



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



**Daily reports of Satellite imagery analysis. Date & Time: 17-06-2026, 09:00 UTC**

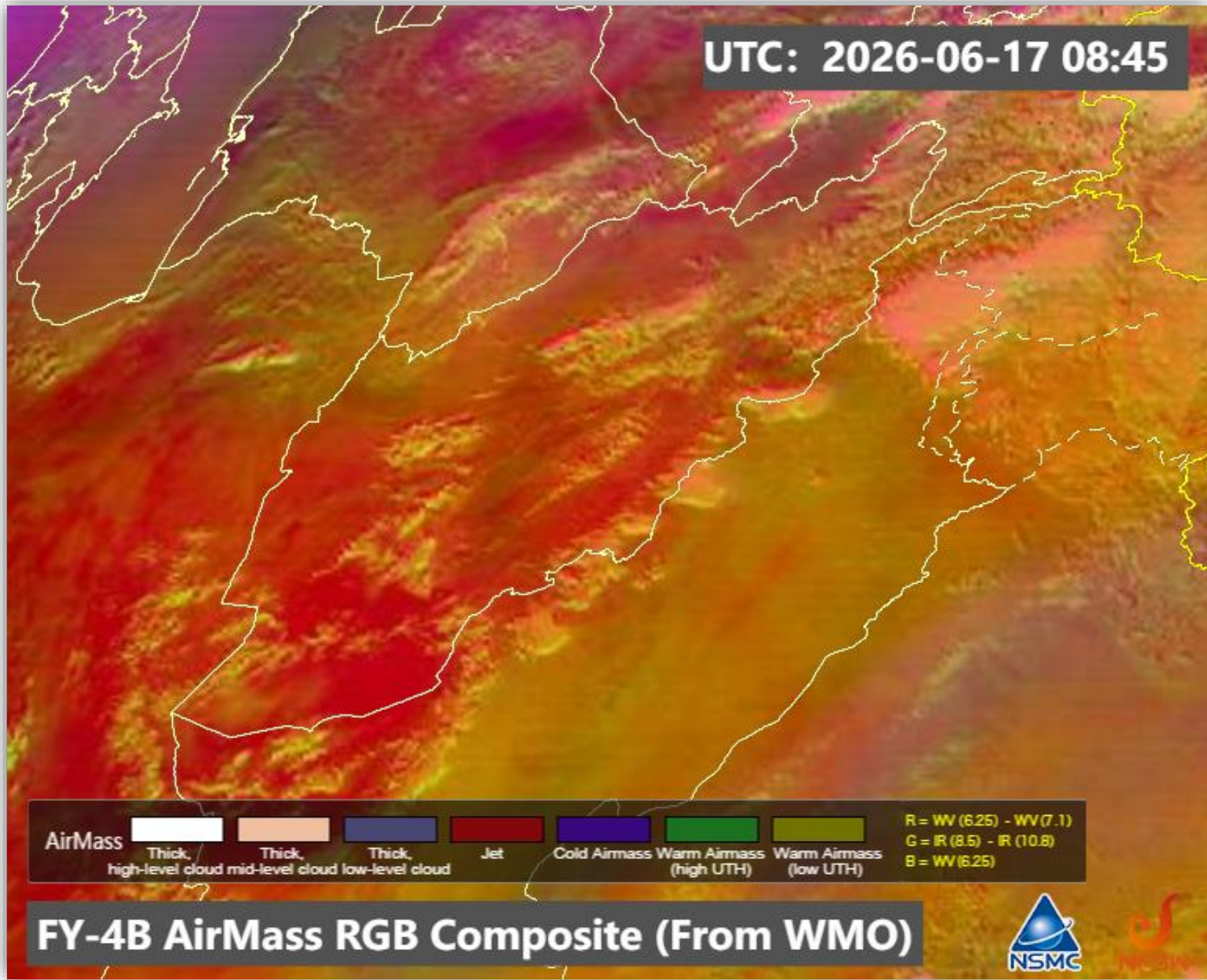
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	✓	X	X	X	✓ weak	X	X	
2	South	X	X	X	✓	X	✓ weak	X	✓	
3	West	X	X	X	X	X	✓ dry	X	✓	
4	East	X	X	X	✓	X	✓ weak	X	X	
5	central	X	X	✓	✓	X	✓ weak	X	X	
6	Northeast	X	X	✓	✓	X	✓ weak	X	X	
7	Southeast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

**Details:** according to satellite imagery analysis, the northern and southwestern areas are weak dust. The central and northeastern areas are thunder storm. The southern, eastern, central, northeastern and southwestern areas are partly cloudy sky. The all regions are weak water vapor which the exception of western and southeastern areas are dry. The southern, western and southwestern areas are Jetstream.

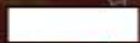
Reported by: Mohammad Jawed Moradi.

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

UTC: 2026-06-17 08:45

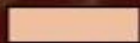


AirMass



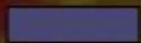
Thick,

high-level cloud



Thick,

mid-level cloud



Thick,

low-level cloud



Jet

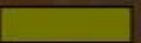


Cold Airmass



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)



# Sand And Dust Identification

2026-06-17 09:00(UTC)

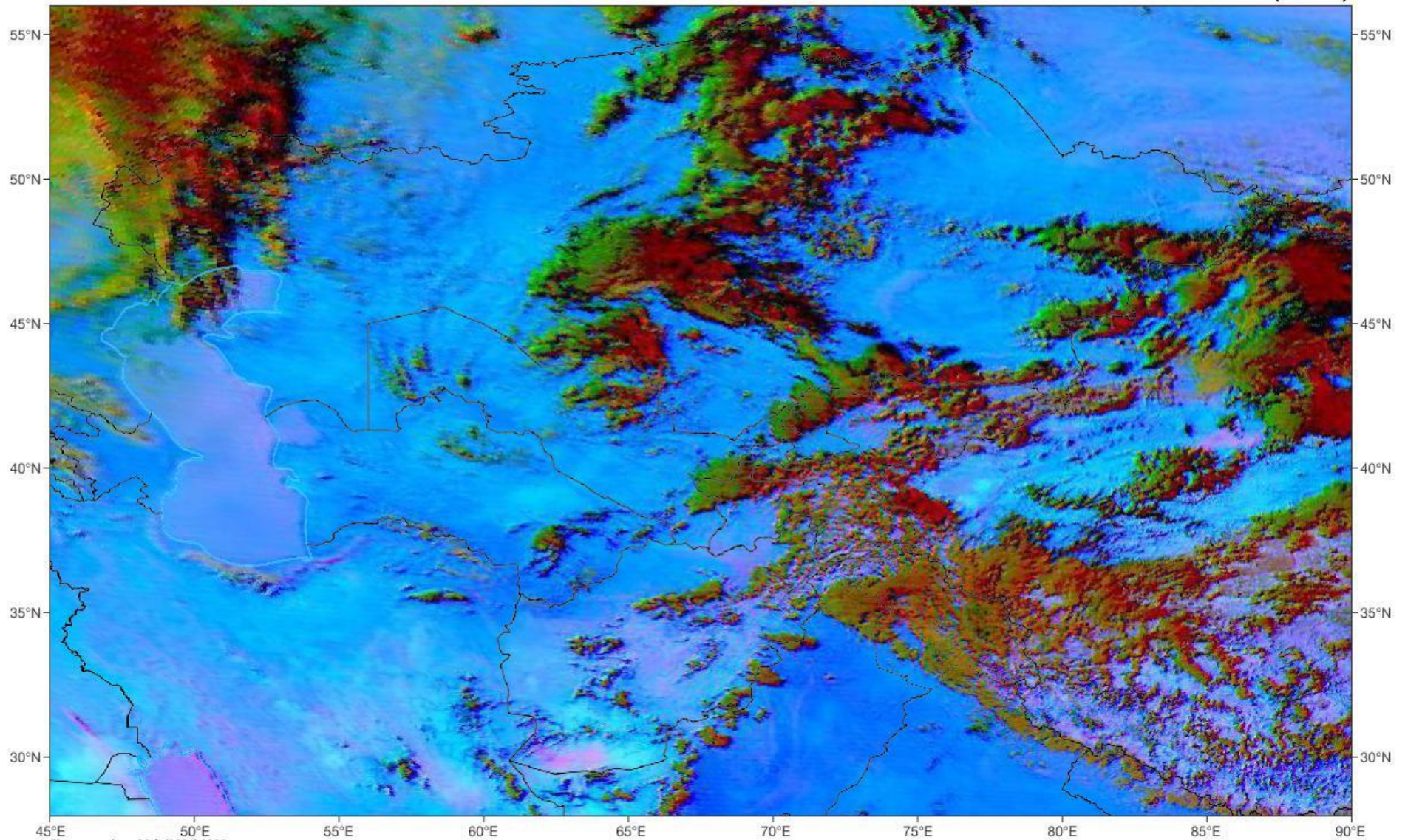
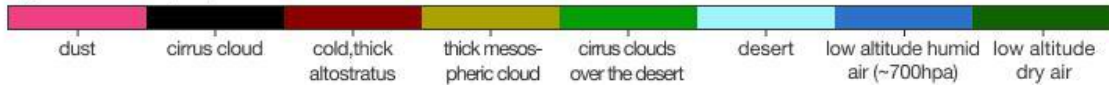
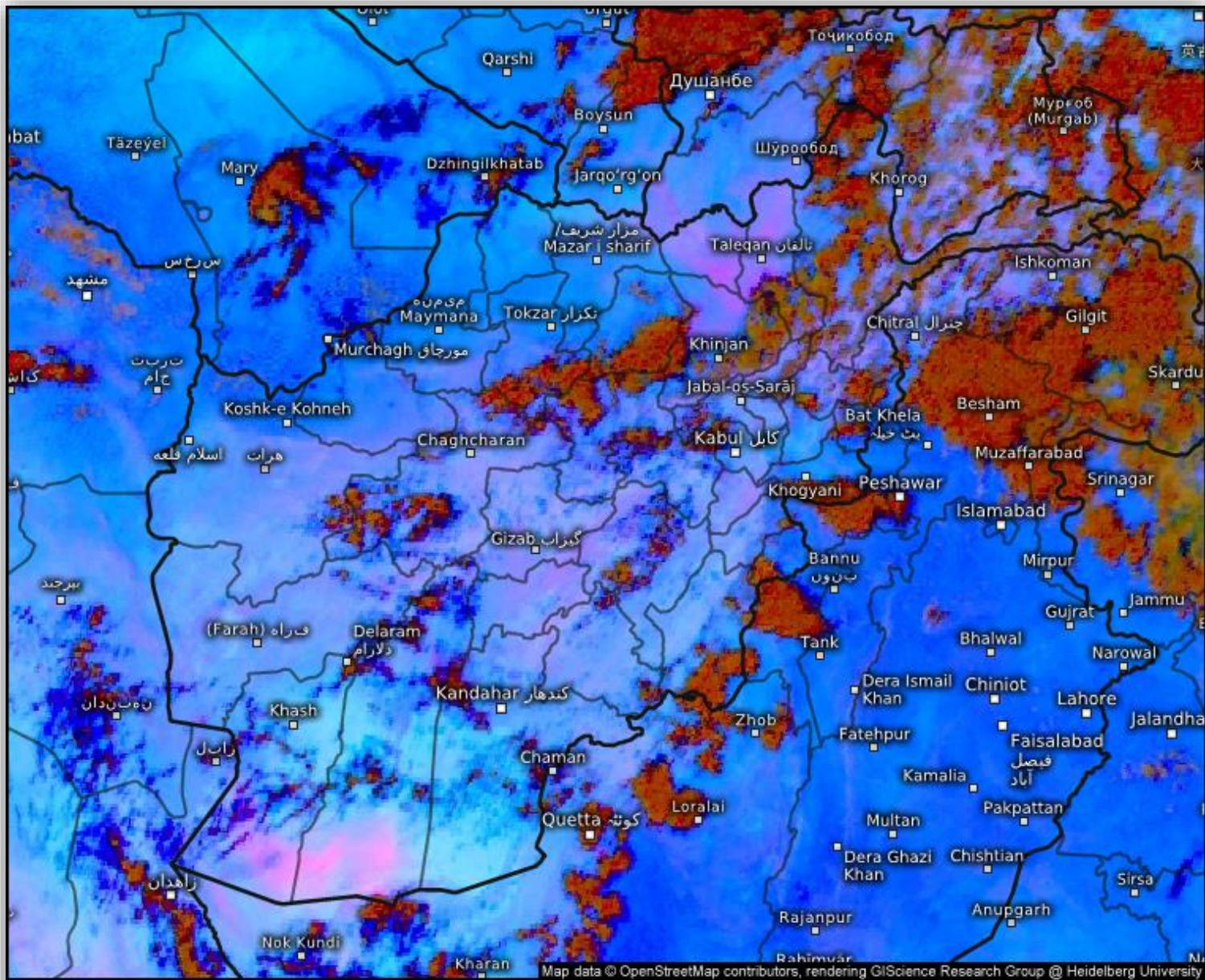


Figure number: GS京 (2024) 0236



Satellite/Sensor : FY-4B/AGRI





## Satellite Dust

Wed 06/17/2026, 01:30pm GMT+0430

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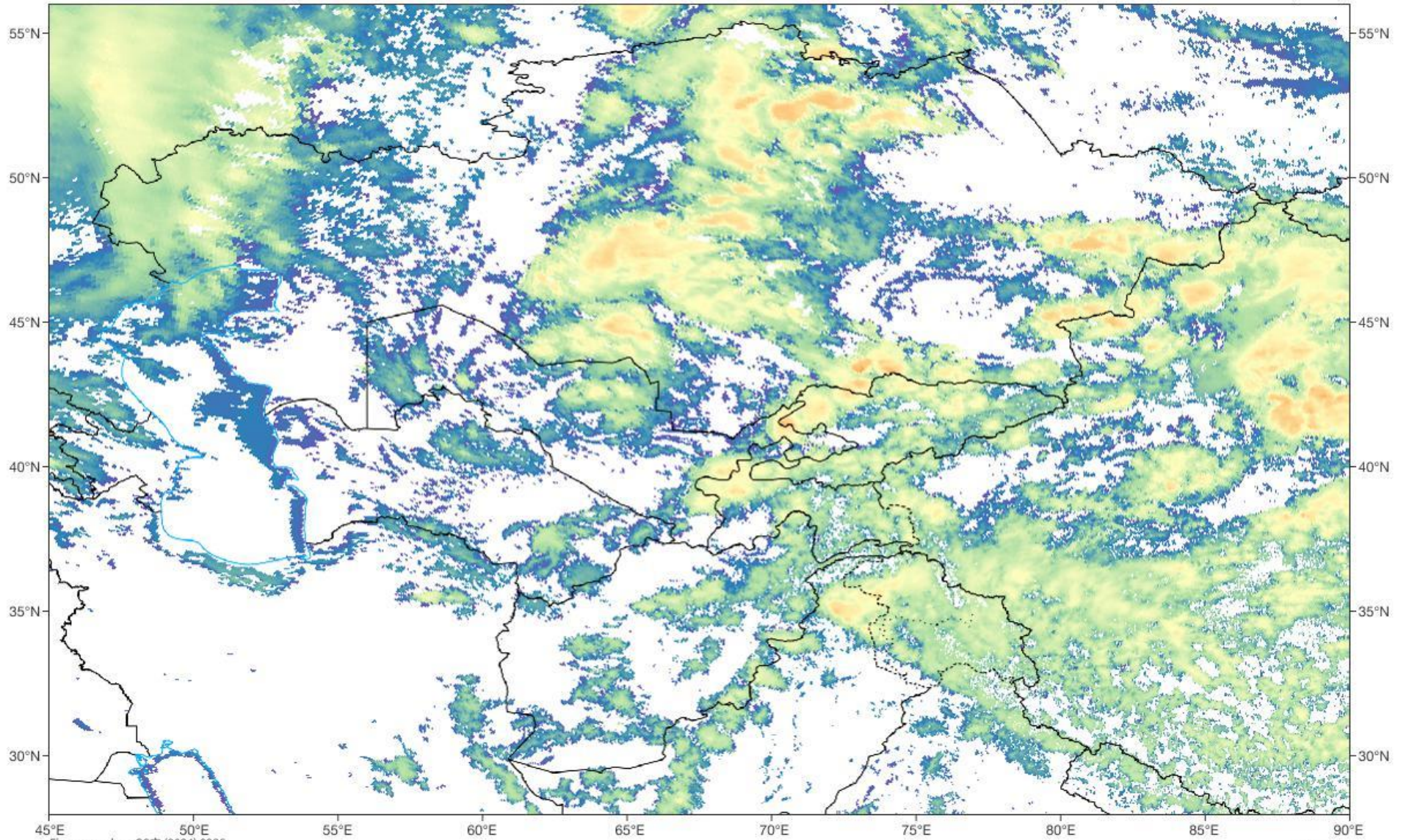
Afghanistan

 **meteologix**

Satellite data: EUMETSAT

# Cloud Top Height

2026-06-17 09:00(UTC)



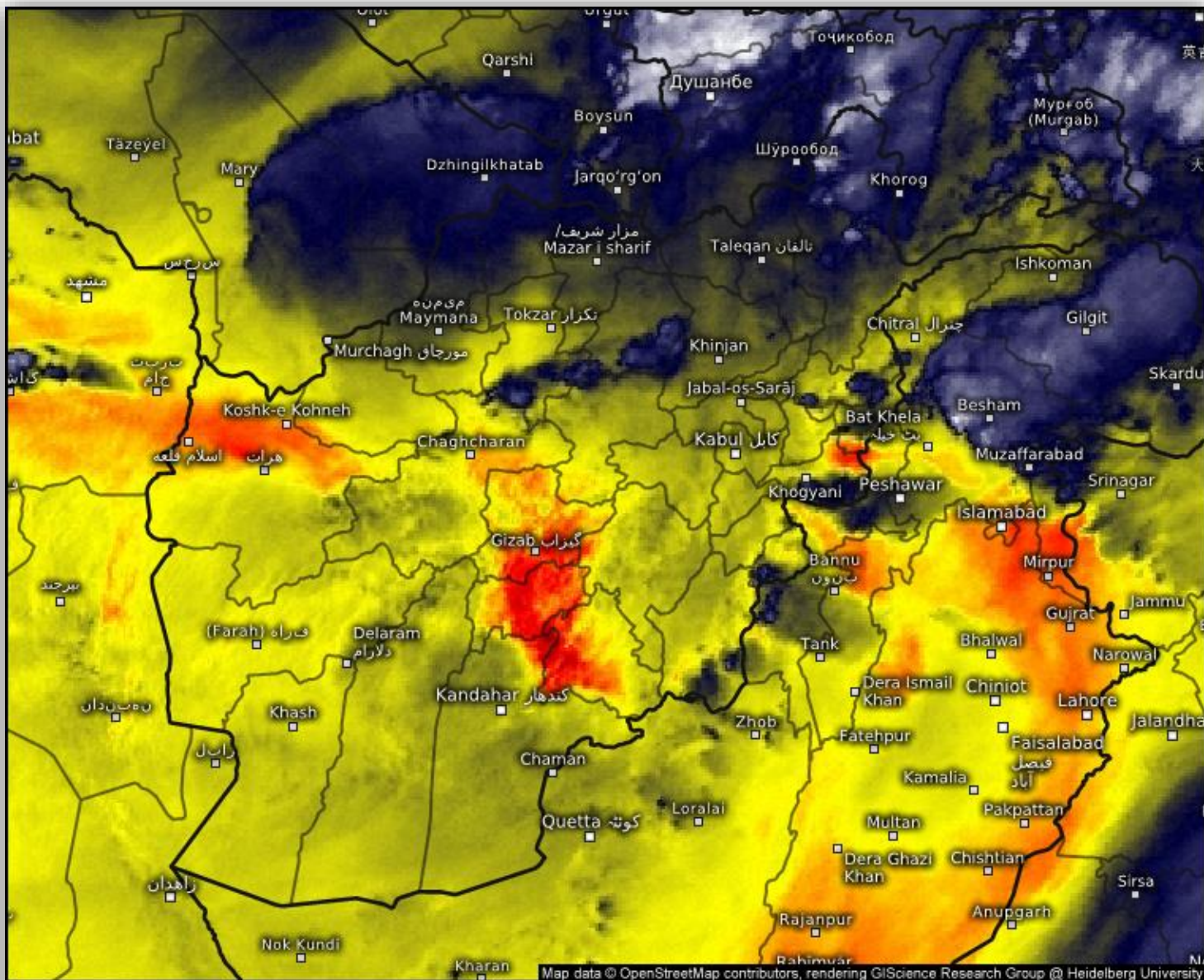
45°E 50°E 55°E 60°E 65°E 70°E 75°E 80°E 85°E 90°E  
Figure number: GS京(2024) 0236

CTH km

Satellite/Sensor : FY-4B/AGRI

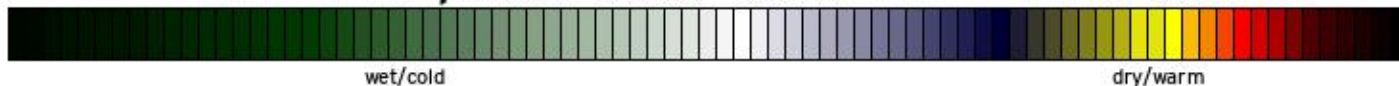






## Satellite Water Vapor

Wed 06/17/2026, 01:30pm GMT+0430



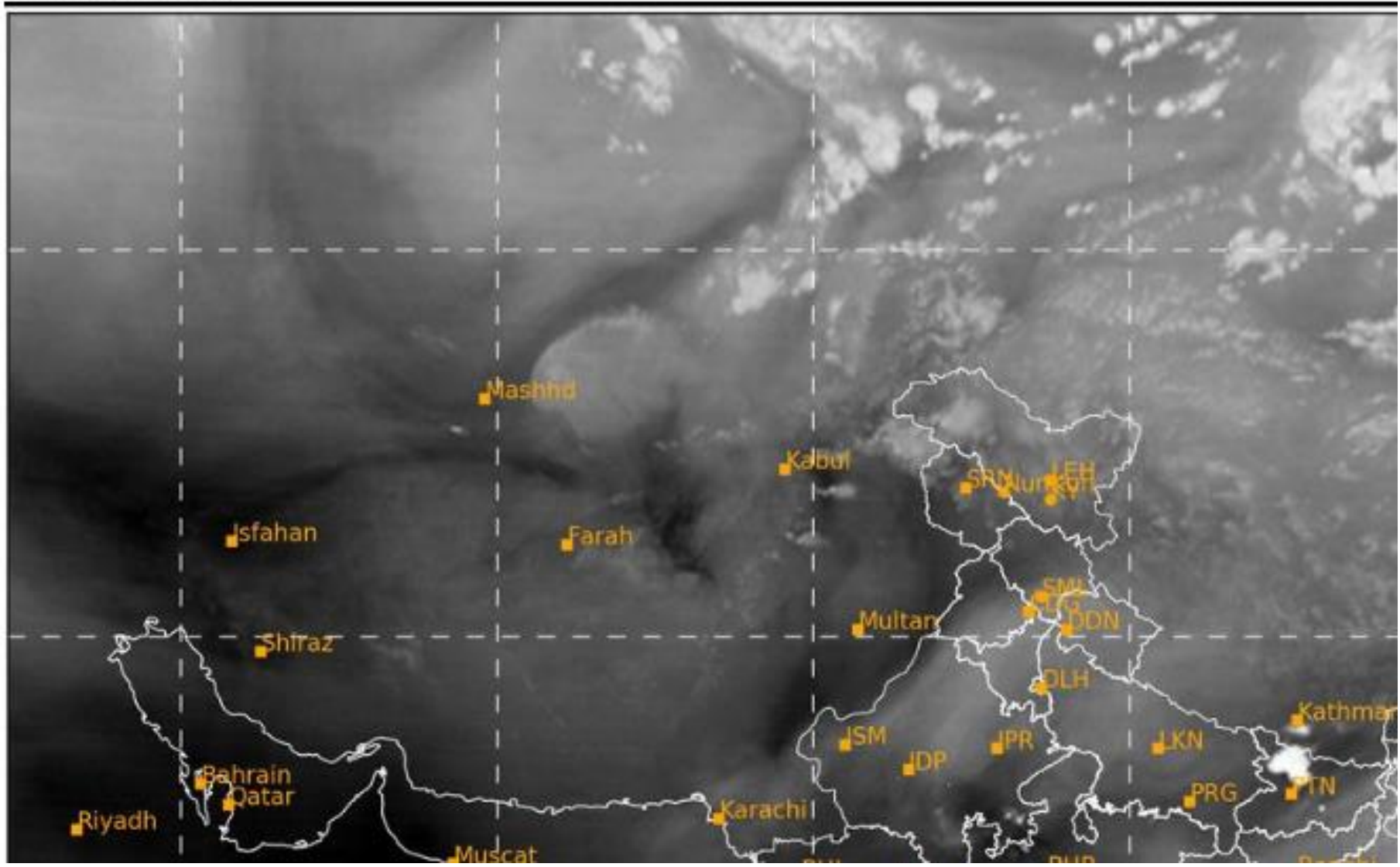
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 Afghanistan

meteologix

Satellite data: EUMETSAT

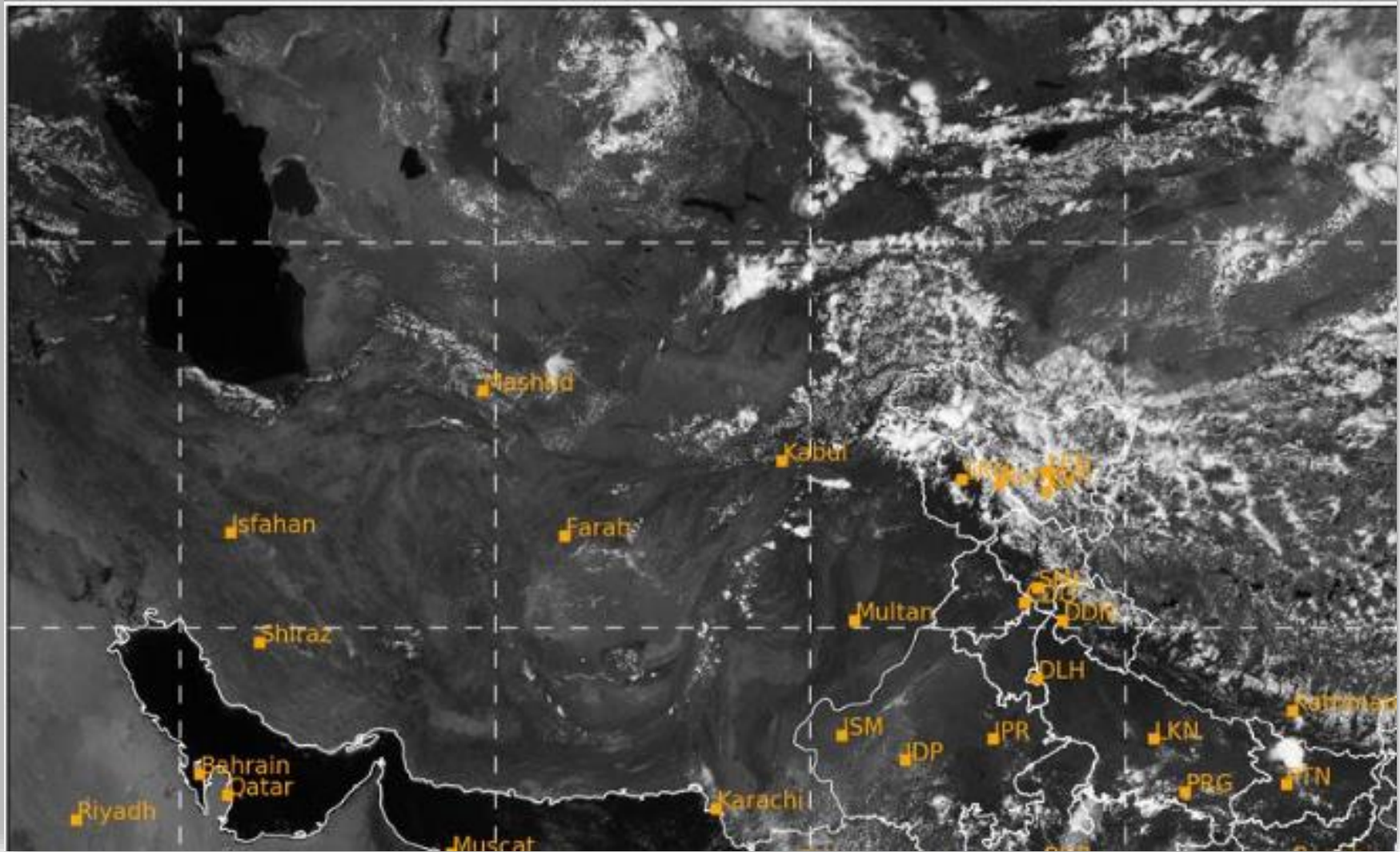
SAT : INSAT-3DR IMG  
IMG\_WV 6.8 um  
L1C Mercator

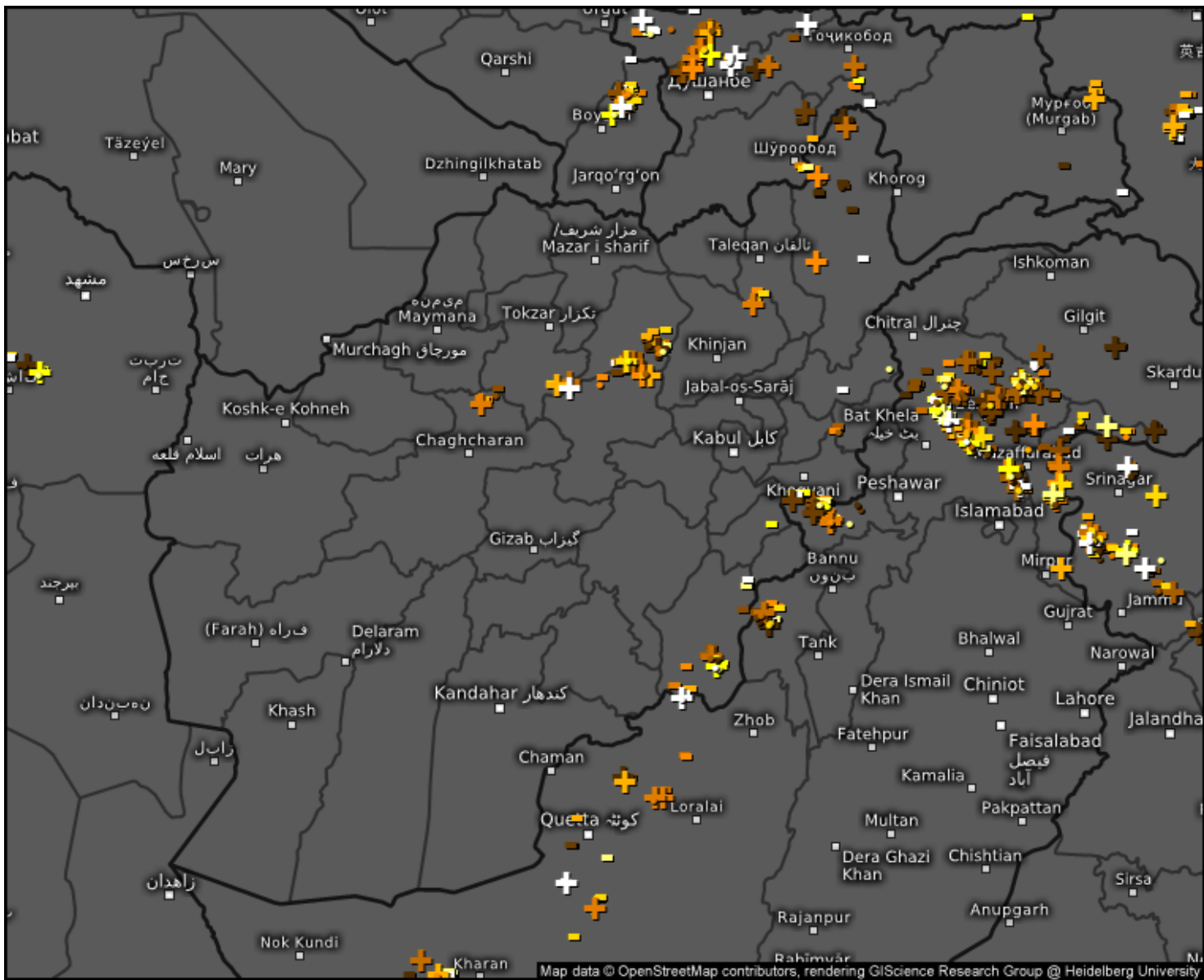
17-06-2026/(0715 to 0742) GMT  
17-06-2026/(1245 to 1312) IST



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

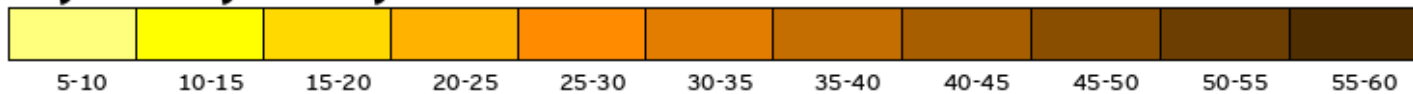
17-06-2026/(0715 to 0742) GMT  
17-06-2026/(1245 to 1312) IST





### Age of lightning (minutes)

Wed 06/17/2026, 01:30pm GMT+0430



Afghanistan

