



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



Daily reports of Satellite imagery analysis. Date & Time: 06/09/2025, 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	√ dry	X	X	
2	South	X	X	X	X	X	√ dry	X	X	
3	West	✓	✓	X	X	X	√ dry	X	X	
4	East	X	X	✓	✓	X	√ dry	X	X	
5	central	X	✓	X	X	X	√ dry	X	X	
6	Northeast	X	X	X	✓	X	√ weak	X	X	
7	Southeast	X	X	X	X	X	√ dry	X	X	
8	Northwest	✓	✓	X	X	X	√ dry	X	X	
9	Southwest	X	✓	X	X	X	√ dry	X	X	

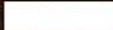
Details: according to satellite imagery analysis the northern, western and northwestern areas have weak worm air mass. The western, central, northwestern and southwestern areas have weak dust. The eastern area has thunder storm. The eastern and northeastern areas have partly cloudy sky. The all regions are dry which the exception of northeastern area has weak water vapor.

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

Reported by: Mohammad Jawed Moradi

UTC : 2025-09-06 08:45

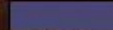
AirMass



Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



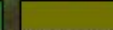
Jet



Cold Airmass



Warm Airmass
(high UTH)

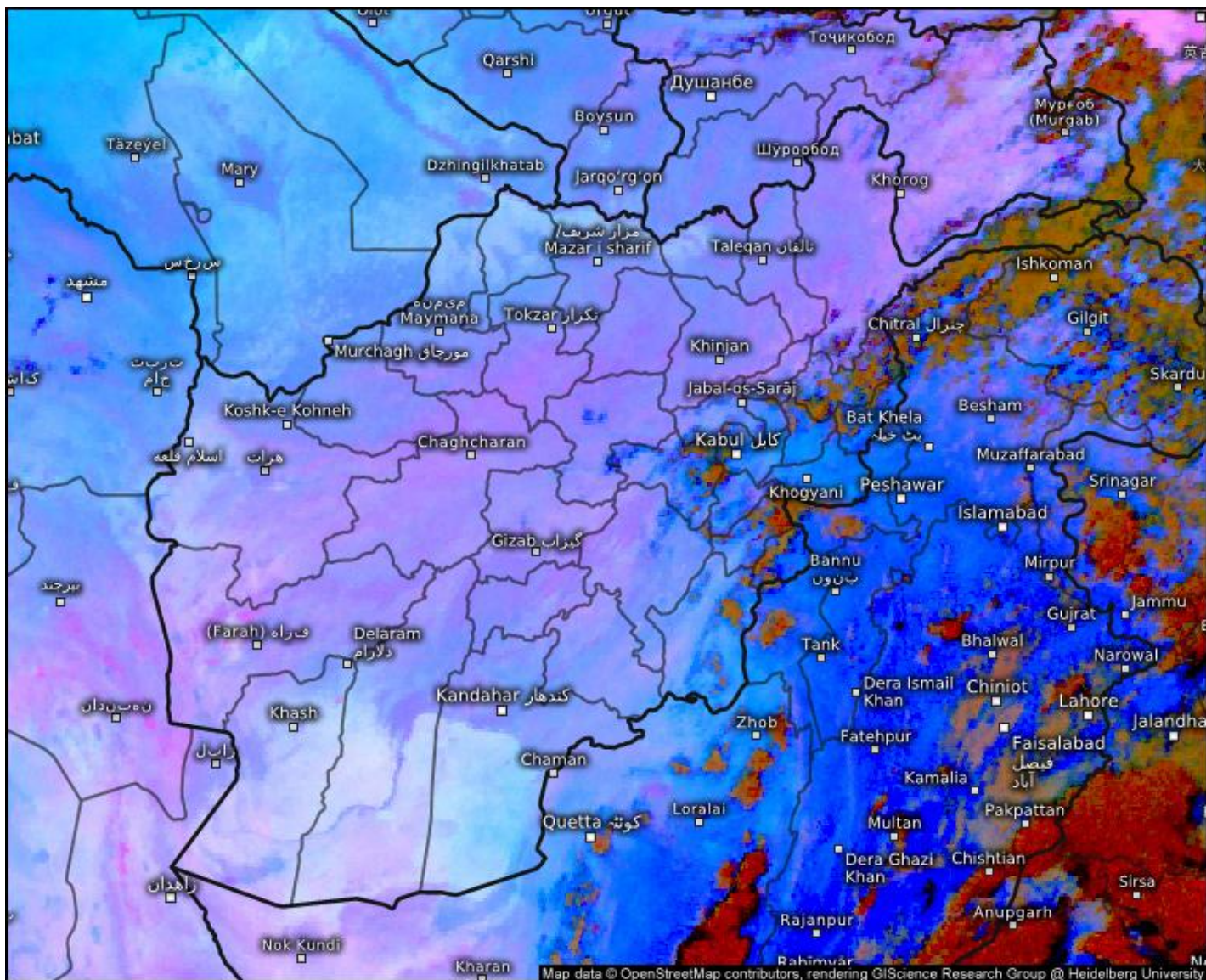


Warm Airmass
(low UTH)

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

Sat 09/06/2025, 01:30pm GMT+0430

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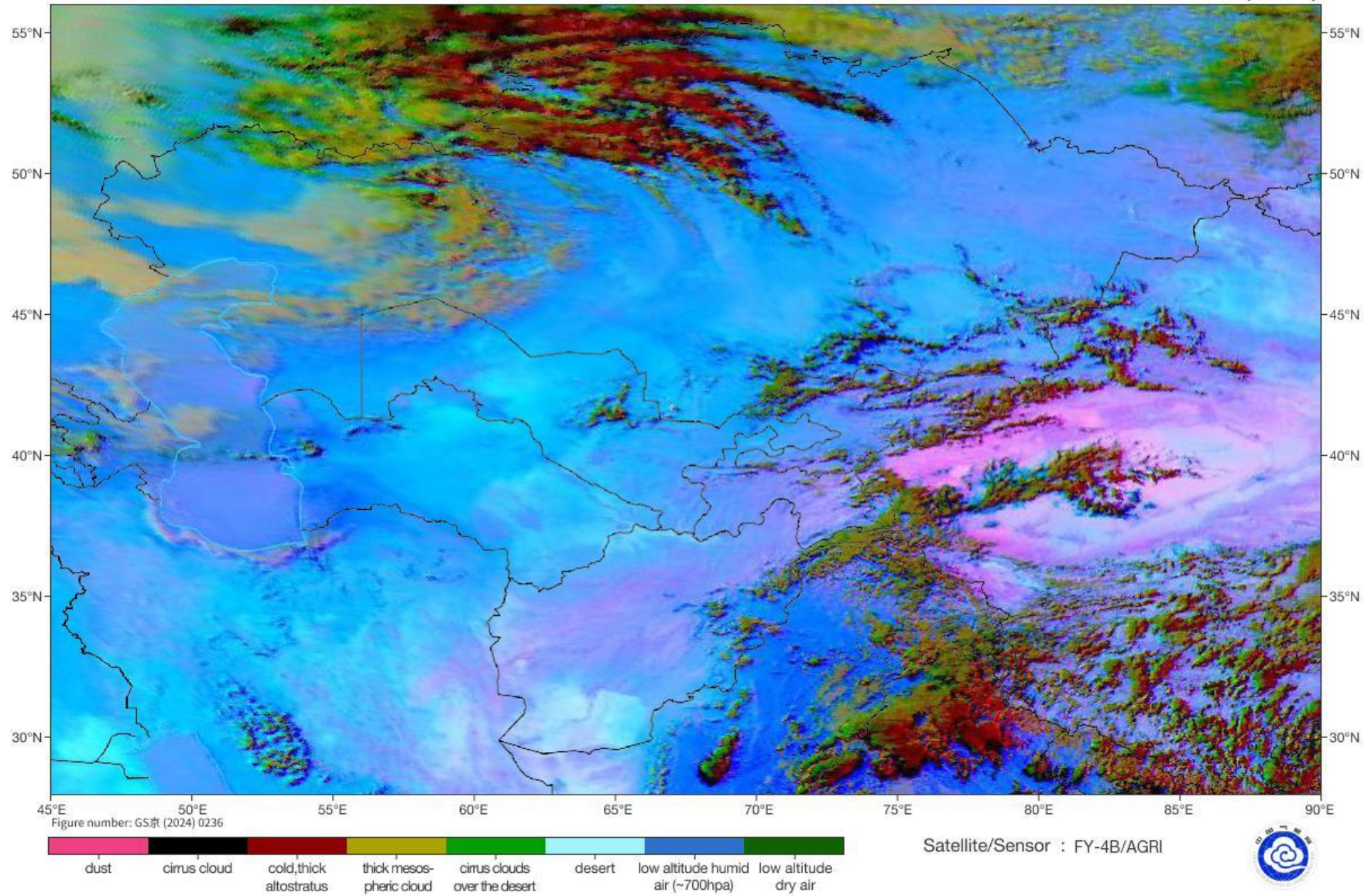
Afghanistan

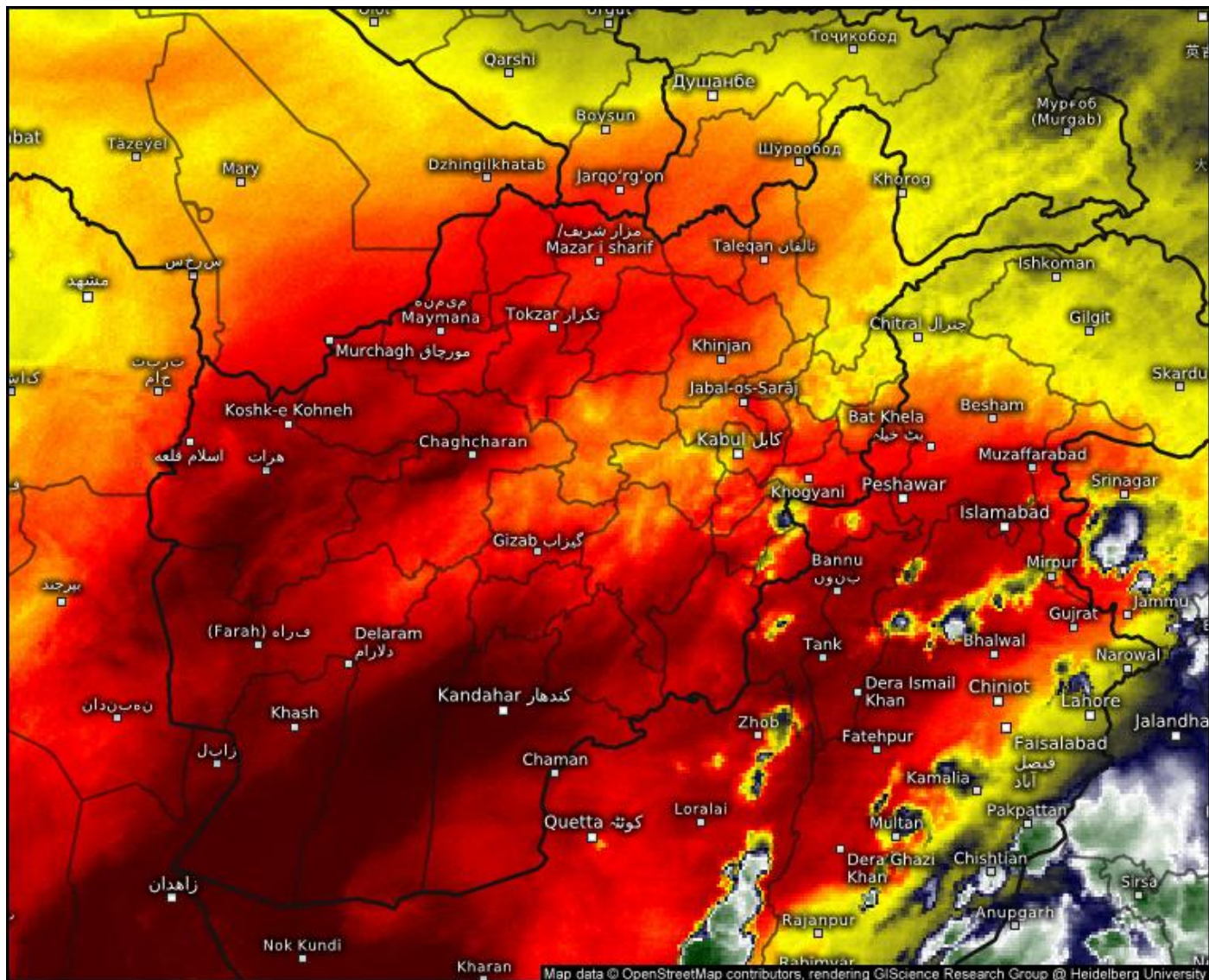
meteologix.com

Satellite data: EUMETSAT

Sand And Dust Identification

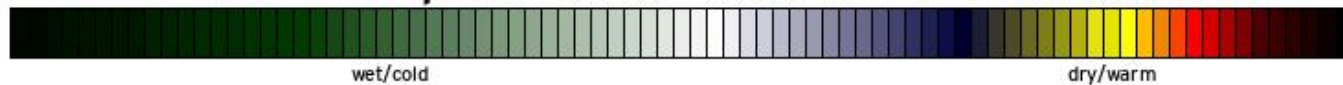
2025-09-06 09:00(UTC)





Satellite Water Vapor

Sat 09/06/2025, 01:30pm GMT+0430



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 Afghanistan

meteologix.com

Satellite data: EUMETSAT

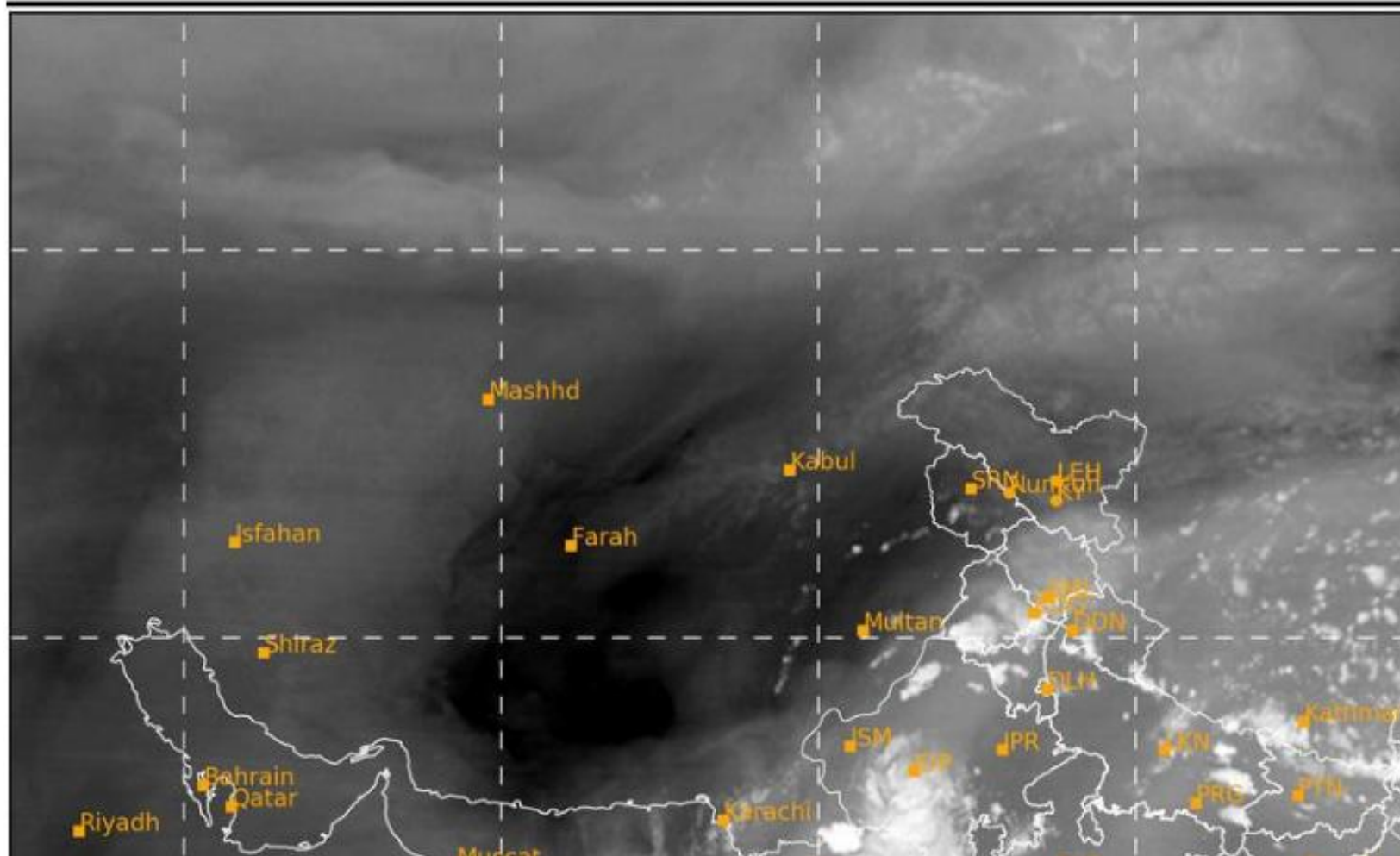
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

06-09-2025/(0715 to 0741) GMT

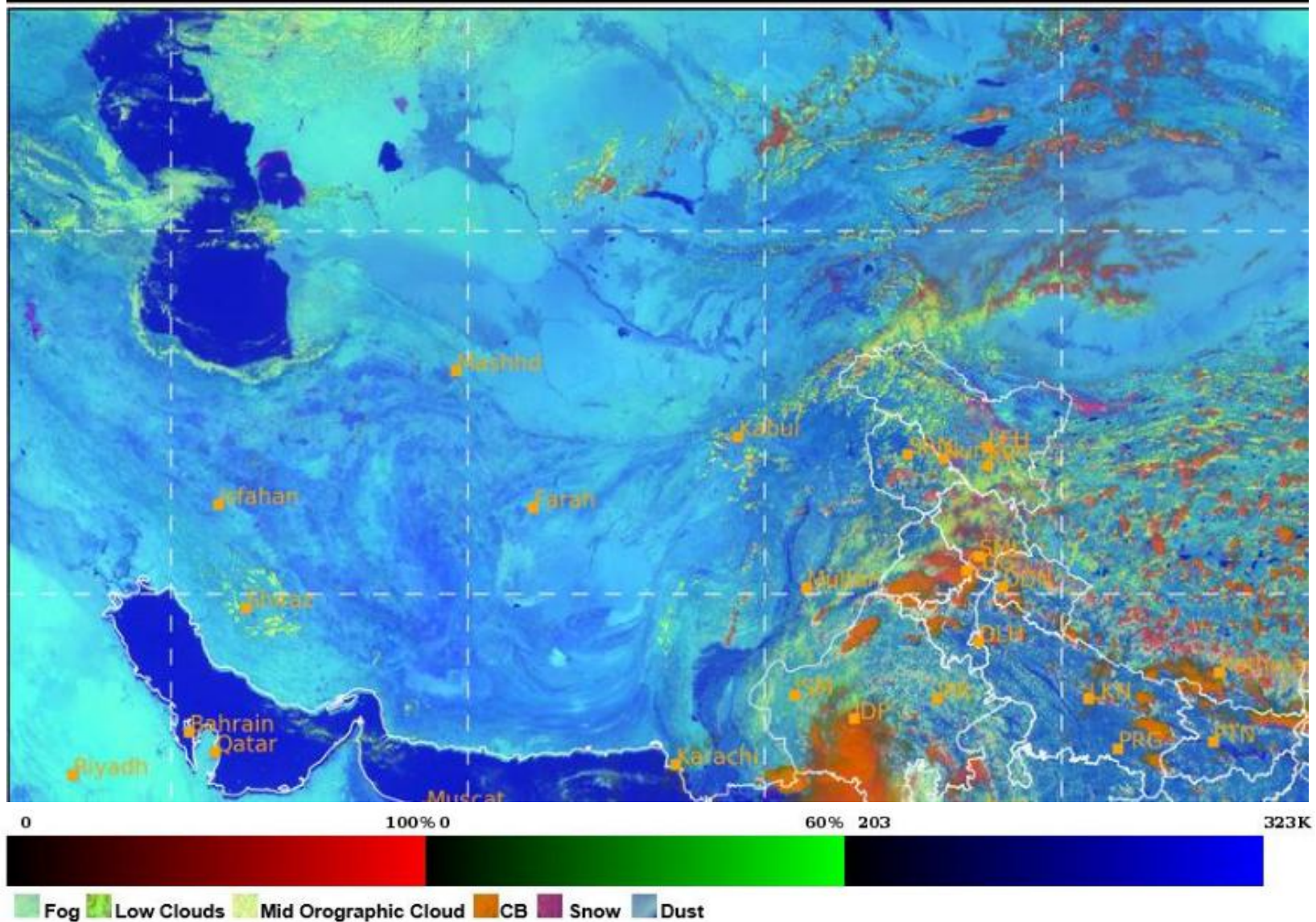
06-09-2025/(1245 to 1311) IST

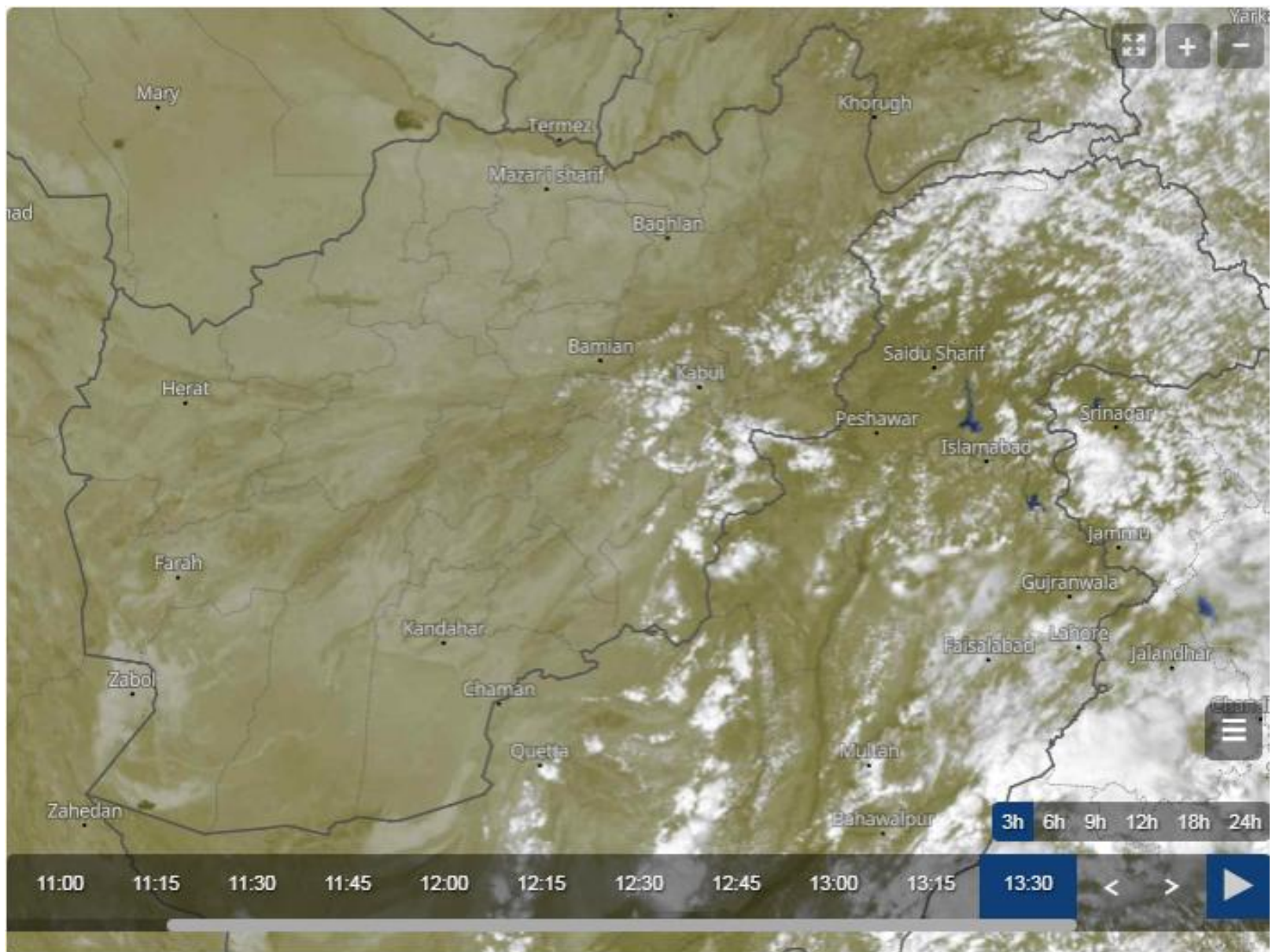


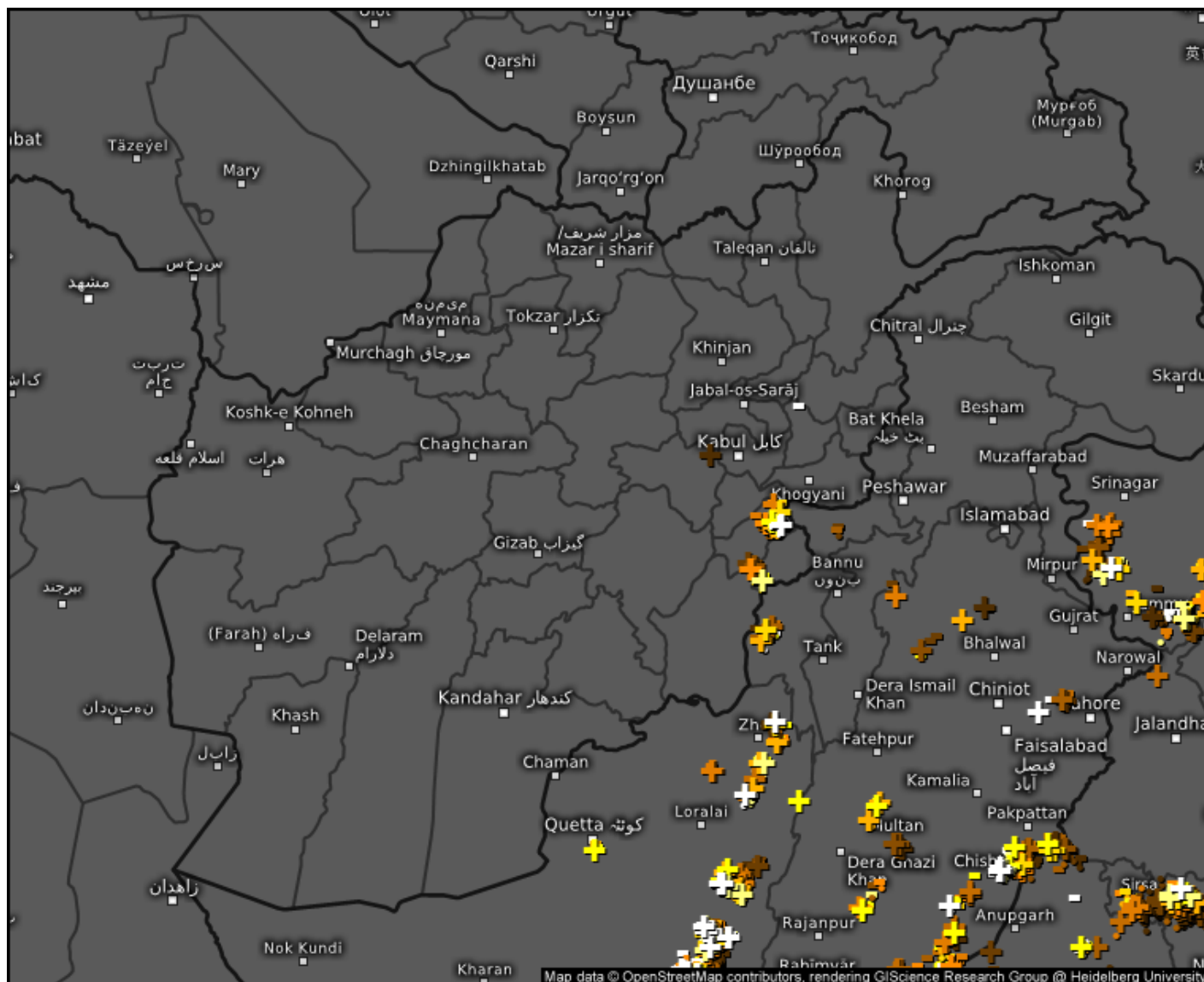
06-09-2025/(0715 to 0741) GMT

06-09-2025/(1245 to 1311) IST

06-09-2025/(1245 to 1311) IST

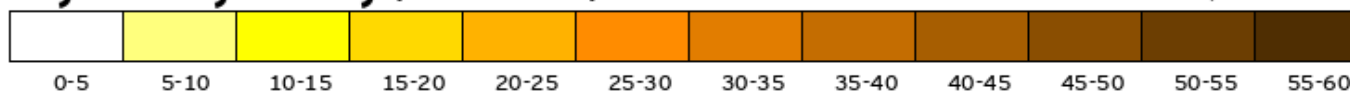






Age of lightning (minutes)

Sat 09/06/2025, 01:45pm GMT+0430



Afghanistan

Cloud Top Height

2025-09-06 09:00(UTC)

