



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



**Daily reports of Satellite imagery analysis. Date & Time: 17-08-2026, 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     | X   | ✓ dry       | X                     | X         |          |
| 7  | Southeast | ✓        | X          | 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 southern, eastern and southeastern areas are weak warm air mass. the western, central, northwestern and southwestern areas are dust. The all regions are dry.

**Reported by: Mohammad Jawed Moradi**

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

UTC: 2026-08-17 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)

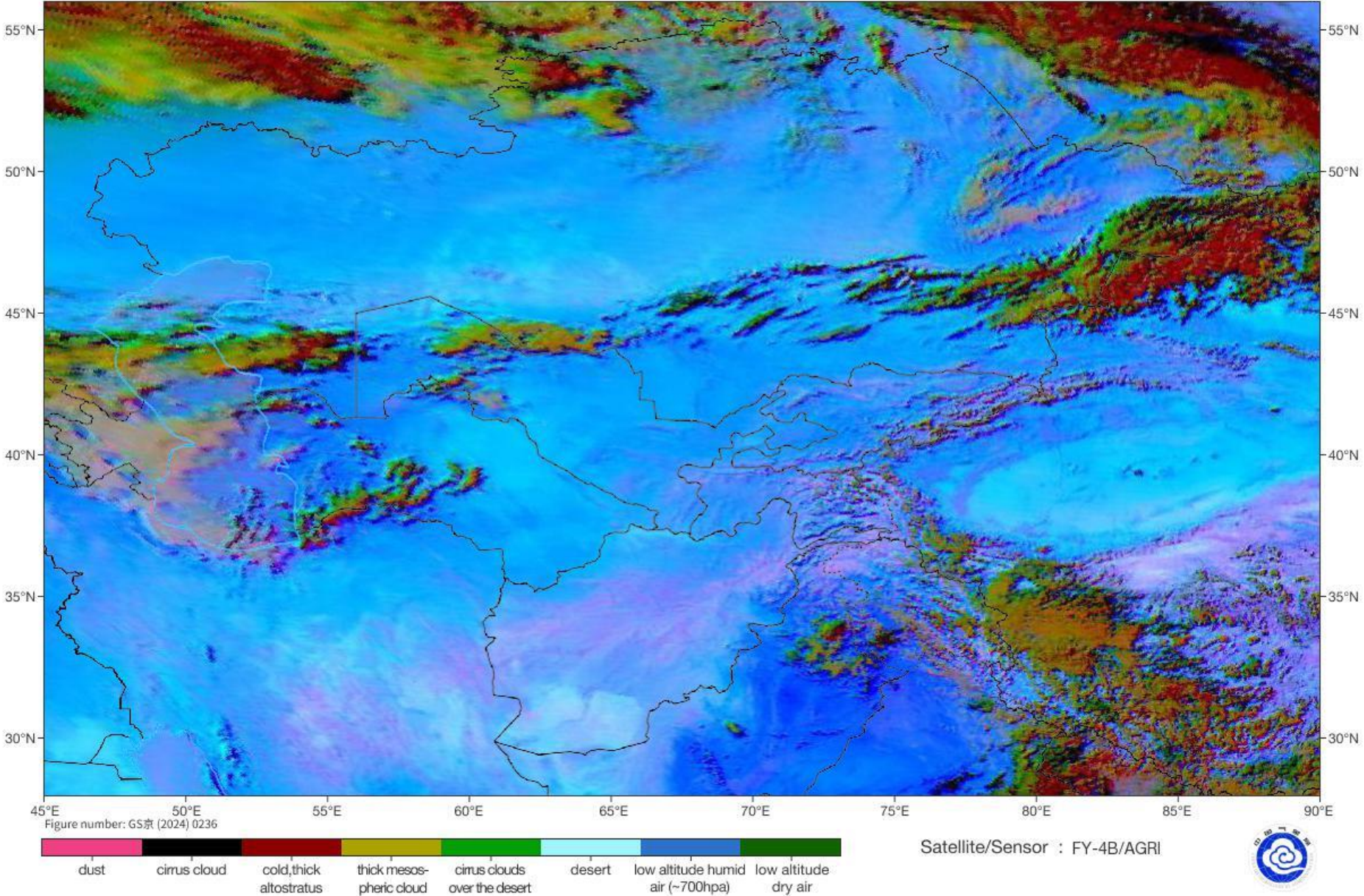
R = WV (6.25) - WV (7.1)  
G = IR (8.5) - IR (10.8)  
B = WV (6.25)

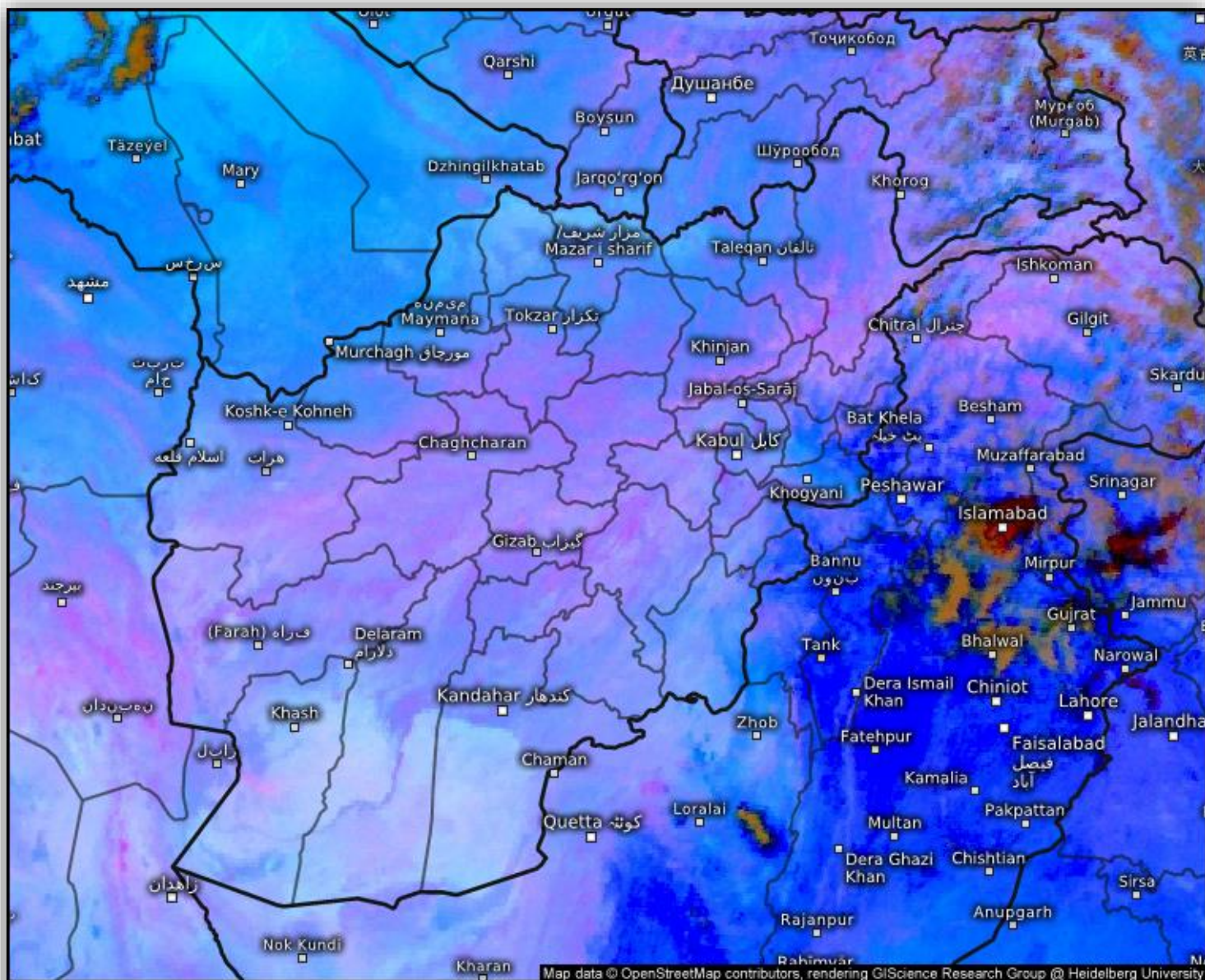
**FY-4B AirMass RGB Composite (From WMO)**



# Sand And Dust Identification

2026-08-17 06:00(UTC)





## Satellite Dust

Mon 08/17/2026, 10:30am GMT+0430

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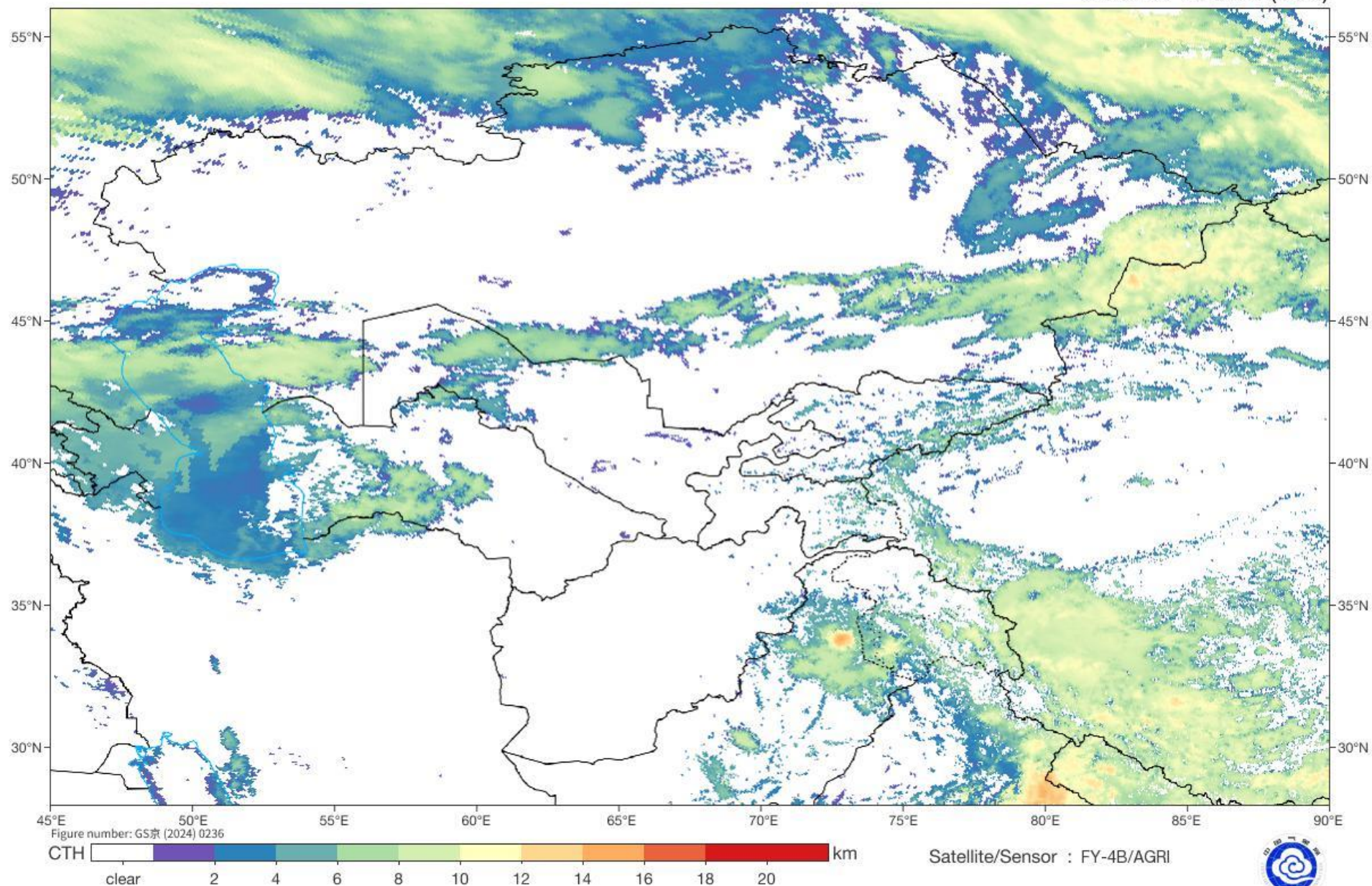
Afghanistan

 **meteologix**

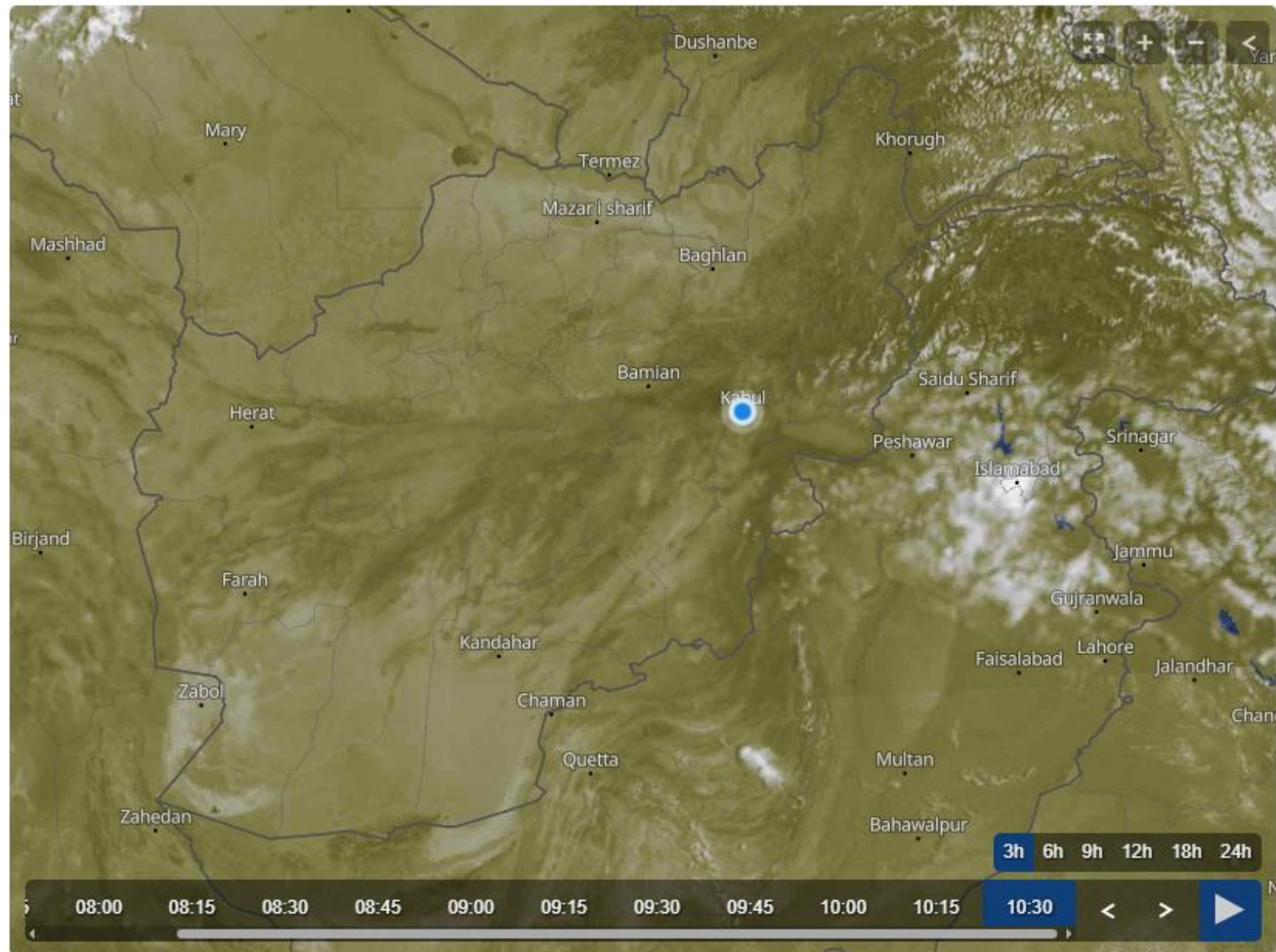
Satellite data: EUMETSAT

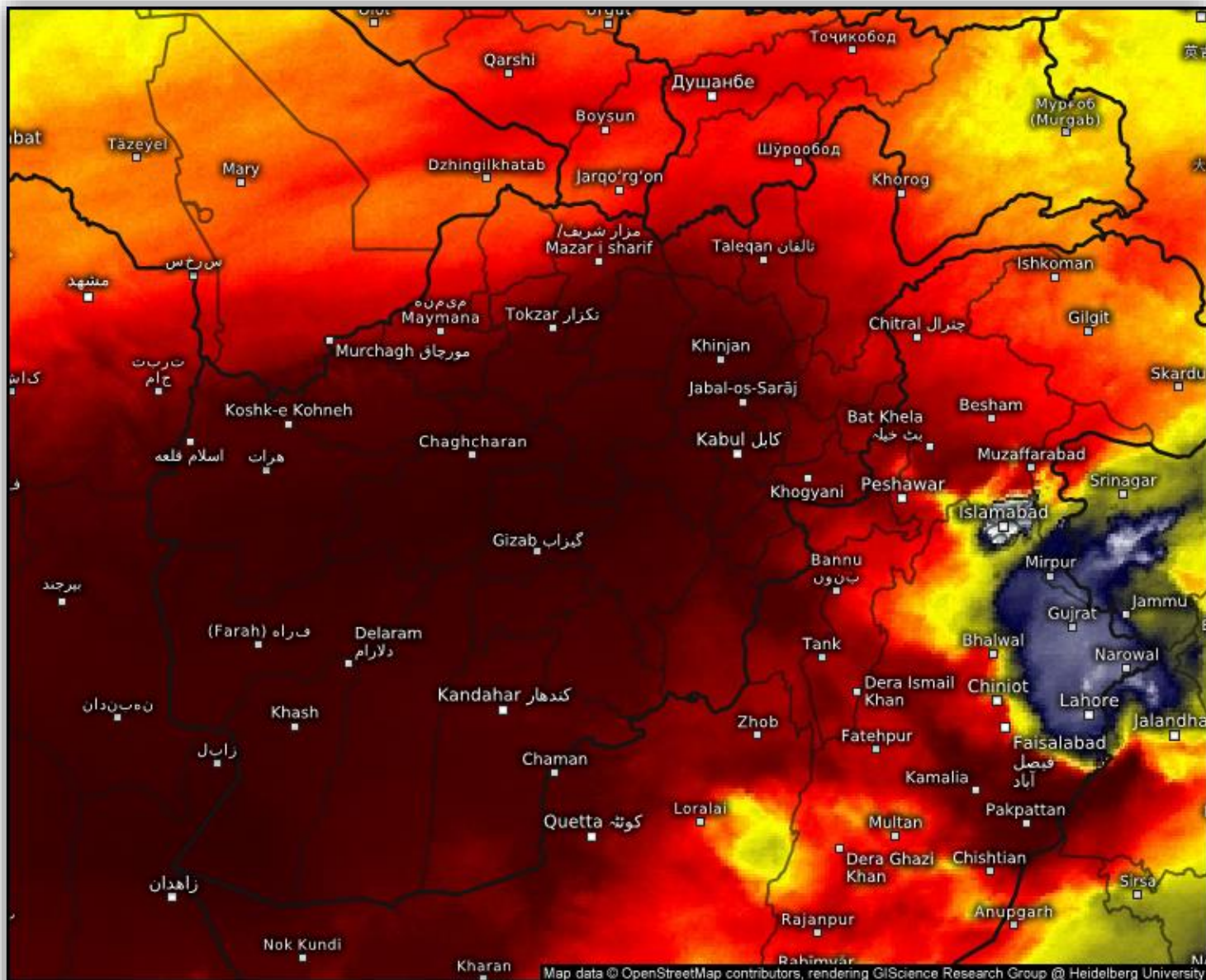
# Cloud Top Height

2026-08-17 05:45(UTC)



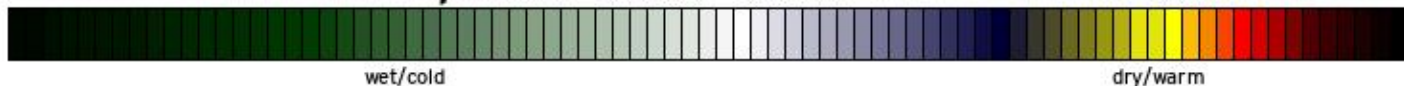
## Live satellite map, Afghanistan





## Satellite Water Vapor

Mon 08/17/2026, 10:30am GMT+0430



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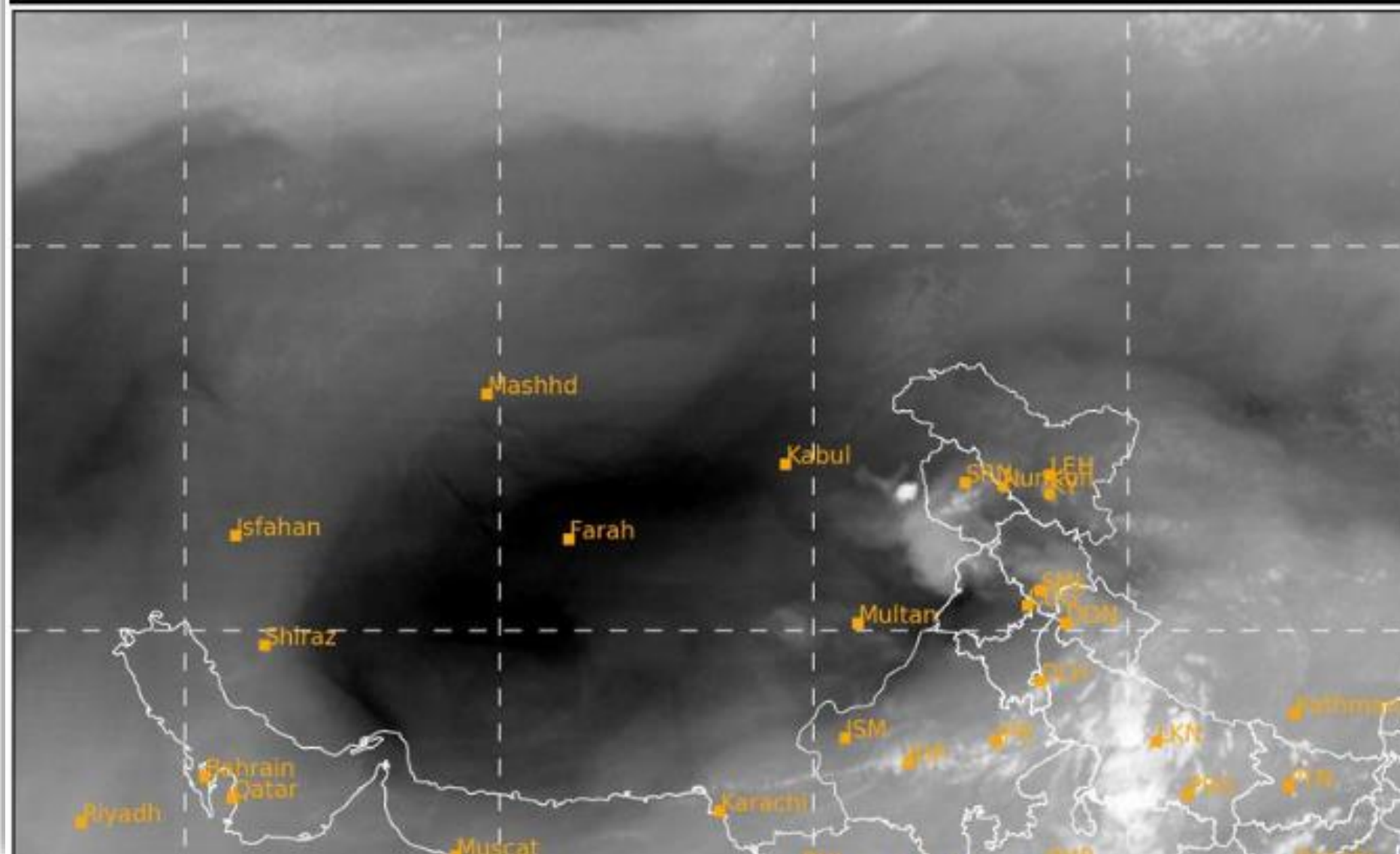
Afghanistan

 **meteologix**

Satellite data: EUMETSAT

SAT : INSAT-3DR IMG  
IMG\_WV 6.8 um  
L1C Mercator

17-08-2026/(0515 to 0542) GMT  
17-08-2026/(1045 to 1112) IST



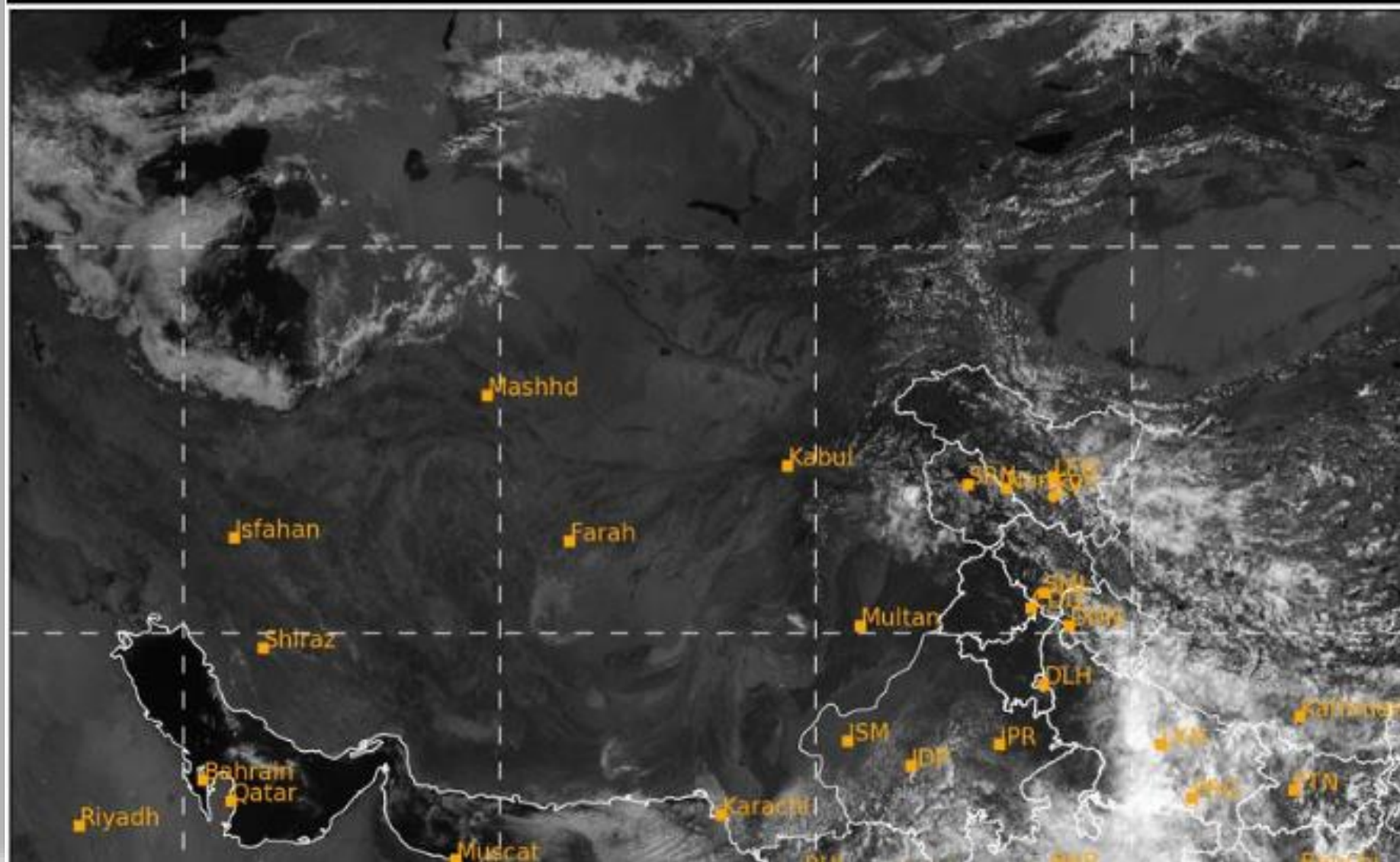
SAT : INSAT-3DR IMG

Visible Count 0.65 um

## L1C Mercator

17-08-2026/(0515 to 0542) GMT

17-08-2026/(1045 to 1112) IST



# Land Surface Temperature

2026-08-17 06:00(UTC)

