



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



Daily reports of Satellite imagery analysis. Date & Time: 18-05-2026, 09:00 UTC

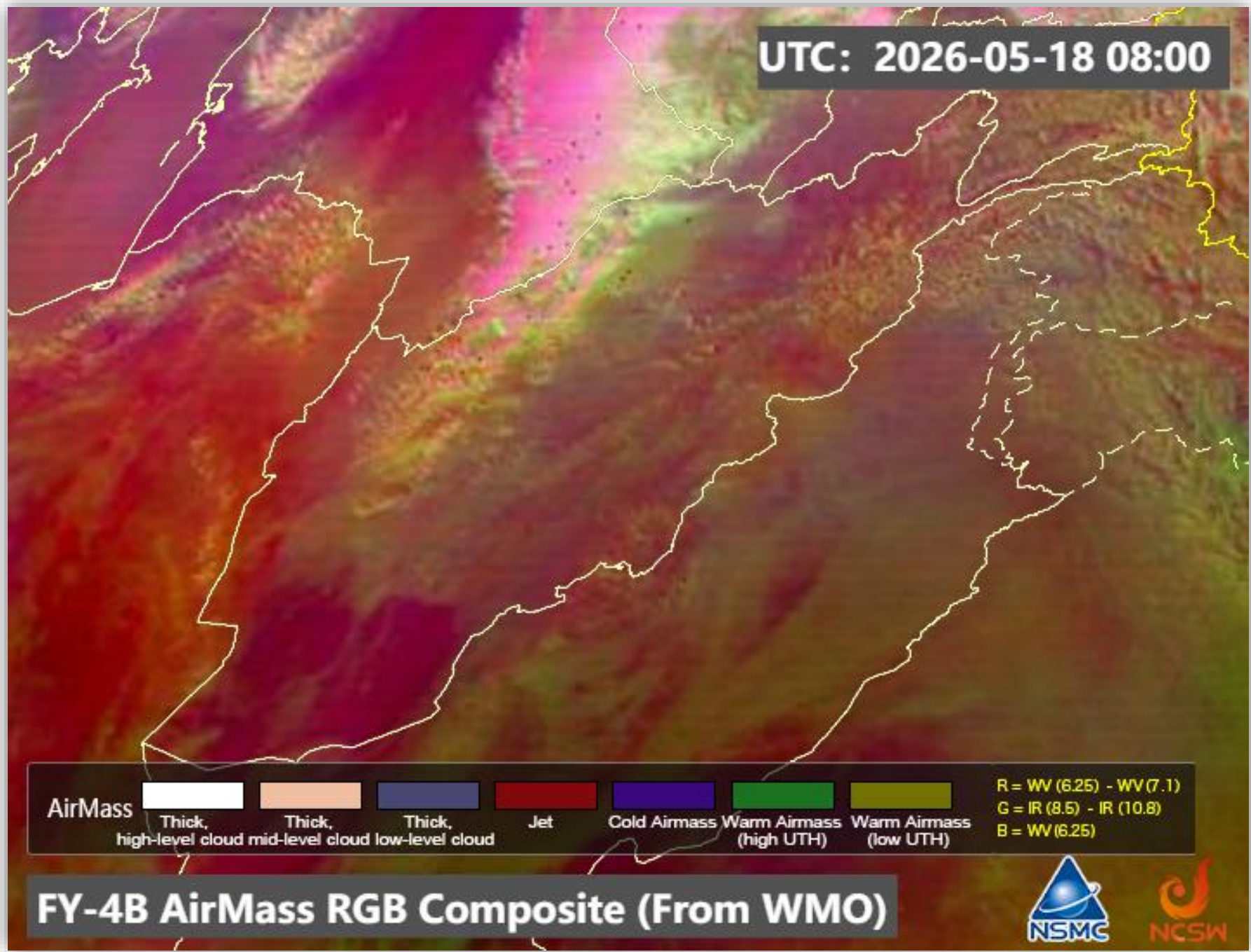
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	✓	X	X	X	✓ moderate	X	X	
2	South	X	✓	X	X	X	✓ weak	X	X	
3	West	✓	✓	X	X	X	✓ weak	X	X	
4	East	X	X	X	X	X	✓ moderate	X	X	
5	central	✓	✓	X	X	X	✓ moderate	X	X	
6	Northeast	X	X	X	X	X	✓ moderate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

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

Reported by: Mohammad Jawed Moradi

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

UTC: 2026-05-18 08:00



AirMass

						
Thick, high-level cloud	Thick, mid-level cloud	Thick, low-level cloud	Jet	Cold Airmass	Warm Airmass (high UTH)	Warm Airmass (low UTH)

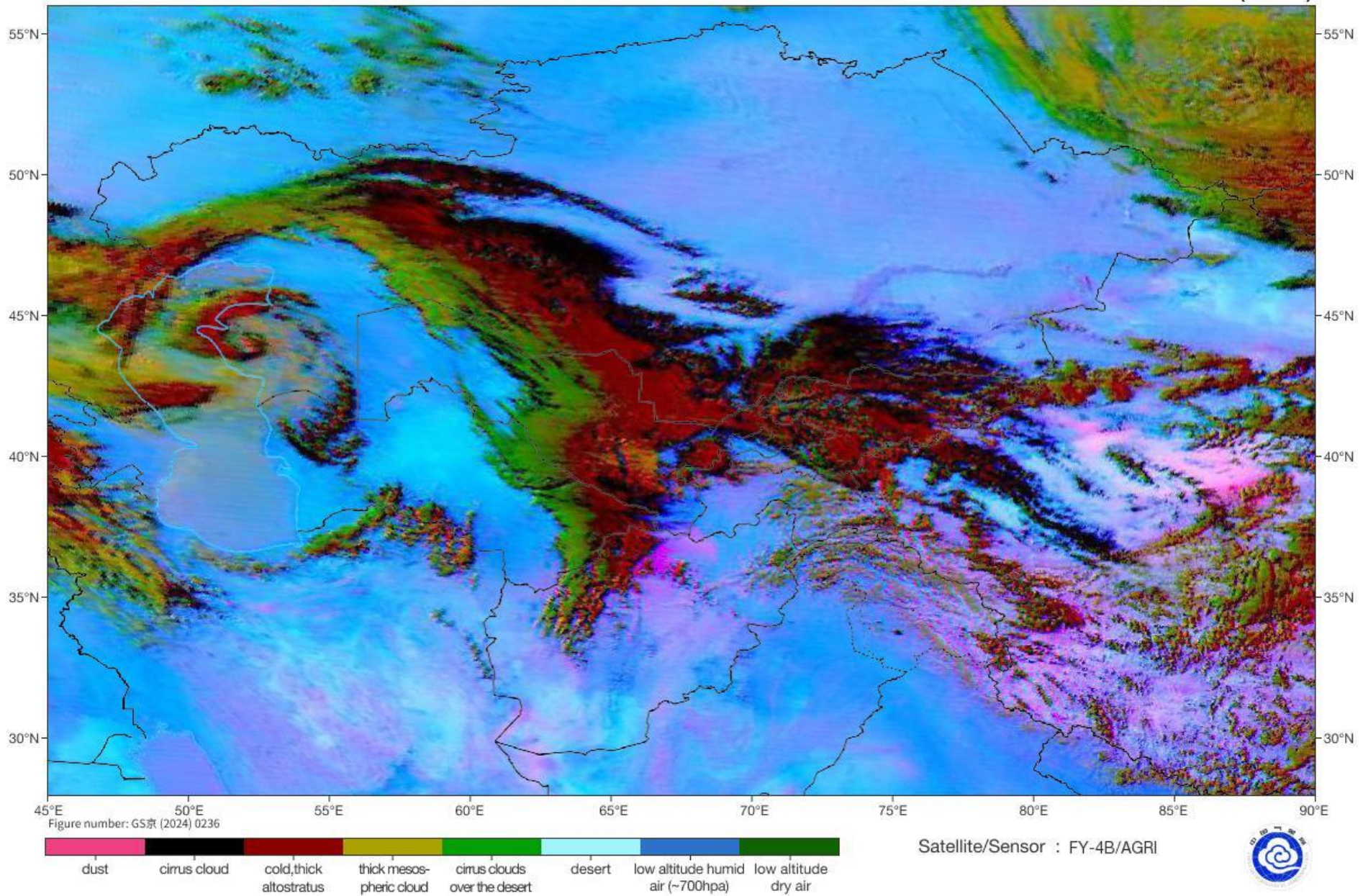
R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)

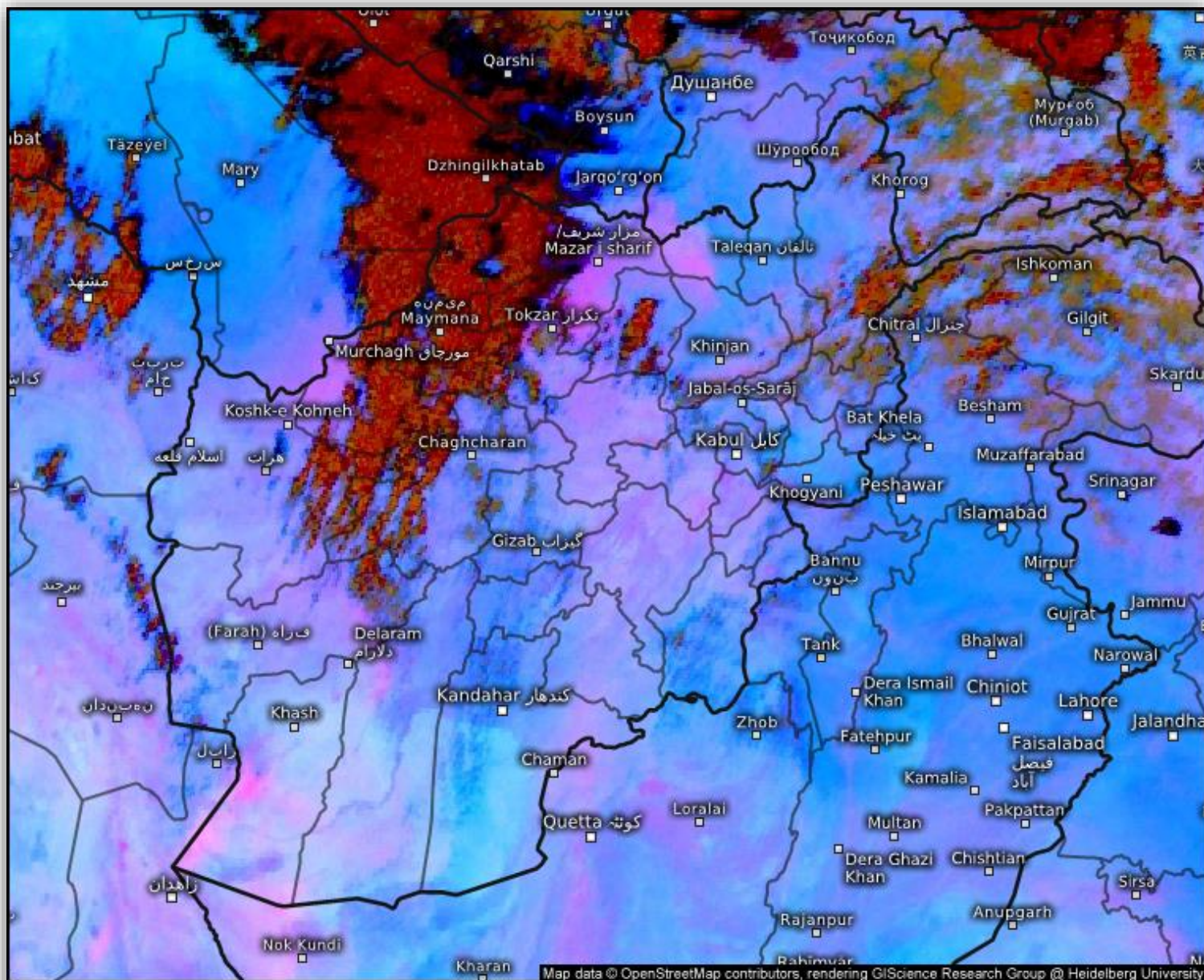
FY-4B AirMass RGB Composite (From WMO)



Sand And Dust Identification

2026-05-18 09:00(UTC)





Satellite Dust

Mon 05/18/2026, 01:30pm GMT+0430

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Afghanistan



Satellite data: EUMETSAT

Cloud Top Height

2026-05-18 09:00(UTC)

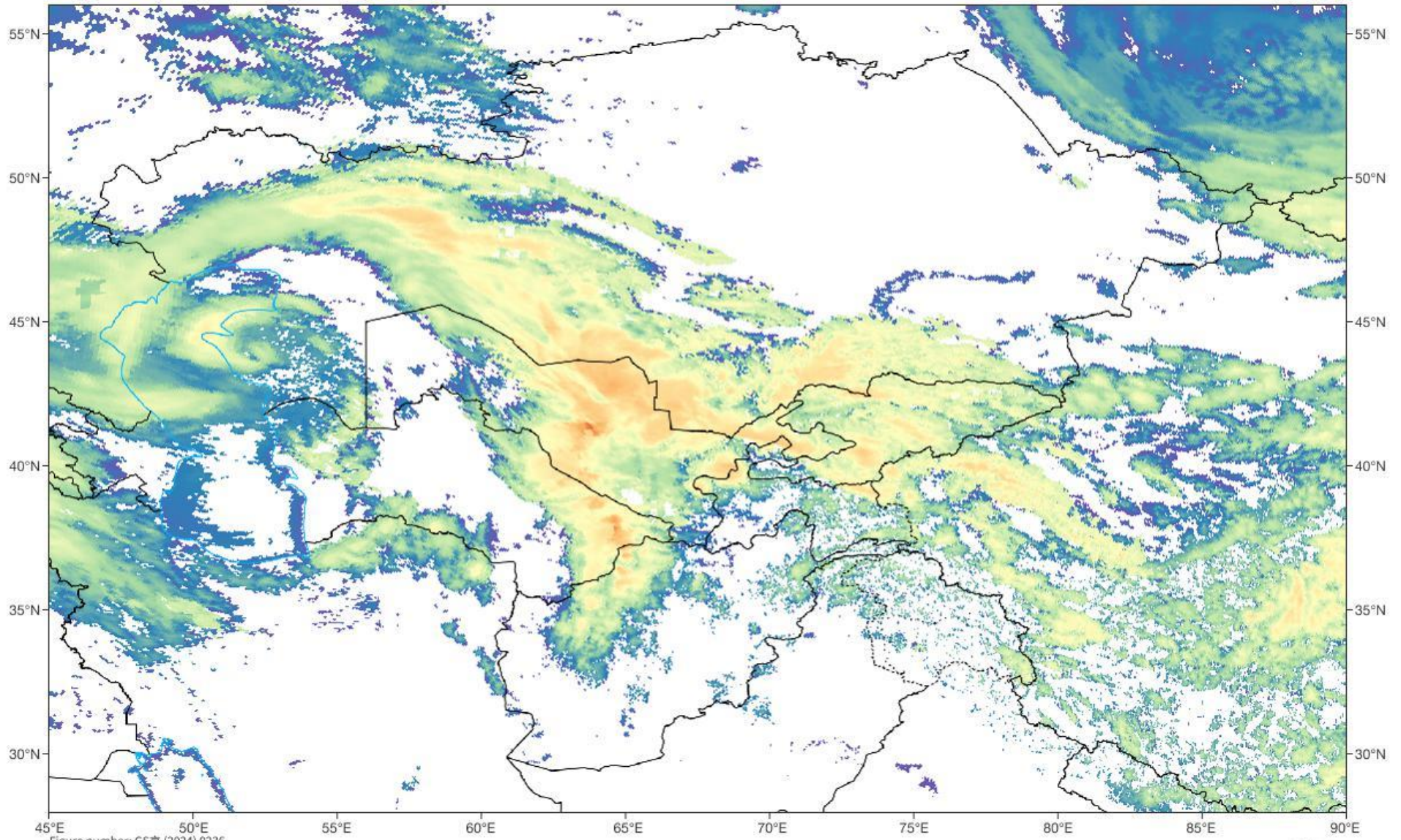
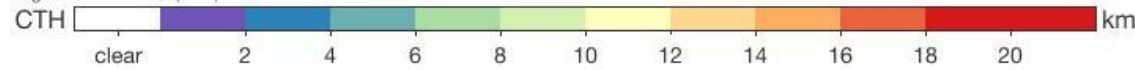


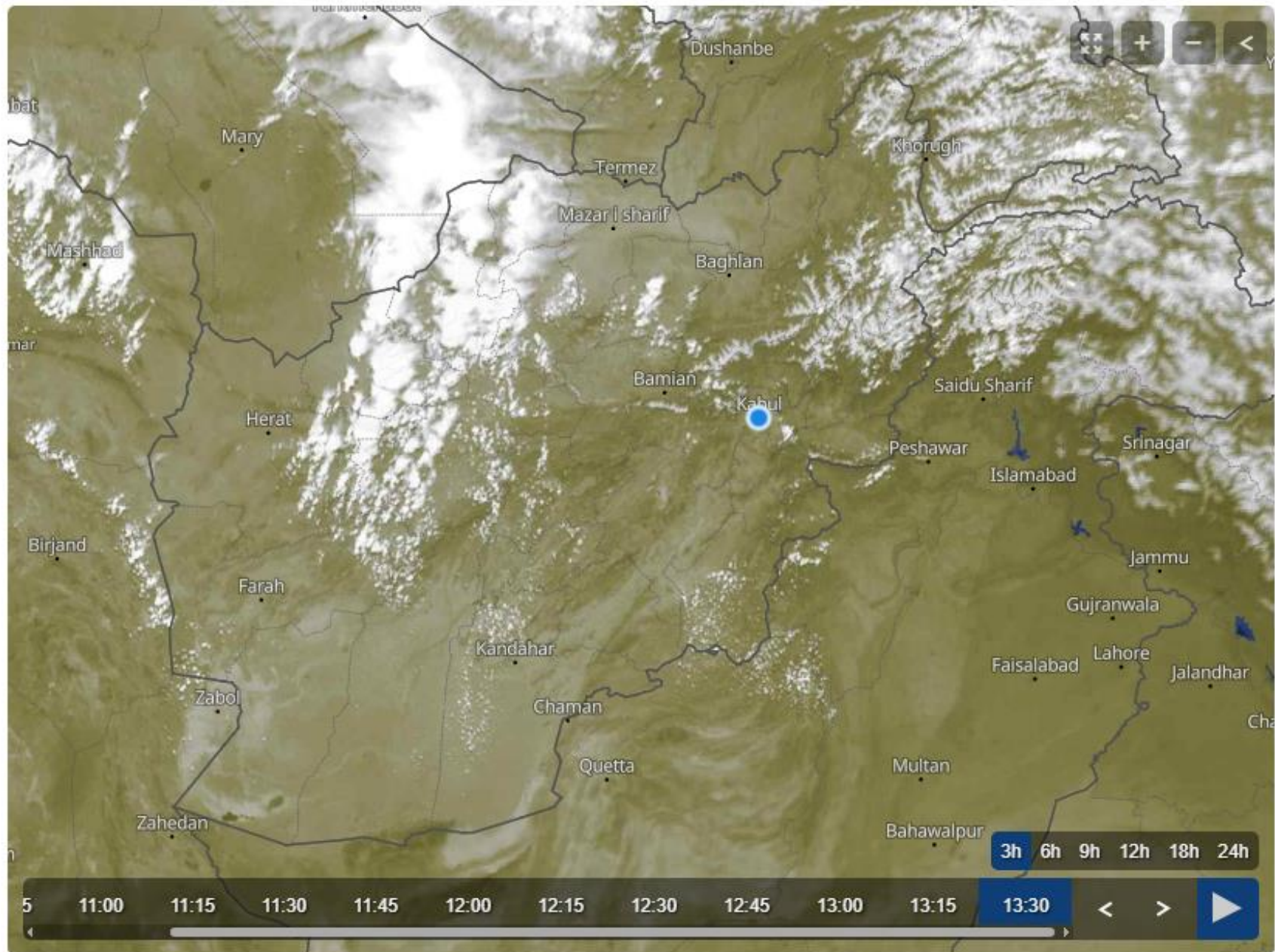
Figure number: GS京 (2024) 0236

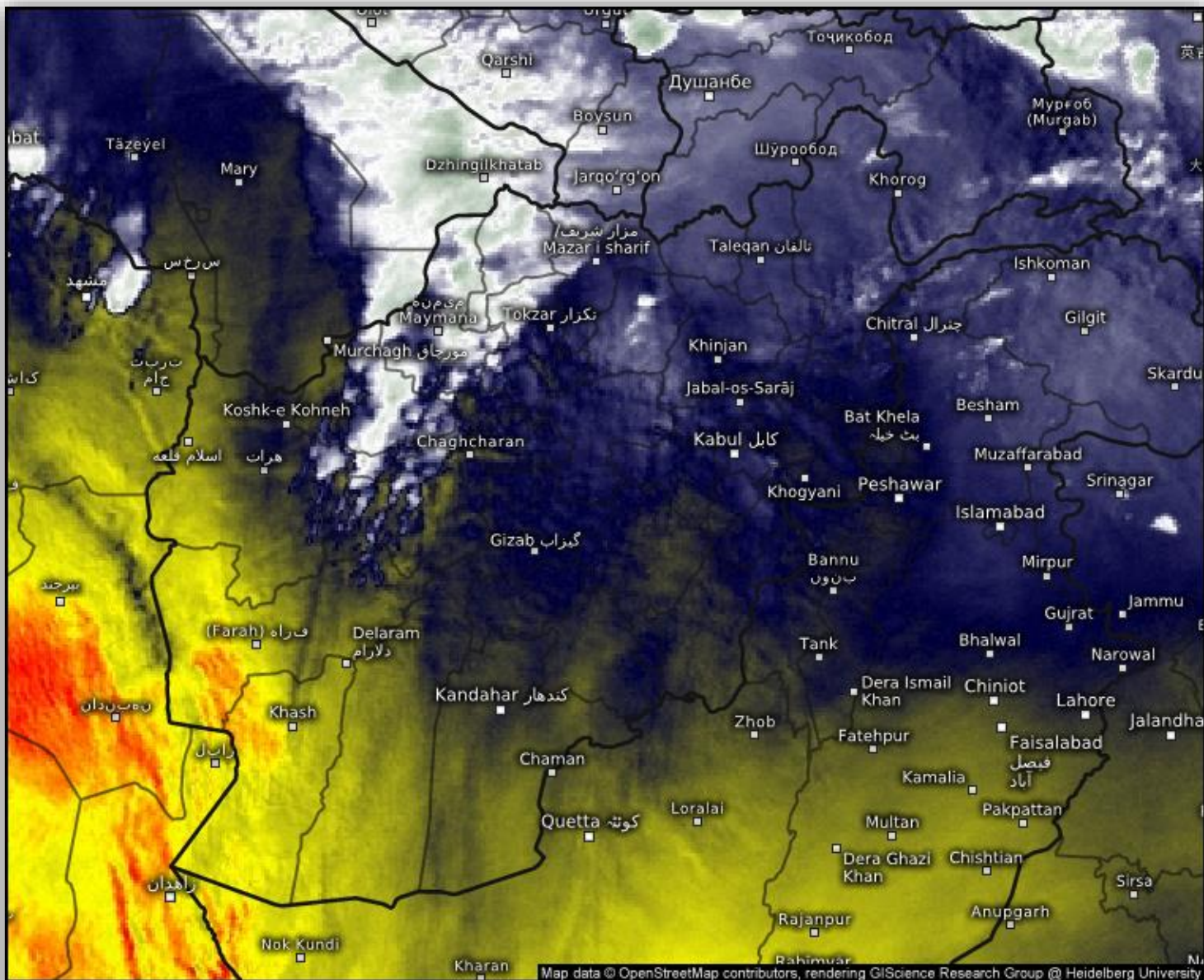


Satellite/Sensor : FY-4B/AGRI



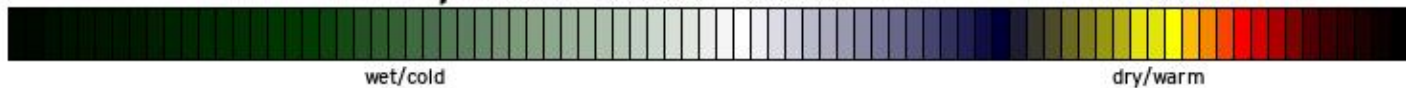
Live satellite map, Afghanistan





Satellite Water Vapor

Mon 05/18/2026, 01:30pm GMT+0430



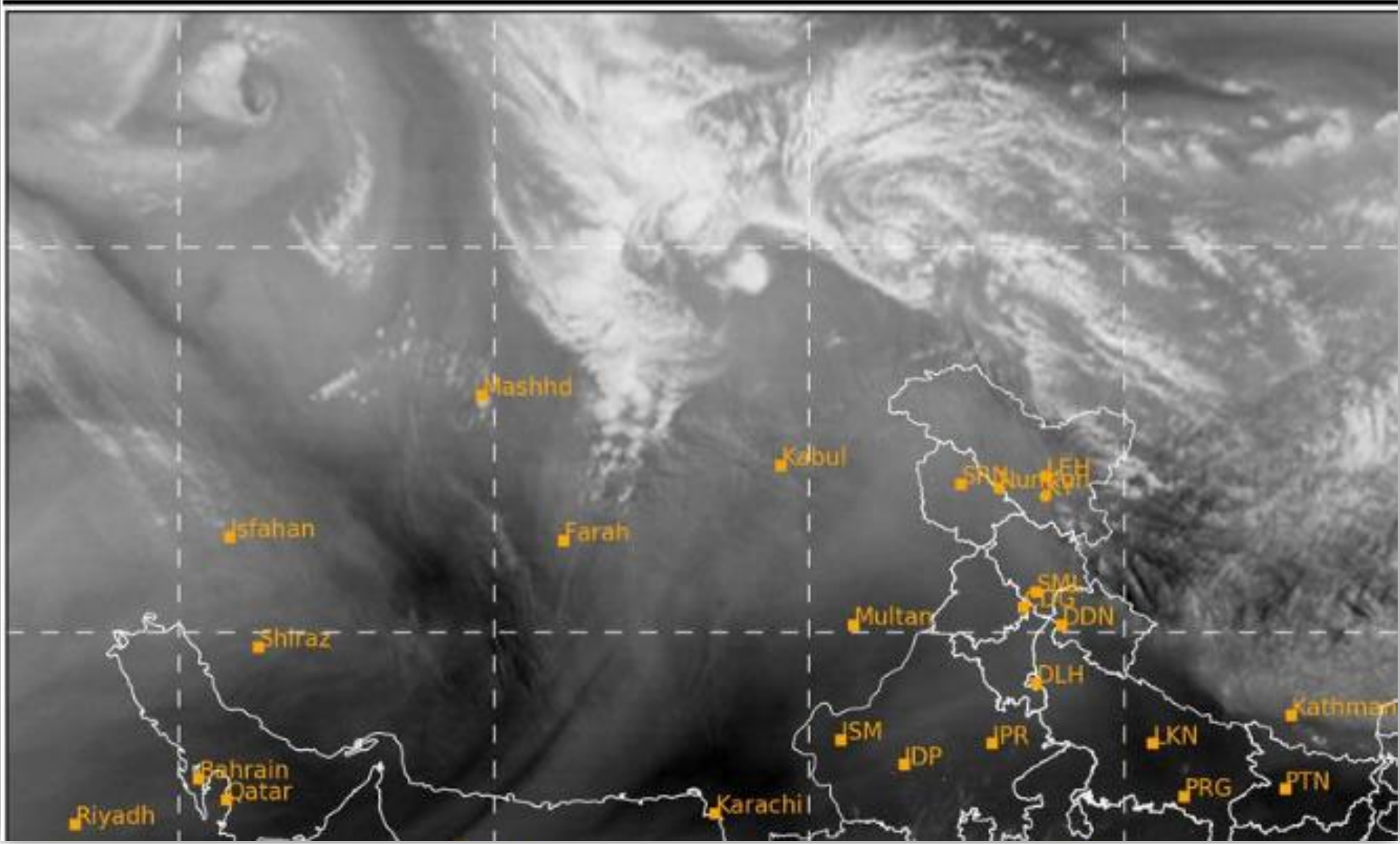
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 Afghanistan



Satellite data: EUMETSAT

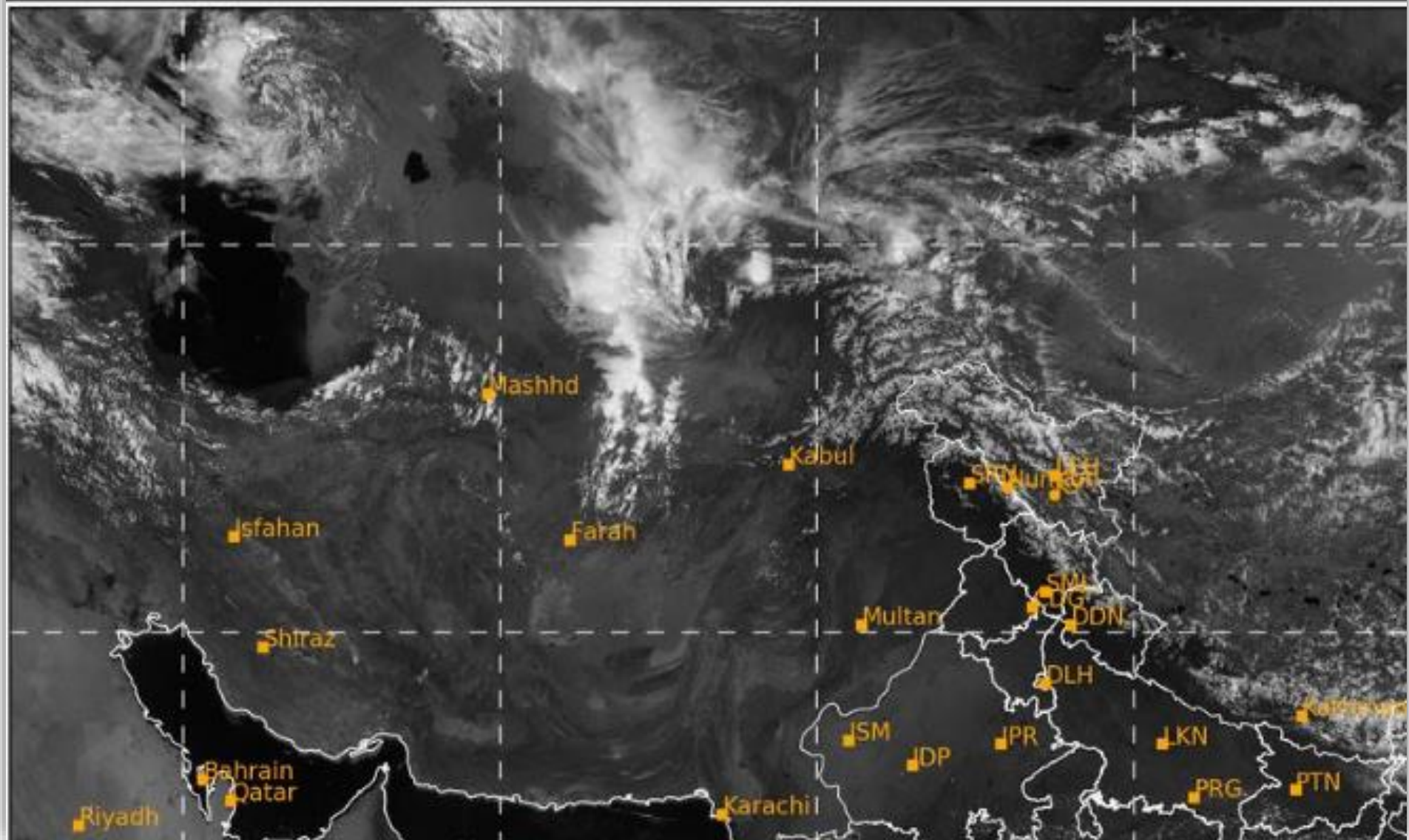
SAT : INSAT-3DR IMG
IMG_WV 6.8 um
LIC Mercator

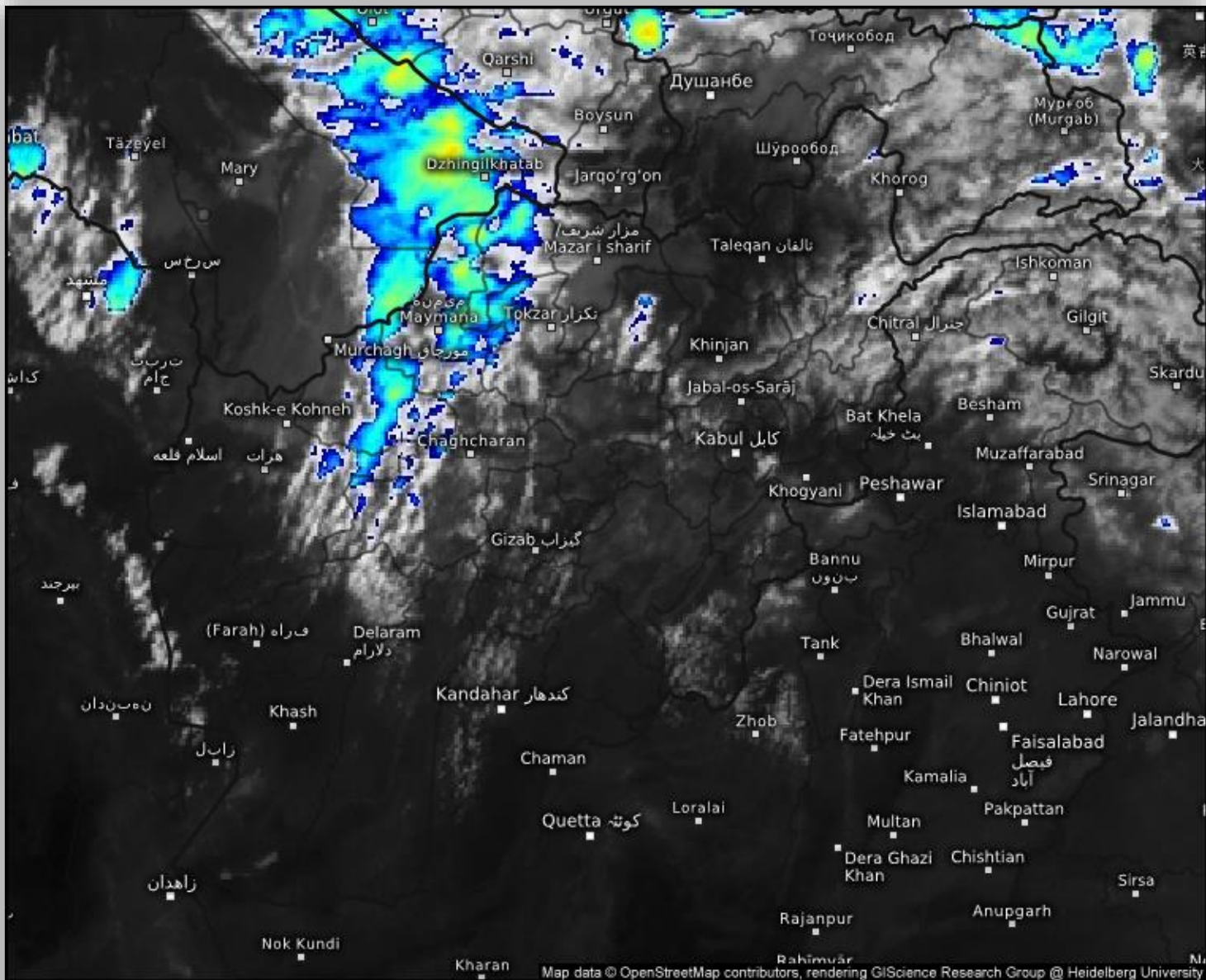
18-05-2026/(0745 to 0812) GMT
18-05-2026/(1315 to 1342) IST



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

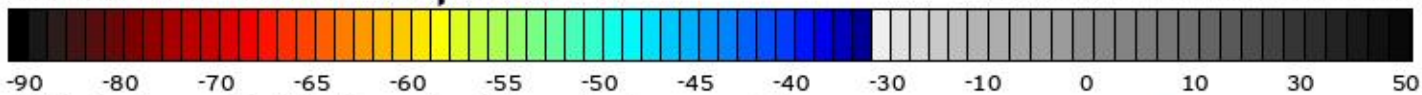
18-05-2026/(0745 to 0812) GMT
18-05-2026/(1315 to 1342) IST





Satellite Cloud Tops Alert

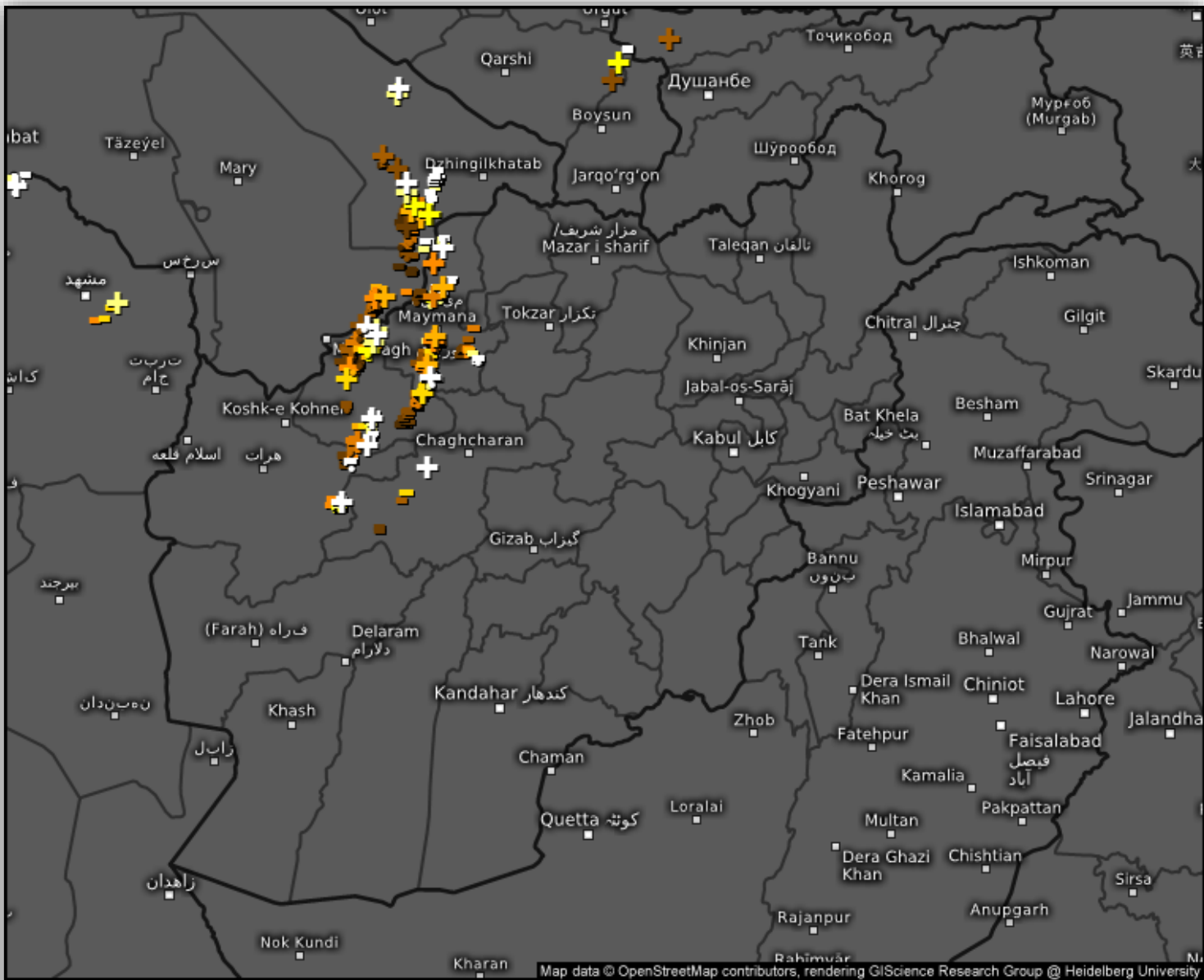
Mon 05/18/2026, 01:30pm GMT+0430



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meteologix

Satellite data: EUMETSAT



Age of lightning (minutes)

Mon 05/18/2026, 01:30pm GMT+0430



Afghanistan

