



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



Daily reports of Satellite imagery analysis. Date & Time: 23/07/2025, 09:00 UTC, Number of reports: 1138

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	X	X	X	X	X	√ dry	X	X	
2	South		✓	X	X	X	√ dry	X	X	
3	West	✓	X	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	√ dry	X	X	

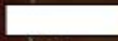
Details: according to satellite imagery analysis the western, southeastern and northwestern areas have weak worm air mass. The southern and southwestern areas have weak dust storm. The eastern, central and northeastern areas have partly cloudy sky. The all regions are dry.

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

Reported by: Mohammad Jawed Moradi

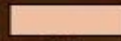
UTC : 2025-07-23 08:45

AirMass



Thick,

high-level cloud



Thick,

mid-level cloud



Thick,

low-level cloud



Jet



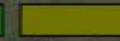
Cold Airmass

Warm Airmass



Warm Airmass

(high UTH)



Warm Airmass

(low UTH)

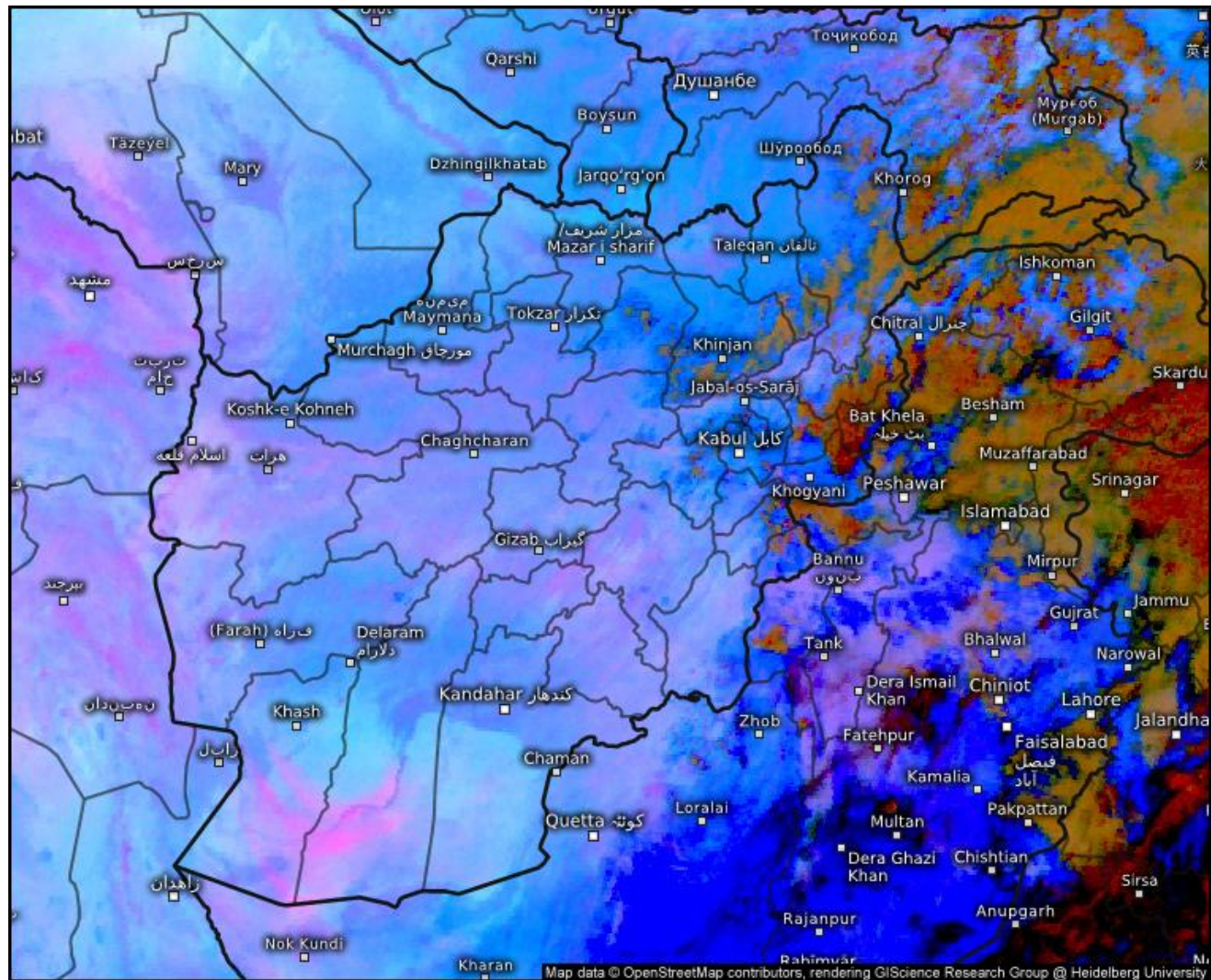
R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.8)

B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)





Satellite Dust

Wed 07/23/2025, 01:30pm GMT+0430

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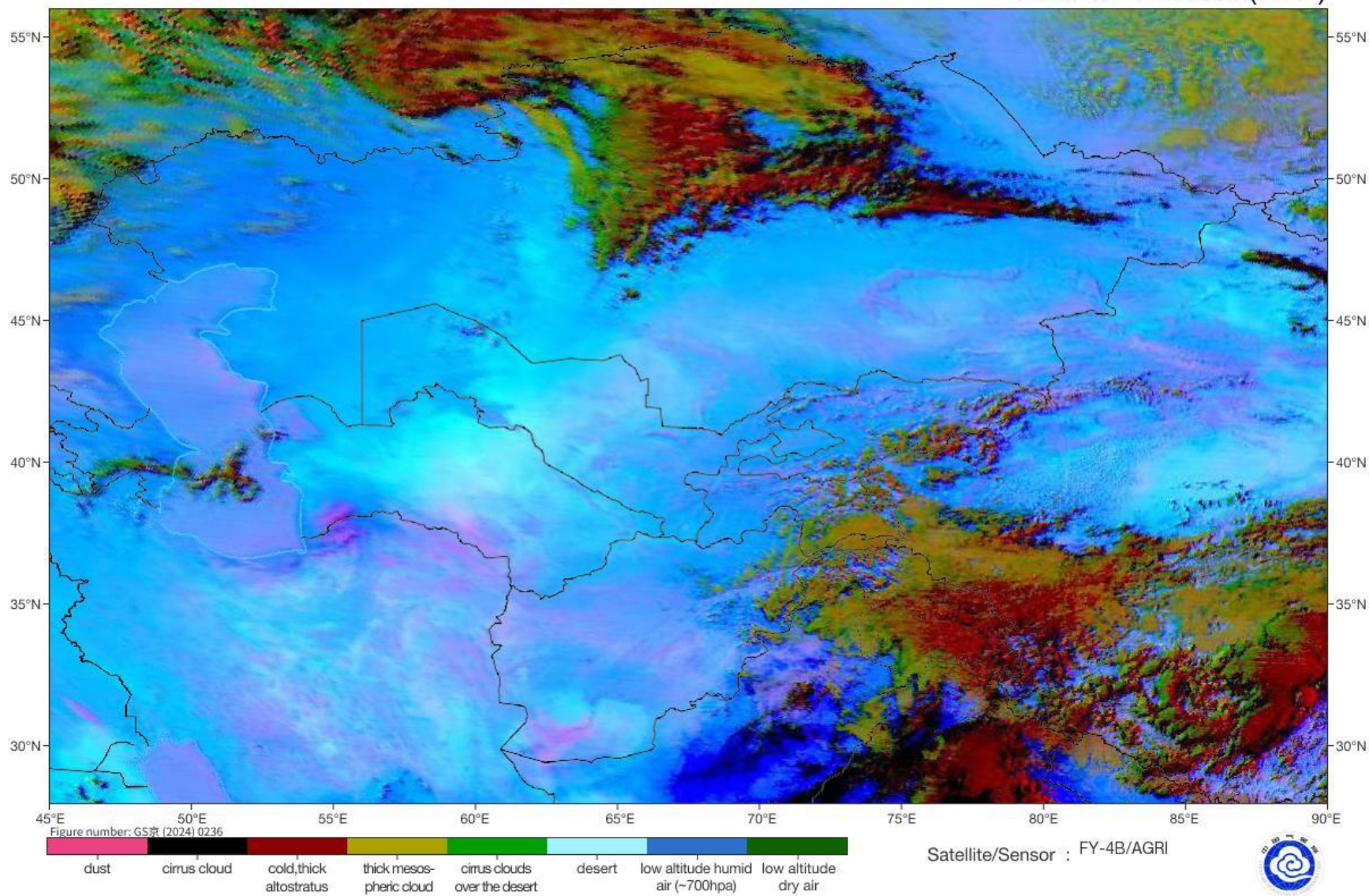
Afghanistan

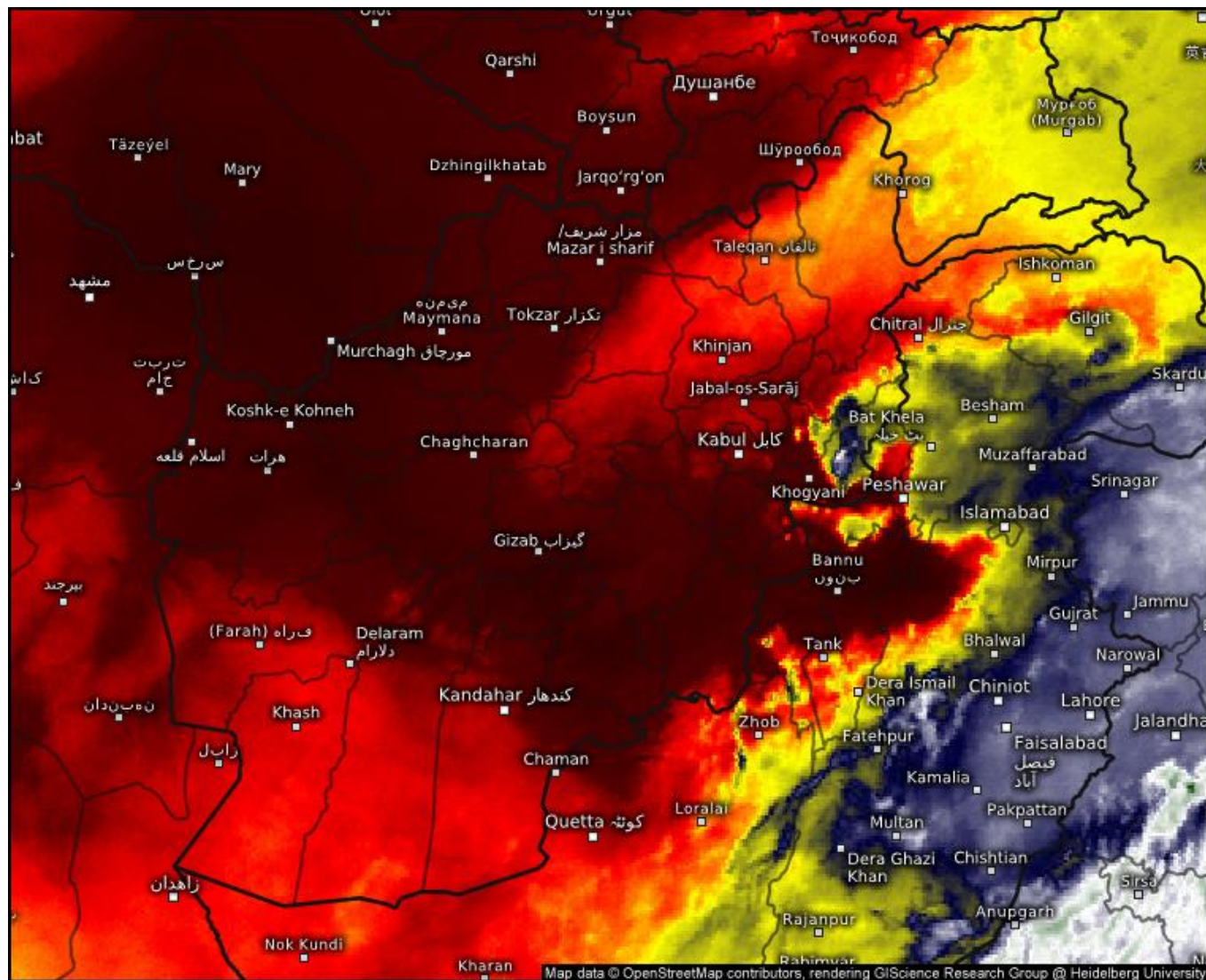
 **meteologix.com**

Satellite data: EUMETSAT

Sand And Dust Identification

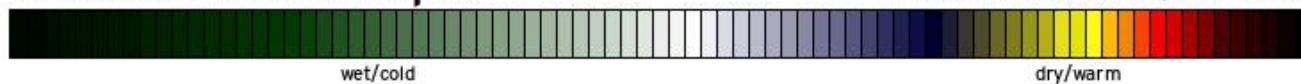
2025-07-23 09:00(UTC)





Satellite Water Vapor

Wed 07/23/2025, 01:30pm GMT+0430



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Afghanistan

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Satellite data: EUMETSAT

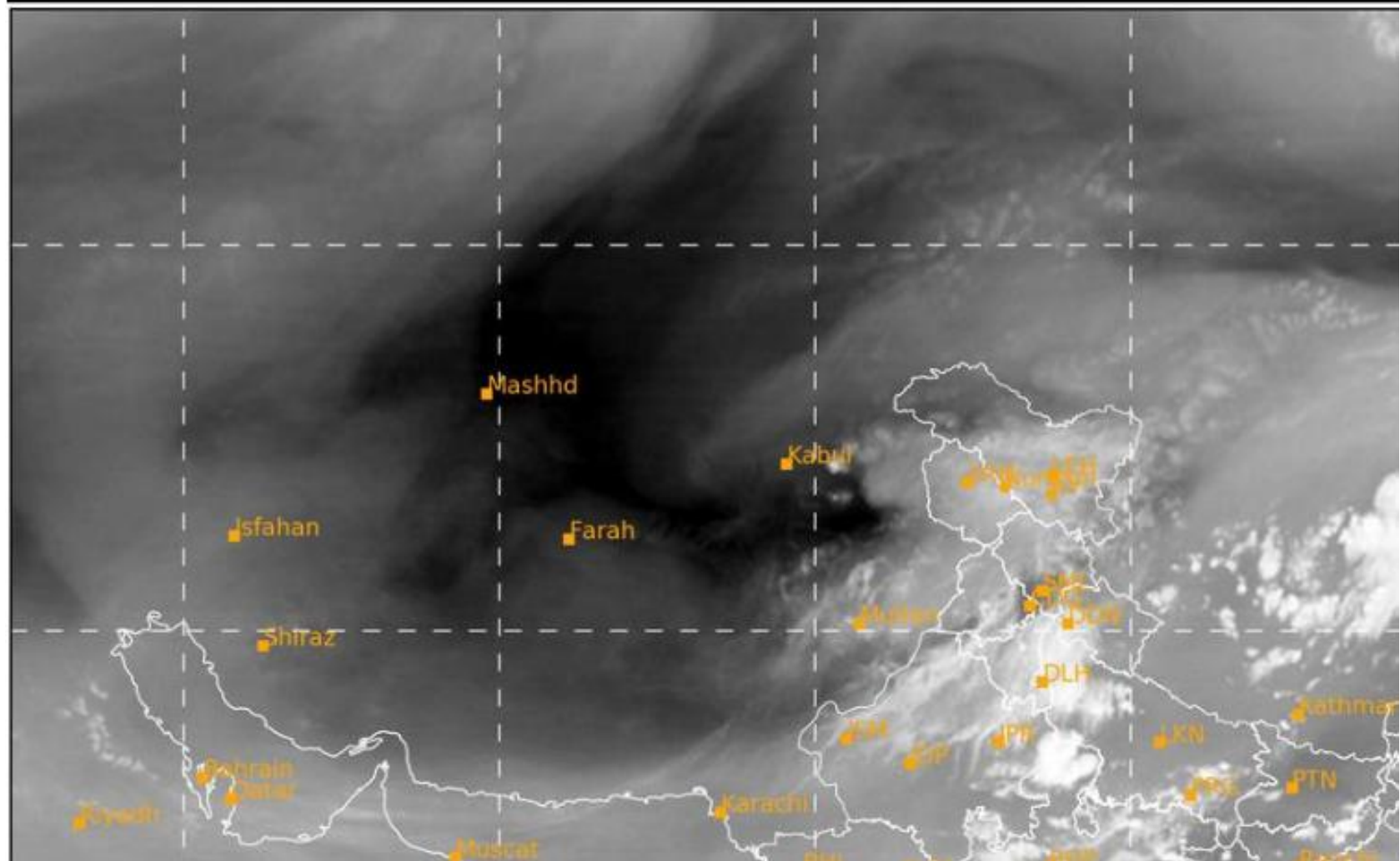
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

23-07-2025/(0745 to 0811) GMT

23-07-2025/(1315 to 1341) IST



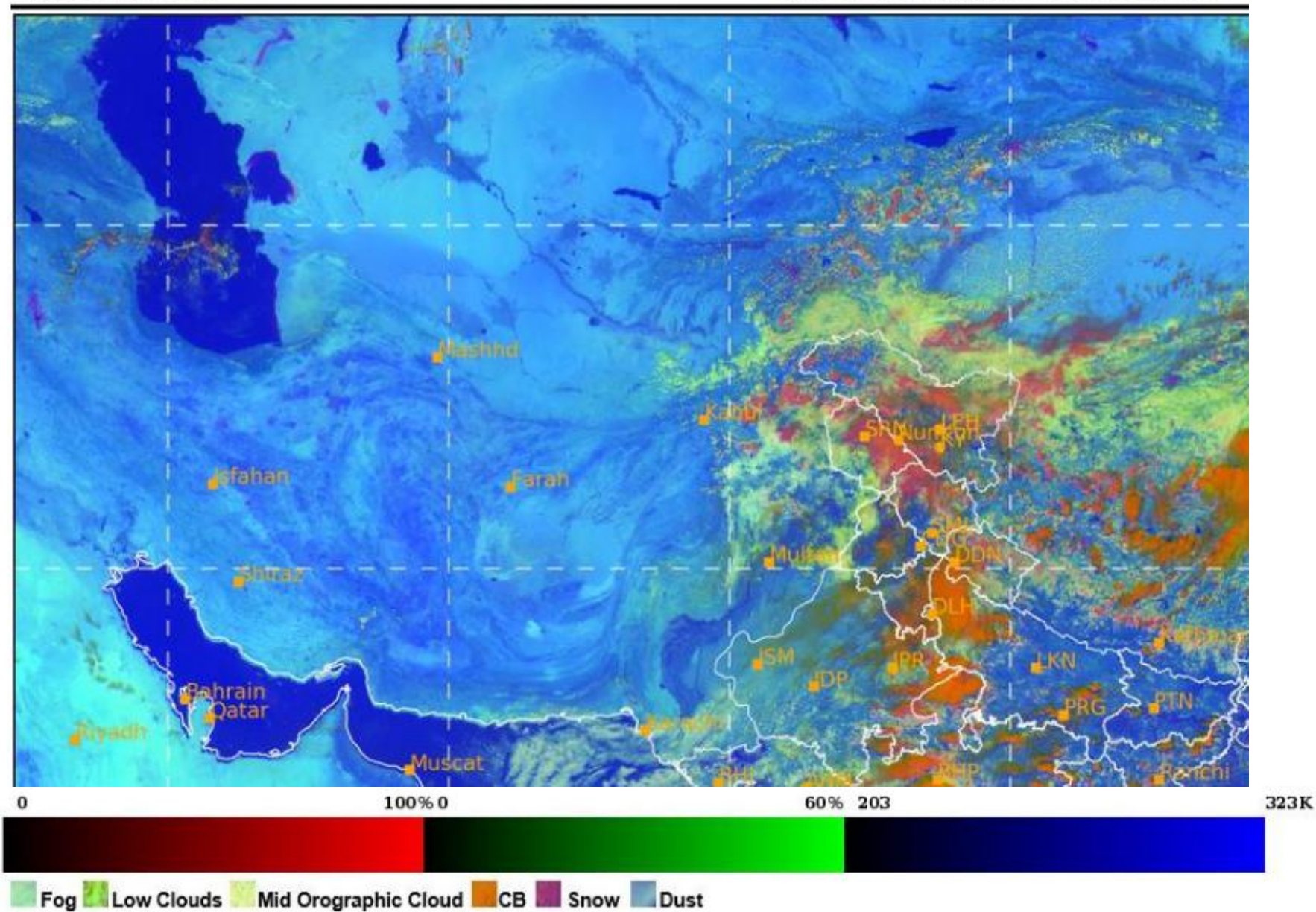
SAT : INSAT-3DR IMG

23-07-2025/(0745 to 0811) GMT

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

L1C Mercator

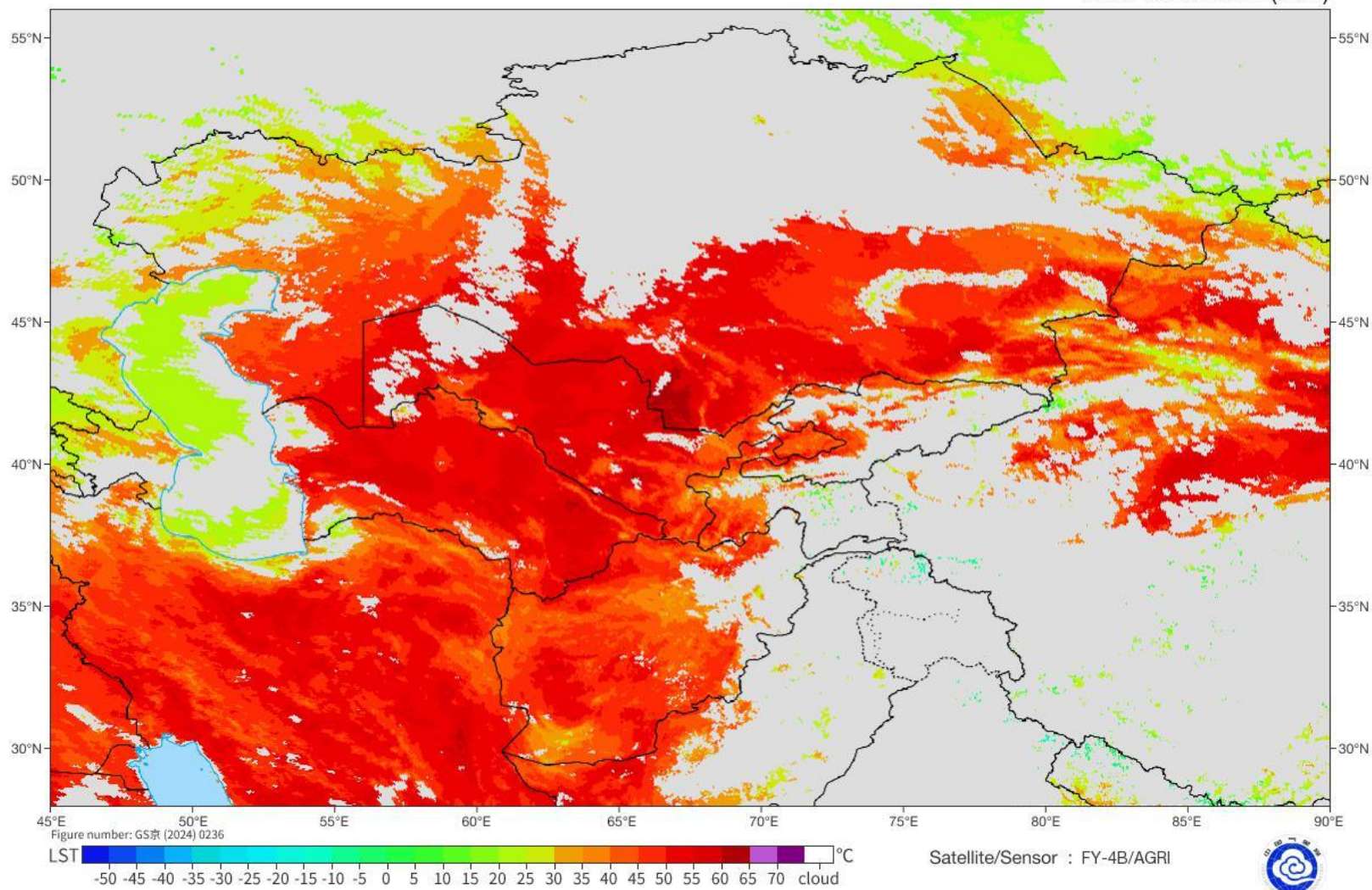
23-07-2025/(1315 to 1341) IST





Land Surface Temperature

2025-07-23 08:45(UTC)



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

23-07-2025/(0745 to 0811) GMT
23-07-2025/(1315 to 1341) IST

