



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



**Daily reports of Satellite imagery analysis. Date & Time: 31-08-2026, 11:00 UTC**

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

**Details:** according to satellite imagery analysis, the northern, western, eastern, central, northeastern, southeastern and northwestern areas are weak warm air mass. the southern, western, central, southeastern and southeastern areas are weak dust. The eastern area is thunder storm. Some part of eastern and northwestern areas are partly cloudy sky. The all regions are dry.

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

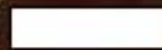
**Reported by:** Mohammad Jawed Moradi

**Legend:**

| Dust      |            | Water vapor |     | Air mass |      | Thunder storm | Cloud | Fog | Jet stream | Cyclone & Anticyclone |  |
|-----------|------------|-------------|-----|----------|------|---------------|-------|-----|------------|-----------------------|--|
| Weak Dust | Dust storm | Weak        | Dry | Moderate | Warm | Cold          |       |     |            |                       |  |

UTC: 2026-08-31 10:45

AirMass



Thick,  
high-level cloud



Thick,  
mid-level cloud



Thick,  
low-level cloud



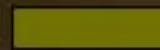
Jet



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)

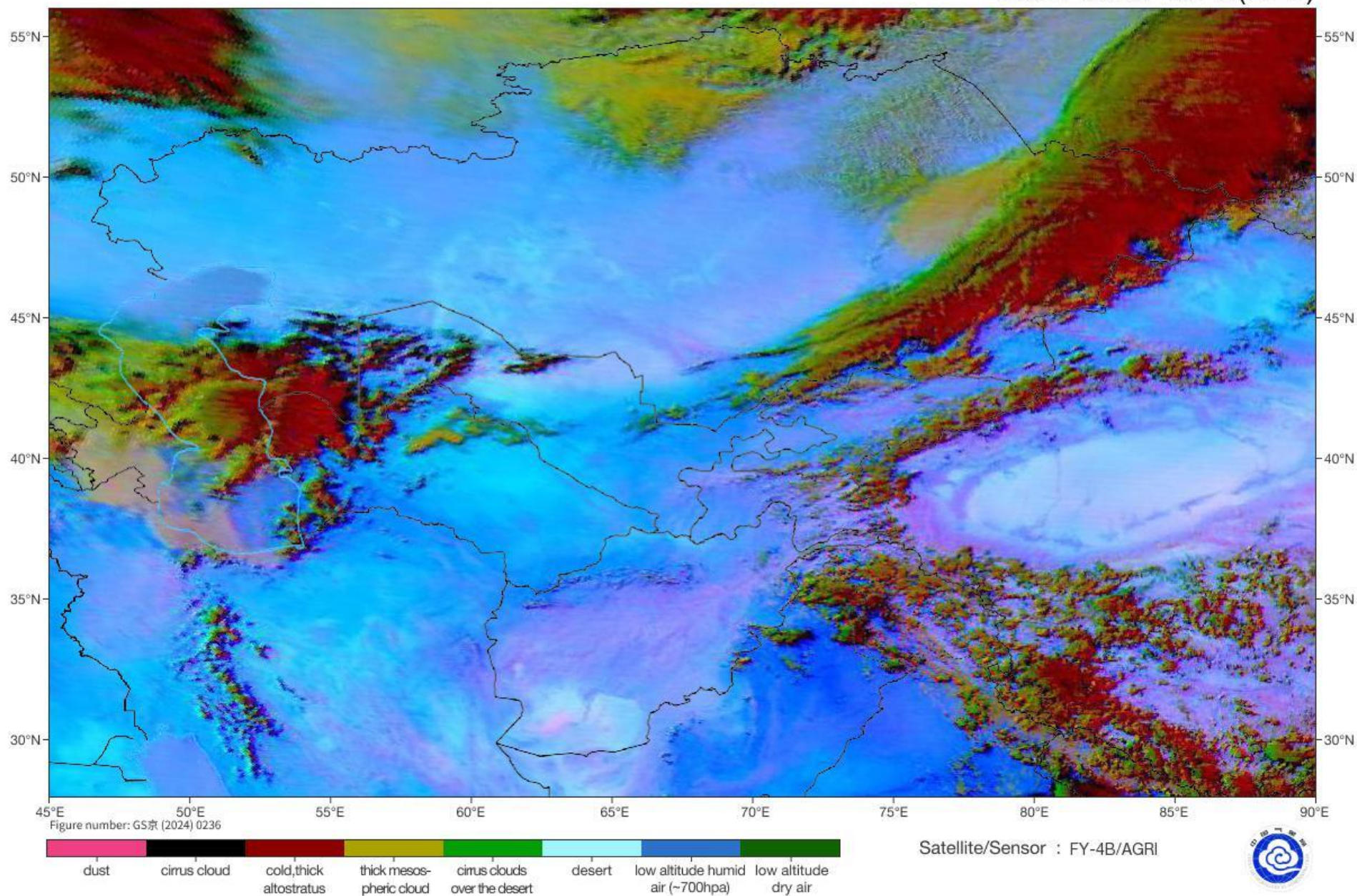
**FY-4B AirMass RGB Composite (From WMO)**



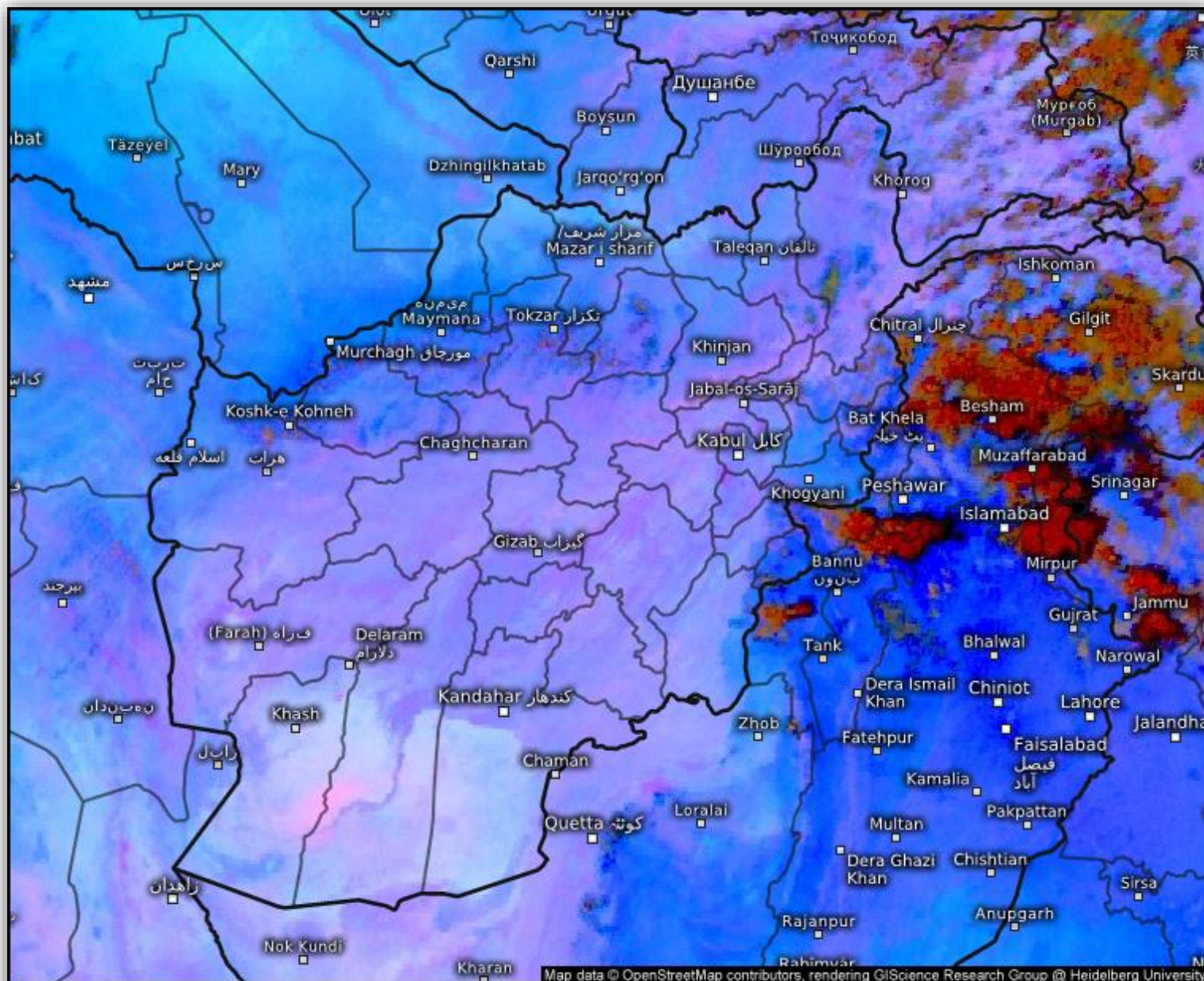


## Sand And Dust Identification

2026-08-31 10:45(UTC)







## Satellite Dust

Mon 08/31/2026, 03:15pm GMT+0430

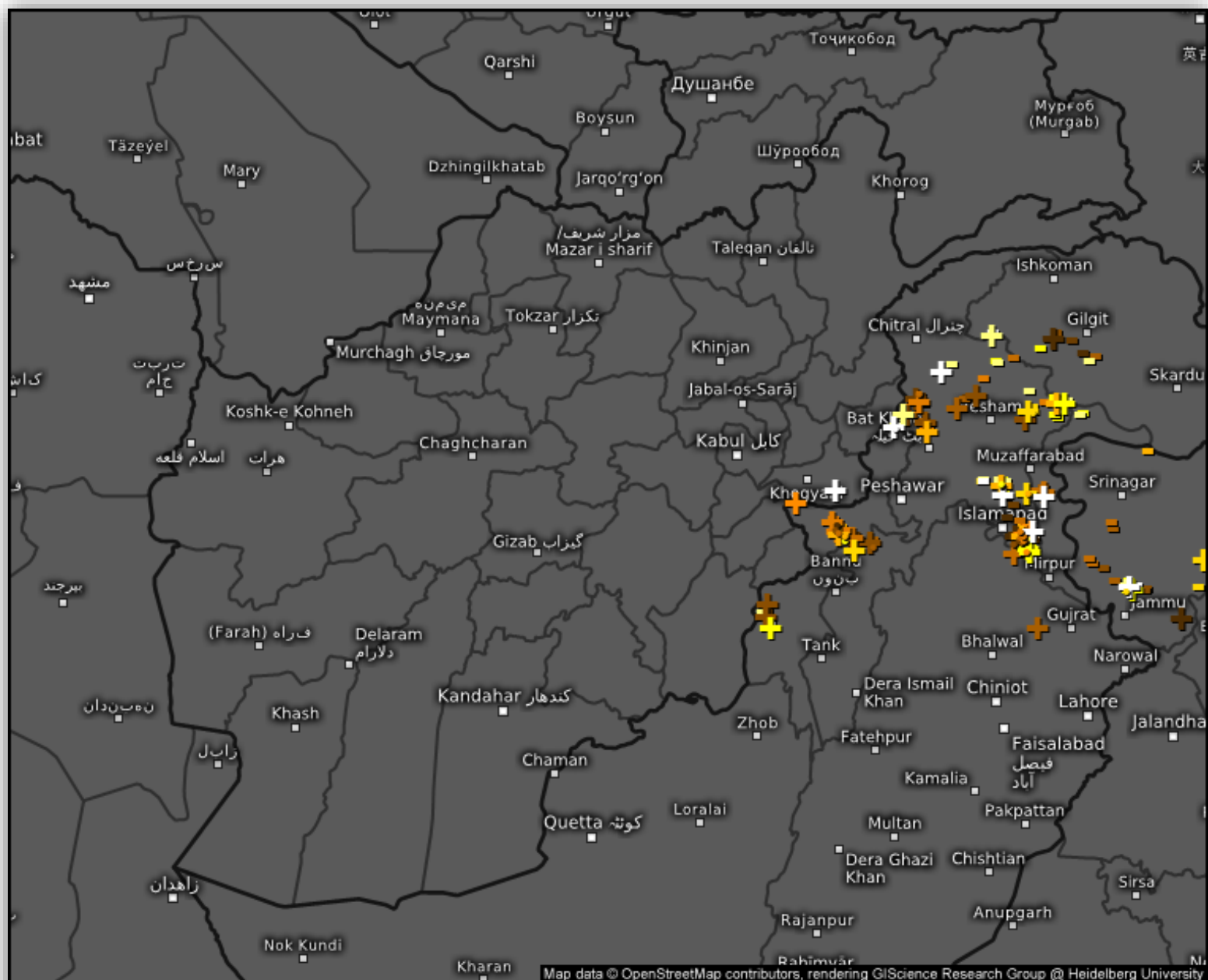
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Afghanistan

 **meteologix**

Satellite data: EUMETSAT



## Age of lightning (minutes)

Mon 08/31/2026, 03:30pm GMT+0430

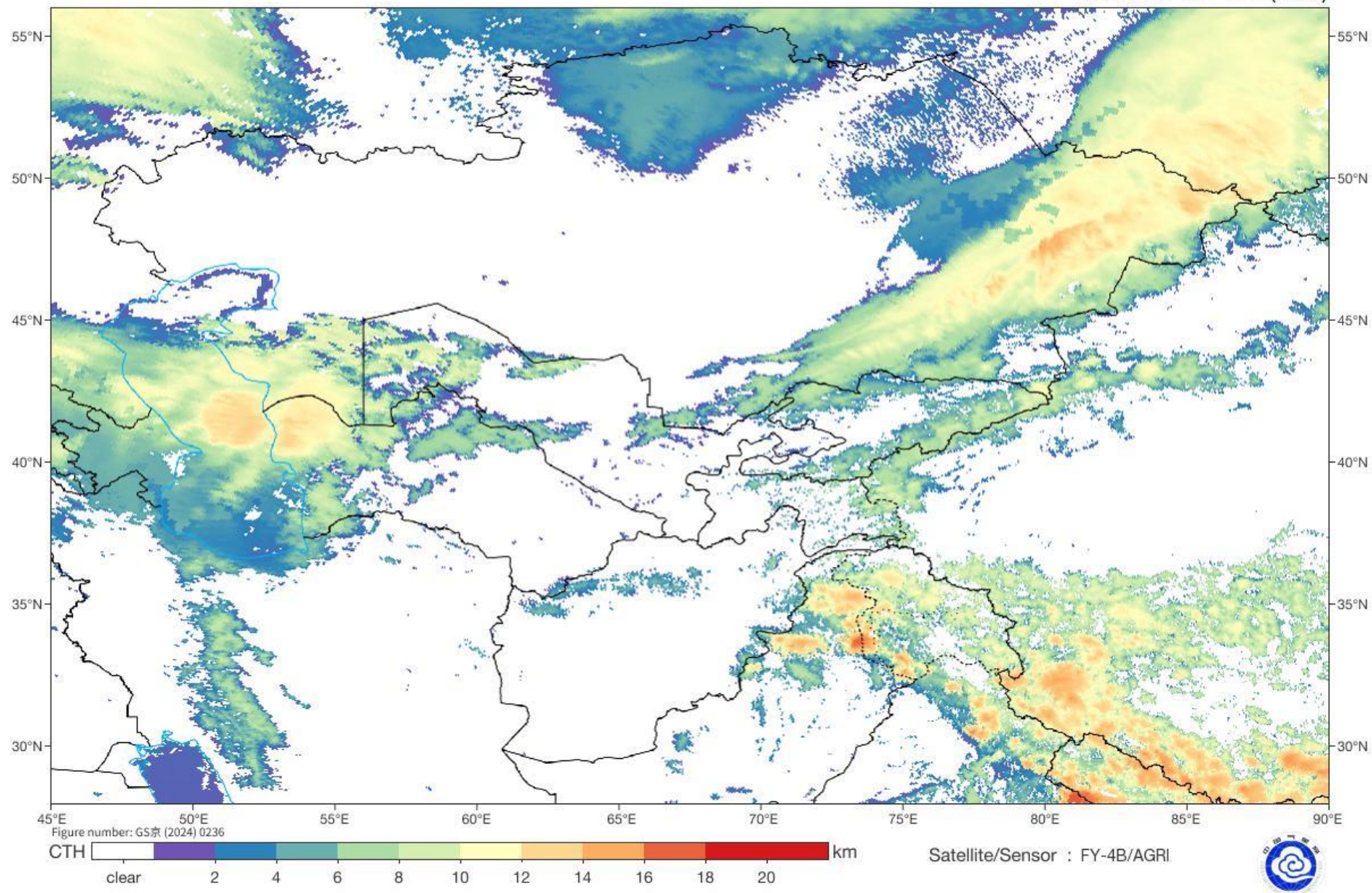


Afghanistan



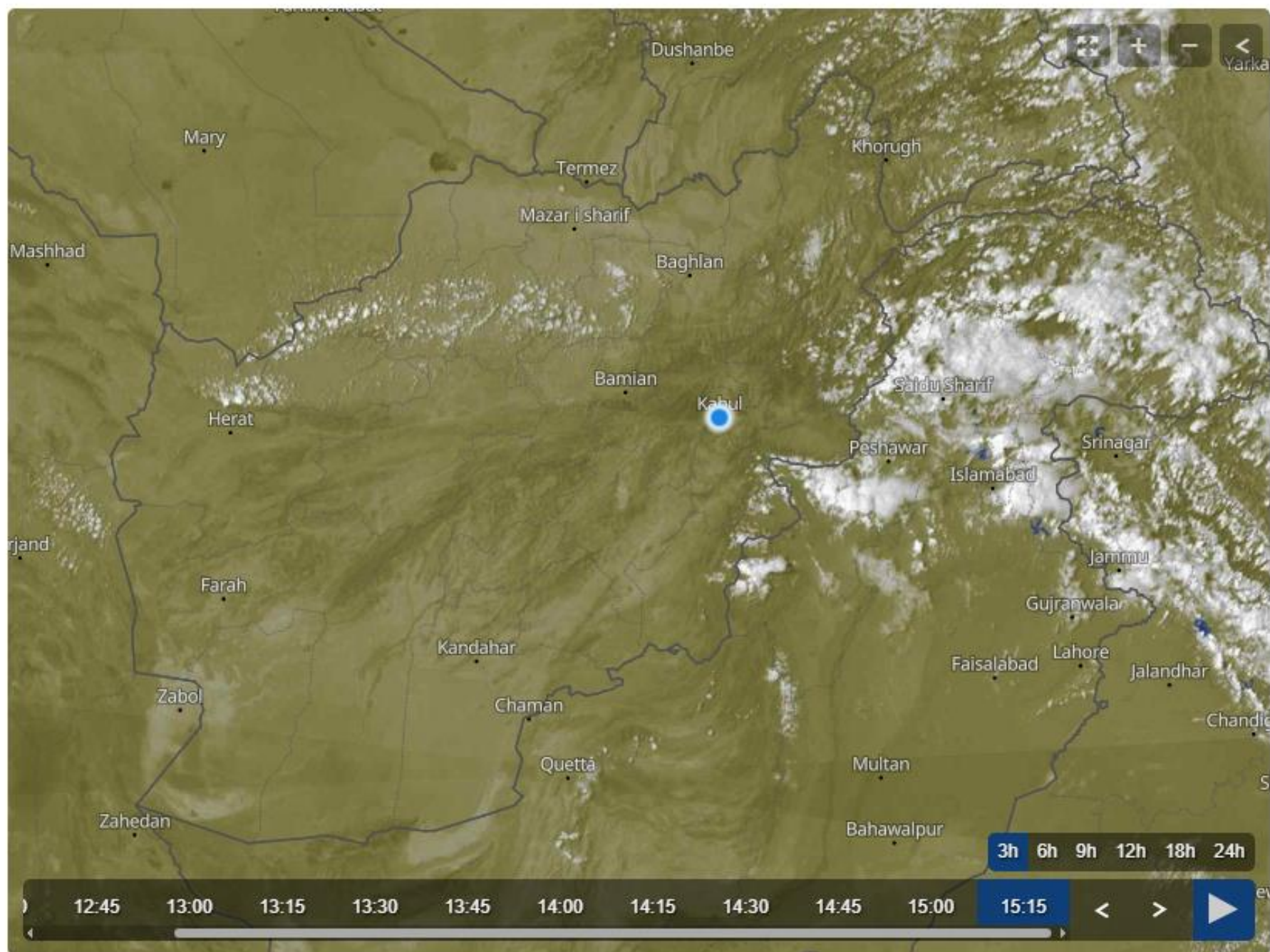
# Cloud Top Height

2026-08-31 10:45(UTC)





## Live satellite map, Afghanistan





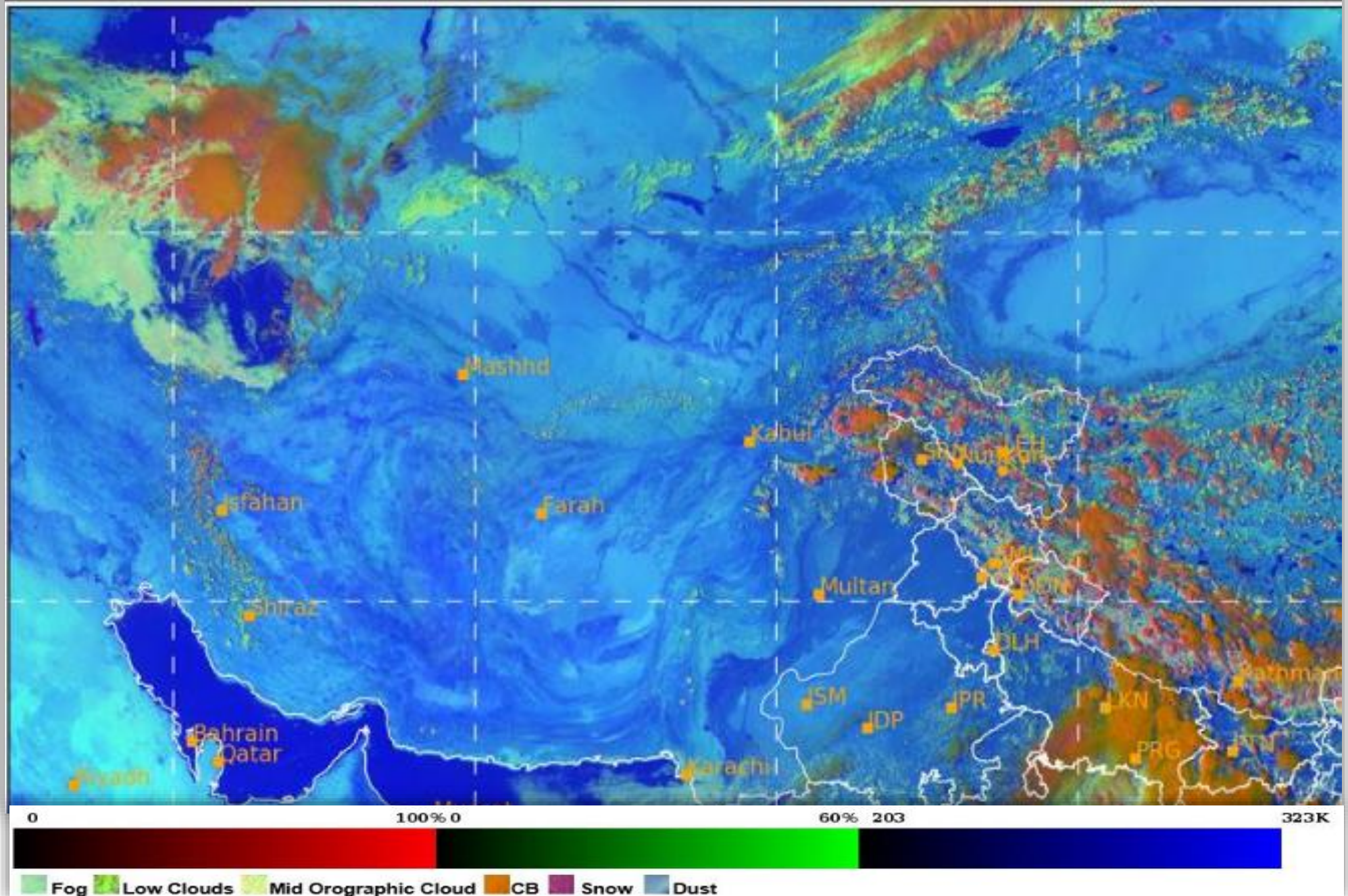
SAT : INSAT-3DR IMG

31-08-2026/(0945 to 1011) GMT

Day Microphysics: VIS\_REFL (R), SWIR\_REFL (G), TIR1\_BT (B)

L1C Mercator

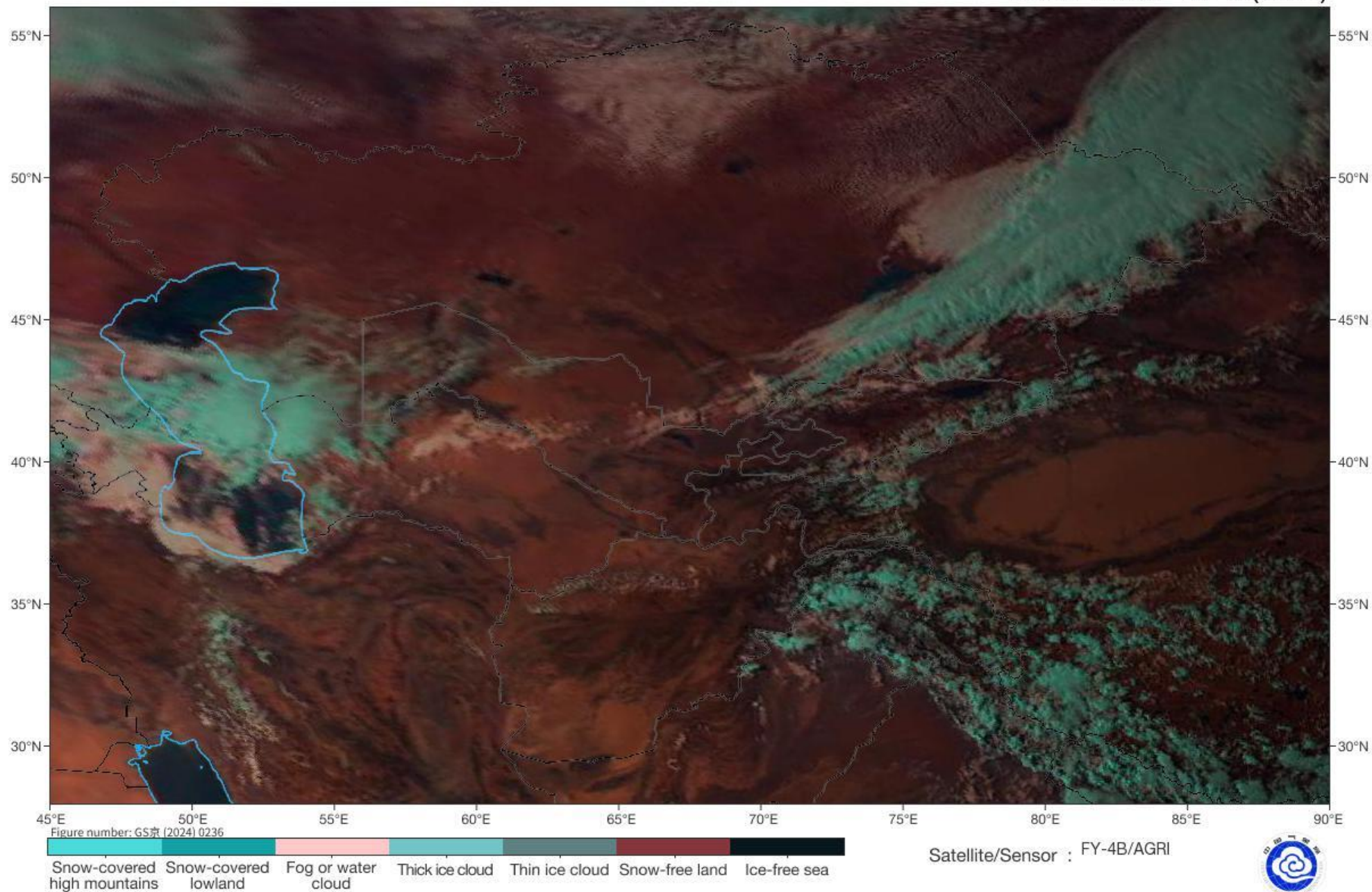
31-08-2026/(1515 to 1541) IST



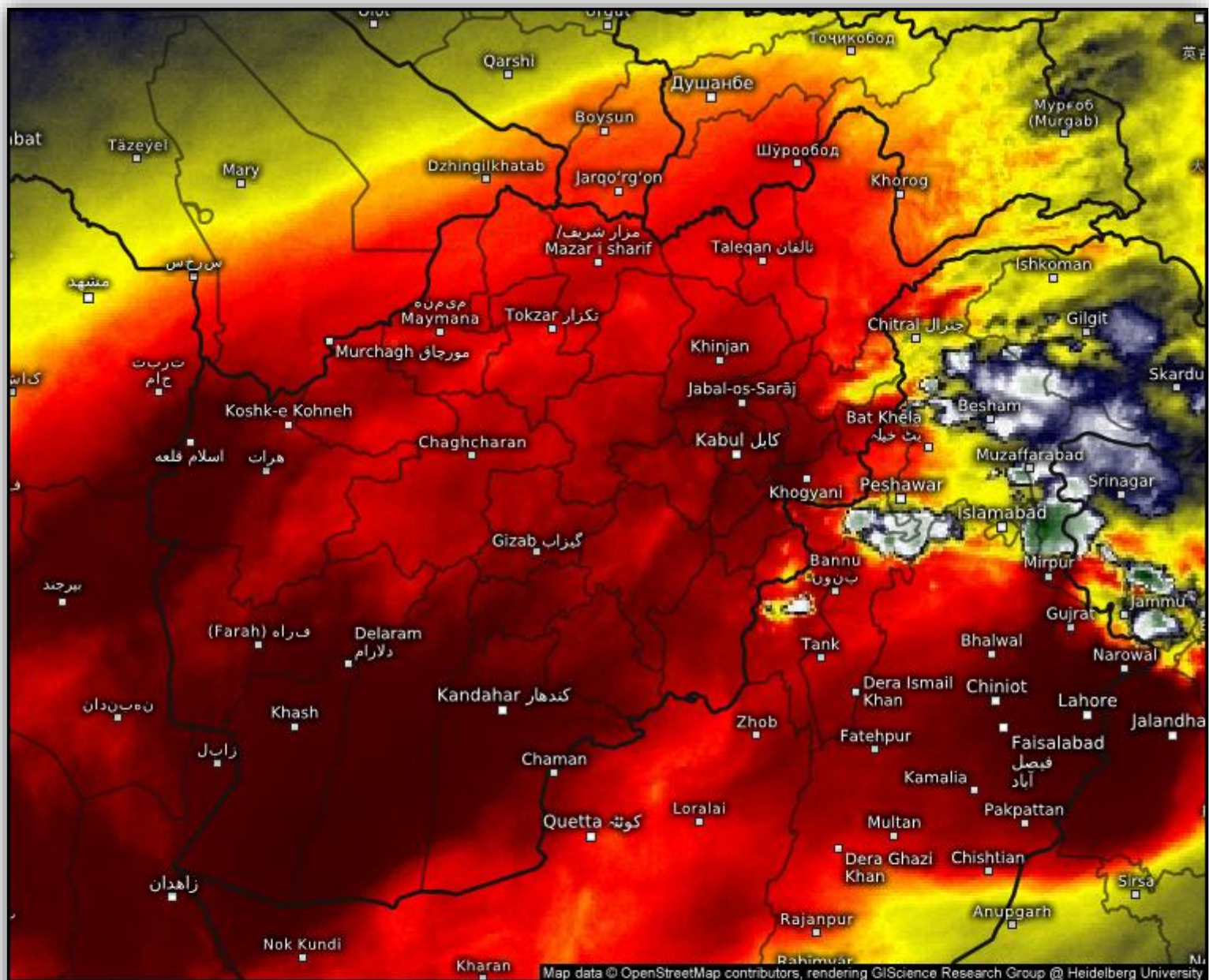


# Fog Identification

2026-08-31 10:45(UTC)

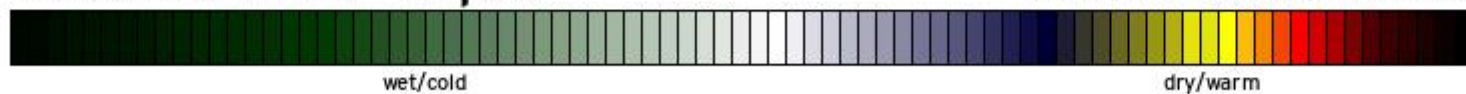






## Satellite Water Vapor

Mon 08/31/2026, 03:15pm GMT+0430



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Afghanistan

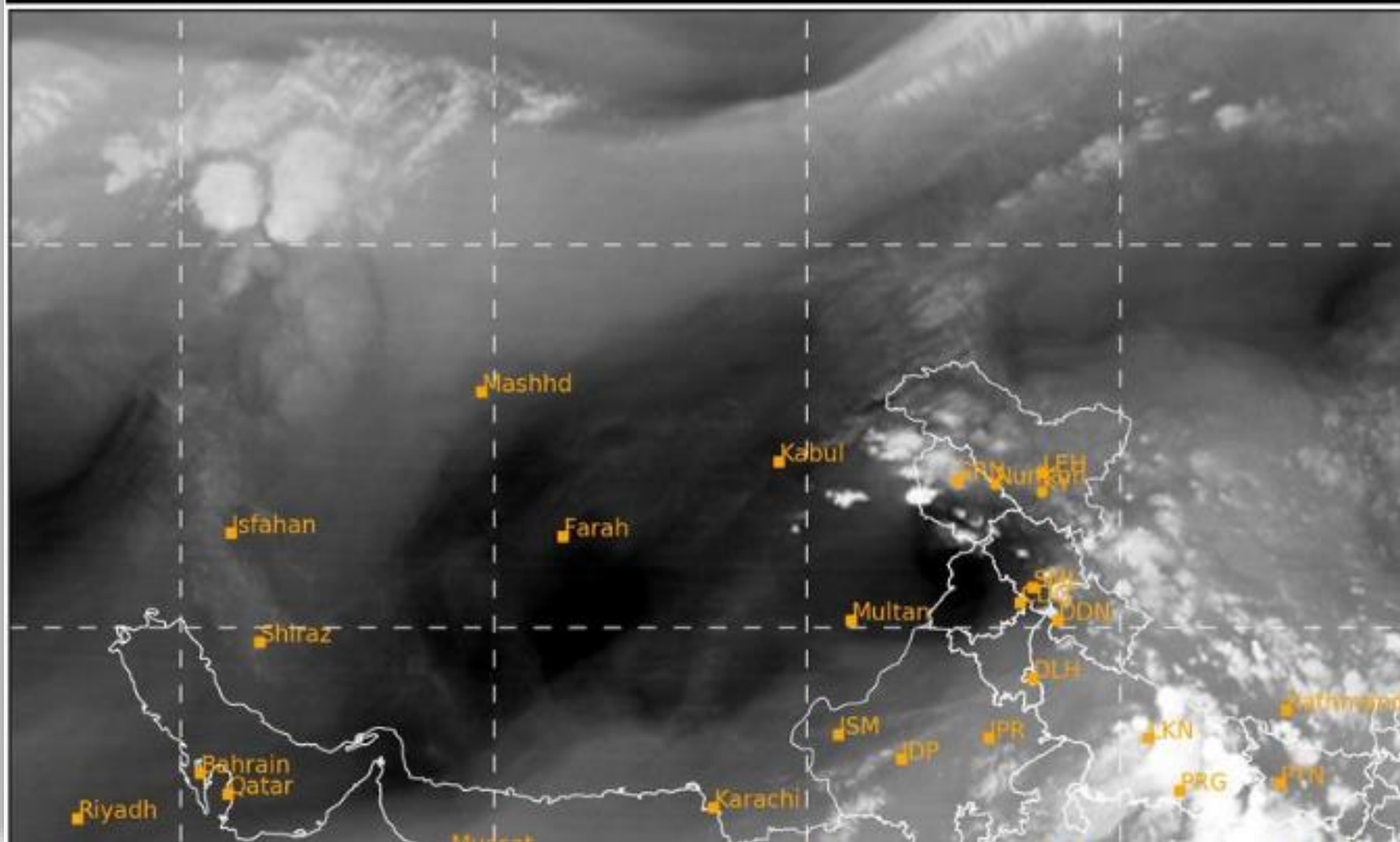
meteologix

Satellite data: EUMETSAT



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

31-08-2026/(0945 to 1011) GMT  
31-08-2026/(1515 to 1541) IST





SAT : INSAT-3DR IMG

Visible Count 0.65 um

## L1C Mercator

31-08-2026/(0945 to 1011) GMT

31-08-2026/(1515 to 1541) IST

