



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



Daily reports of Satellite imagery analysis. Date & Time: 12/08/2025, 09:00 UTC

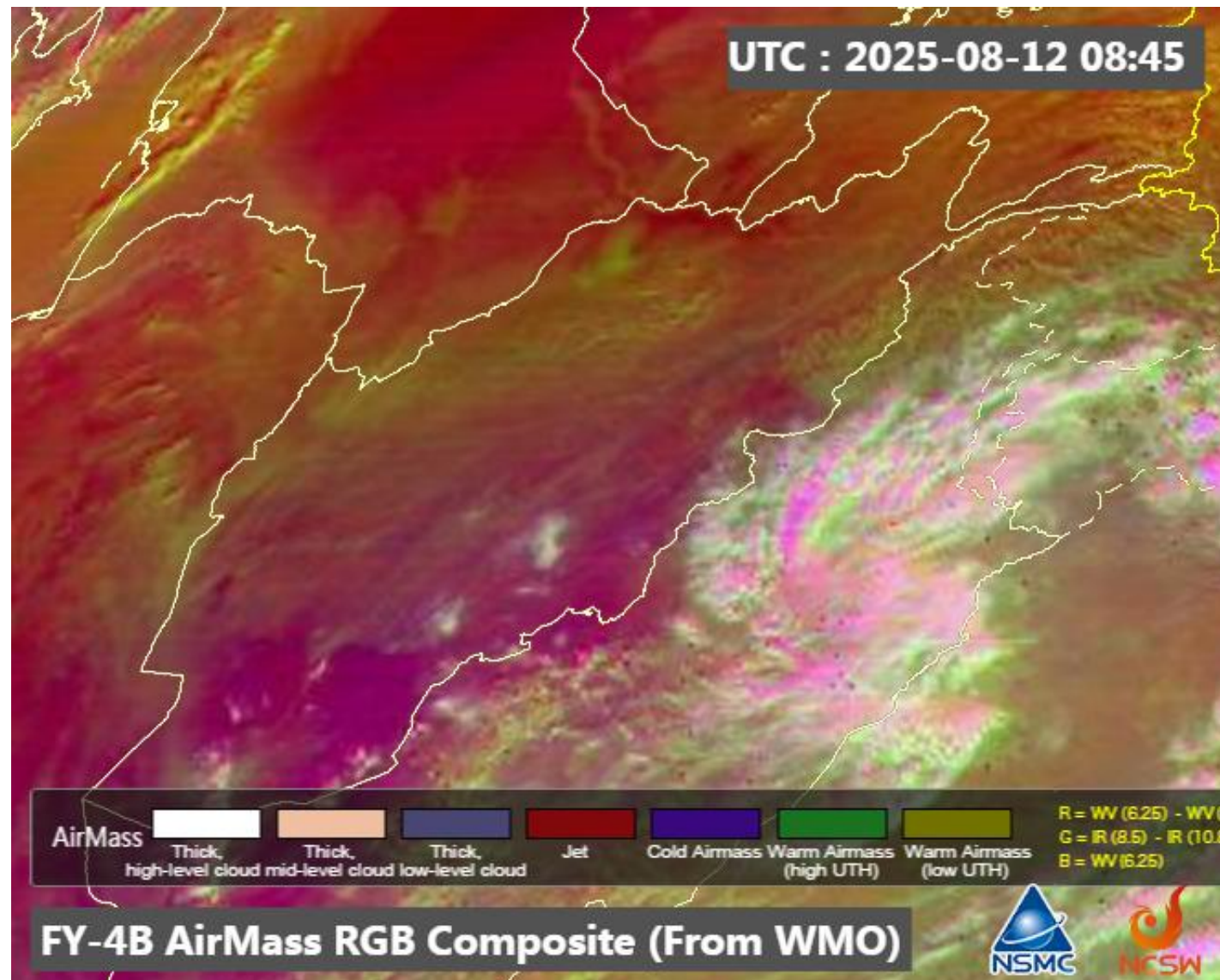
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	✓	X	X	X	√ weak	X	X	
2	South	✓	X	X	X	X	√ moderate	X	X	
3	West	✓	✓	X	X	X	√ weak	X	X	
4	East	X	X	X	✓	X	√ weak	X	X	
5	central	✓	X	X	X	X	√ weak	X	X	
6	Northeast	✓	✓	X	X	X	√ weak	X	X	
7	Southeast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

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

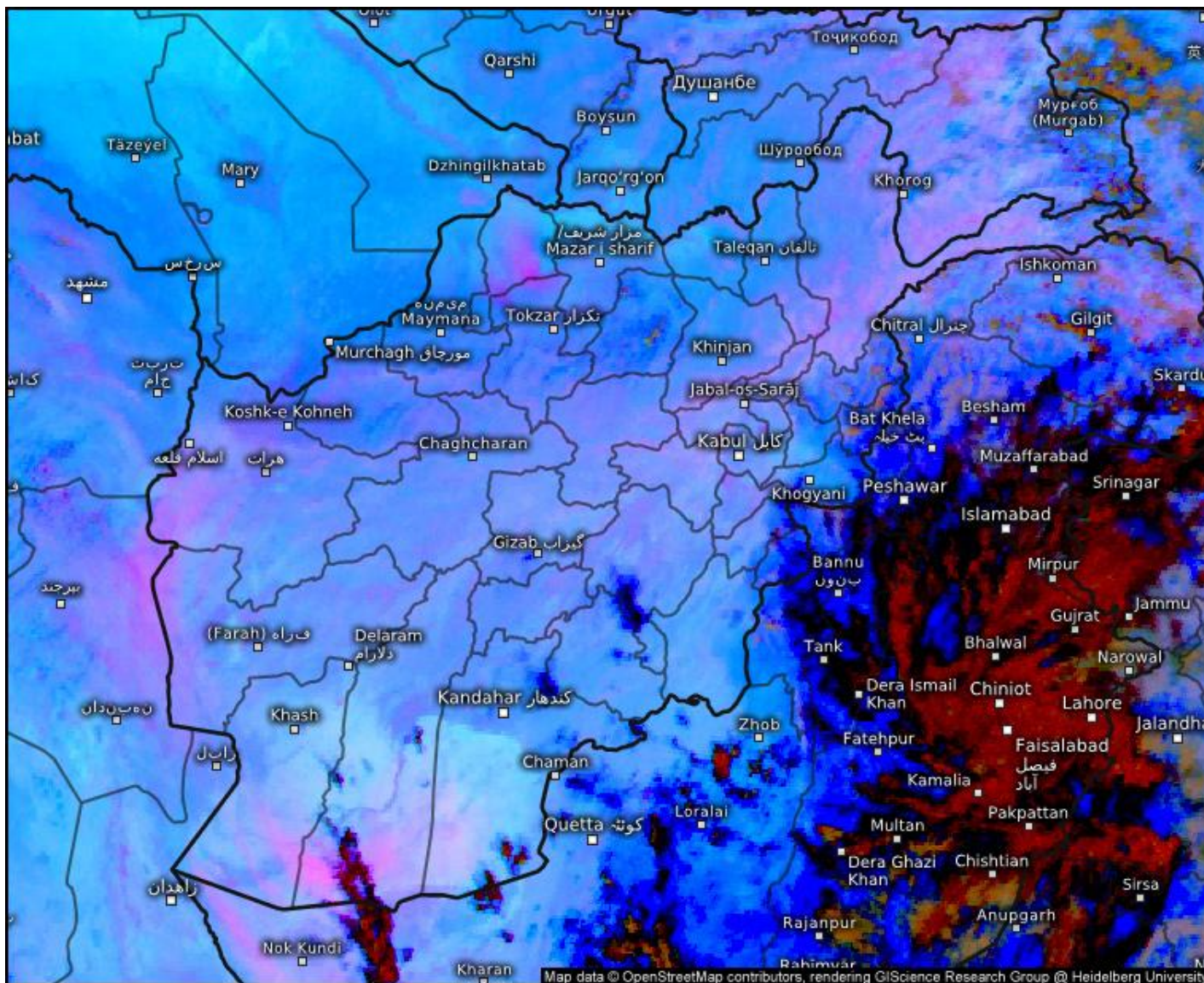
Note: X (Not existing phenomena), √ (exist phenomena)

Reported by: Mohammad Jawed Moradi

UTC : 2025-08-12 08:45



FY-4B AirMass RGB Composite (From WMO)



Satellite Dust

Tue 08/12/2025, 01:30pm GMT+0430

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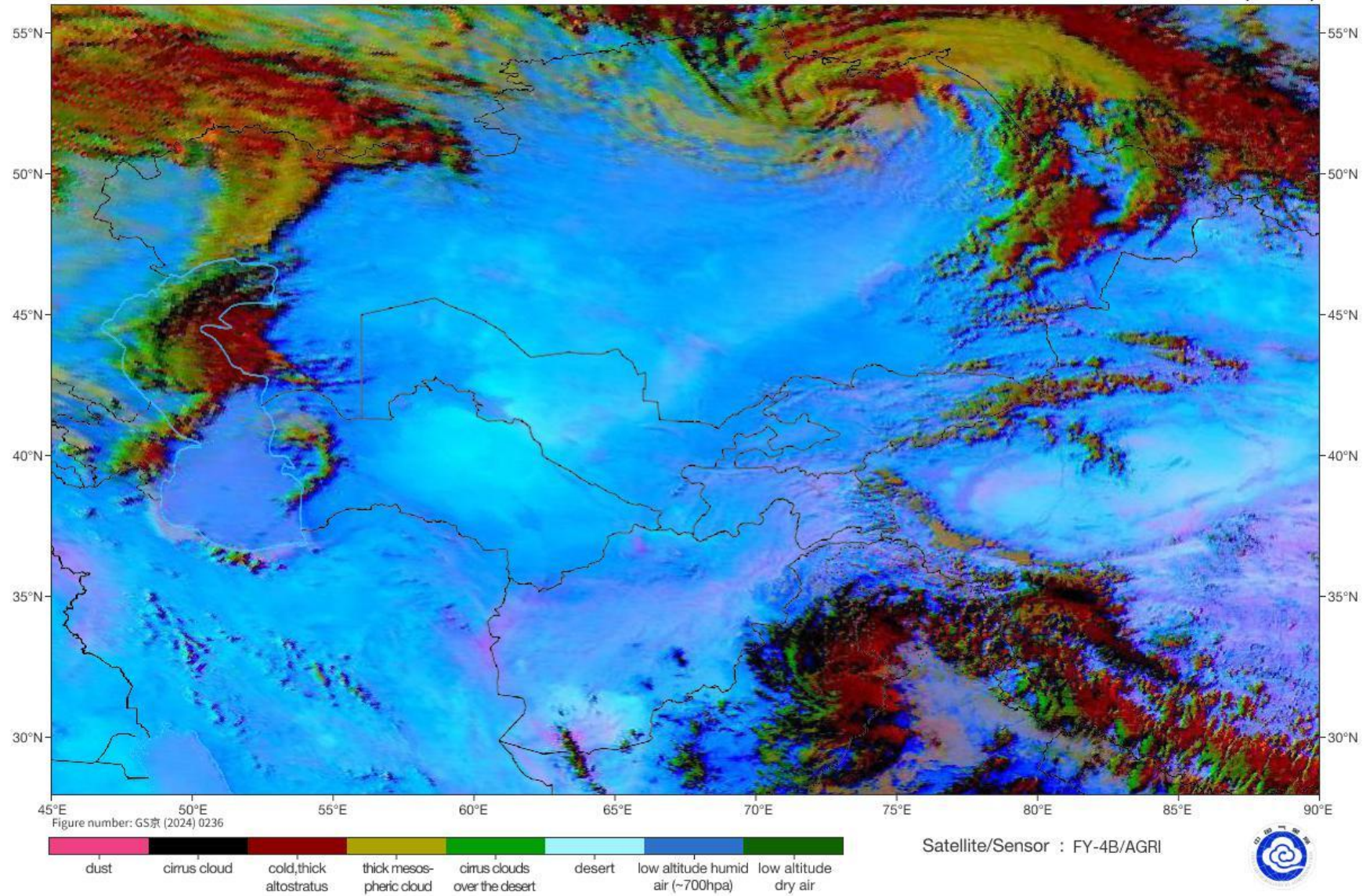
Afghanistan

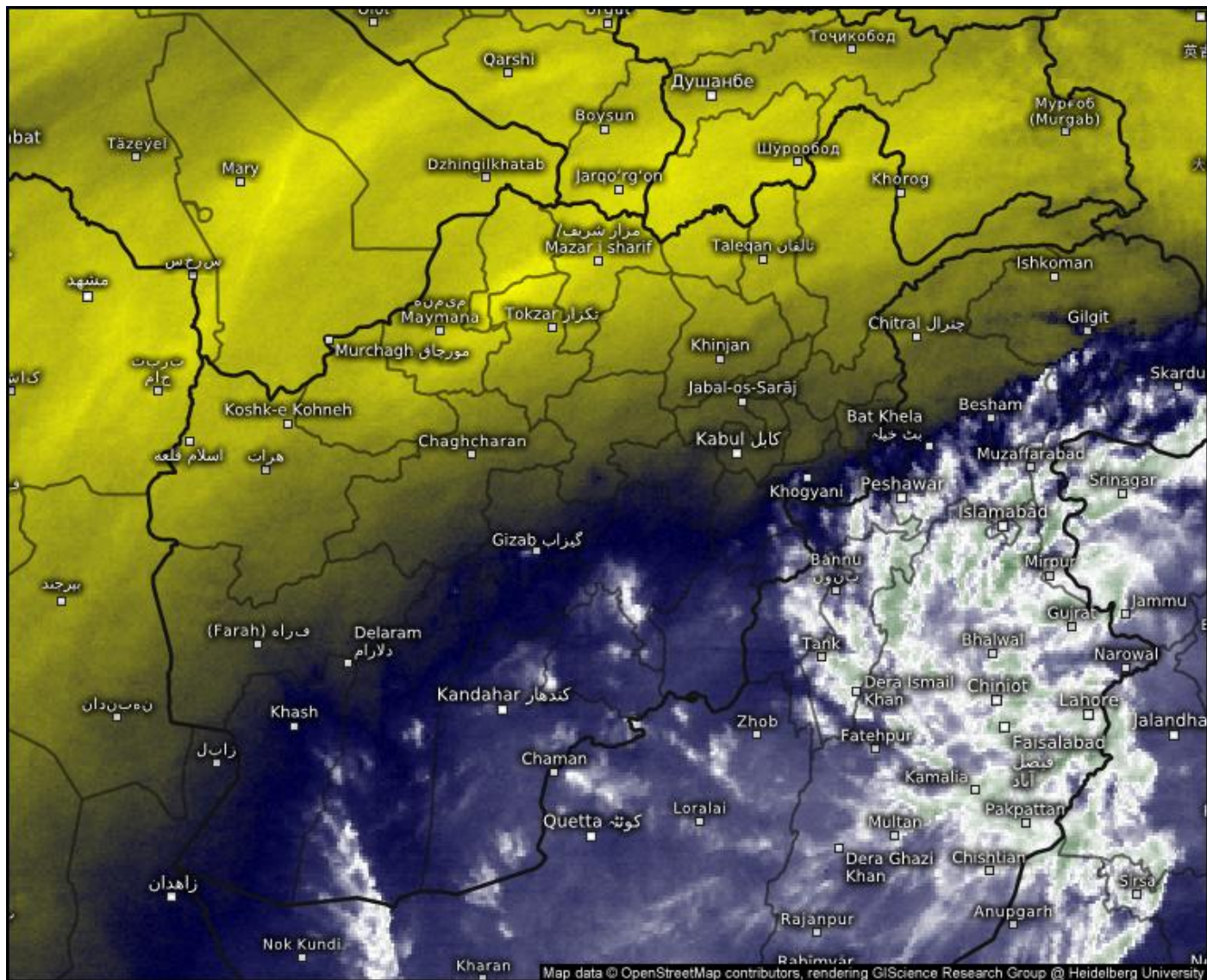
meteologix.com

Satellite data: EUMETSAT

Sand And Dust Identification

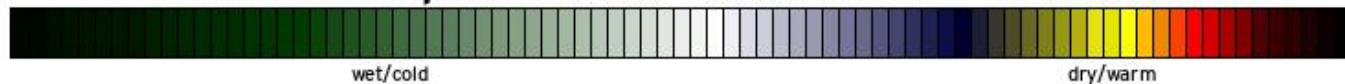
2025-08-12 08:45(UTC)





Satellite Water Vapor

Tue 08/12/2025, 01:30pm GMT+0430



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Afghanistan

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Satellite data: EUMETSAT

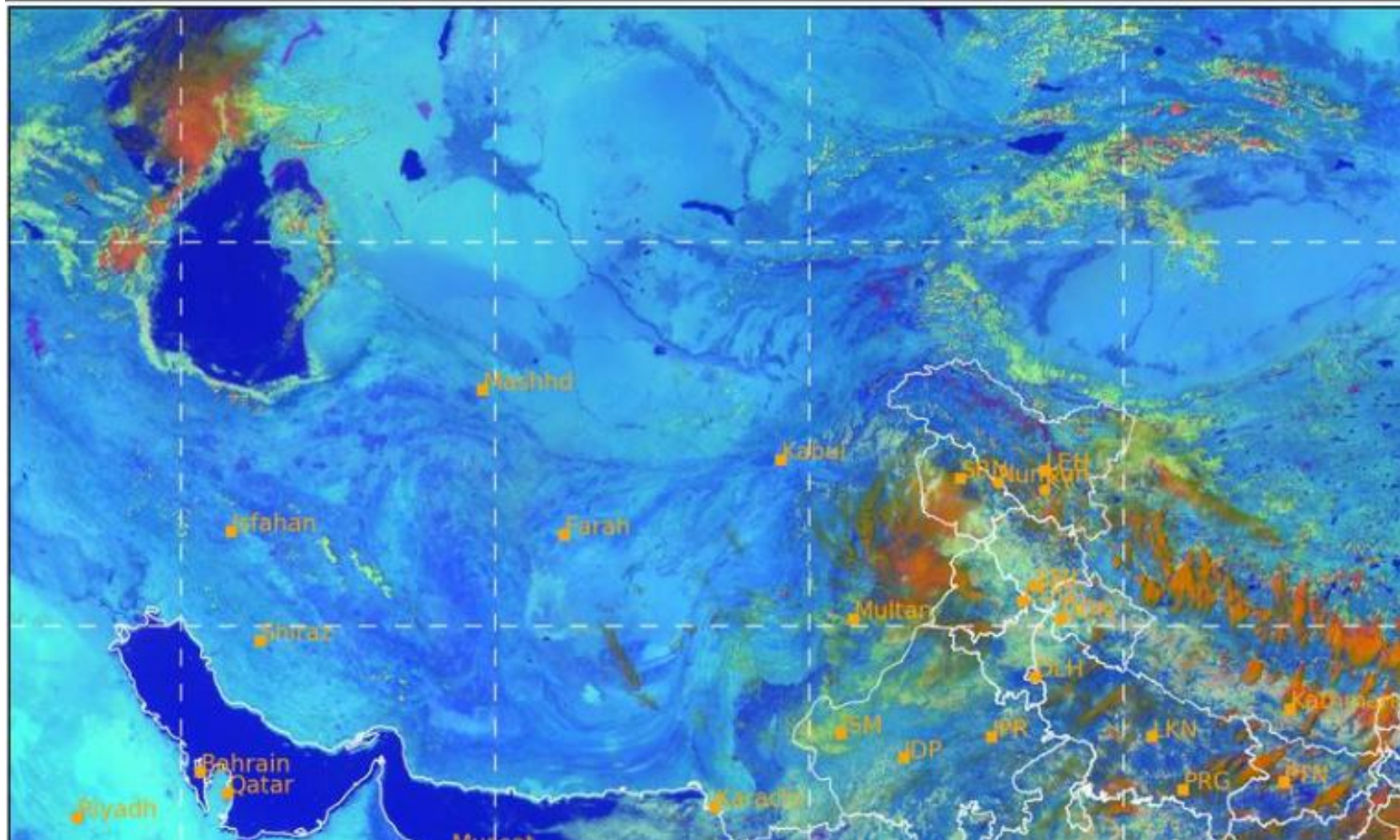
SAT : INSAT-3DR IMG

12-08-2025/(0745 to 0812) GMT

Day Microphysics: VIS_REFL (R), SWIR_REFL (G), TIR1_BT (B)

L1C Mercator

12-08-2025/(1315 to 1342) IST



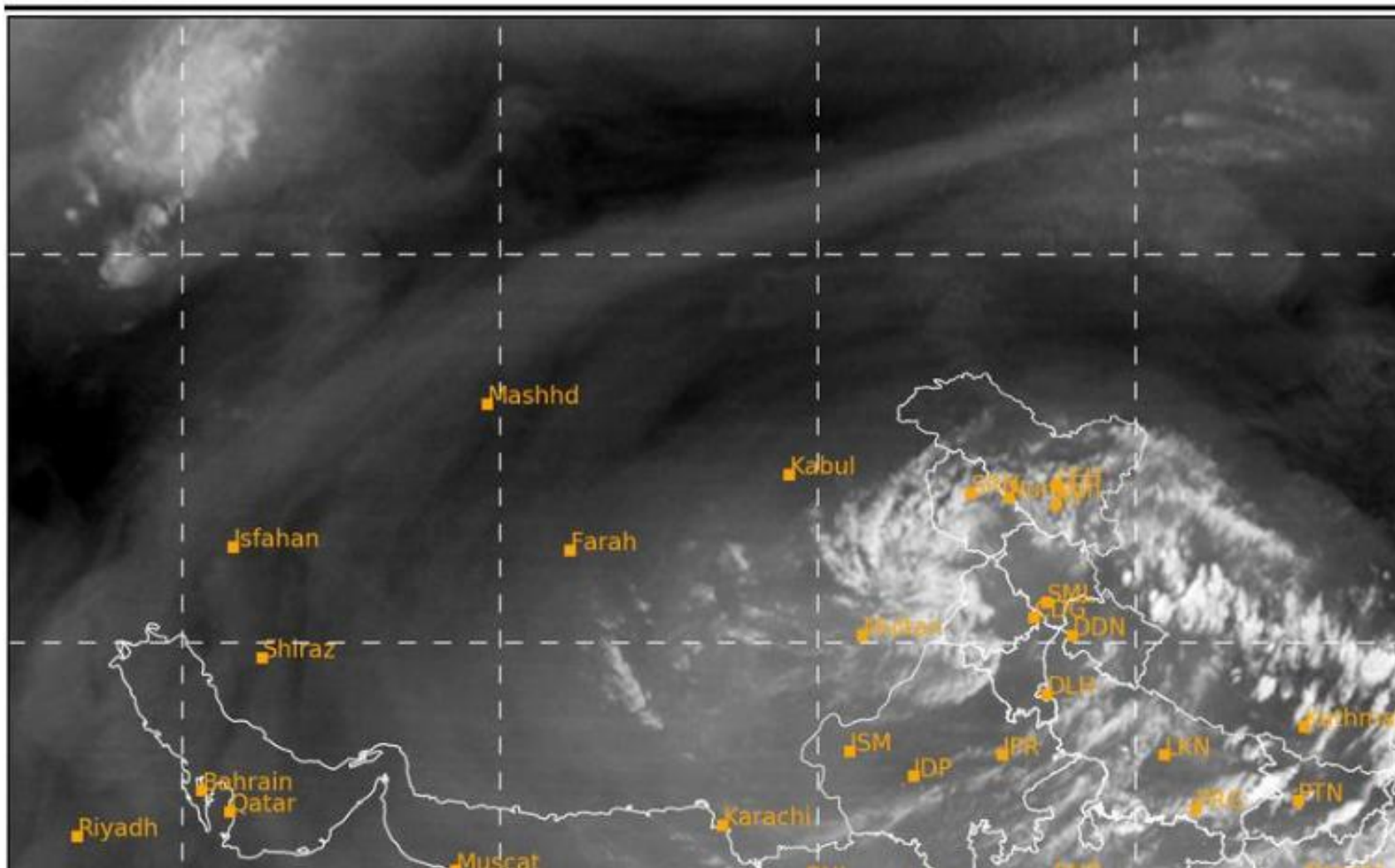
0 100% 0 60% 203 323K



Fog Low Clouds Mid Orographic Cloud CB Snow Dust

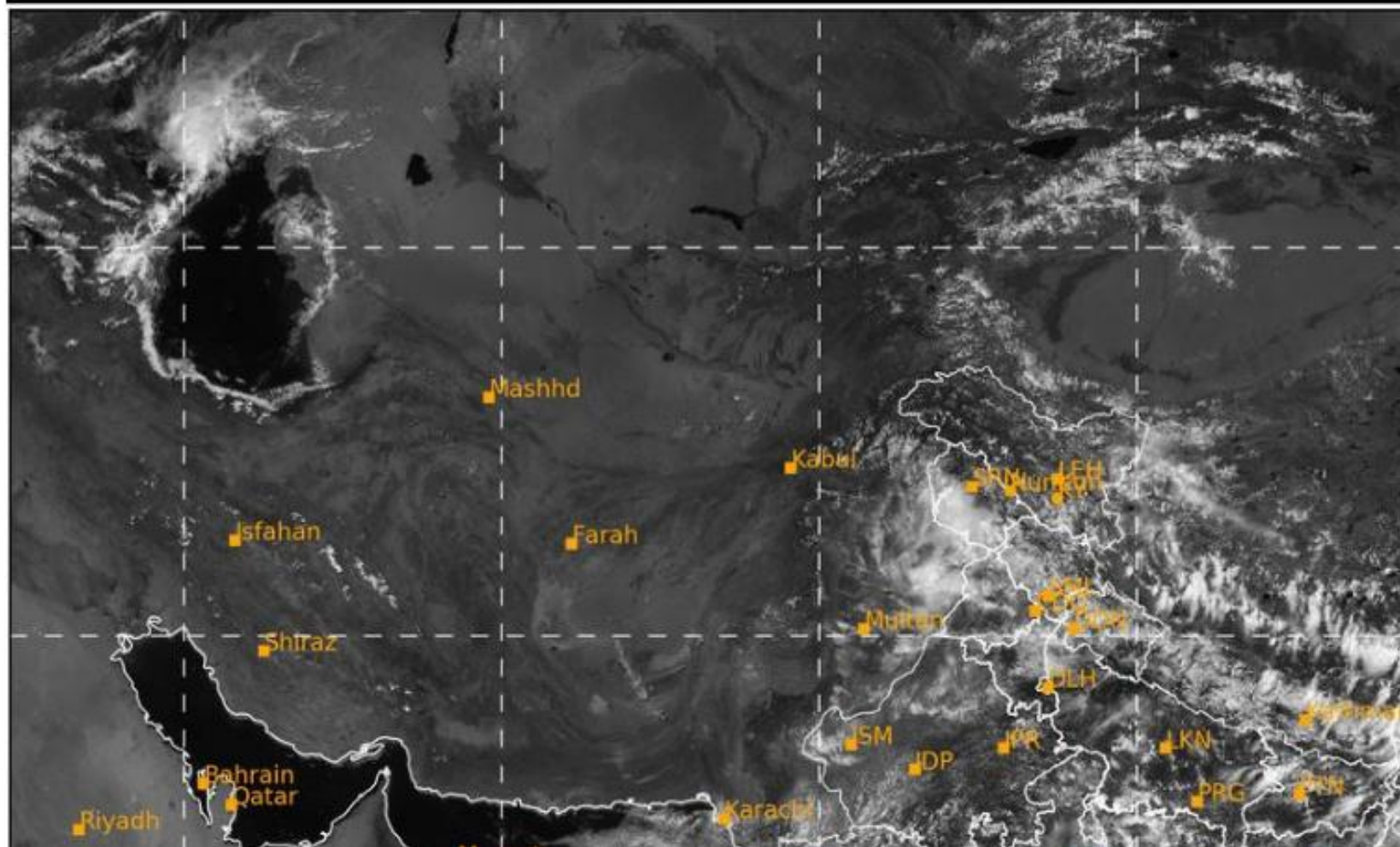
L1C Mercator

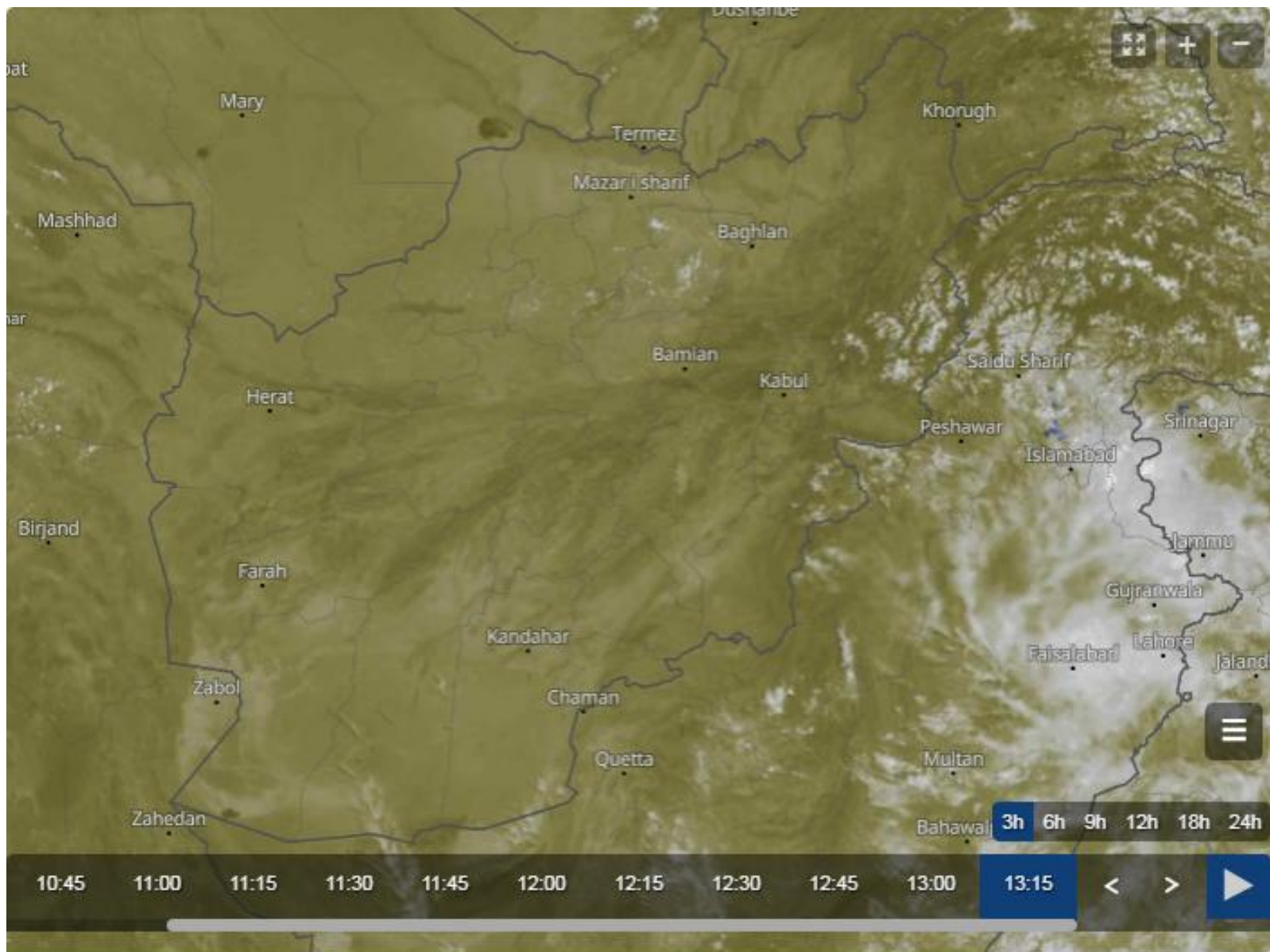
12-08-2025/(1315 to 1342) IST



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

12-08-2025/(0745 to 0812) GMT
12-08-2025/(1315 to 1342) IST





Land Surface Temperature

2025-08-12 08:45(UTC)

