



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



Daily reports of Satellite imagery analysis. Date & Time: 15/05/2025, 0600 UTC, Number of reports: 975

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

**Details:** according to satellite imagery analysis the southern, central, northeastern and southeastern areas have weak worm air mass The western, eastern, central, southeastern and northwestern areas have weak dust. The all regions have weak water vapor which the exception of northern and western areas have moderate water vapor. The northern and southwestern areas have jet stream.

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

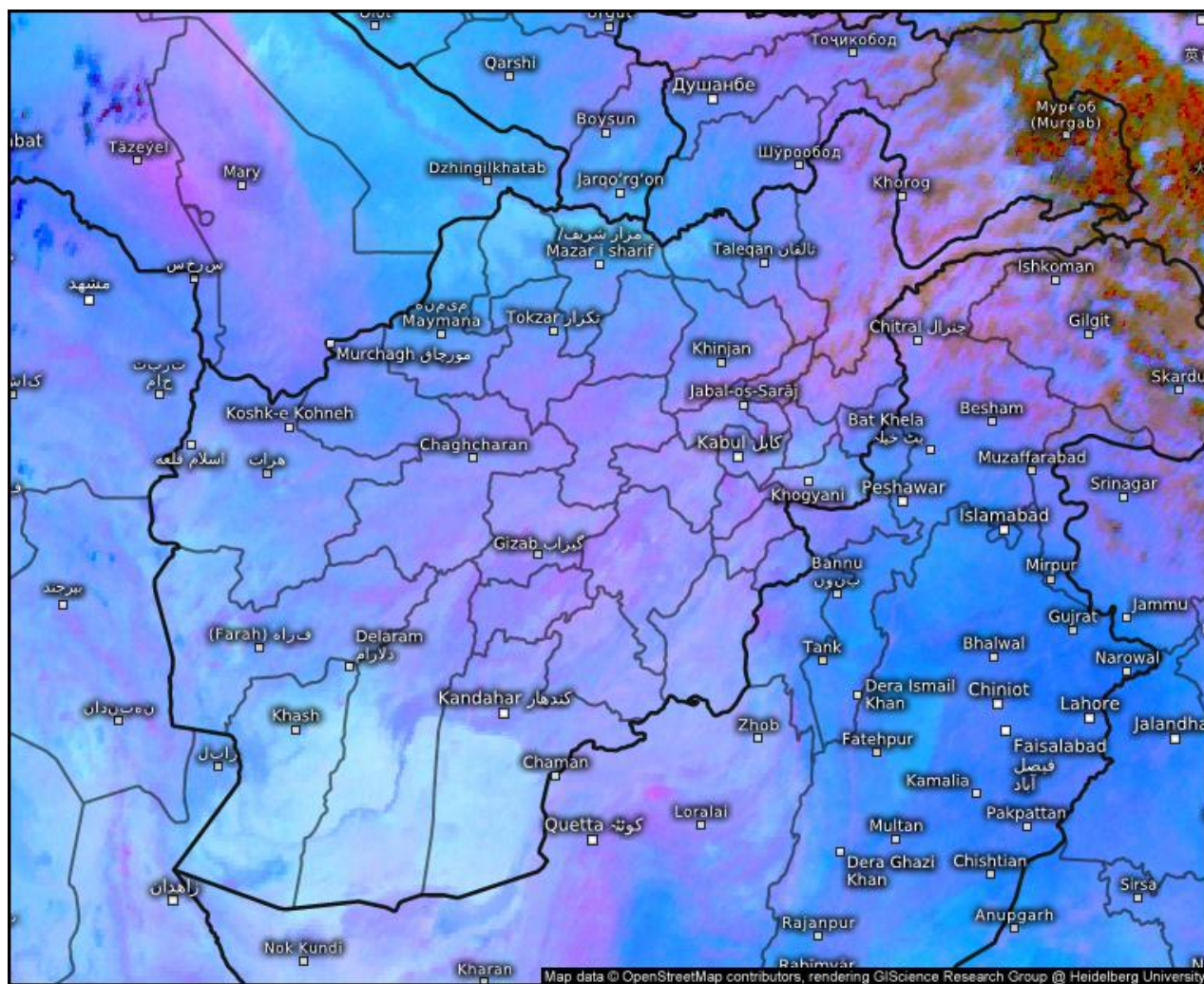
- Reported by: Mohammad Jawed Moradi

UTC : 2025-05-15 05:45



FY-4B AirMass RGB Composite (From WMO)





## Satellite Dust

Thu 05/15/2025, 10:30am GMT+0430

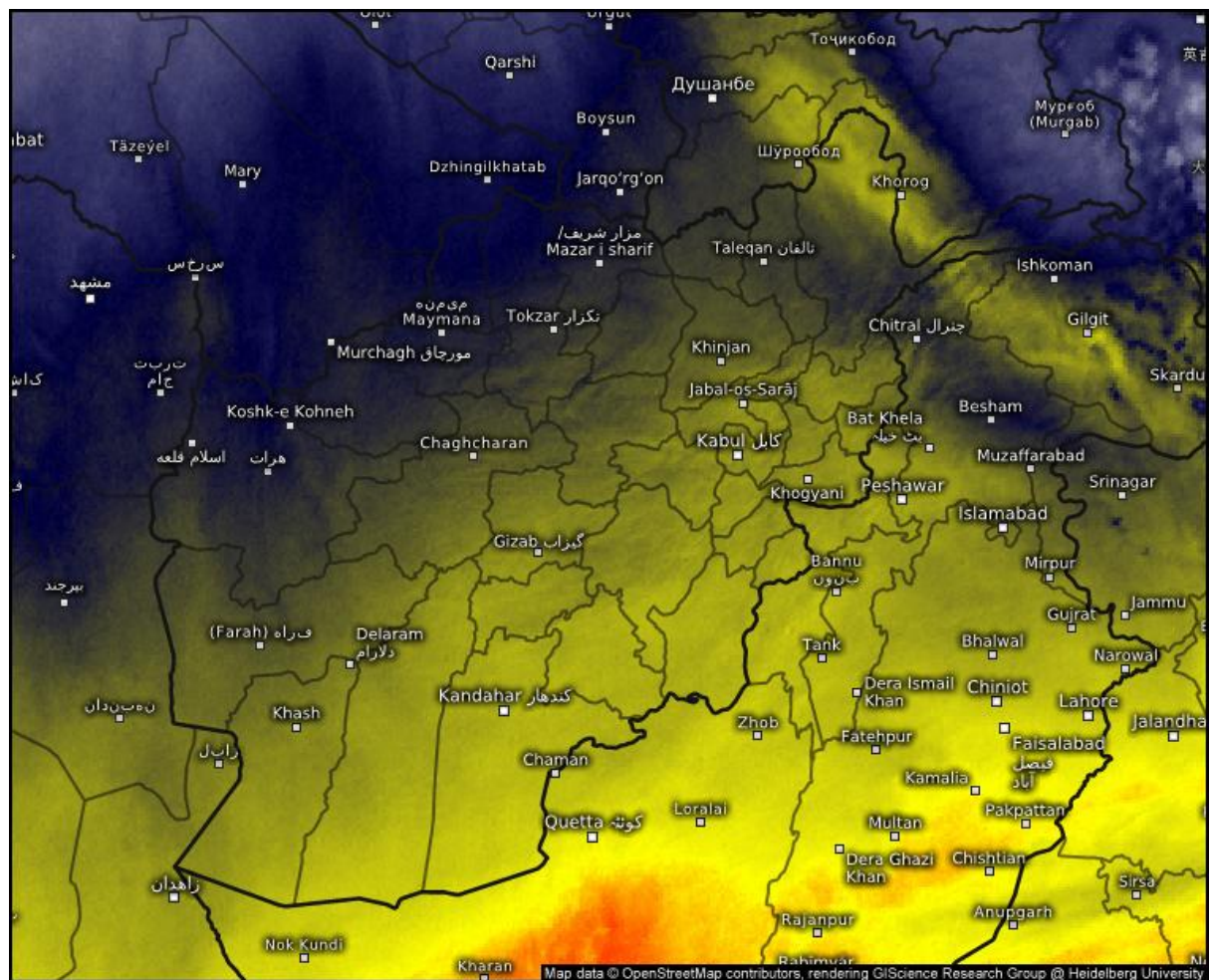
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Sharing: Please get the pic's permalink from share button top right

Afghanistan

 **meteologix.com**

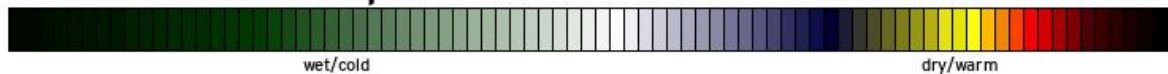
Satellite data: EUMETSAT





## Satellite Water Vapor

Thu 05/15/2025, 10:30am GMT+0430



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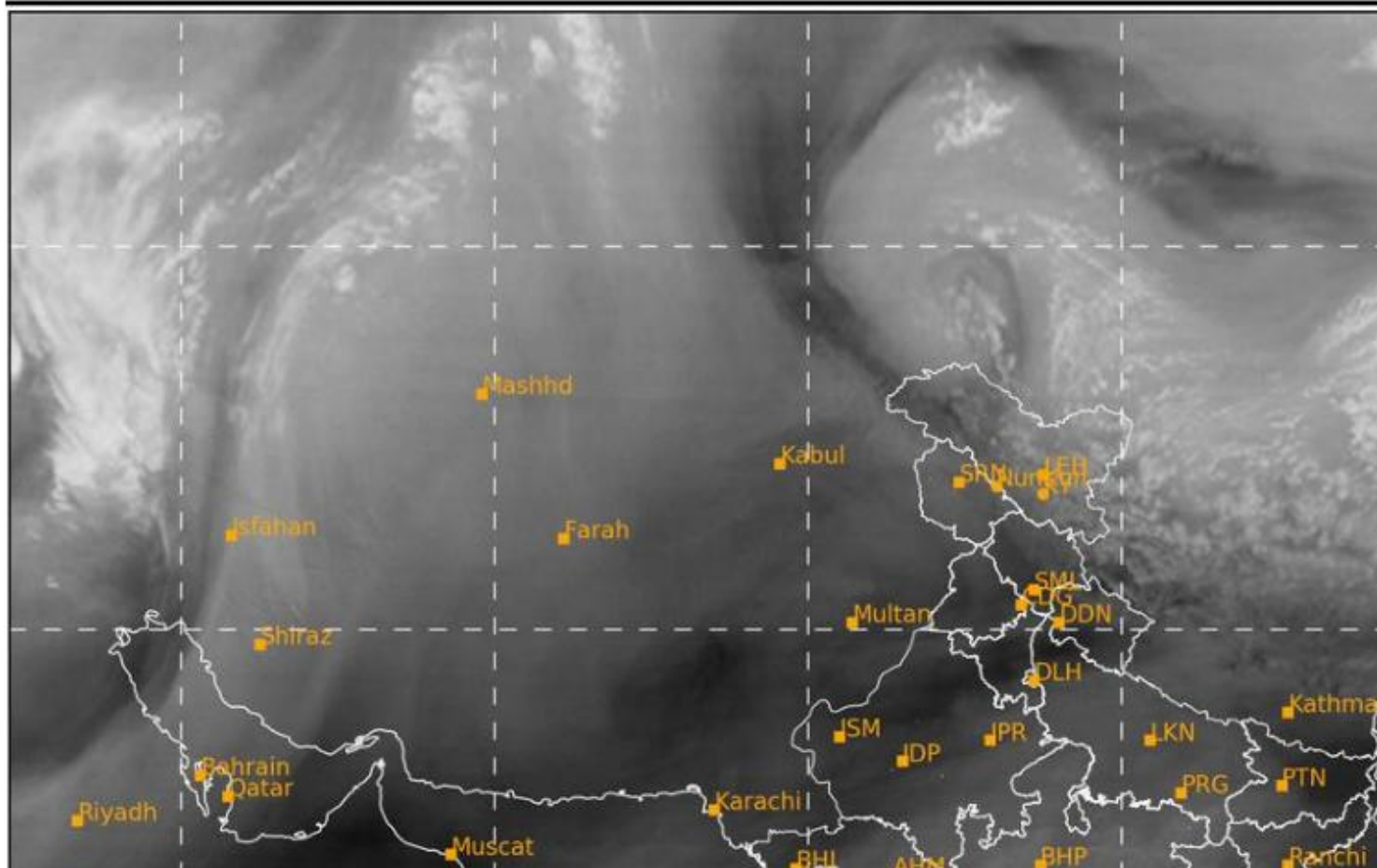
Sharing: Please get the pic's permalink from share button top right  
Afghanistan

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Satellite data: EUMETSAT

SAT : INSAT-3DR IMG  
IMG\_WV 6.8 um  
L1C Mercator

15-05-2025/(0515 to 0542) GMT  
15-05-2025/(1045 to 1112) IST





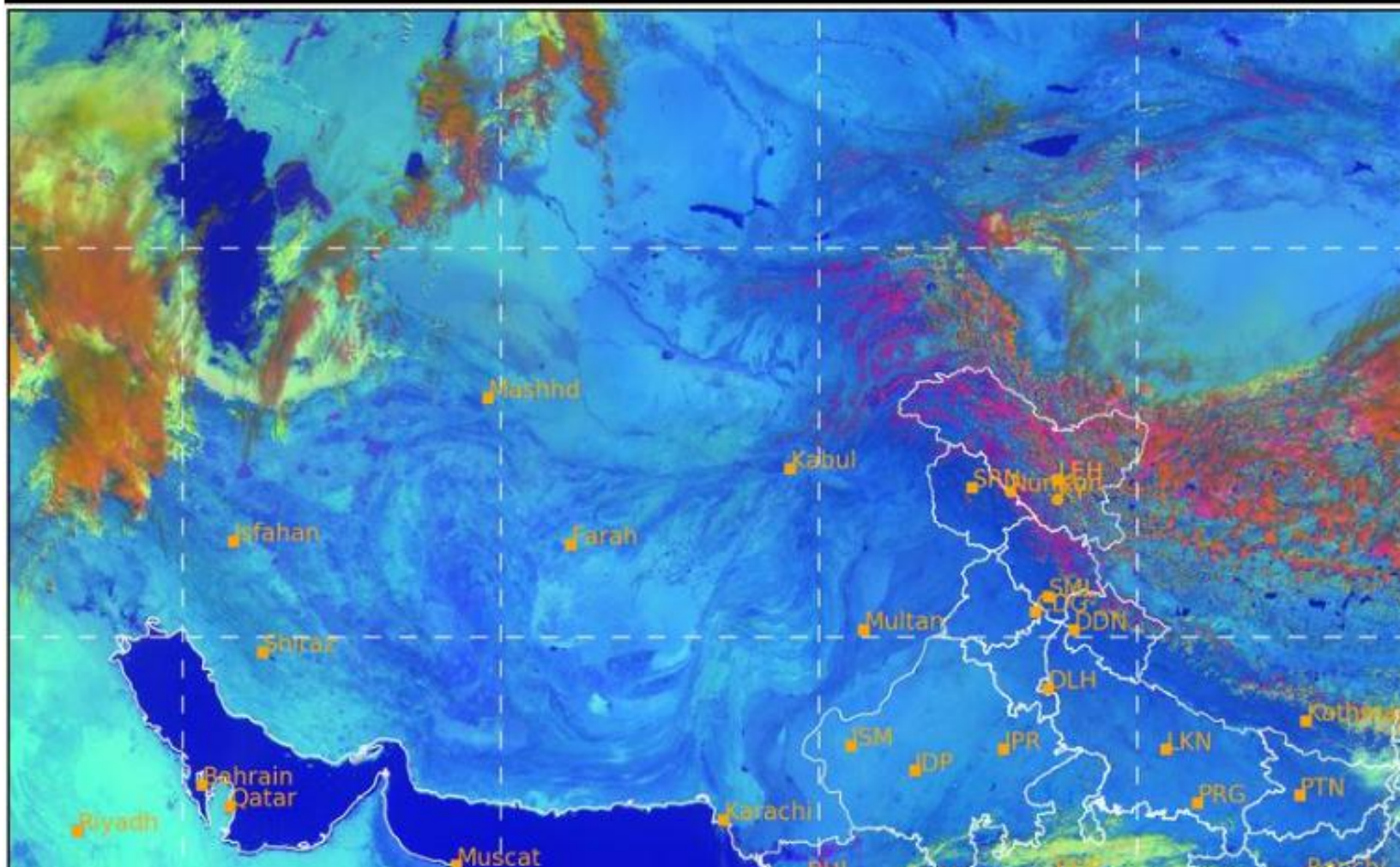
SAT : INSAT-3DR IMG

15-05-2025/(0515 to 0542) GMT

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

L1C Mercator

15-05-2025/(1045 to 1112) IST



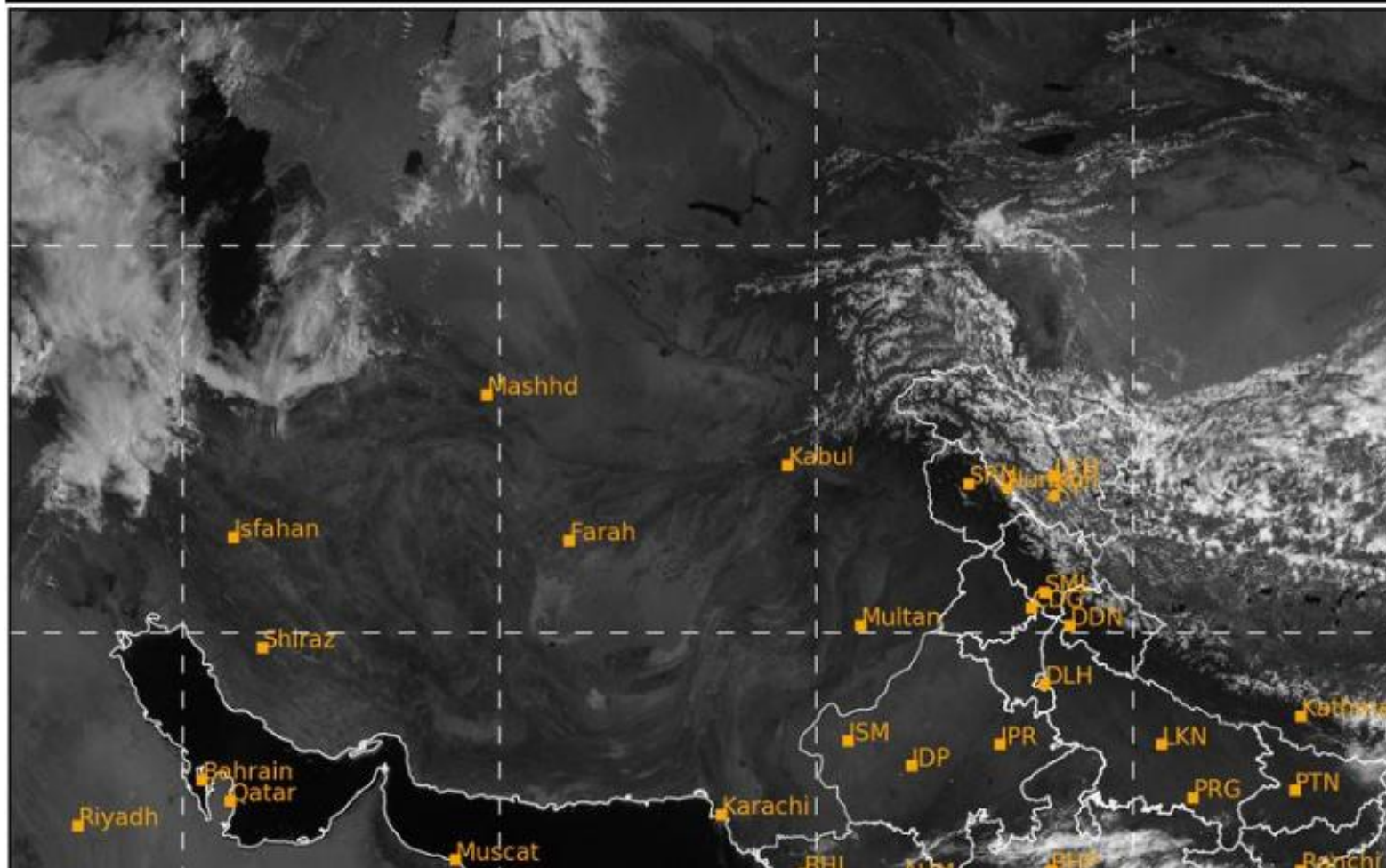
0 100% 0 60% 203 323K



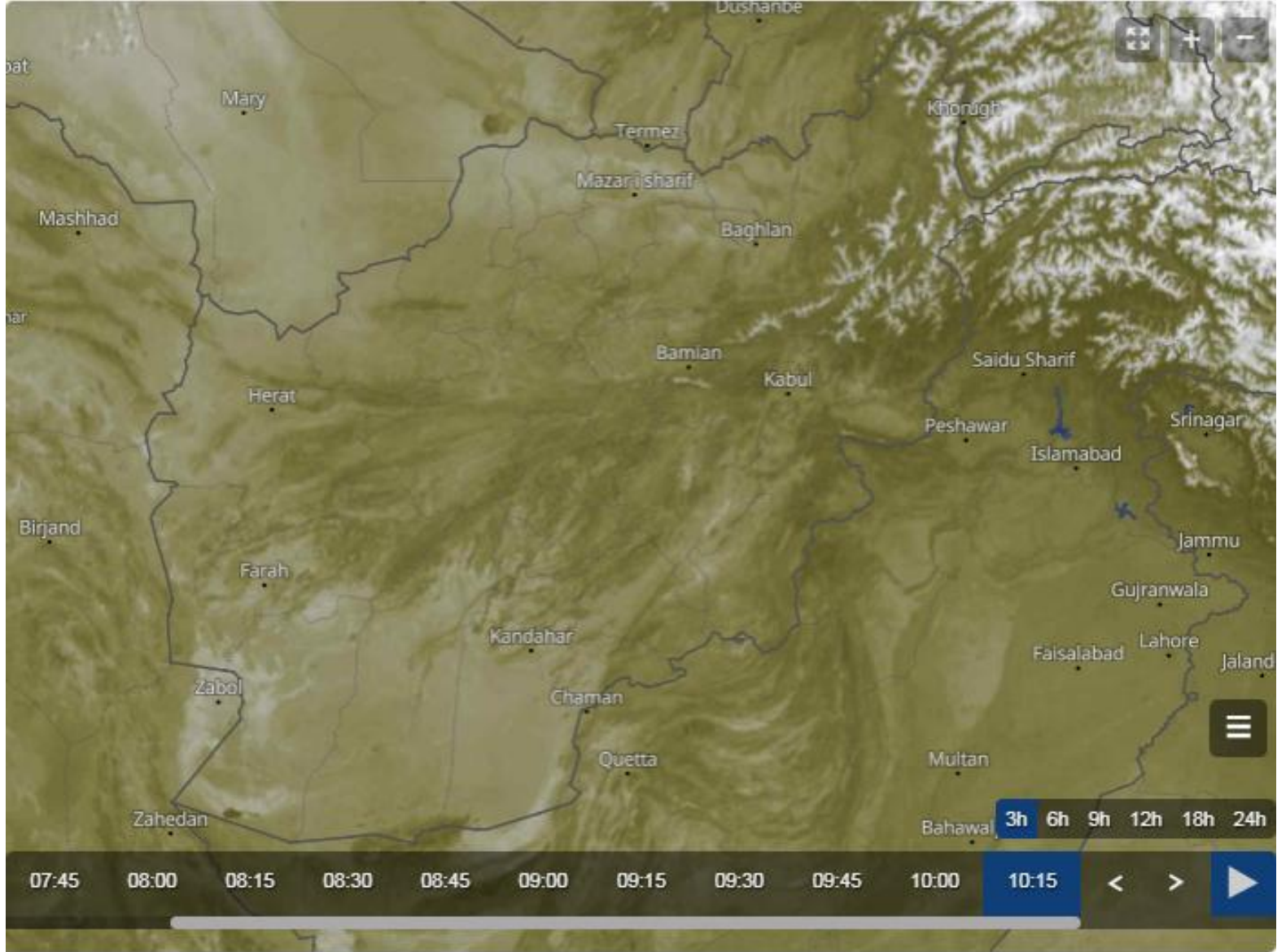
Fog Low Clouds Mid Orographic Cloud CB Snow Dust

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

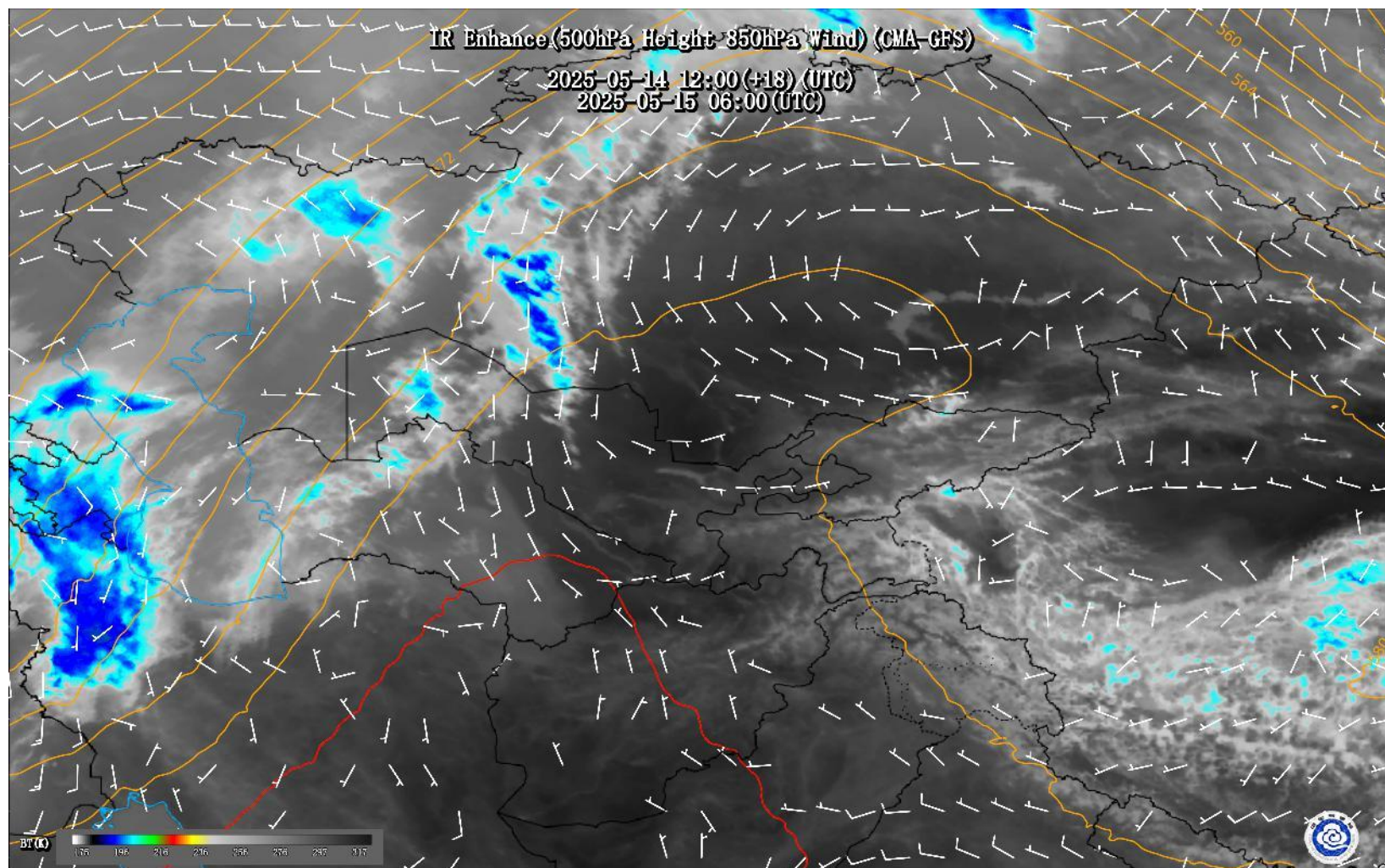
15-05-2025/(0515 to 0542) GMT  
15-05-2025/(1045 to 1112) IST













## Sand And Dust Identification

2025-05-15 06:00(UTC)

