



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



Daily reports of Satellite imagery analysis. Date & Time: 18/08/2025, 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	√ dry	X	X	
3	West	✓	X	X	X	X	√ dry	X	X	
4	East		X	✓	✓	X	√ dry	X	X	
5	central	✓	X	X	✓	X	√ dry	X	X	
6	Northeast	✓	X	X	✓	X	√ weak	X	X	
7	Southeast	✓	X	X	X	X	√ dry	X	X	
8	Northwest	✓	X	X	X	X	√ dry	X	X	
9	Southwest	X	✓	X	X	X	√ dry	X	X	

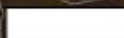
Details: according to satellite imagery analysis the northern, western, central, northeastern, southeastern and northwestern areas have weak worm air mass The southern and southwestern areas have dust storm. The eastern area has thunder storm. The eastern, central and northeastern areas have partly cloudy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

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

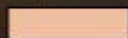
Reported by: Mohammad Jawed Moradi

UTC : 2025-08-18 08:45

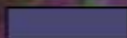
AirMass



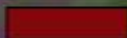
Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



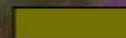
Jet



Cold Airmass



Warm Airmass
(high UTH)

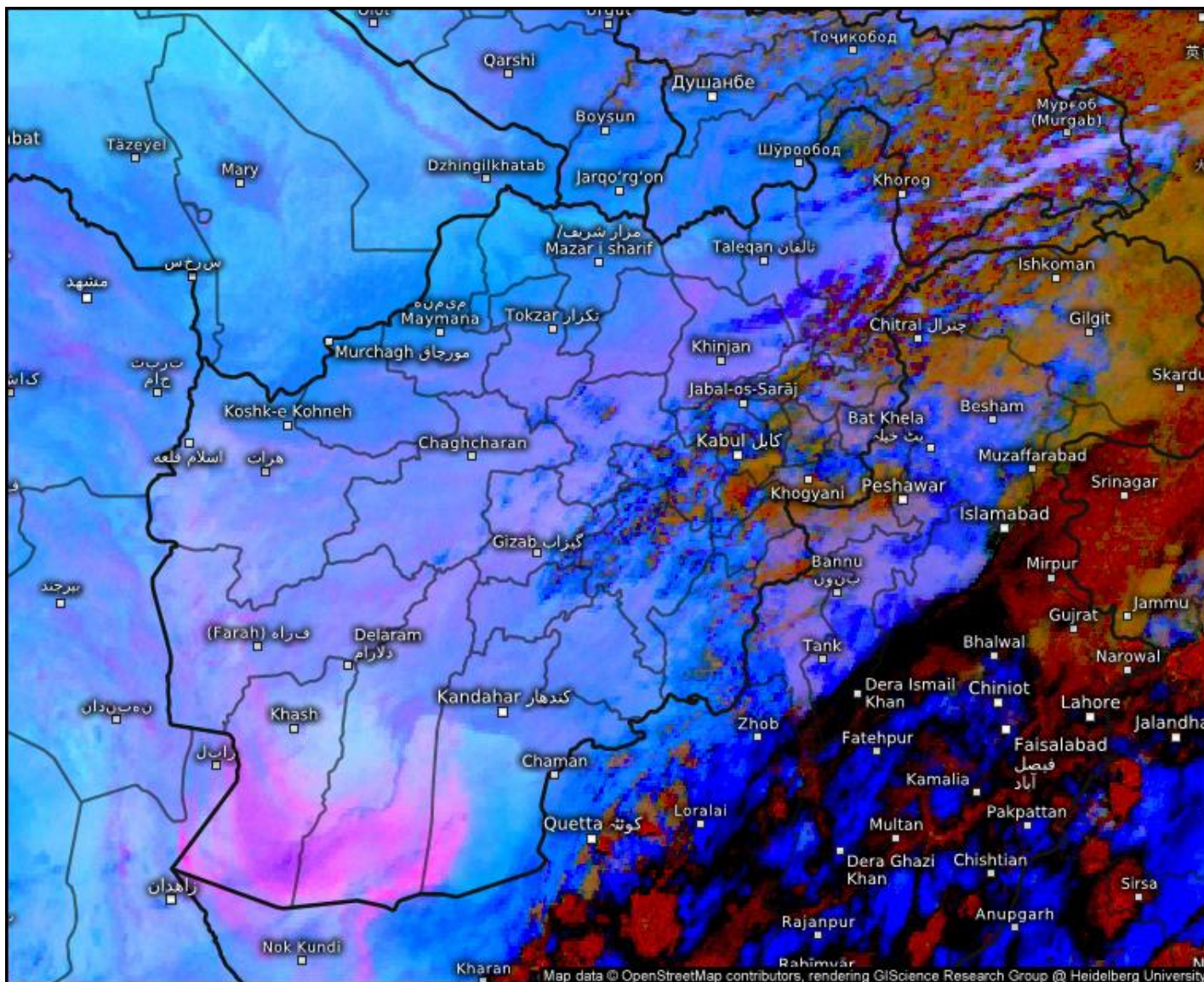


Warm Airmass
(low UTH)

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

Mon 08/18/2025, 01:30pm GMT+0430

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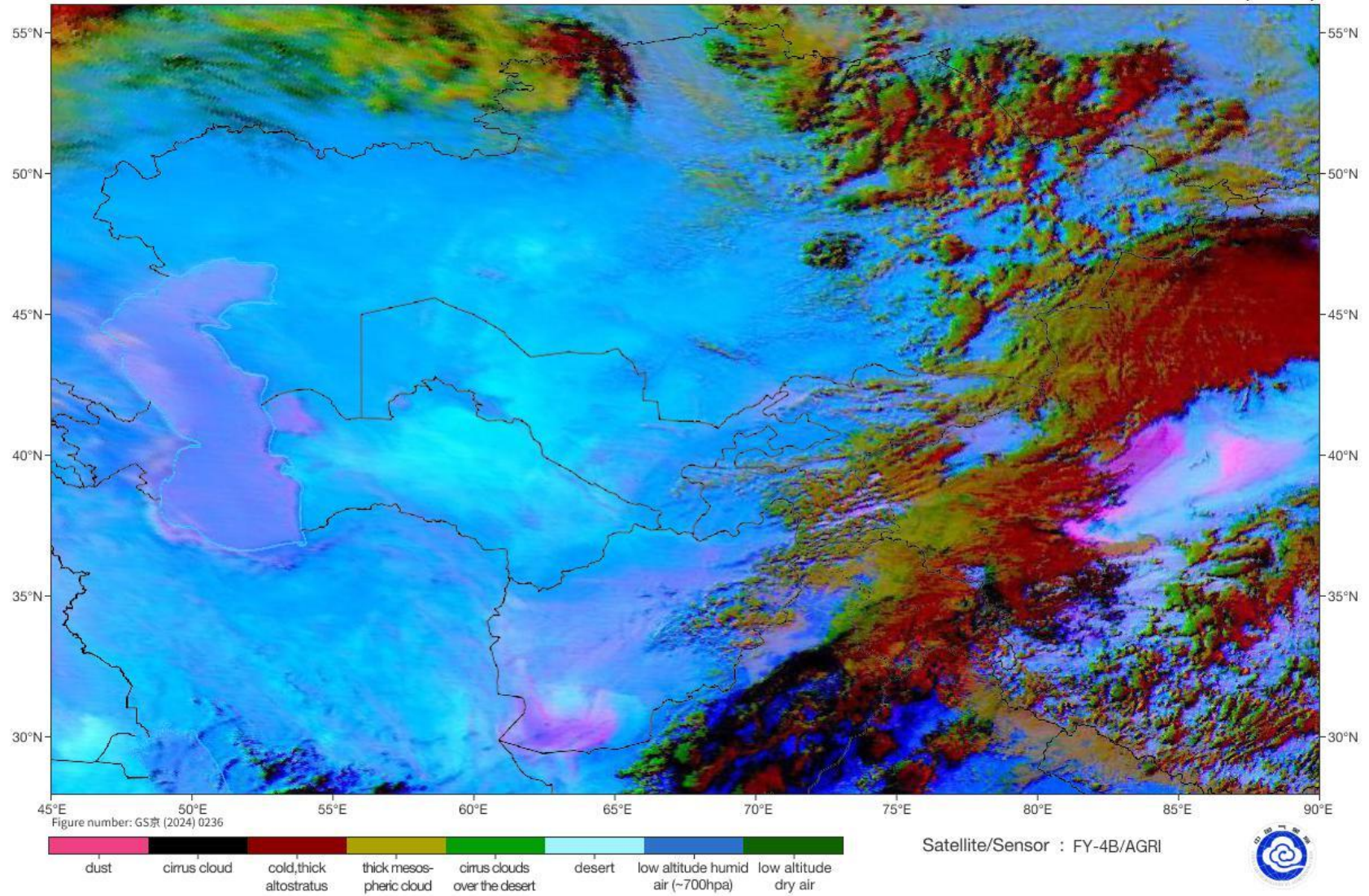
Afghanistan

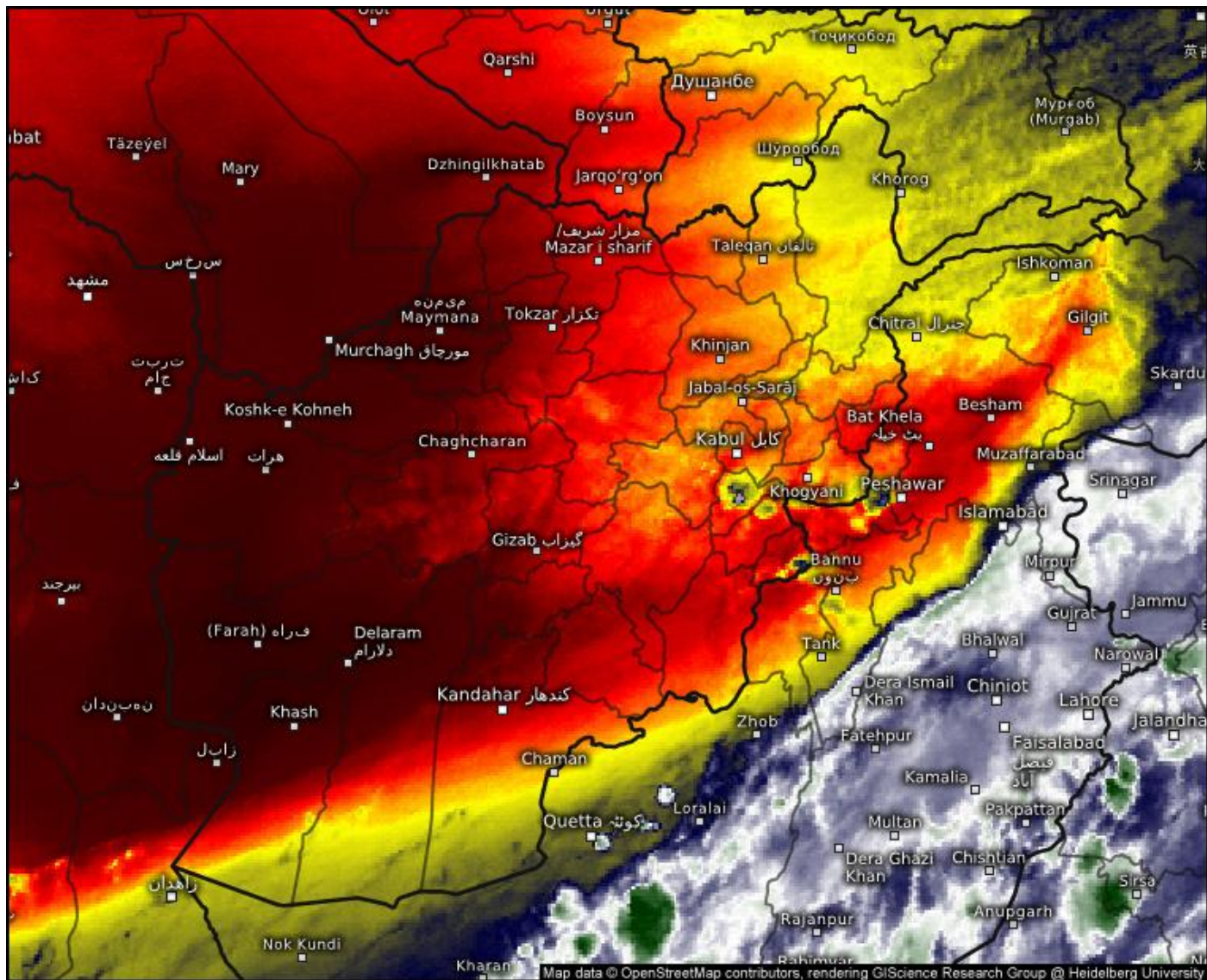
meteologix.com

Satellite data: EUMETSAT

Sand And Dust Identification

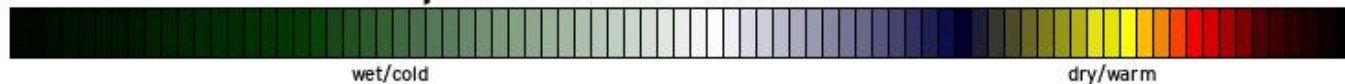
2025-08-18 09:00(UTC)





Satellite Water Vapor

Mon 08/18/2025, 01:30pm GMT+0430



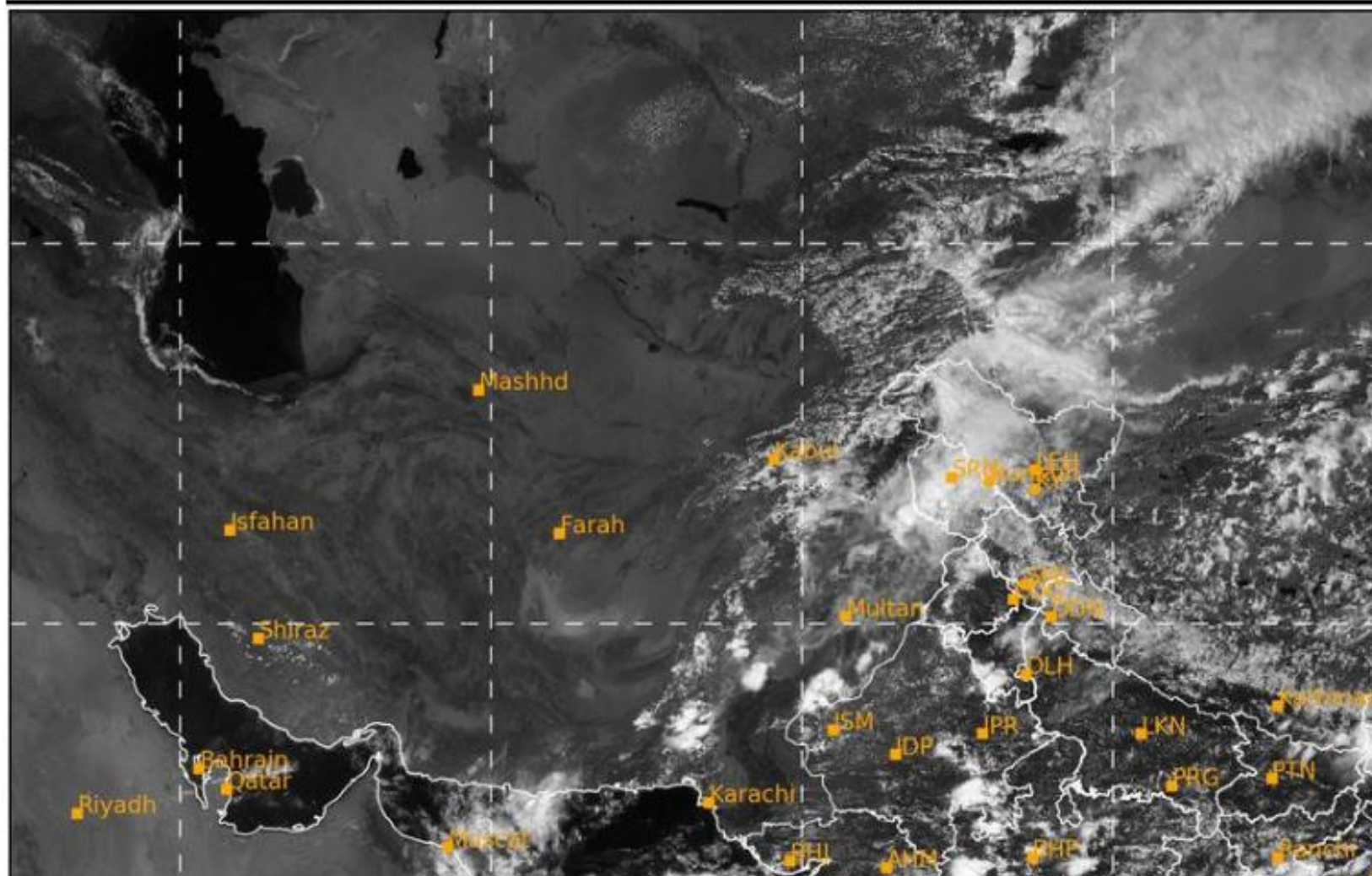
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 Afghanistan

meteologix.com

Satellite data: EUMETSAT

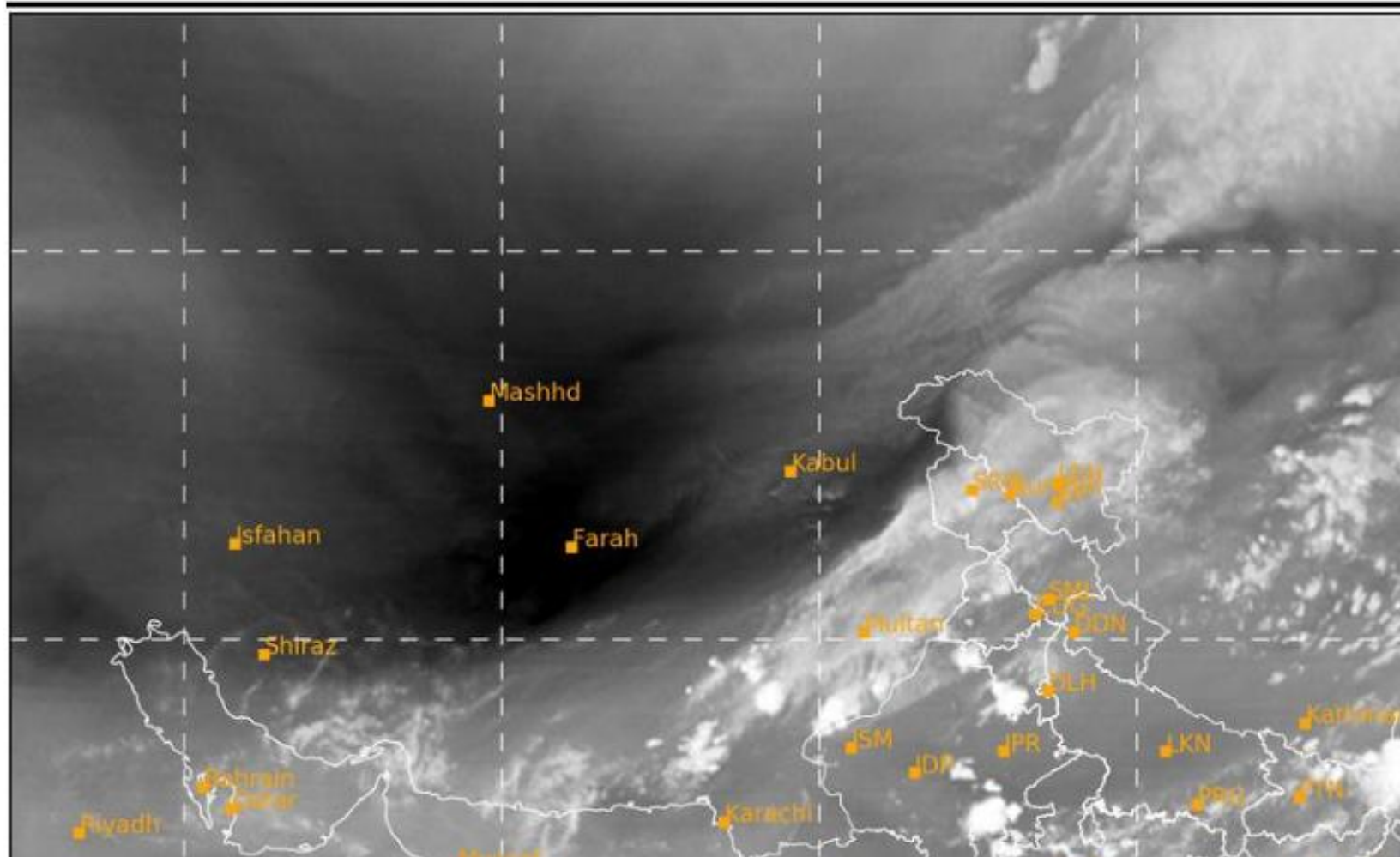
SAT : INSAT-3DR IMG
Visible Count 0.65 um
L1C Mercator

18-08-2025/(0745 to 0811) GMT
18-08-2025/(1315 to 1341) IST



SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

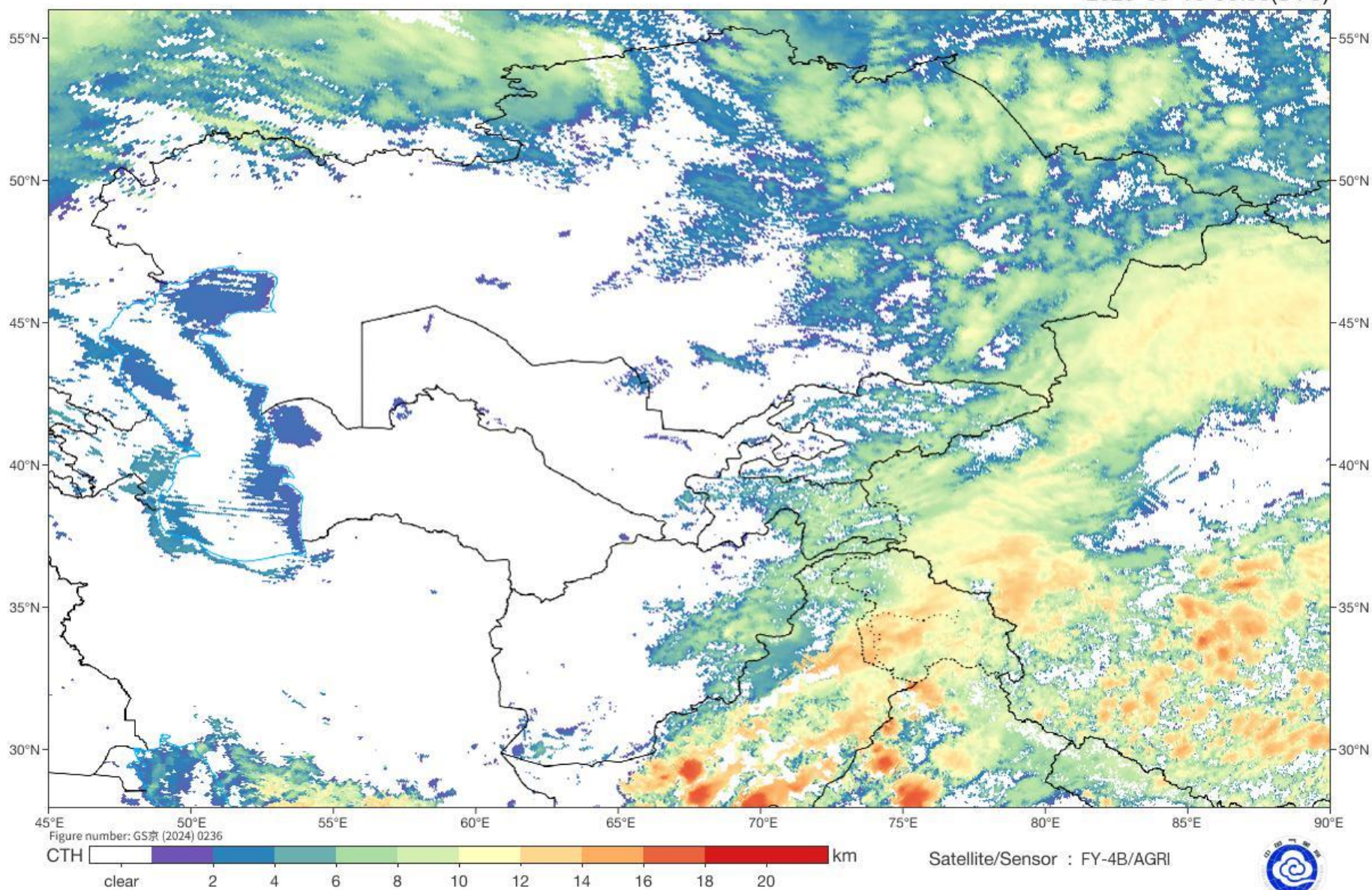
18-08-2025/(0745 to 0811) GMT
18-08-2025/(1315 to 1341) IST

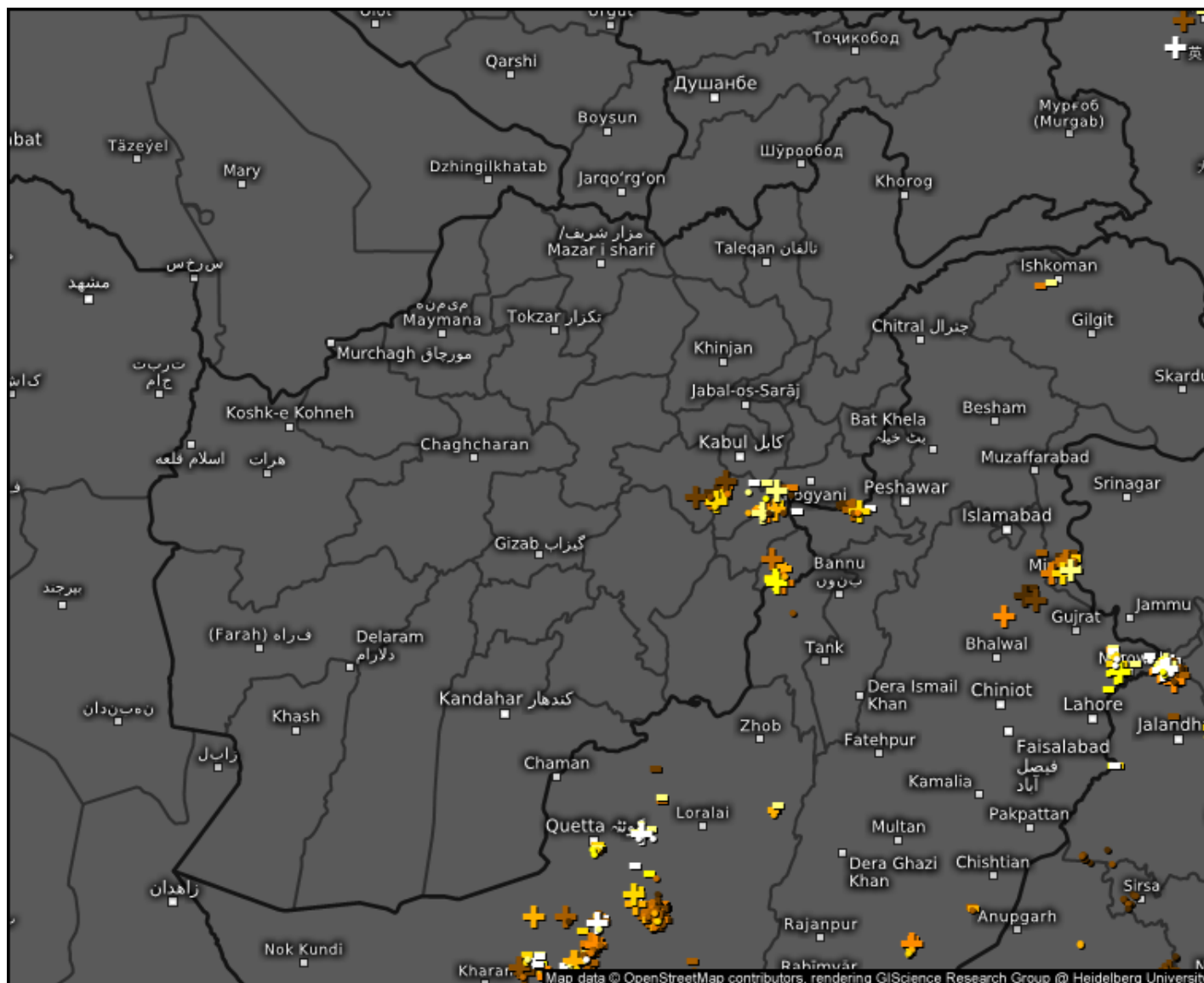




Cloud Top Height

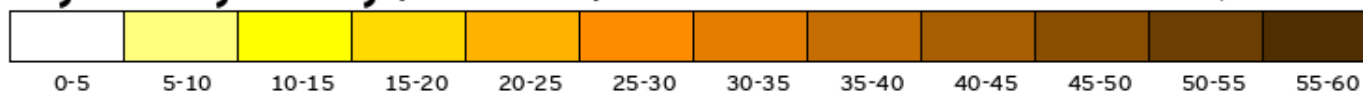
2025-08-18 09:00(UTC)





Age of lightning (minutes)

Mon 08/18/2025, 01:45pm GMT+0430



Afghanistan