



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



**Daily reports of Satellite imagery analysis. Date & Time: 18-06-2026, 07:30 UTC**

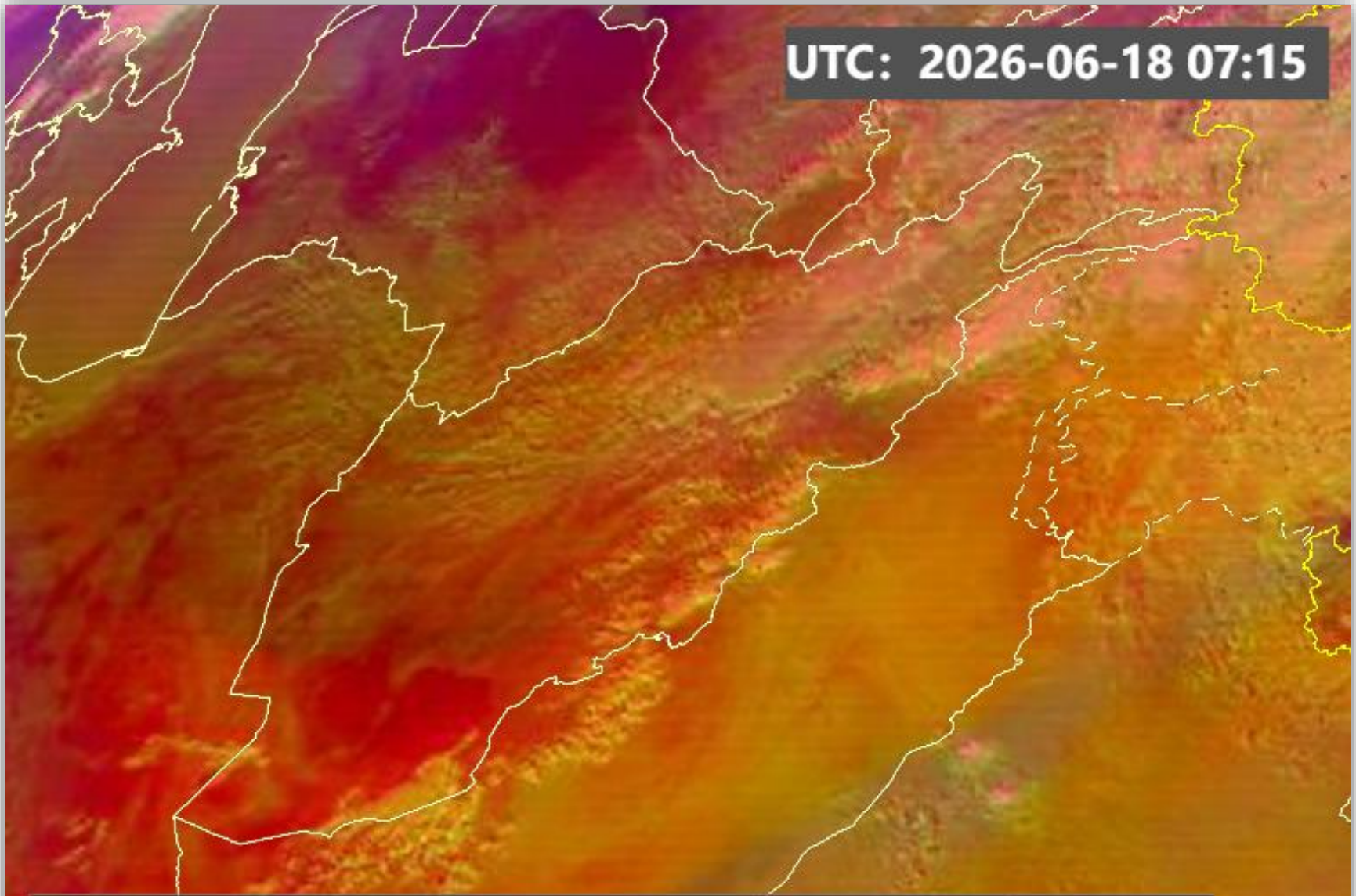
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	X	X	✓	X	✓ weak	X	X	
2	South	X	X	X	X	X	✓ dry	X	✓	
3	West	✓	X	X	X	X	✓ dry	X	X	
4	East	X	X	✓	✓	X	✓ weak	X	X	
5	central	X	X	✓	✓	X	✓ weak	X	X	
6	Northeast	X	X	✓	✓	X	✓ moderate	X	X	
7	Southeast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

**Details:** according to satellite imagery analysis, the western area is worm air mass. the southwestern area is dust storm. The eastern, central, northeastern and southeastern areas are thunder storm. The northern, eastern, central, northeastern, southeastern and northwestern areas are partly cloudy sky. The northeastern area is moderate water vapor, the northern, eastern, central and northwestern areas are weak water vapor but the southern, western, southeastern and southwestern areas are dry. The southern and southwestern areas are Jetstream.

Reported by: Mohammad Jawed Moradi.

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

UTC: 2026-06-18 07:15



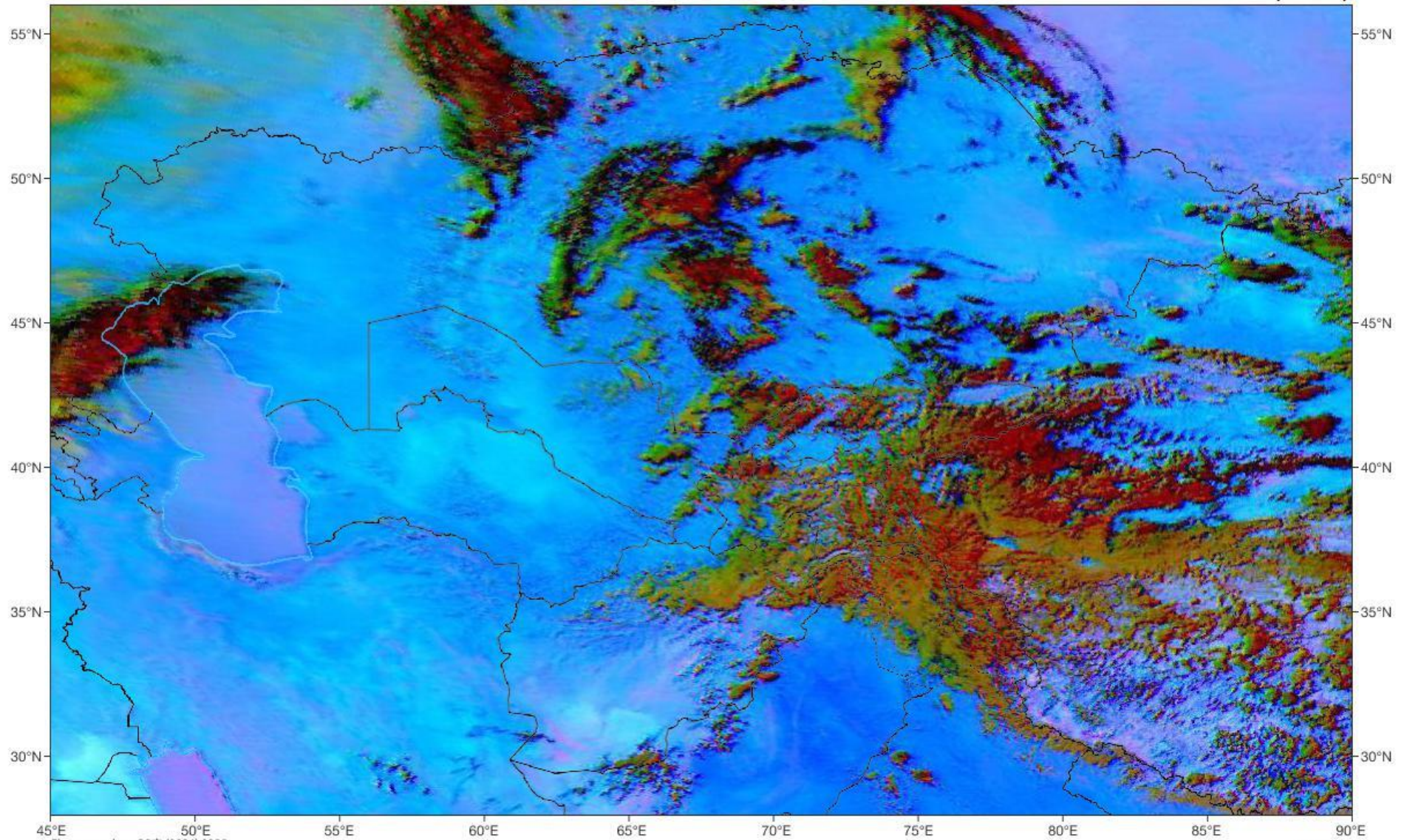
<b>AirMass</b>								R = WV (6.25) - WV (7.1)
	Thick, high-level cloud	Thick, mid-level cloud	Thick, low-level cloud	Jet	Cold Airmass	Warm Airmass (high UTH)	Warm Airmass (low UTH)	G = IR (8.5) - IR (10.8)
								B = WV (6.25)

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



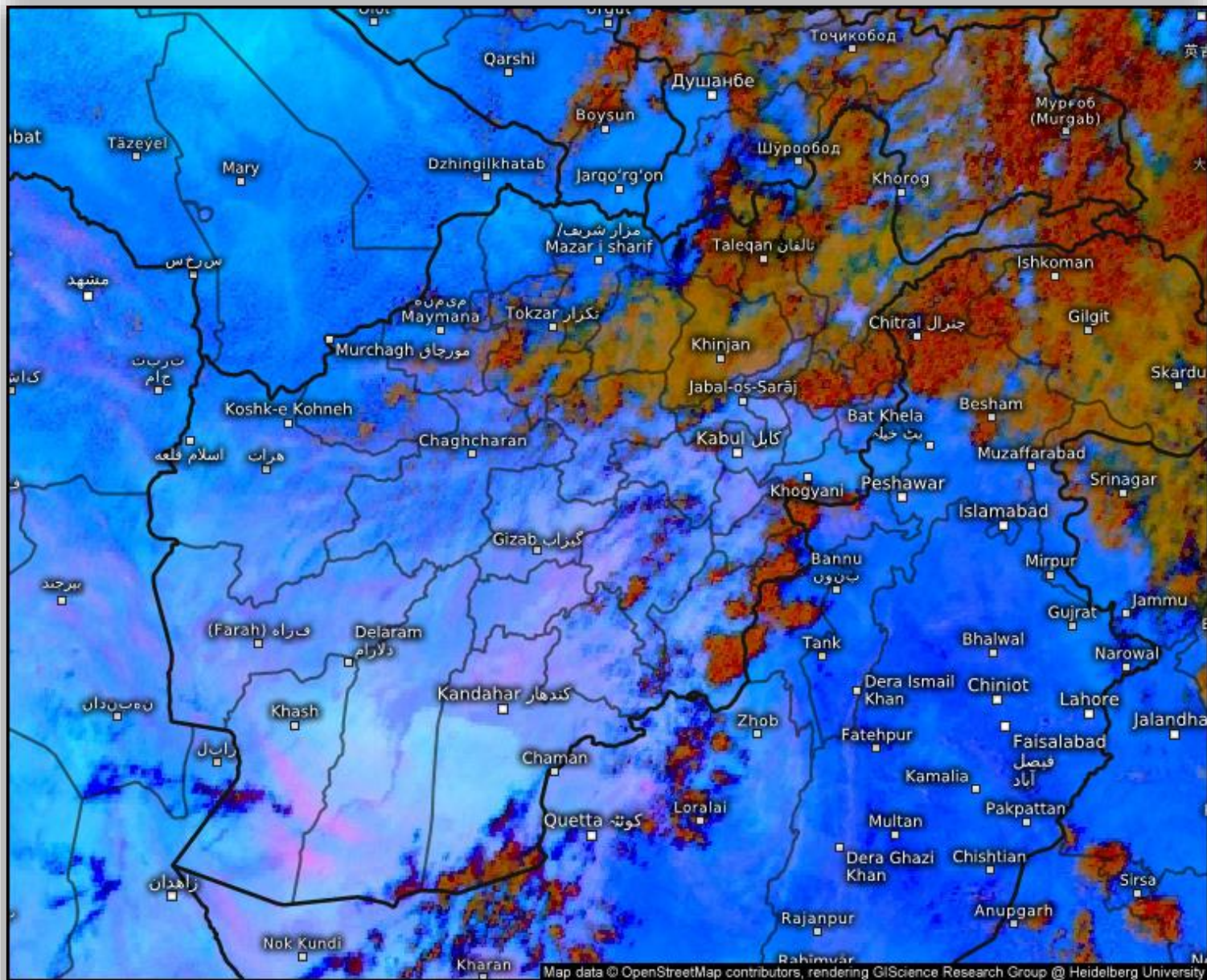
# Sand And Dust Identification

2026-06-18 07:30(UTC)



Satellite/Sensor : FY-4B/AGRI





## Satellite Dust

Thu 06/18/2026, 12:00pm GMT+0430

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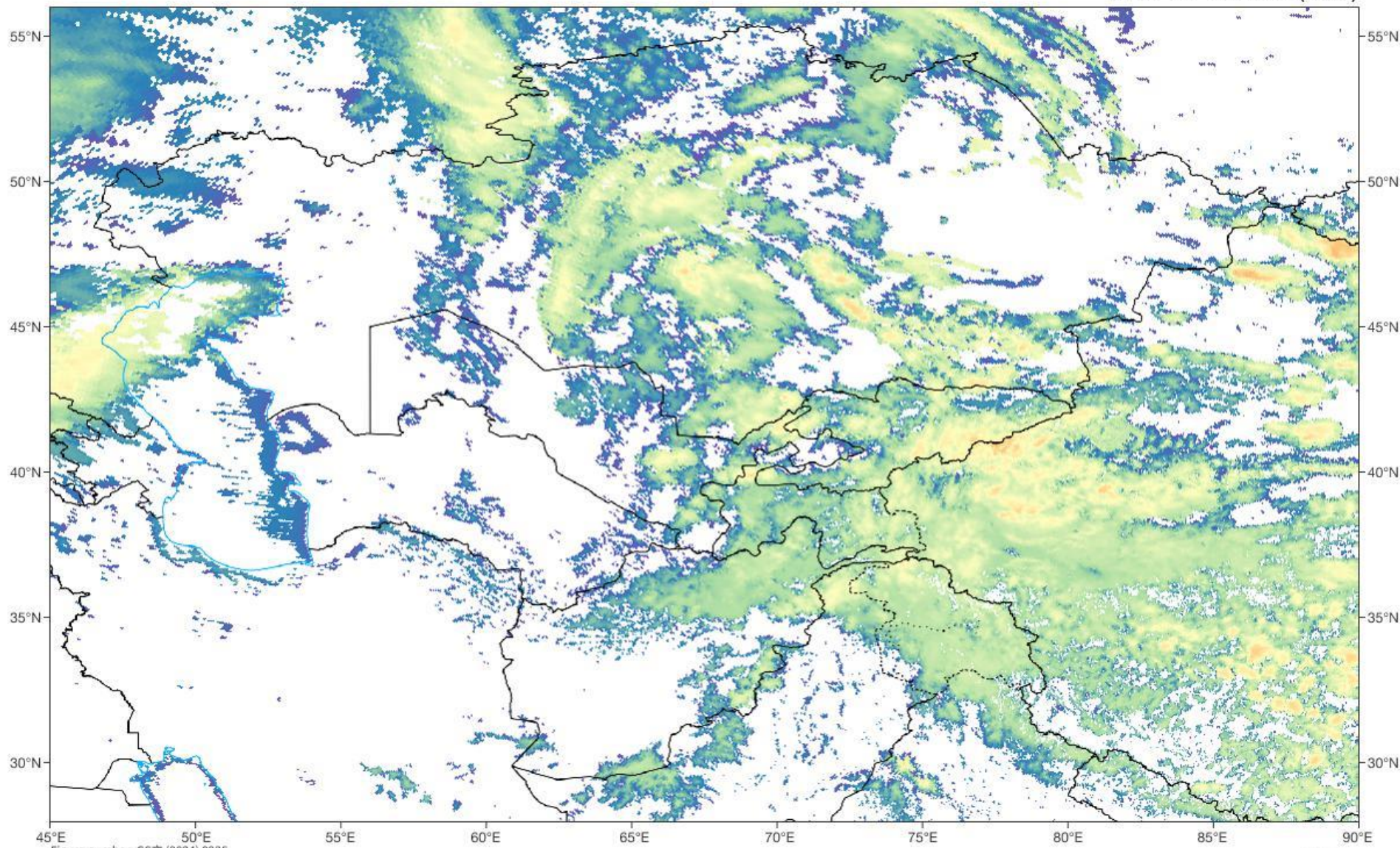
Afghanistan



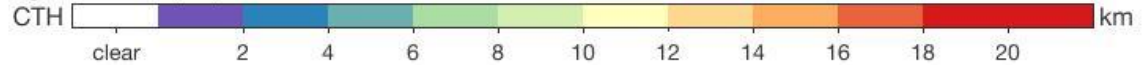
Satellite data: EUMETSAT

# Cloud Top Height

2026-06-18 07:15(UTC)



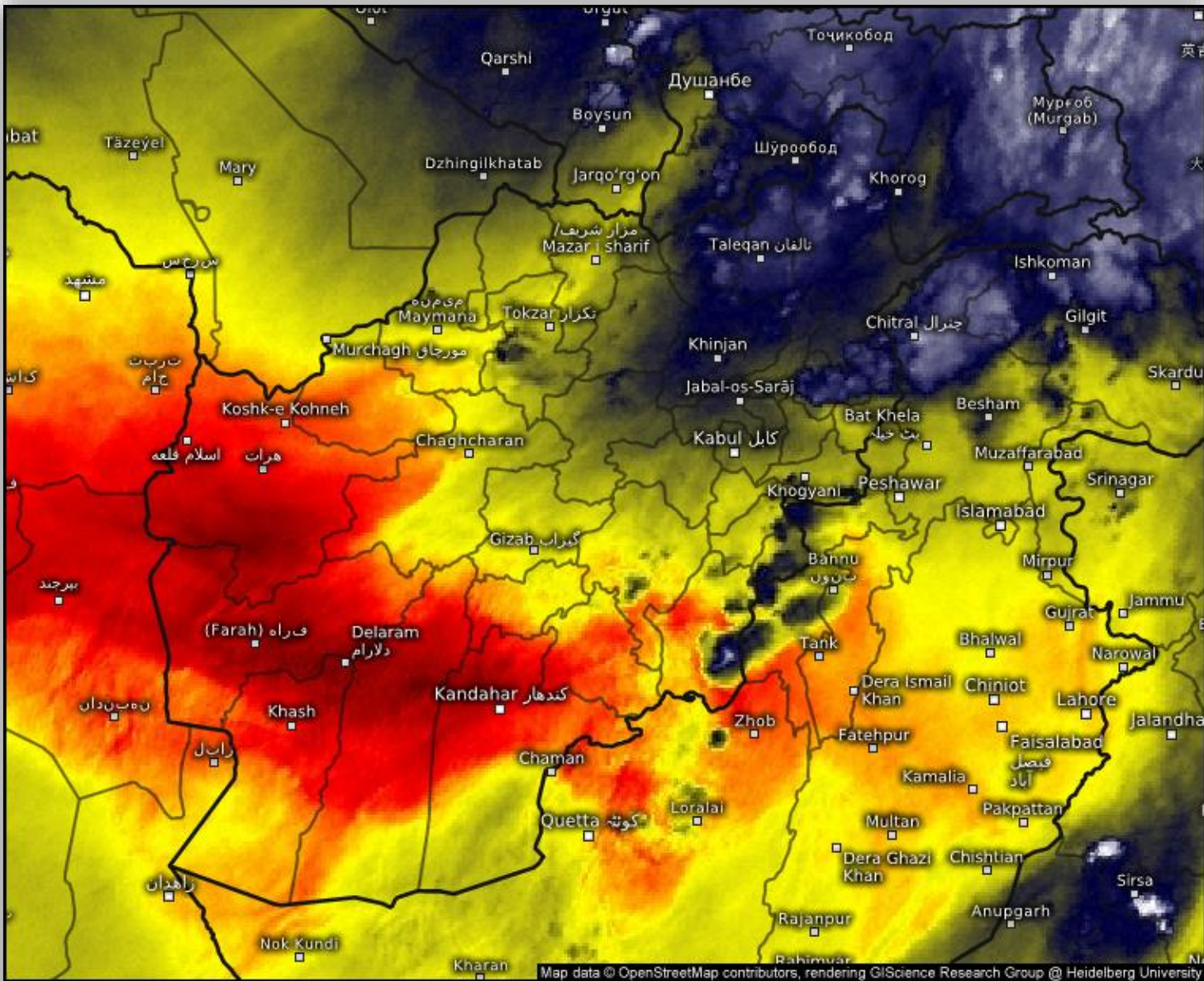
45°E 50°E 55°E 60°E 65°E 70°E 75°E 80°E 85°E 90°E  
Figure number: GS京 (2024) 0236



Satellite/Sensor : FY-4B/AGRI







## Satellite Water Vapor

Thu 06/18/2026, 12:00pm GMT+0430



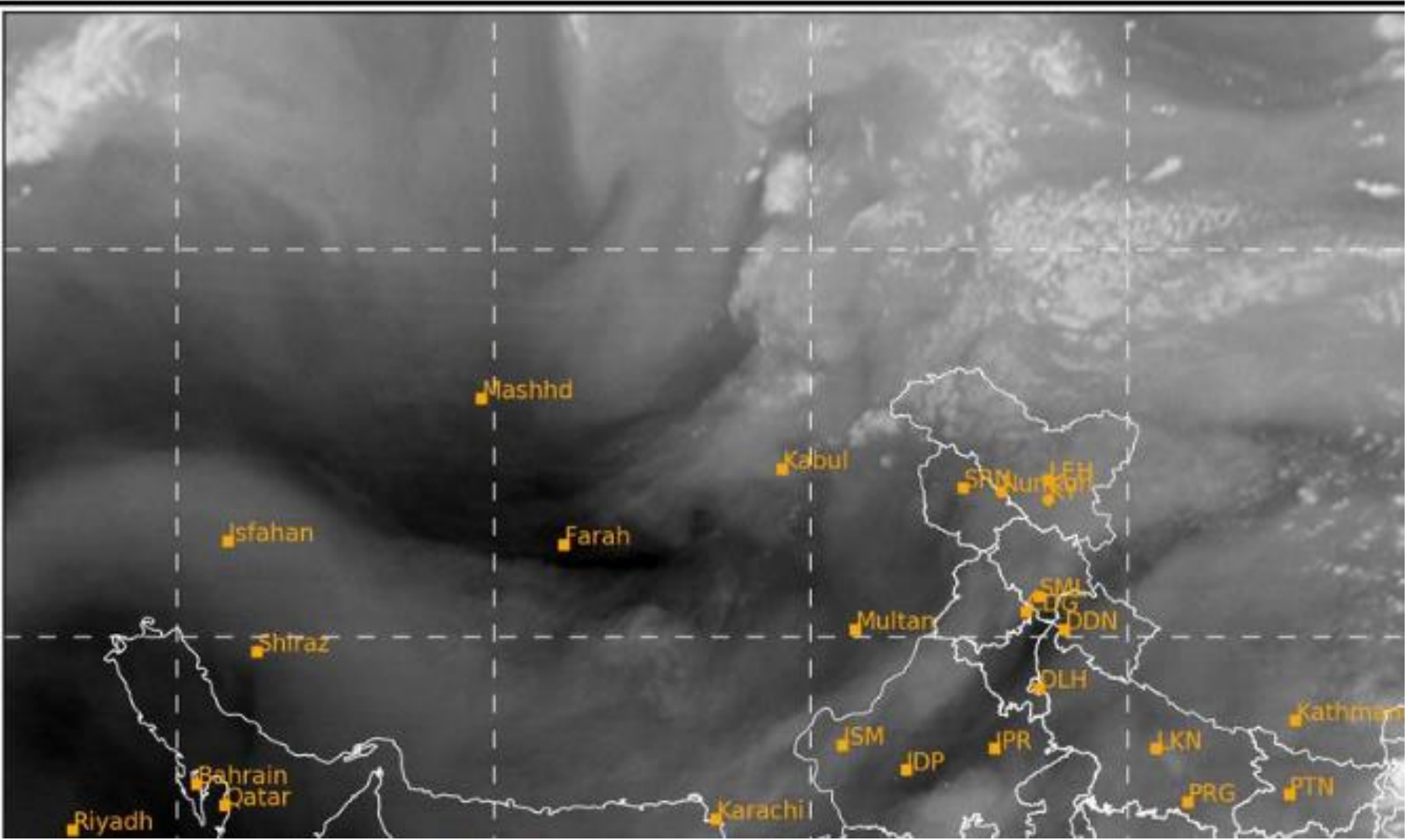
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 Afghanistan



Satellite data: EUMETSAT

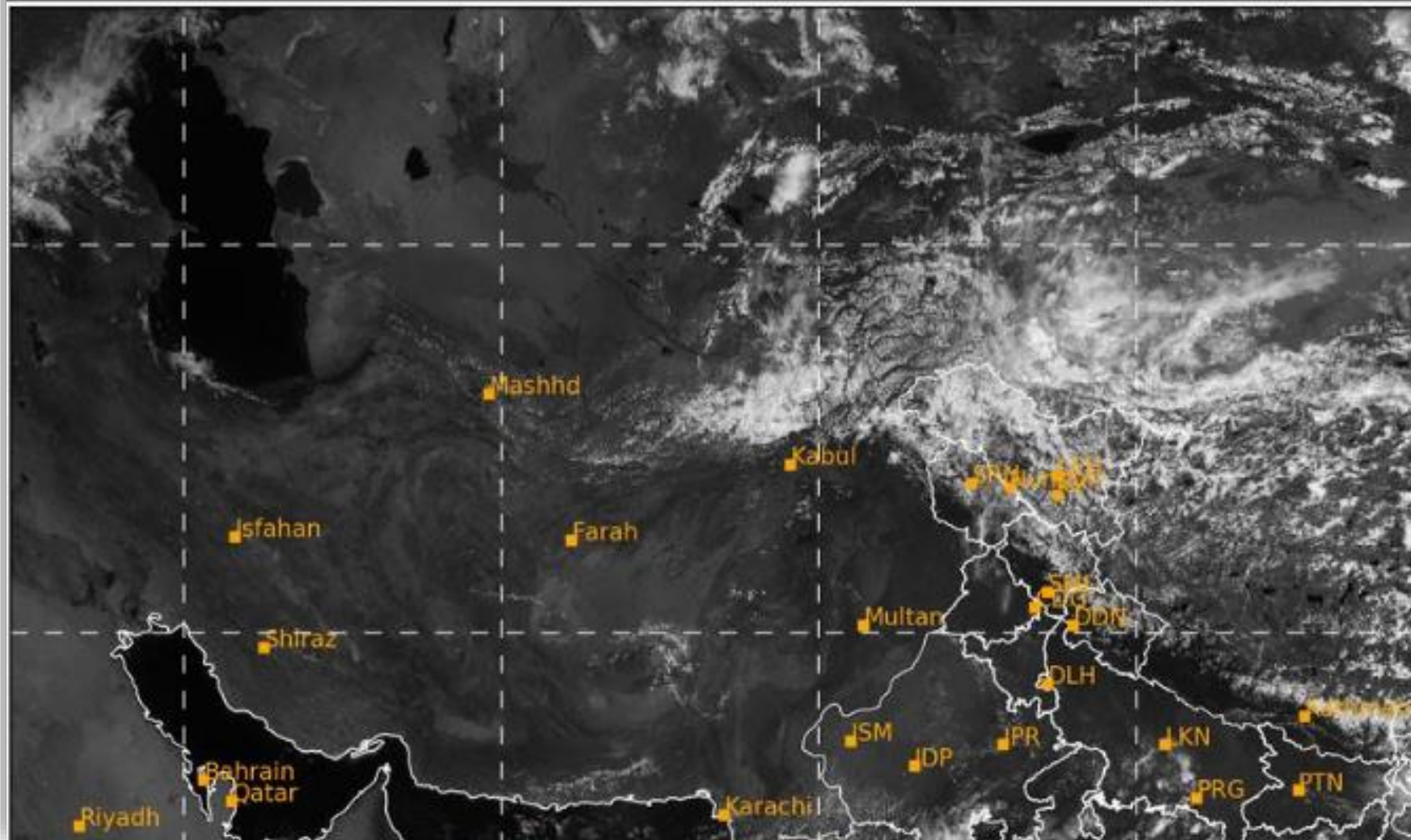
SAT : INSAT-3DR IMG  
IMG\_WV 6.8 um  
L1C Mercator

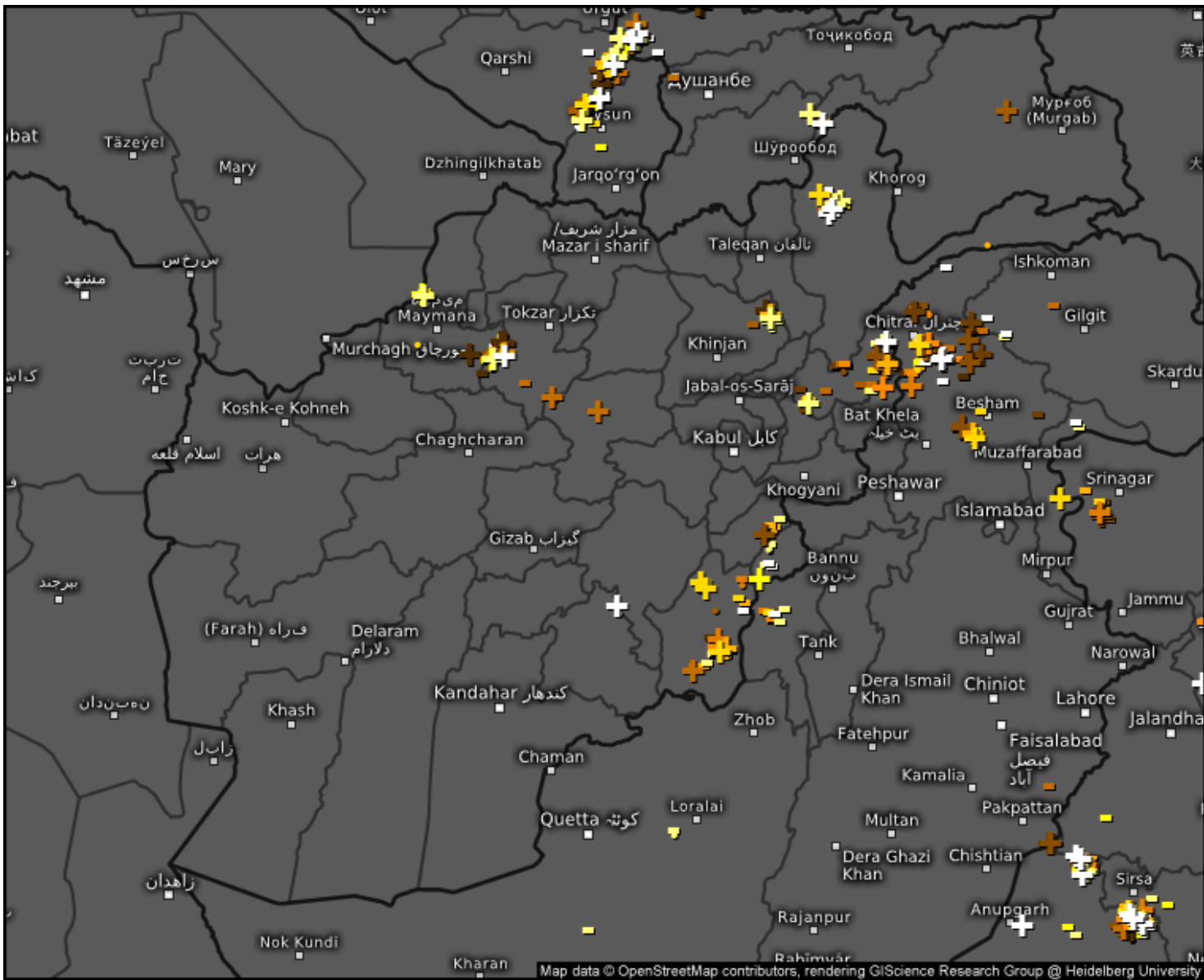
18-06-2026/(0515 to 0541) GMT  
18-06-2026/(1045 to 1111) IST



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

18-06-2026/(0515 to 0541) GMT  
18-06-2026/(1045 to 1111) IST





### Age of lightning (minutes)

Thu 06/18/2026, 12:00pm GMT+0430



Afghanistan

