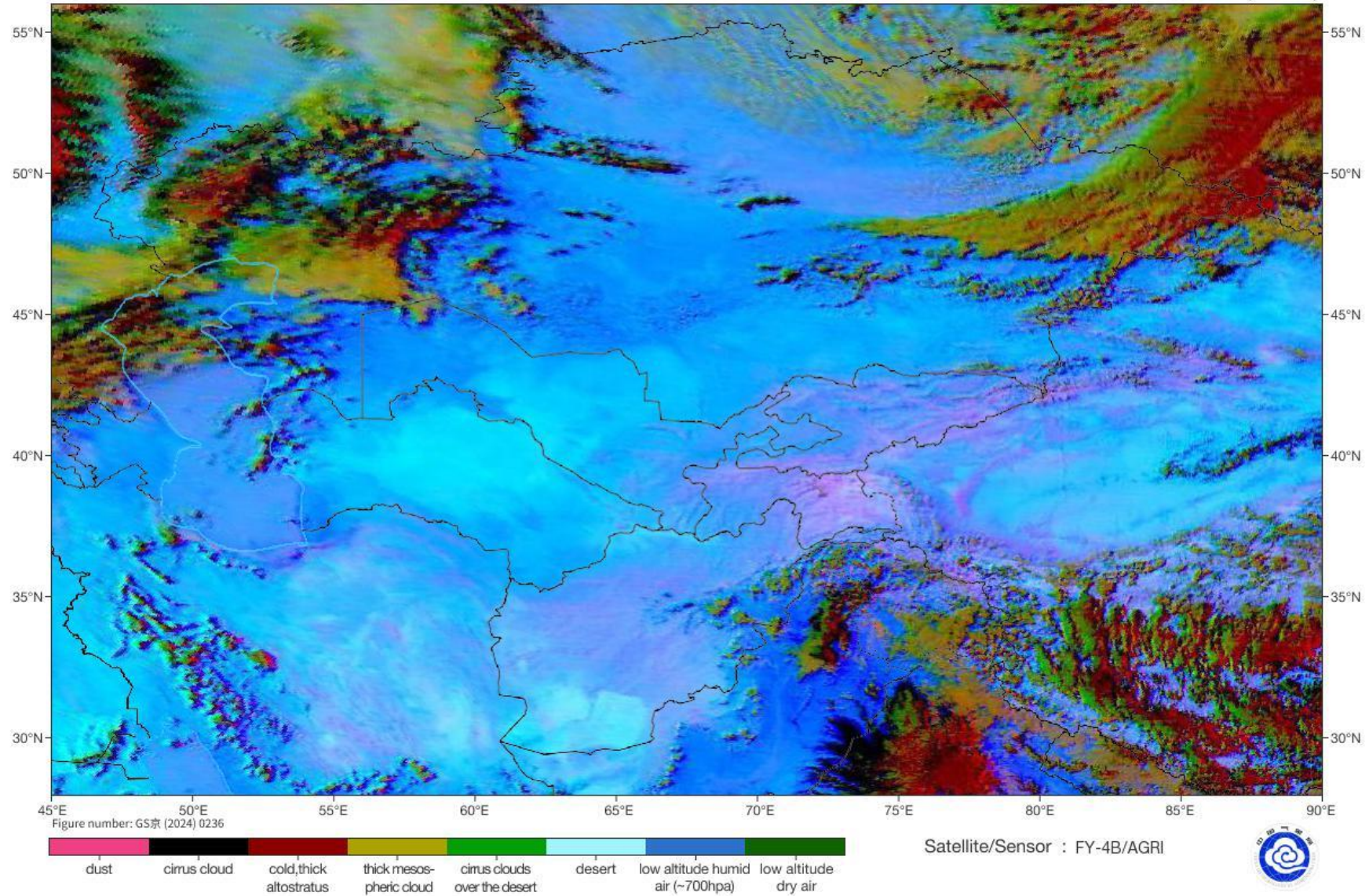
meteologix.com

Satellite data: EUMETSAT

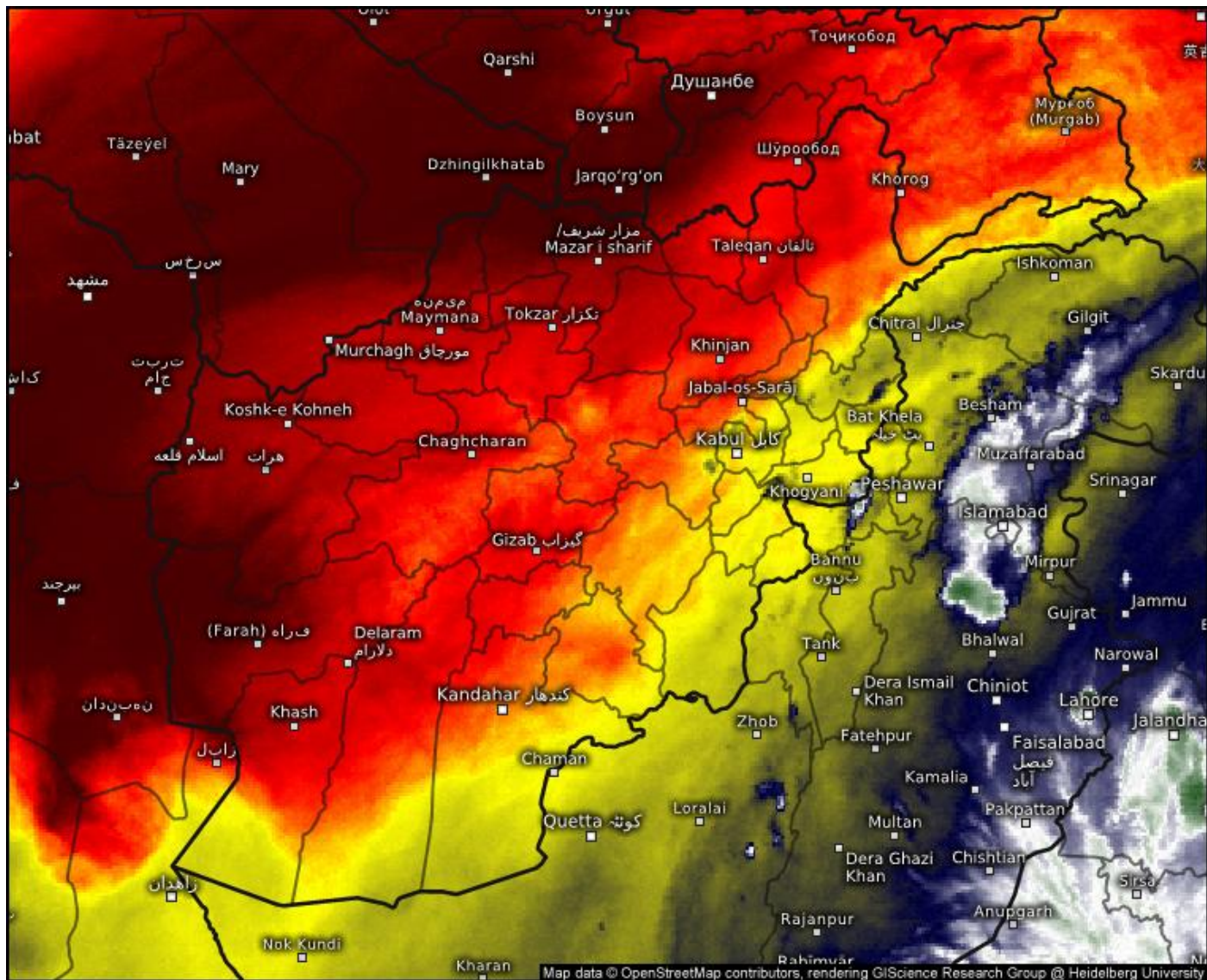


# Sand And Dust Identification

2025-08-09 09:00(UTC)

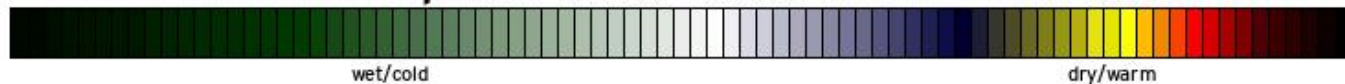






## Satellite Water Vapor

Sat 08/09/2025, 01:30pm GMT+0430



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Afghanistan

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Satellite data: EUMETSAT

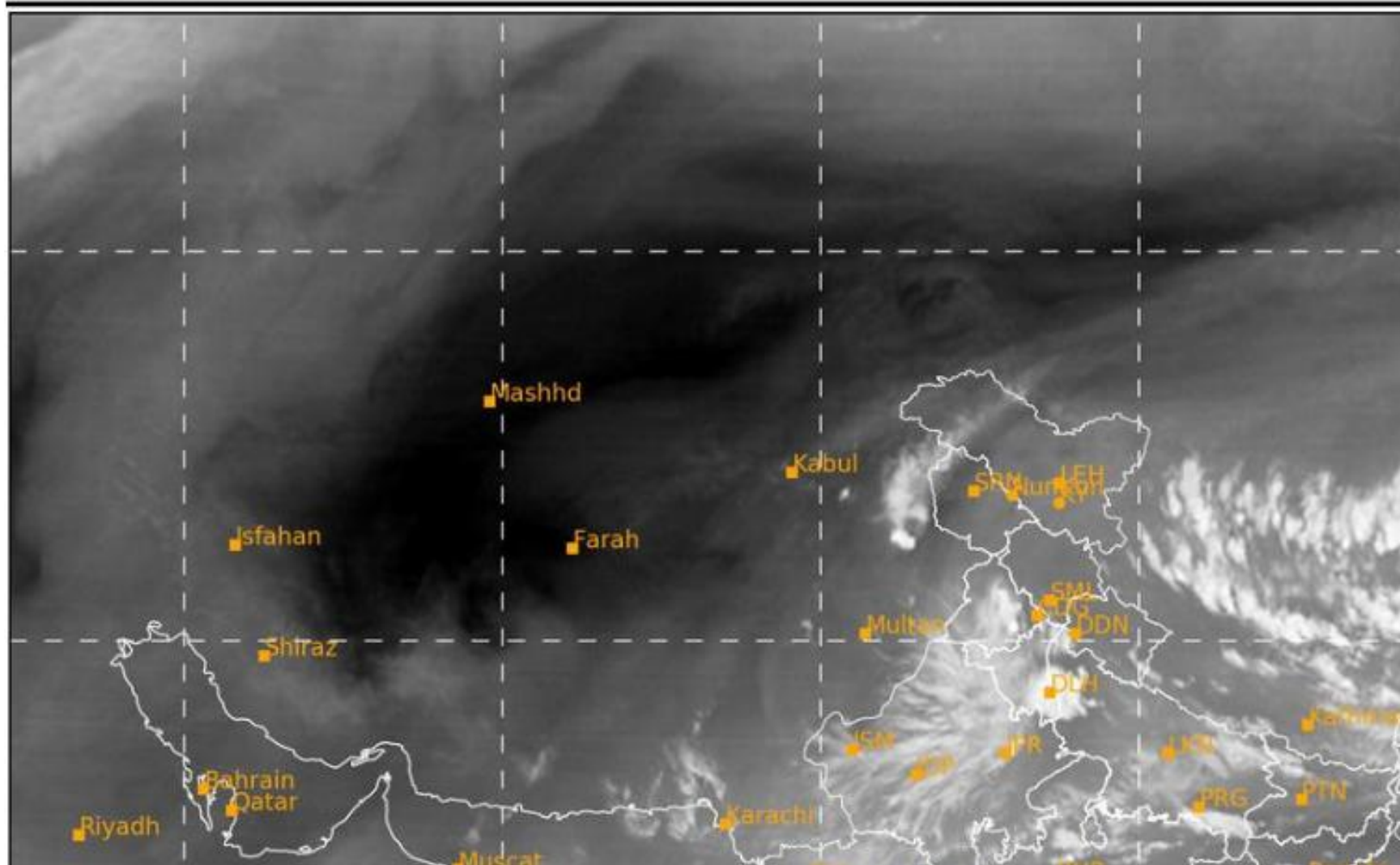
SAT : INSAT-3DR IMG

IMG\_WV 6.8 um

L1C Mercator

09-08-2025/(0815 to 0842) GMT

09-08-2025/(1345 to 1412) IST





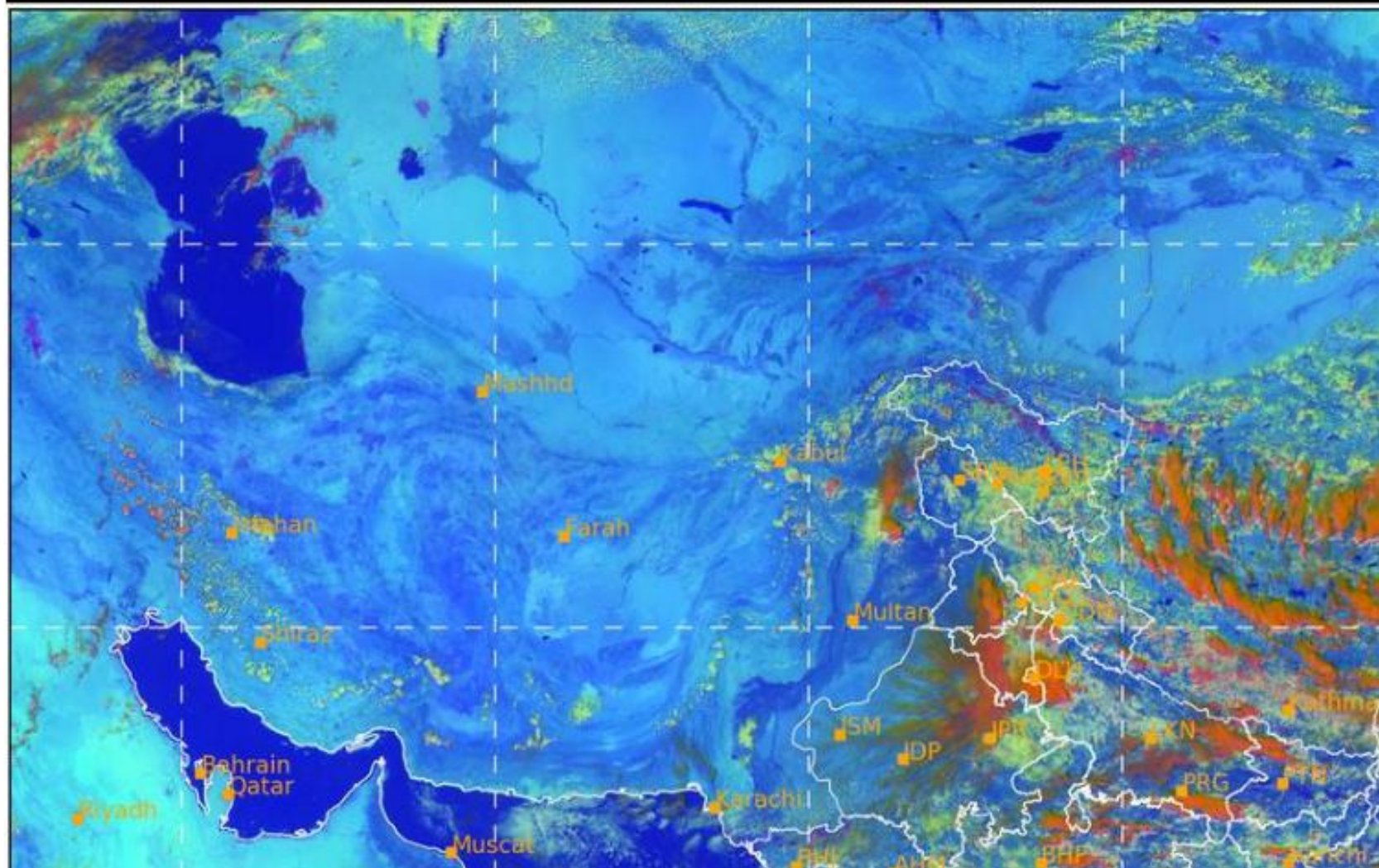
SAT : INSAT-3DR IMG

09-08-2025/(0815 to 0842) GMT

Day Microphysics: VIS\_REFL (R), SWIR\_REFL (G), TIR1\_BT (B)

L1C Mercator

09-08-2025/(1345 to 1412) IST

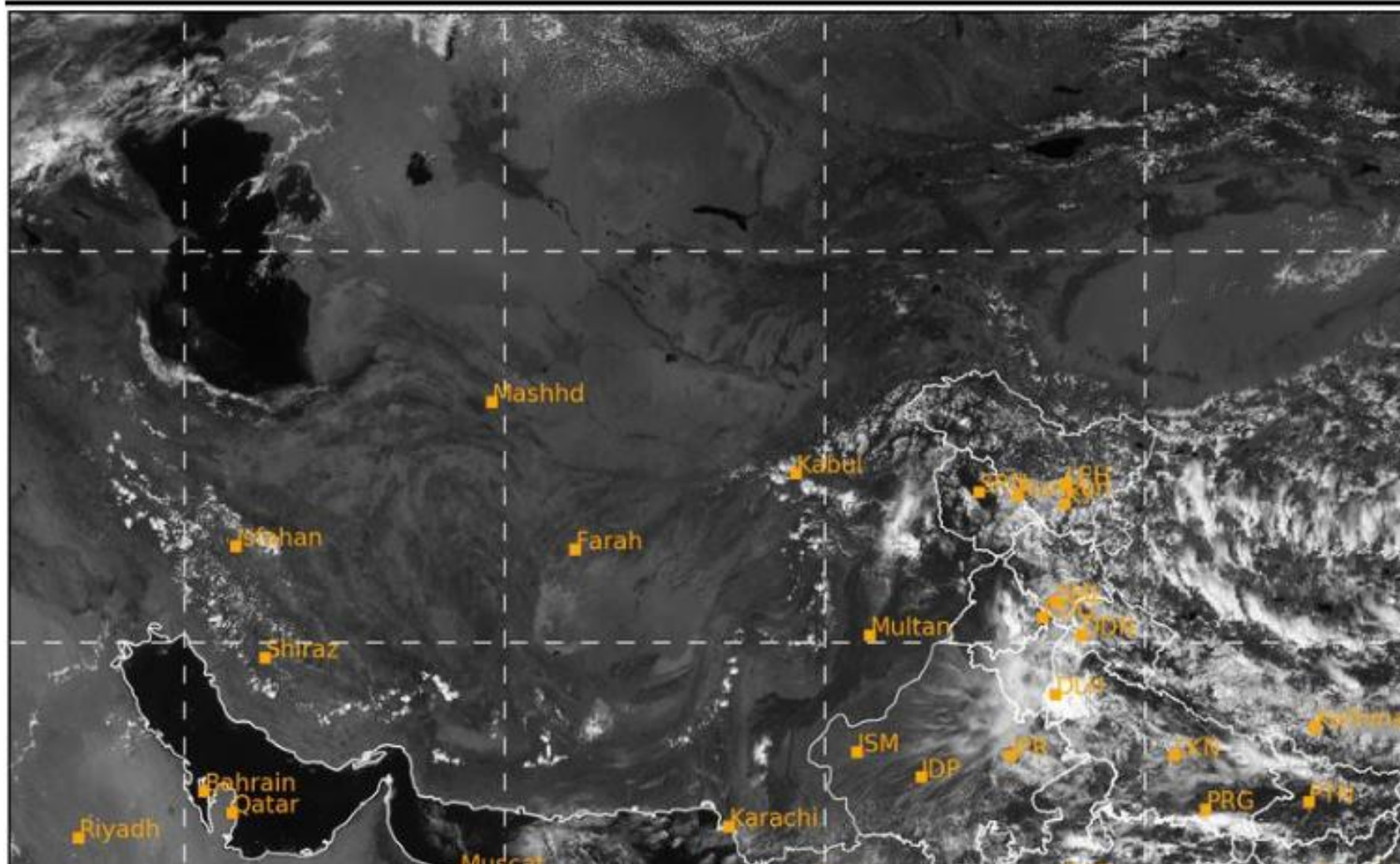


0 100% 0 60% 203 323K

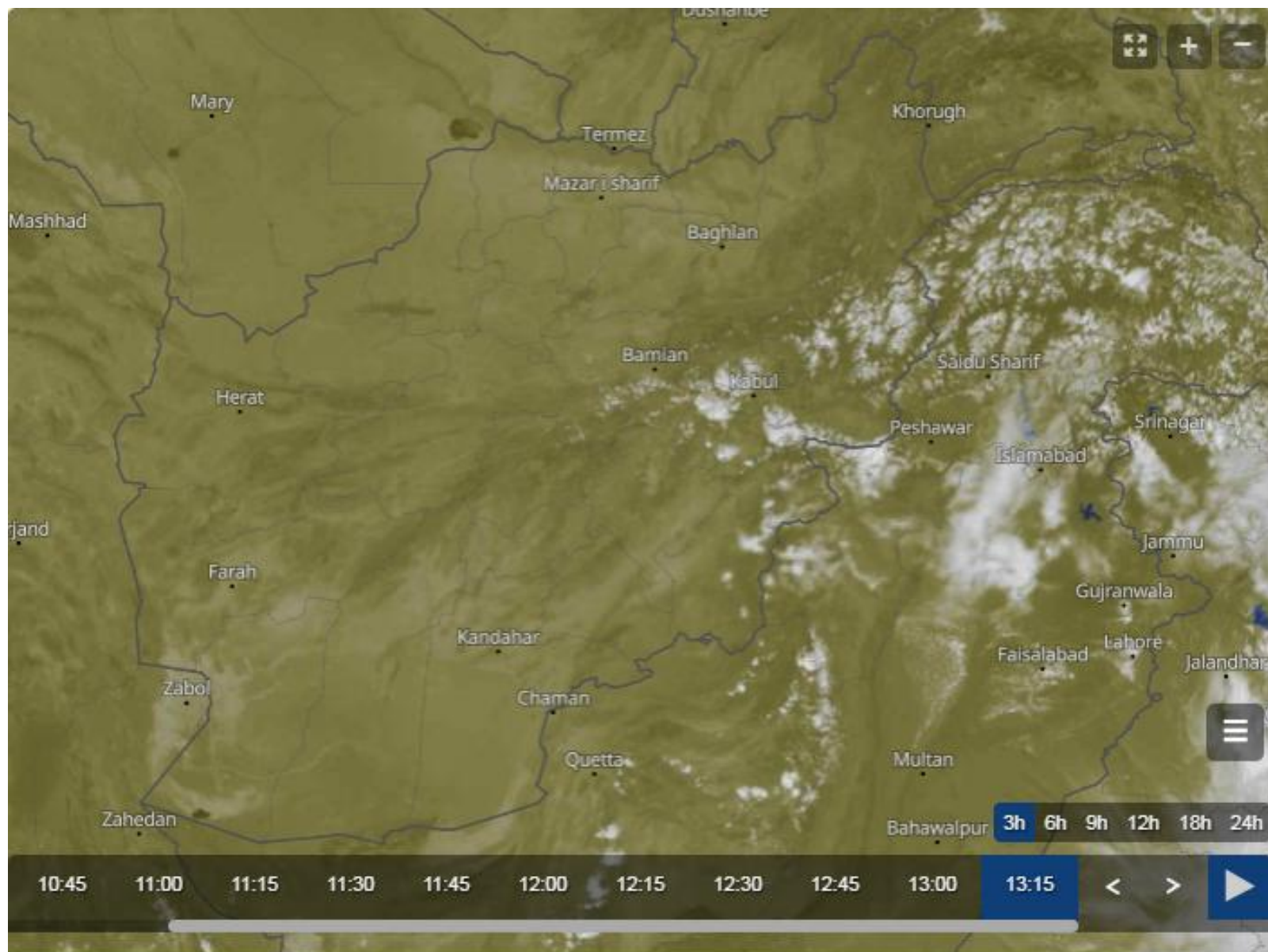
Fog Low Clouds Mid Orographic Cloud CB Snow Dust

SAT : INSAT-3DR IMG  
Visible Count 0.65 um  
L1C Mercator

09-08-2025/(0815 to 0842) GMT  
09-08-2025/(1345 to 1412) IST







# Land Surface Temperature

2025-08-09 09:00(UTC)

