



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



Daily reports of Satellite imagery analysis. Date & Time: 16/07/2026, 03:00 UTC

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

Details: According to satellite imagery analysis the northern, southern, western, eastern, central, northeastern, southeastern, northwestern, and southwestern areas have warm air mass. The western, central, southeastern, northwestern, and southwestern areas have dust storm. The northern, southern, western, eastern, central, northeastern, southeastern, northwestern, and southwestern areas are dry.

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

- Reported by: Sayed Taher Atlas

UTC: 2026-07-16 00:30

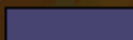
AirMass



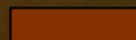
Thick,
high-level cloud



Thick,
mid-level cloud



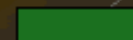
Thick,
low-level cloud



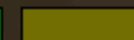
Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

R = WV (6.25) - WV (7.1)

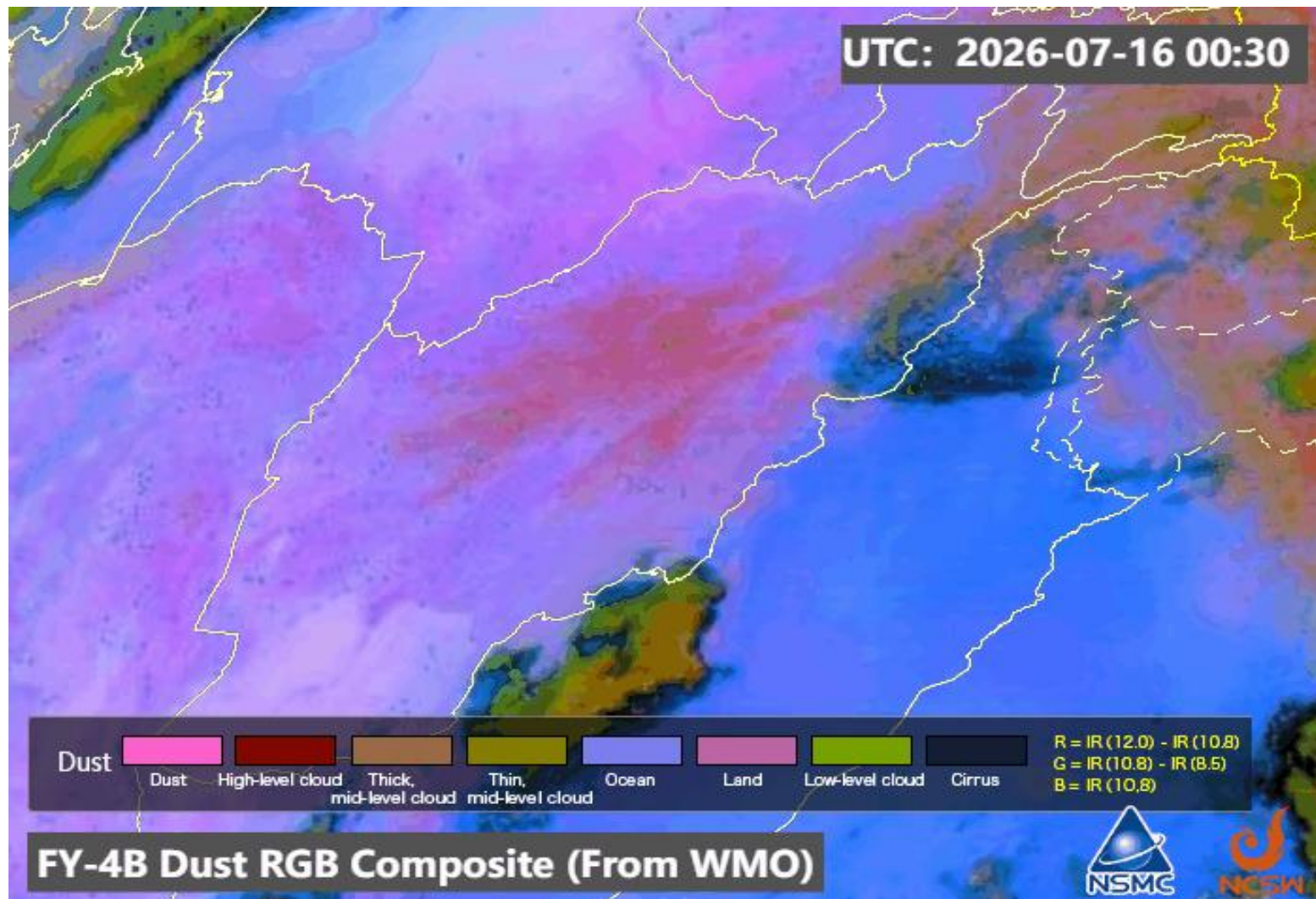
G = IR (8.5) - IR (10.8)

B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)

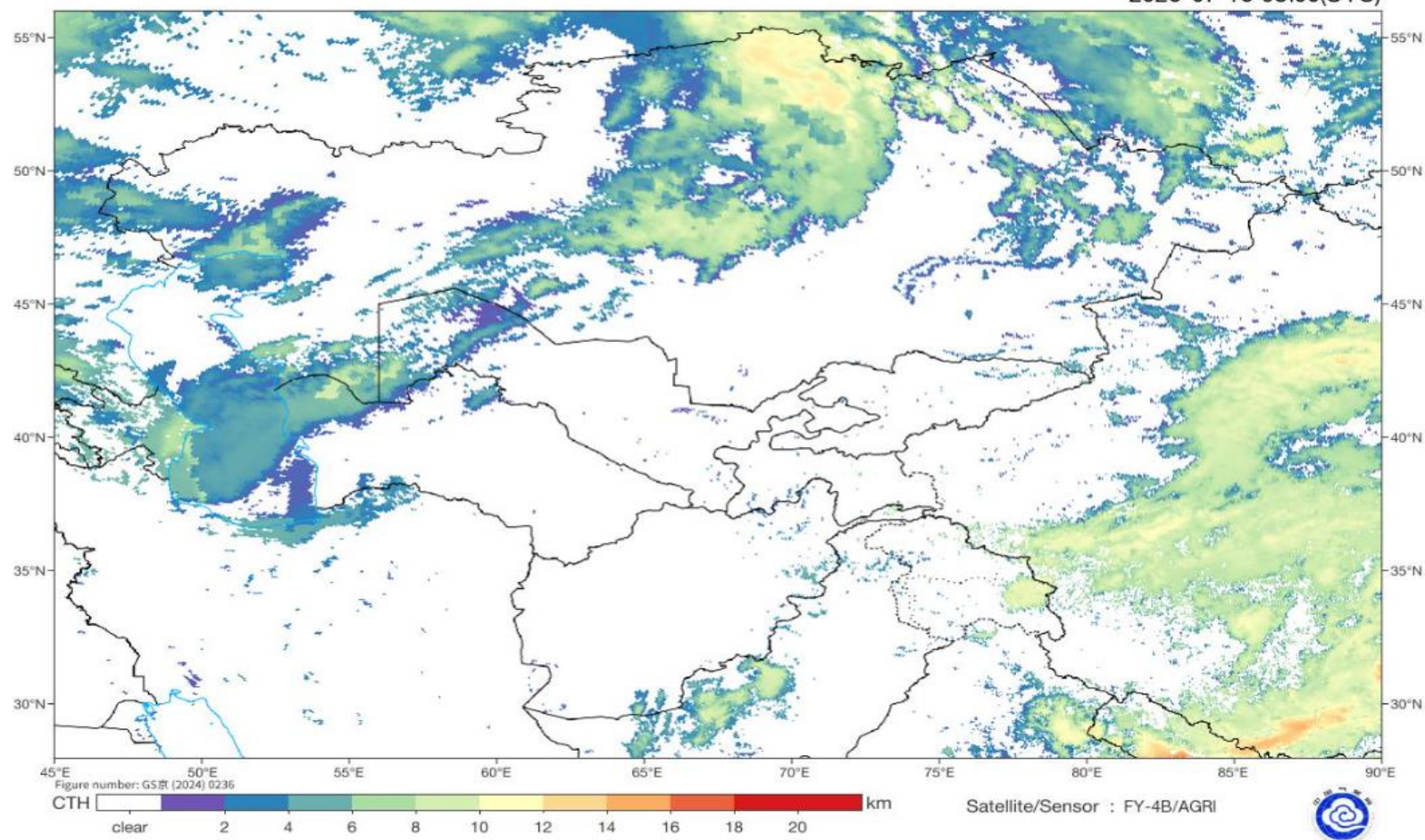


UTC: 2026-07-16 00:30



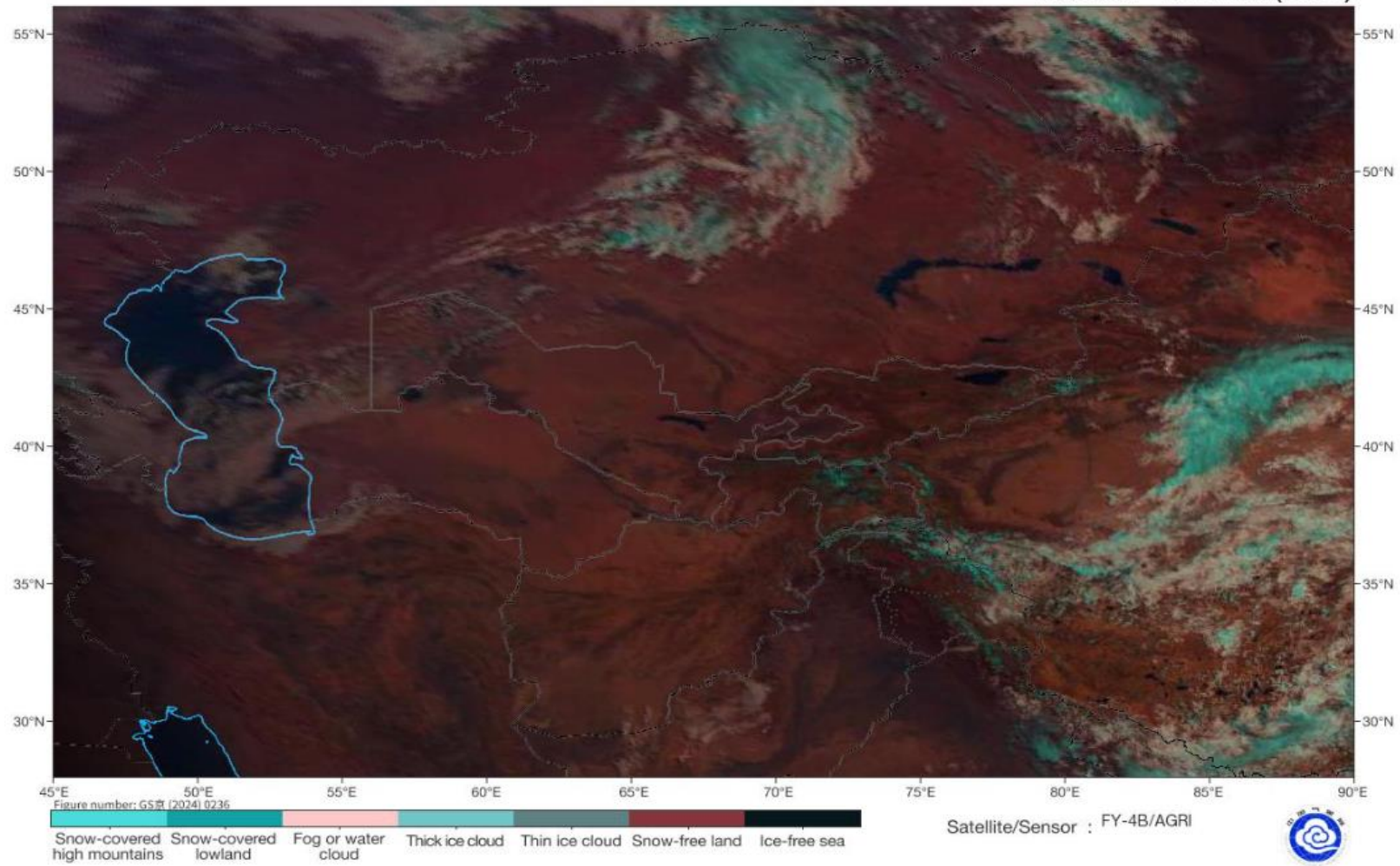
Cloud Top Height

2026-07-16 03:00(UTC)



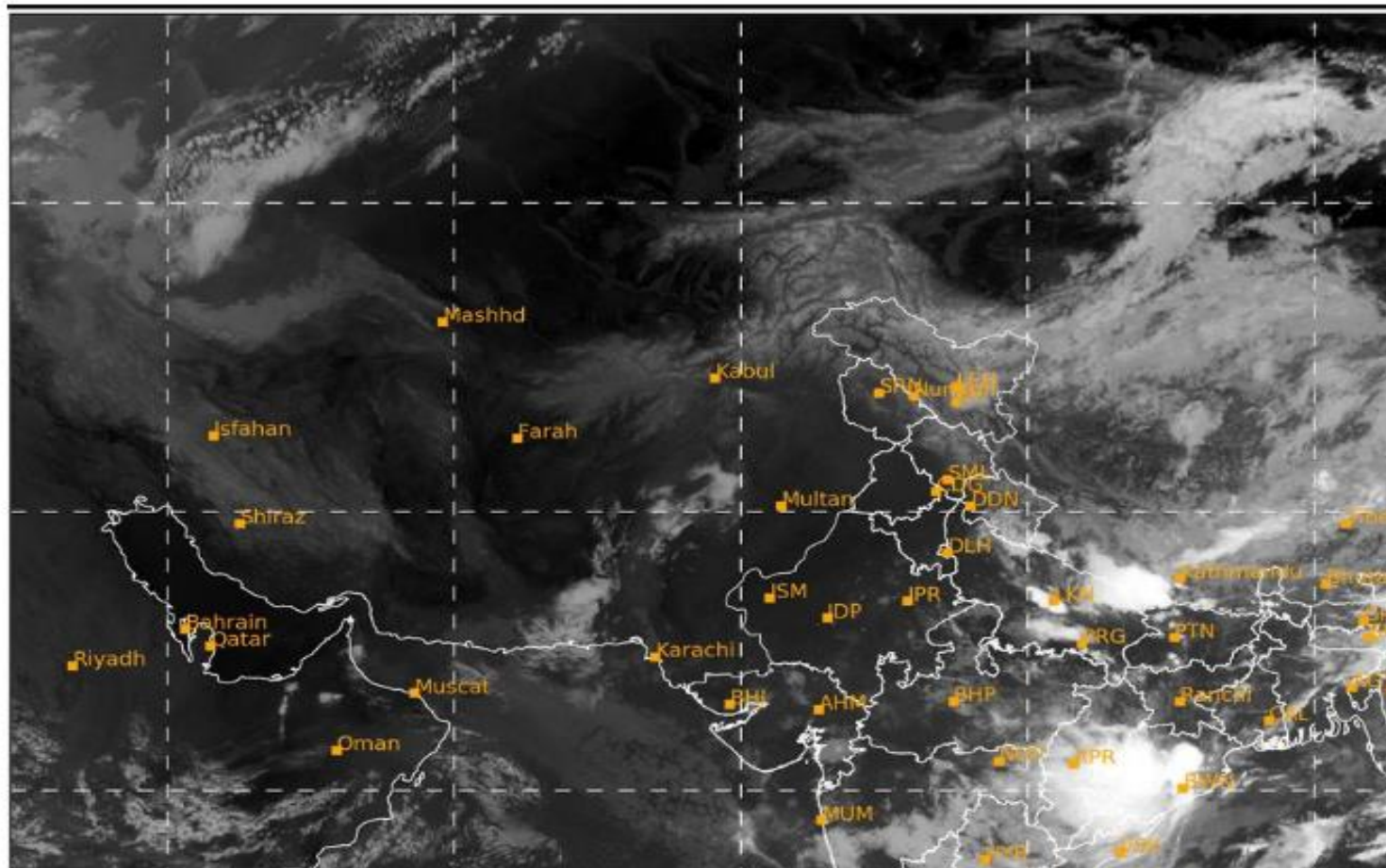
Fog Identification

2026-07-16 03:00(UTC)



L1C Mercator

16-07-2026/(0745 to 0812) IST



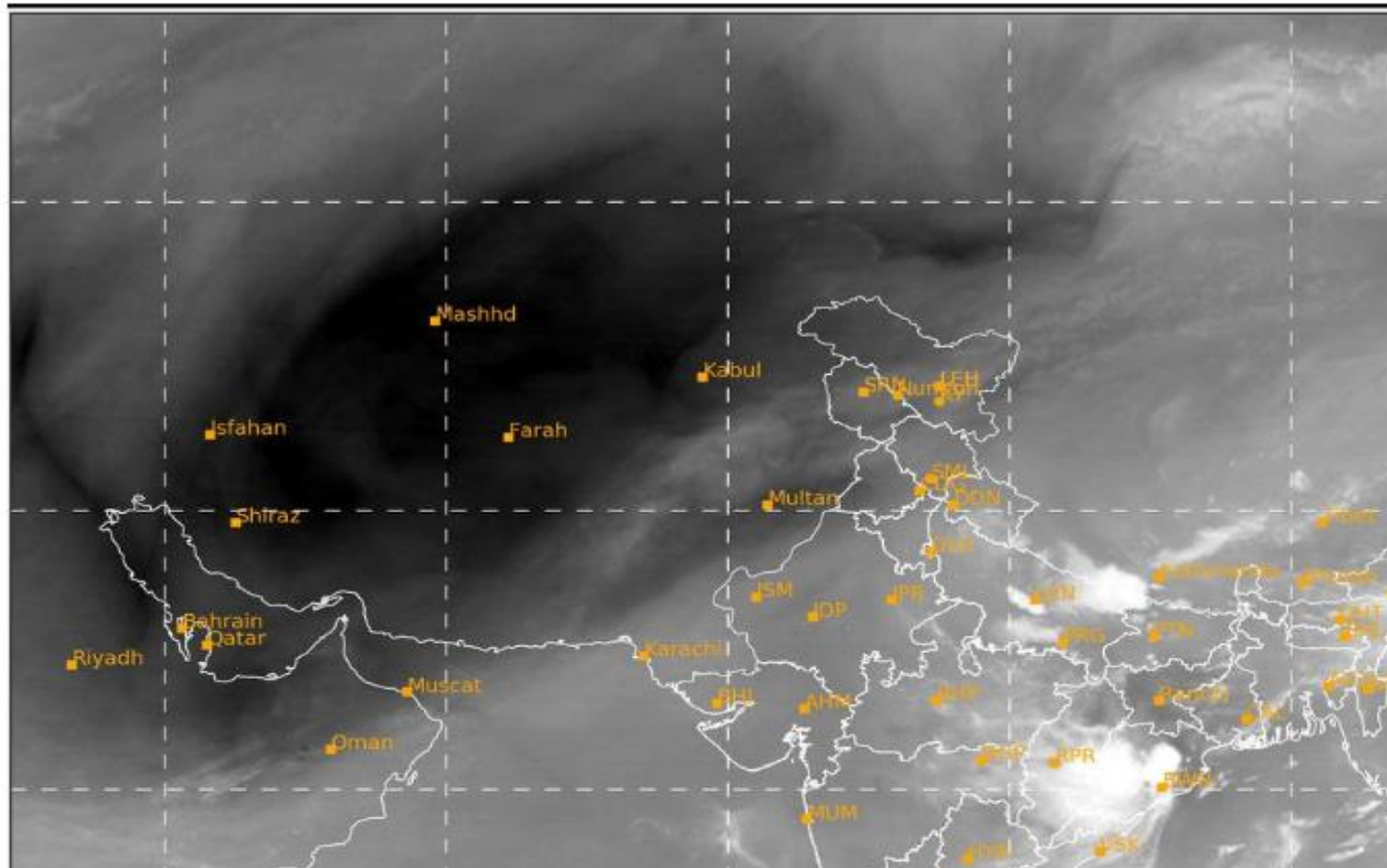
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

16-07-2026/(0215 to 0242) GMT

16-07-2026/(0745 to 0812) IST



Land Surface Temperature

2026-07-16 03:00(UTC)

