



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



Daily reports of Satellite imagery analysis. Date & Time: 06/08/2025, 09:00 UTC

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	√ dry	X	X	
3	West	✓	✓	X	X	X	√ dry	X	X	
4	East	✓	X	X	✓	X	√ weak	X	X	
5	central	✓	✓	X	X	X	√ dry	X	X	
6	Northeast	✓	✓	X	X	X	√ weak	X	X	
7	Southeast	✓	✓	X	X	X	√ dry	X	X	
8	Northwest	✓	✓	X	X	X	√ dry	X	X	
9	Southwest	X	✓	X	X	X	√ dry	X	X	

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

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

Reported by: Mohammad Jawed Moradi

UTC : 2025-08-06 08:45

AirMass

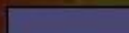


Thick,
high-level cloud



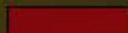
Thick,

mid-level cloud



Thick,

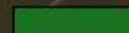
low-level cloud



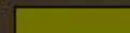
Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

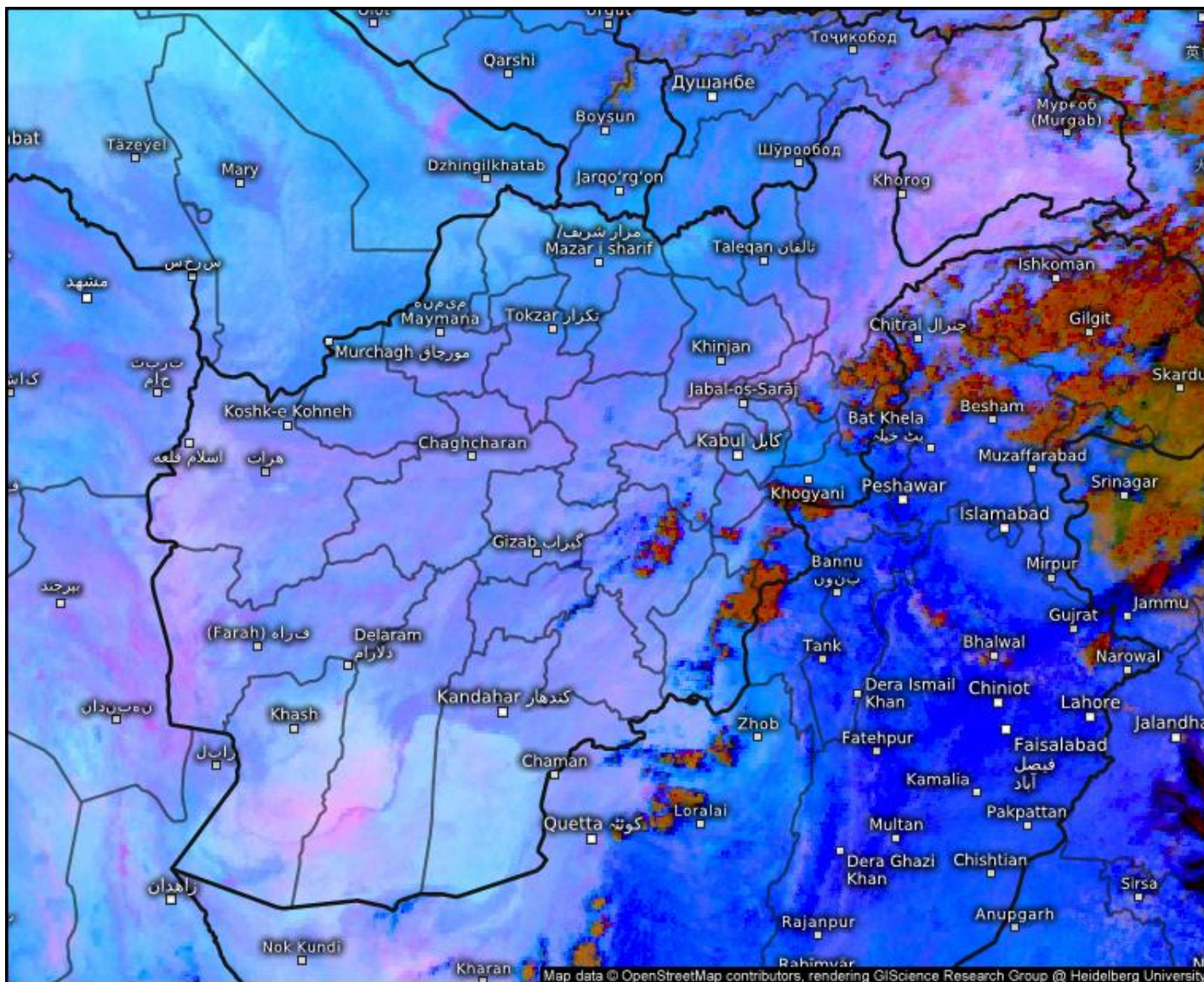
R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.8)

B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)





Satellite Dust

Wed 08/06/2025, 01:30pm GMT+0430

© Kachelmann GmbH - Download for private use only!

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

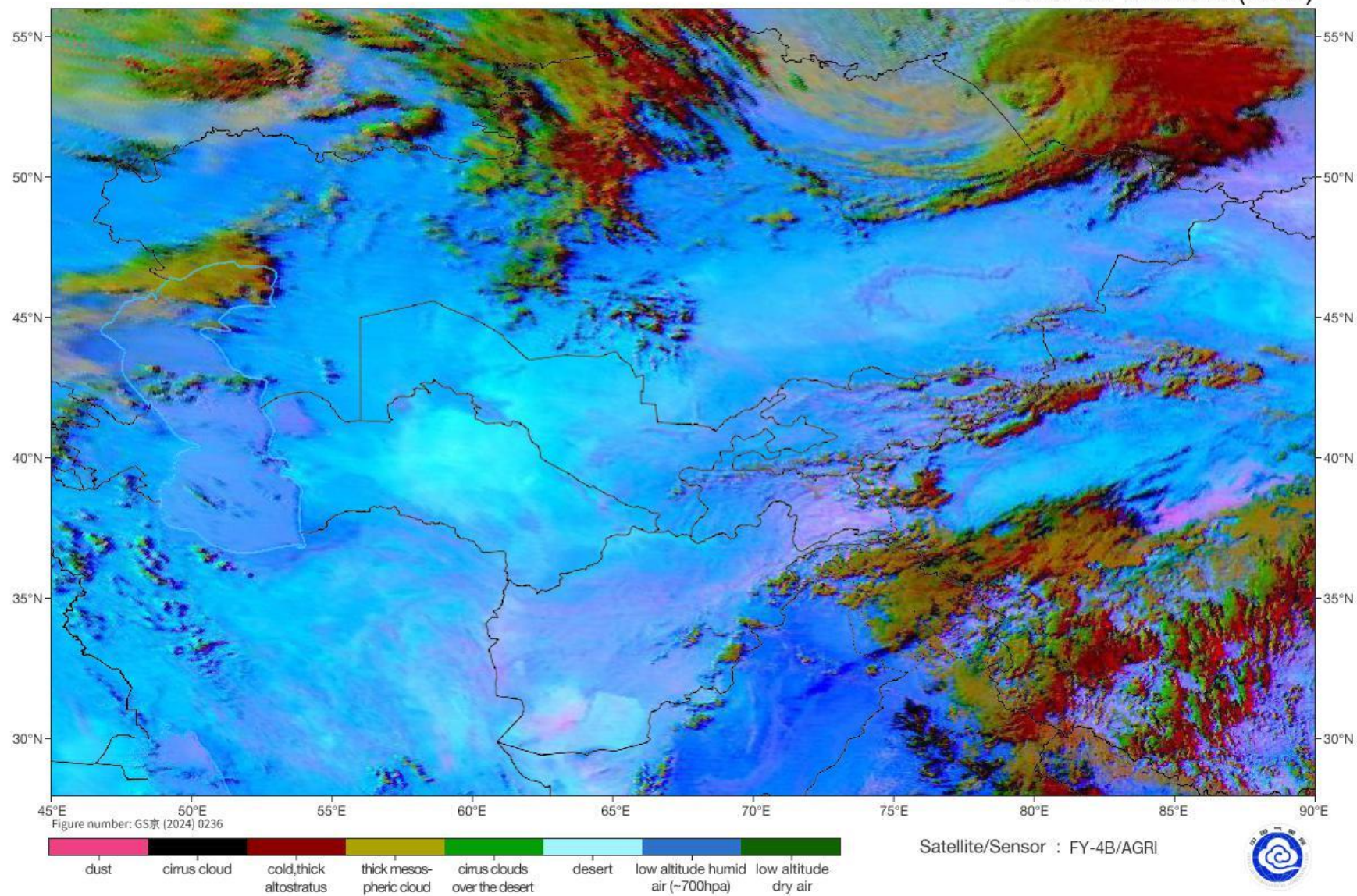
Afghanistan

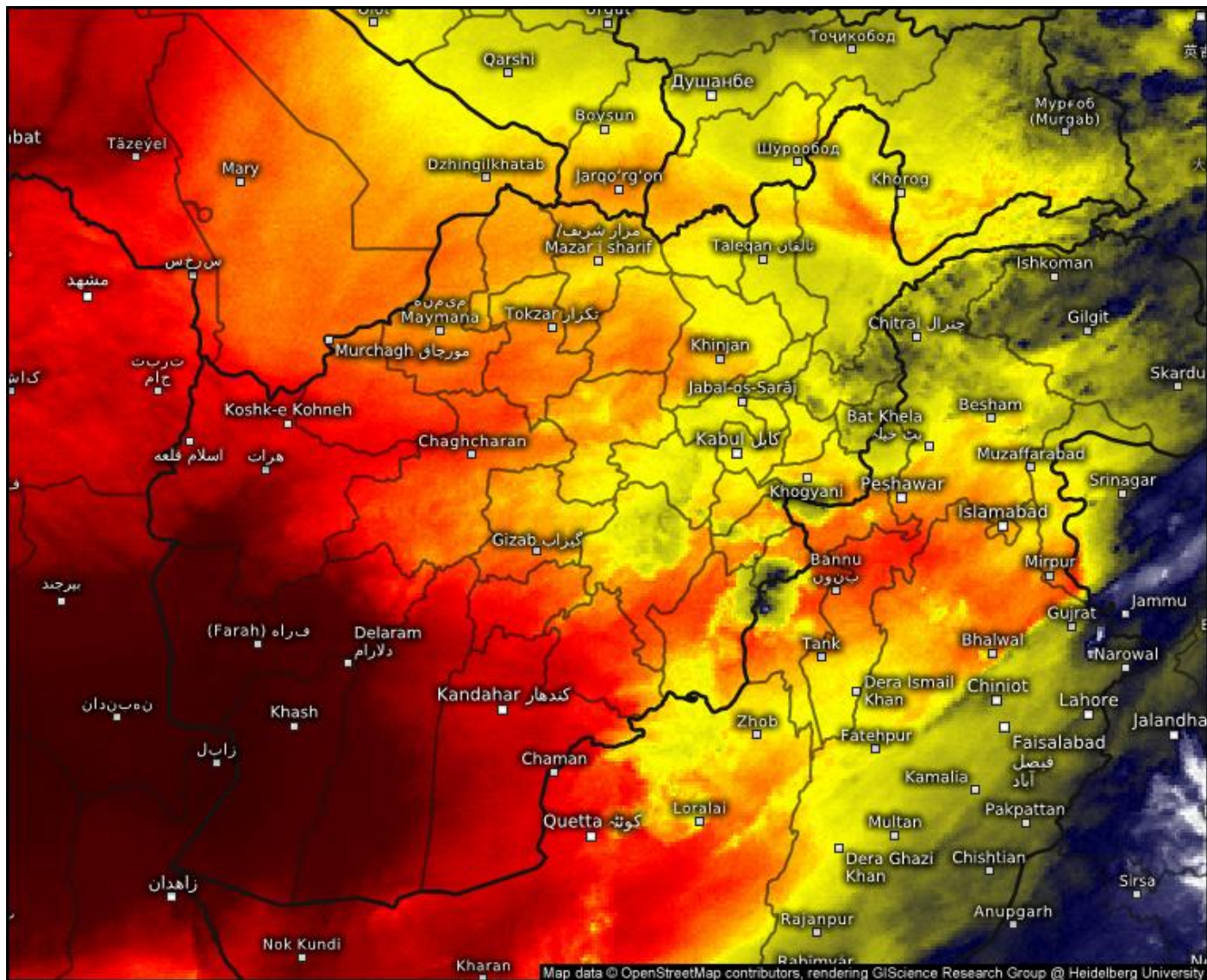
meteologix.com

Satellite data: EUMETSAT

Sand And Dust Identification

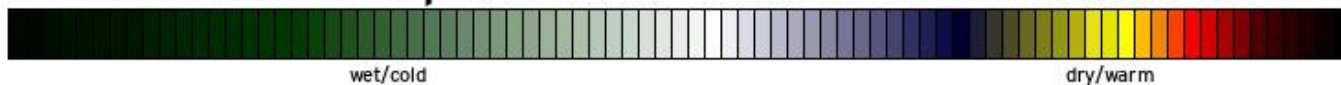
2025-08-06 09:00(UTC)





Satellite Water Vapor

Wed 08/06/2025, 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

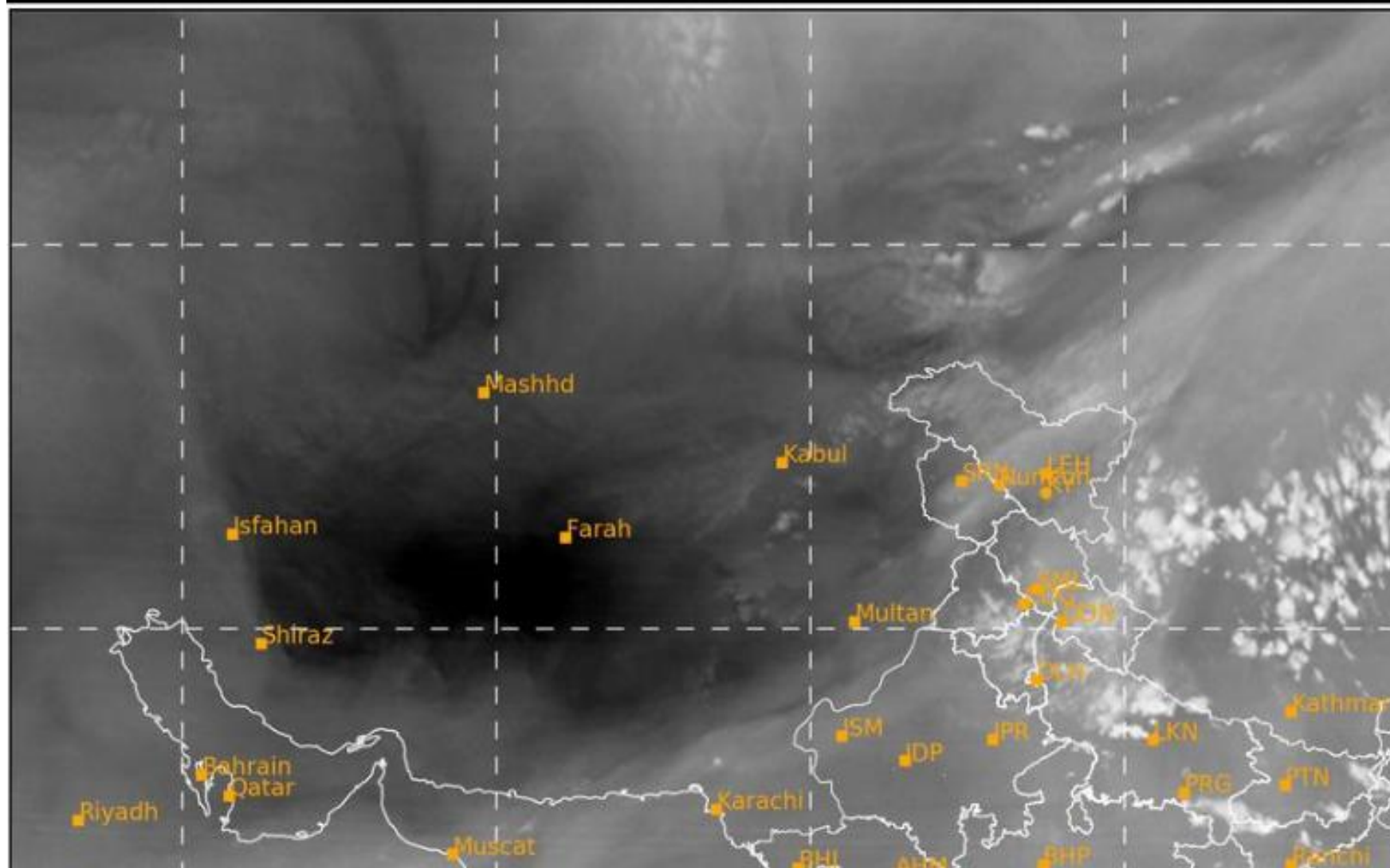
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

06-08-2025/(0745 to 0812) GMT

06-08-2025/(1315 to 1342) IST



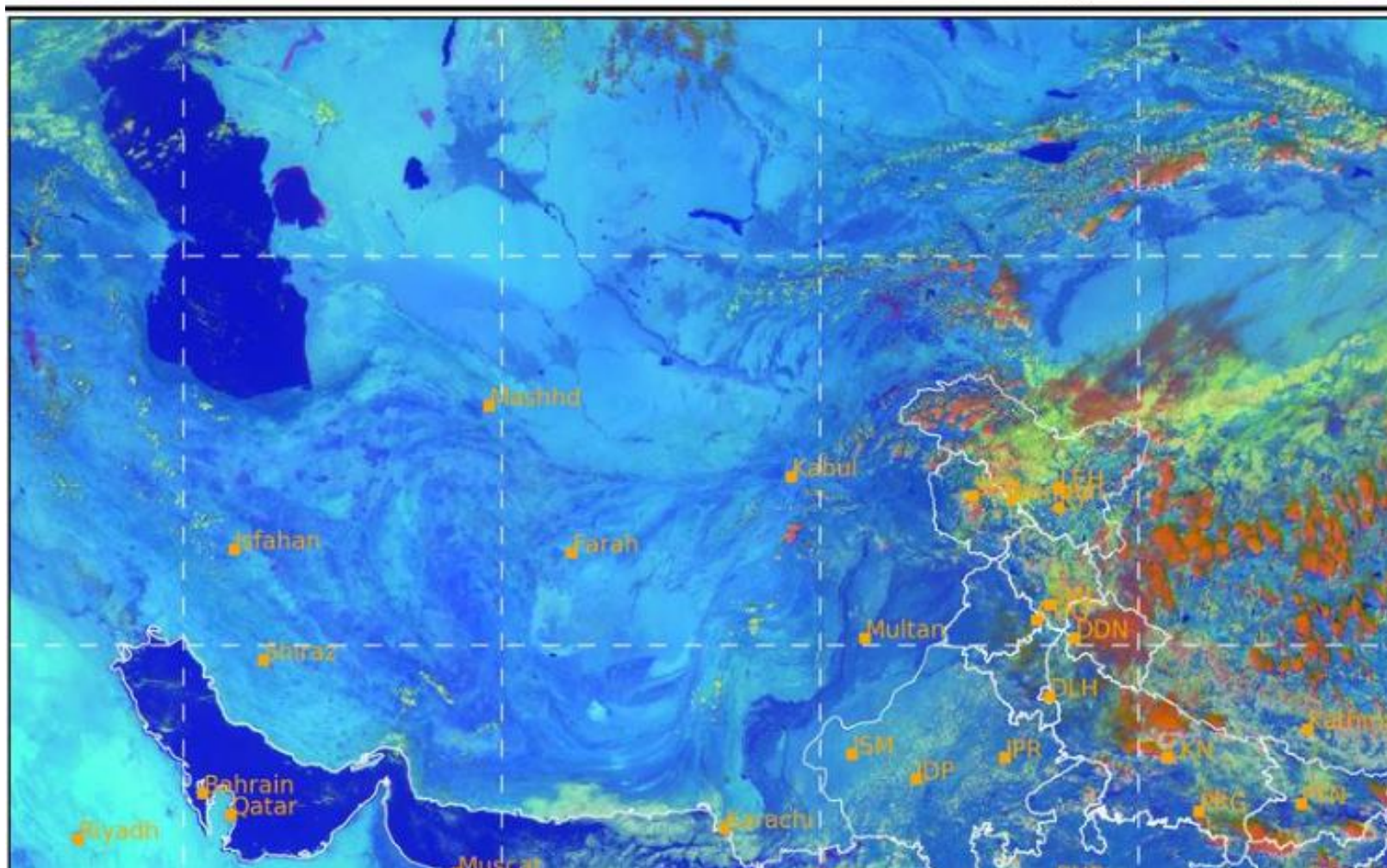
SAT : INSAT-3DR IMG

06-08-2025/(0745 to 0812) GMT

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

L1C Mercator

06-08-2025/(1315 to 1342) IST

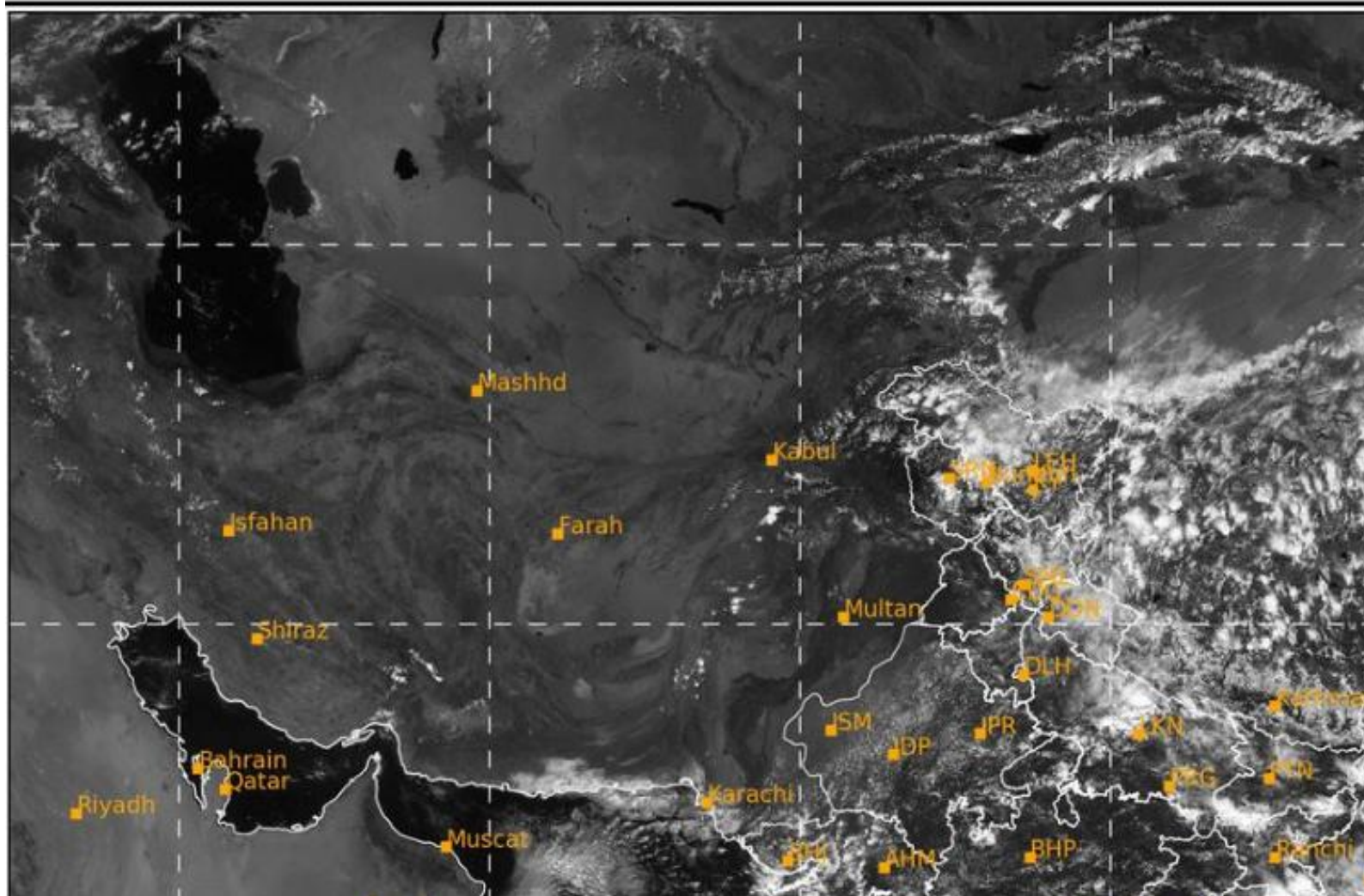


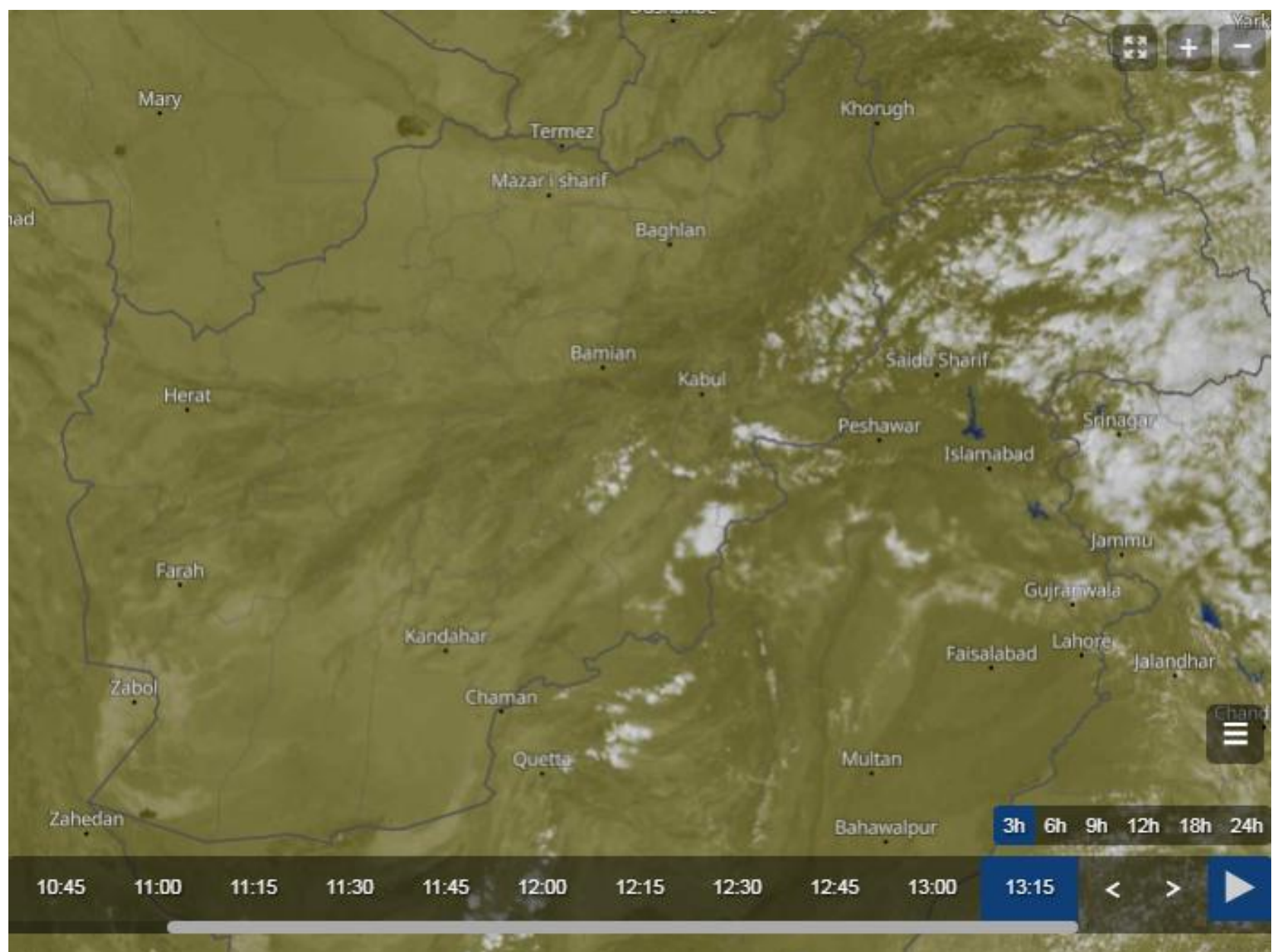
0 100% 0 60% 203 323K

Fog Low Clouds Mid Orographic Cloud CB Snow Dust

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

06-08-2025/(0745 to 0812) GMT
06-08-2025/(1315 to 1342) IST





Land Surface Temperature

2025-08-06 08:45(UTC)

