



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



Daily reports of Satellite imagery analysis. Date & Time: 23-05-2026, 06:00 UTC

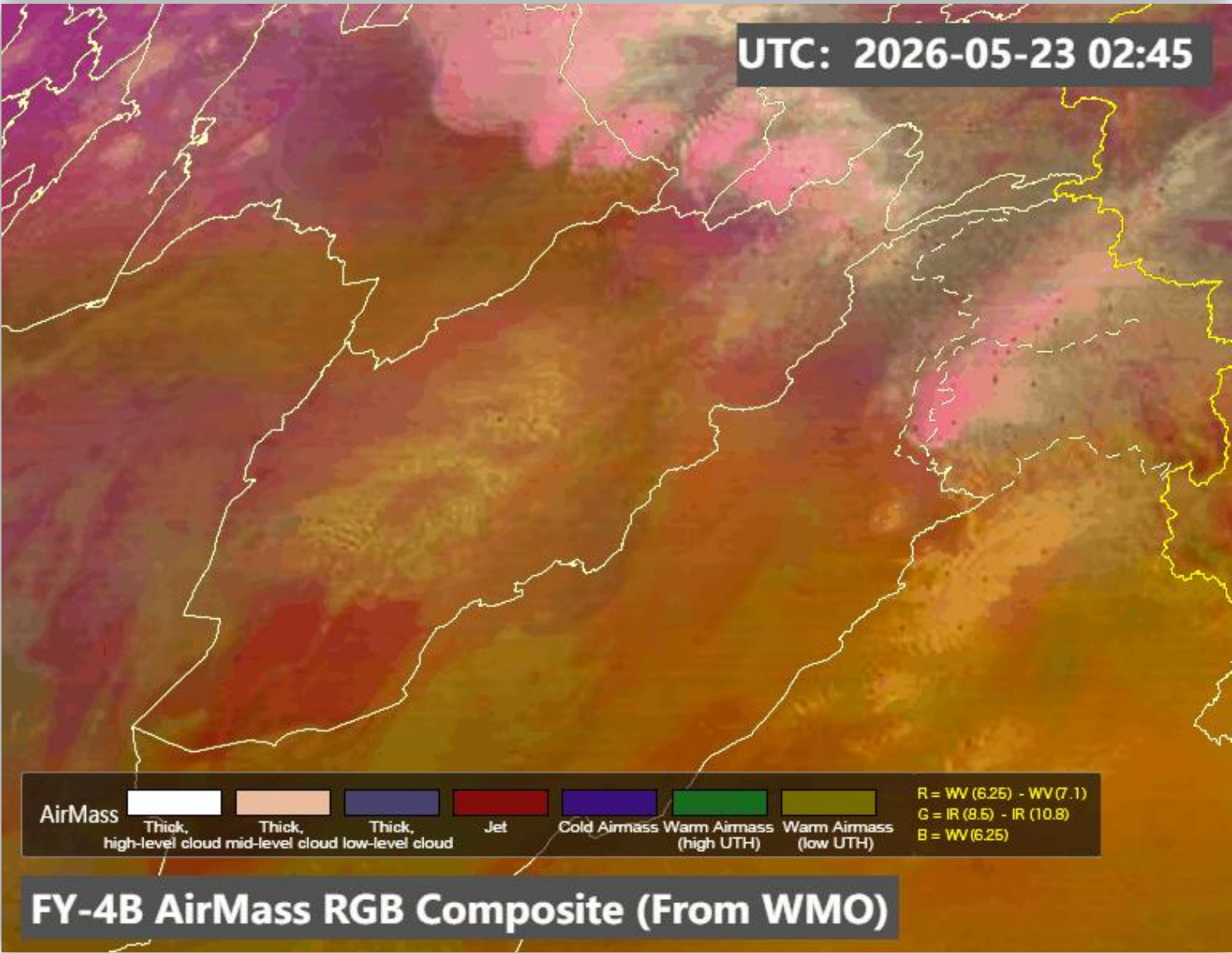
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	✓	X	✓ moderate	X	X	
2	South	X	✓	X	X	X	✓ weak	X	X	
3	West	X	X	X	X	X	✓ moderate	X	X	
4	East	X	X	X	✓	X	✓ moderate	X	X	
5	central	✓	✓	X	✓	X	✓ moderate	X	X	
6	Northeast	X	X	X	✓	X	✓ moderate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

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

Reported by: Esmatullah Mohammadi.

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

UTC: 2026-05-23 02:45

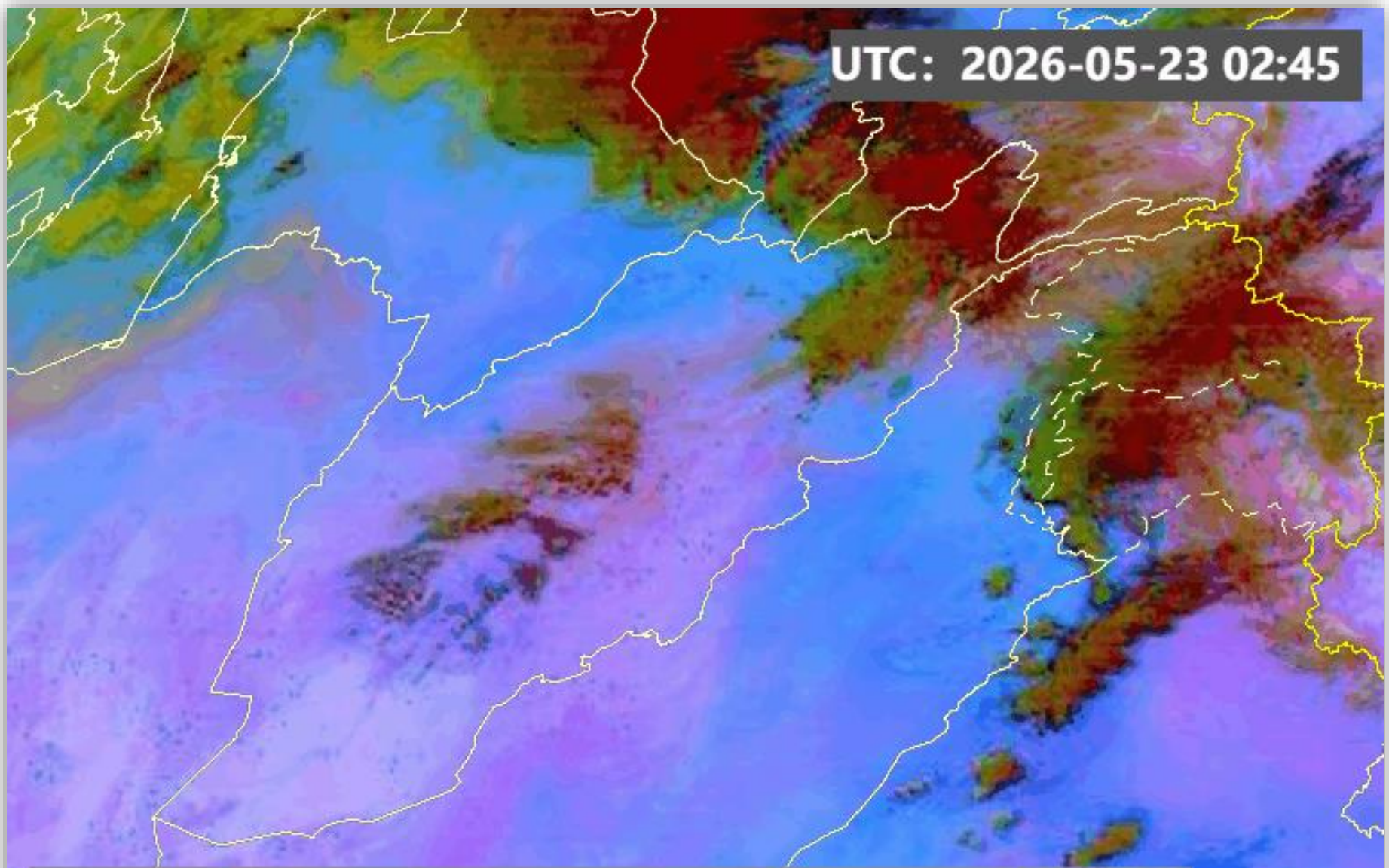


AirMass

- 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)

UTC: 2026-05-23 02:45

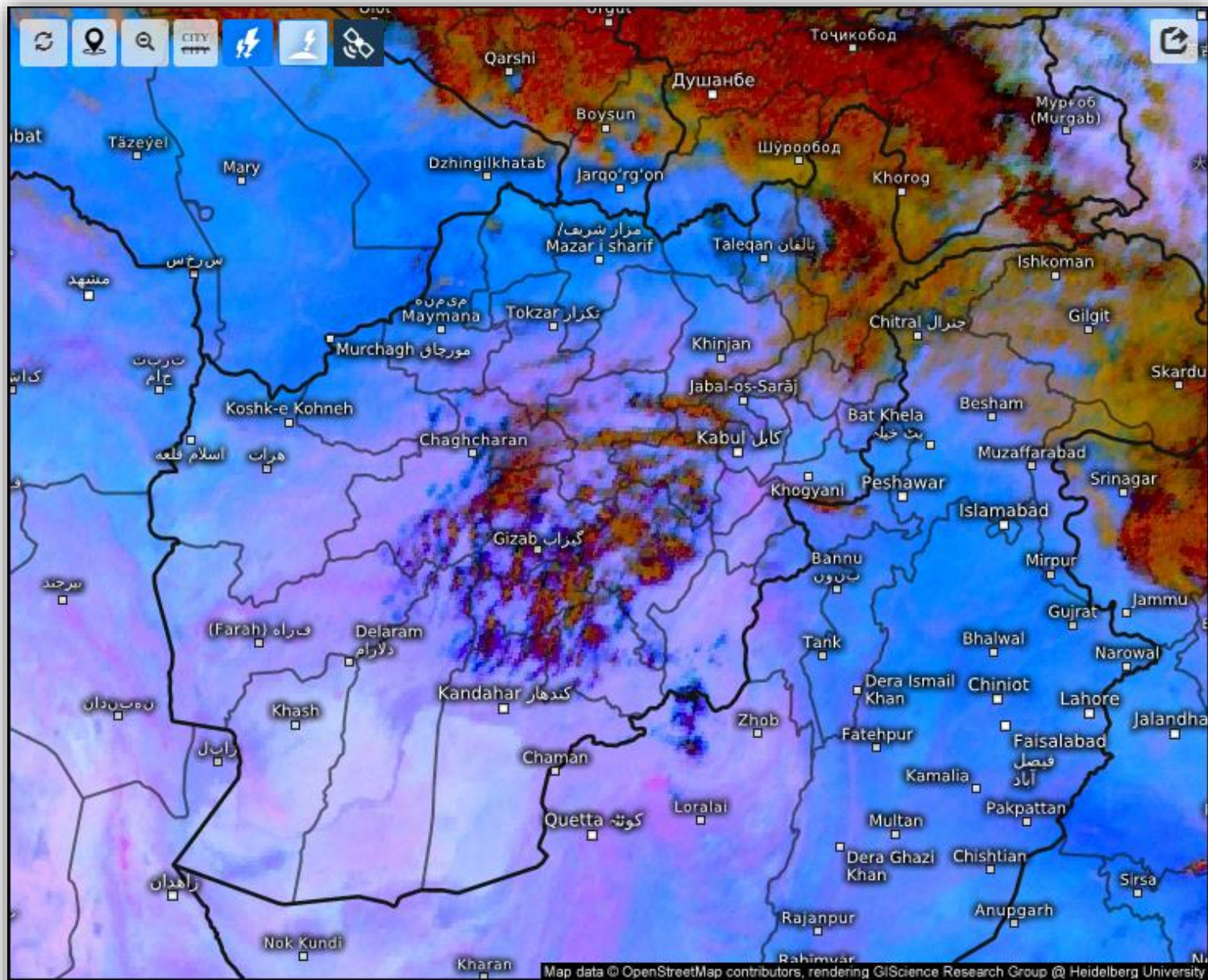


Dust

							
Dust	High-level cloud	Thick, mid-level cloud	Thin, mid-level cloud	Ocean	Land	Low-level cloud	Cirrus

R = IR (12.0) - IR (10.8)
G = IR (10.8) - IR (8.5)
B = IR (10.8)

FY-4B Dust RGB Composite (From WMO)

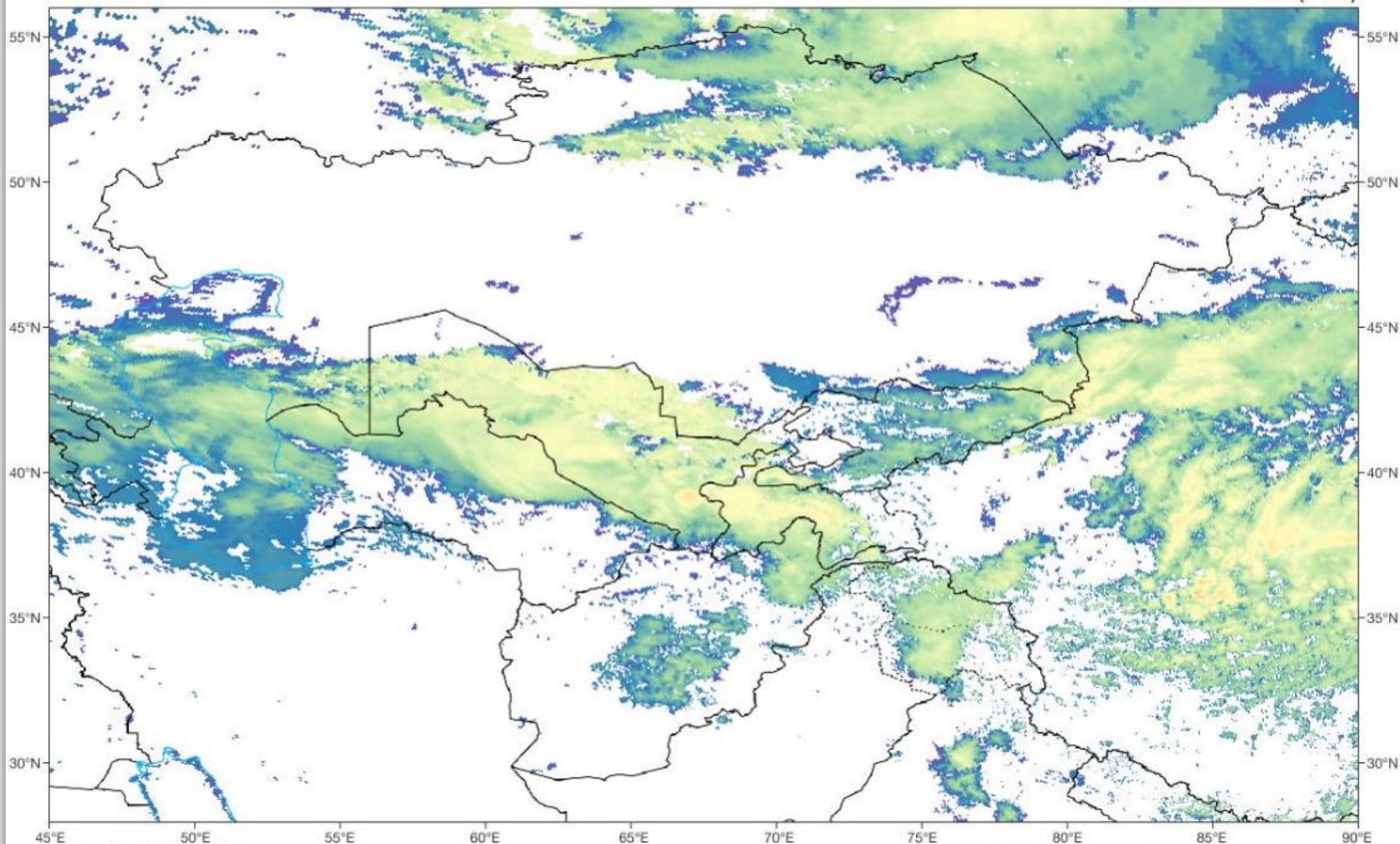


Satellite Dust

Sat 05/23/2026, 10:15am GMT+0430

Cloud Top Height

2026-05-23 05:30(UTC)

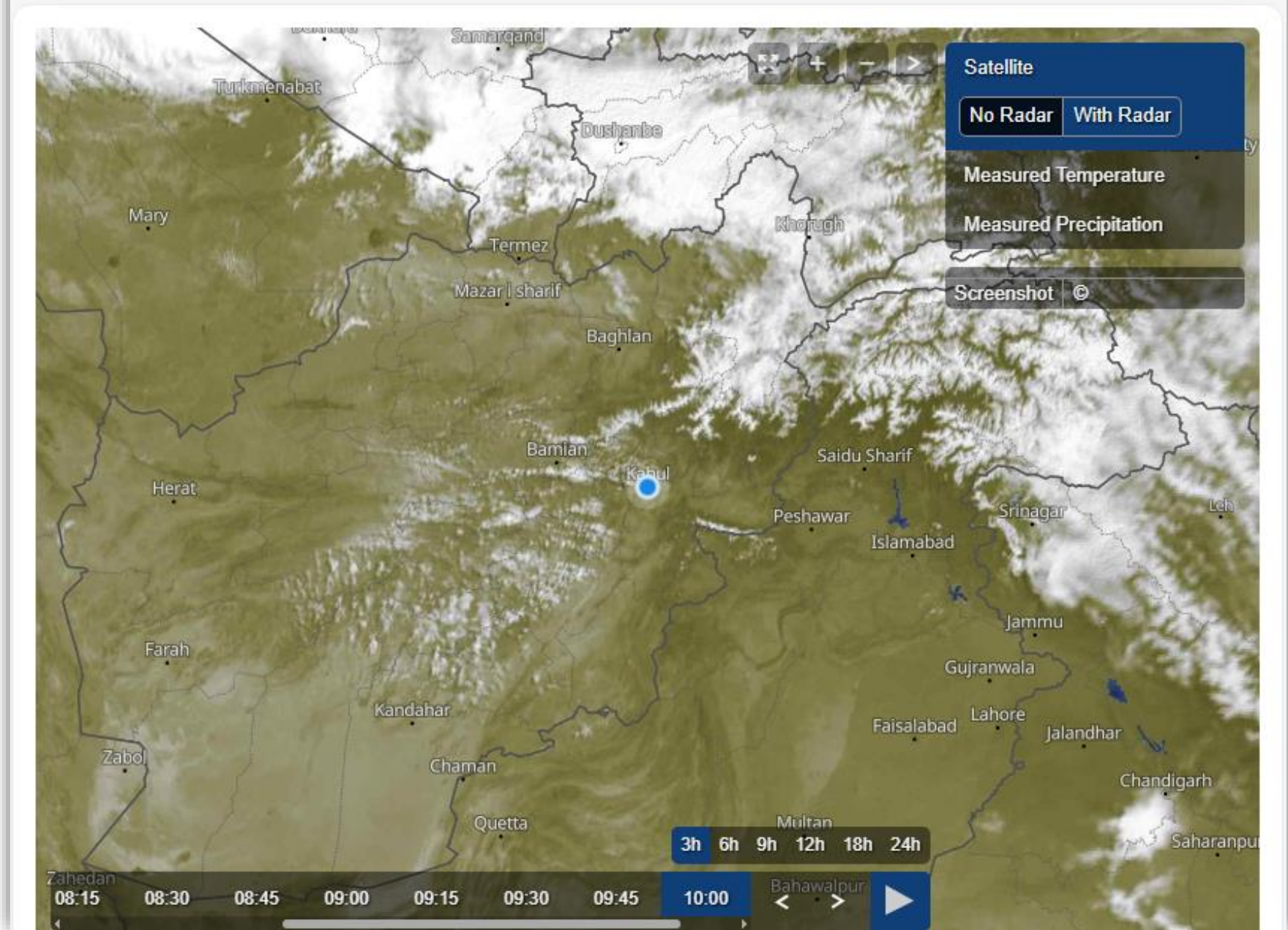


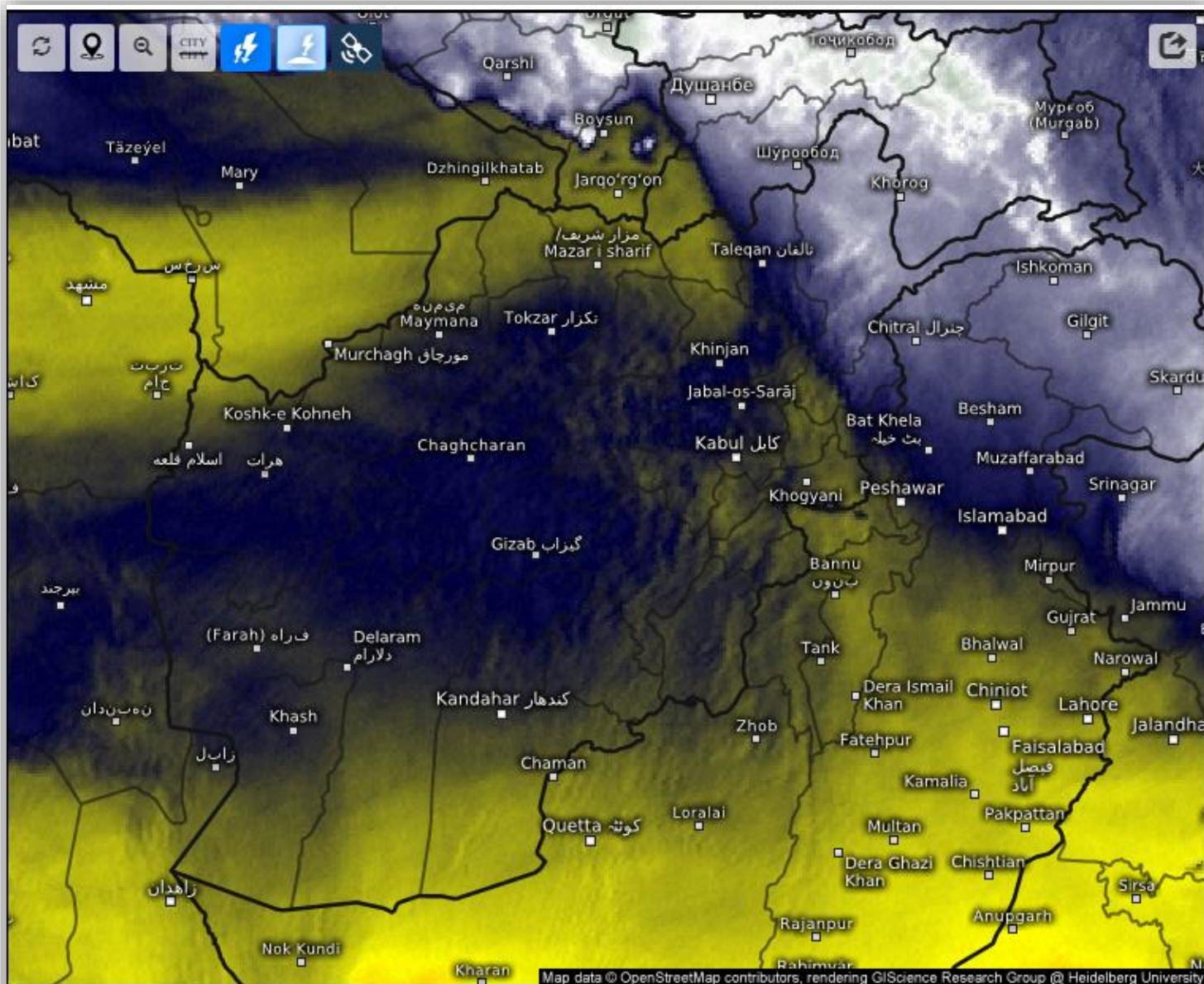
CTH km

Satellite/Sensor : FY-4B/AGRI



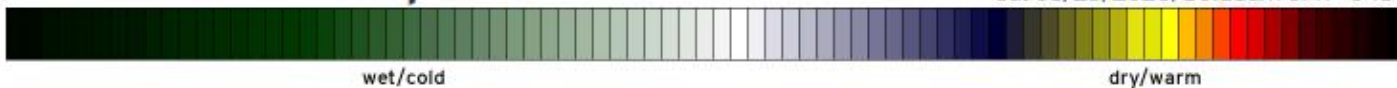
Live satellite map, Afghanistan





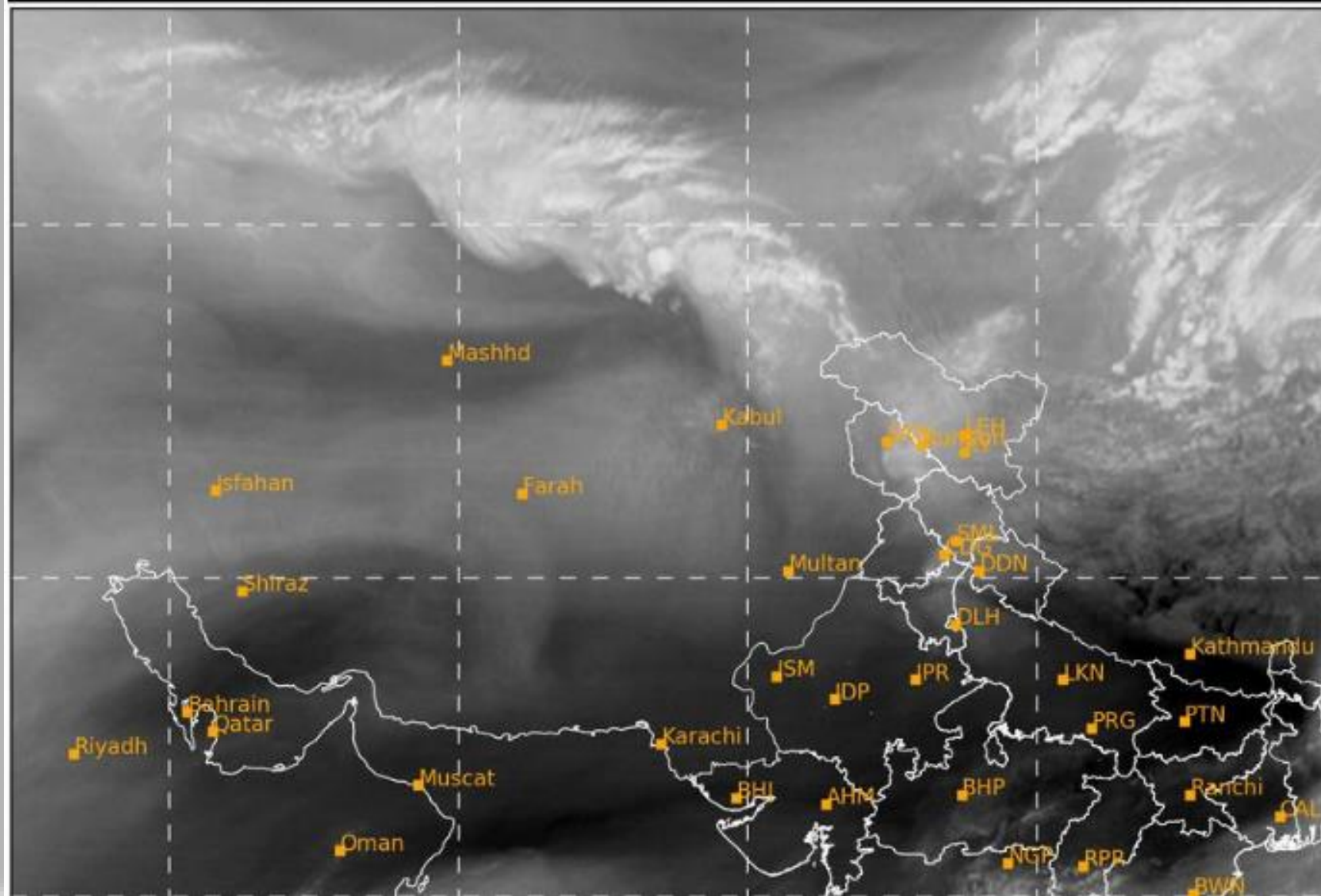
Satellite Water Vapor

Sat 05/23/2026, 10:15am GMT+0430



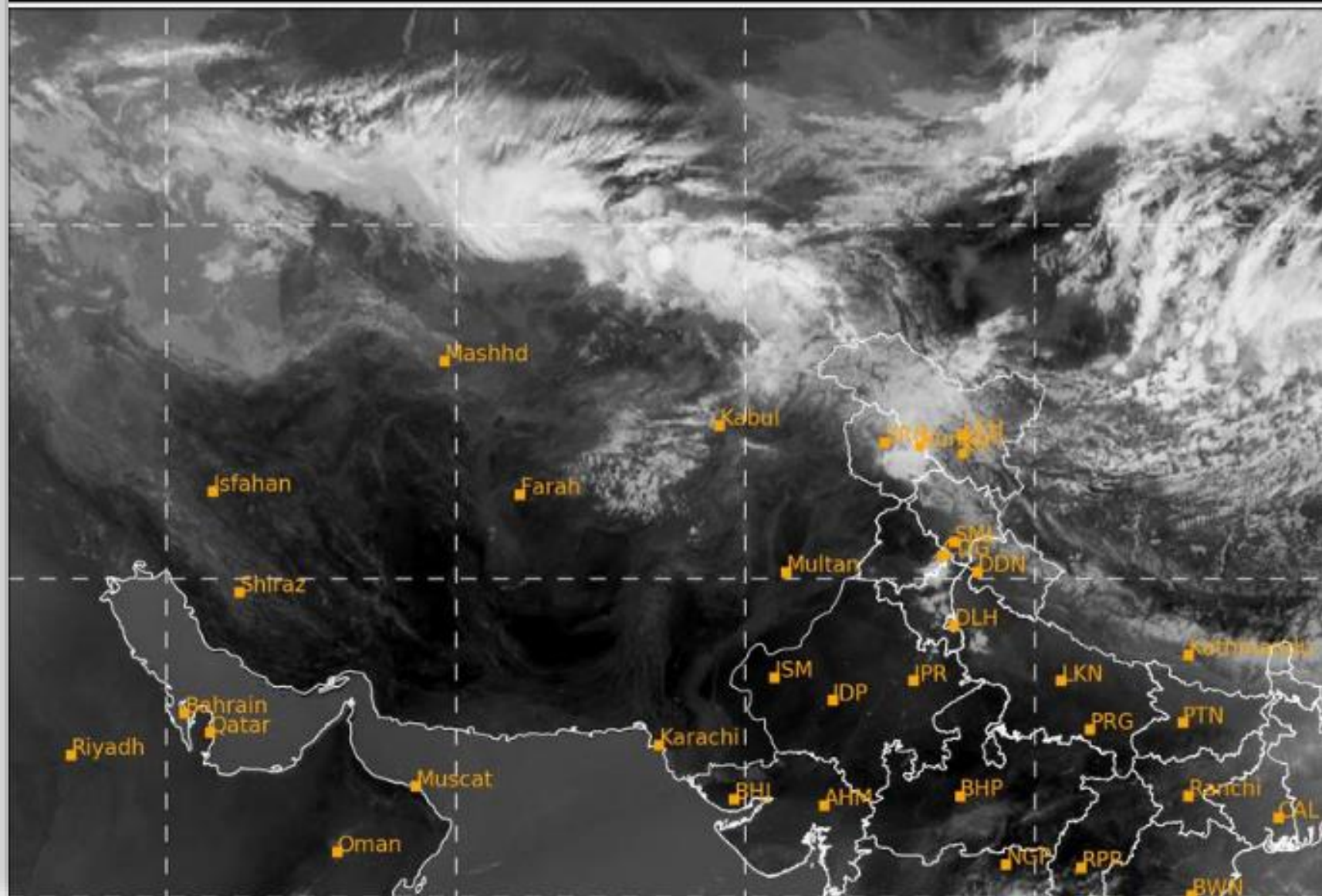
SAT : INSAT-3DR IMG
IMG_WV 6.8 um
LIC Mercator

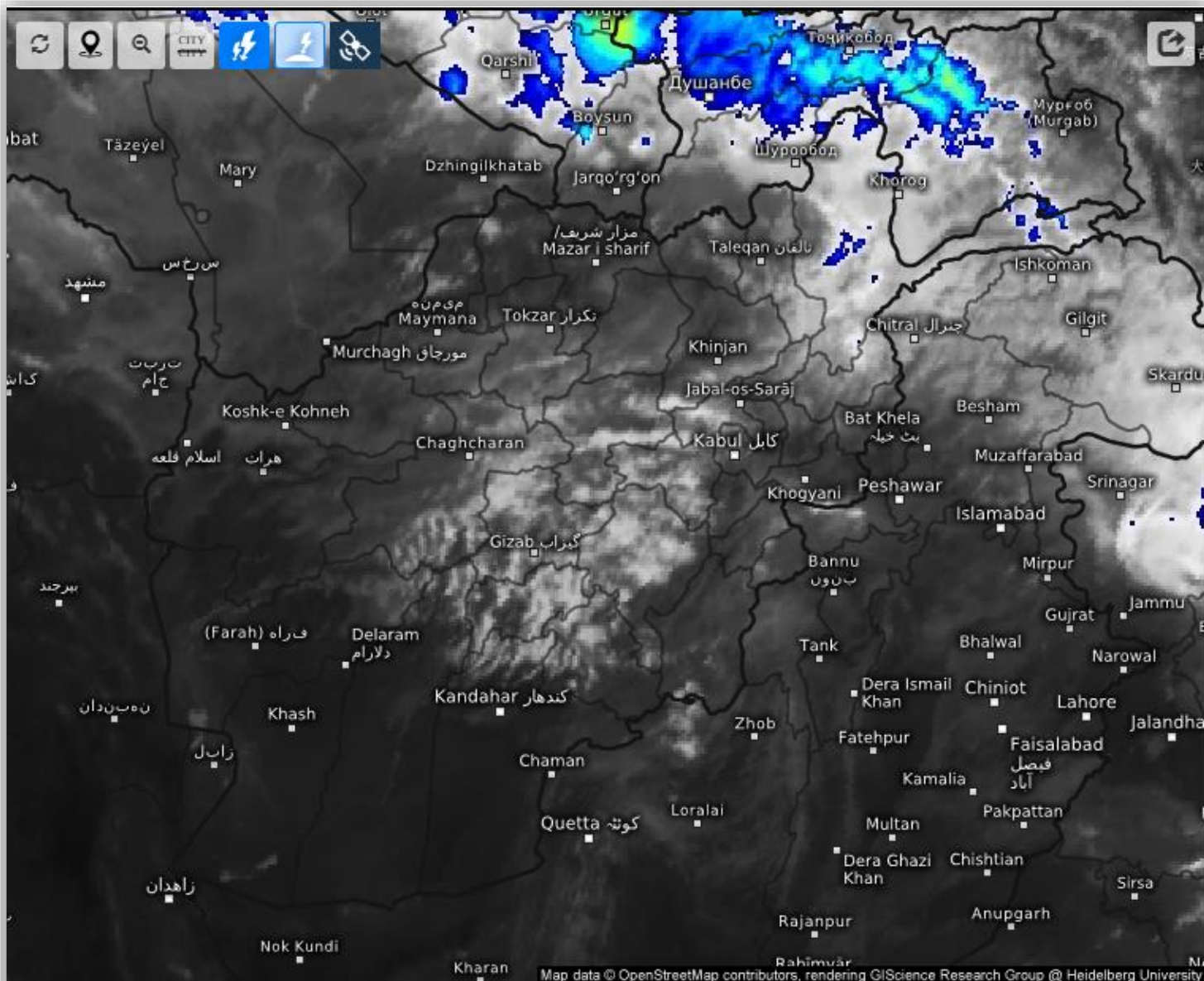
23-05-2026/(0515 to 0542) GMT
23-05-2026/(1045 to 1112) IST



SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

23-05-2026/(0515 to 0542) GMT
23-05-2026/(1045 to 1112) IST





Satellite Cloud Tops Alert

Sat 05/23/2026, 10:15am GMT+0430

