



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



Daily reports of Satellite imagery analysis. Date & Time: 24/09/2025, 09:00 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	√ weak	X	✓	
3	West	X	X	X	✓	X	√ weak	X	X	
4	East	✓	X	X	✓	X	√ weak	X	X	
5	central	✓	✓	X	X	X	√ dry	X	X	
6	Northeast	✓	✓	X	X	X	√ dry	X	X	
7	Southeast	X	✓	X	X	X	√ dry	X	X	
8	Northwest	X	X	X	X	X	√ weak	X	X	
9	Southwest	X	X	X	✓	X	√ weak	X	X	

**Details:** according to satellite imagery analysis the eastern, central and northeastern areas have weak worm air mass (High UTH). The central, northeastern and southeastern areas have weak dust. The western, eastern and southwestern area have partly cloudy sky. The northern, southern, western, eastern, northwestern and southwestern areas have weak water vapor the central, northeastern and southeastern areas are dry. The southern area has jet stream.

**Note:** X (Not existing phenomena), √ (exist phenomena)

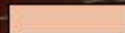
Reported by: Mohammad Jawed Moradi

UTC : 2025-09-24 08:45

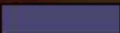
AirMass



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)

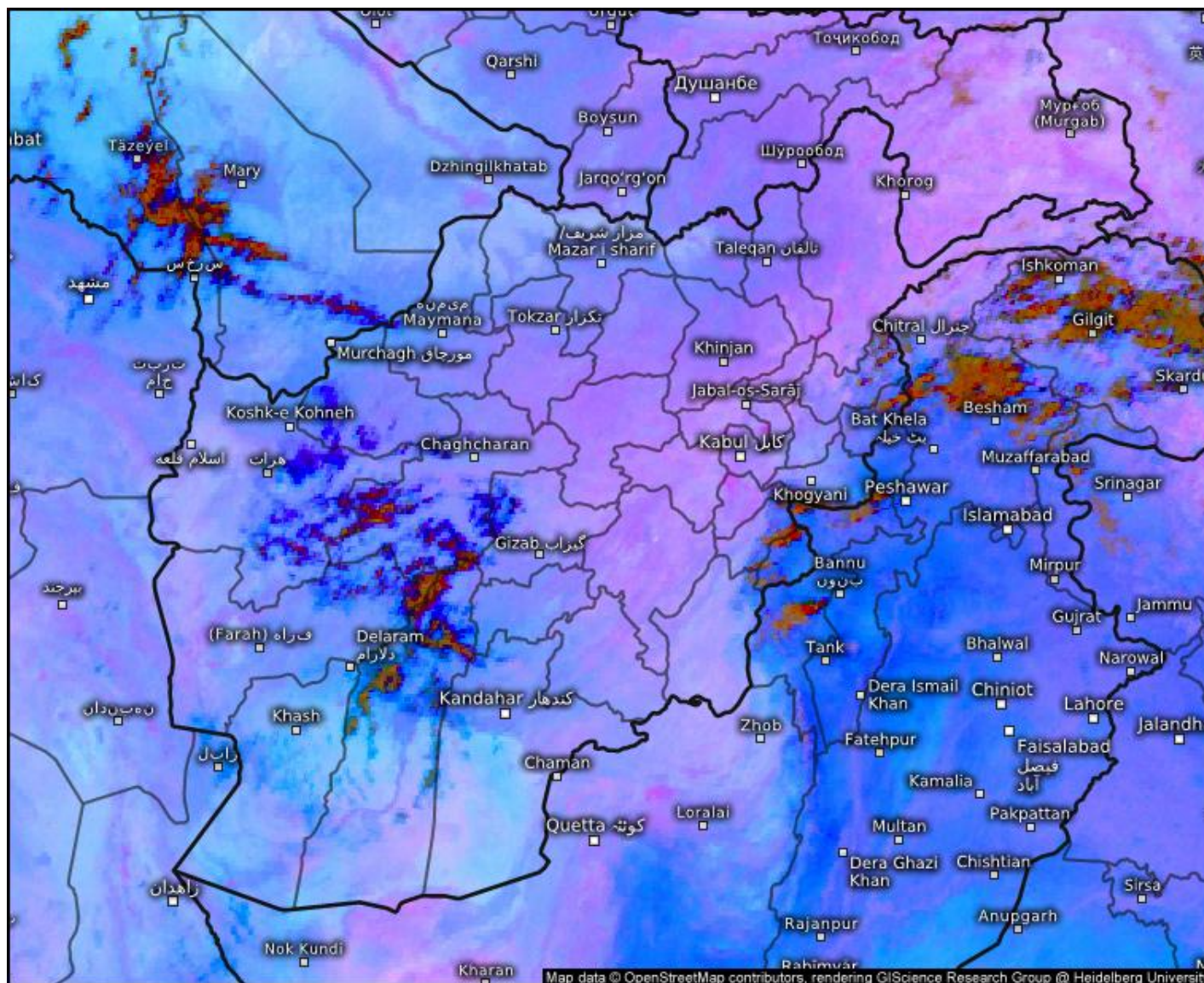
G = IR (8.5) - IR (10.8)

B = WV (6.25)

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







## Satellite Dust

Wed 09/24/2025, 01:30pm GMT+0430

© Kachelmann GmbH - Download for private use only!

Sharing: Please get the pic's permalink from share button top right

Afghanistan

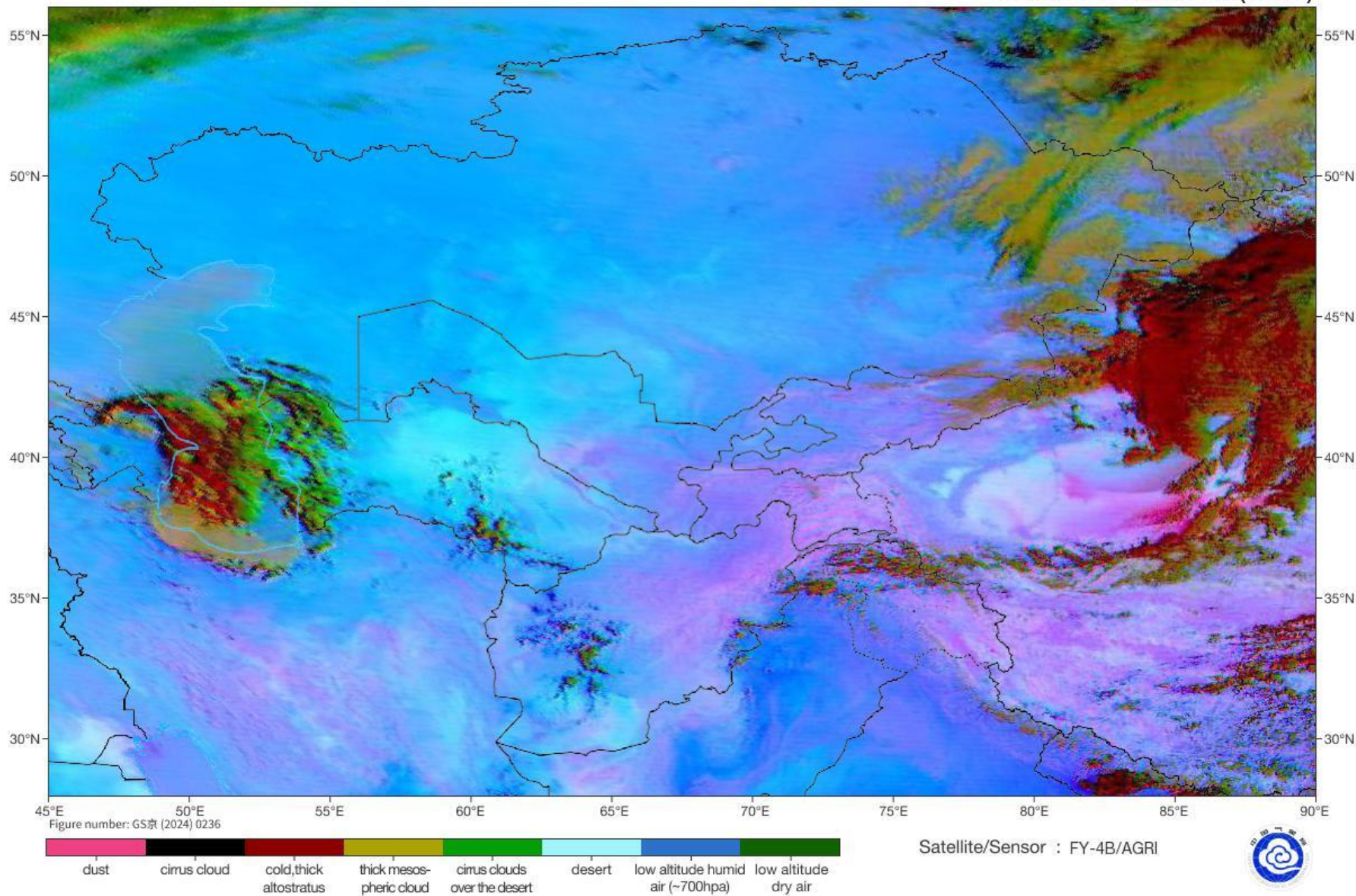
 **meteologix.com**

Satellite data: EUMETSAT

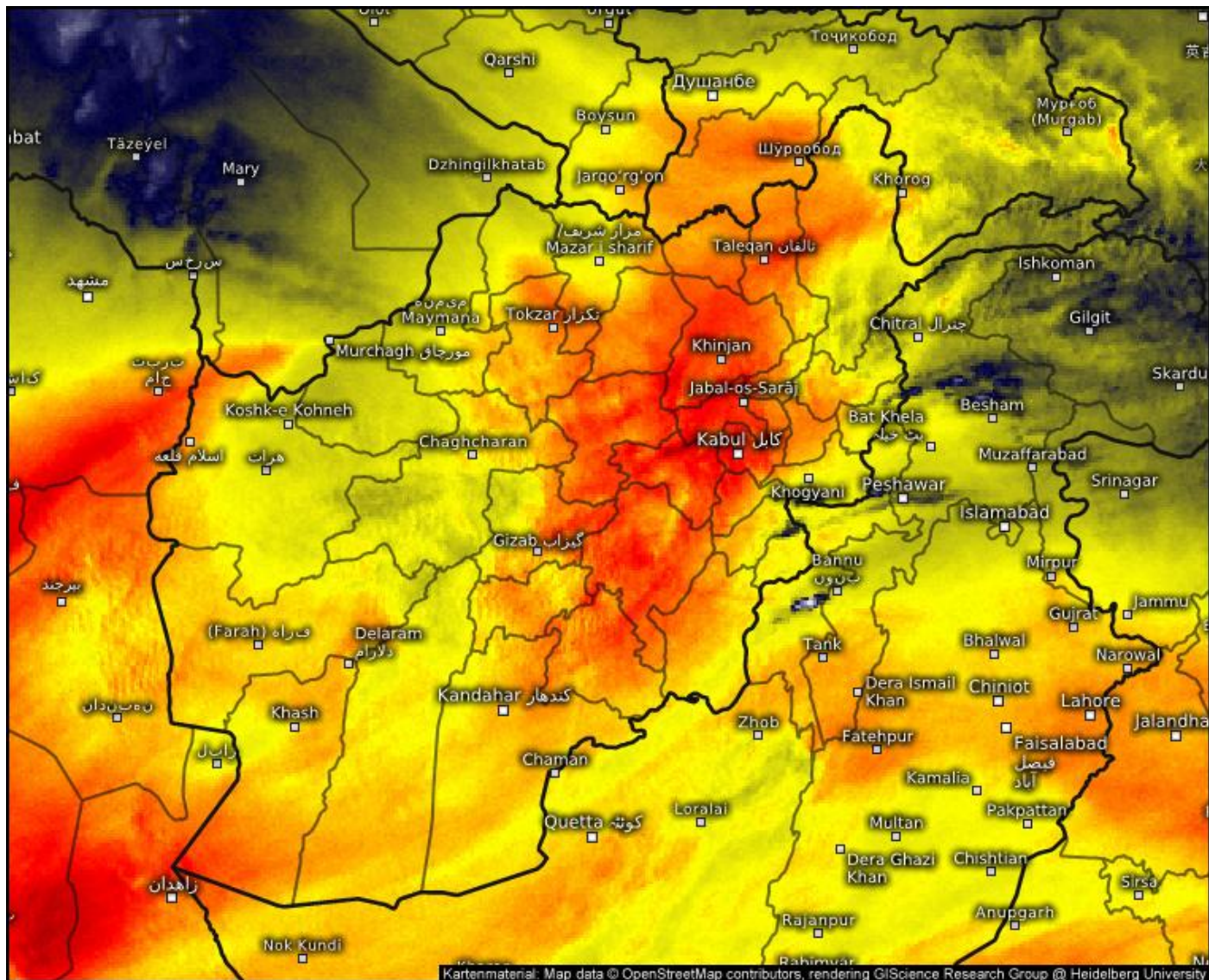


## Sand And Dust Identification

2025-09-24 08:45(UTC)

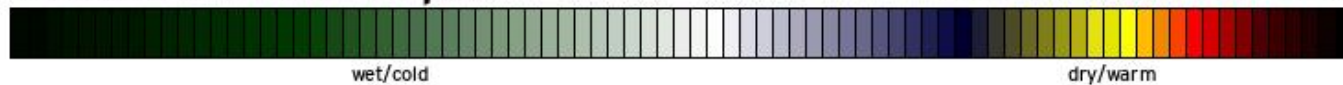






## Satellite Water Vapor

Wed 09/24/2025, 01:30pm GMT+0430



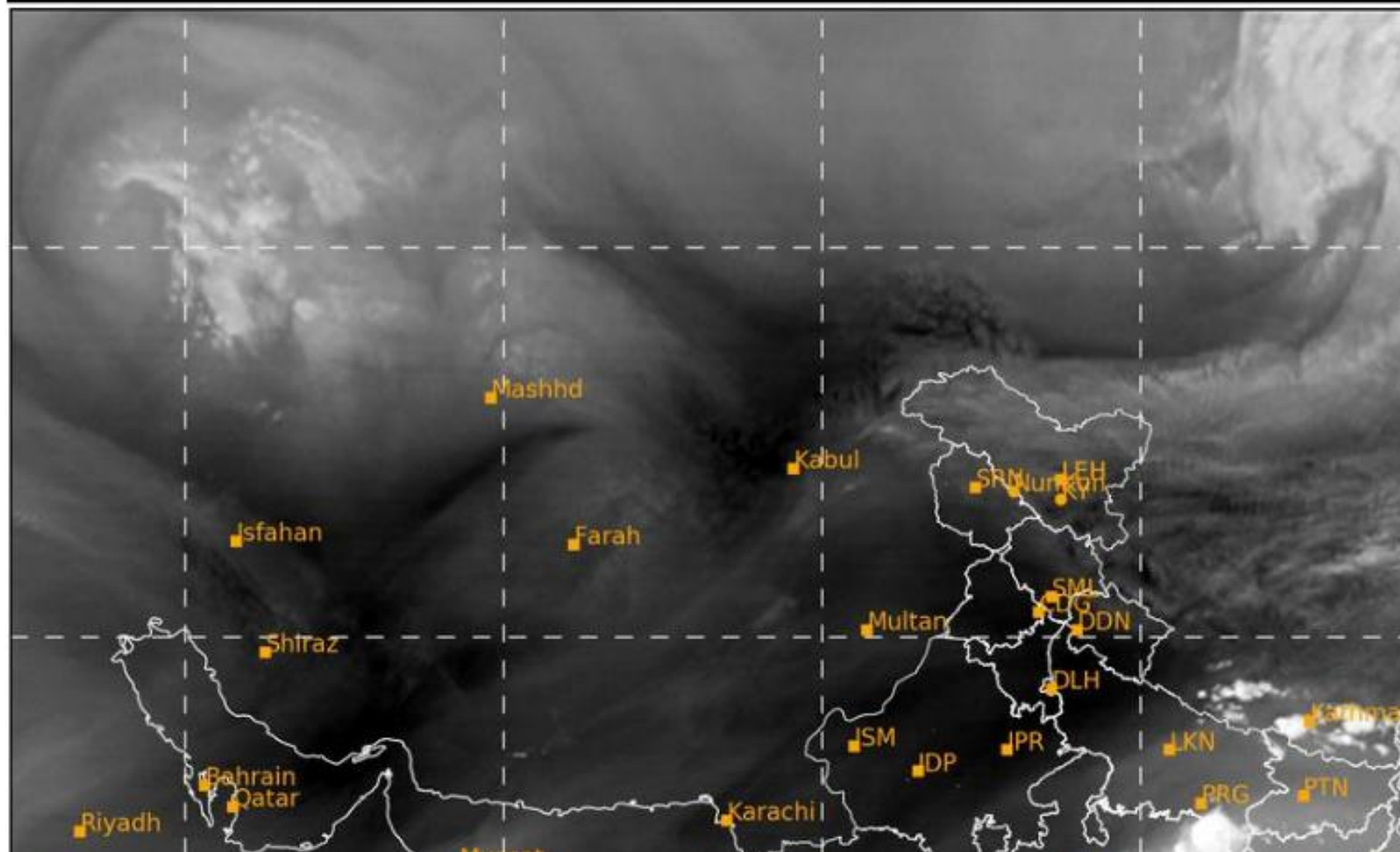
© Kachelmann GmbH - Download for private use only!  
Sharing: Please get the pic's permalink from share button top right  
Afghanistan

meteologix.com

Satellite data: EUMETSAT

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

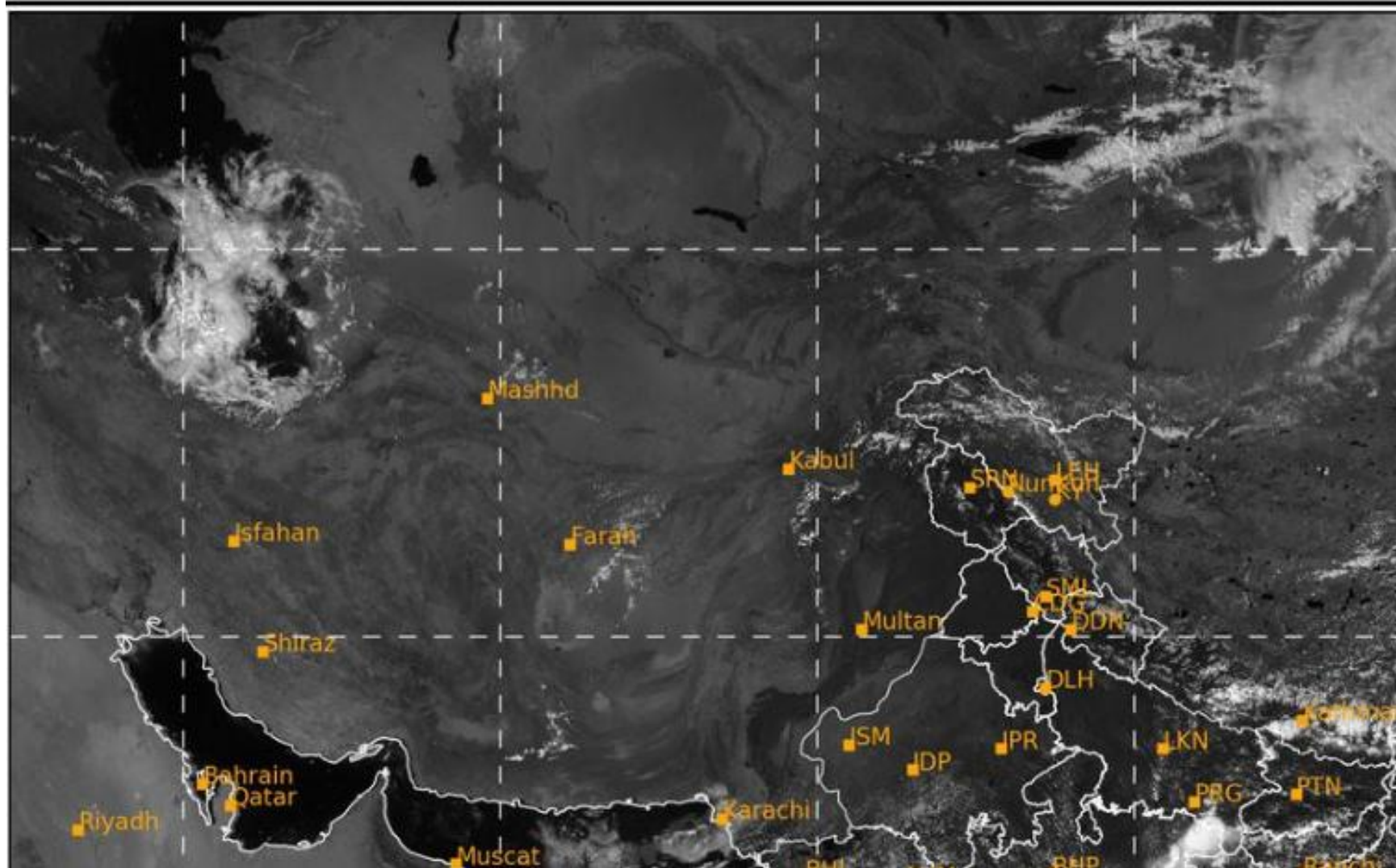
24-09-2025/(0745 to 0812) GMT  
24-09-2025/(1315 to 1342) IST

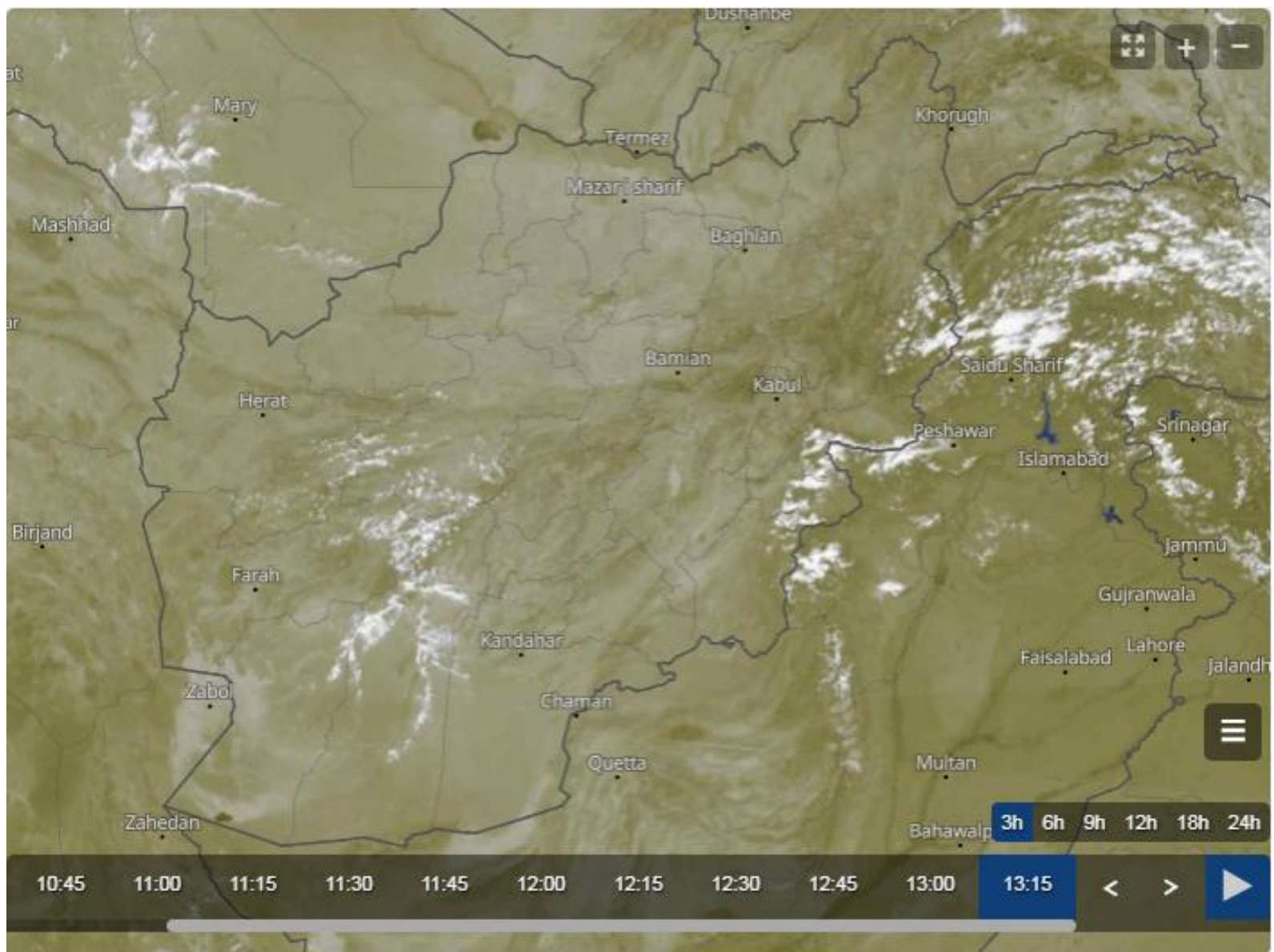




SAT : INSAT-3DR IMG  
Visible Count 0.65 um  
L1C Mercator

24-09-2025/(0745 to 0812) GMT  
24-09-2025/(1315 to 1342) IST







# Cloud Top Height

2025-09-24 08:45(UTC)

