



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



Daily reports of Satellite imagery analysis. Date & Time: 13/11/2025, 06:00 UTC

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

Details: according to satellite imagery analysis the western area has weak cold air mass also the central, northeastern, southeastern and northwestern areas have warm air mass with (High UTH). The western, central and southeastern areas have weak dust. The southern, western, northeastern, northwestern and southwestern areas have moderate water vapor the northern, eastern, central and southeastern areas have weak water vapor.

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

Reported by: Mohammad Jawed Moradi

UTC: 2025-11-13 05:45

AirMass



Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



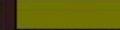
Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

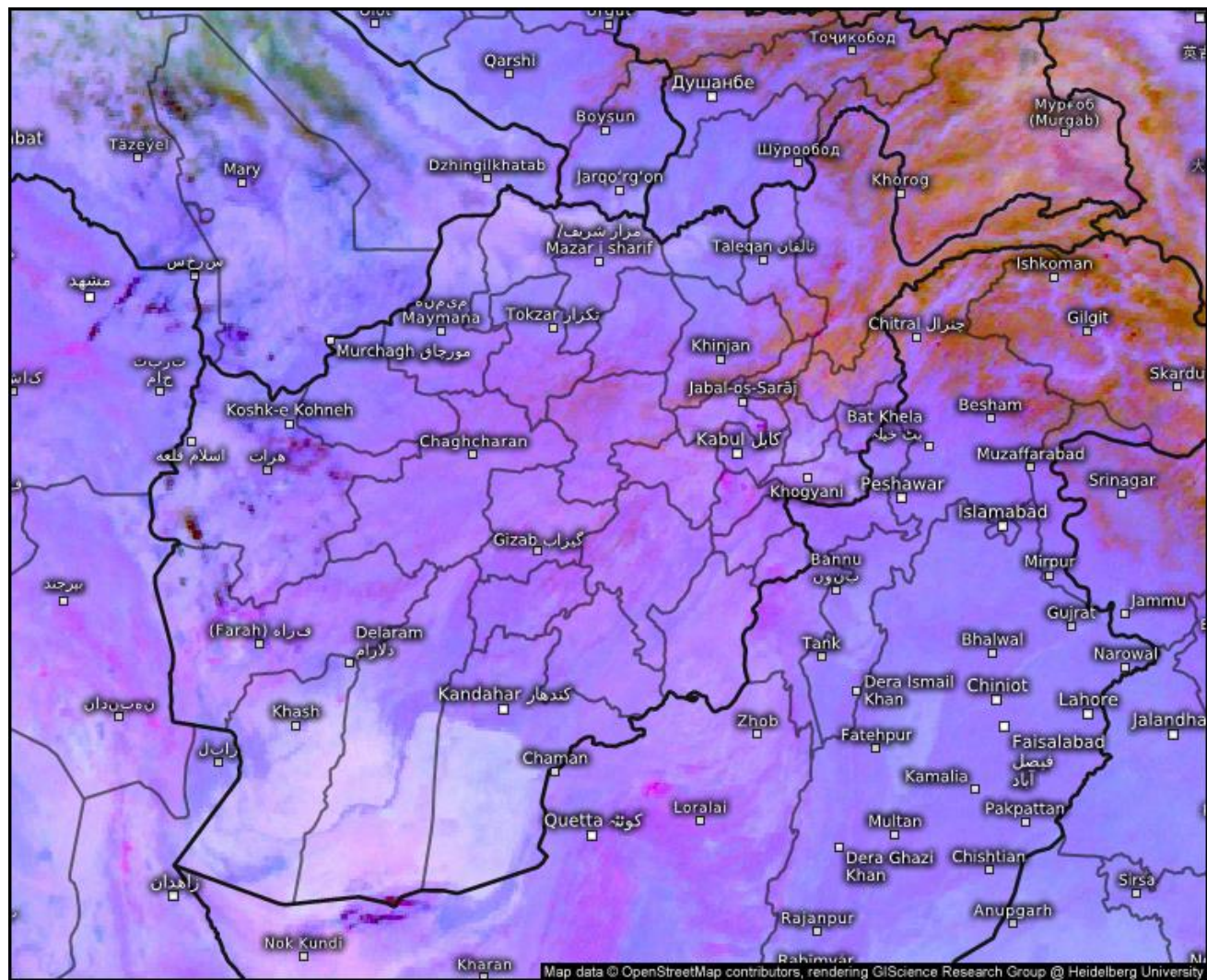
R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.8)

B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)





Satellite Dust

Thu 11/13/2025, 10:30am GMT+0430

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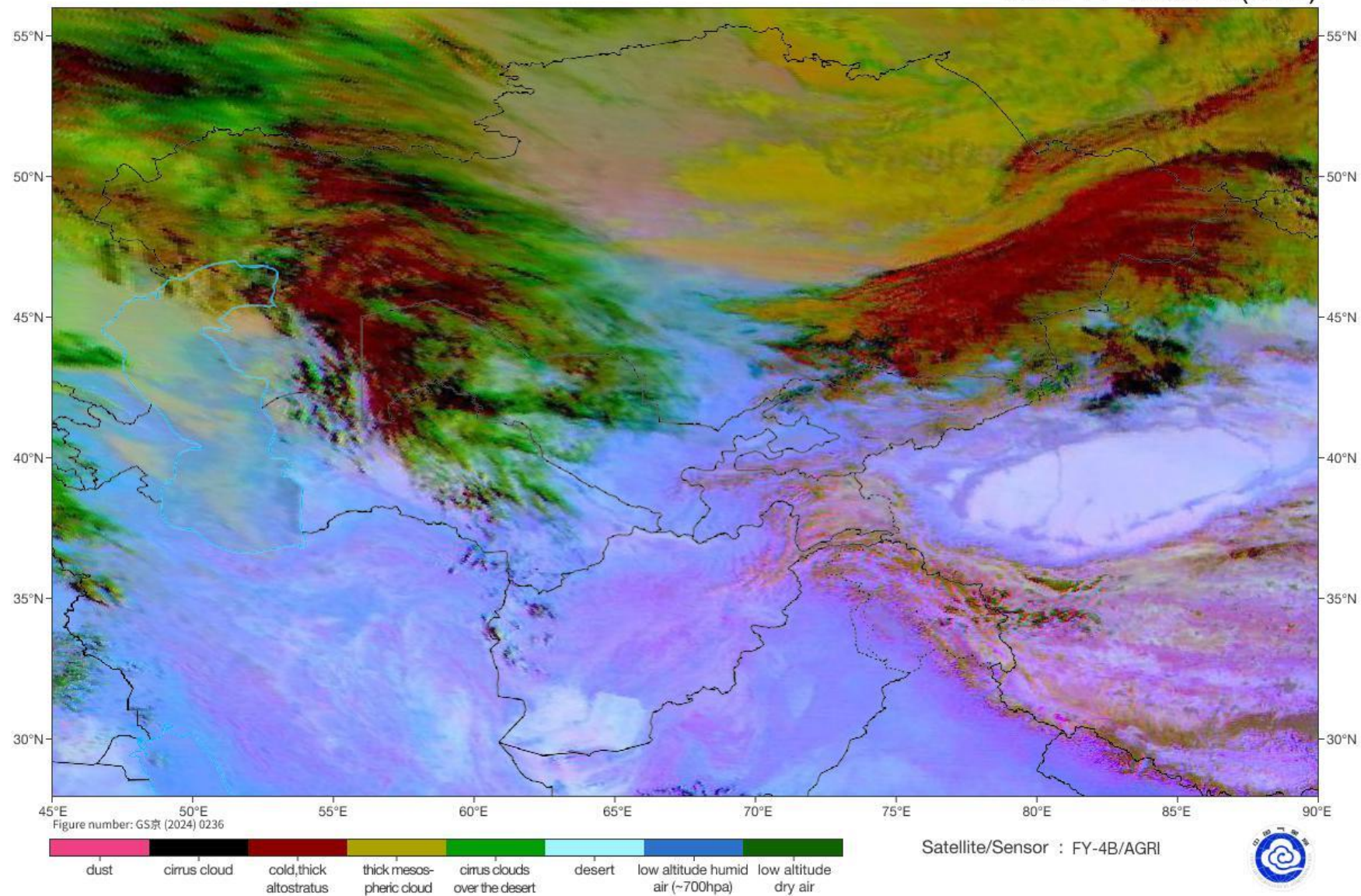
Afghanistan

meteologix.com

Satellite data: EUMETSAT

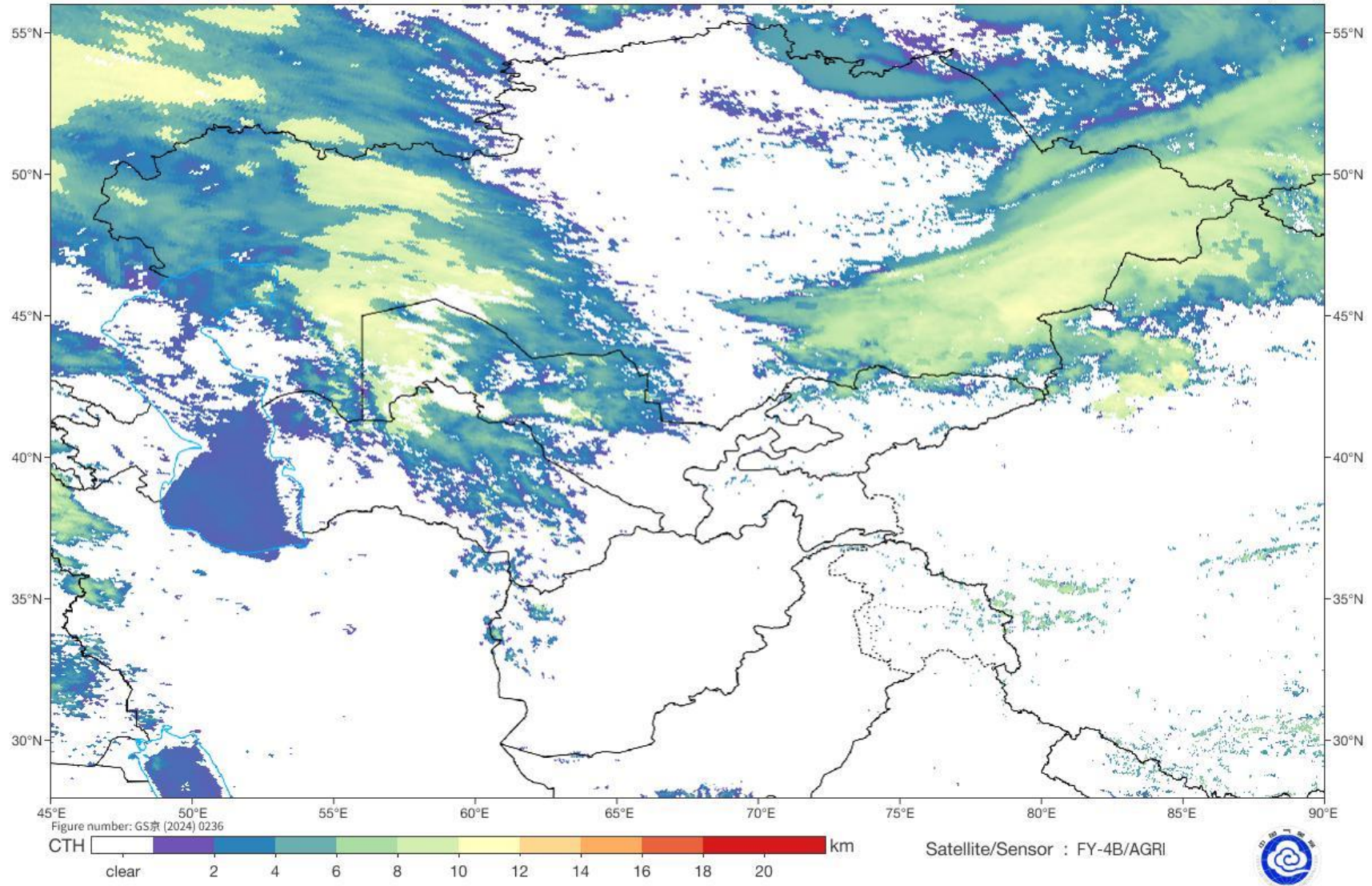
Sand And Dust Identification

2025-11-13 05:45(UTC)

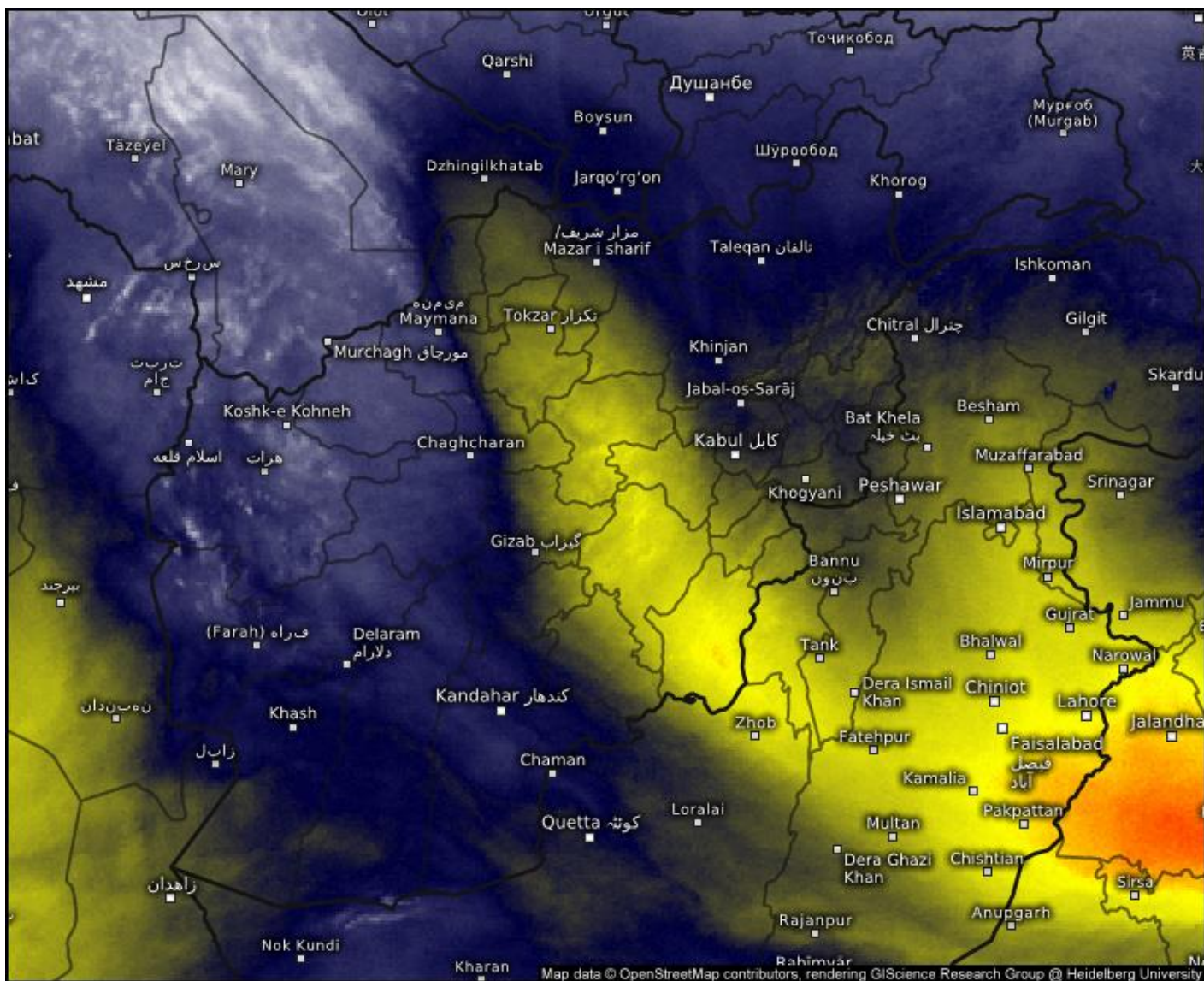


Cloud Top Height

2025-11-13 05:45(UTC)

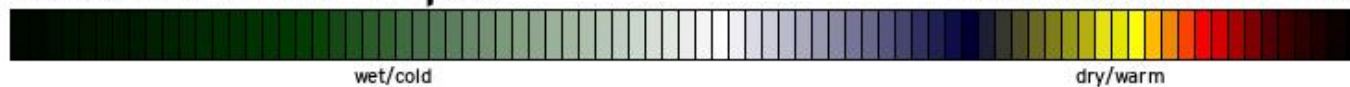






Satellite Water Vapor

Thu 11/13/2025, 10:30am GMT+0430



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 Afghanistan

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Satellite data: EUMETSAT

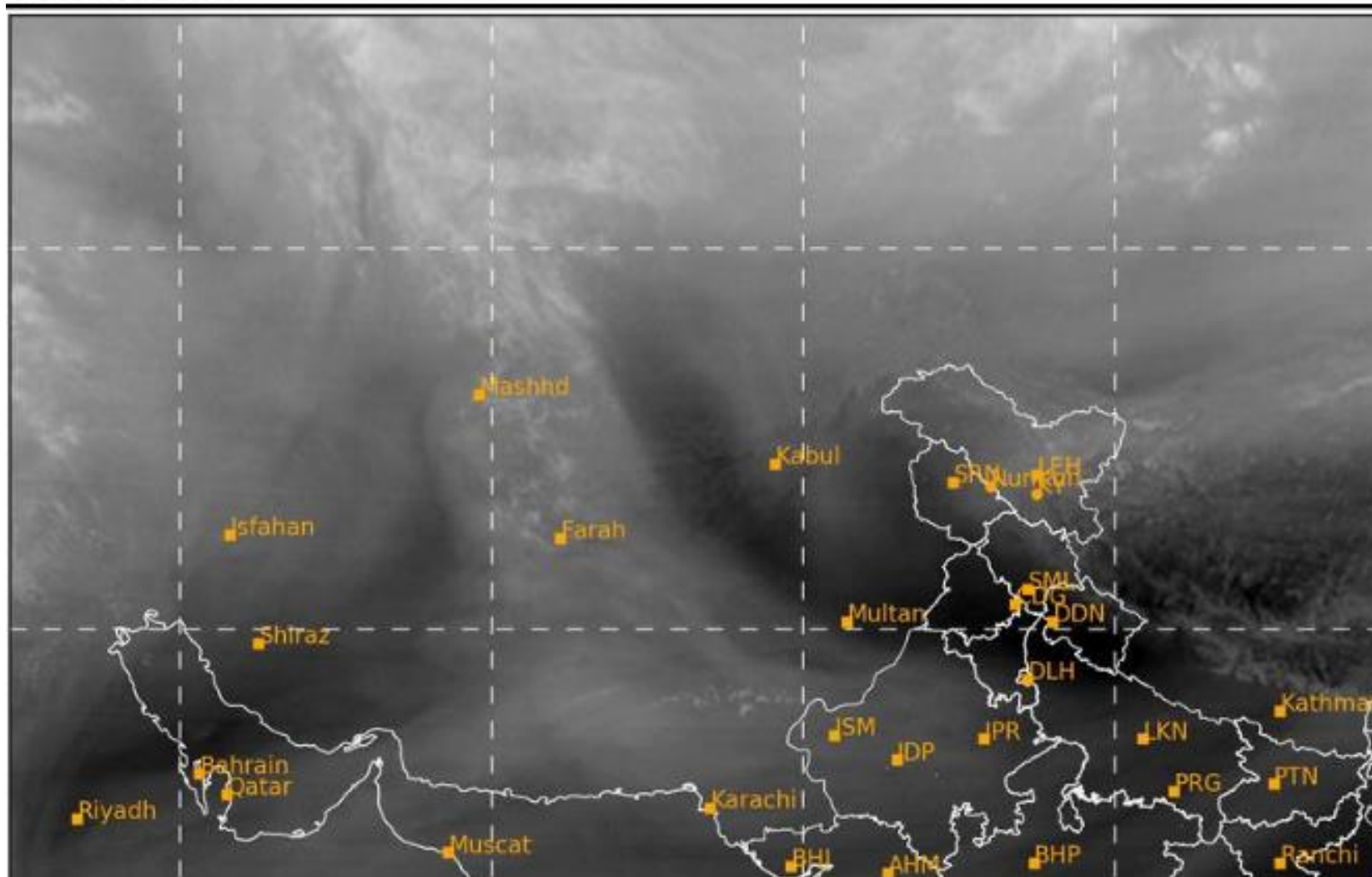
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

13-11-2025/(0445 to 0512) GMT

13-11-2025/(1015 to 1042) IST



SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

13-11-2025/(0445 to 0512) GMT
13-11-2025/(1015 to 1042) IST

