



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



Daily reports of Satellite imagery analysis. Date & Time: 01/07/2025, 09:00 UTC, Number of reports: 1081

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

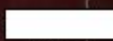
Details: according to satellite imagery analysis the western, eastern, central, northeastern, southeastern and northwestern areas have worm air mass. The western, eastern and northwestern areas have weak dust. The eastern area has partly cloudy sky. The northern, western, central, northeastern and northwestern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

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

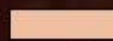
Reported by: Mohammad Jawed Moradi

UTC : 2025-07-01 08:45

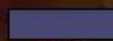
AirMass



Thick,
high-level cloud



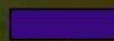
Thick,
mid-level cloud



Thick,
low-level cloud



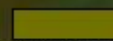
Jet



Cold Airmass



Warm Airmass
(high UTH)

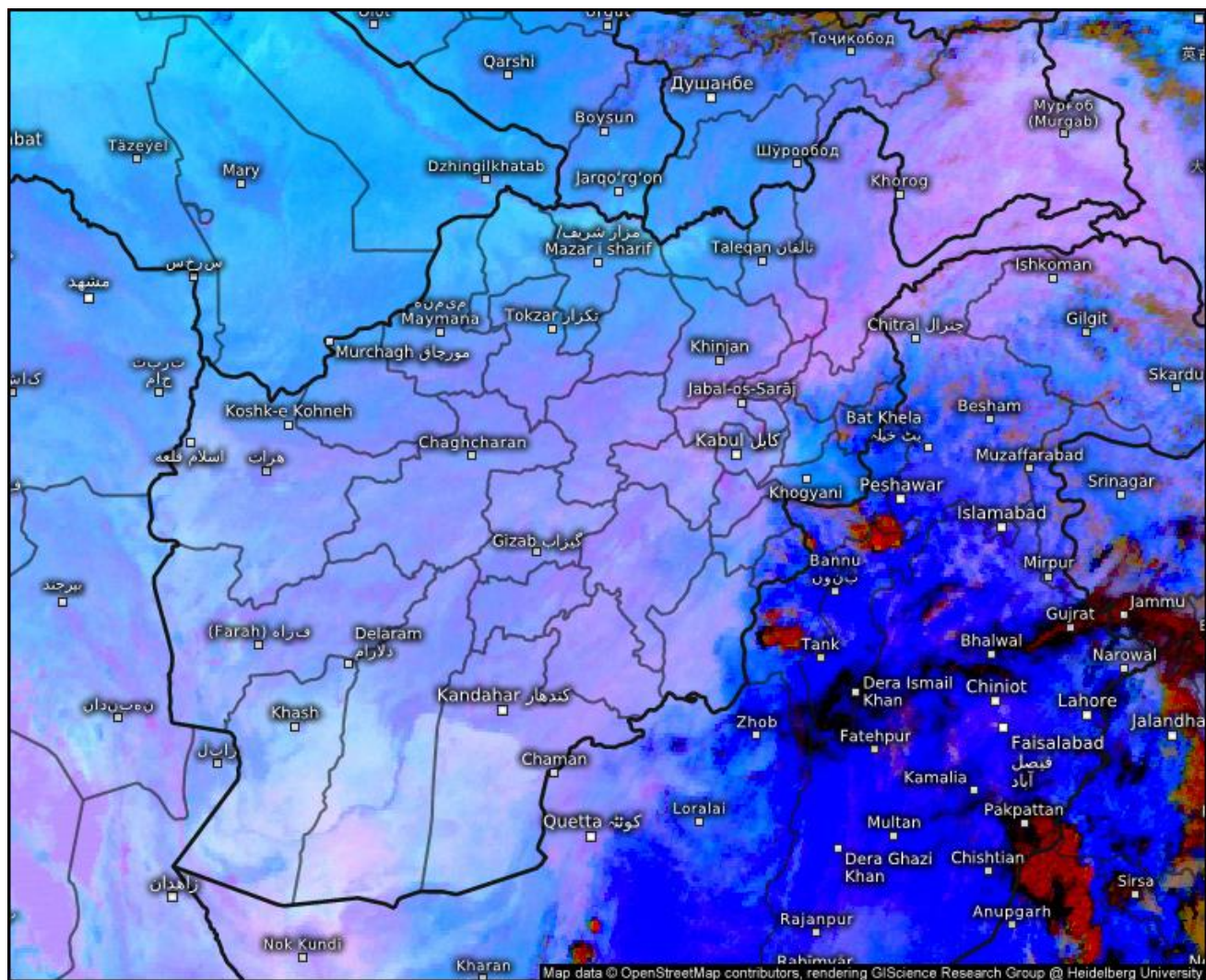


Warm Airmass
(low UTH)

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

Tue 07/01/2025, 01:30pm GMT+0430

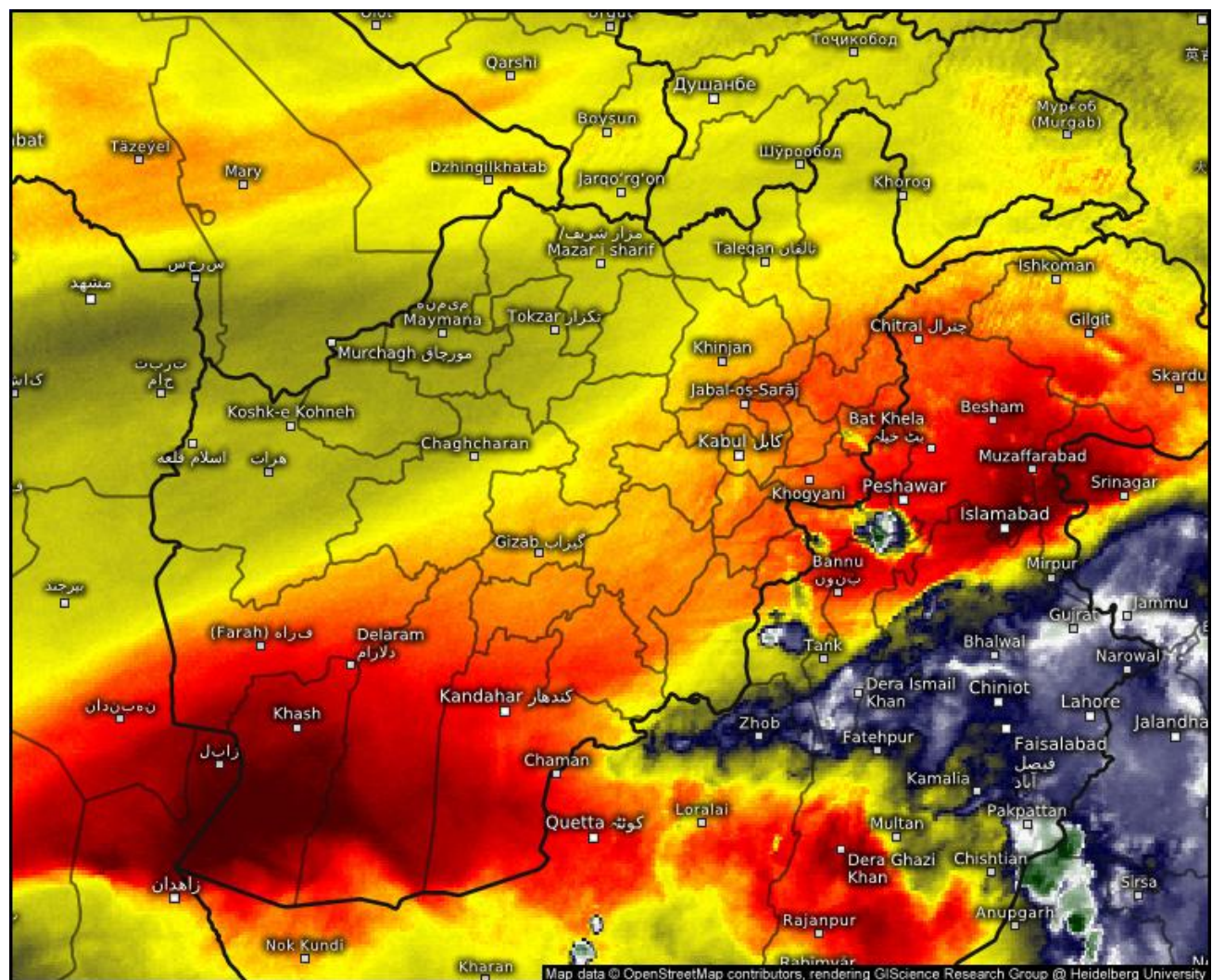
© Kachelmann GmbH - Download for private use only!

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

Afghanistan

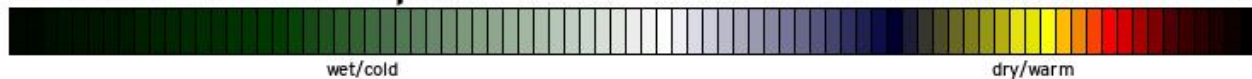
meteologix.com

Satellite data: EUMETSAT



Satellite Water Vapor

Tue 07/01/2025, 01:30pm GMT+0430



© Kachelmann GmbH - Download for private use only!

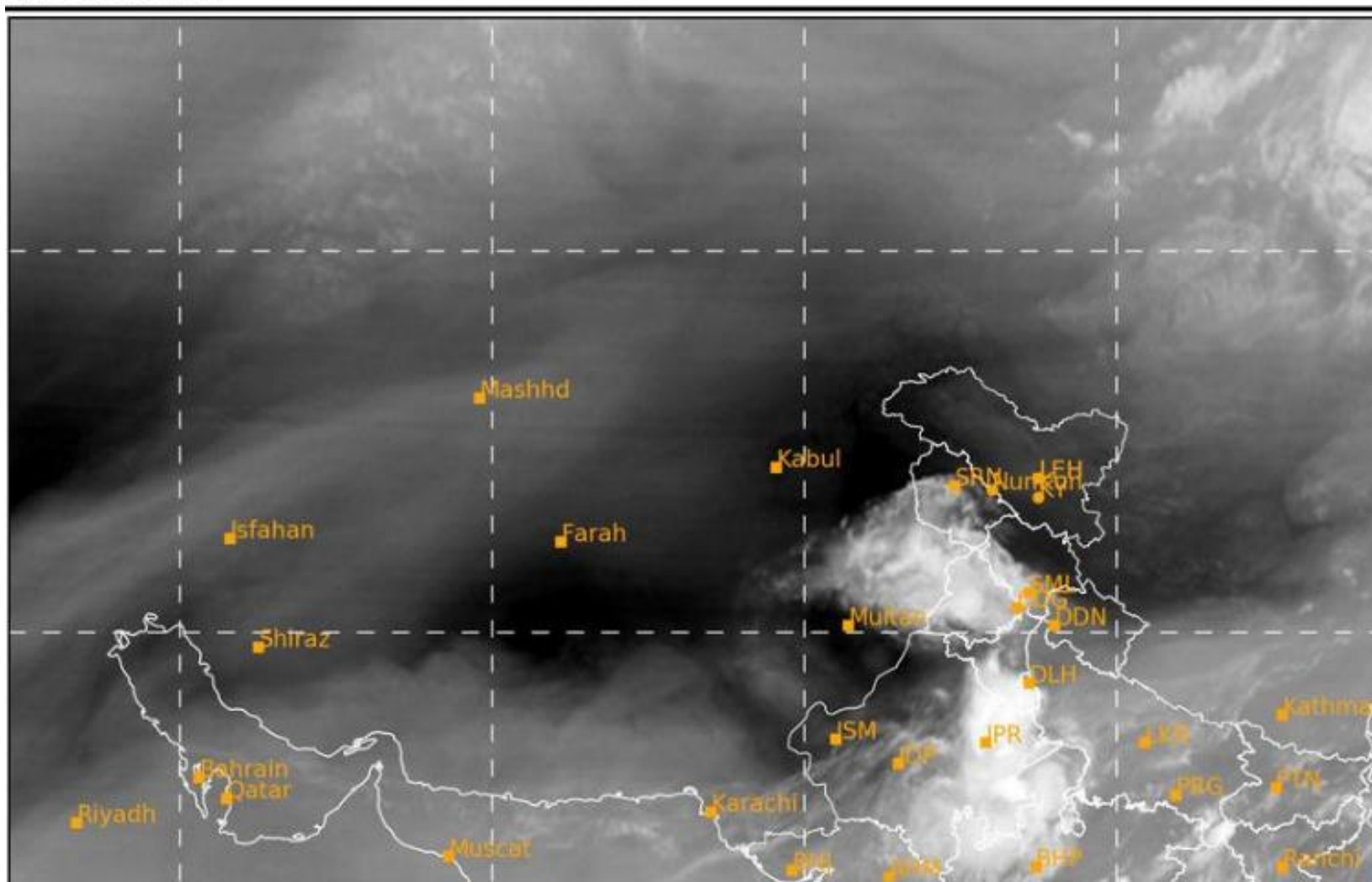
Sharing: Please get the pic's permalink from share button top right
Afghanistan

meteologix.com

Satellite data: EUMETSAT

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

01-07-2025/(0345 to 0412) GMT
01-07-2025/(0915 to 0942) IST



+

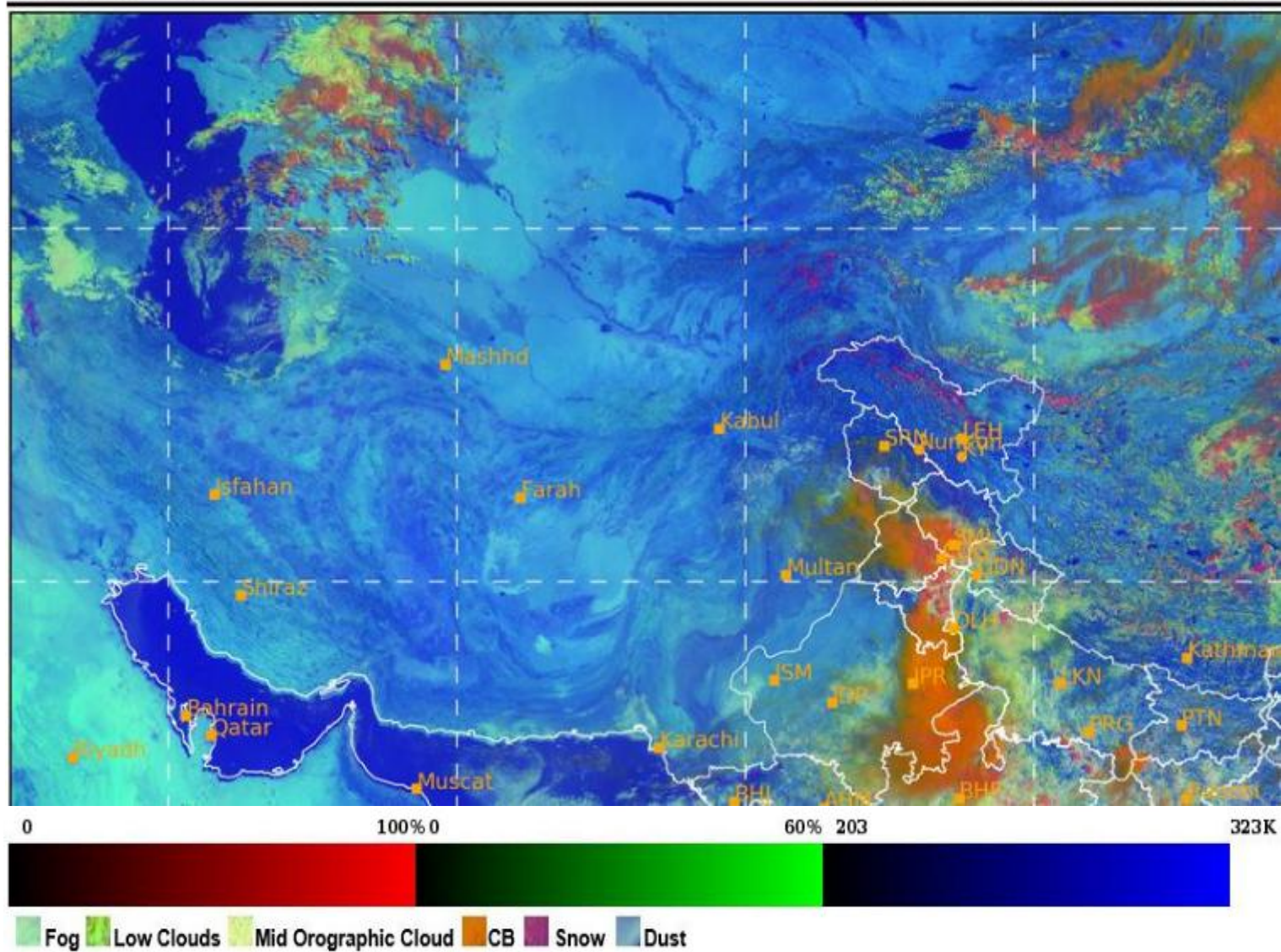
SAT : INSAT-3DR IMG

01-07-2025/(0345 to 0412) GMT

Day Microphysics: VIS_REFL (R), SWIR_REFL (G), TIR1_BT (B)

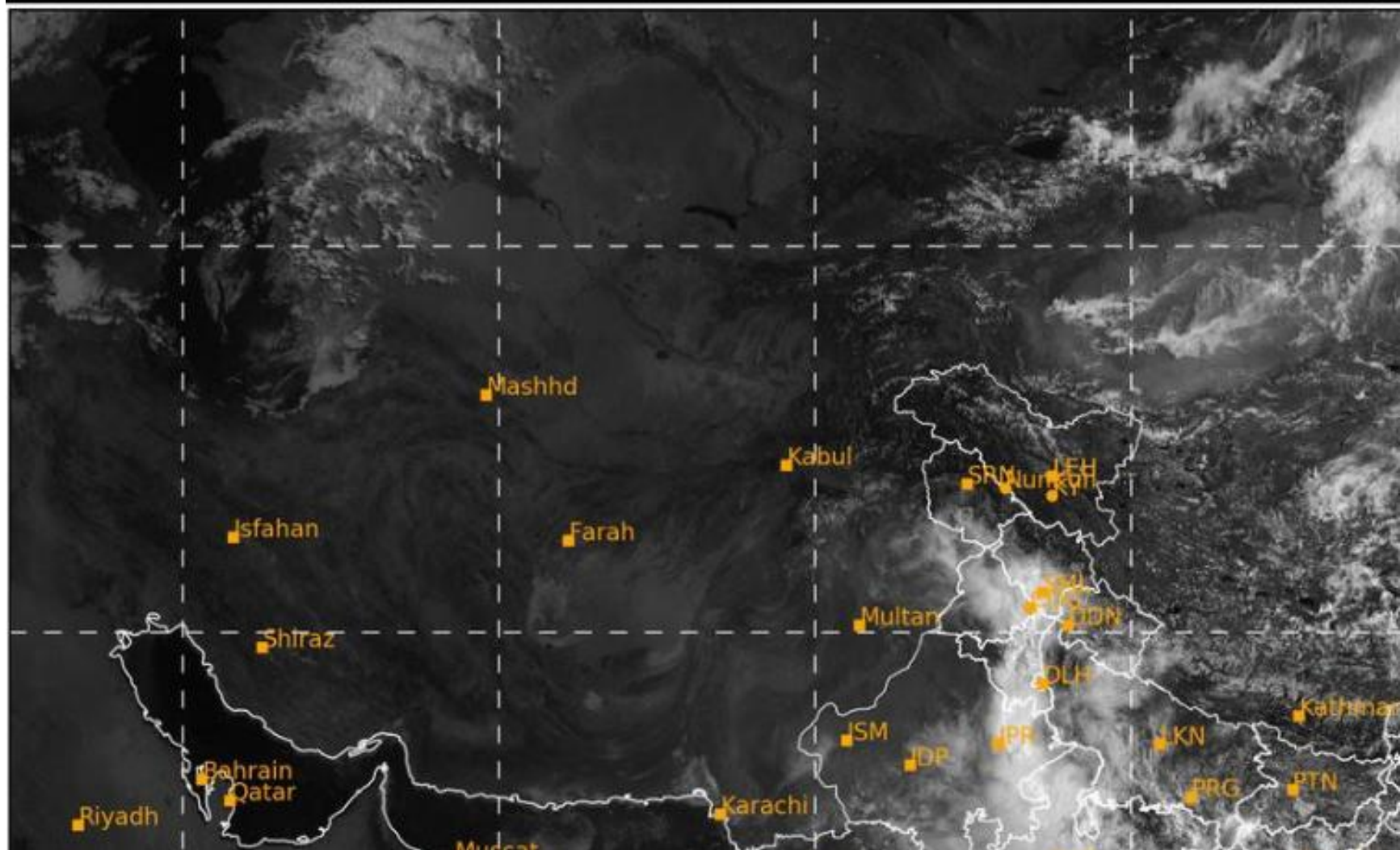
L1C Mercator

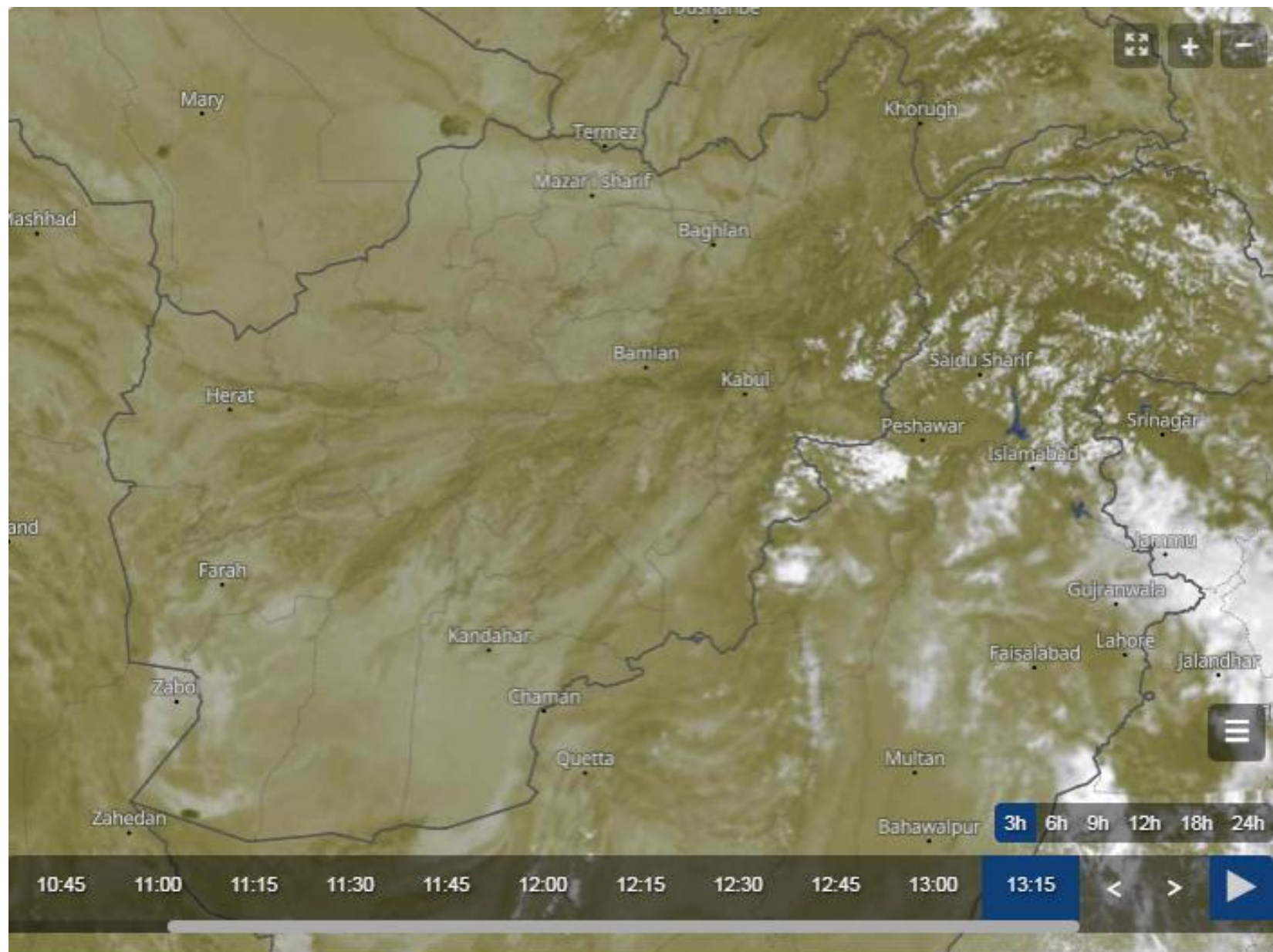
01-07-2025/(0915 to 0942) IST



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

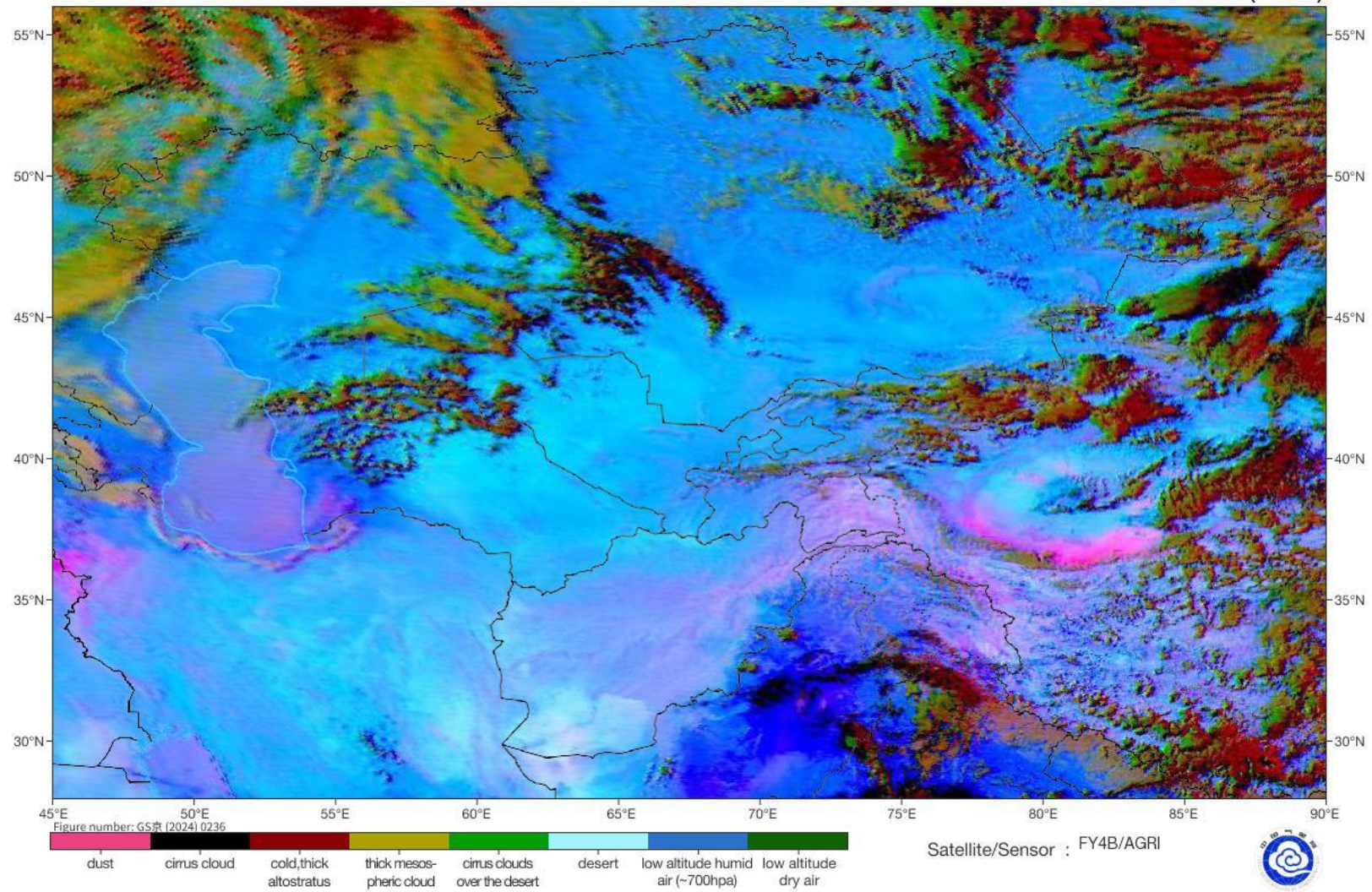
01-07-2025/(0345 to 0412) GMT
01-07-2025/(0915 to 0942) IST





Sand And Dust Identification

2025-07-01 09:00(UTC)



Land Surface Temperature

2025-07-01 08:45(UTC)

