



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



Daily reports of Satellite imagery analysis. Date & Time: 19-02-2026, 08:30 UTC

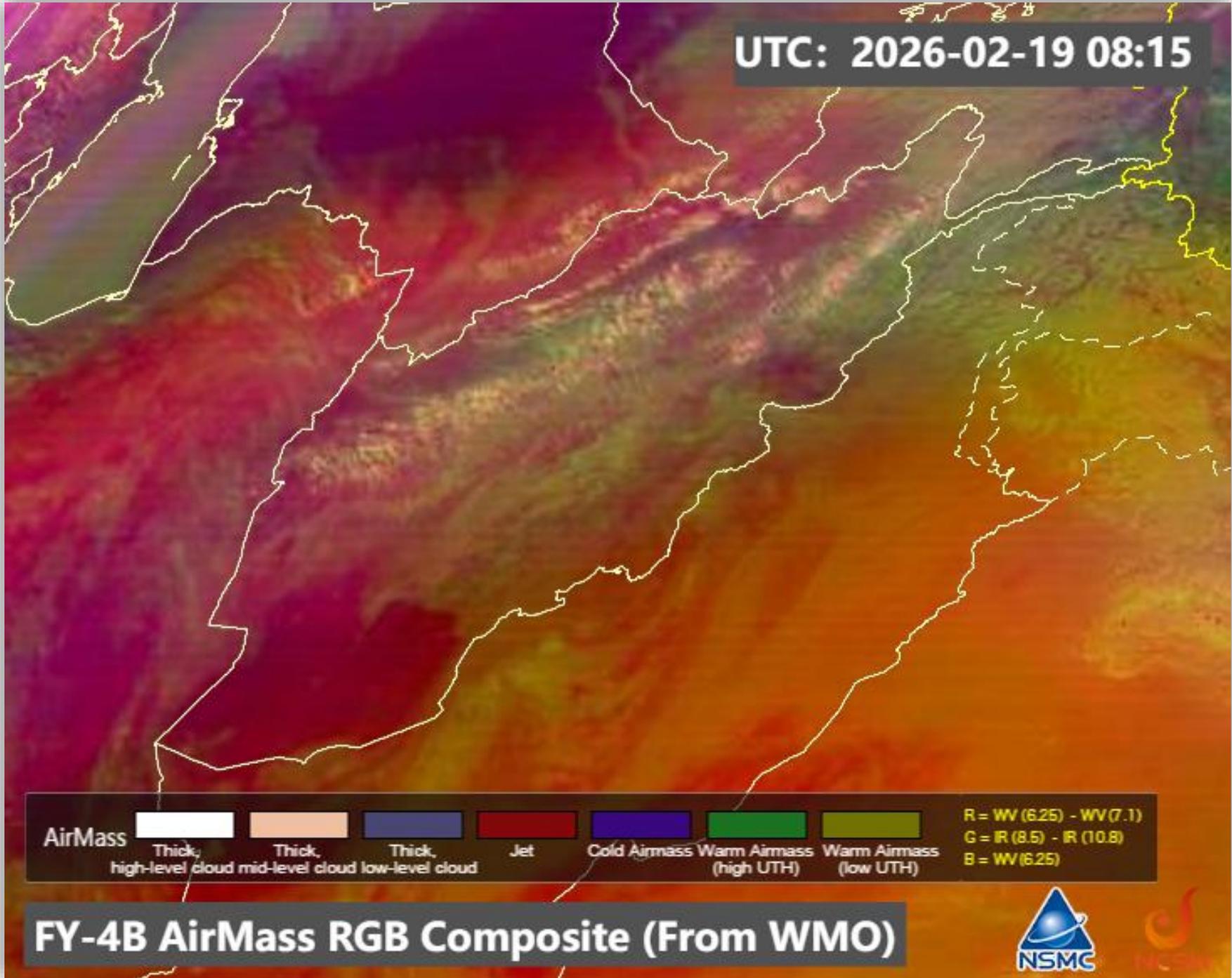
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	X	X	X	X	✓ moderate	X	X	
2	South	X	X	X	X	X	✓ weak	X	✓	
3	West	X	X	X	X	X	✓ moderate	X	✓	
4	East	✓	X	X	X	X	✓ weak	X	✓	
5	central	✓	X	X	X	X	✓ moderate	X	X	
6	Northeast	✓	X	X	X	X	✓ moderate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

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

Reported by: Mohammad Jawed Moradi

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

UTC: 2026-02-19 08:15



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

2026-02-19 08:15(UTC)

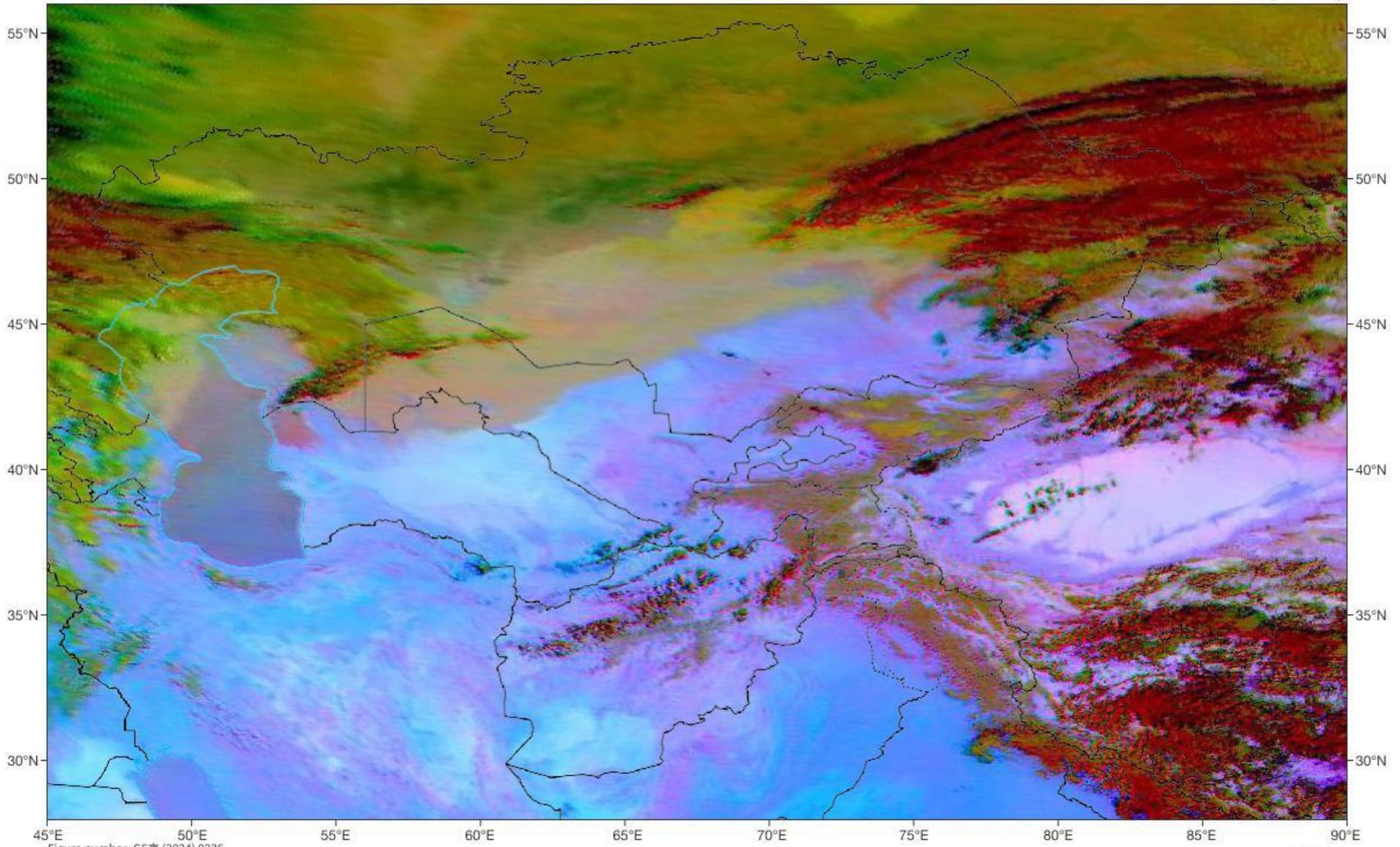


Figure number: GS京 (2024) 0236

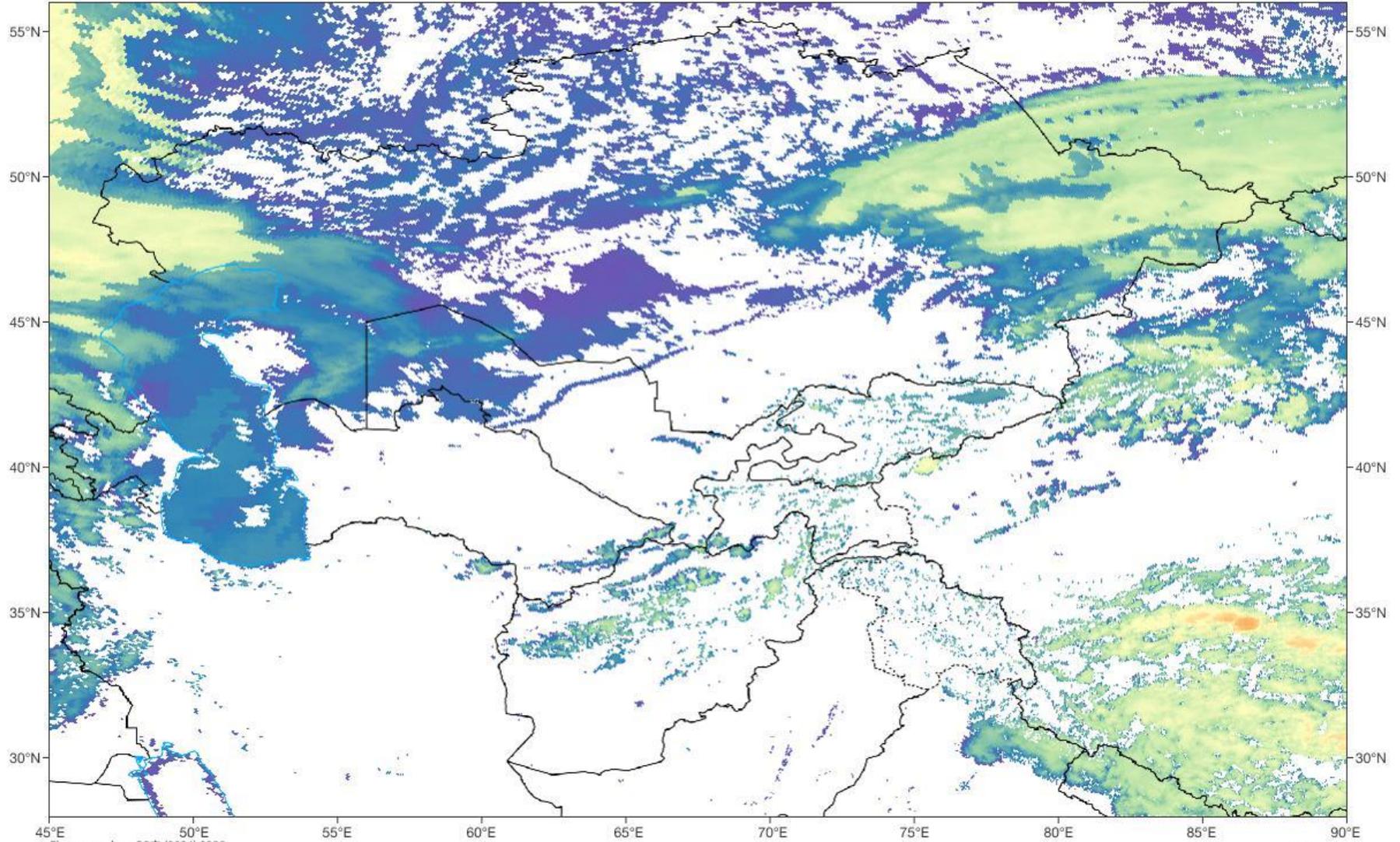
Satellite/Sensor : FY-4B/AGRI



- 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

2026-02-19 08:15(UTC)



CTH

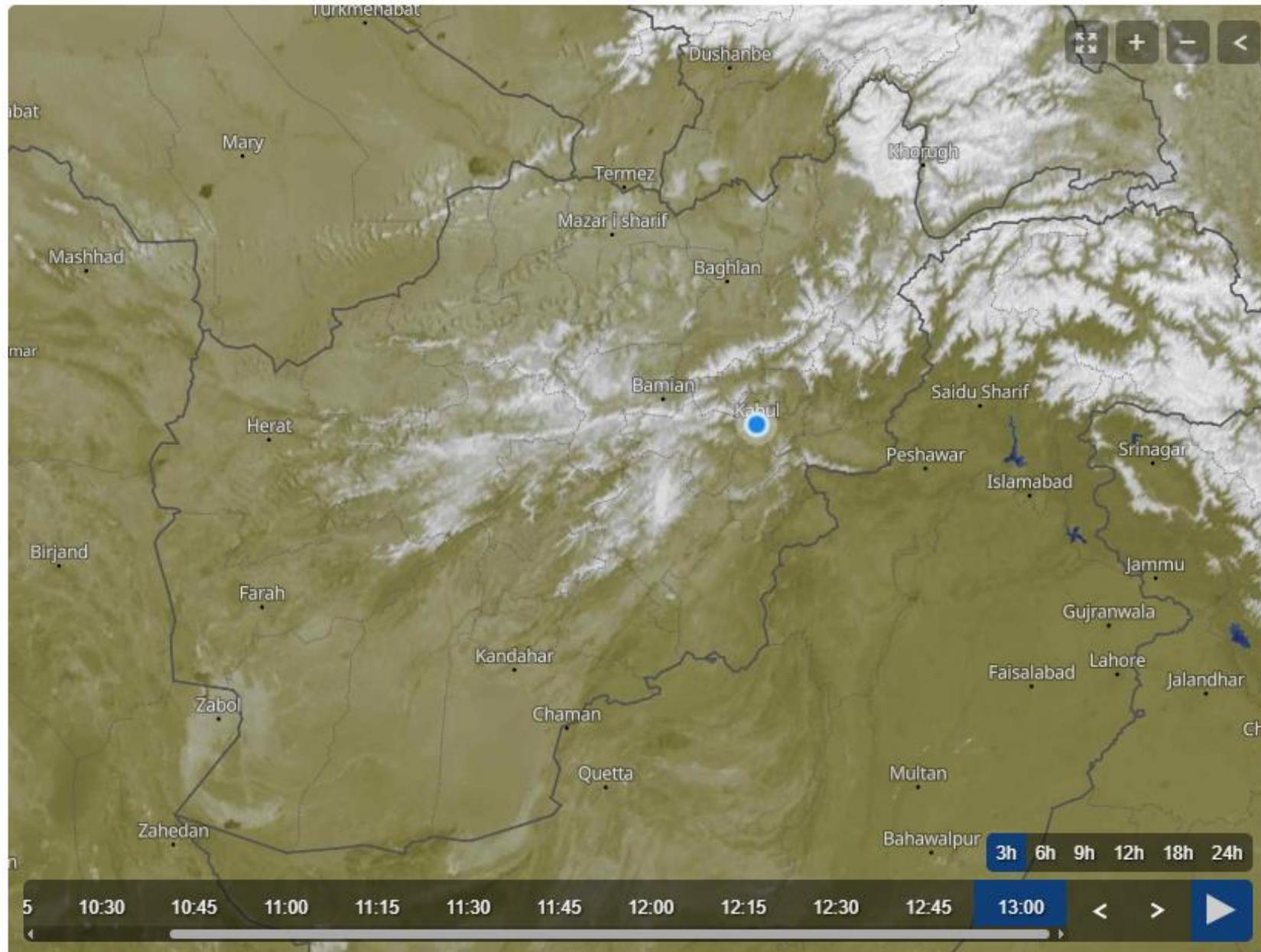
clear	2	4	6	8	10	12	14	16	18	20
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 km

Satellite/Sensor : FY-4B/AGRI

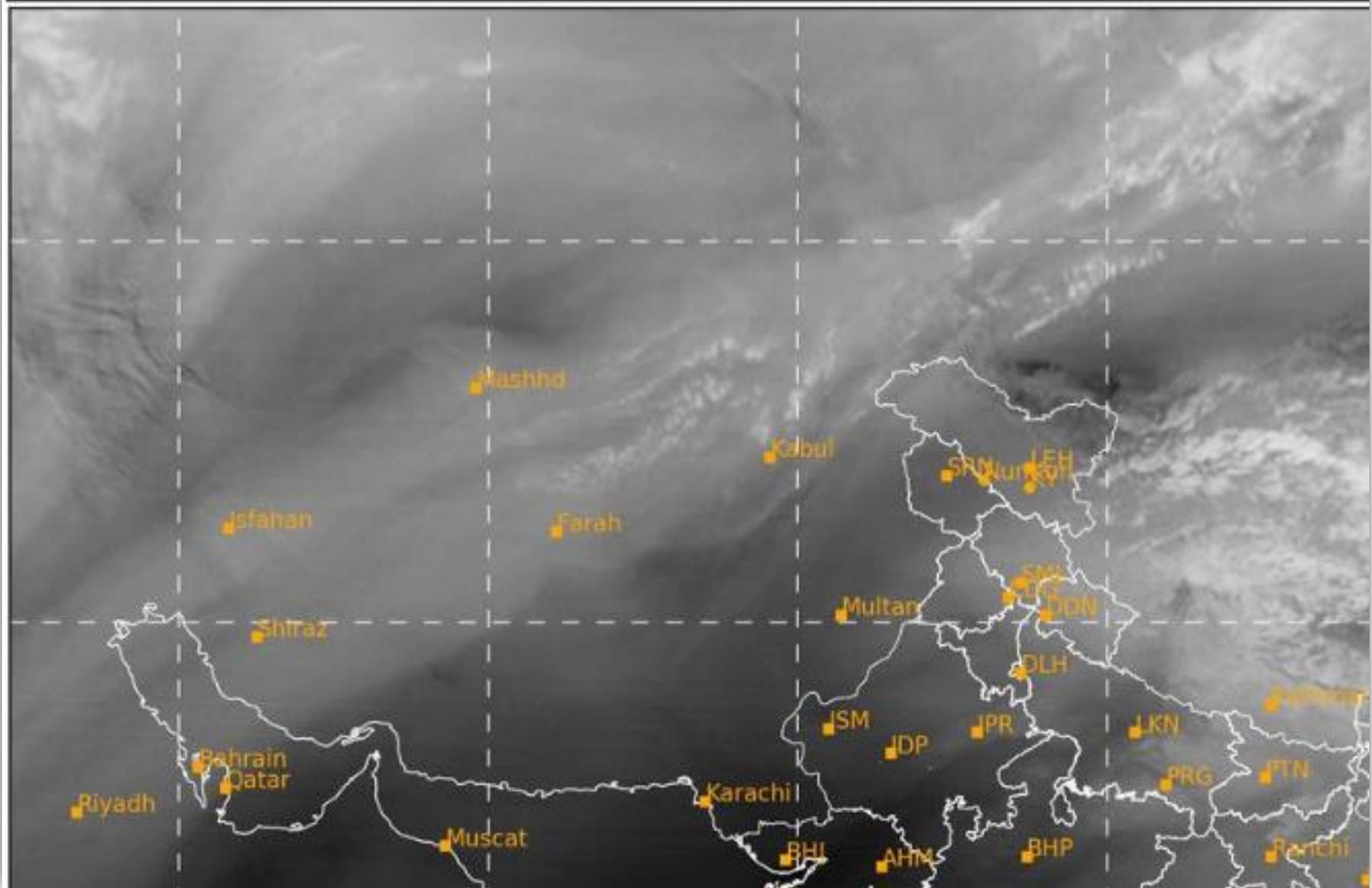


Live satellite map, Afghanistan



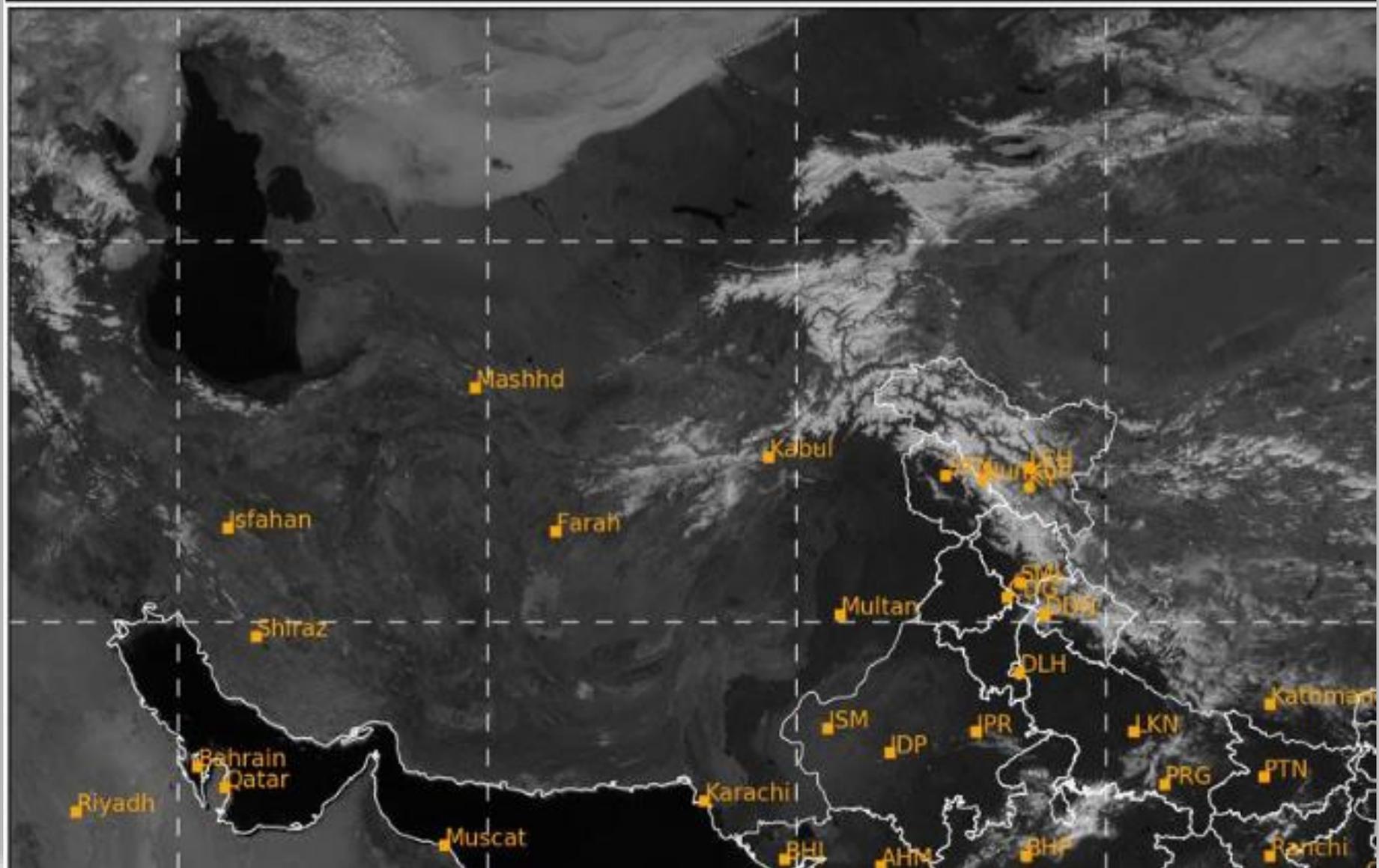
SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

19-02-2026/(0715 to 0742) GMT
19-02-2026/(1245 to 1312) IST



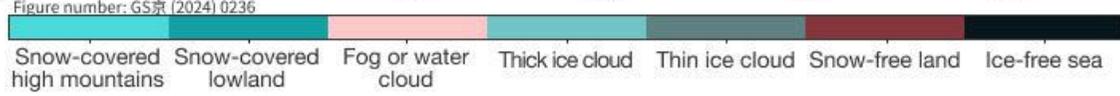
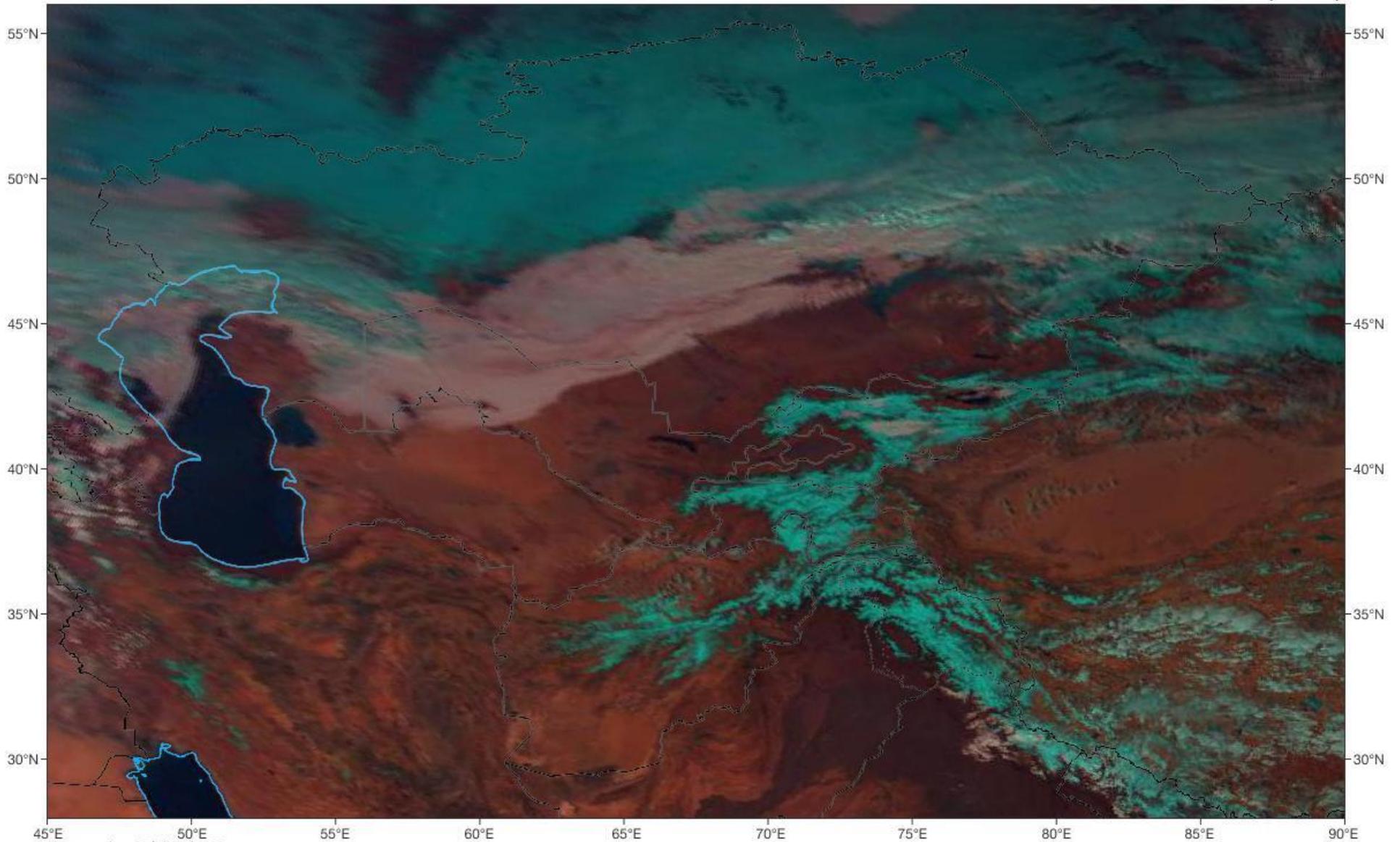
SAT : INSAT-3DR IMG
Visible Count 0.65 um
LIC Mercator

19-02-2026/(0715 to 0742) GMT
19-02-2026/(1245 to 1312) IST



Fog Identification

2026-02-19 08:15(UTC)



Satellite/Sensor : FY-4B/AGRI

