



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



Daily reports of Satellite imagery analysis. Date & Time: 03/05/2026, 03:00 UTC

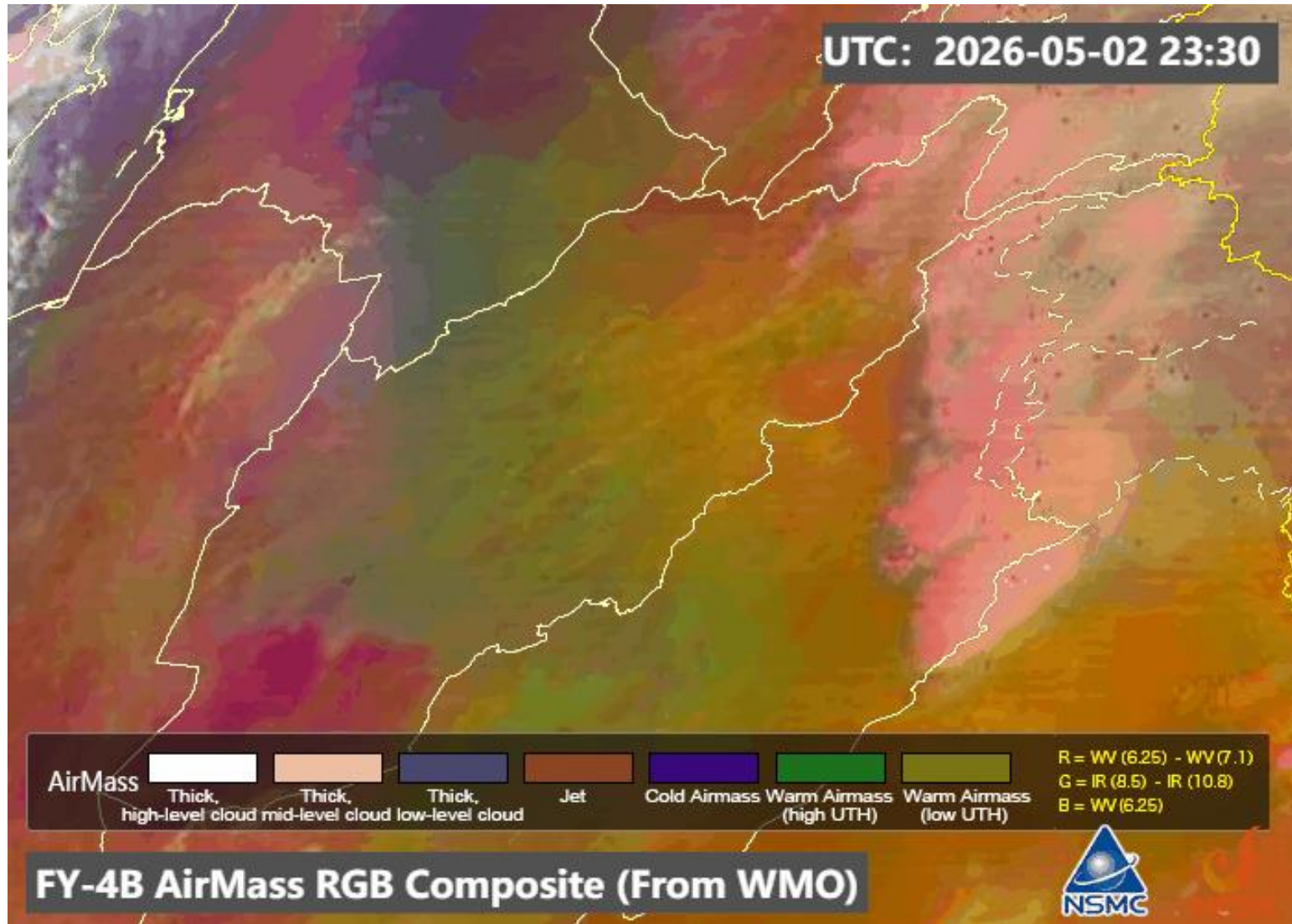
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	✓	X	✓ Weak	X	X	
2	South	✓	✓	X	X	X	✓ Moderate	X	X	
3	West	✓	✓	X	X	X	✓ Moderate	X	X	
4	East	✓	X	✓	✓	X	✓ Moderate	X	X	
5	central	✓	✓	X	X	X	✓ Weak	X	X	
6	Northeast	✓	X	✓	✓	X	✓ Moderate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

Details: According to satellite imagery analysis, all regions have warm air mass. The southern, western, central, southeastern, and northwestern areas have dust storm. Some parts of eastern and northeastern areas have thunder storm. Some parts of norther, eastern, and northwestern areas have cloudy sky. The southern, western, eastern, northeastern, northwestern, and southwestern areas have moderate water vapor. The northern, central, and southeastern areas have weak water vapor.

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

- Reported by: Sayed Taher Atlas

UTC: 2026-05-02 23:30



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)

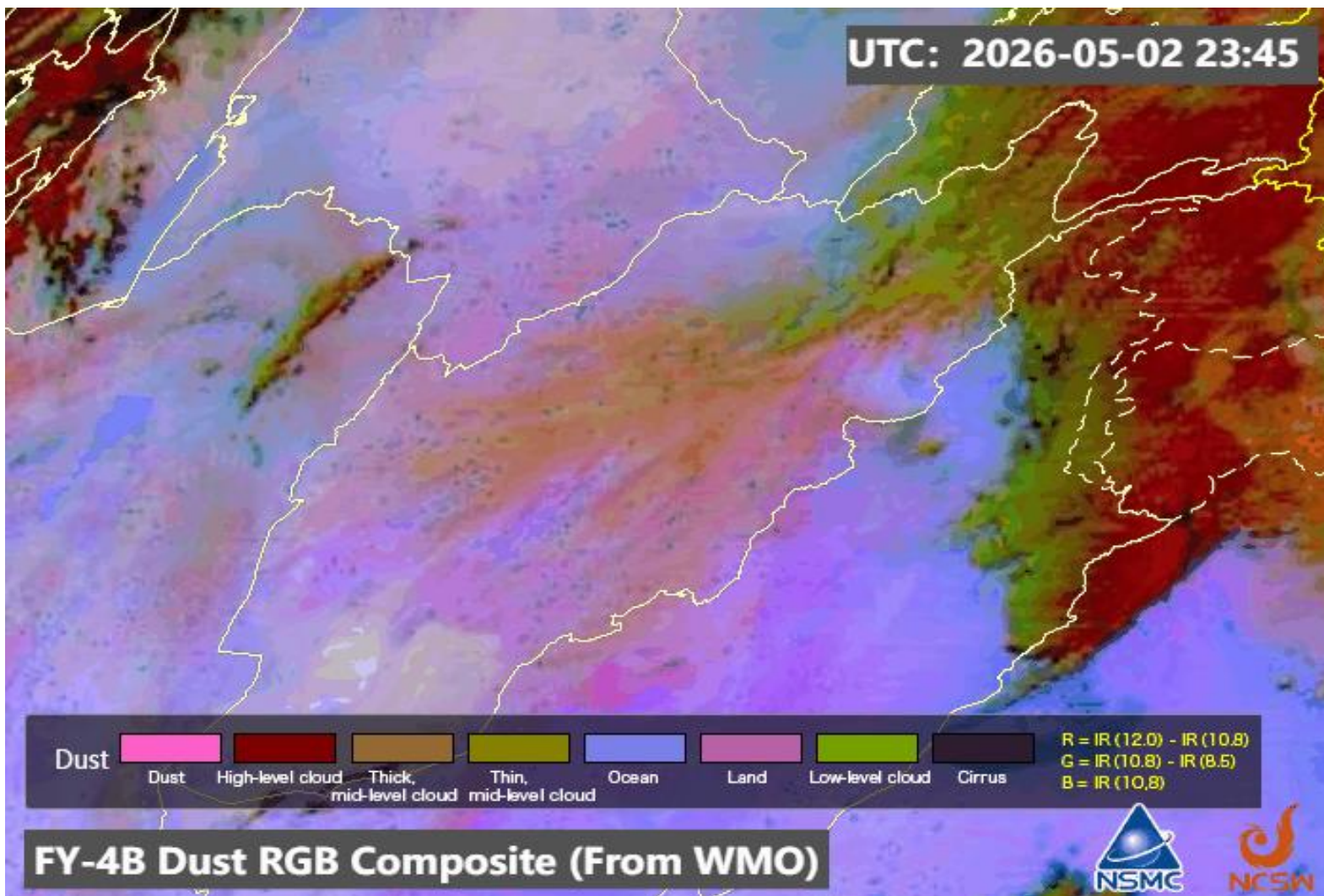
G = IR (8.5) - IR (10.8)

B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)

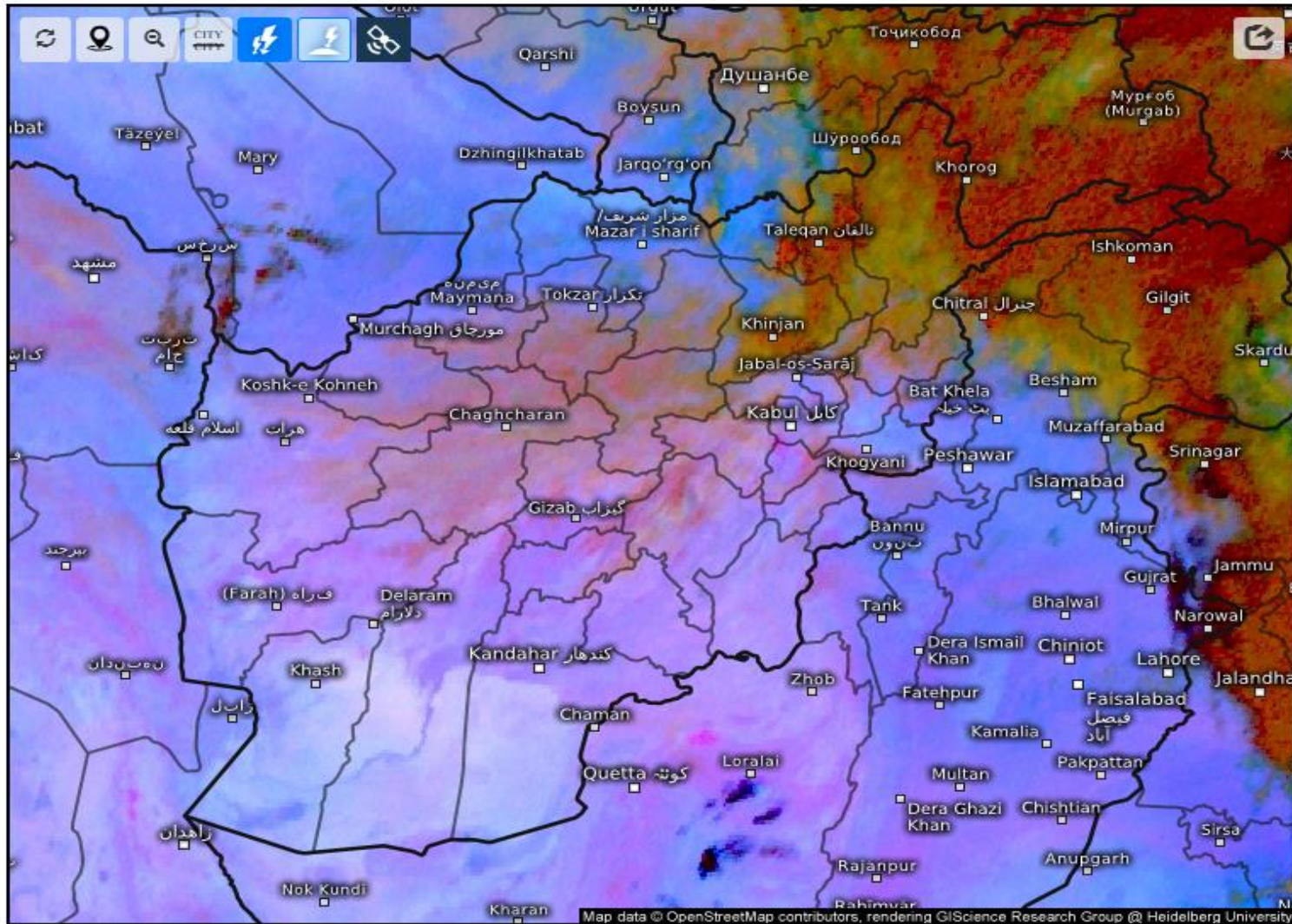


UTC: 2026-05-02 23:45



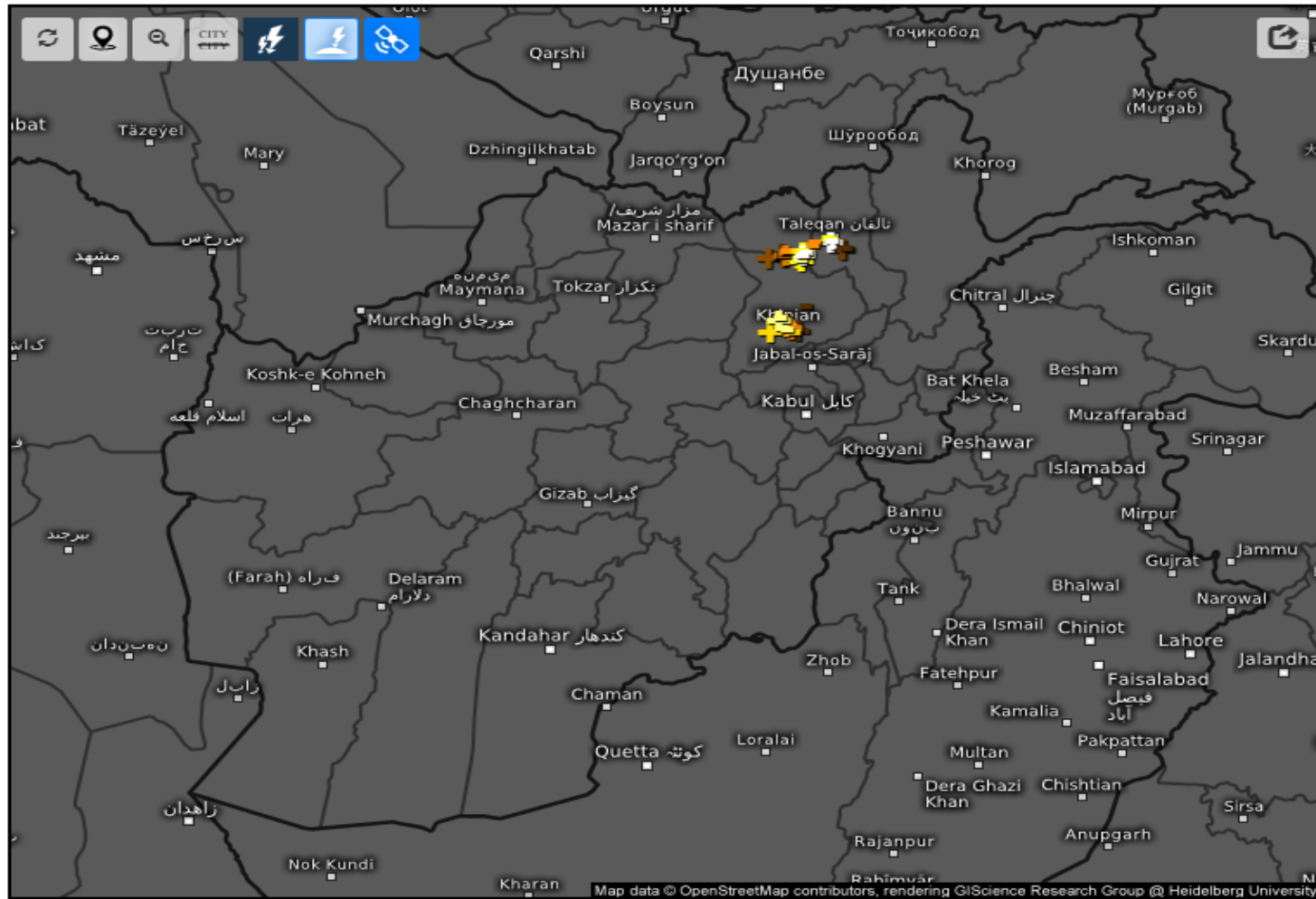
FY-4B Dust RGB Composite (From WMO)





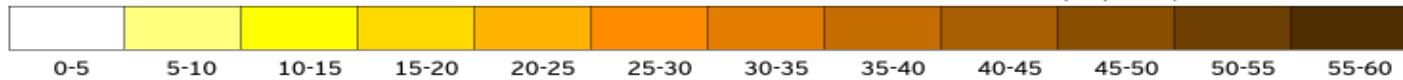
Satellite Dust 

Sun 05/03/2026, 07:30am GMT+0430



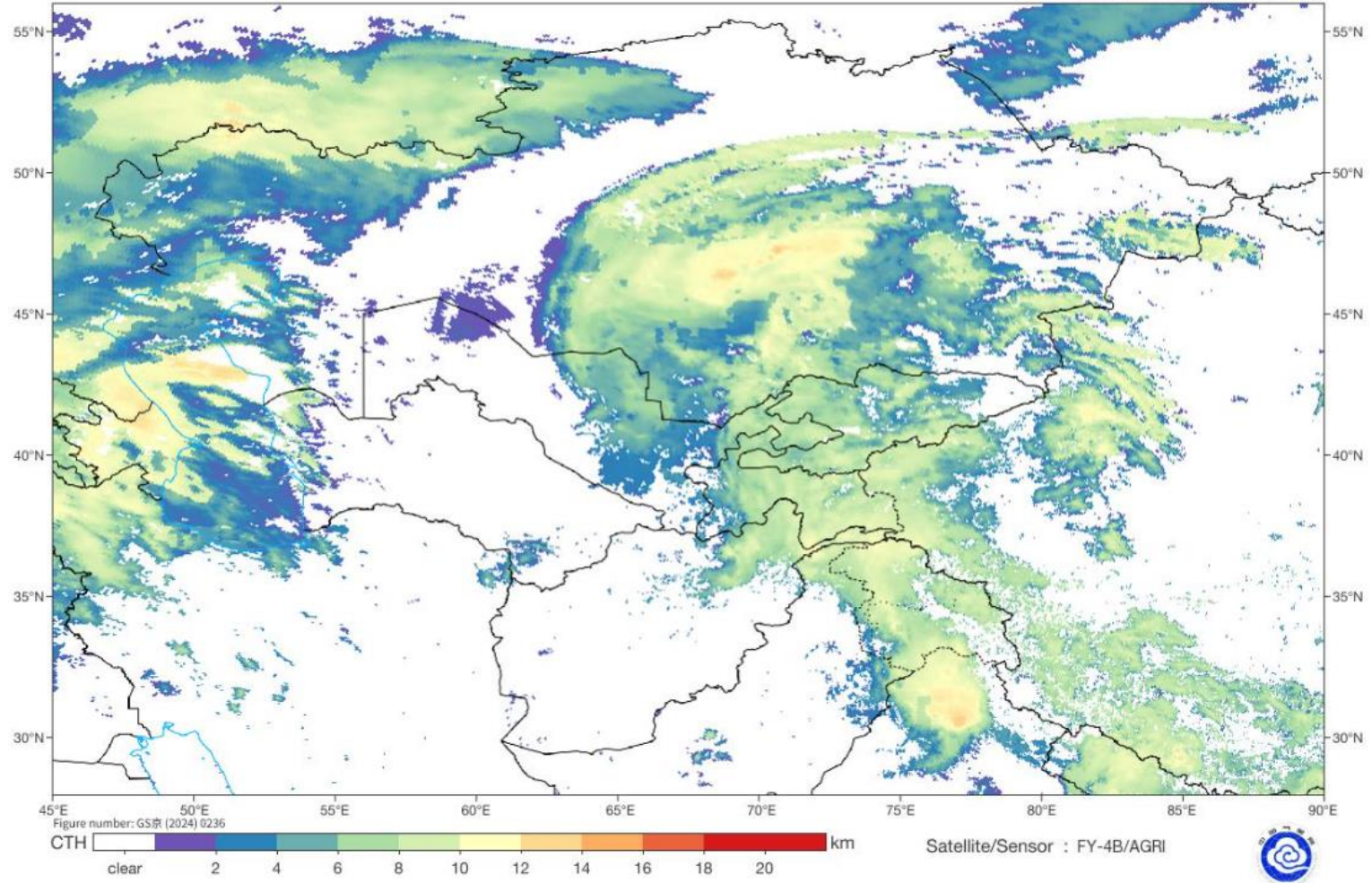
Age of lightning (minutes) 

Sun 05/03/2026, 07:30am GMT+0430

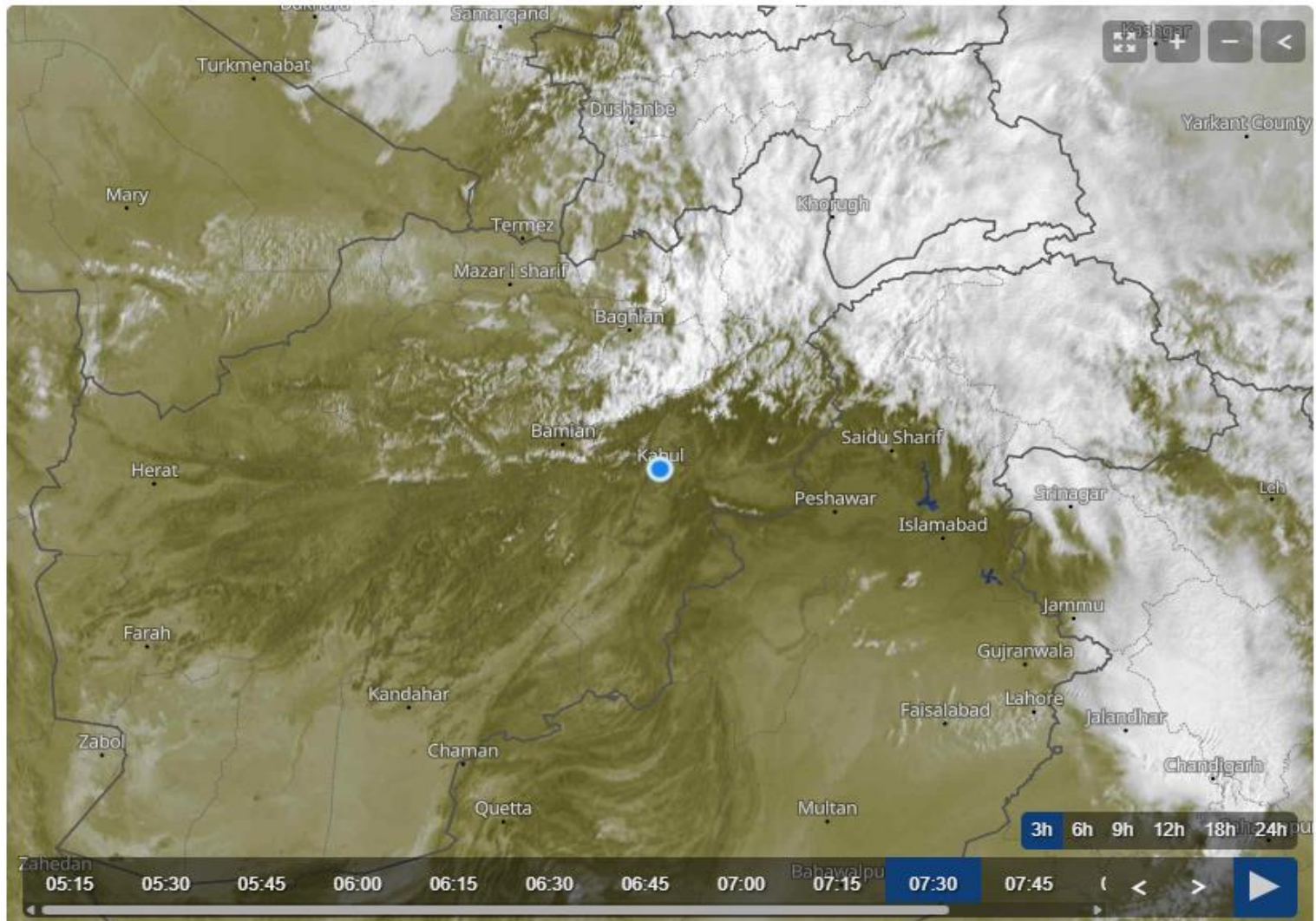


Cloud Top Height

2026-05-03 03:00(UTC)

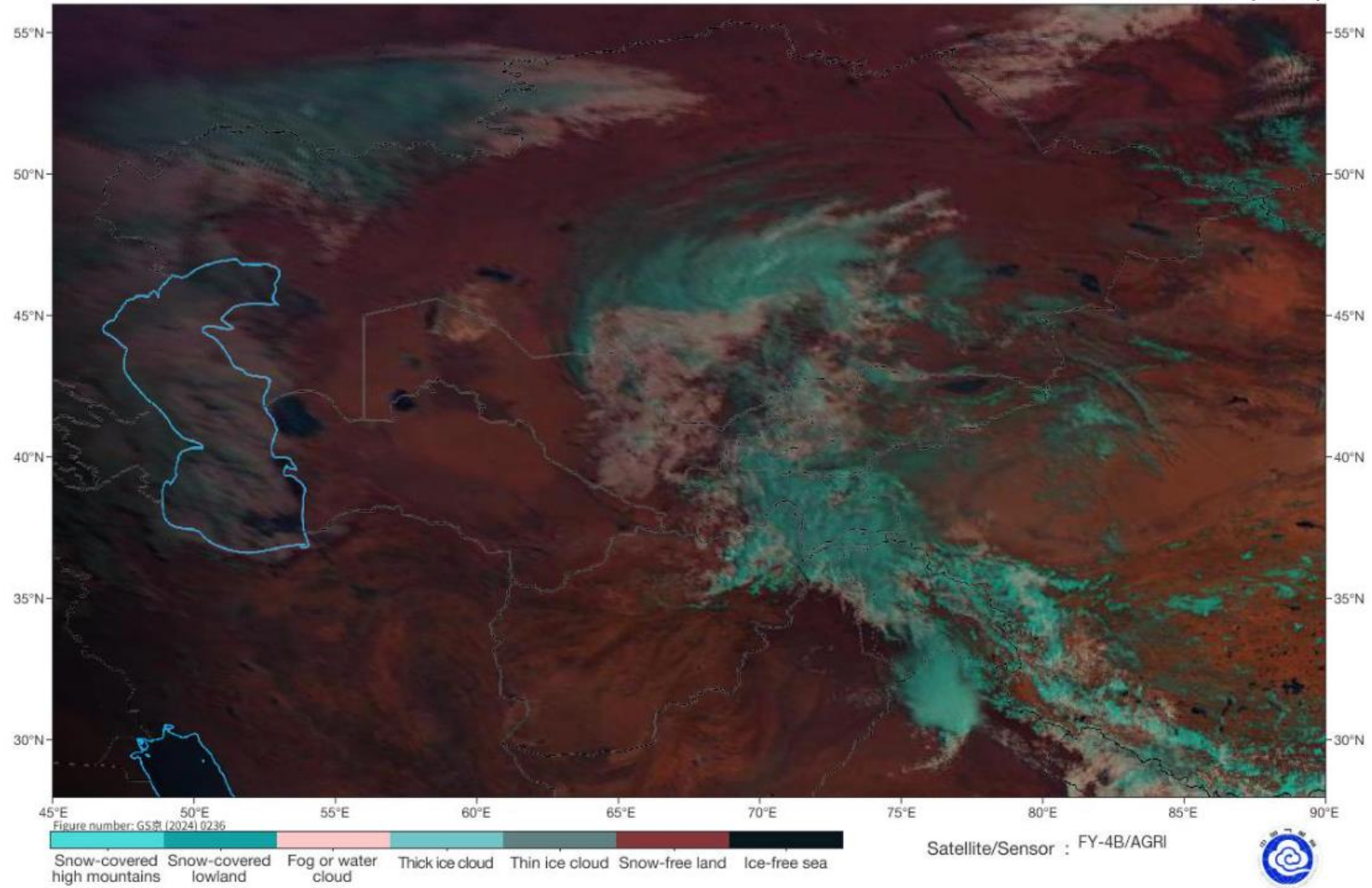


Live satellite map, Afghanistan



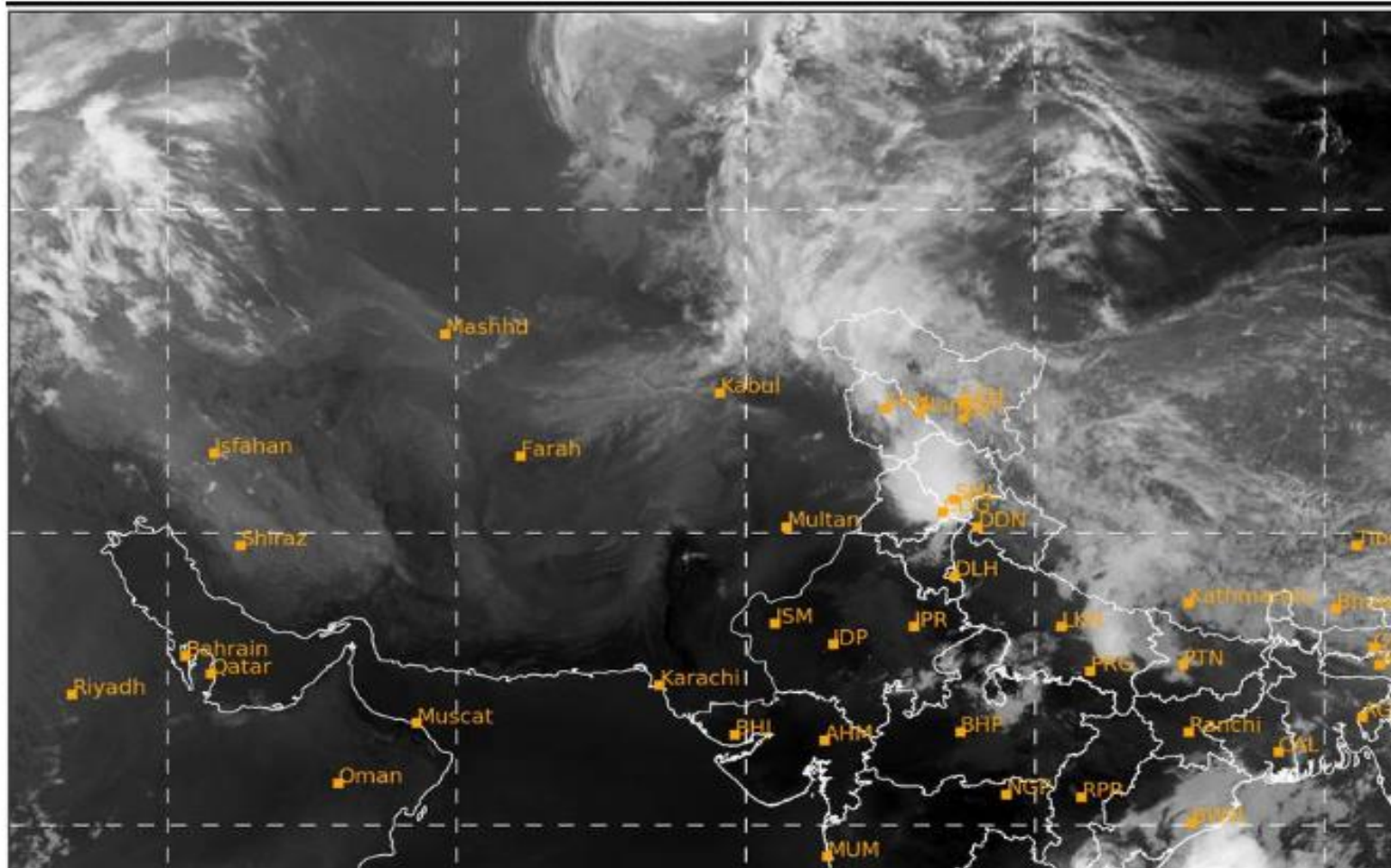
Fog Identification

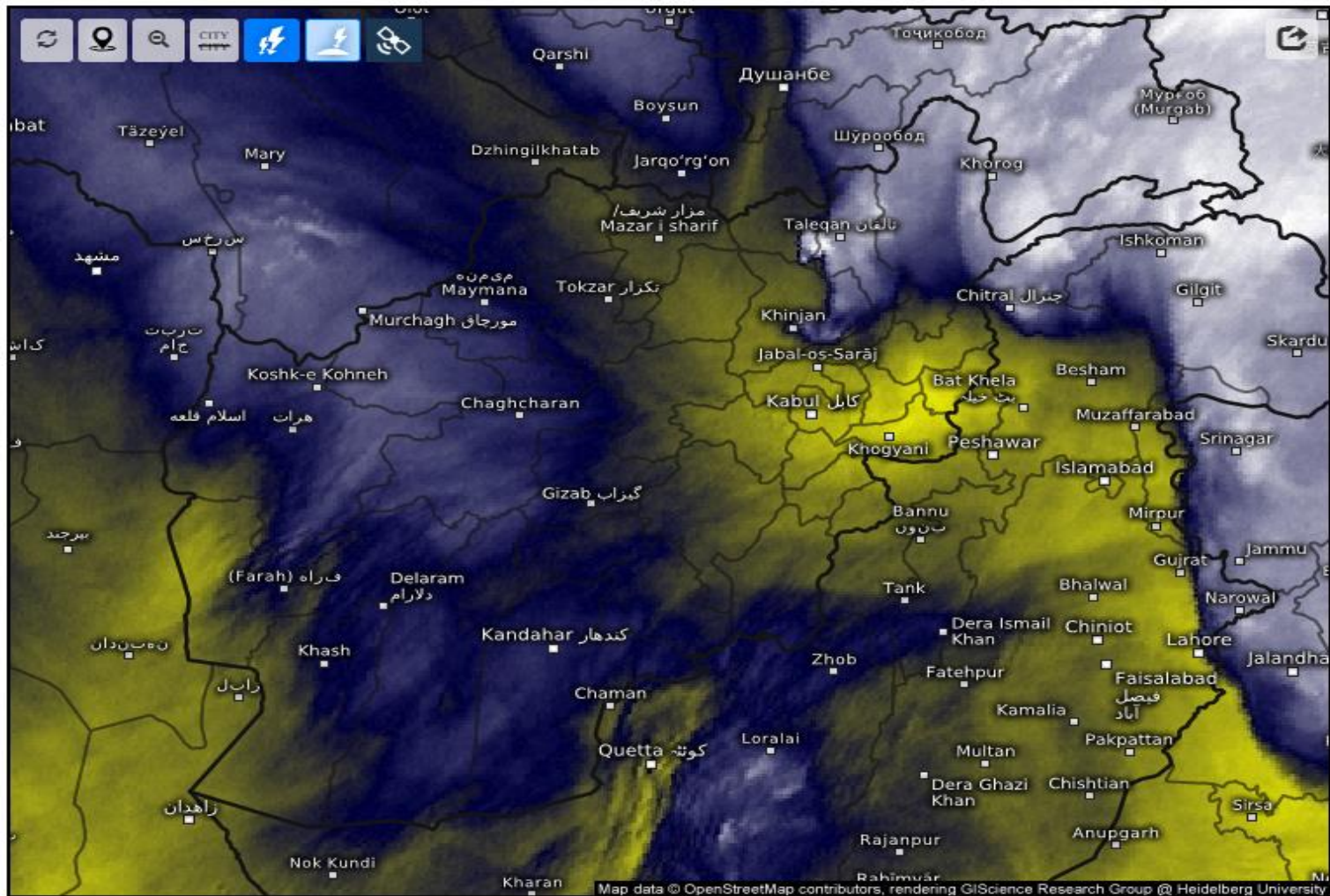
2026-05-03 03:00(UTC)



SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

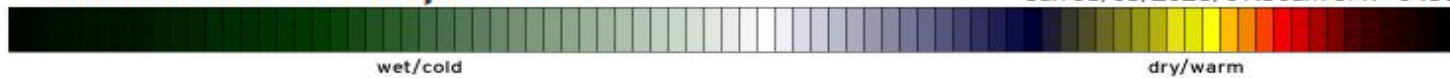
03-05-2026/(0215 to 0242) GMT
03-05-2026/(0745 to 0812) IST





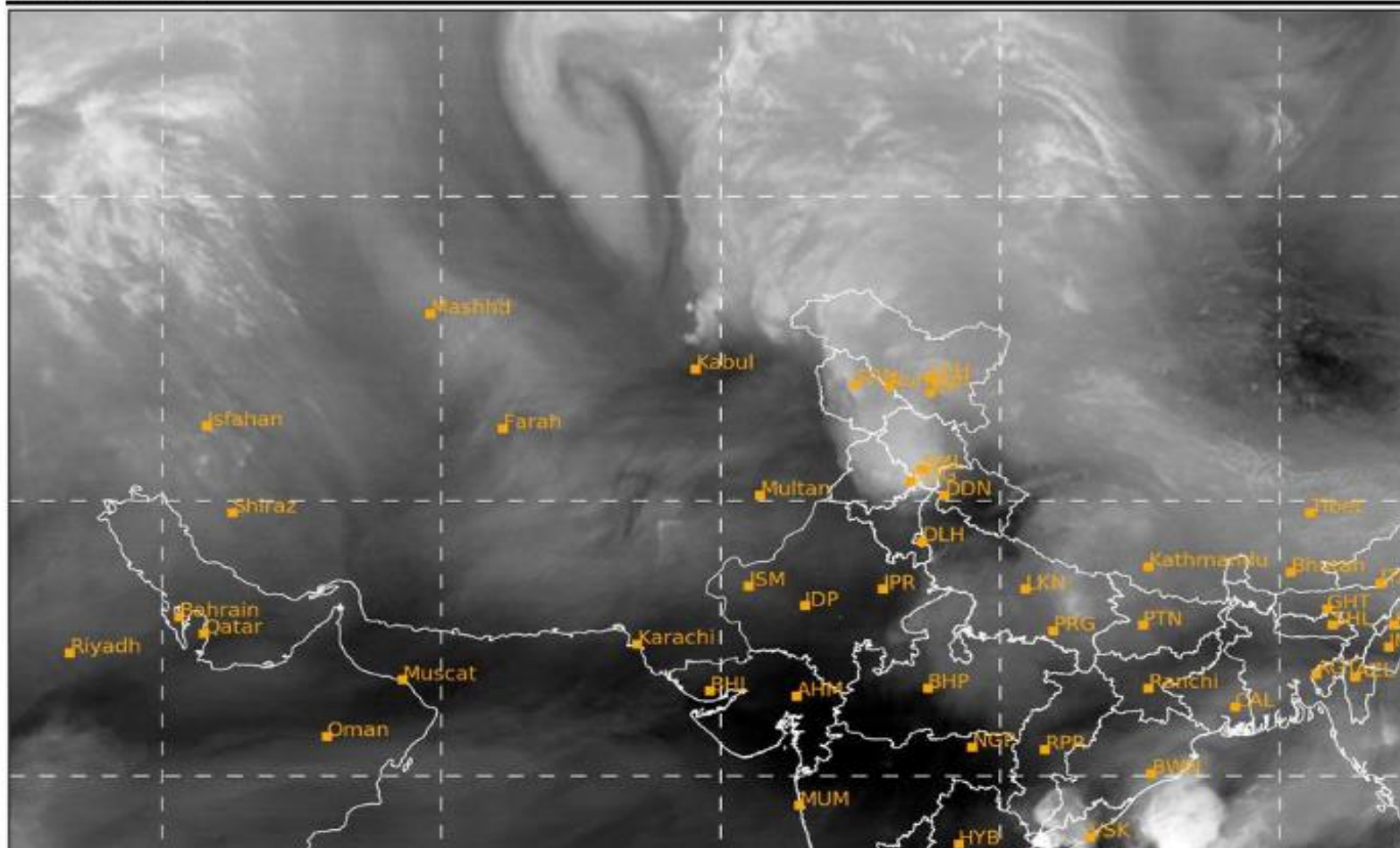
Satellite Water Vapor i

Sun 05/03/2026, 07:30am GMT+0430



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

03-05-2026/(0215 to 0242) GMT
03-05-2026/(0745 to 0812) IST



Land Surface Temperature

2026-05-03 03:00(UTC)

