



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



Daily reports of Satellite imagery analysis. Date & Time: 15-06-2026, 09:00 UTC

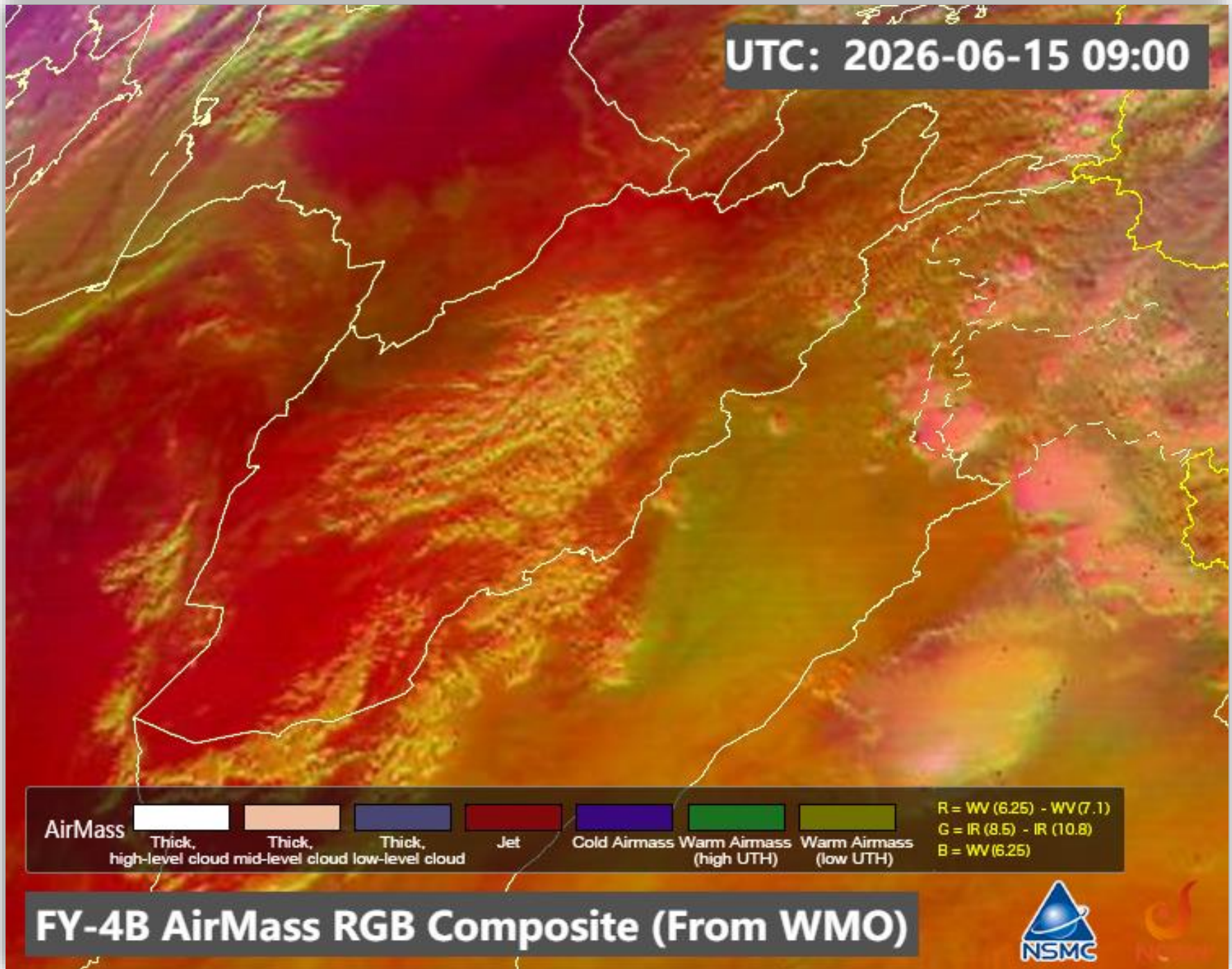
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	X	X	X	X	✓ weak	X	✓	
2	South	X	X	X	✓	X	✓ weak	X	✓	
3	West	X	✓	X	✓	X	✓ dry	X	✓	
4	East	X	✓	X	X	X	✓ dry	X	X	
5	central	X	X	X	✓	X	✓ weak	X	X	
6	Northeast	X	X	X	X	X	✓ weak	X	X	
7	Southeast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

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

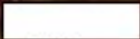
Reported by: Mohammad Jawed Moradi.

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

UTC: 2026-06-15 09:00



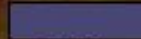
AirMass



Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

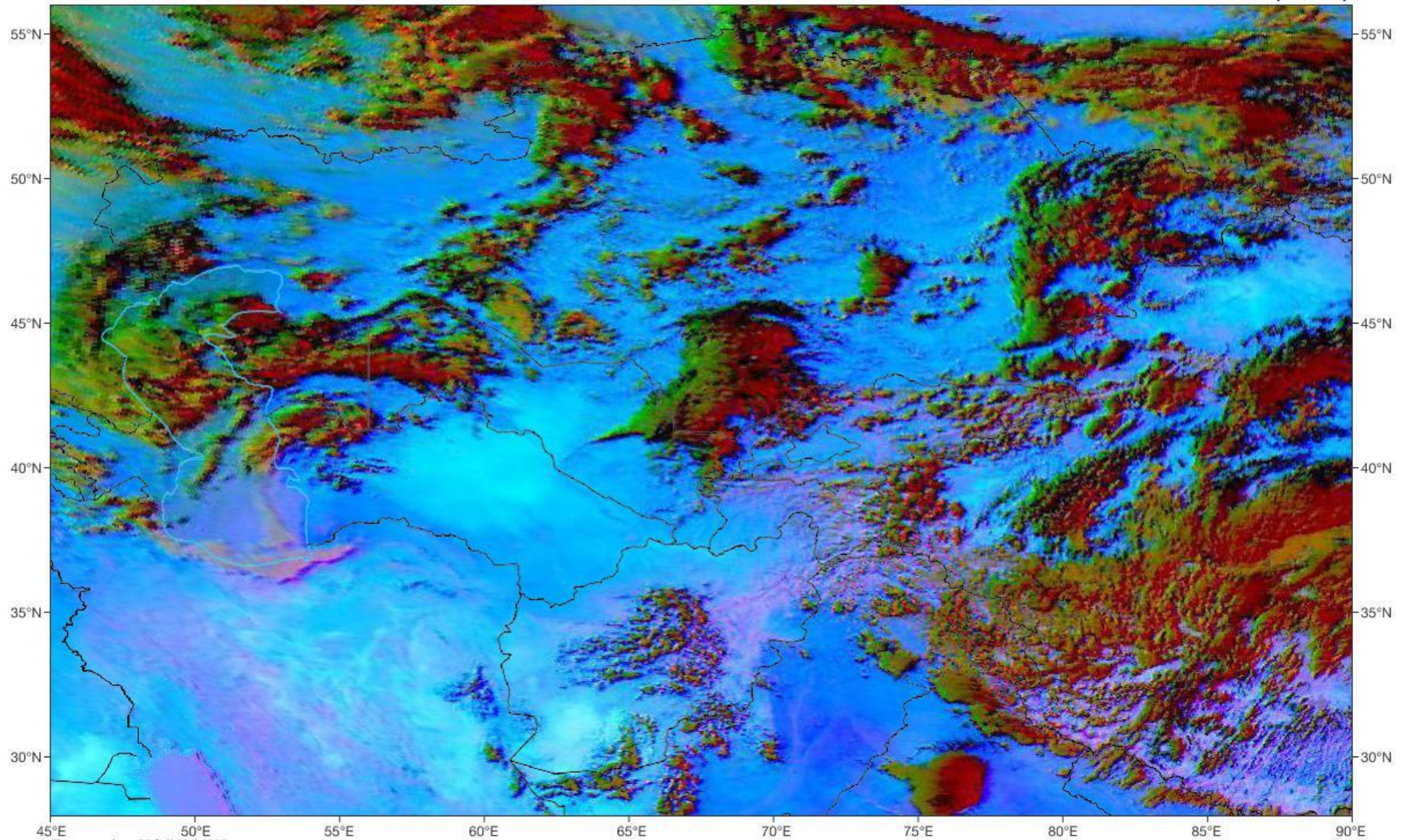
R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)



Sand And Dust Identification

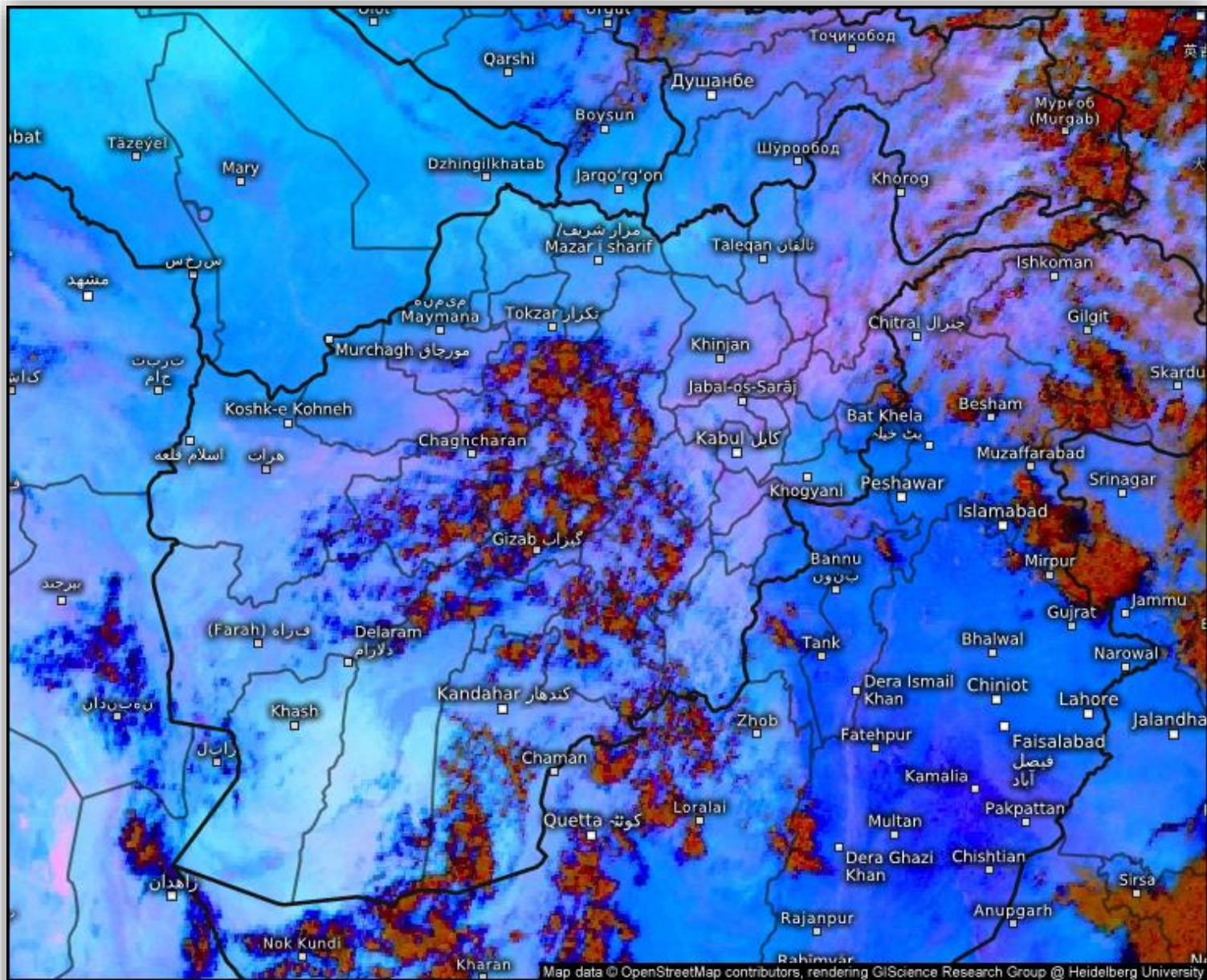
2026-06-15 09:00(UTC)



dust	cirrus cloud	cold, thick altostratus	thick mesospheric cloud	cirrus clouds over the desert	desert	low altitude humid air (~700hpa)	low altitude dry air
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Satellite/Sensor : FY-4B/AGRI





Satellite Dust

Mon 06/15/2026, 01:30pm GMT+0430

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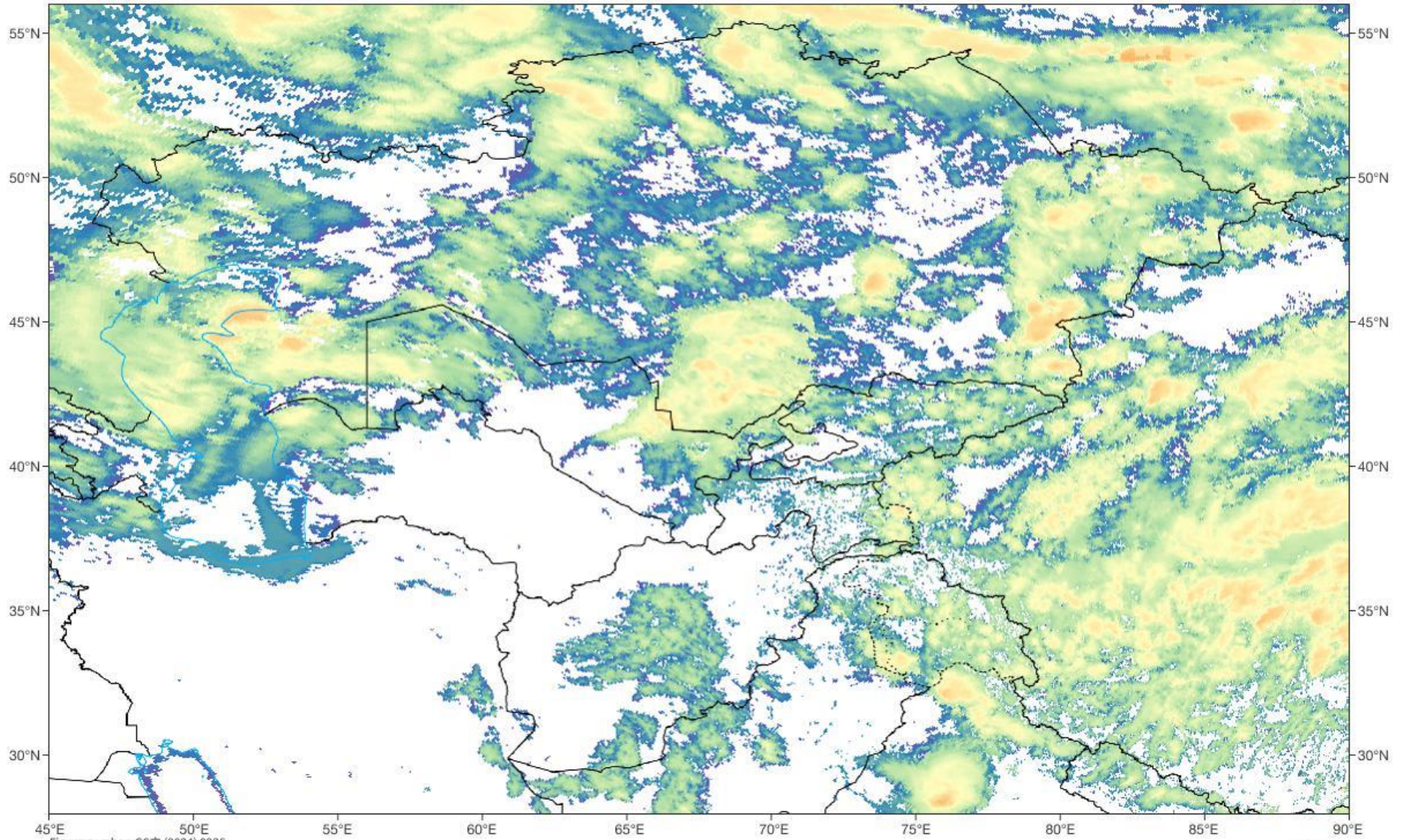
Afghanistan

 **meteologix**

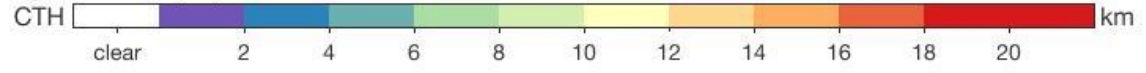
Satellite data: EUMETSAT

Cloud Top Height

2026-06-15 09:00(UTC)



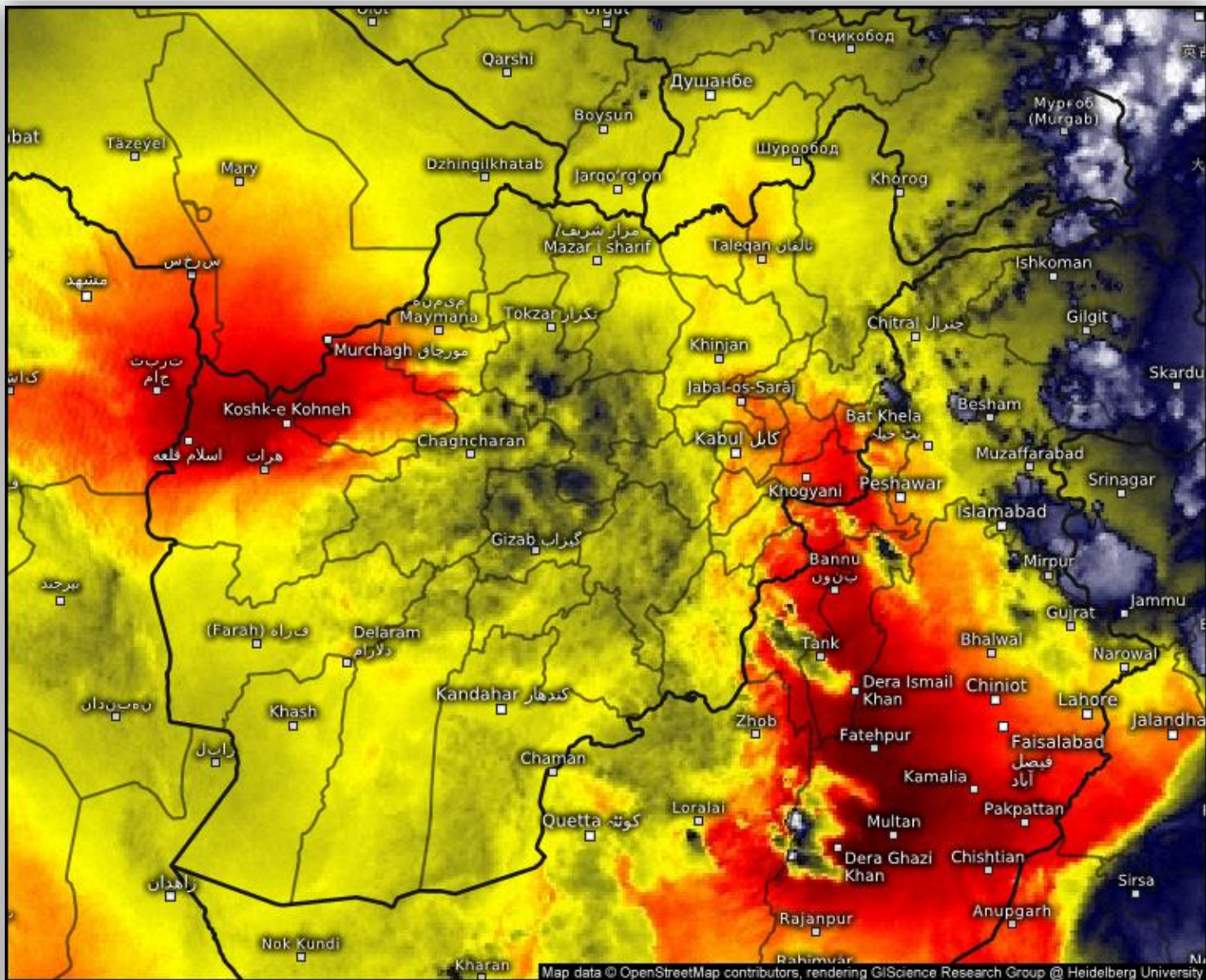
45°E 50°E 55°E 60°E 65°E 70°E 75°E 80°E 85°E 90°E
Figure number: GS京 (2024) 0236



Satellite/Sensor : FY-4B/AGRI

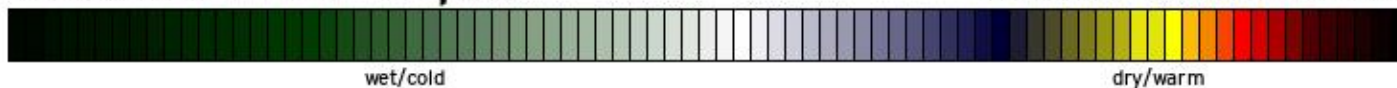






Satellite Water Vapor

Mon 06/15/2026, 01:30pm GMT+0430



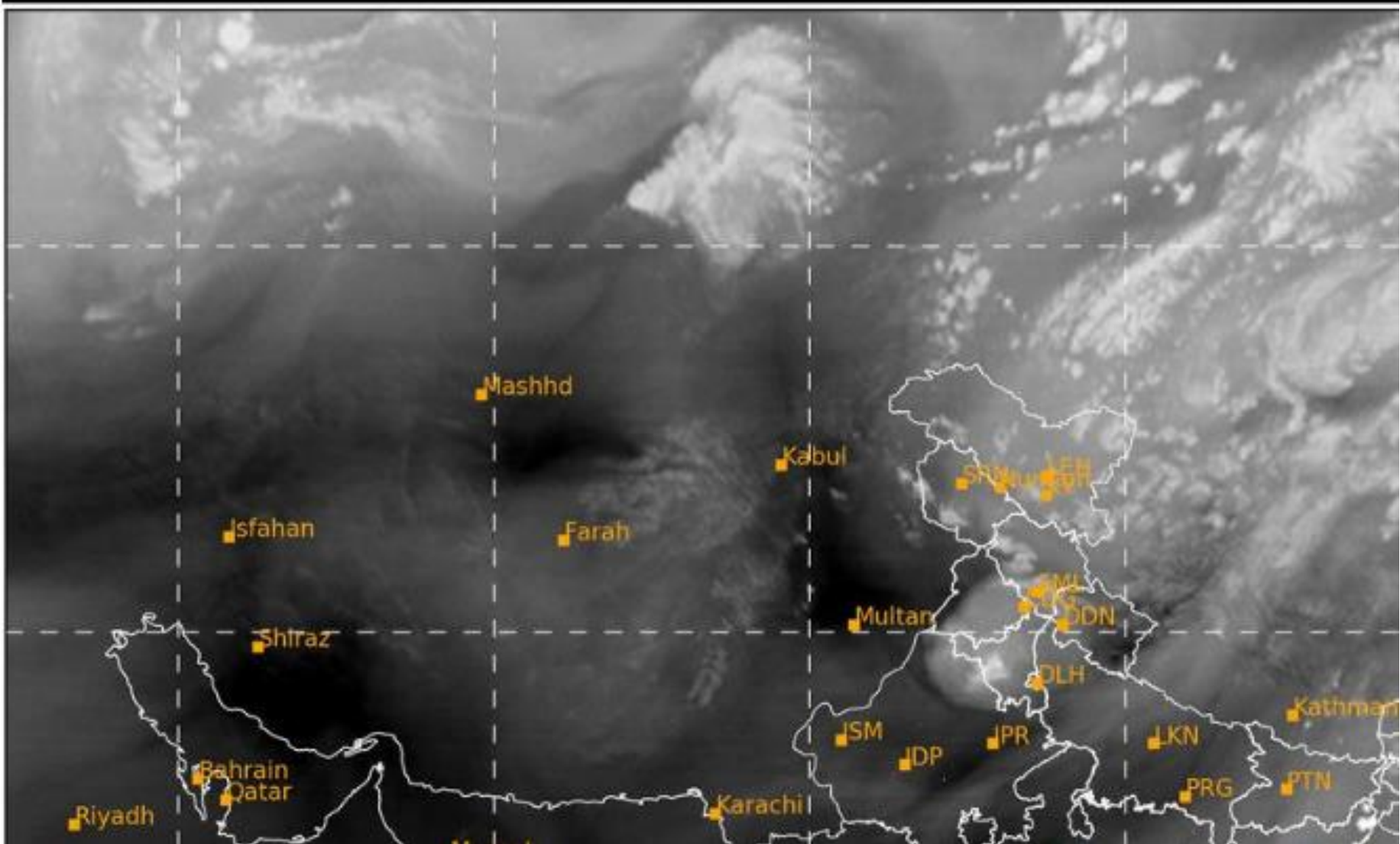
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 Afghanistan

meteologix

Satellite data: EUMETSAT

SAT : INSAT-3DR IMG
IMG_WV 6.8 um
LIC Mercator

15-06-2026/(0715 to 0742) GMT
15-06-2026/(1245 to 1312) IST



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

15-06-2026/(0715 to 0742) GMT
15-06-2026/(1245 to 1312) IST

