



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



Daily reports of Satellite imagery analysis. Date & Time: 21-02-2026, 08:30 UTC

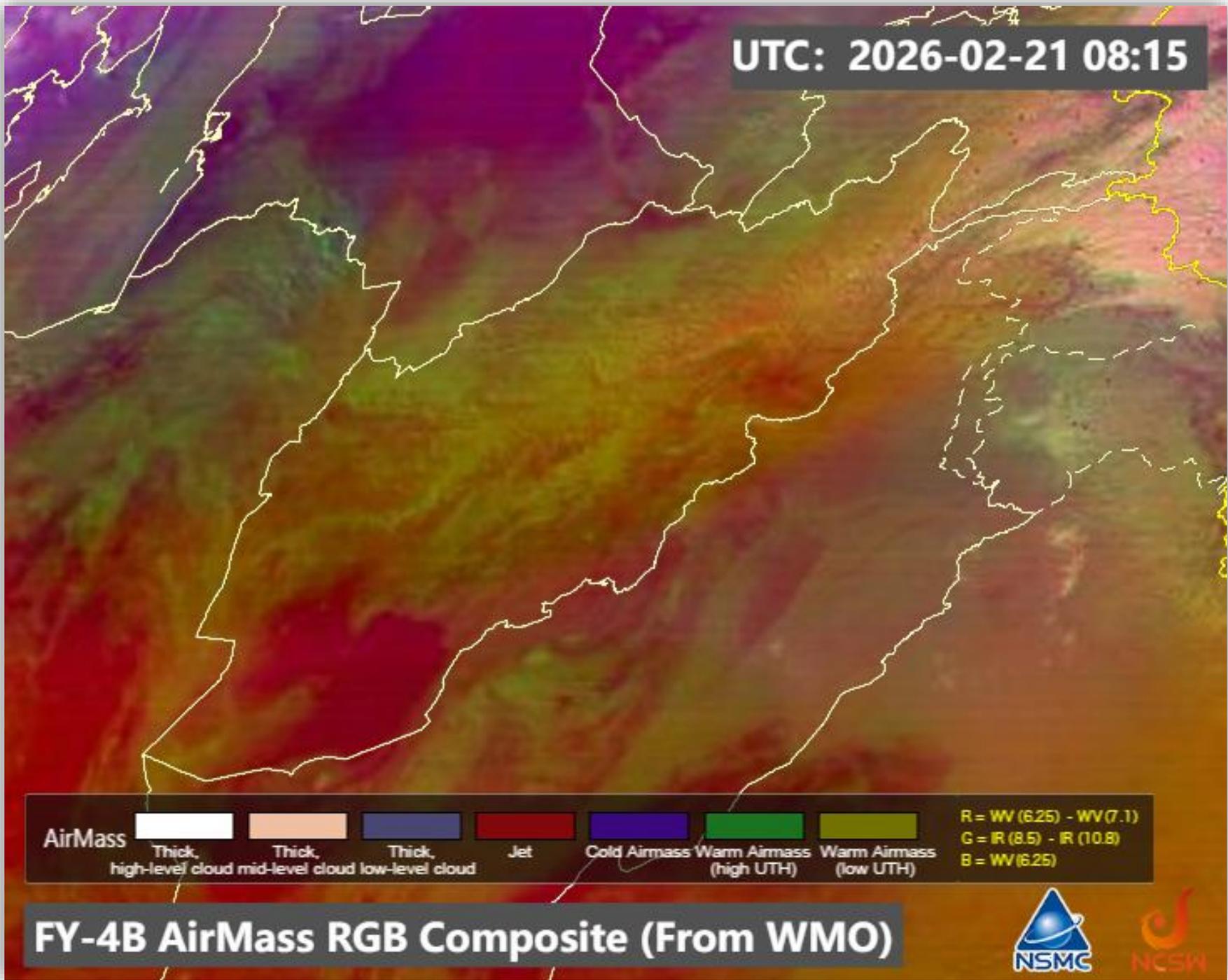
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	✓	X	X	X	✓ moderate	X	X	
2	South	X	X	X	X	X	✓ moderate	X	✓	
3	West	✓	✓	X	X	X	✓ weak	X	X	
4	East	✓	X	X	X	X	✓ weak	X	X	
5	central	✓	X	X	X	X	✓ weak	X	X	
6	Northeast	✓	X	X	✓	X	✓ moderate	X	X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

Details: according to satellite imagery analysis, the northern, western, eastern, central, northeastern, southeastern and northwestern areas have worm Air mass whit (High UTH). The northern, western, northwestern and southwestern areas have dust. The northeastern and northwestern areas have partly cloudy sky. The northern, southern, northeastern, southeastern, northwestern and southwestern areas have moderate water vapor the western, eastern and central areas have weak water vapor. **The southern area has Jetstream.**

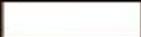
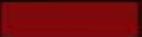
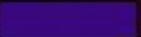
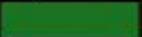
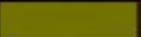
Reported by: Mohammad Jawed Moradi

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

UTC: 2026-02-21 08:15



AirMass

							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

2026-02-21 08:15(UTC)

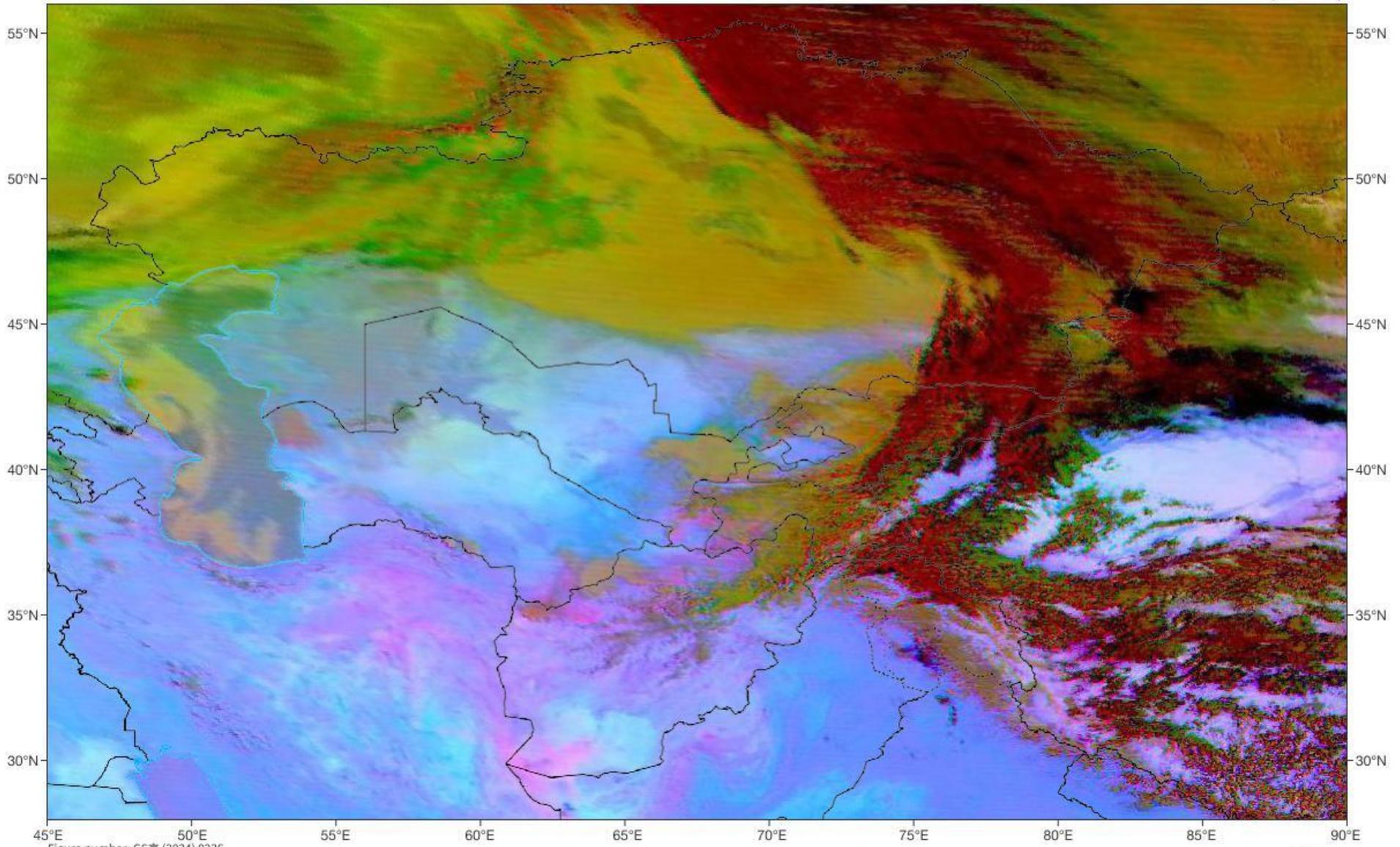


Figure number: GS京 (2024) 0236

Satellite/Sensor : FY-4B/AGRI



- dust
- cirrus cloud
- cold, thick altostratus
- thick mesospheric cloud
- cirrus clouds over the desert
- desert
- low altitude humid air (~700hpa)
- low altitude dry air

Cloud Top Height

2026-02-21 08:15(UTC)

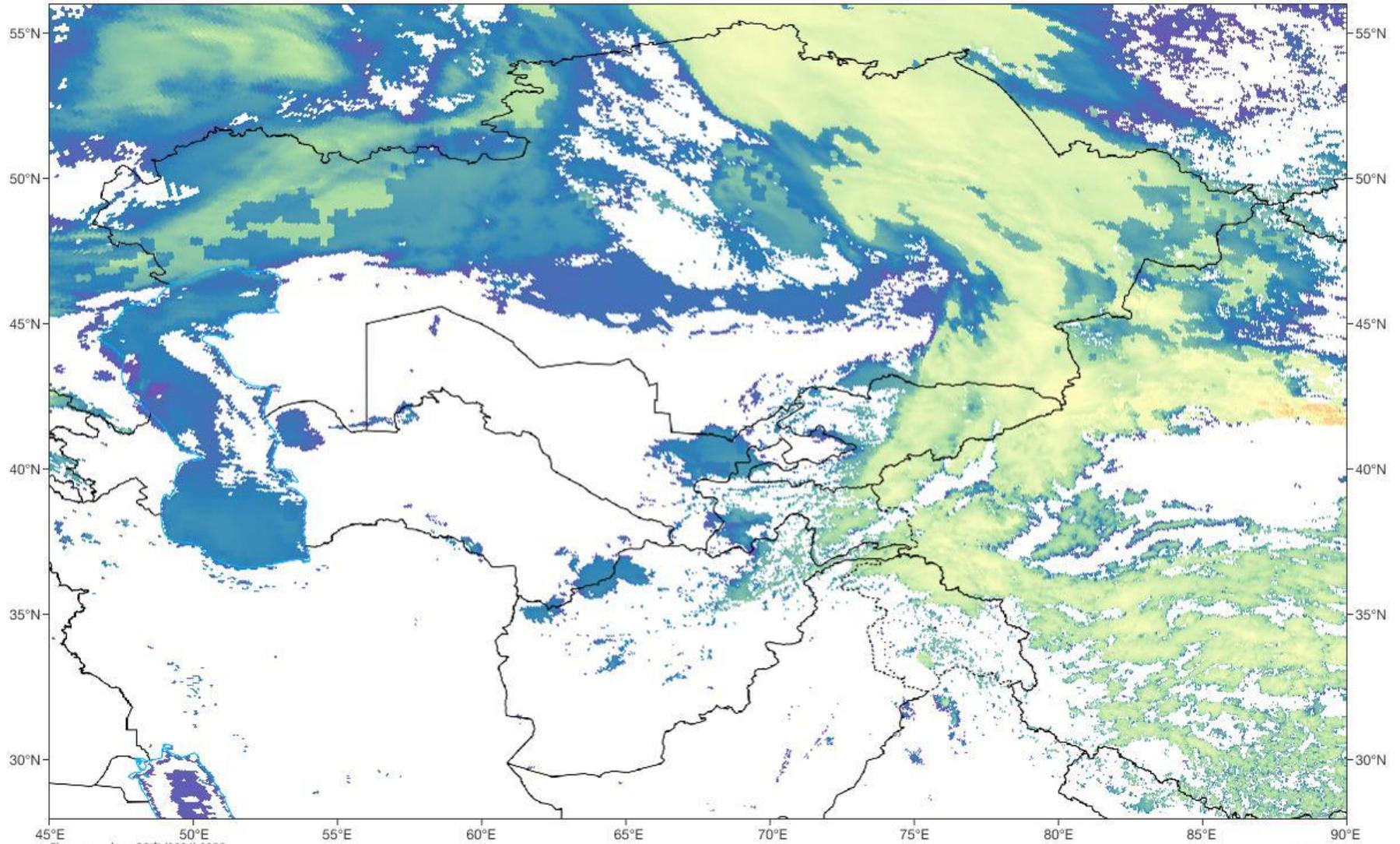
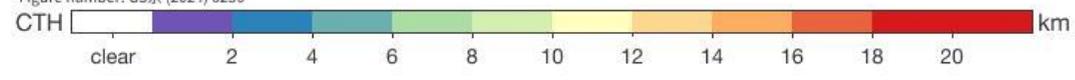


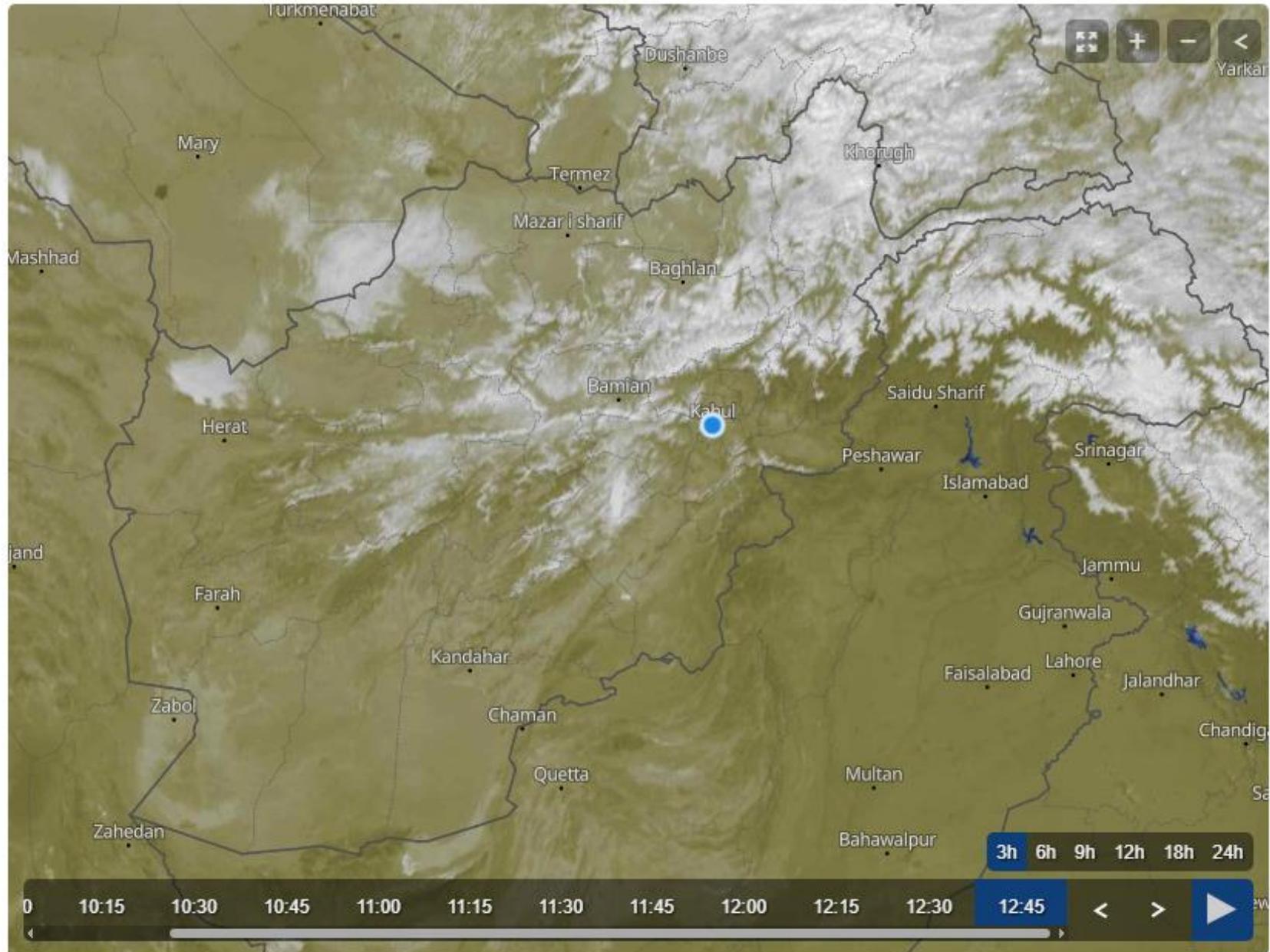
Figure number: GS京 (2024) 0236



Satellite/Sensor : FY-4B/AGRI

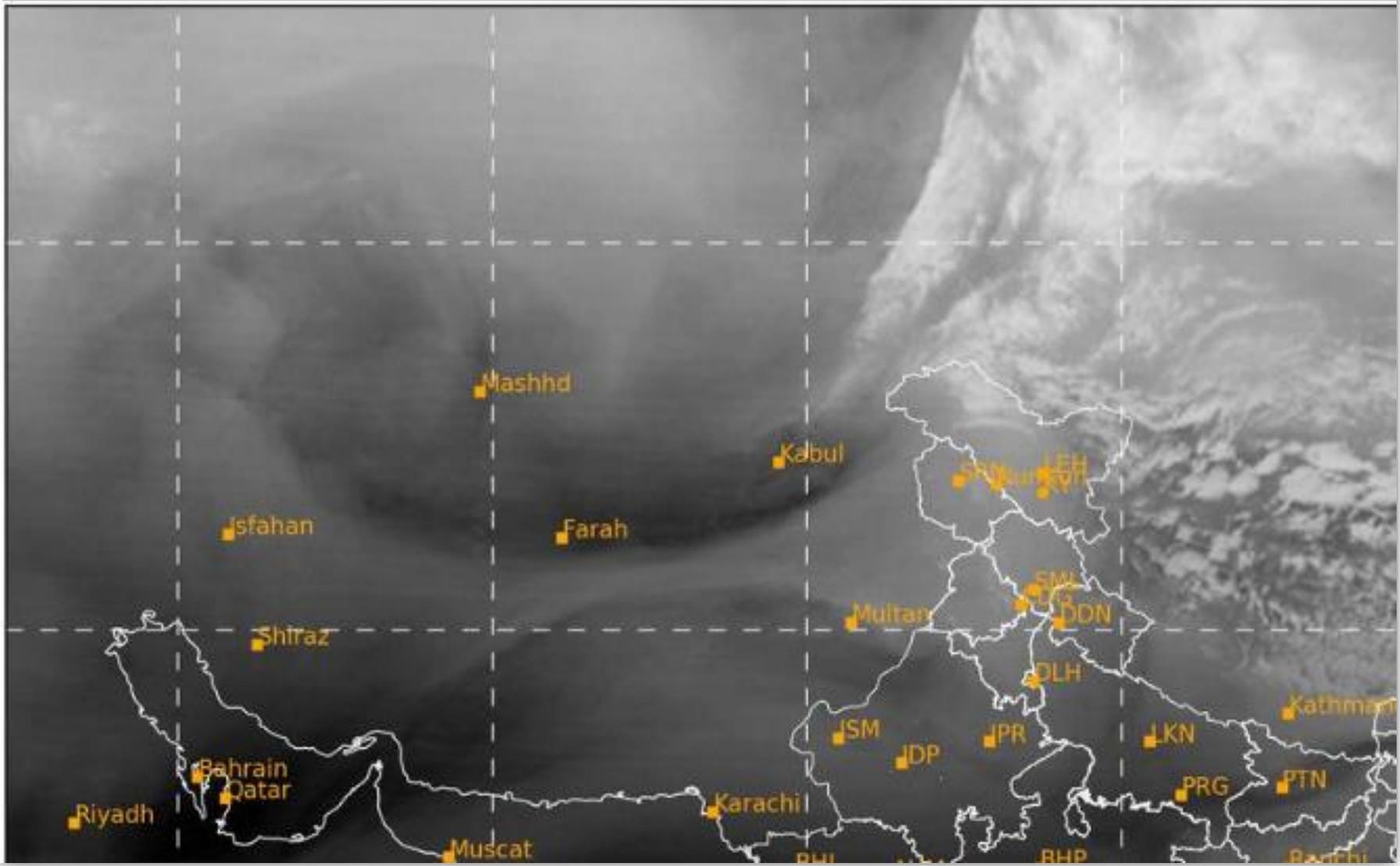


Live satellite map, Afghanistan



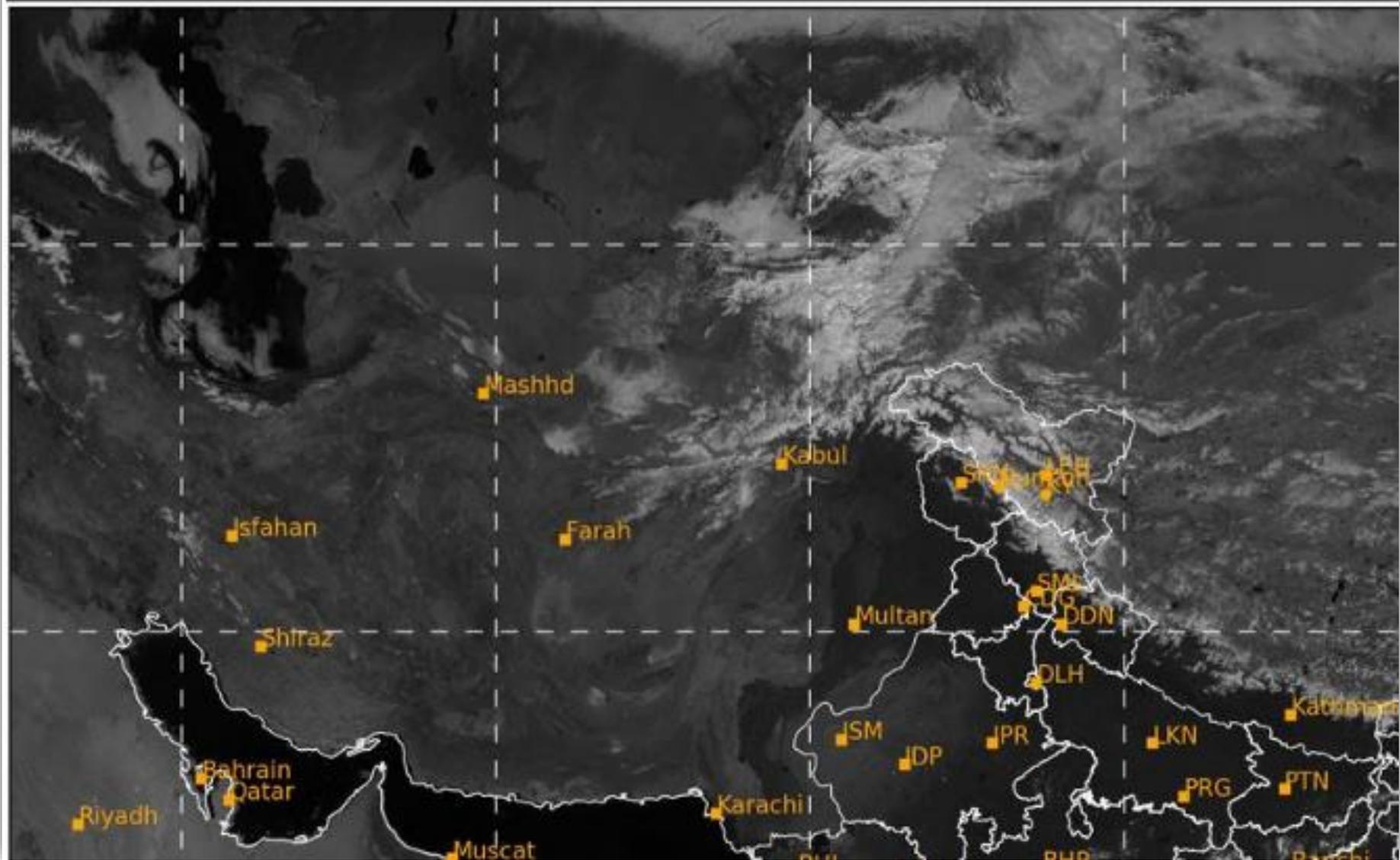
SAT : INSAT-3DR IMG
IMG_WV 6.8 um
LIC Mercator

21-02-2026/(0715 to 0742) GMT
21-02-2026/(1245 to 1312) IST



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

21-02-2026/(0715 to 0742) GMT
21-02-2026/(1245 to 1312) IST



Fog Identification

2026-02-19 08:15(UTC)

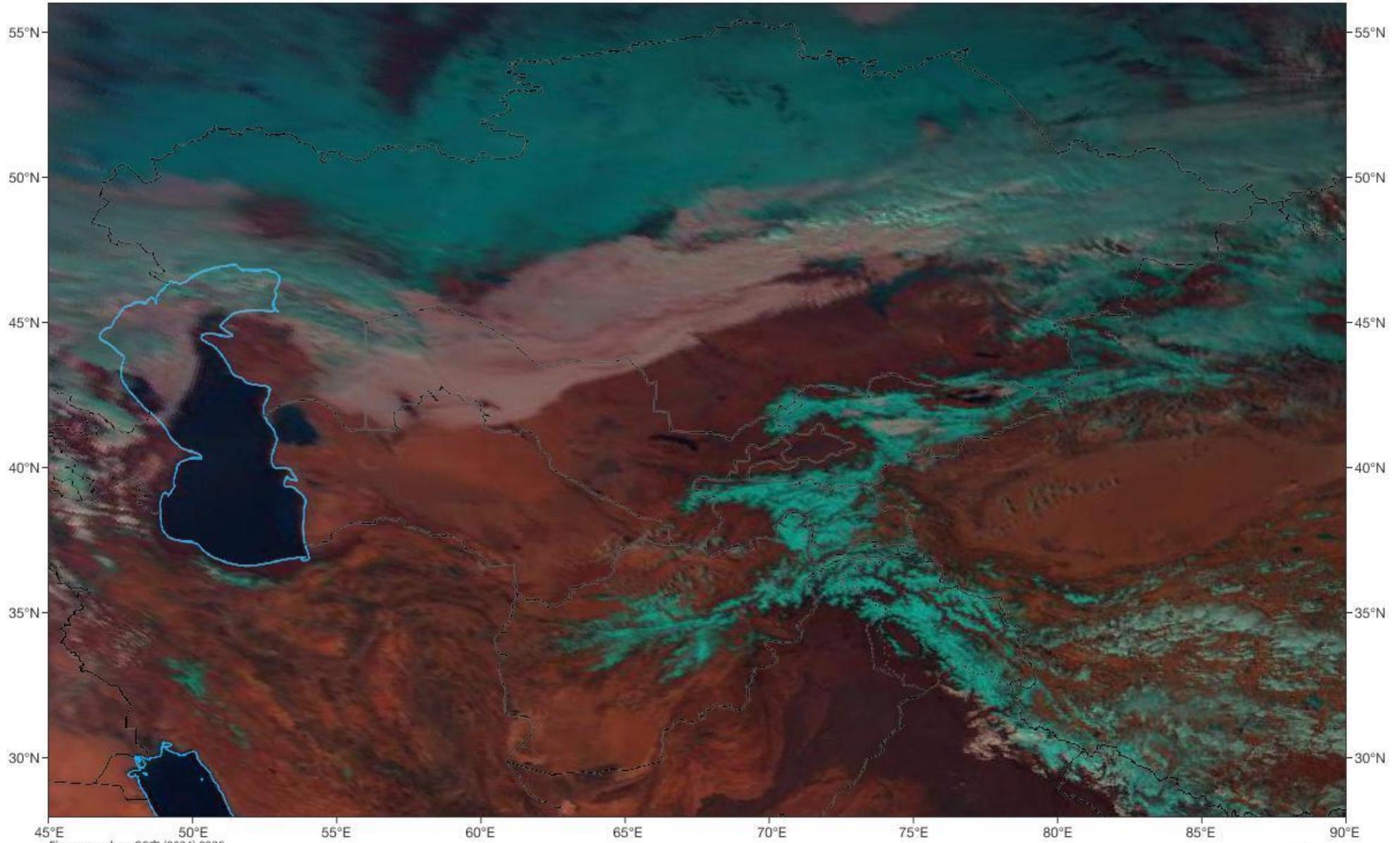
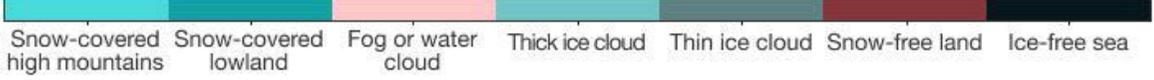


Figure number: G5京(2024) 0236



Satellite/Sensor : FY-4B/AGRI

