



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



Daily reports of Satellite imagery analysis. Date & Time: 17/05/2025, 0900 UTC, Number of reports: 981

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	X	√ weak	X	X	
3	West	X	✓	X	X	X	√ weak	X	X	
4	East	X	X	X	X	X	√ weak	X	X	
5	central	X	X	X	X	X	√ weak	X	X	
6	Northeast	✓	X	X	X	X	√ weak	X	X	
7	Southeast		X	X	X	X	√ weak	X	X	
8	Northwest	✓	X	X	X	X	√ moderate	X	X	
9	Southwest	✓	✓	X	X	X	√ weak	X	X	

Details: according to satellite imagery analysis the northern, northeastern, northwestern and southwestern areas have worm air mass The northern, western and southwestern areas have dust storm. The all regions have weak water vapor which the exception of northwestern area has moderate water vapor.

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

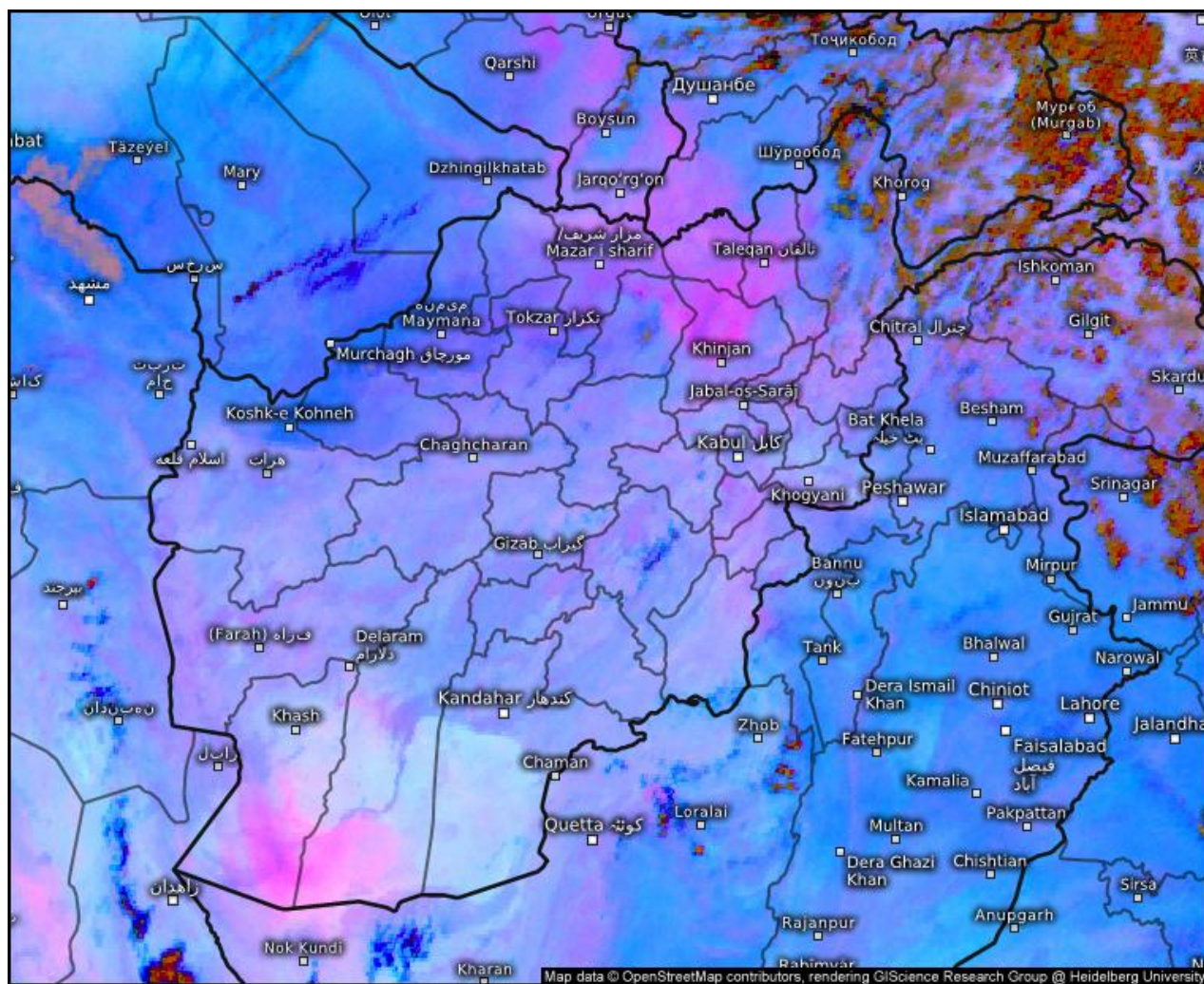
- Reported by: Mohammad Jawed Moradi

UTC : 2025-05-17 08:45



FY-4B AirMass RGB Composite (From WMO)





Satellite Dust

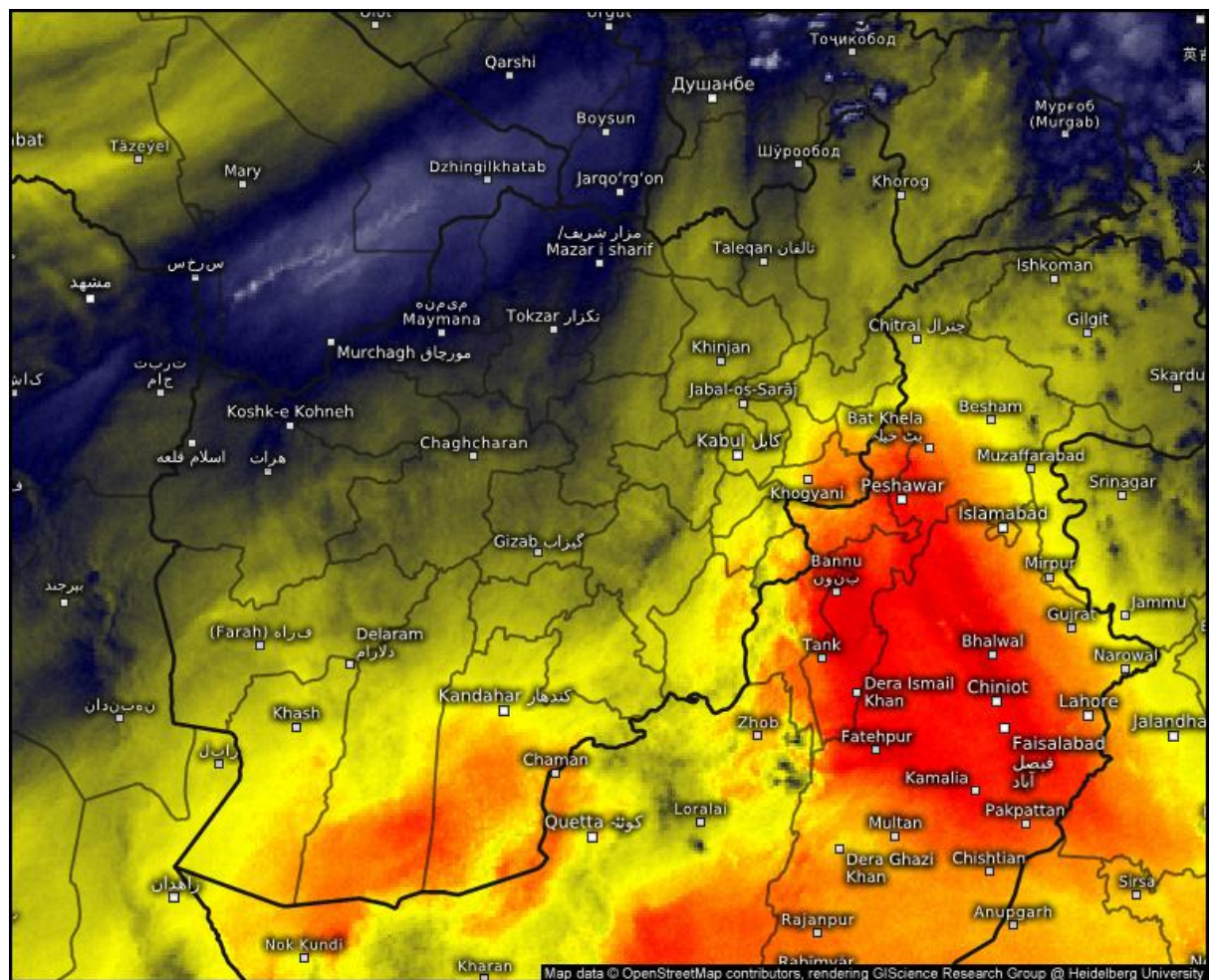
Sat 05/17/2025, 01:30pm GMT+0430

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Afghanistan

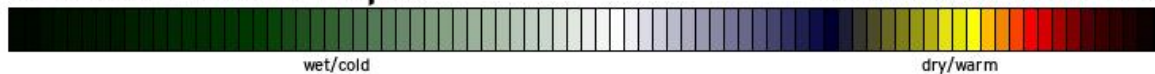
 **meteologix.com**

Satellite data: EUMETSAT



Satellite Water Vapor

Sat 05/17/2025, 01:30pm GMT+0430



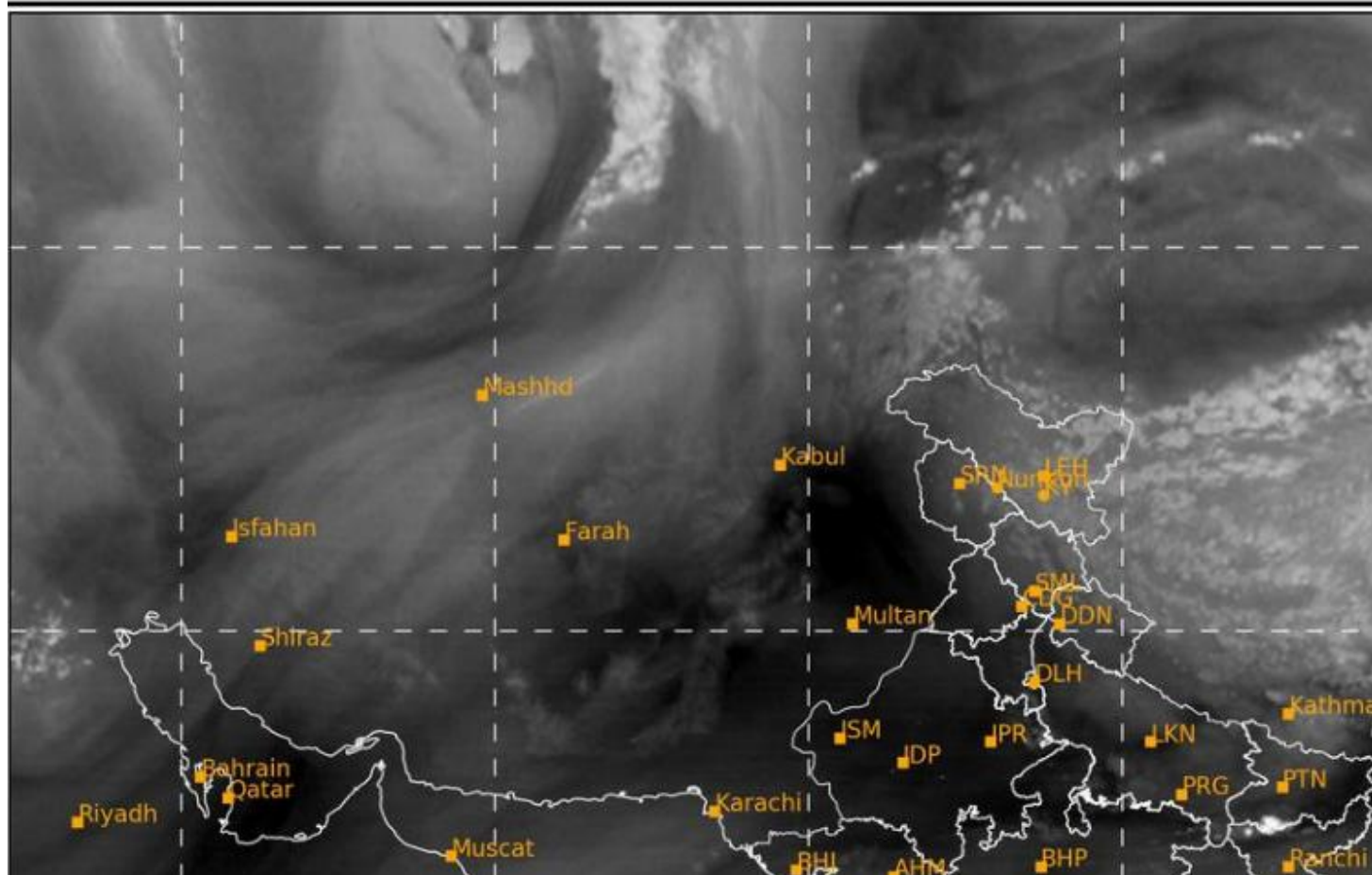
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Afghanistan

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Satellite data: EUMETSAT

SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

17-05-2025/(0745 to 0812) GMT
17-05-2025/(1315 to 1342) IST



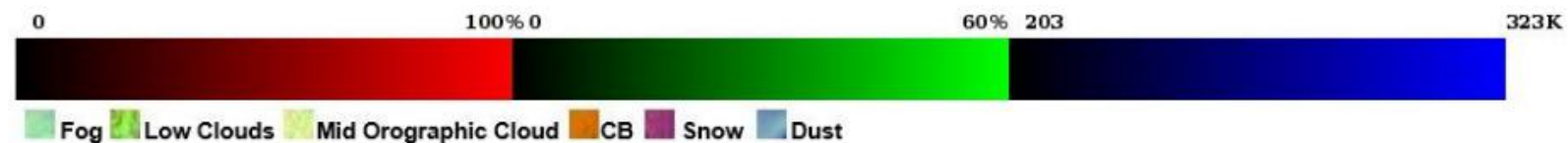
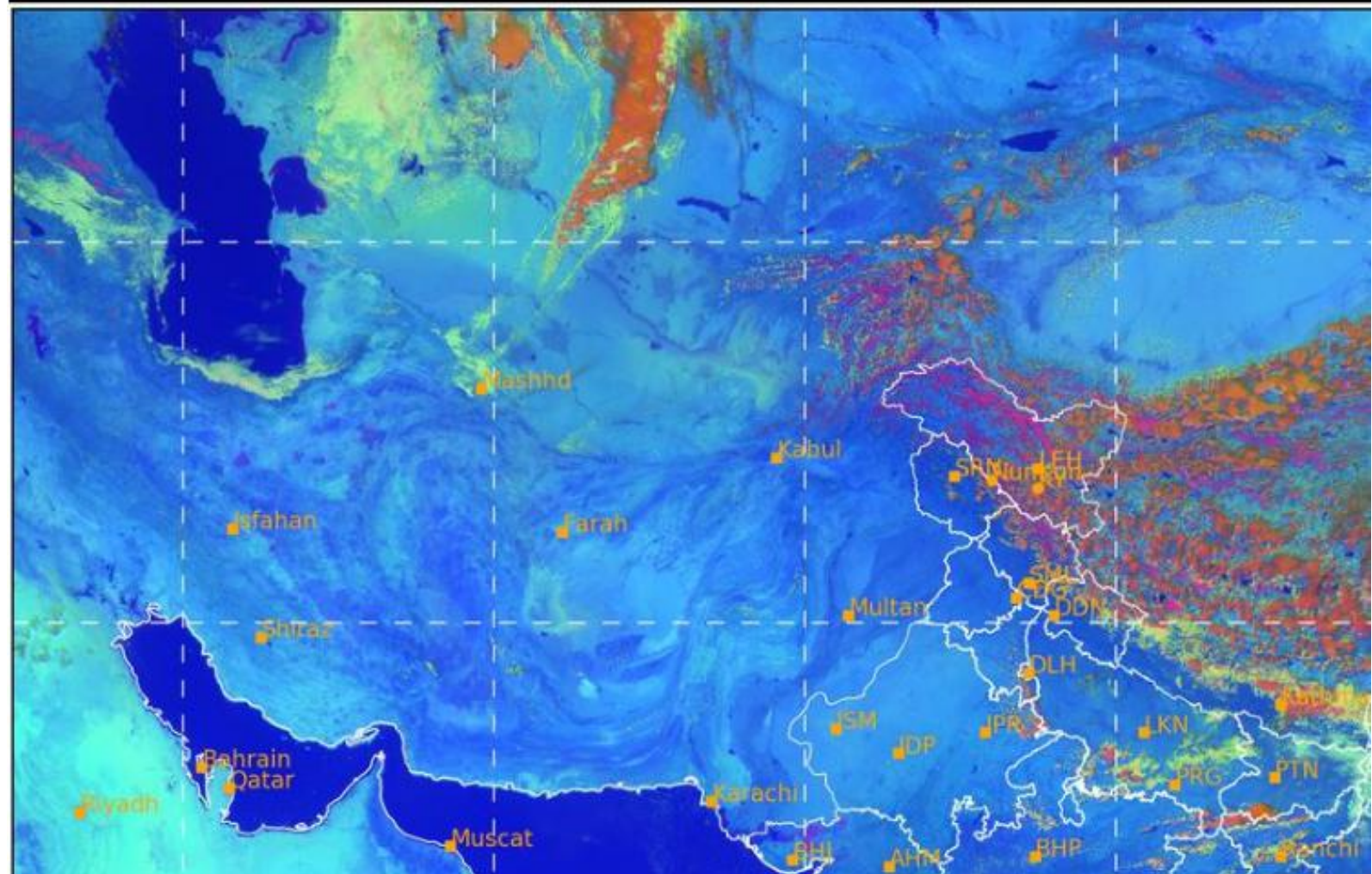
SAT : INSAT-3DR IMG

17-05-2025/(0745 to 0812) GMT

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

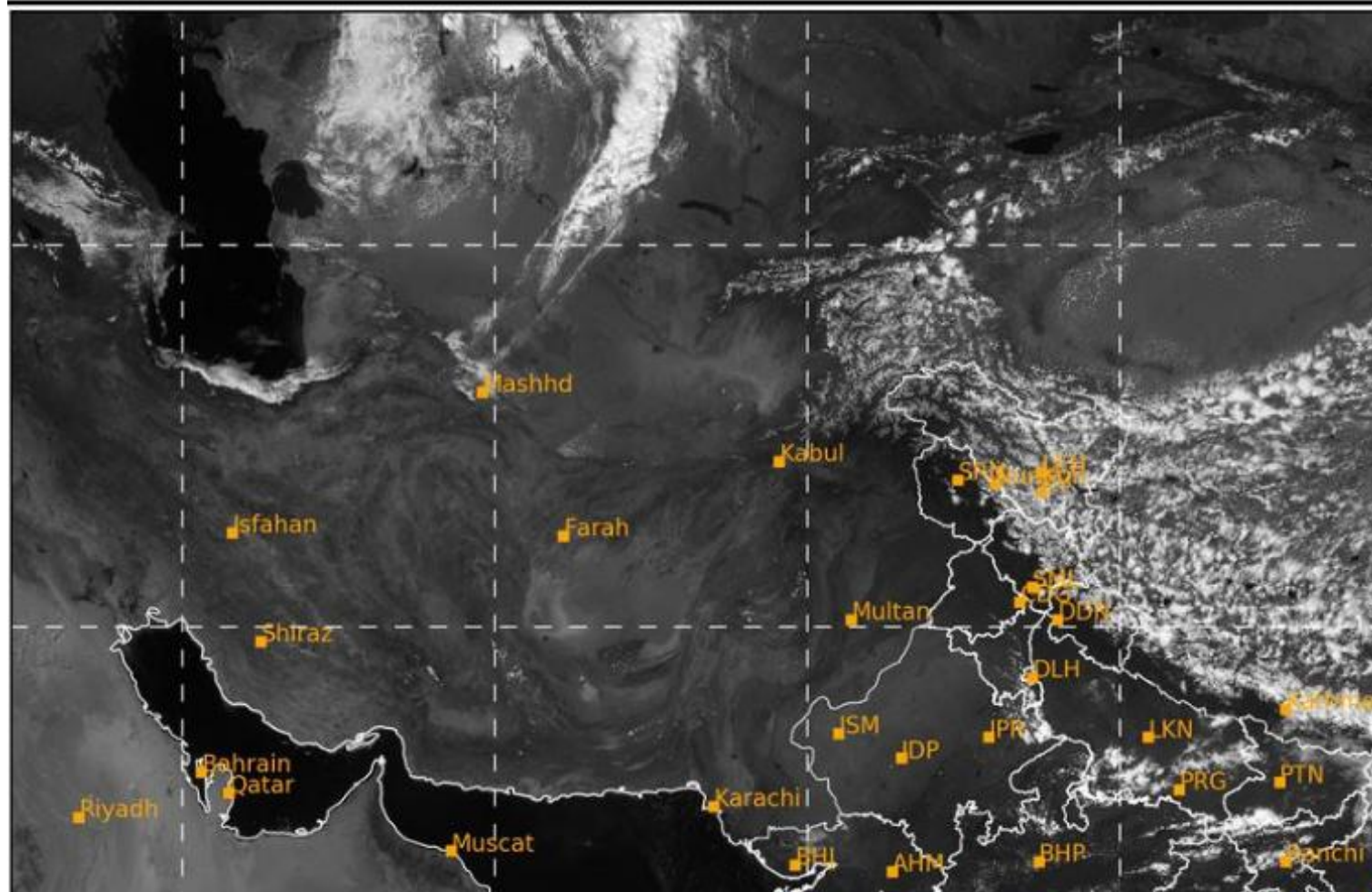
L1C Mercator

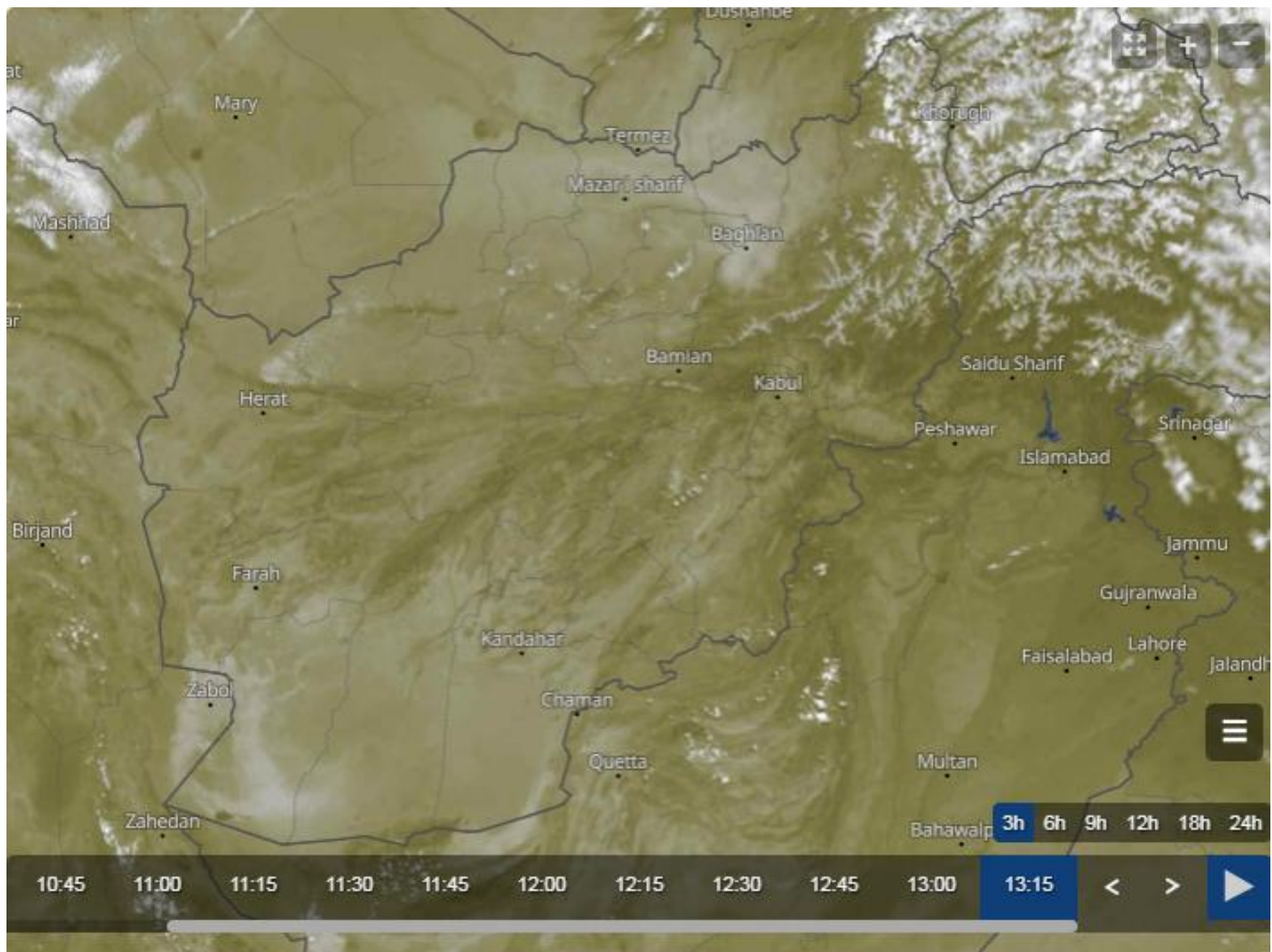
17-05-2025/(1315 to 1342) IST



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

17-05-2025/(0745 to 0812) GMT
17-05-2025/(1315 to 1342) IST





Sand And Dust Identification

2025-05-17 08:30(UTC)

