



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



Daily reports of Satellite imagery analysis. Date & Time: 09/12/2025, 06:00 UTC

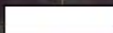
| No | Region | Air Mass | Dust Storm | Thunder storm | Cloud | Fog | Water Vapor | Cyclone & Anticyclone | Jetstream | Comments |
|----|-----------|----------|------------|---------------|-------|-----|-------------|-----------------------|-----------|----------|
| 1 | North | X | X | X | ✓ | X | √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

Details: according to satellite imagery analysis the southern and southwestern areas have cold air mass The western area has weak dust. The all regions have almost cloudy sky which the height of cloud is about 12 km. The all regions have moderate water vapor.

Reported by: Mohammad Jawed Moradi

UTC: 2025-12-09 06:00

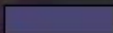
AirMass



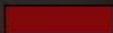
Thick,
high-level cloud



Thick,
mid-level cloud



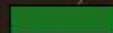
Thick,
low-level cloud



Jet

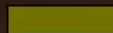


Cold Airmass



Warm Airmass

(high UTH)



Warm Airmass

(low UTH)

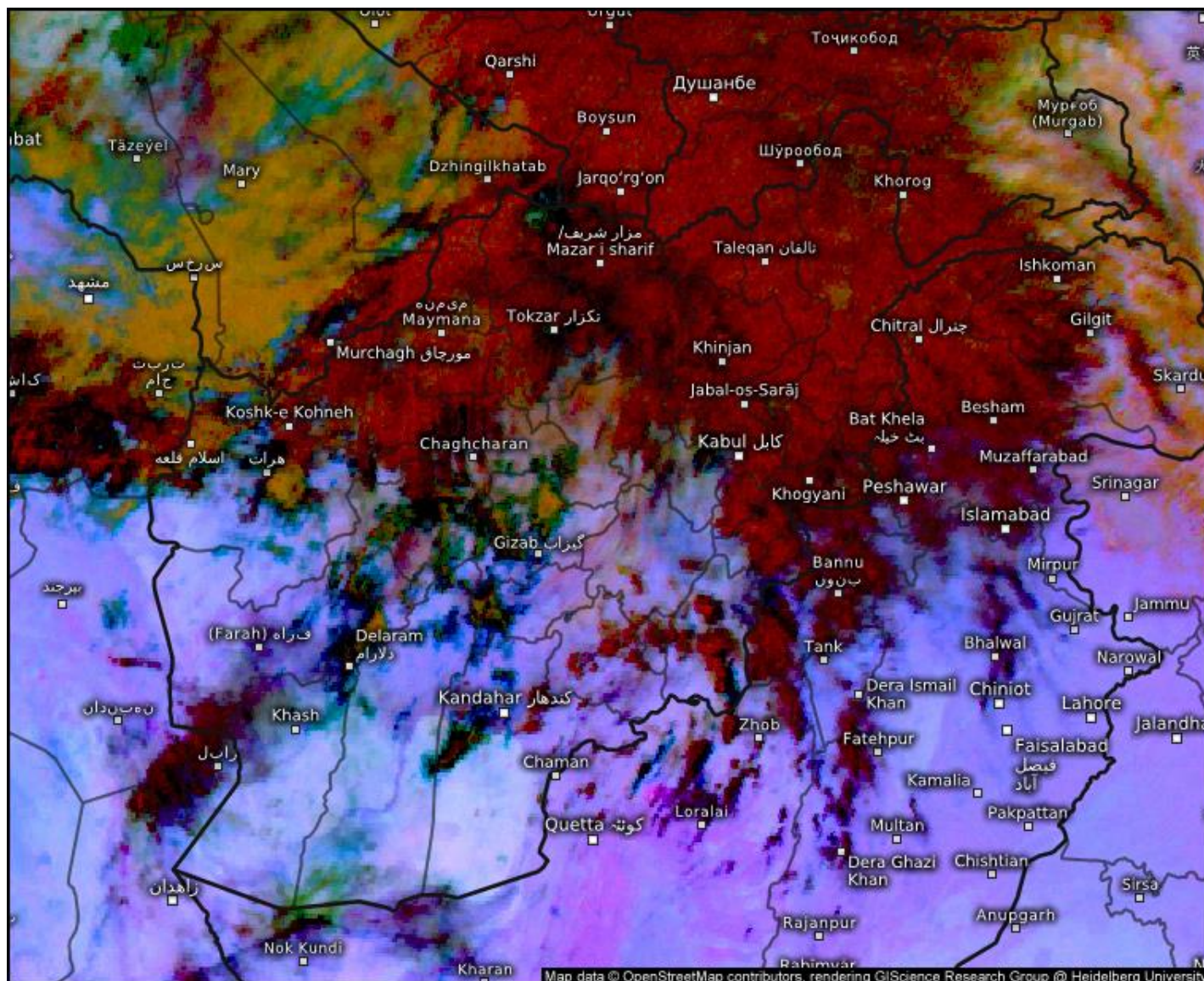
R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.8)

B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)





Satellite Dust

Tue 12/09/2025, 10:30am GMT+0430

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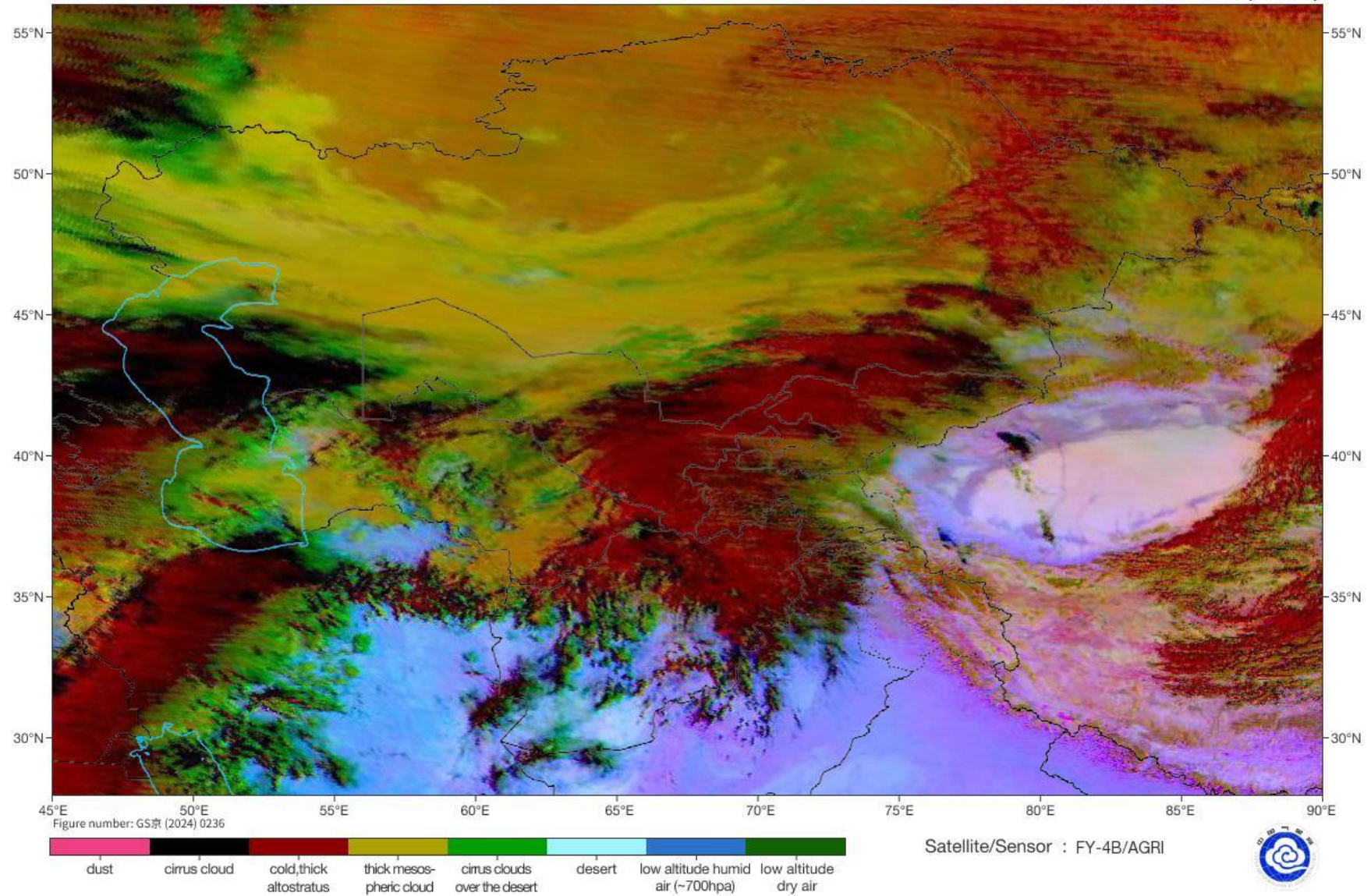
Afghanistan

 **meteologix.com**

Satellite data: EUMETSAT

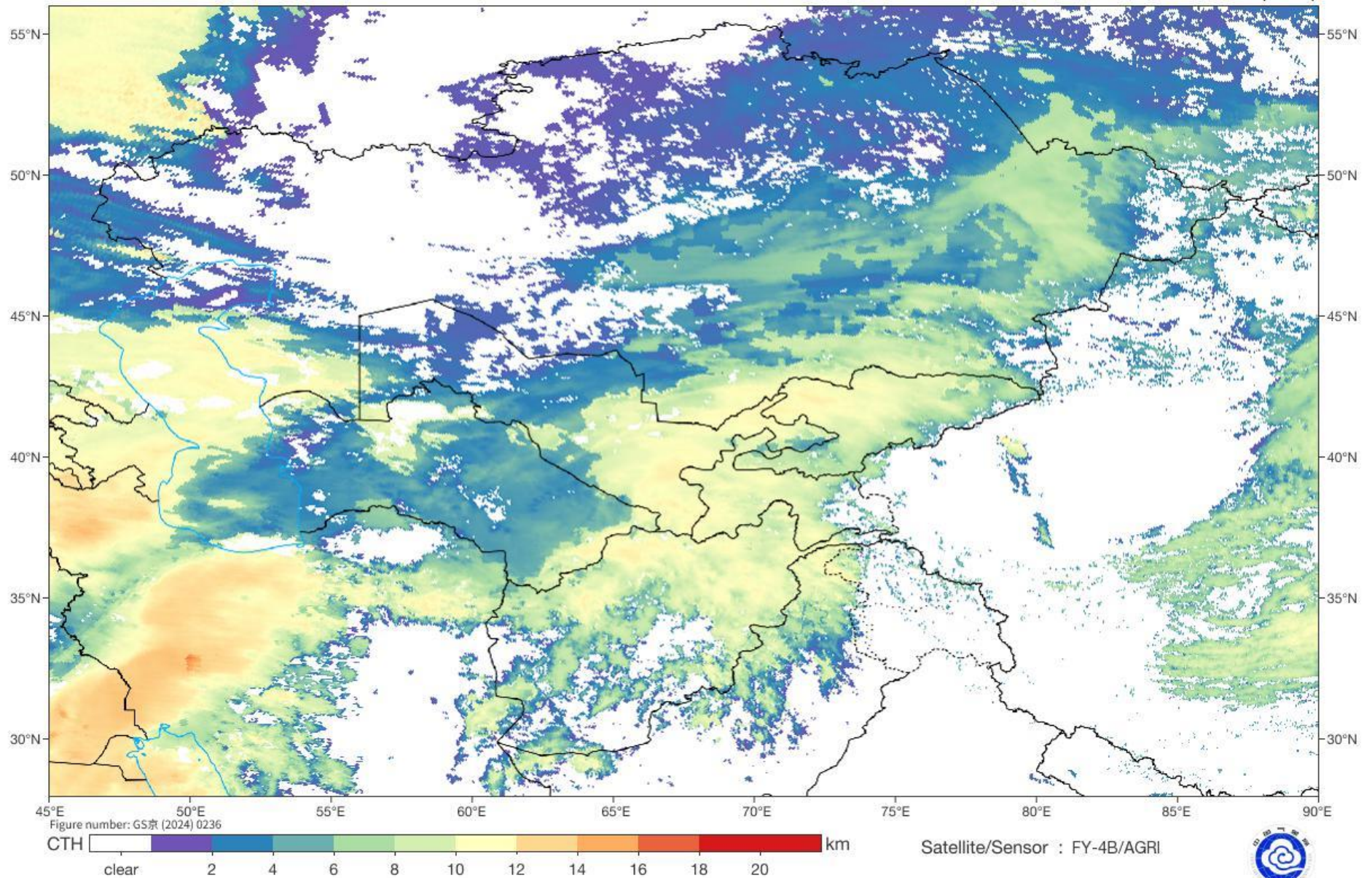
Sand And Dust Identification

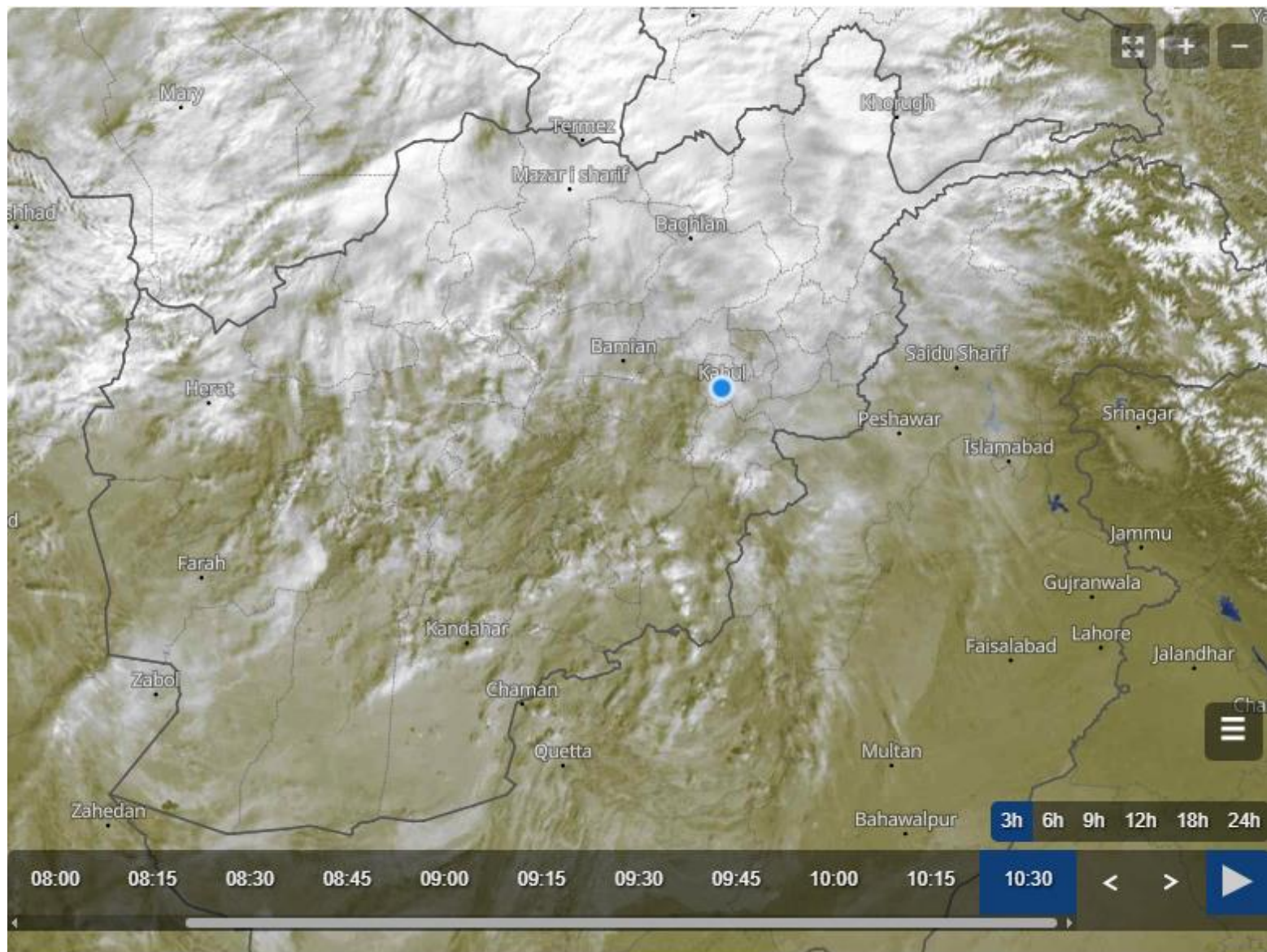
2025-12-09 06:00(UTC)

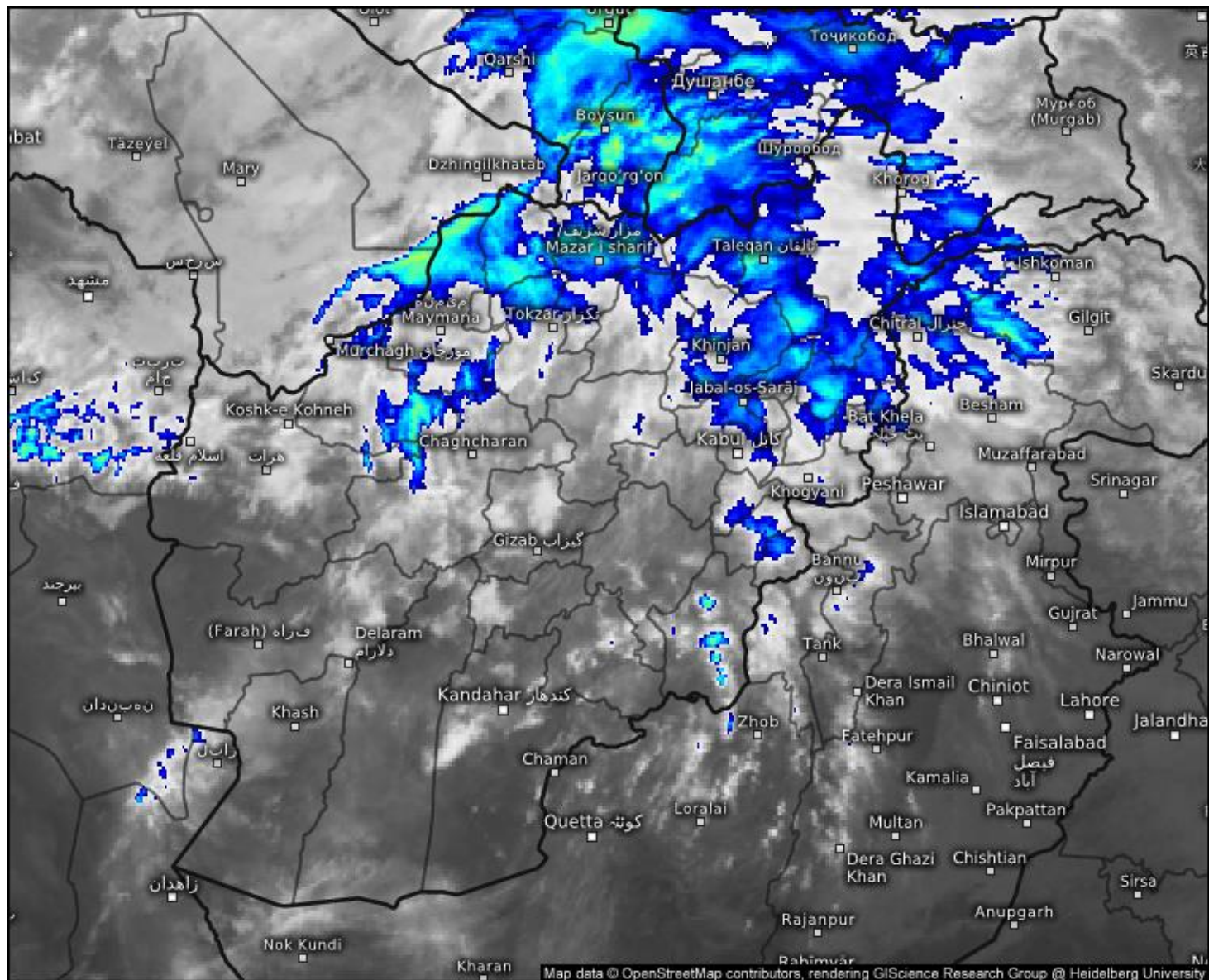


Cloud Top Height

2025-12-09 06:00(UTC)

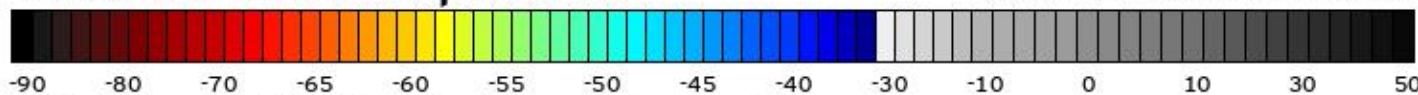






Satellite Cloud Tops Alert

Tue 12/09/2025, 10:30am GMT+0430

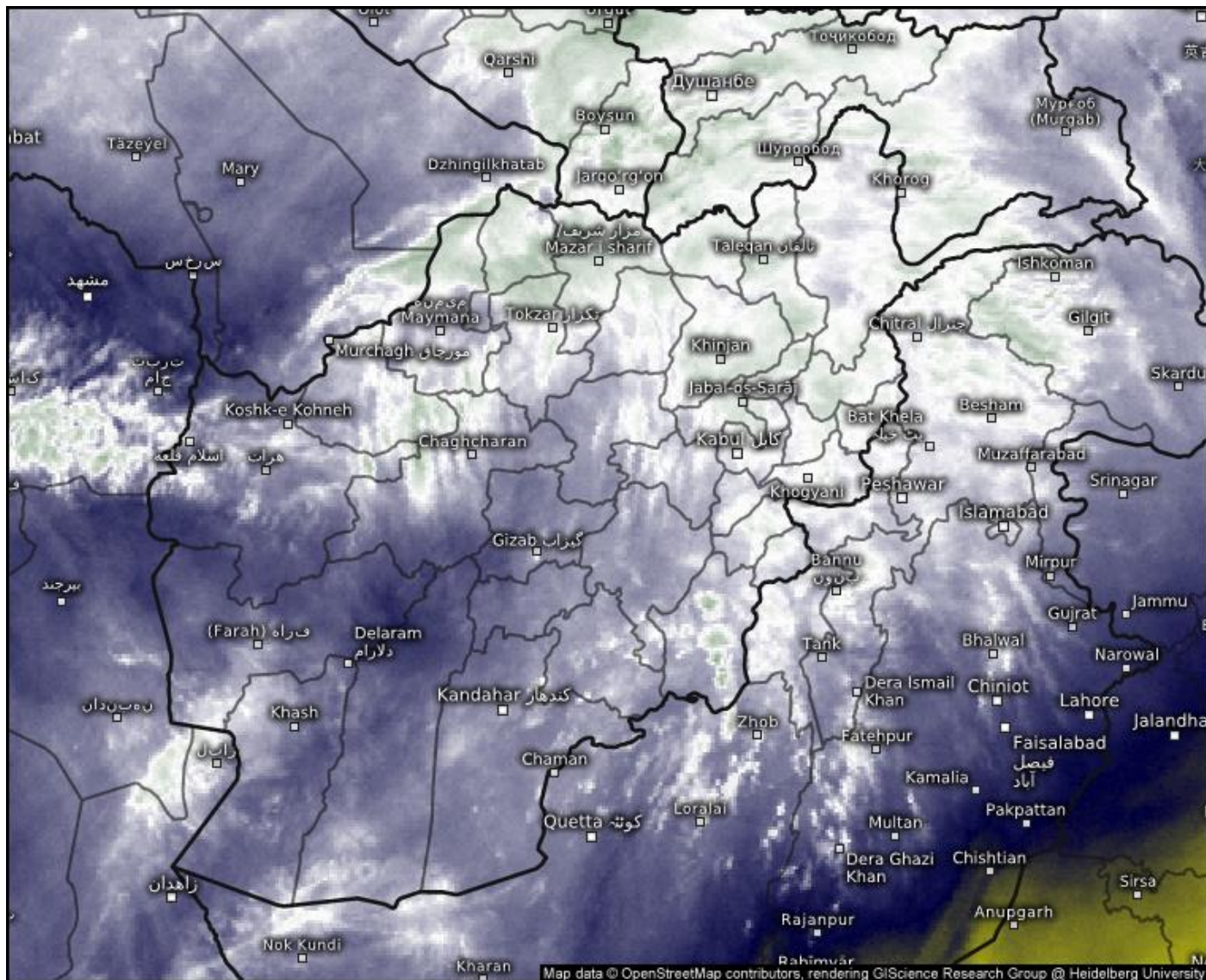


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Afghanistan

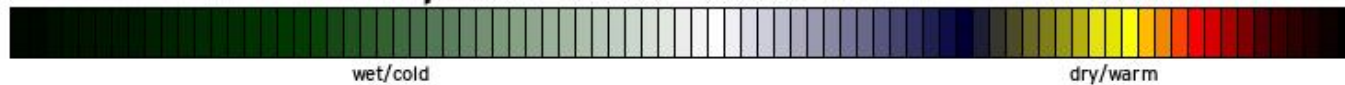
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Satellite data: EUMETSAT



Satellite Water Vapor

Tue 12/09/2025, 10:30am GMT+0430



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 Afghanistan

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Satellite data: EUMETSAT

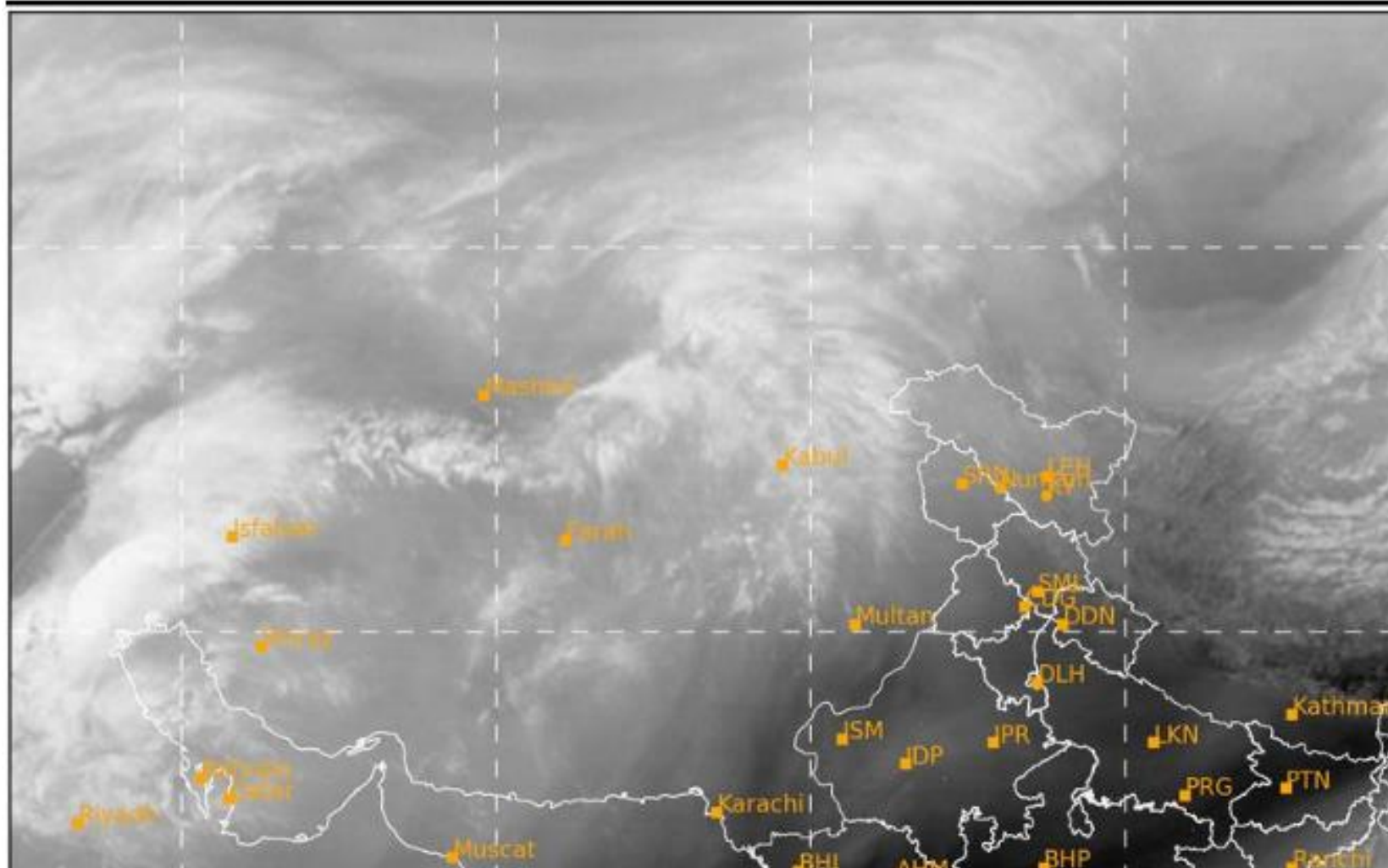
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

09-12-2025/(0515 to 0542) GMT

09-12-2025/(1045 to 1112) IST



SAT : INSAT-3DR IMG

IMG_TIR1 10.8 um

L1C Mercator

09-12-2025/(0515 to 0542) GMT

09-12-2025/(1045 to 1112) IST

