



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, 03:00 UTC

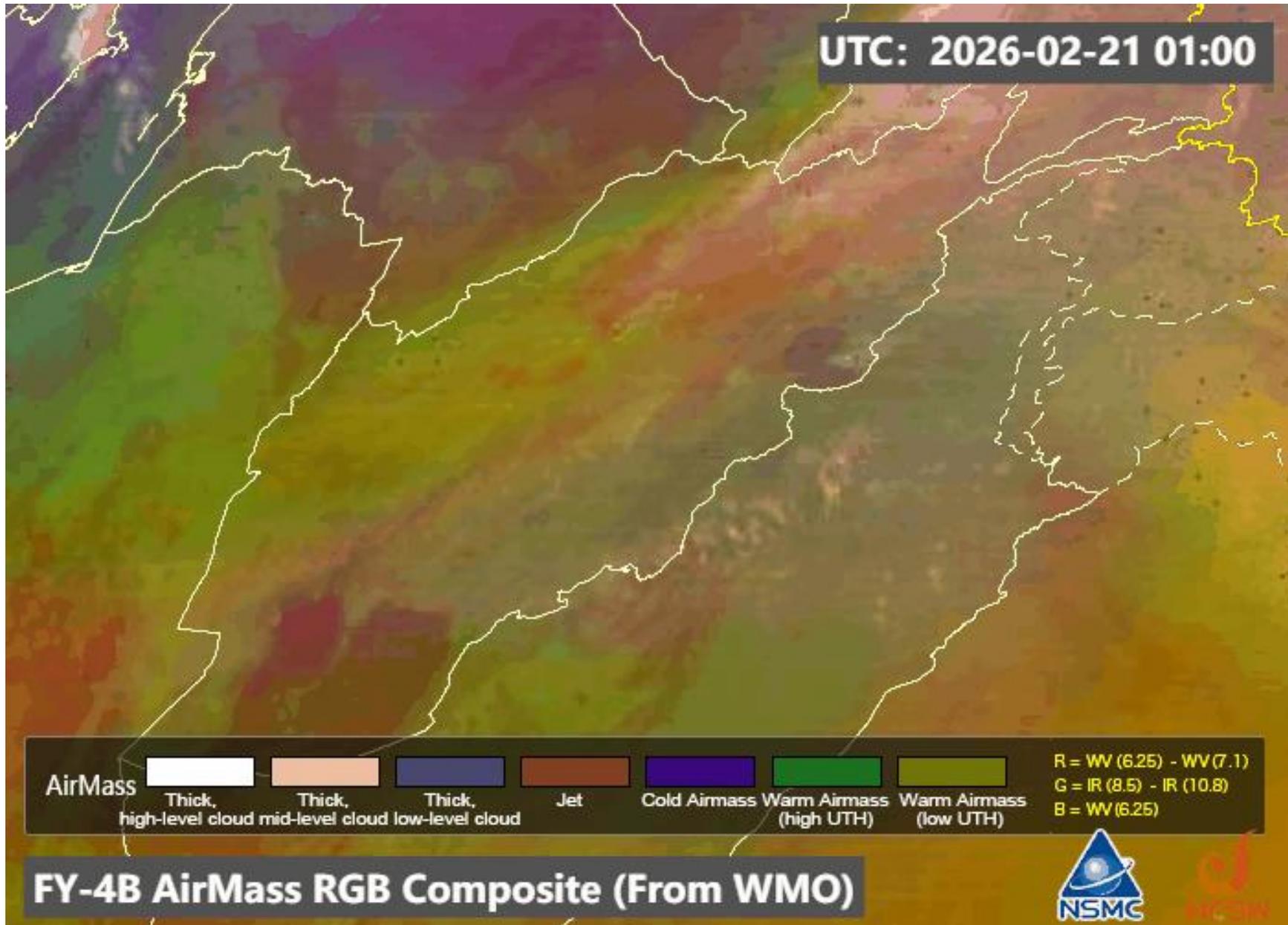
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jet stream	Comments
1	North	√	√	X	√	X	√ Moderate	X	X	
2	South	√	X	X	X	X	√ Weak	X	X	
3	West	√	√	X	X	X	√ Weak	X	X	
4	East	√	X	X	X	X	√ Moderate	X	X	
5	central	√	X	X	X	X	√ Weak	X	X	
6	Northeast	√	X	X	√	X	√ Moderate	X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

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

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

- Reported by: Sayed Taher Atlas

UTC: 2026-02-21 01:00

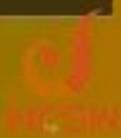


AirMass

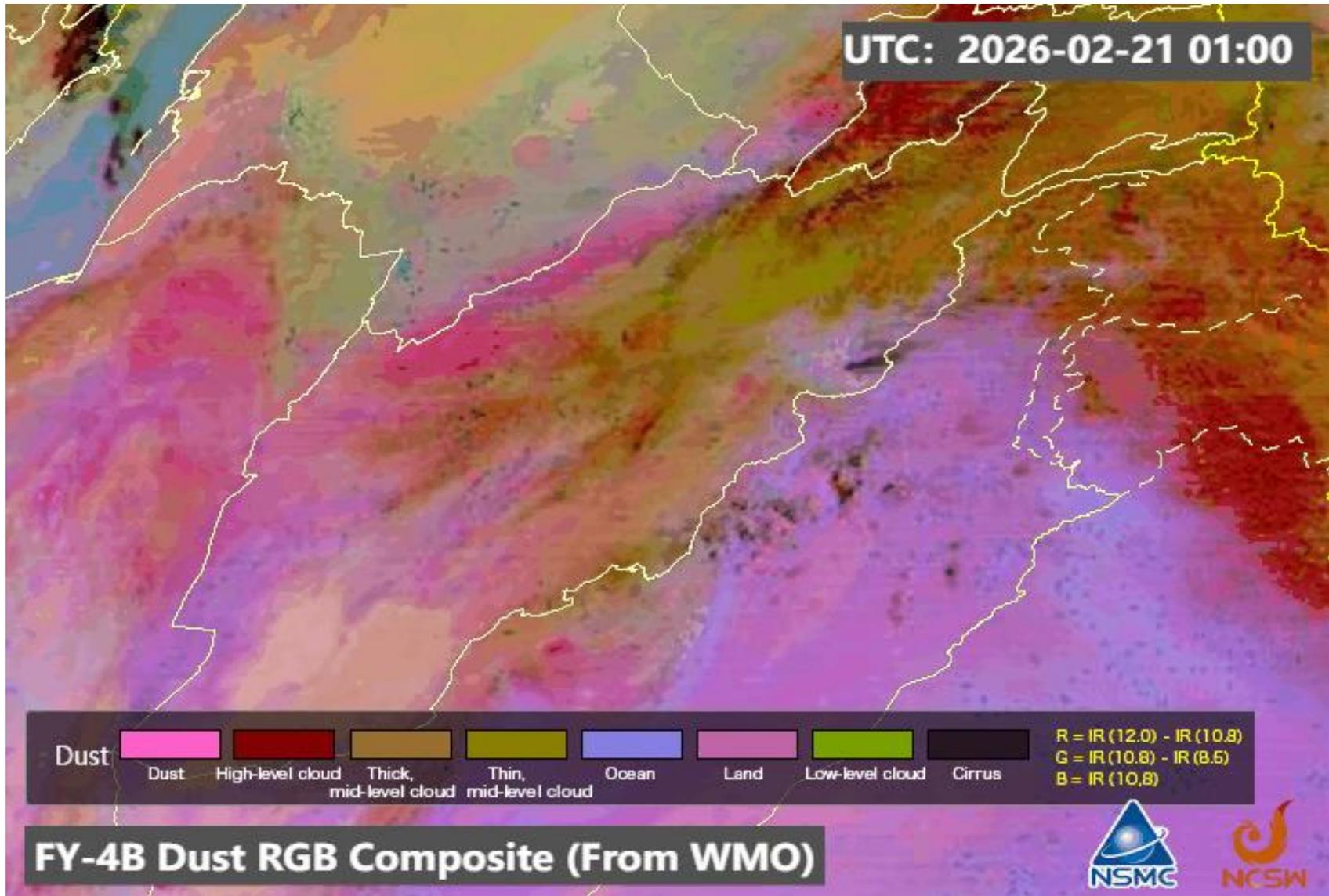
Thick, high-level cloud	Thick, mid-level cloud	Thick, low-level cloud	Jet	Cold Airmass	Warm Airmass (high UTH)	Warm Airmass (low UTH)

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

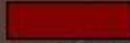
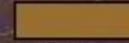
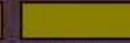
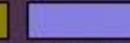
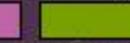
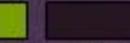
FY-4B AirMass RGB Composite (From WMO)



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Dust

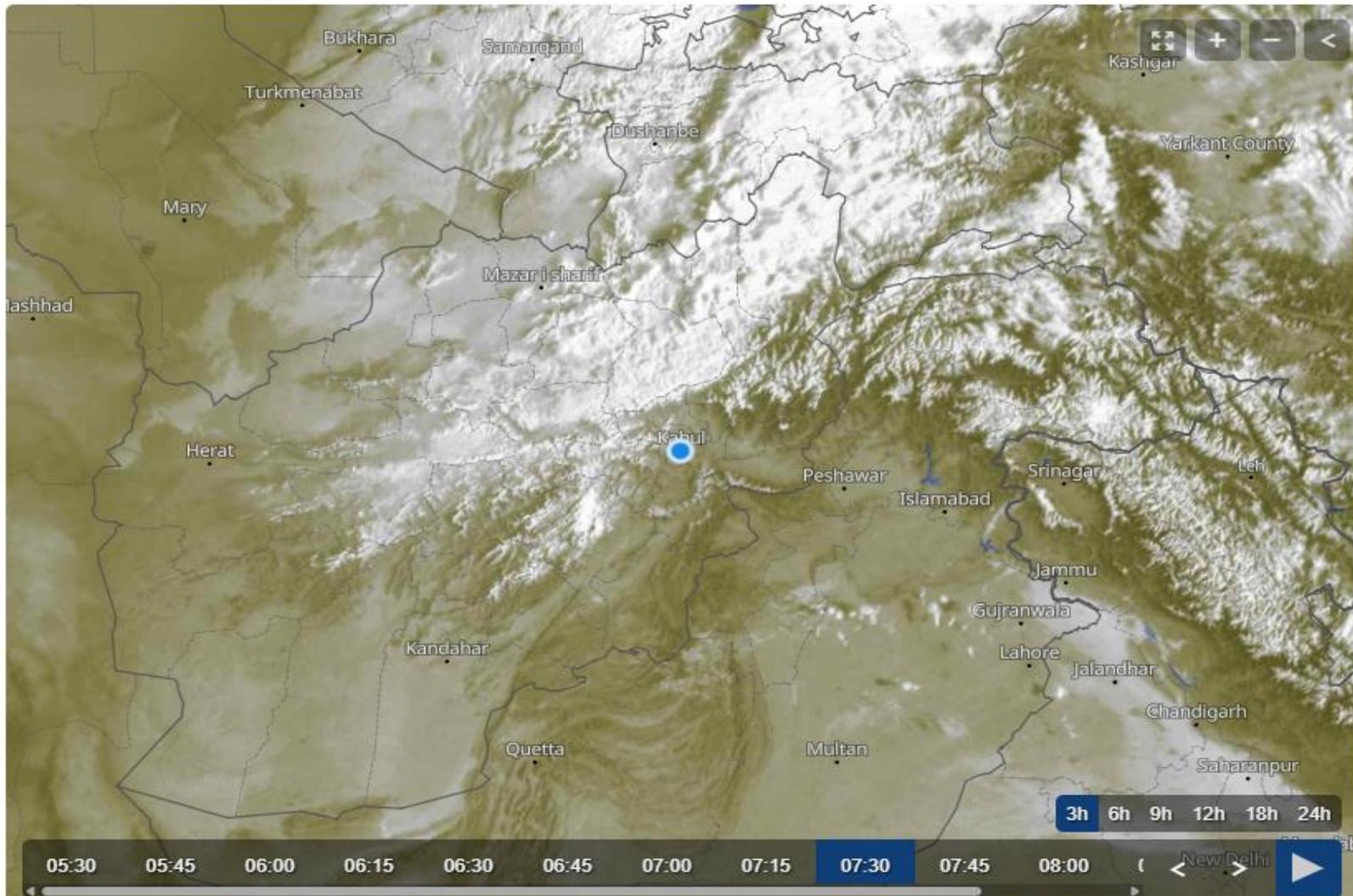
							
Dust	High-level cloud	Thick, mid-level cloud	Thin, mid-level cloud	Ocean	Land	Low-level cloud	Cirrus

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)

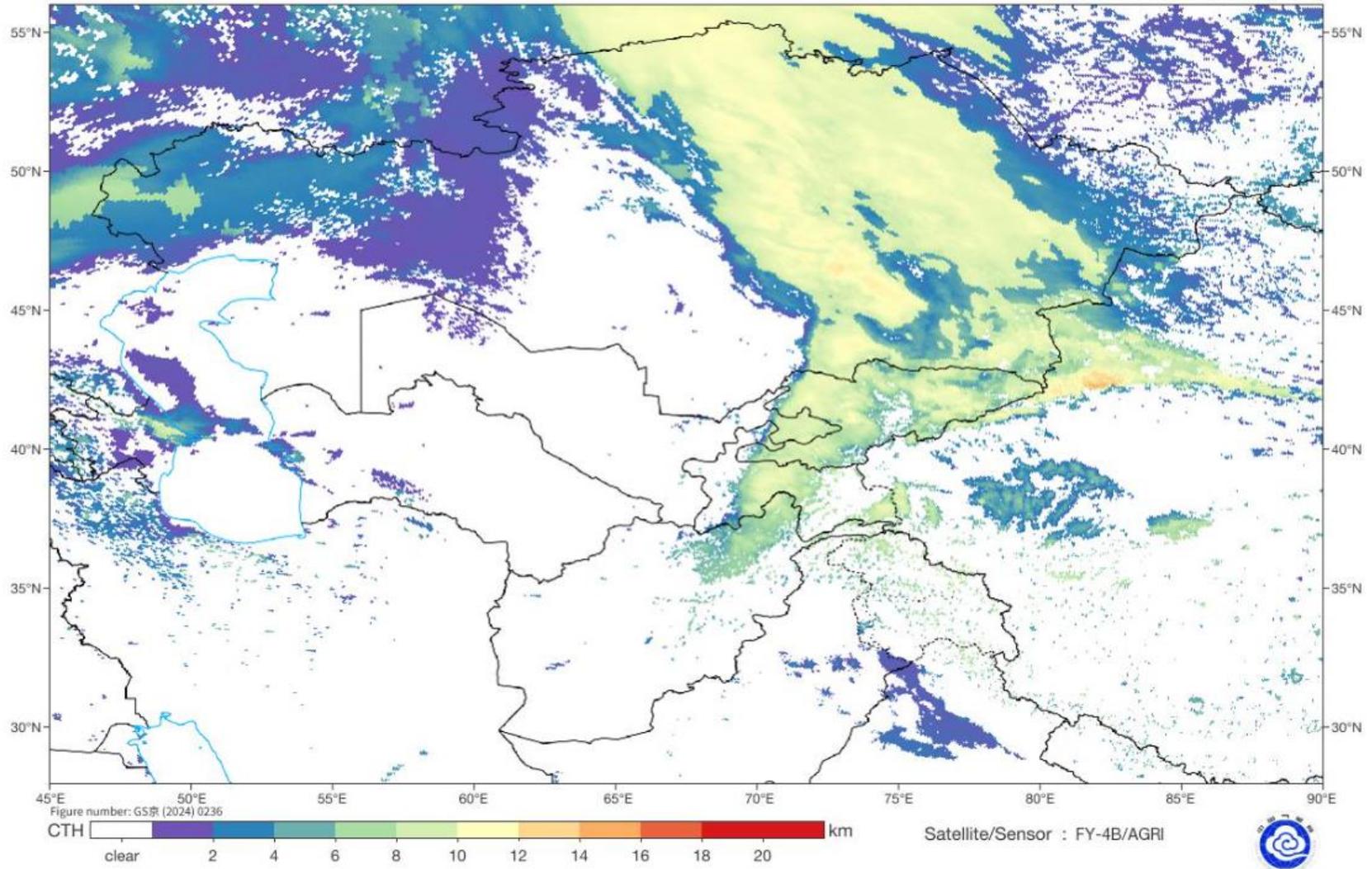


Live satellite map, Afghanistan



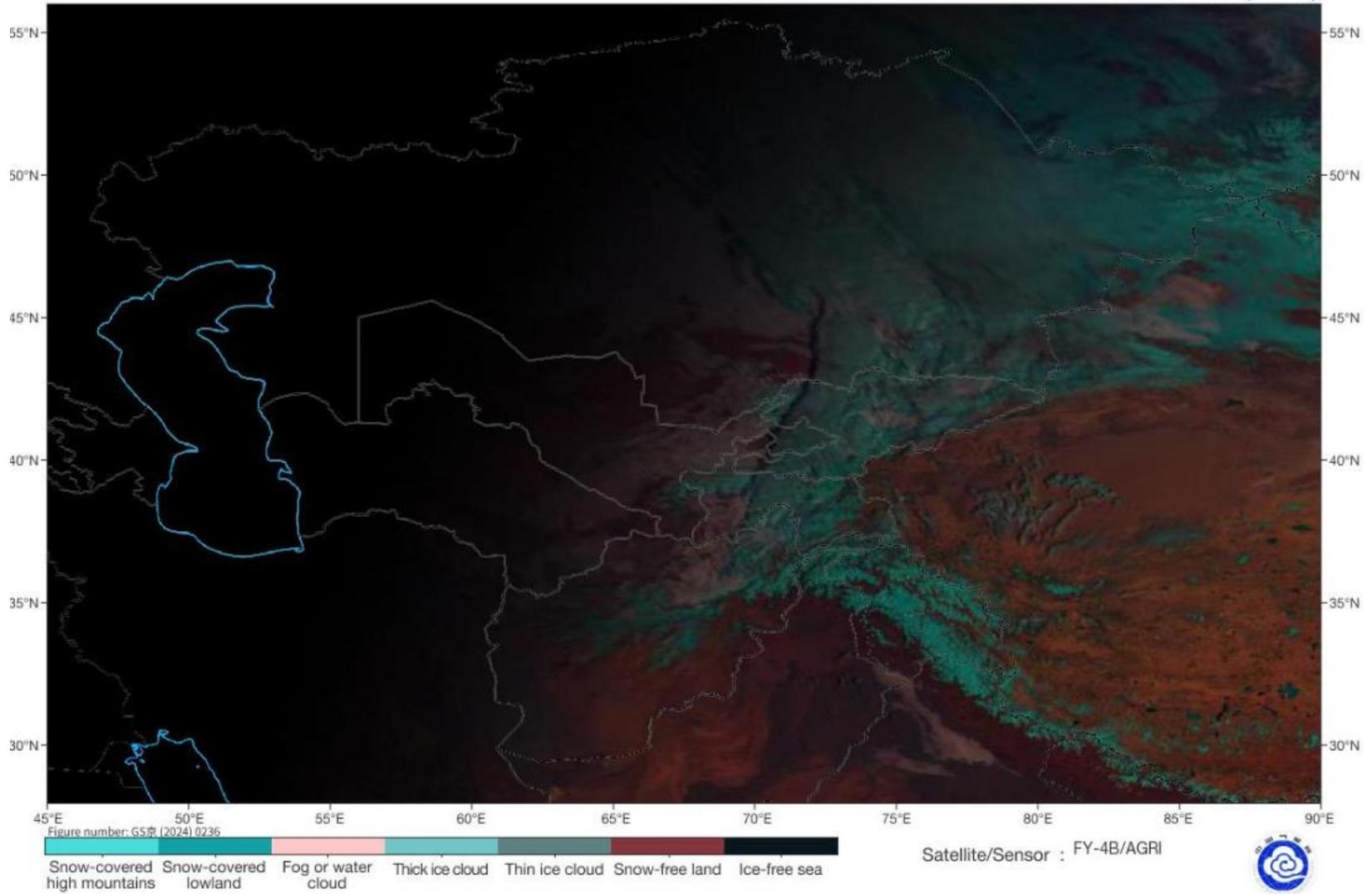
Cloud Top Height

2026-02-21 03:00(UTC)



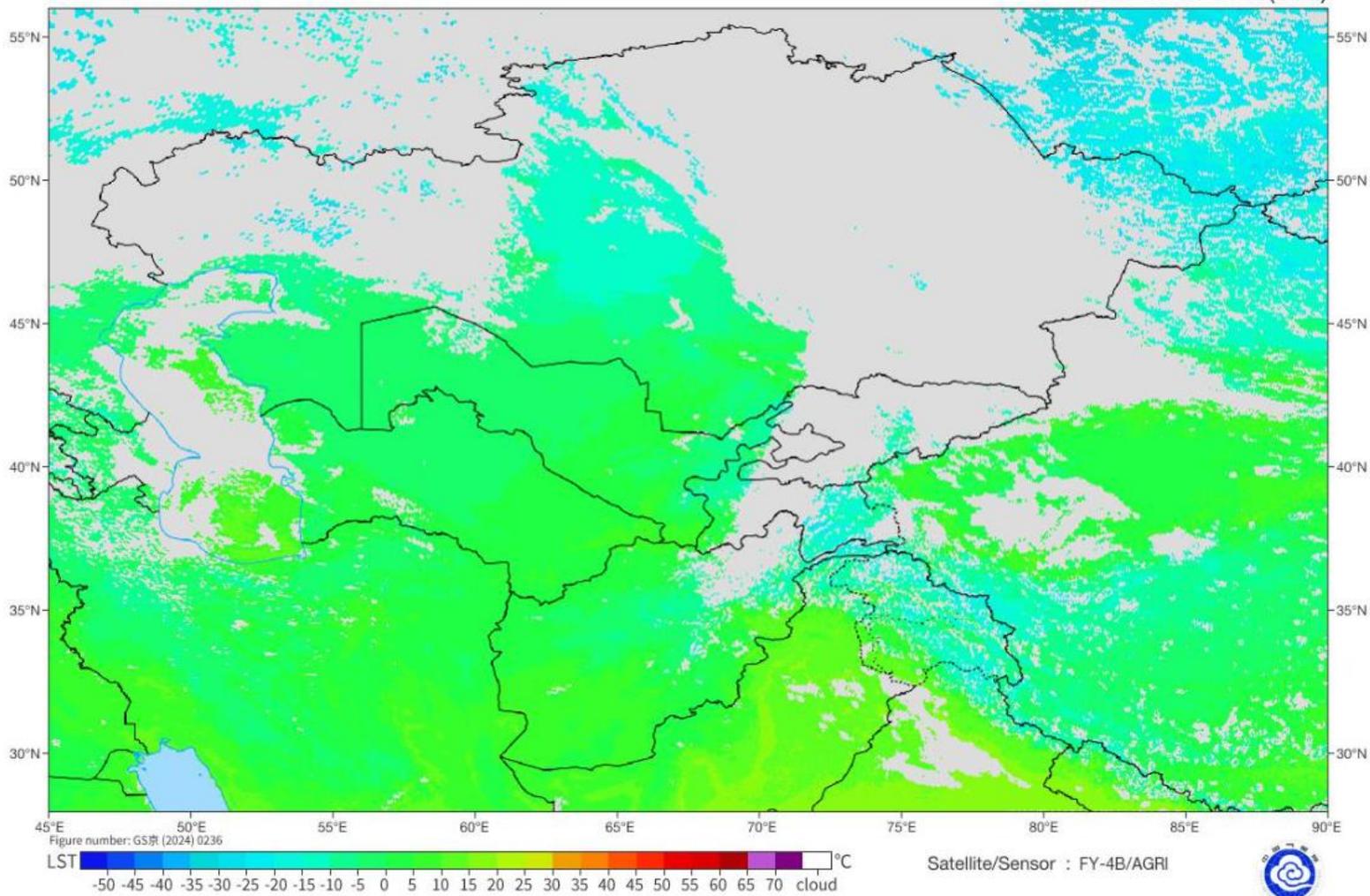
Fog Identification

2026-02-21 03:30(UTC)



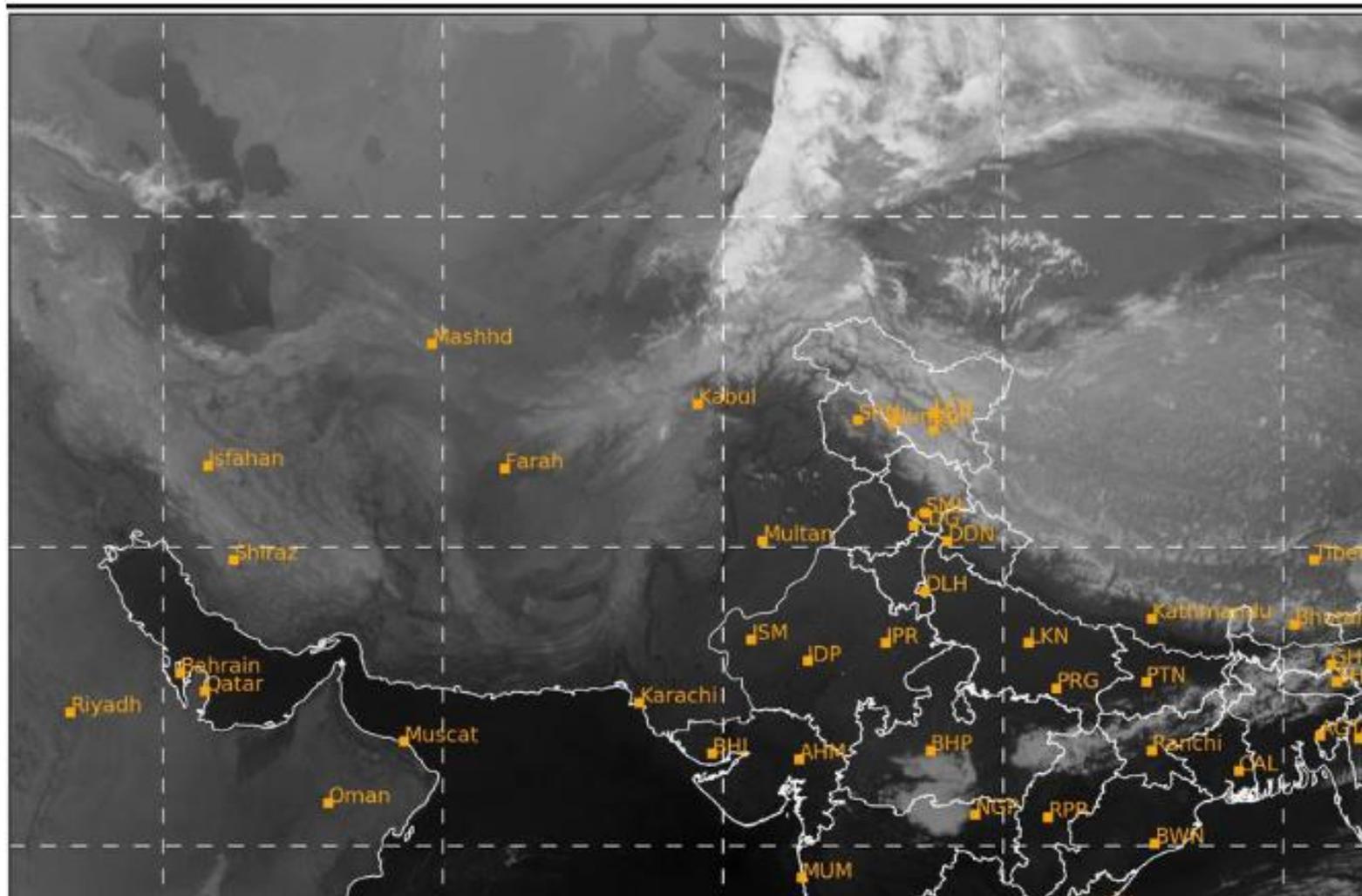
Land Surface Temperature

2026-02-21 03:00(UTC)



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

21-02-2026/(0245 to 0312) GMT
21-02-2026/(0815 to 0842) IST



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

21-02-2026/(0245 to 0312) GMT
21-02-2026/(0815 to 0842) IST

