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

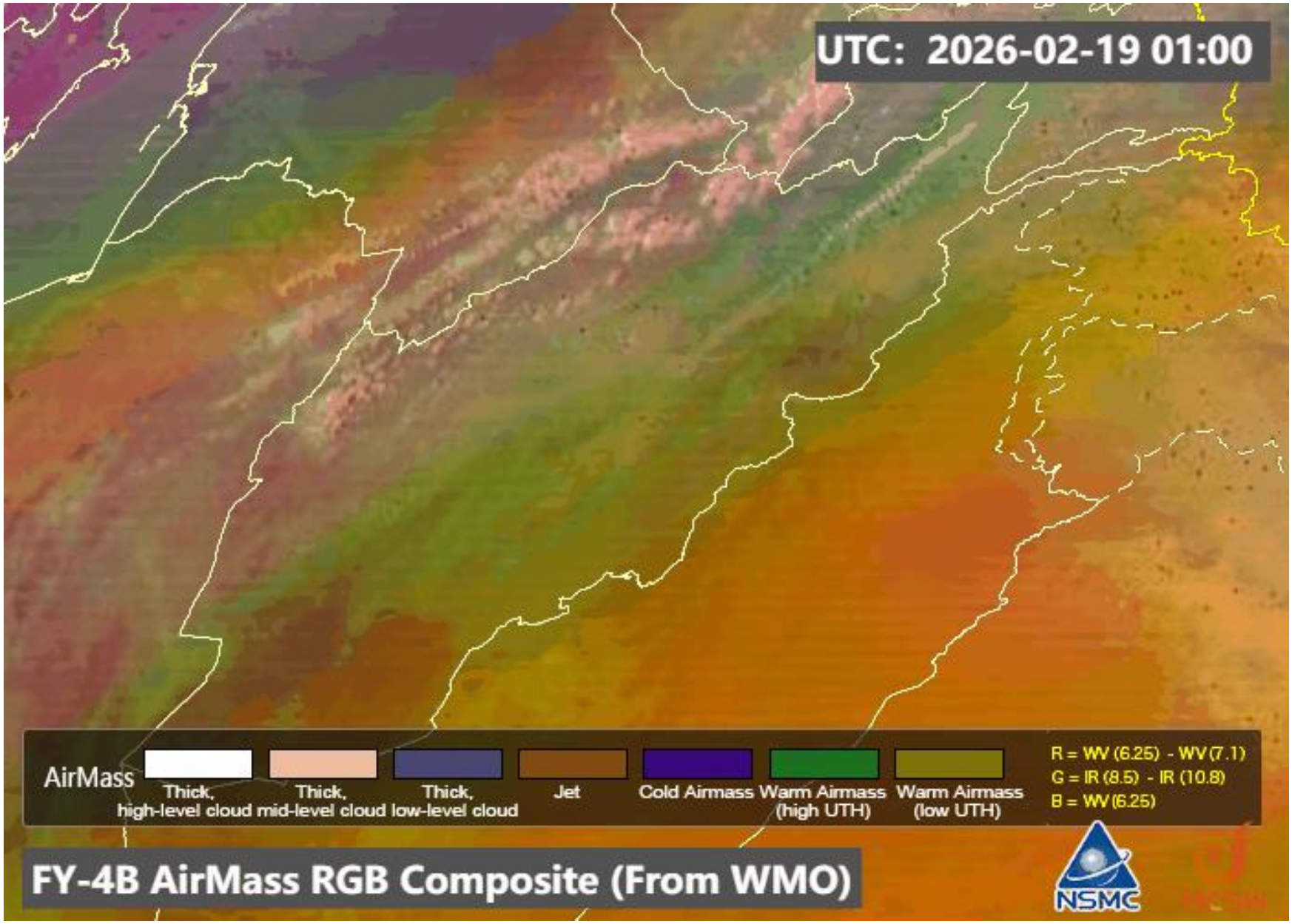
Daily reports of Satellite imagery analysis. Date & Time: 19/02/2026, 03:00 UTC

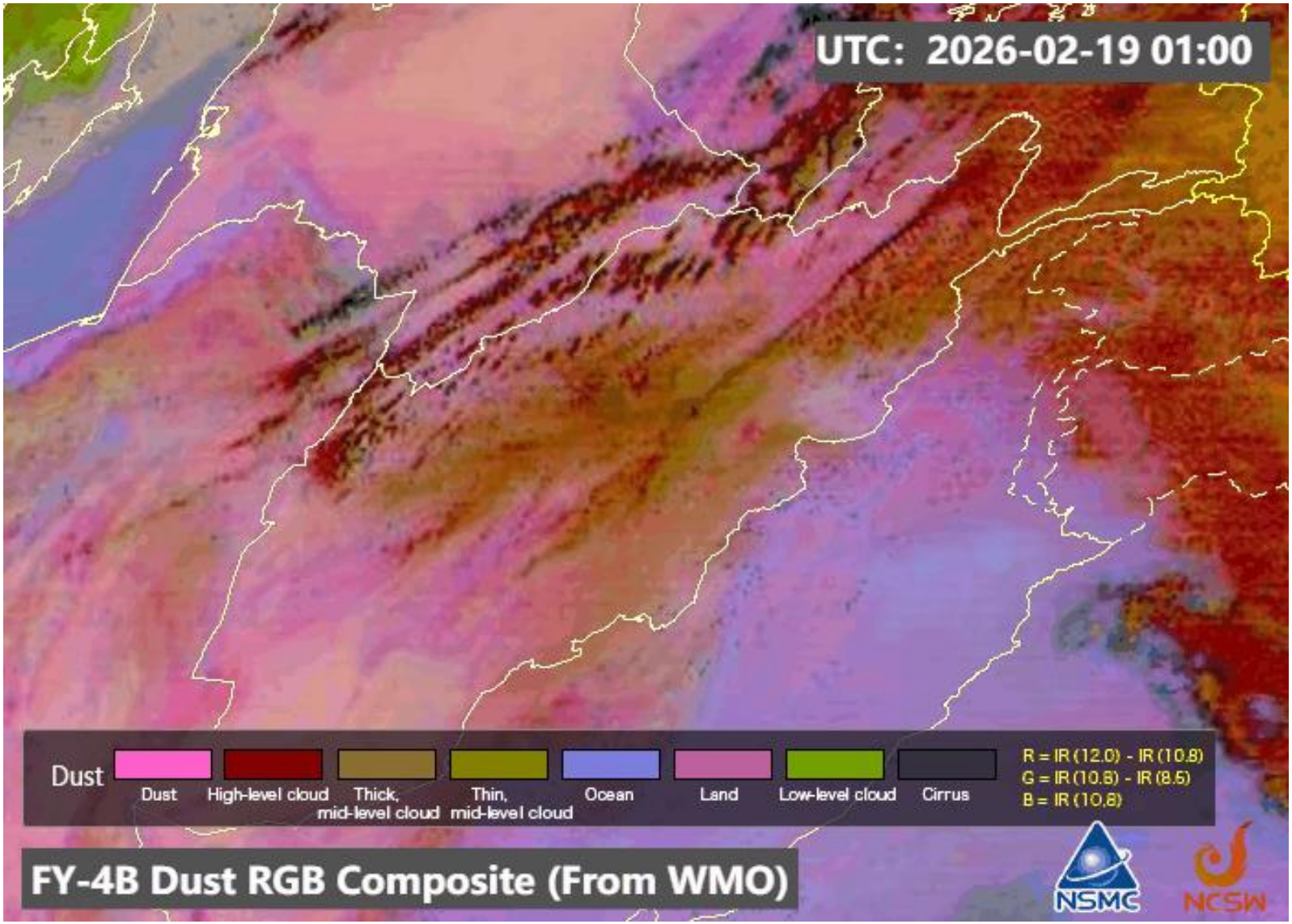
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jet stream	Comments
1	North	√	X	X	√	X	√ Moderate	X	X	
2	South	√	X	X	X	X	√ Weak	X	X	
3	West	√	X	X	X	X	√ Moderate	X	X	
4	East	√	X	X	X	X	√ Moderate	X	X	
5	central	√	X	X	X	X	√ Moderate	X	X	
6	Northeast	√	X	X	X	X	√ Moderate	X	X	
7	Southeast	√	X	X	X	X	√ Moderate	X	X	
8	Northwest	√	X	X	√	X	√ Moderate	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 and southwestern areas have cloudy sky. The northern, western, eastern, central, northeastern, southeastern, and northwestern areas have moderate water vapor. The southern and southwestern areas have weak water vapor.

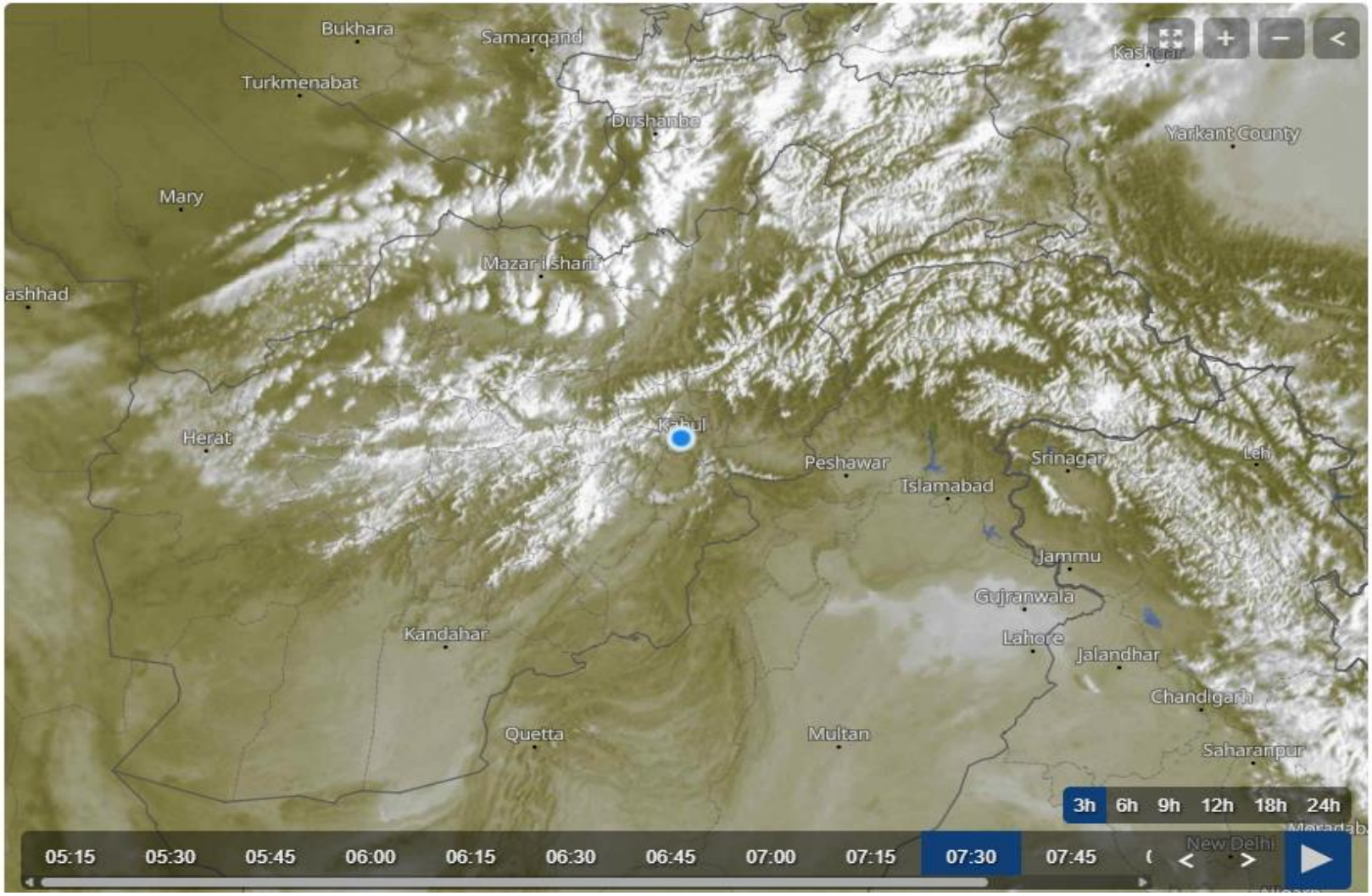
Note: X (Not existing phenomena), √ (exist phenomena)

- Reported by: Sayed Taher Atlas


UTC: 2026-02-19 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)
NSMC

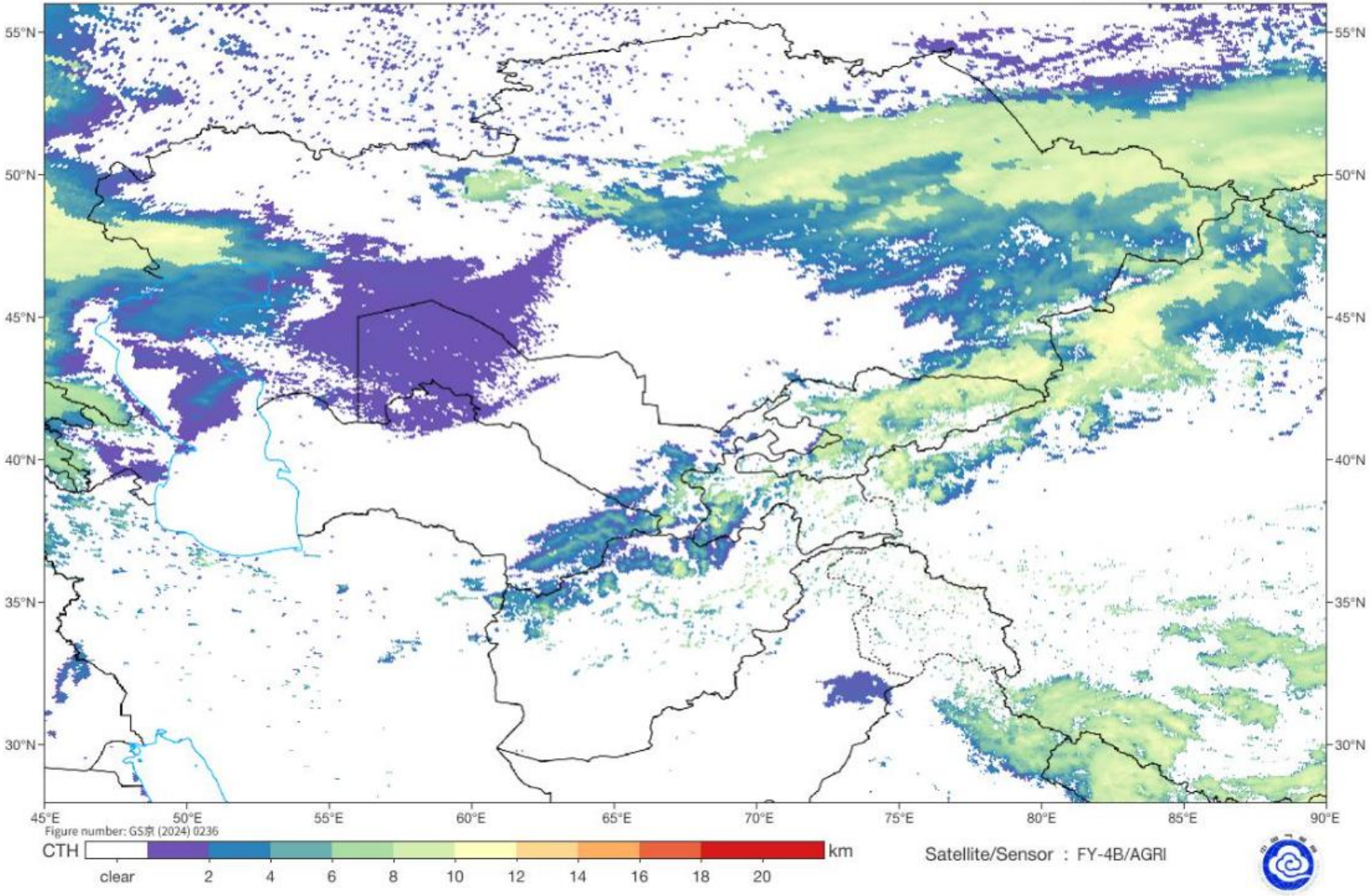

UTC: 2026-02-19 01:00
Dust
Dust
High-level cloud
Thick, mid-level cloud
Thin, mid-level cloud
Ocean
Land
Low-level cloud
Cirrus
R = IR (12.0) - IR (10.8)
G = IR (10.8) - IR (8.5)
B = IR (10.8)
FY-4B Dust RGB Composite (From WMO)
NSMC
NCSW

Live satellite map, Afghanistan



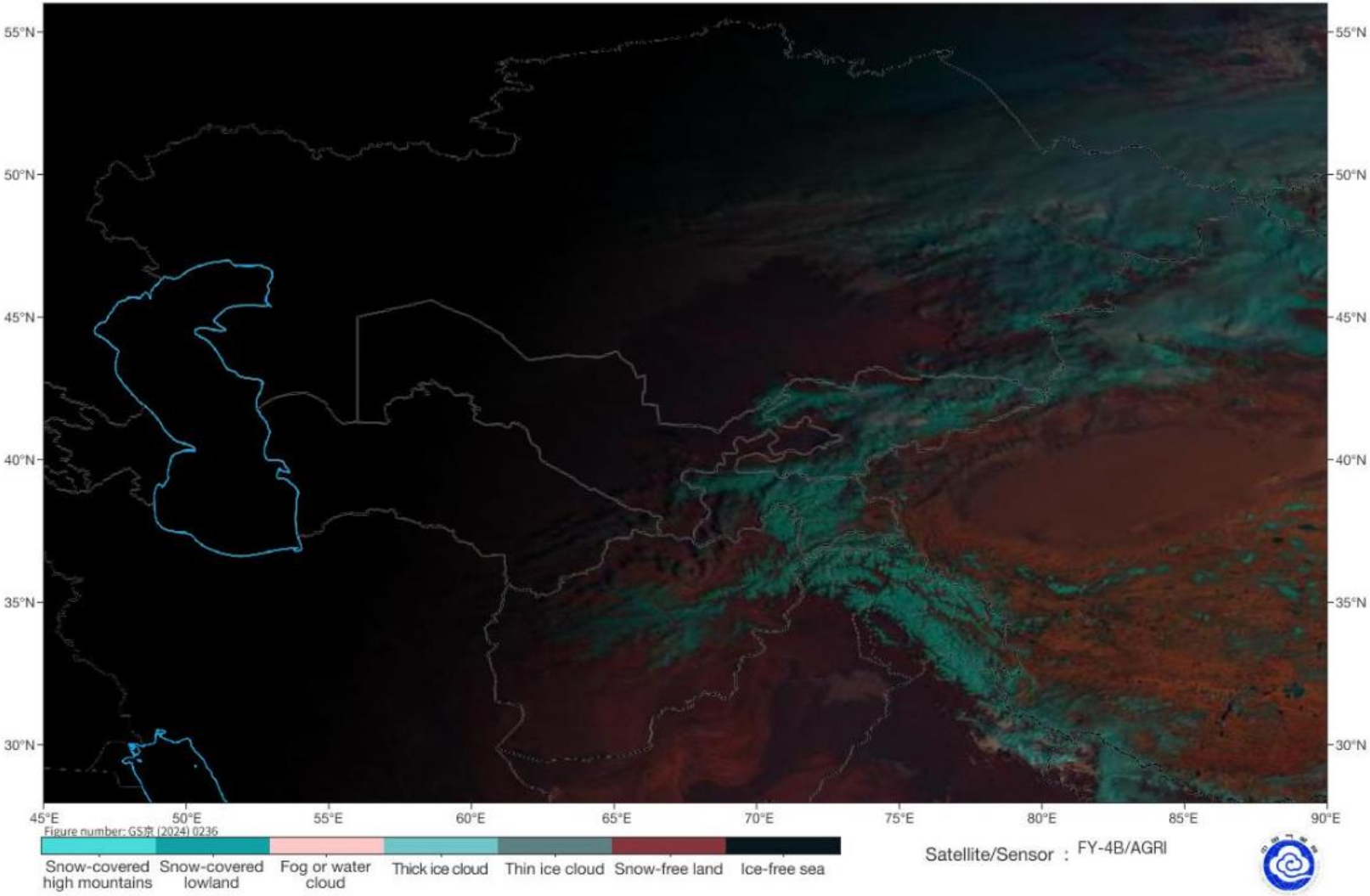
Cloud Top Height

2026-02-19 03:00(UTC)



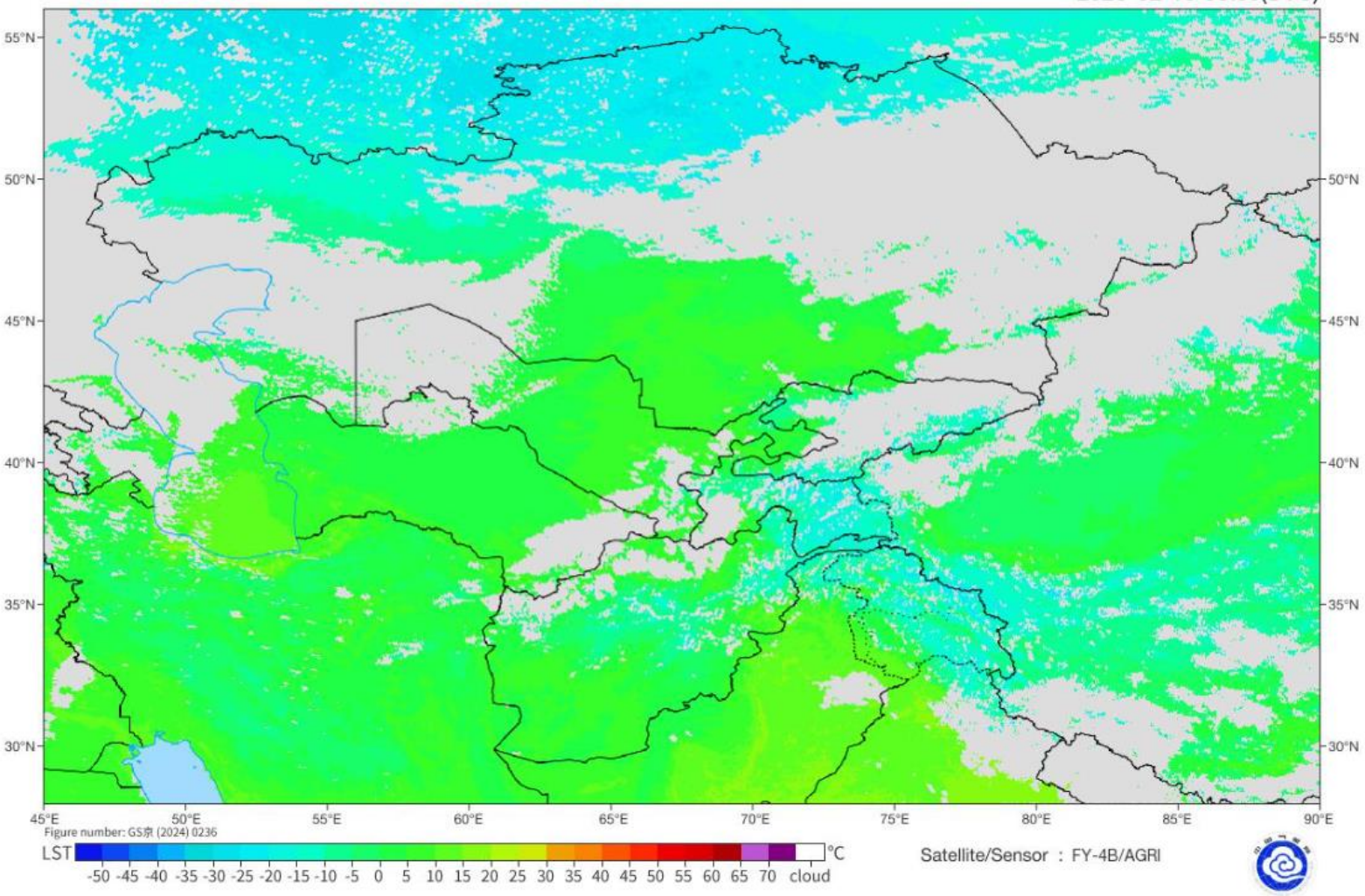
Fog Identification

2026-02-19 03:30(UTC)



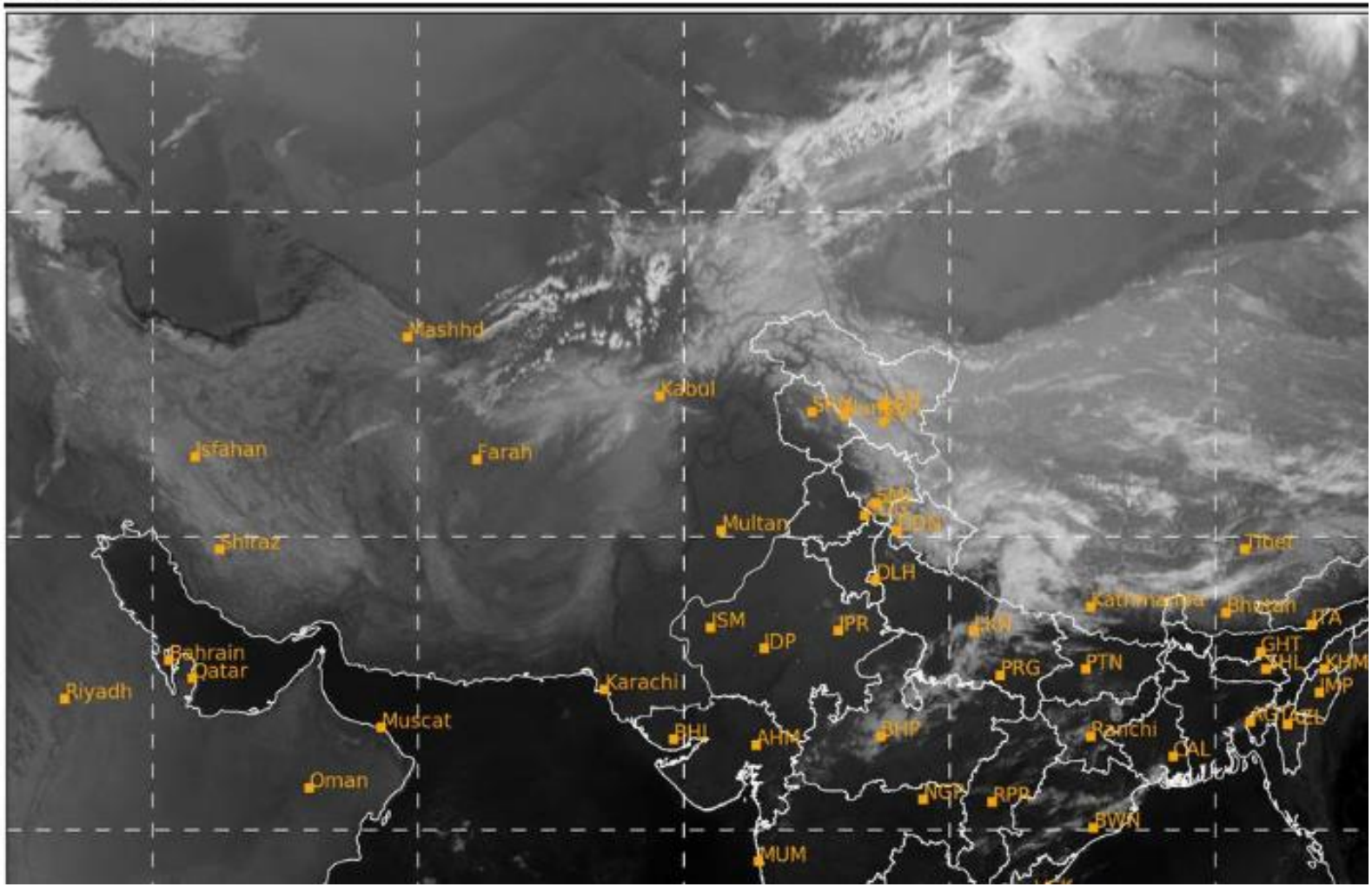
Land Surface Temperature

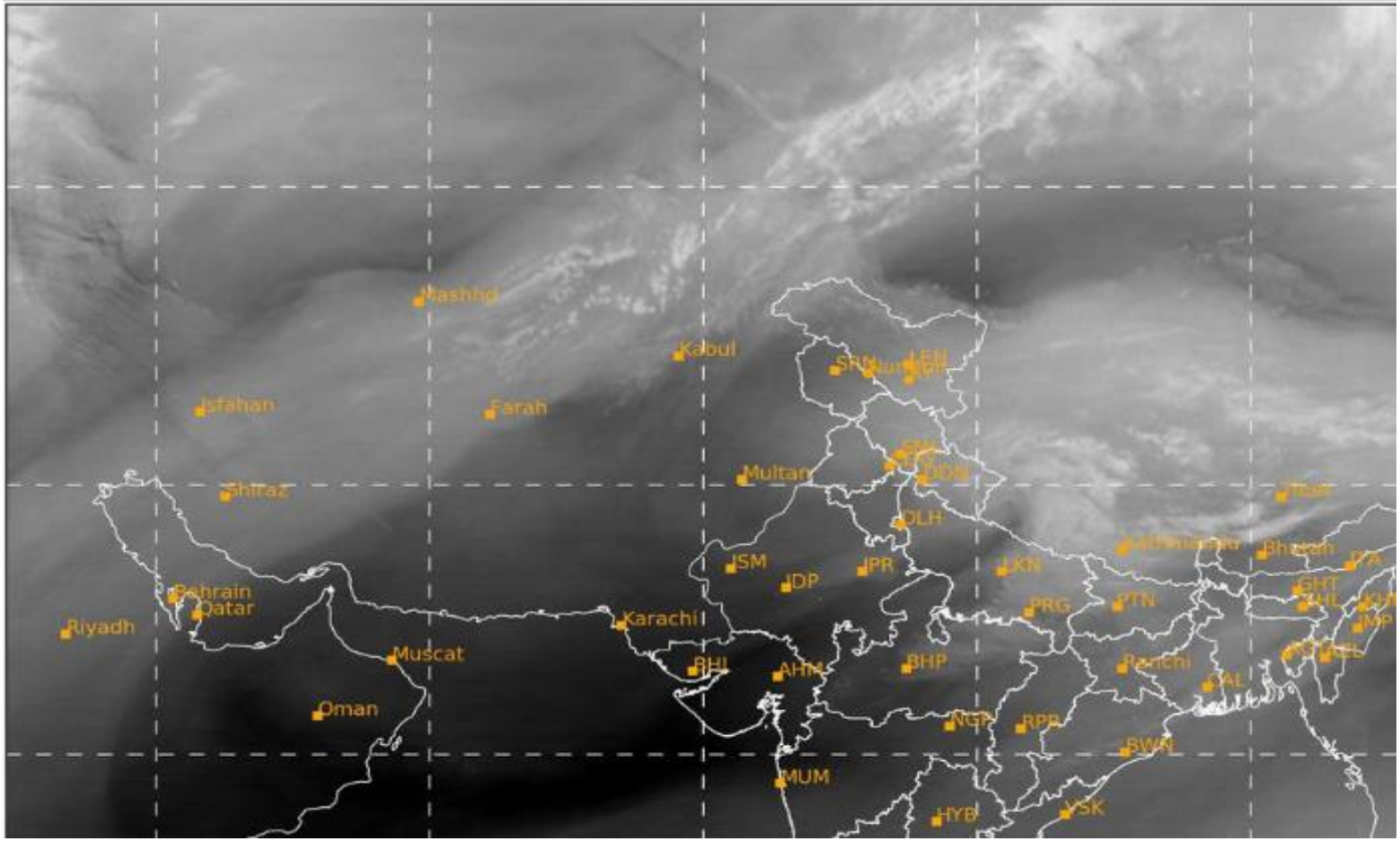
2026-02-19 03:00(UTC)



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

19-02-2026/(0245 to 0312) GMT
19-02-2026/(0815 to 0842) IST



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

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19-02-2026/(0845 to 0912) IST