



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



Daily reports of Satellite imagery analysis. Date & Time: 20-08-2026, 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	✓ weak	X	X	
2	South	X	X	X	X	X	✓ dry	X	X	
3	West	X	✓	X	X	X	✓ weak	X	X	
4	East	✓	X	X	X	X	✓ dry	X	X	
5	central	✓	✓	X	✓	X	✓ dry	X	X	
6	Northeast	✓	X	X	X	X	✓ dry	X	X	
7	Southeast	X	✓	X	X	X	✓ dry	X	X	
8	Northwest	X	✓	X	X	X	✓ weak	X	X	
9	Southwest	X	✓	X	X	X	✓ dry	X	X	

Details: according to satellite imagery analysis, the eastern, central and northeastern areas are weak warm air mass. the western, central, southeastern, northwestern and southwestern areas are weak dust. The central area is partly cloudy sky. The all regions are dry which the exception of northern, western and northwestern areas are weak water vapor.

Reported by: Mohammad Jawed Moradi

Not: X (Not existing phenomena) ✓ (existing phenomena)

UTC: 2026-08-20 06:00

AirMass

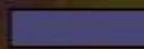


Thick,
high-level cloud



Thick,

mid-level cloud



Thick,

low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

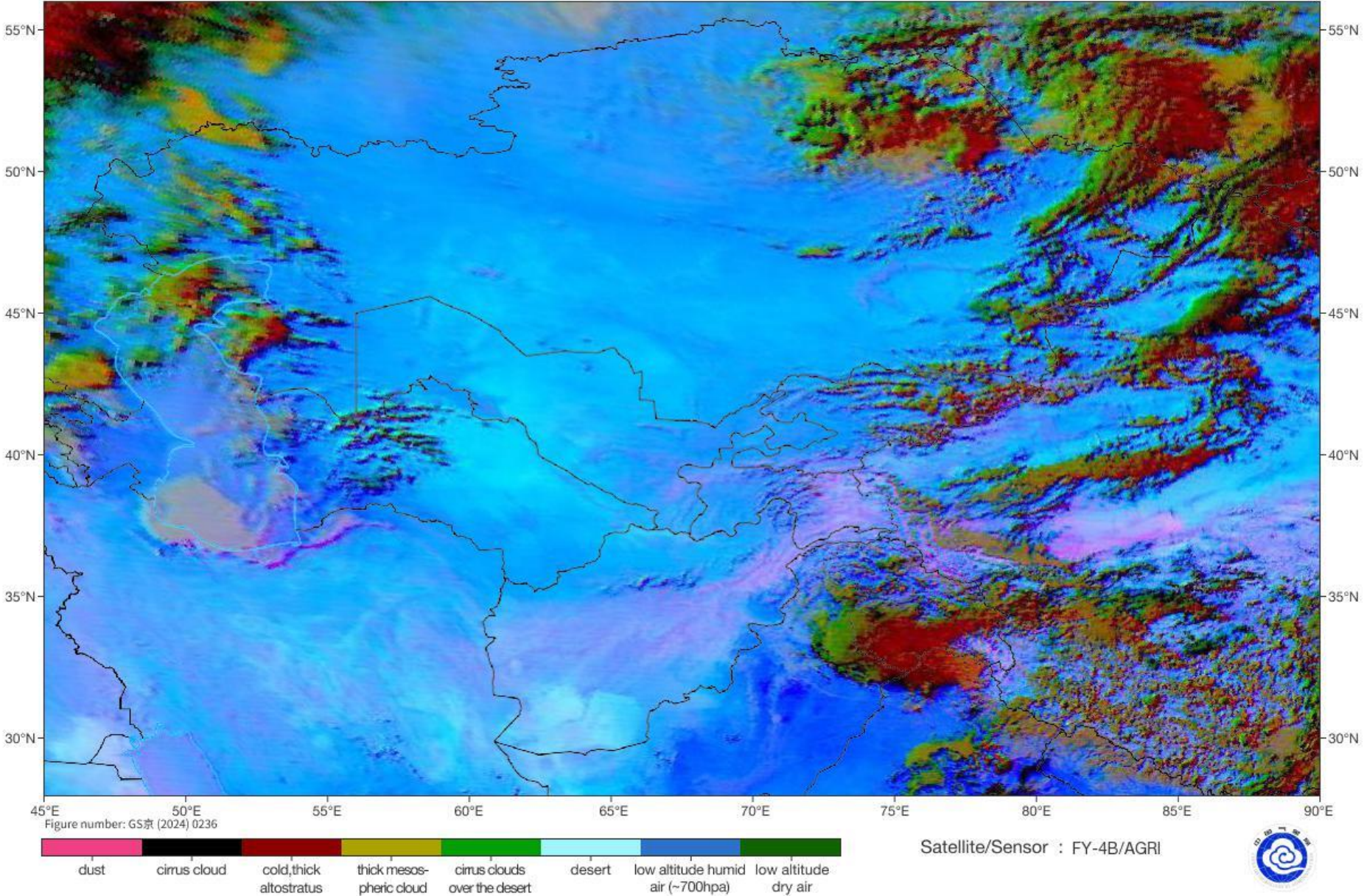
R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)

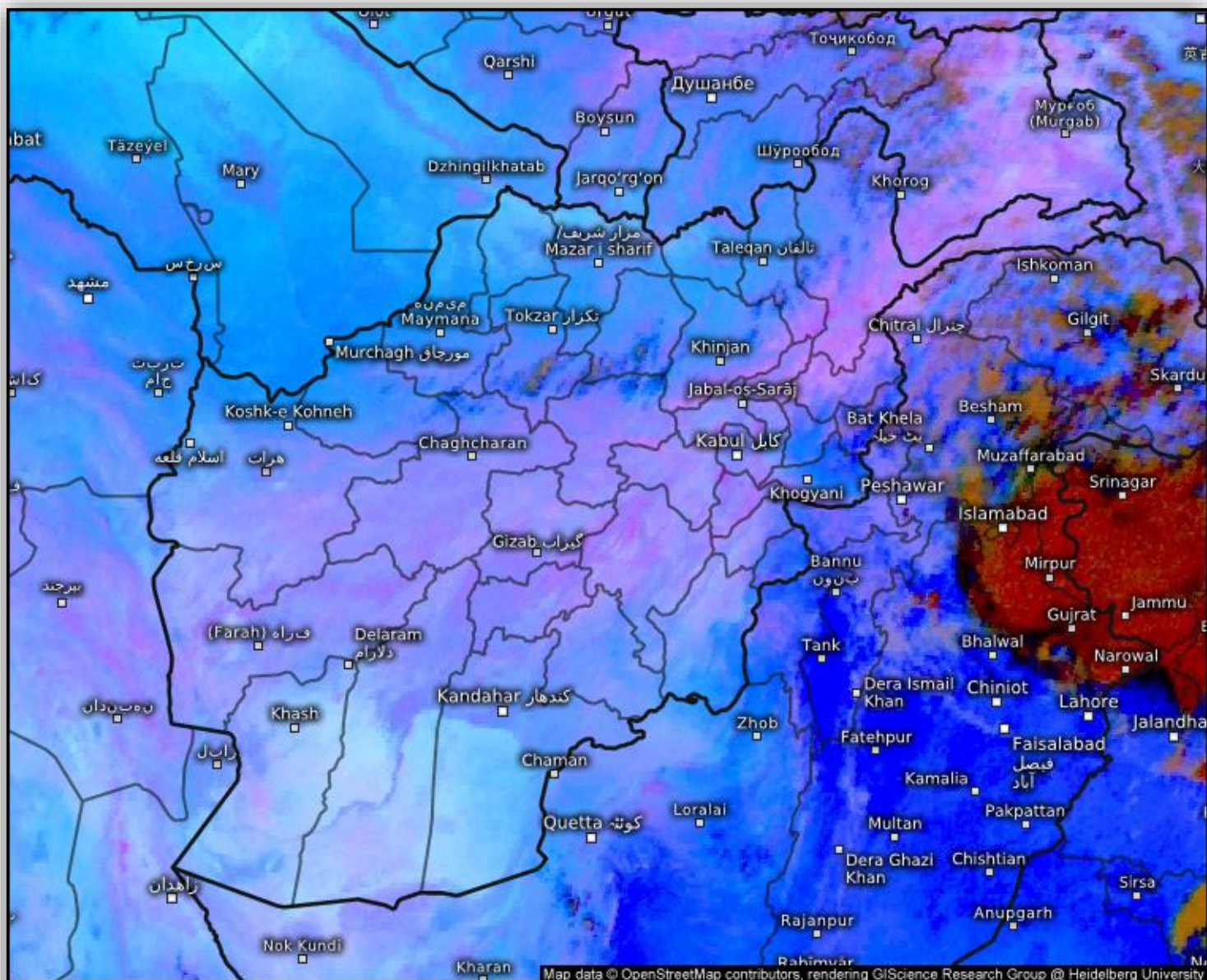
FY-4B AirMass RGB Composite (From WMO)



Sand And Dust Identification

2026-08-20 06:00(UTC)





Satellite Dust

Thu 08/20/2026, 10:30am GMT+0430

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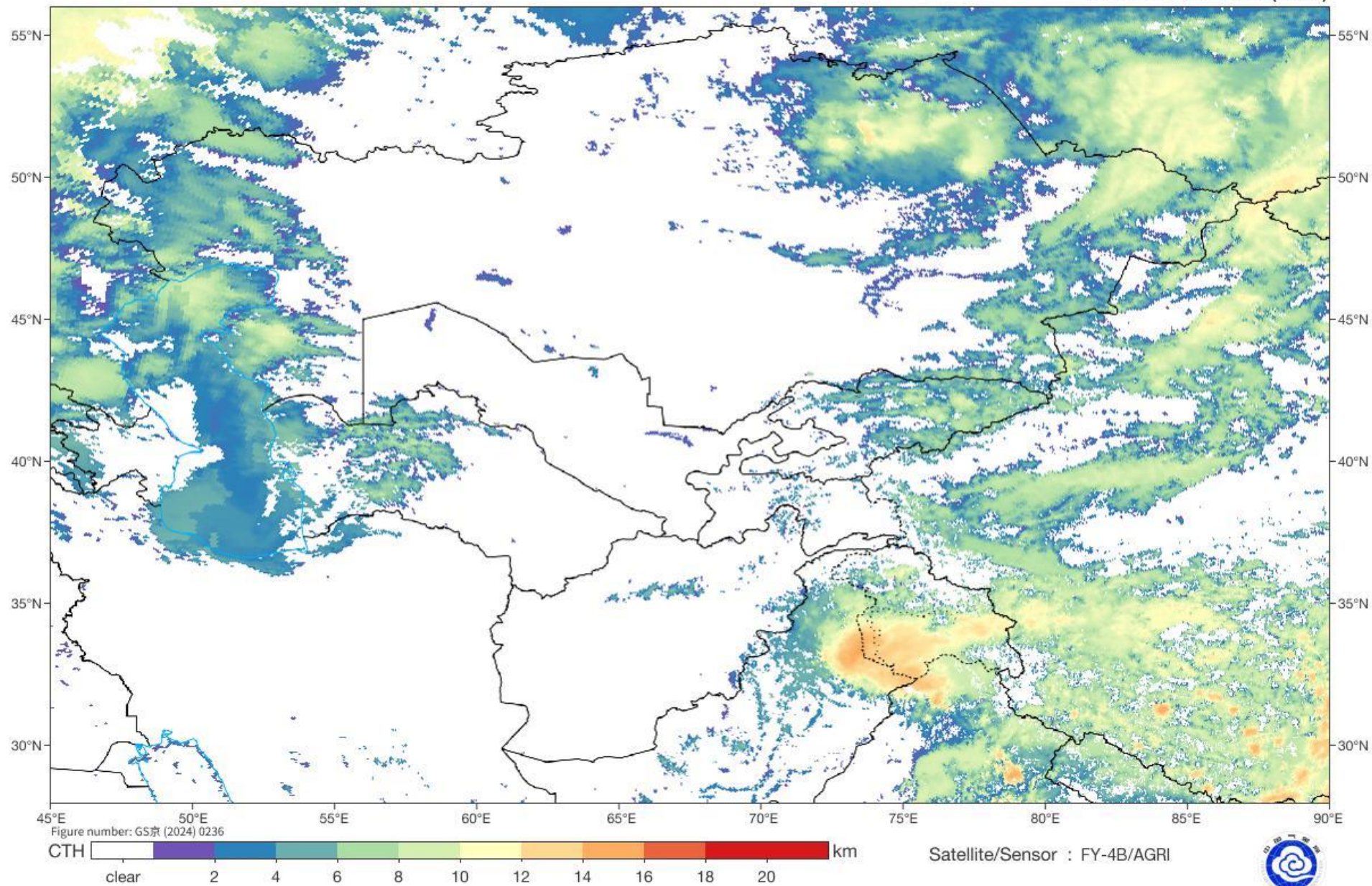
Afghanistan

 **meteologix**

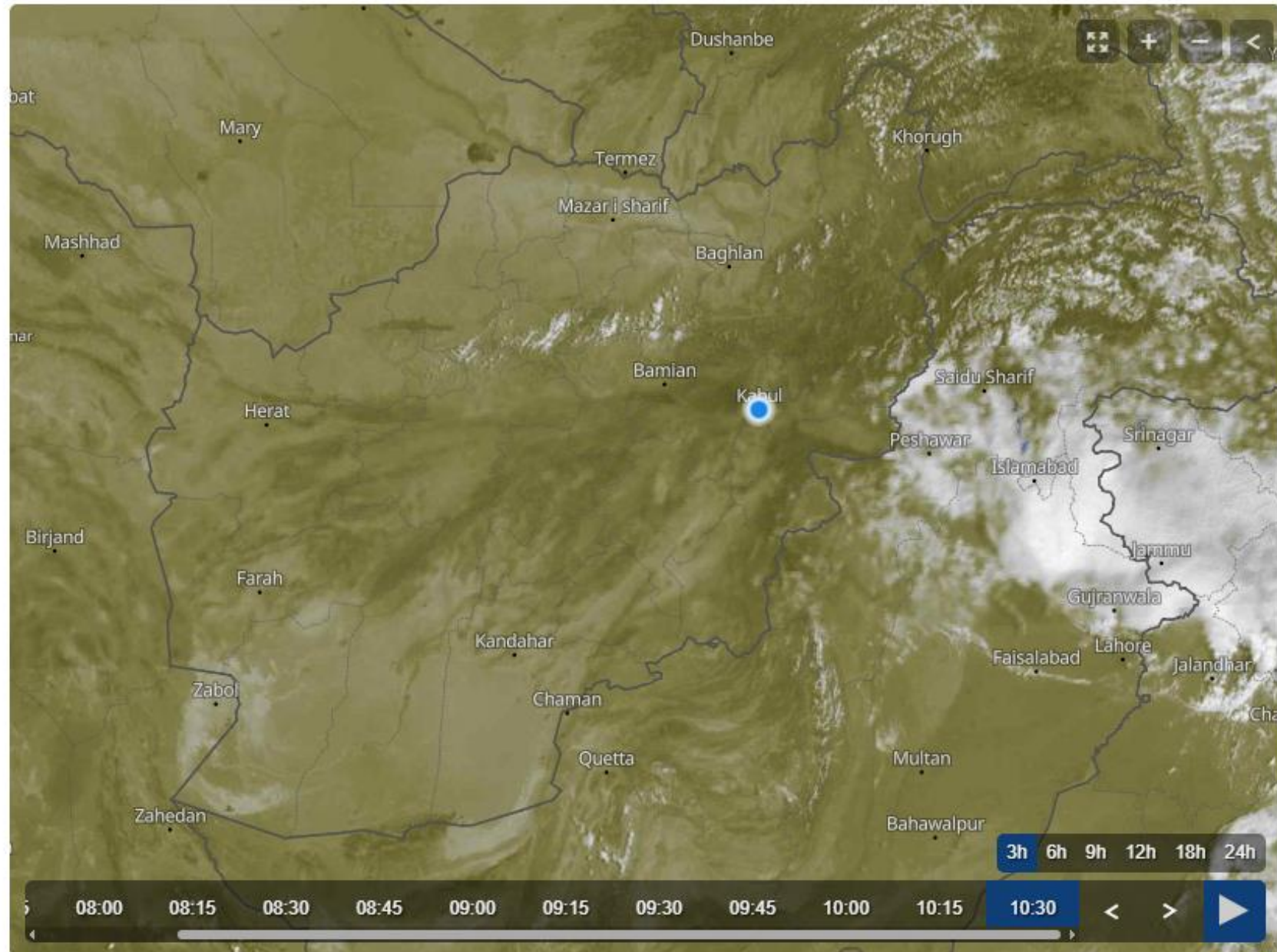
Satellite data: EUMETSAT

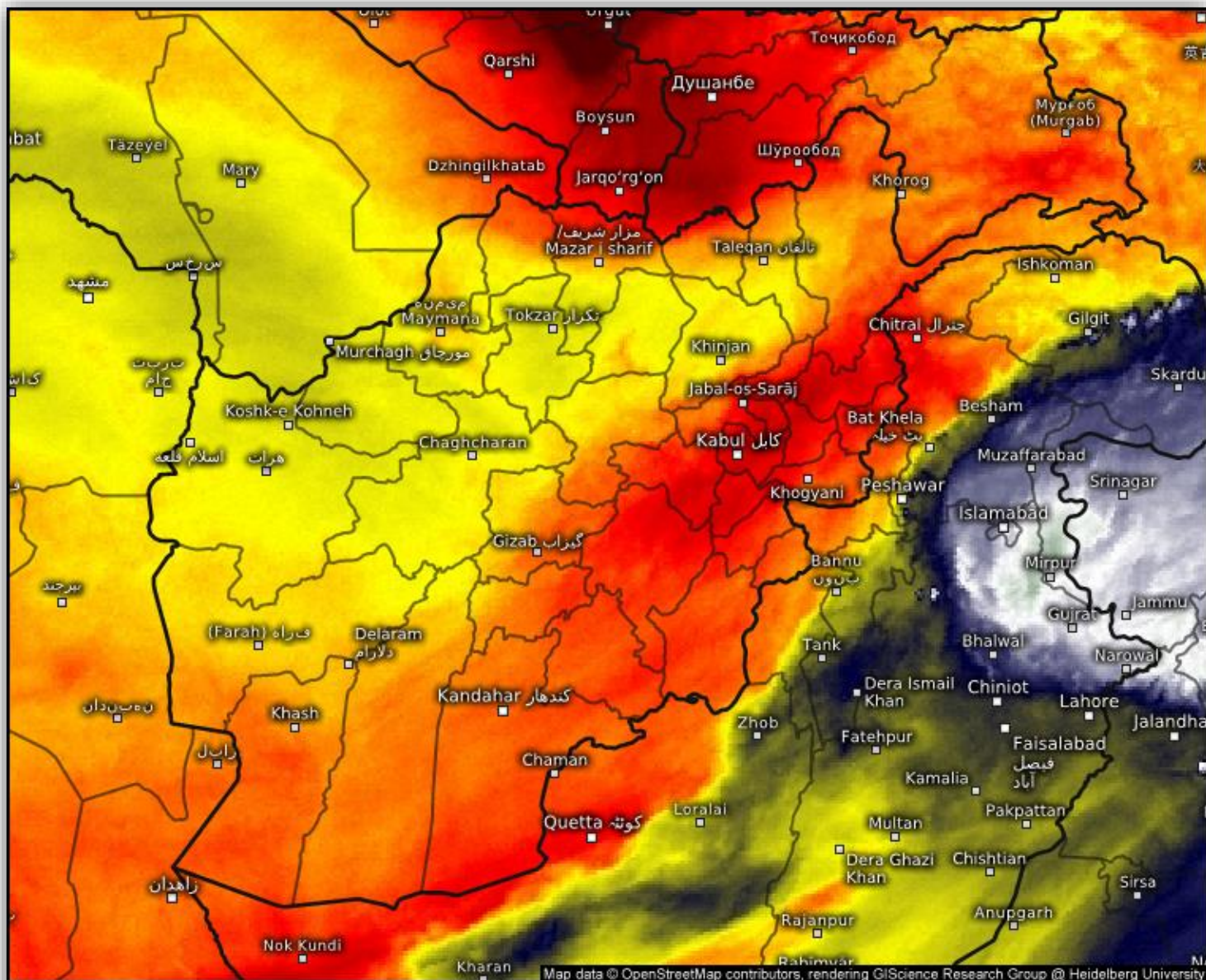
Cloud Top Height

2026-08-20 06:00(UTC)



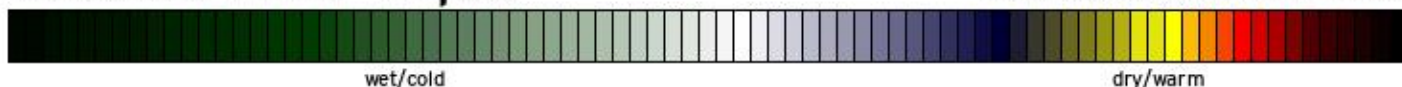
Live satellite map, Afghanistan





Satellite Water Vapor

Thu 08/20/2026, 10:30am GMT+0430



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Afghanistan

meteologix

Satellite data: EUMETSAT

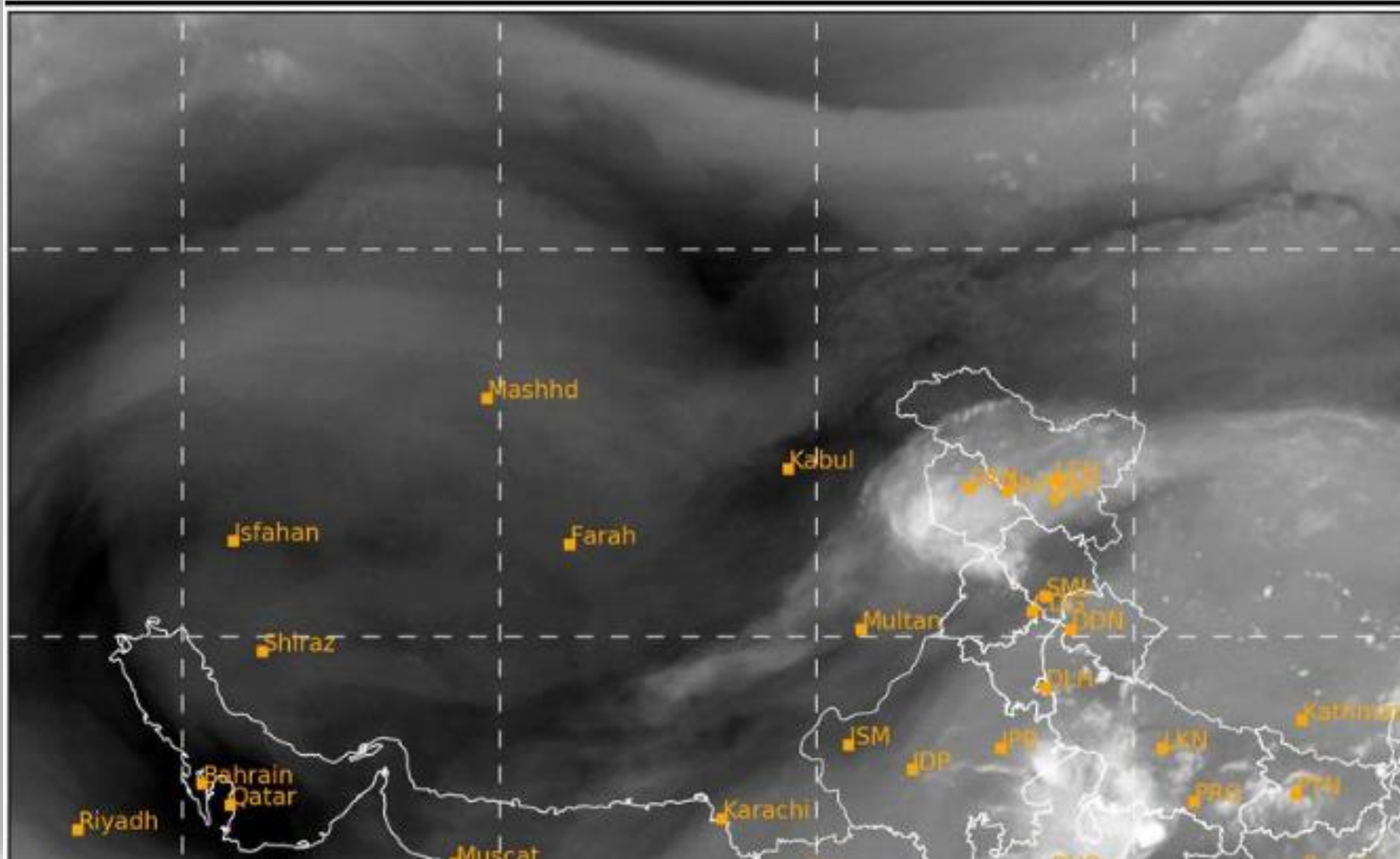
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

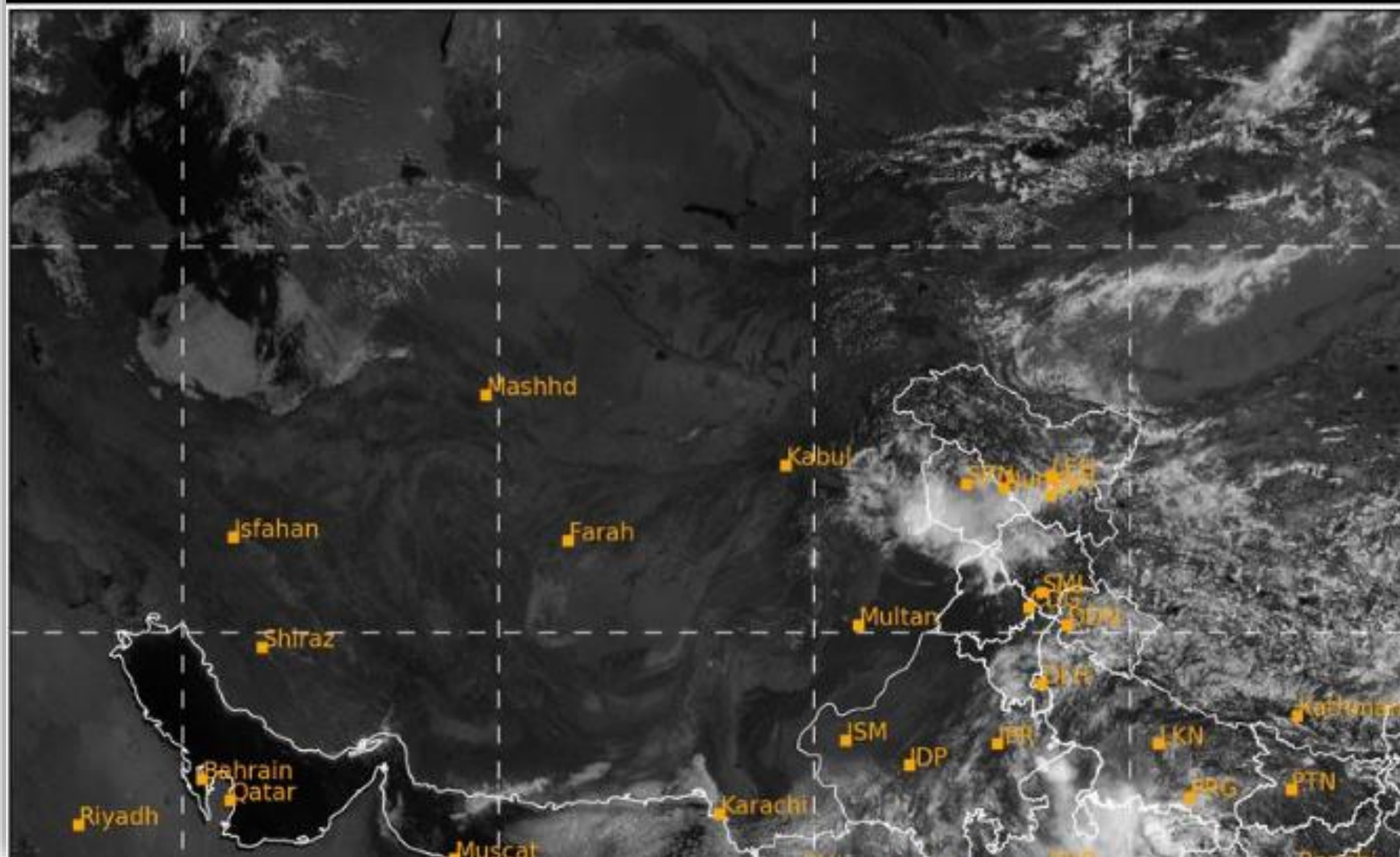
20-08-2026/(0515 to 0542) GMT

20-08-2026/(1045 to 1112) IST



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

20-08-2026/(0445 to 0512) GMT
20-08-2026/(1015 to 1042) IST



Land Surface Temperature

2026-08-20 06:00(UTC)

