



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



Daily reports of Satellite imagery analysis. Date & Time: 05/07/2025, 09:00 UTC, Number of reports: 1090

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	✓	X	X	X	√ dry	X	X	
2	South	X	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	X	√ dry	X	X	
6	Northeast	✓	X	X	X	X	√ dry	X	X	
7	Southeast	✓	X	X	X	X	√ dry	X	X	
8	Northwest	✓	X	X	X	X	√ dry	X	X	
9	Southwest	X	✓	X	X	X	√ weak	X	X	

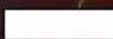
Details: according to satellite imagery analysis the northern, western, eastern, central, northeastern, southeastern and northwestern areas have worm air mass. The northern, western and southwestern areas have dust storm. The southwestern area is weak water vapor the northern, southern, western, eastern, central, northeastern, southeastern and northwestern areas are dry.

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

Reported by: Mohammad Jawed Moradi

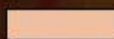
UTC : 2025-07-05 08:45

AirMass



Thick,

high-level cloud



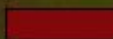
Thick,

mid-level cloud

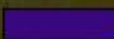


Thick,

low-level cloud



Jet



Cold Airmass



Warm Airmass

(high UTH)



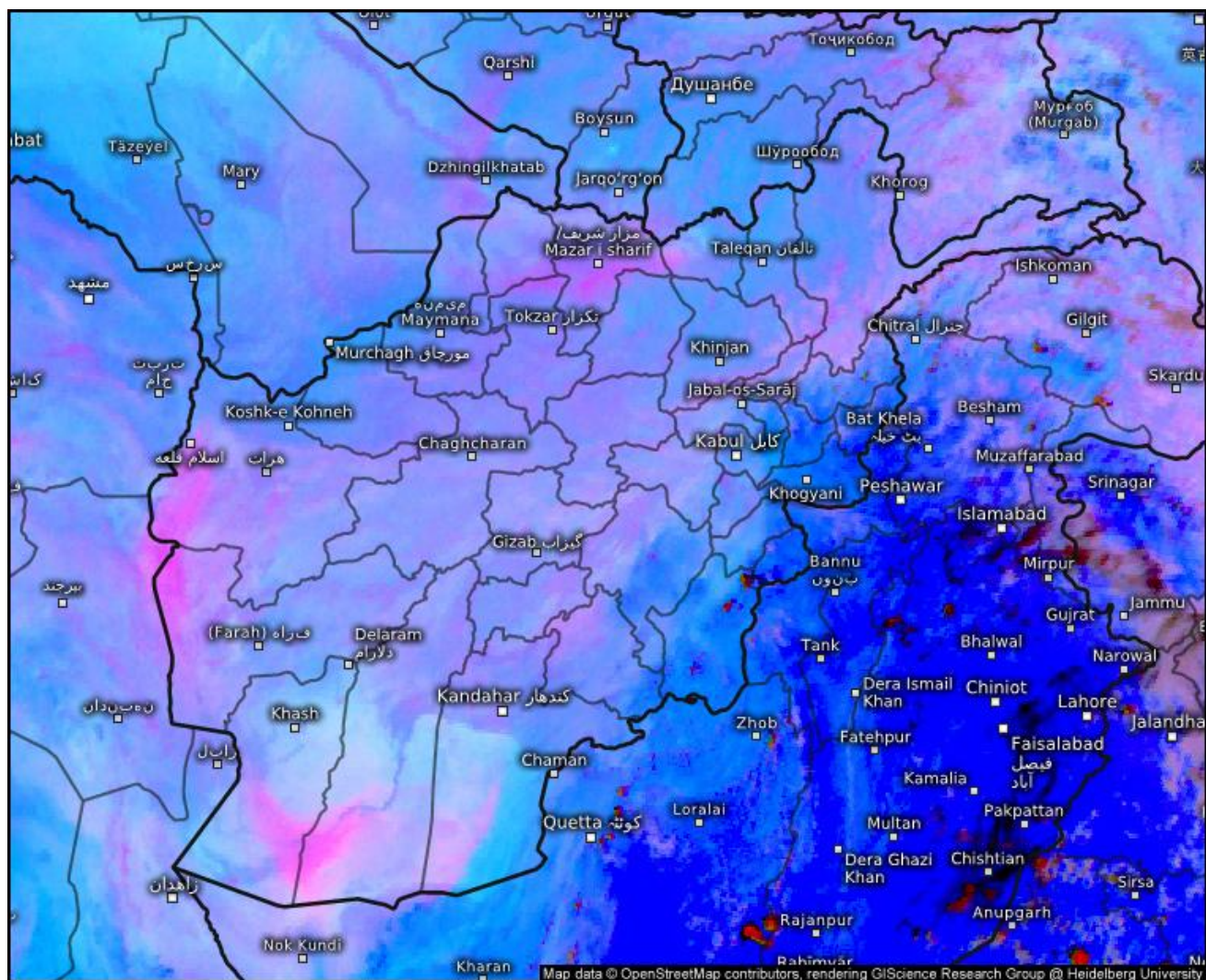
Warm Airmass

(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)





Satellite Dust

Sat 07/05/2025, 01:30pm GMT+0430

© Kachelmann GmbH - Download for private use only!

Sharing: Please get the pic's permalink from share button top right

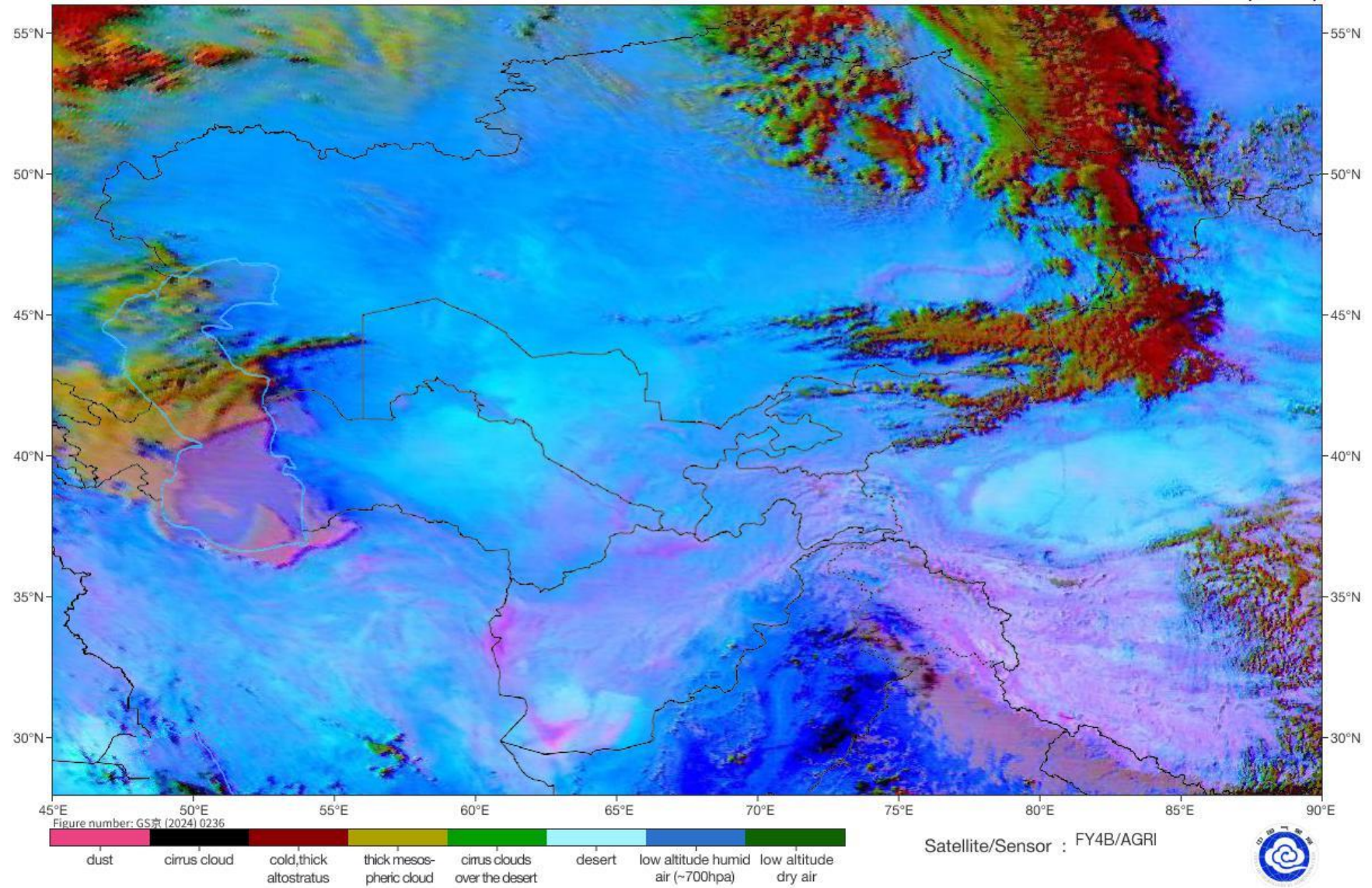
Afghanistan

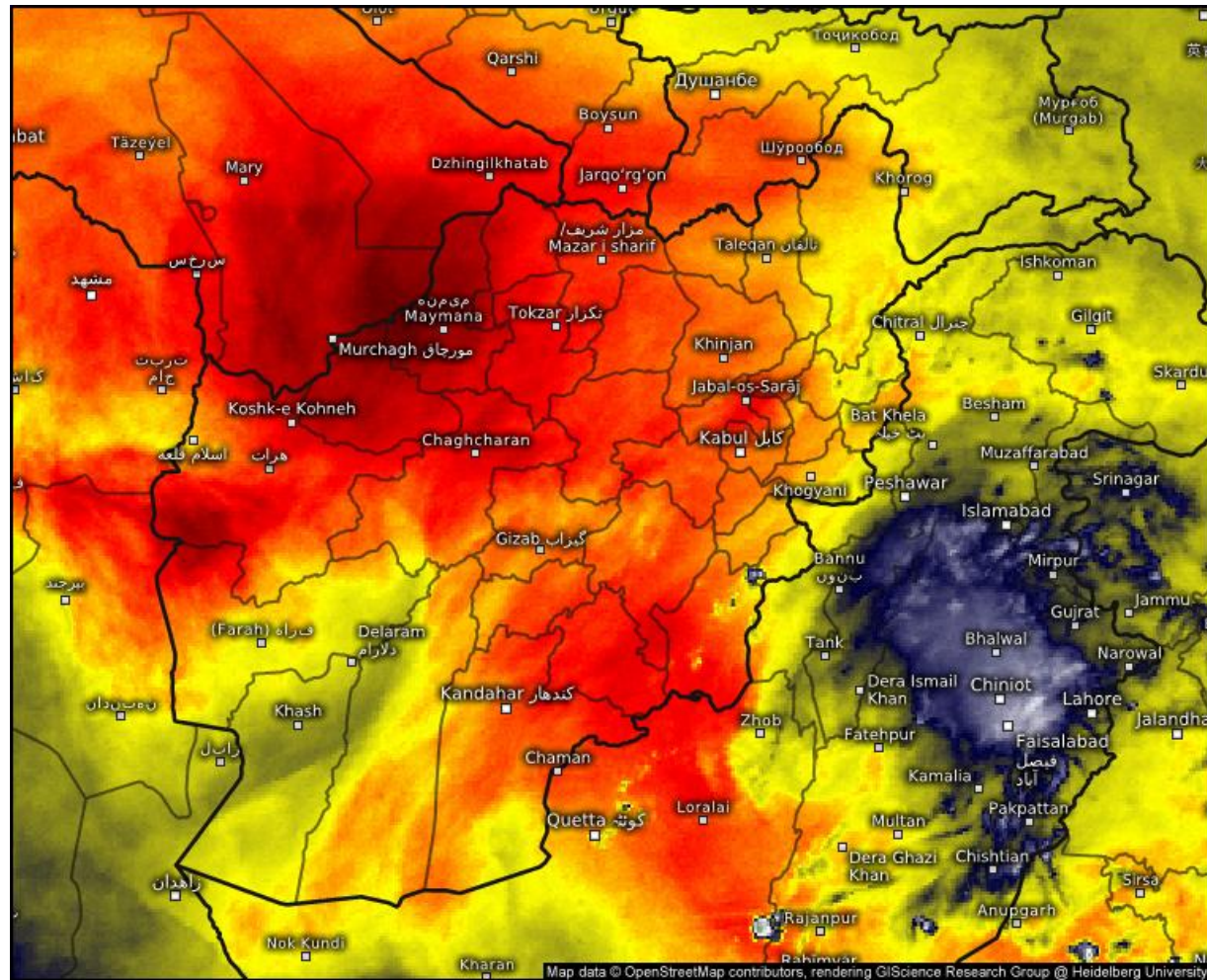
meteologix.com

Satellite data: EUMETSAT

Sand And Dust Identification

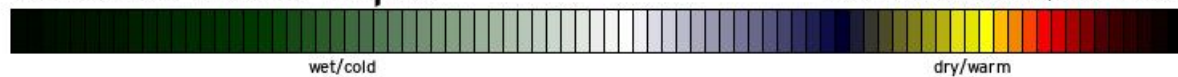
2025-07-05 09:00(UTC)





Satellite Water Vapor

Sat 07/05/2025, 01:15pm GMT+0430



© Kachelmann GmbH - Download for private use only!

Sharing: Please get the pic's permalink from share button top right

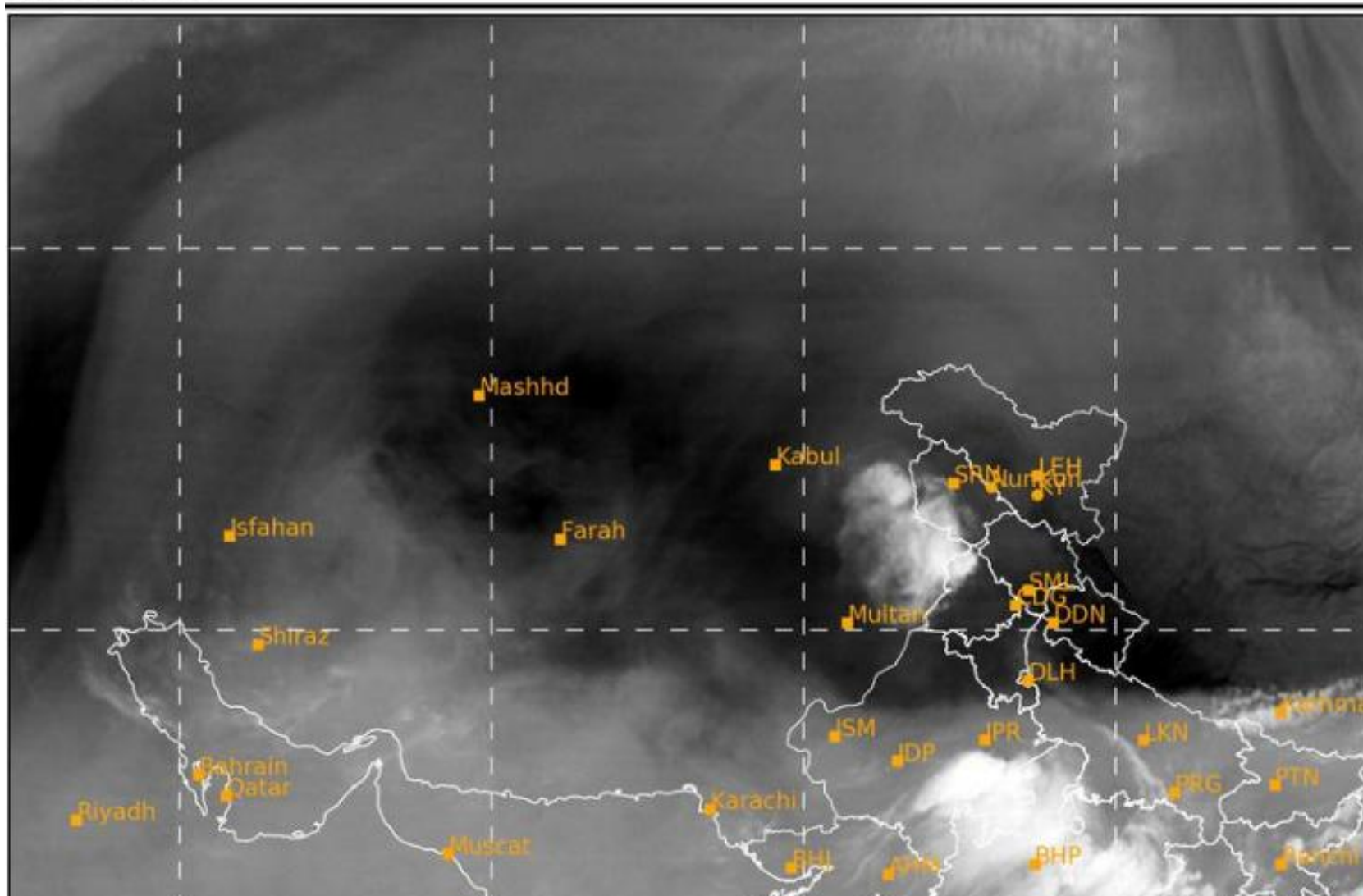
Afghanistan

meteologix.com

Satellite data: EUMETSAT

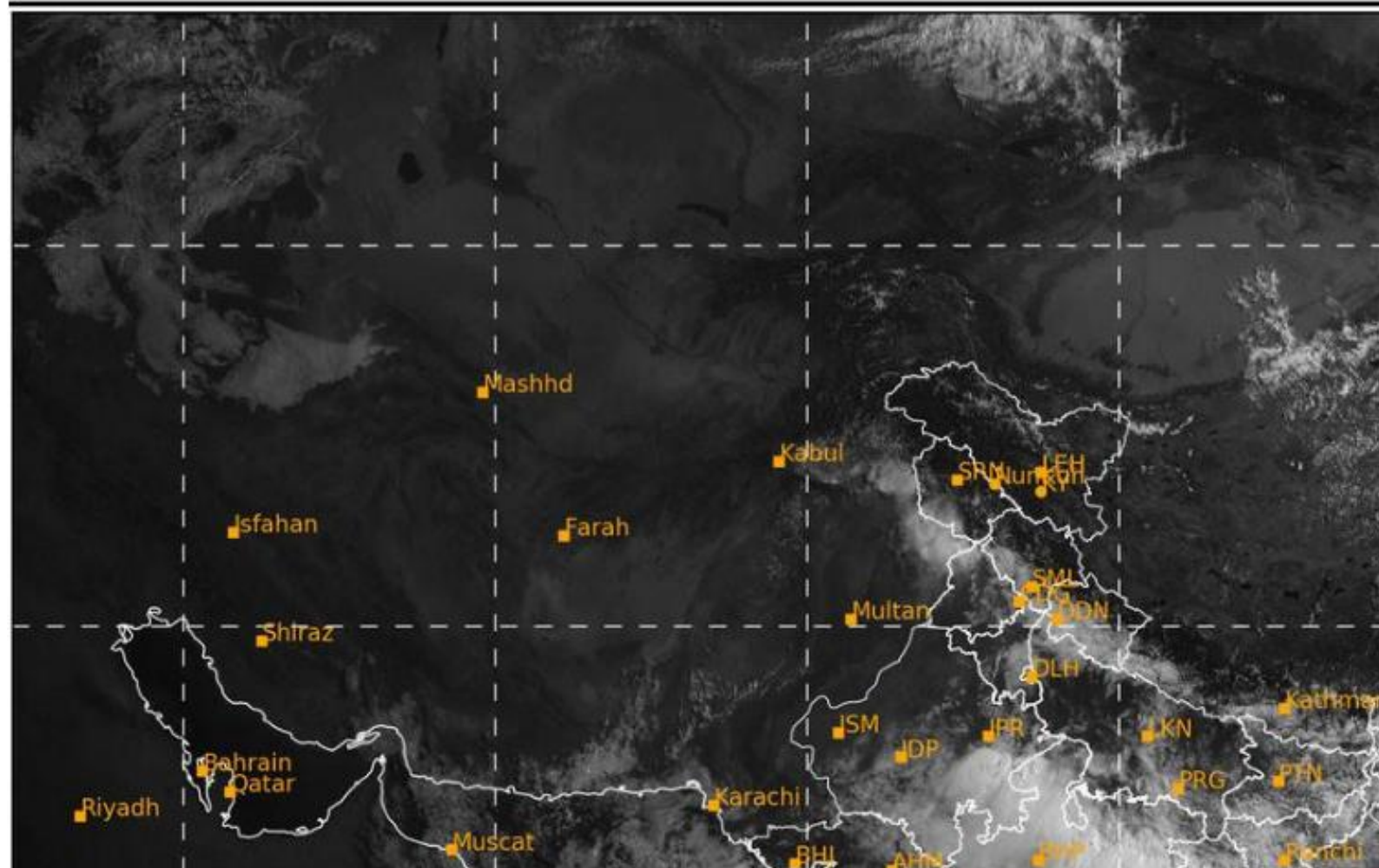
SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

05-07-2025/(0245 to 0312) GMT
05-07-2025/(0815 to 0842) IST



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

05-07-2025/(0245 to 0312) GMT
05-07-2025/(0815 to 0842) IST



Land Surface Temperature

2025-07-05 08:45(UTC)

