



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



Daily reports of Satellite imagery analysis. Date & Time: 27-08-2026, 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	✓ dry	X	X	
2	South	X	✓	X	X	X	✓ dry	X	X	
3	West	X	✓	X	X	X	✓ dry	X	X	
4	East	✓	X	X	X	X	✓ dry	X	X	
5	central	X	✓	X	X	X	✓ dry	X	X	
6	Northeast	X	X	X	X	X	✓ dry	X	X	
7	Southeast	✓	✓	X	X	X	✓ dry	X	X	
8	Northwest	X	✓	X	X	X	✓ dry	X	X	
9	Southwest	X	✓	X	X	X	✓ dry	X	X	

Details: according to satellite imagery analysis, the eastern and southeastern areas are weak warm air mass. the southern, western, central, southeastern, northwestern and southwestern areas are weak dust. The all regions are dry.

Not: v (existing phenomena) X (Not existing phenomena)

Reported by: Mohammad Jawed Moradi

UTC: 2026-08-27 06:00

AirMass



Thick,
high-level cloud



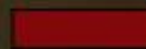
Thick,

mid-level cloud



Thick,

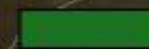
low-level cloud



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)

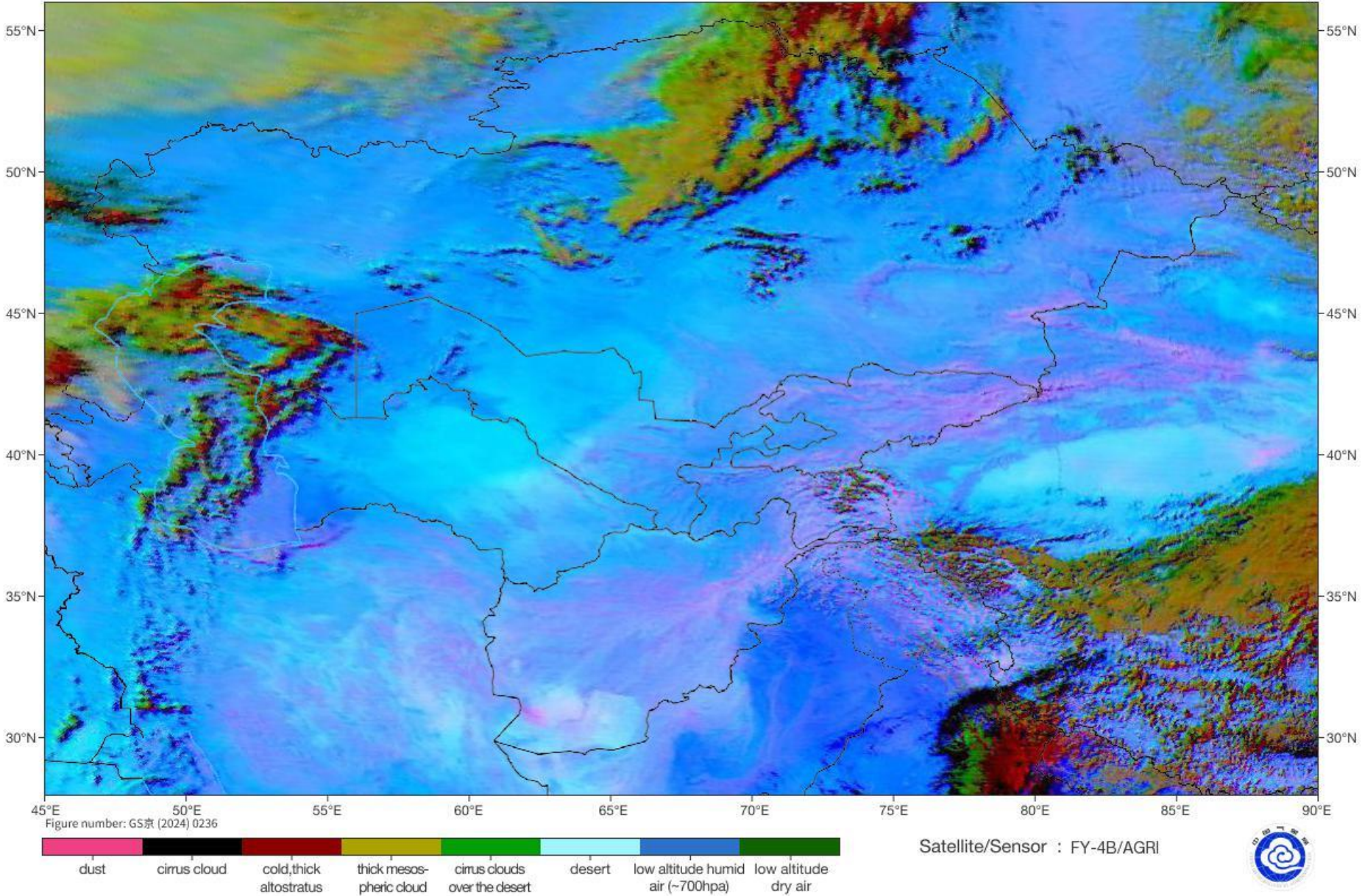
B = WV (6.25)

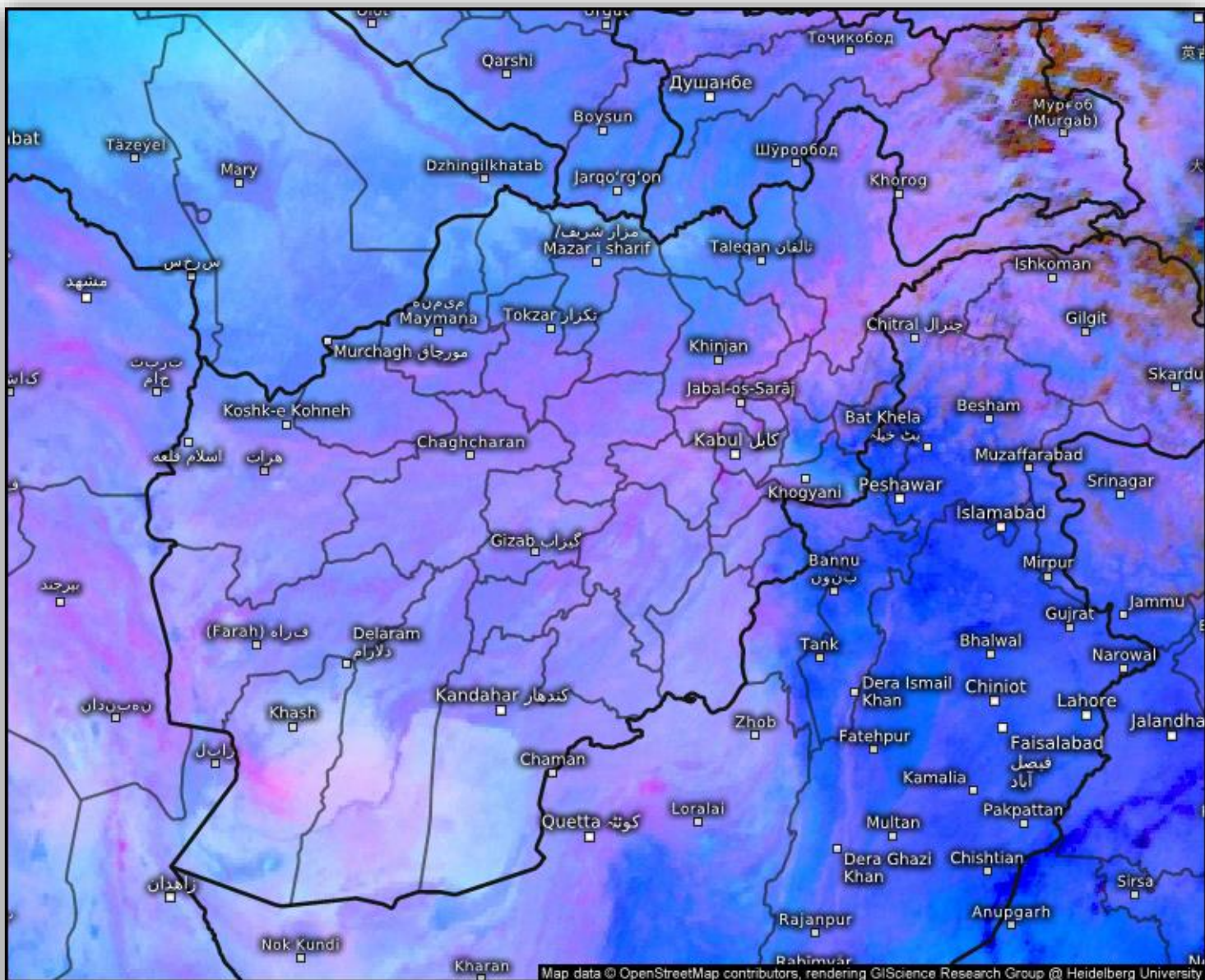
FY-4B AirMass RGB Composite (From WMO)



Sand And Dust Identification

2026-08-27 06:00(UTC)





Satellite Dust

Thu 08/27/2026, 10:15am GMT+0430

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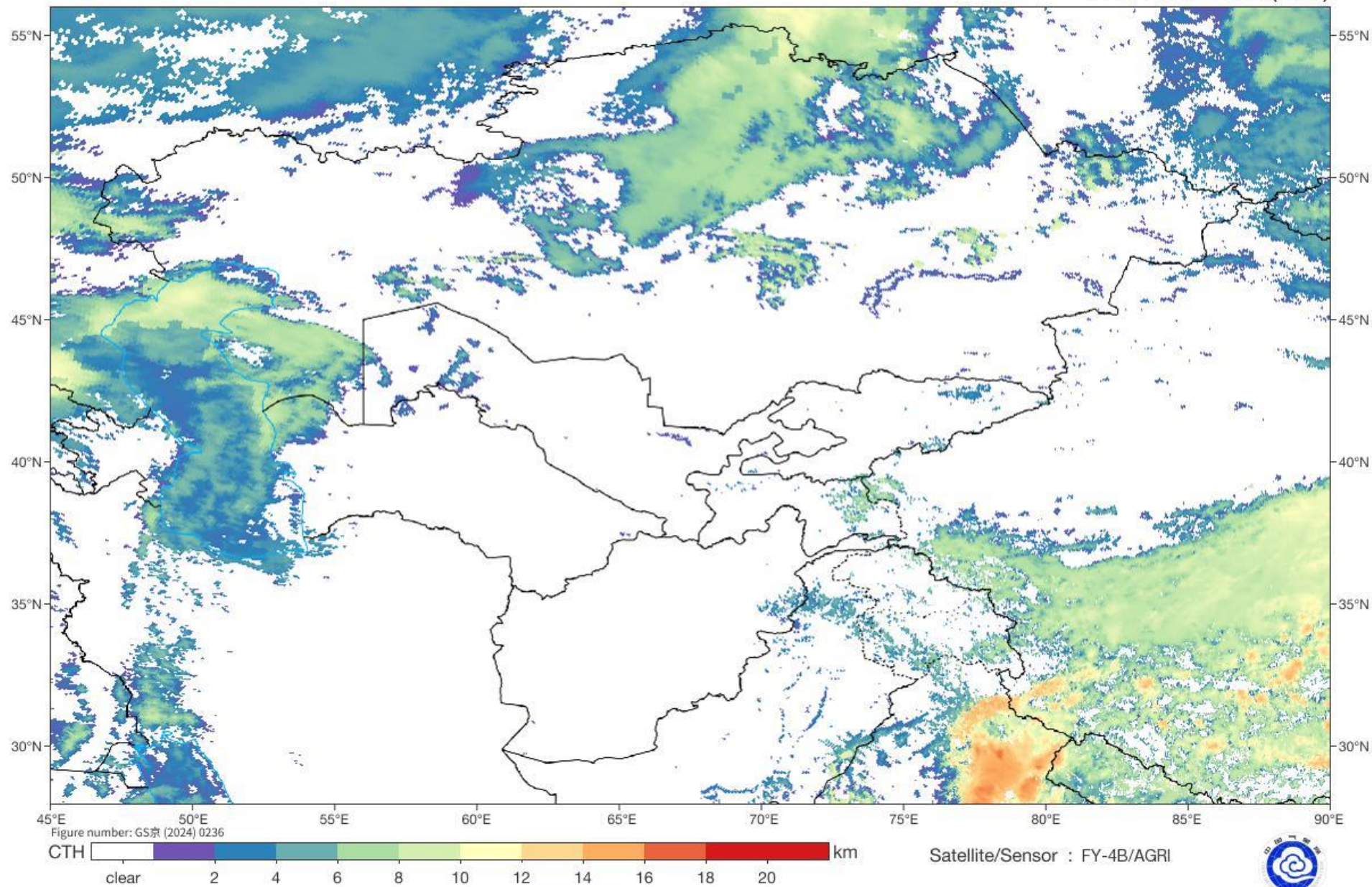
Afghanistan

 **meteologix**

Satellite data: EUMETSAT

Cloud Top Height

2026-08-27 06:00(UTC)



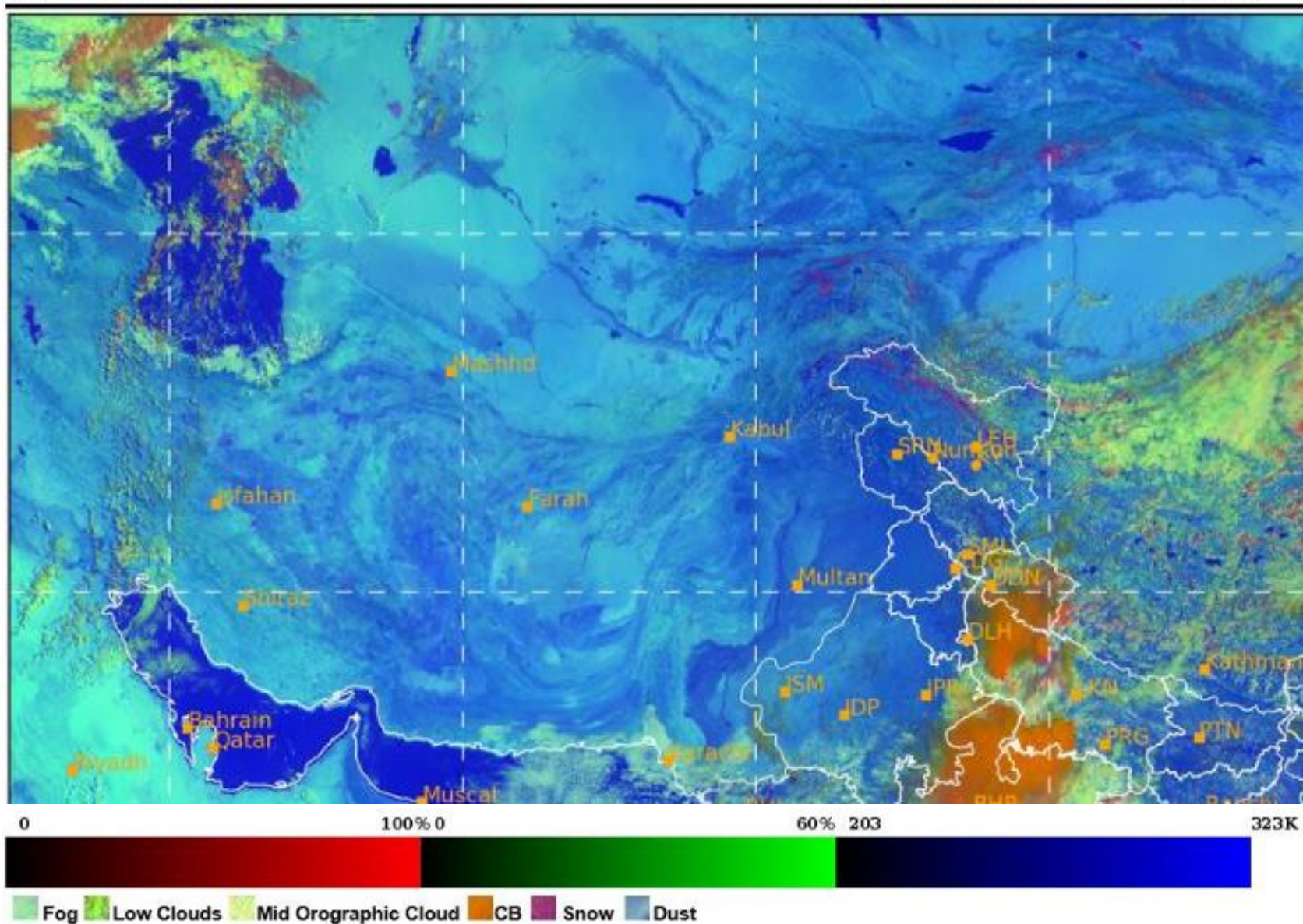
SAT : INSAT-3DR IMG

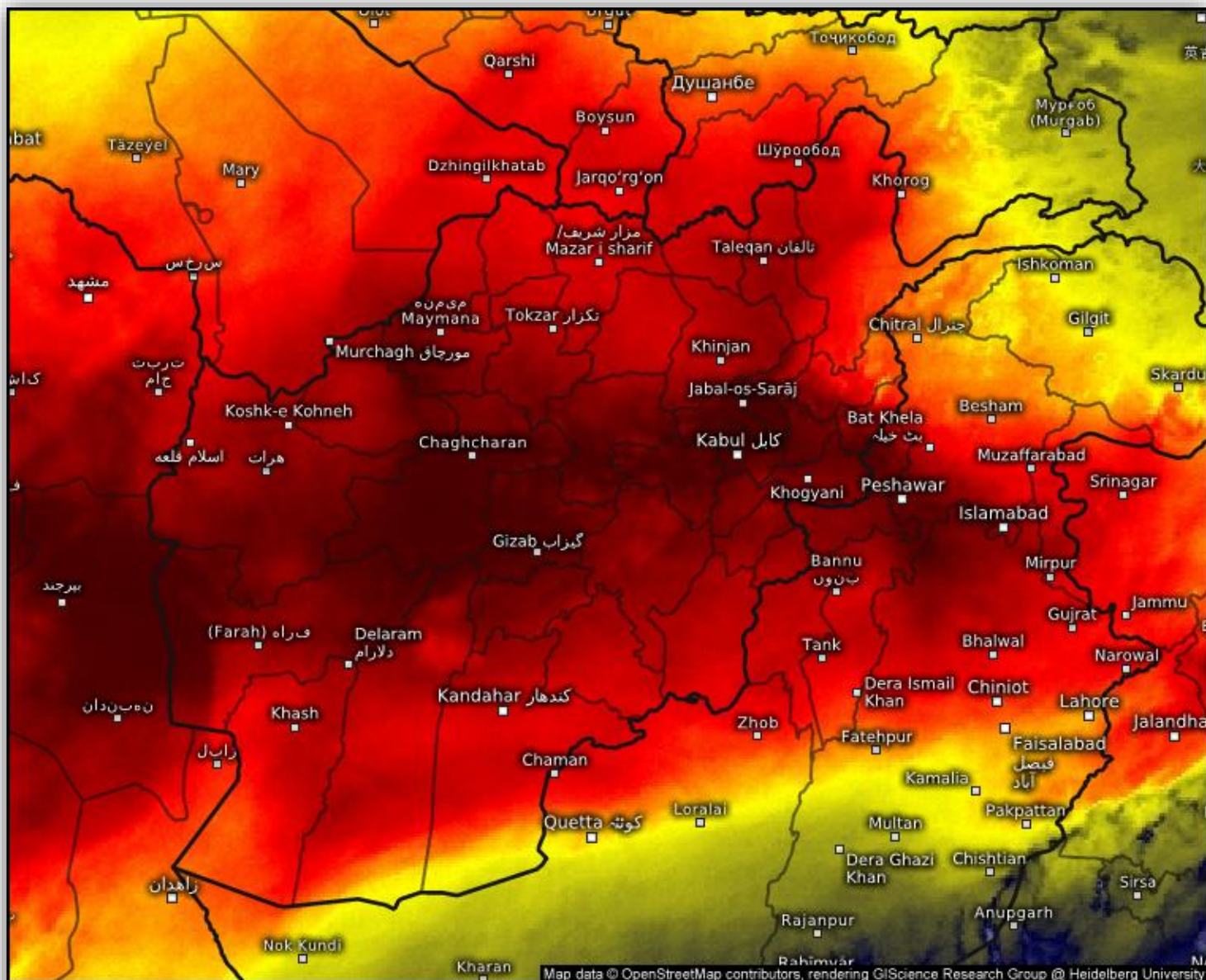
27-08-2026/(0415 to 0442) GMT

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

L1C Mercator

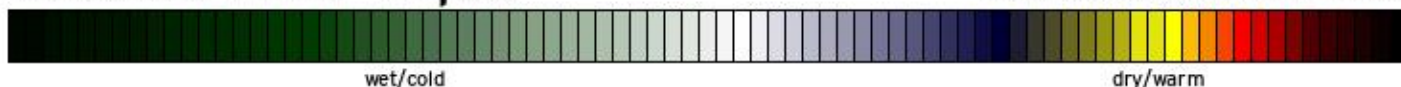
27-08-2026/(0945 to 1012) IST





Satellite Water Vapor

Thu 08/27/2026, 10:30am GMT+0430



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Afghanistan

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Satellite data: EUMETSAT

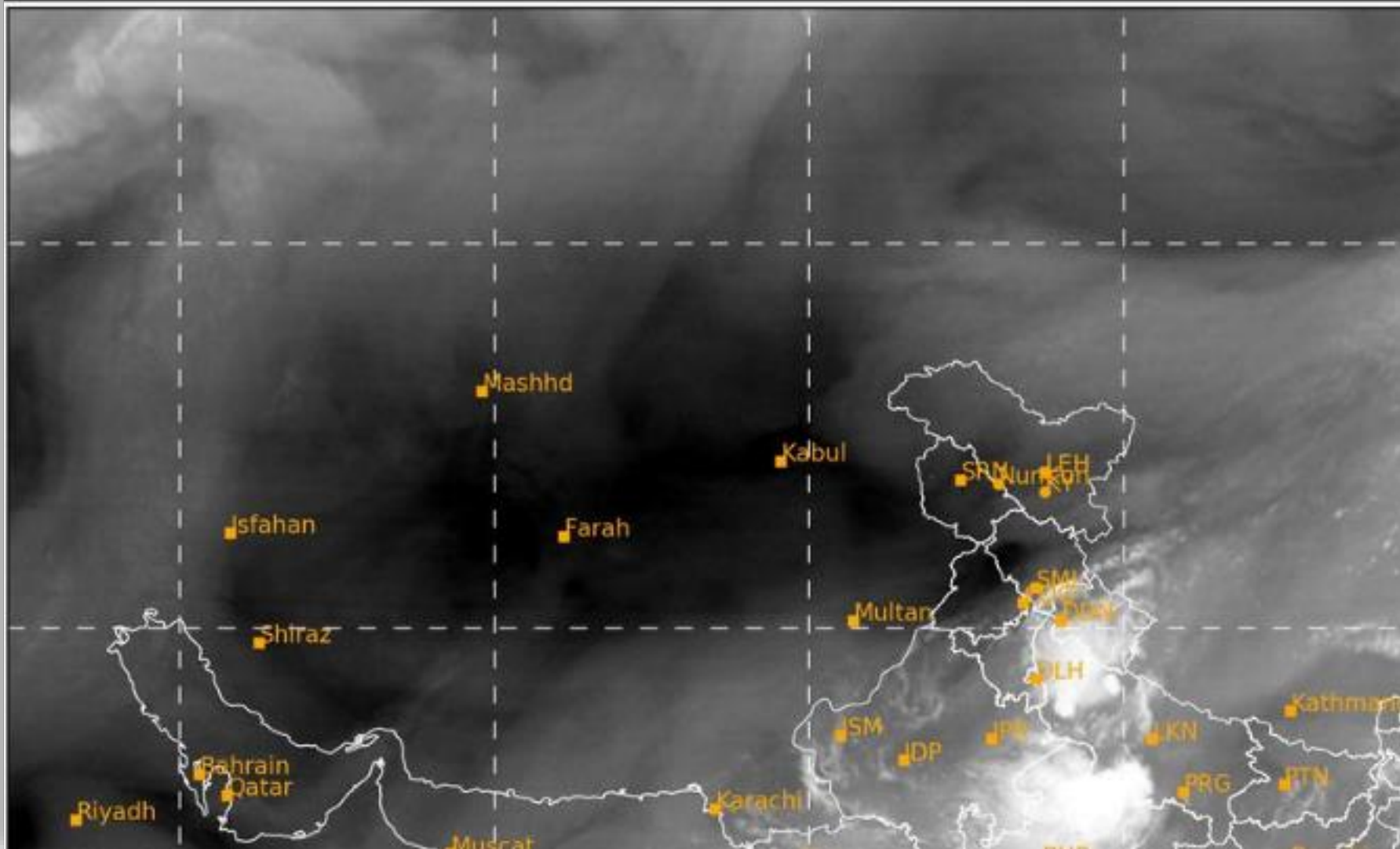
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

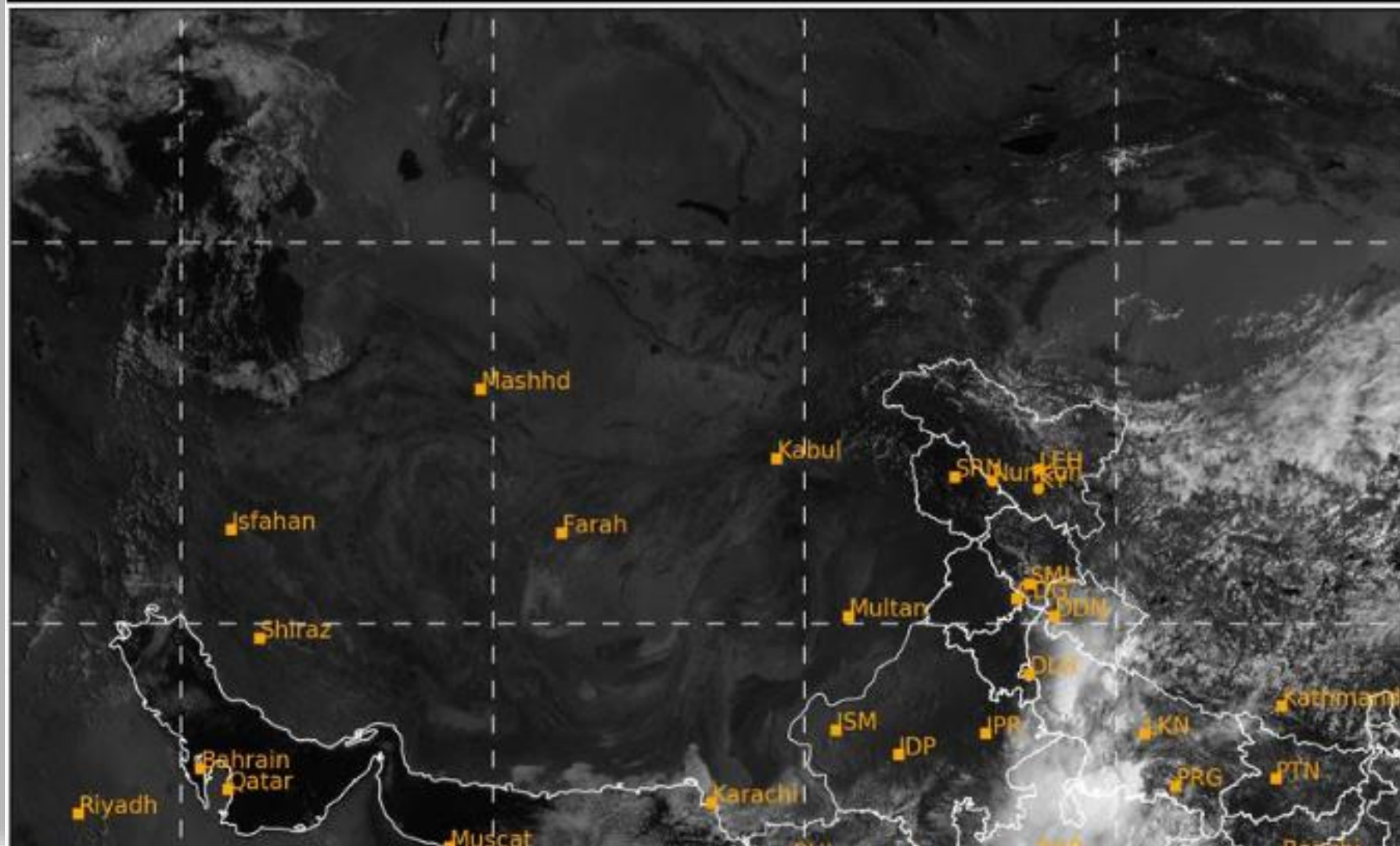
27-08-2026/(0415 to 0442) GMT

27-08-2026/(0945 to 1012) IST



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

27-08-2026/(0415 to 0442) GMT
27-08-2026/(0945 to 1012) IST



Land Surface Temperature

2026-08-27 06:00(UTC)

