



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



Daily reports of Satellite imagery analysis. Date & Time: 29-08-2026, 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	✓ dry	X	X	
5	central	X	✓	X	X	X	✓ dry	X	X	
6	Northeast	✓	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, northeastern and southeastern areas are weak warm air mass. the southern, western, central, southeastern, northwestern and southwestern areas are weak dust. The eastern area is partly cloudy sky. The all regions are dry.

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

Reported by: Mohammad Jawed Moradi

UTC: 2026-08-29 06:00

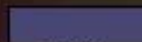
AirMass



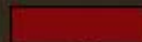
Thick,
high-level cloud



Thick,
mid-level cloud



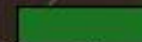
Thick,
low-level cloud



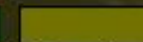
Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.8)

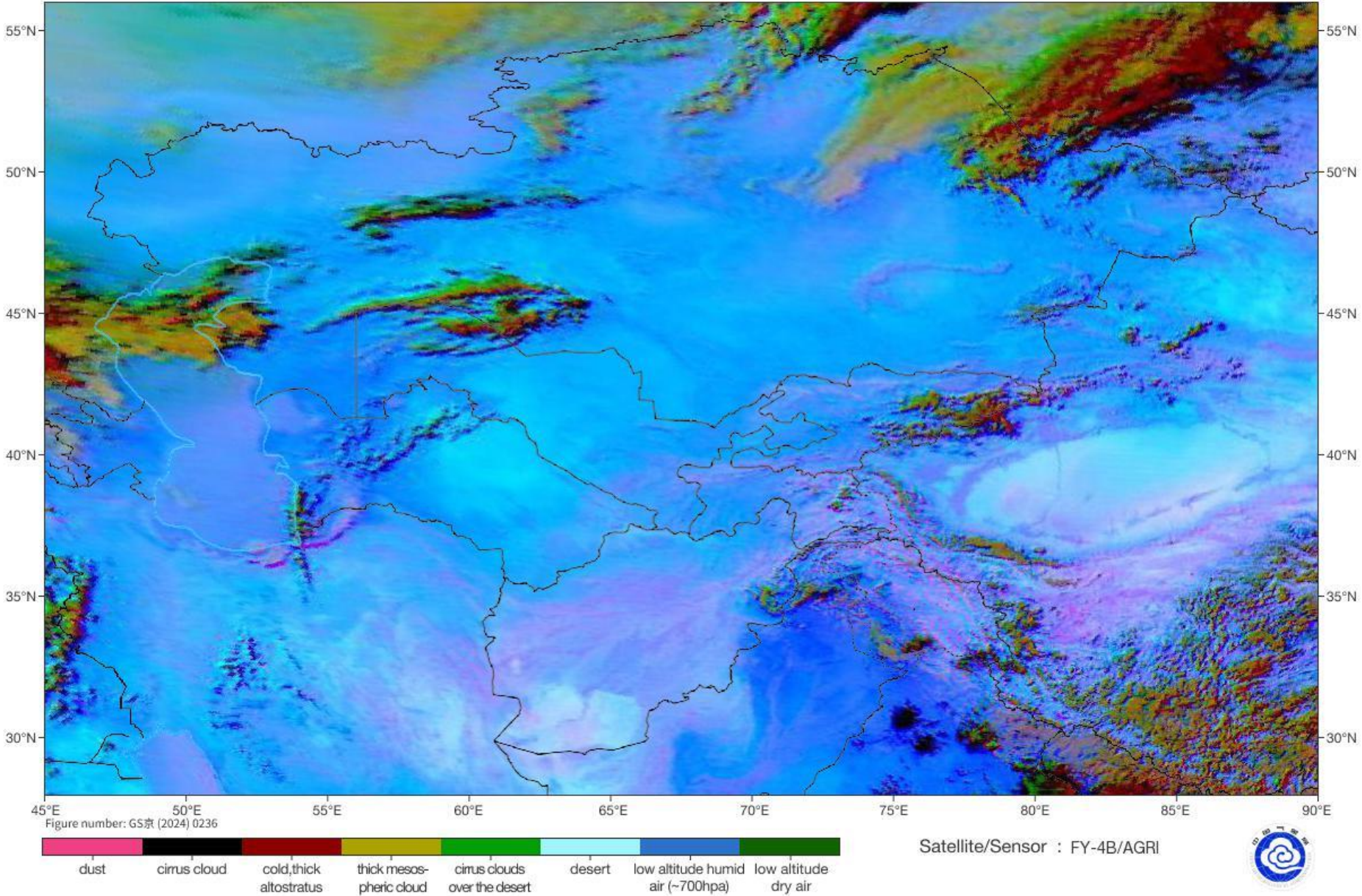
B = WV (6.25)

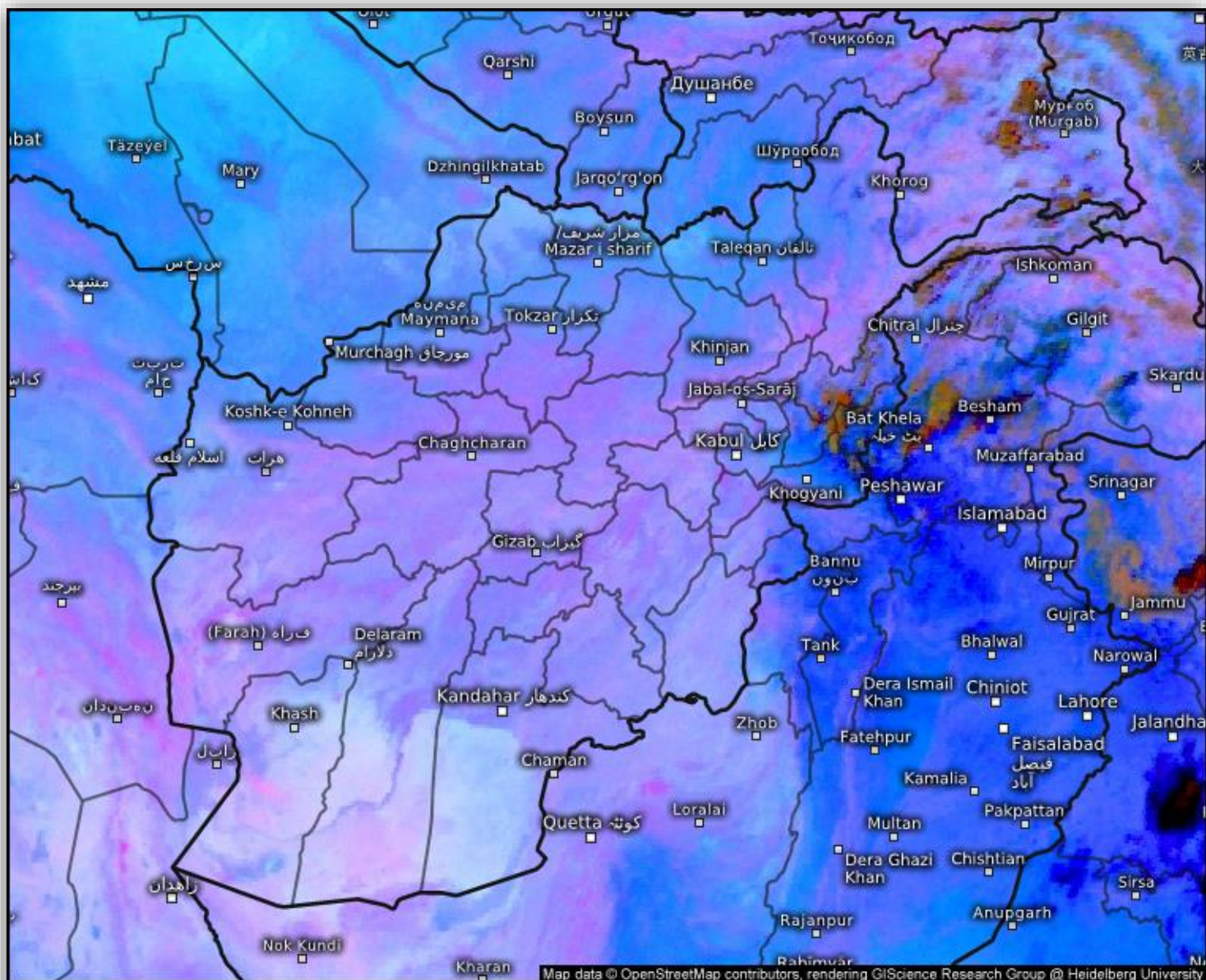
FY-4B AirMass RGB Composite (From WMO)



Sand And Dust Identification

2026-08-29 06:00(UTC)





Satellite Dust

Sat 08/29/2026, 10:30am GMT+0430

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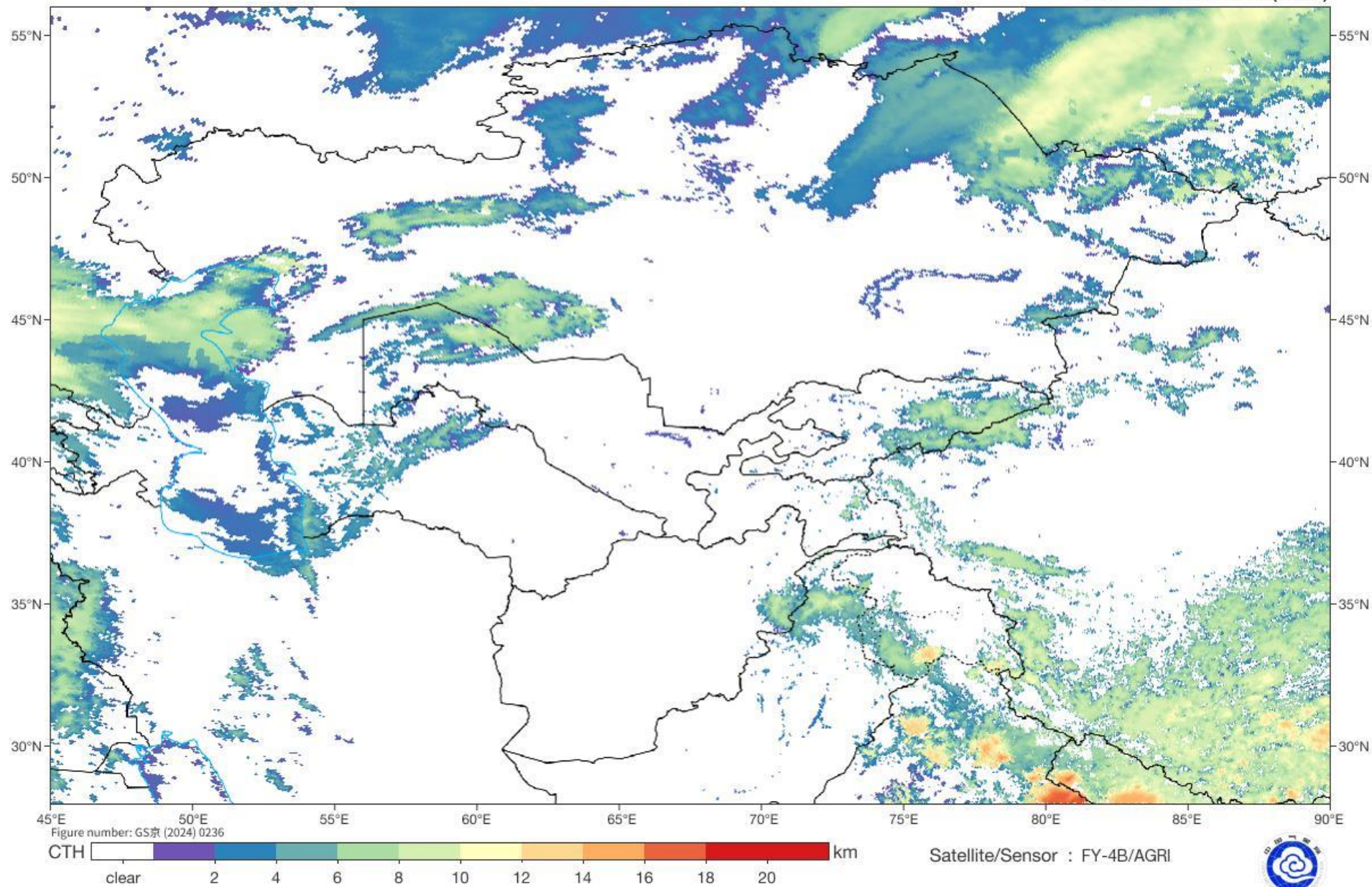
Afghanistan

meteologix

Satellite data: EUMETSAT

Cloud Top Height

2026-08-29 06:00(UTC)



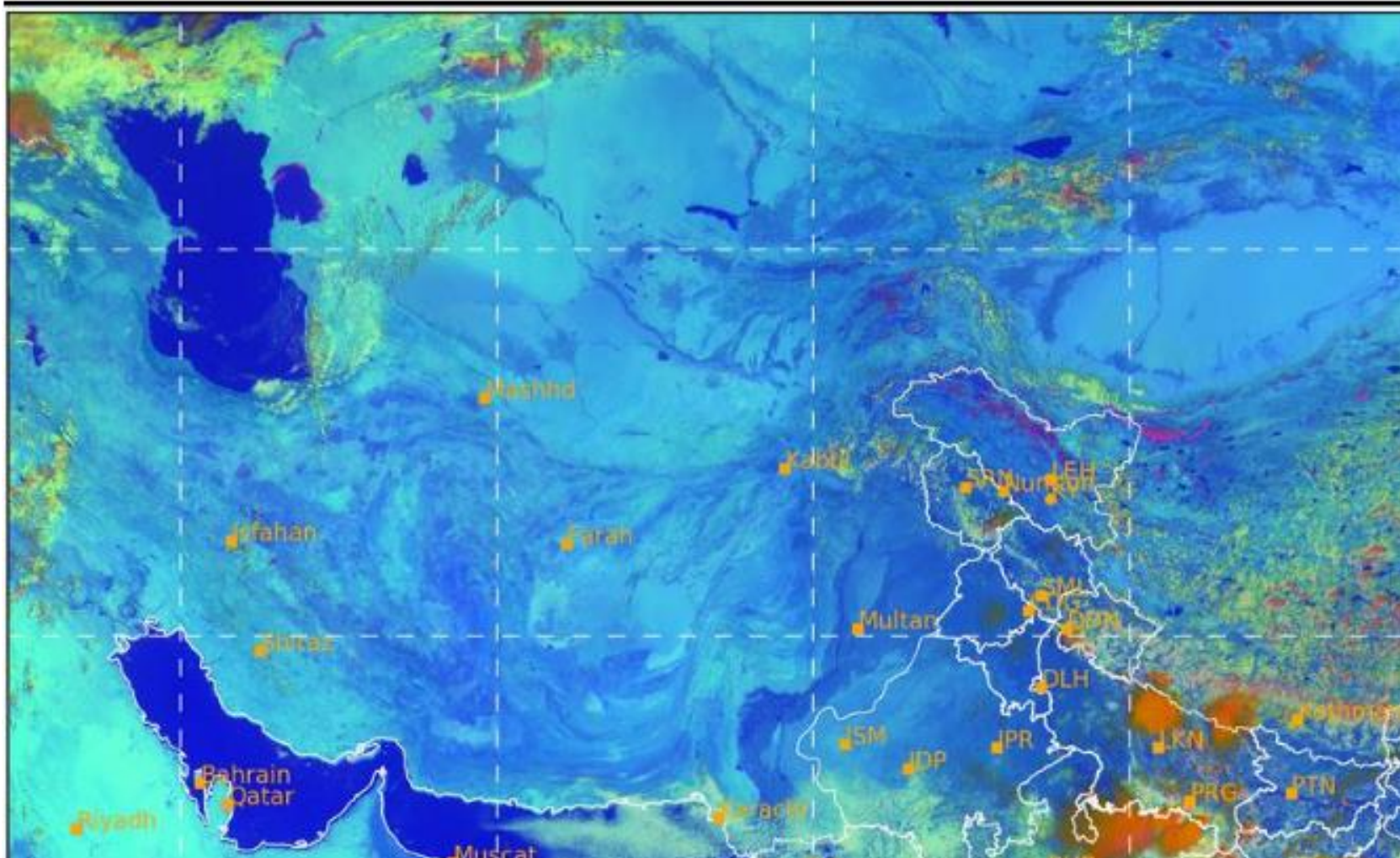
SAT : INSAT-3DR IMG

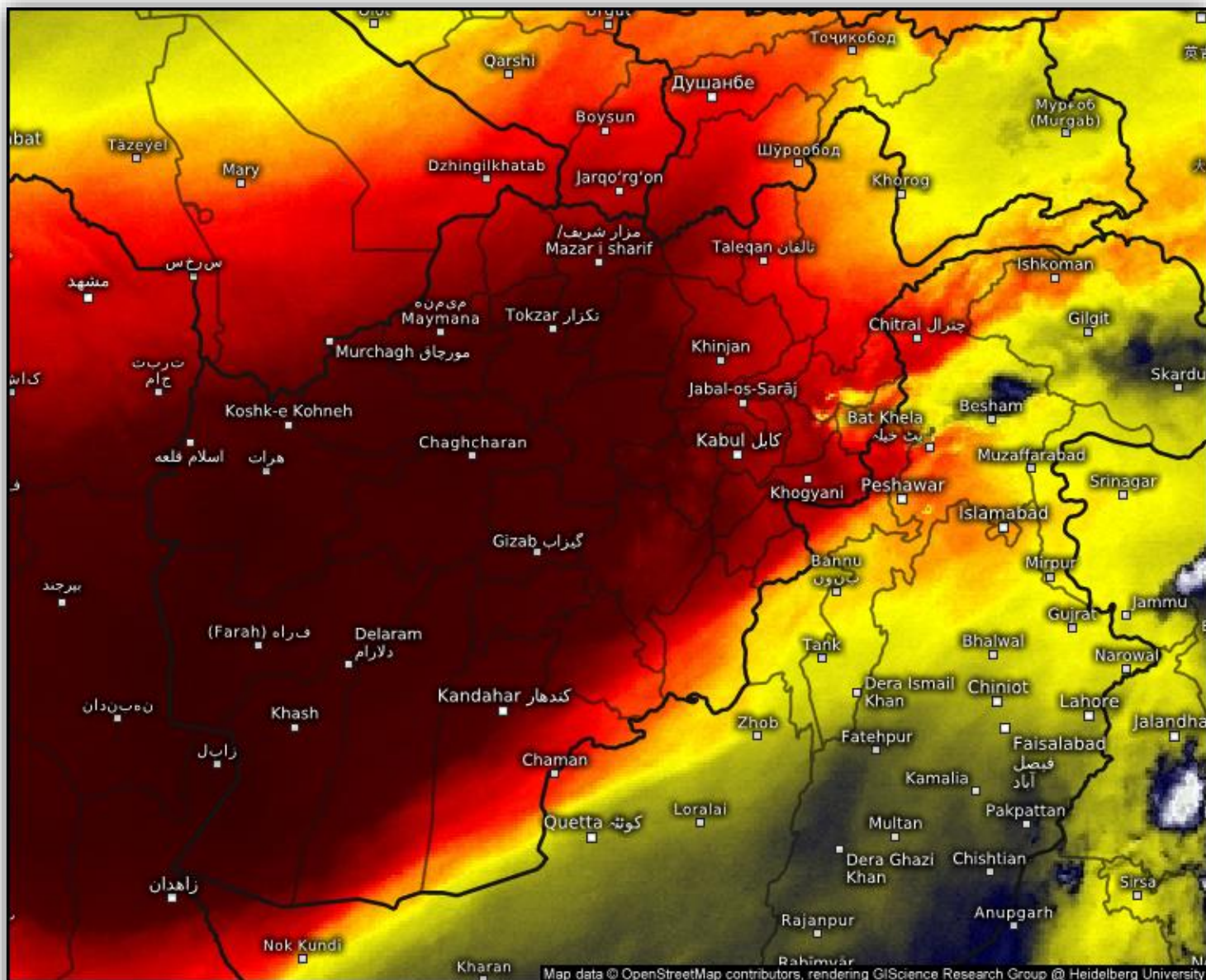
29-08-2026/(0515 to 0542) GMT

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

L1C Mercator

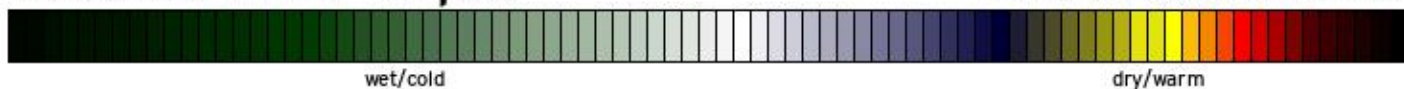
29-08-2026/(1045 to 1112) IST





Satellite Water Vapor

Sat 08/29/2026, 10:30am GMT+0430



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Satellite data: EUMETSAT

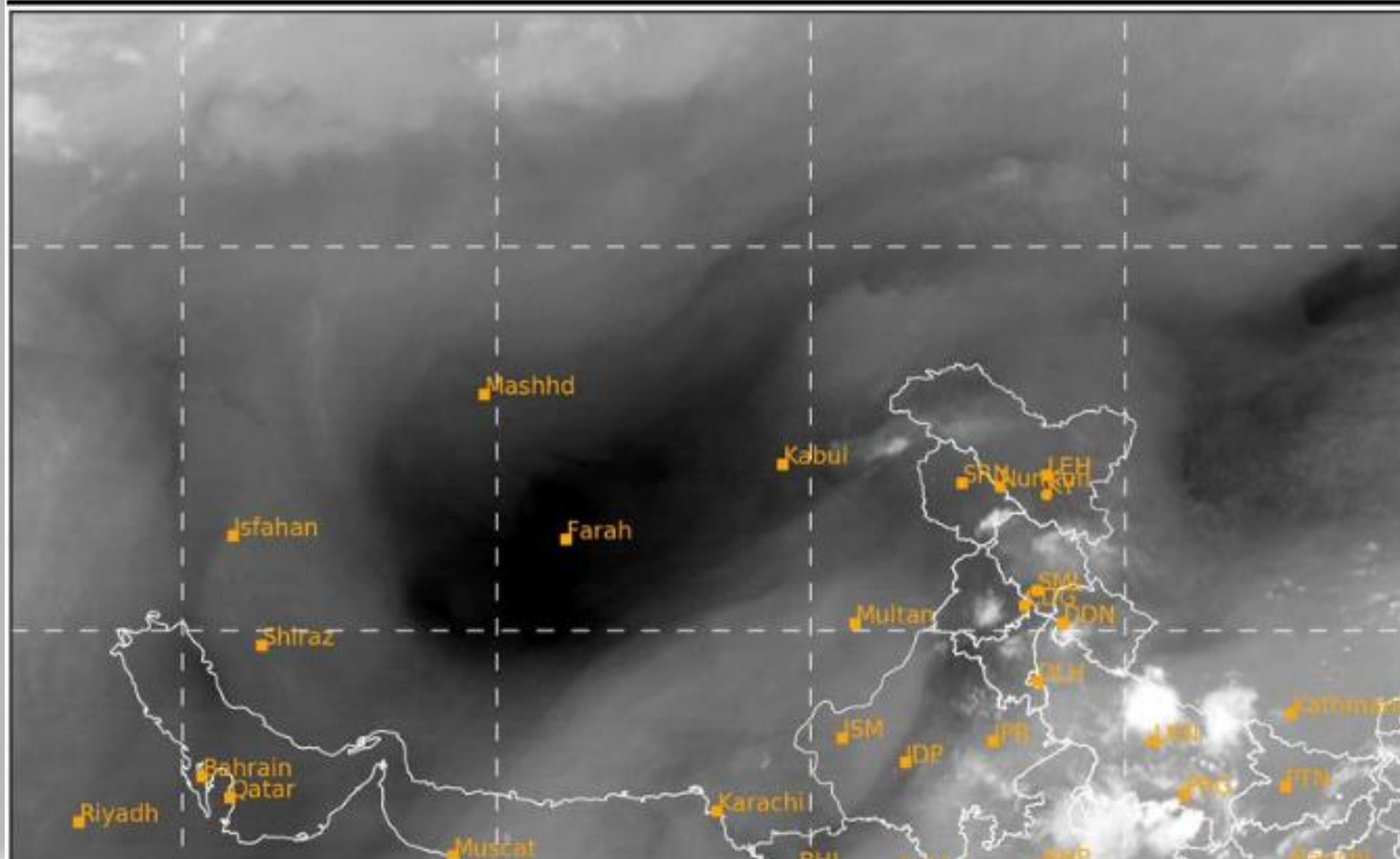
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

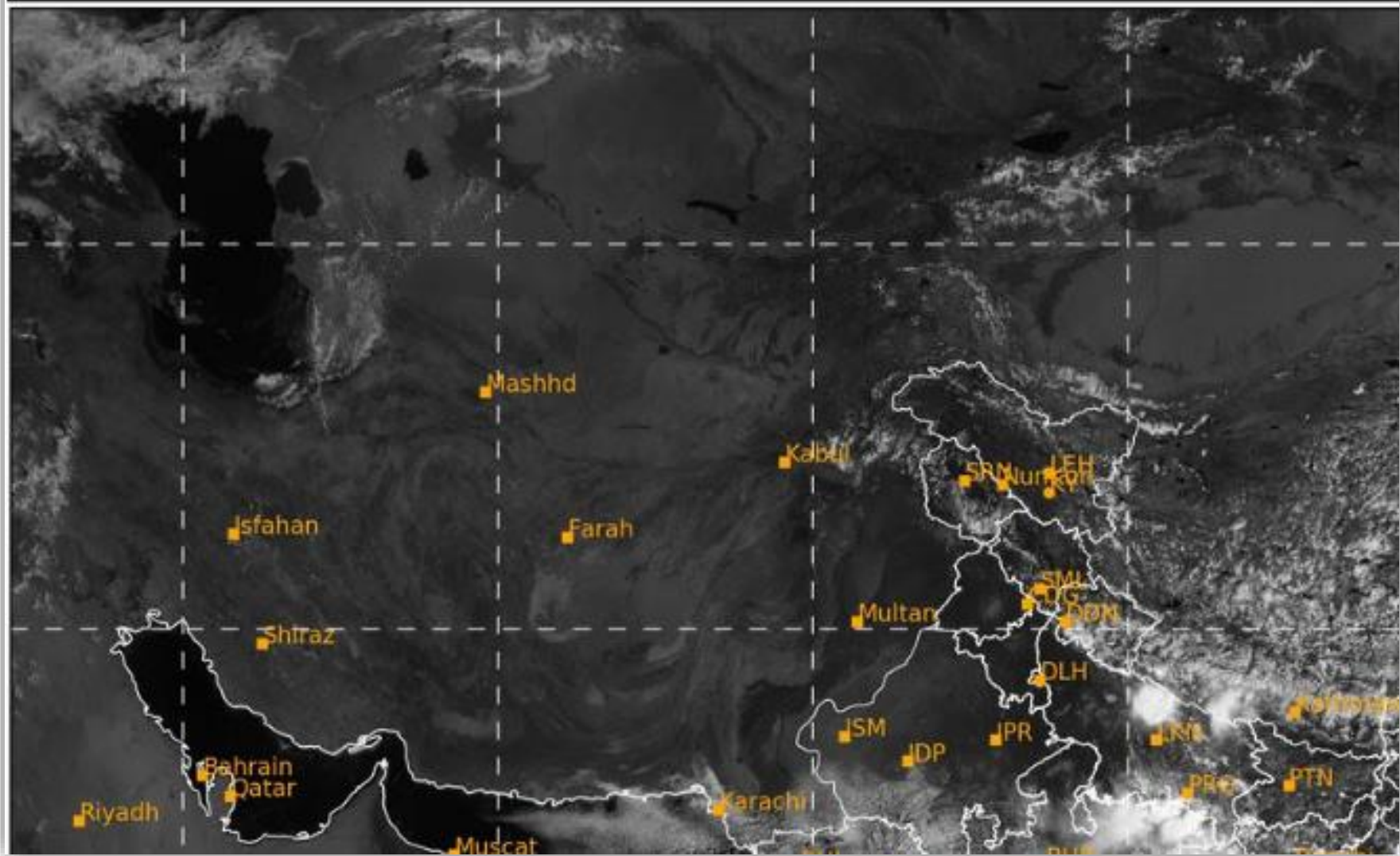
29-08-2026/(0515 to 0542) GMT

29-08-2026/(1045 to 1112) IST



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

29-08-2026/(0515 to 0542) GMT
29-08-2026/(1045 to 1112) IST



Land Surface Temperature

2026-08-29 06:00(UTC)

