



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



Daily reports of Satellite imagery analysis. Date & Time: 07/08/2025, 06:00 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	√ weak	X	X	
5	central	✓	✓	X	X	X	√ dry	X	X	
6	Northeast	✓	✓	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	X	√ dry	X	X	

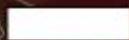
Details: according to satellite imagery analysis the northern, western, eastern, central, northeastern, southeastern and northwestern areas have weak worm air mass. The southern, western, central, northeastern, southeastern, northwestern and southwestern areas have weak dust. The eastern area has partly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

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

Reported by: Mohammad Jawed Moradi

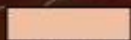
UTC : 2025-08-07 05:45

AirMass



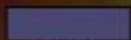
Thick,

high-level cloud



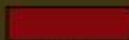
Thick,

mid-level cloud



Thick,

low-level cloud



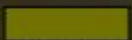
Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

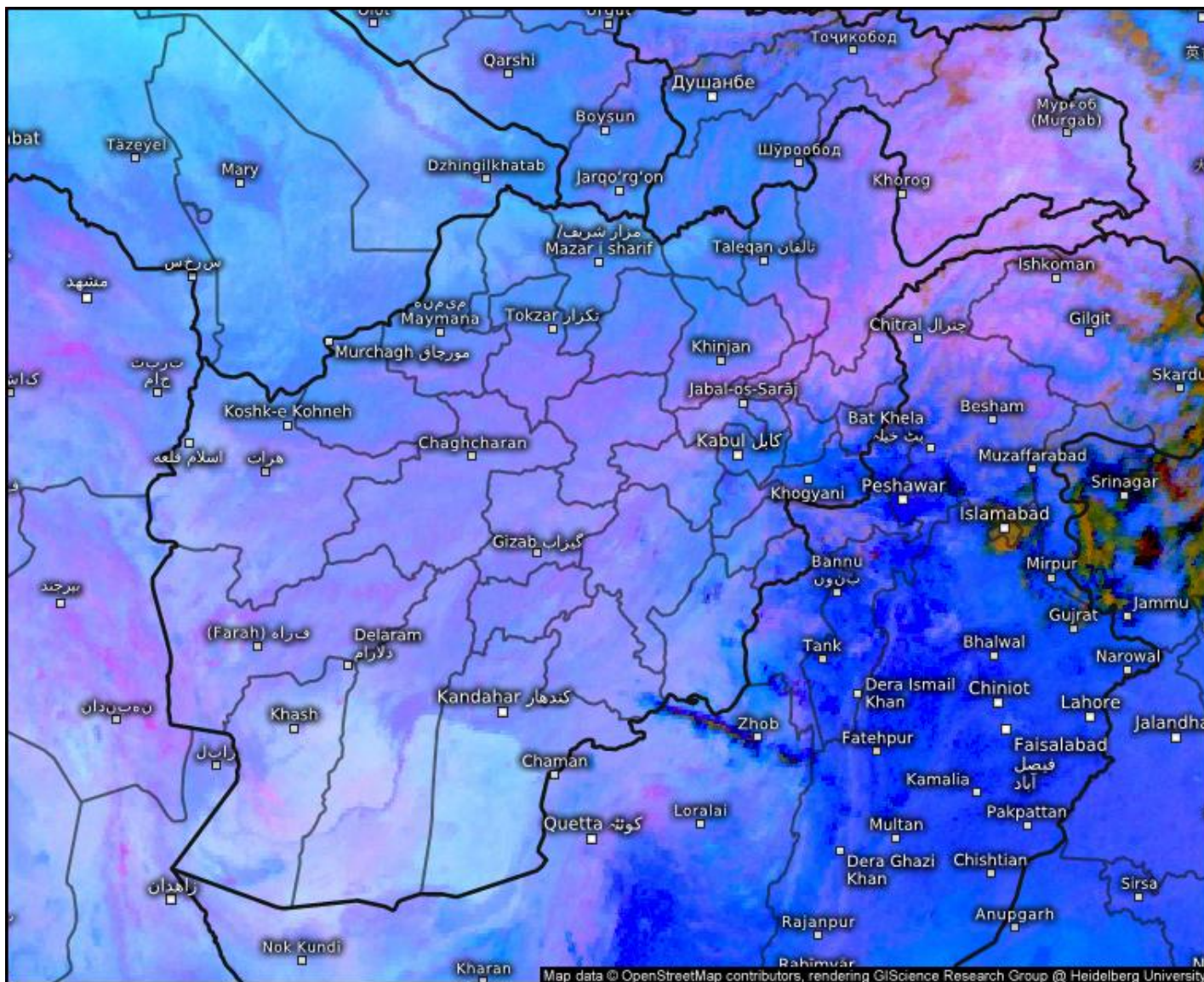
R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.8)

B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)





Satellite Dust

Thu 08/07/2025, 10:15am GMT+0430

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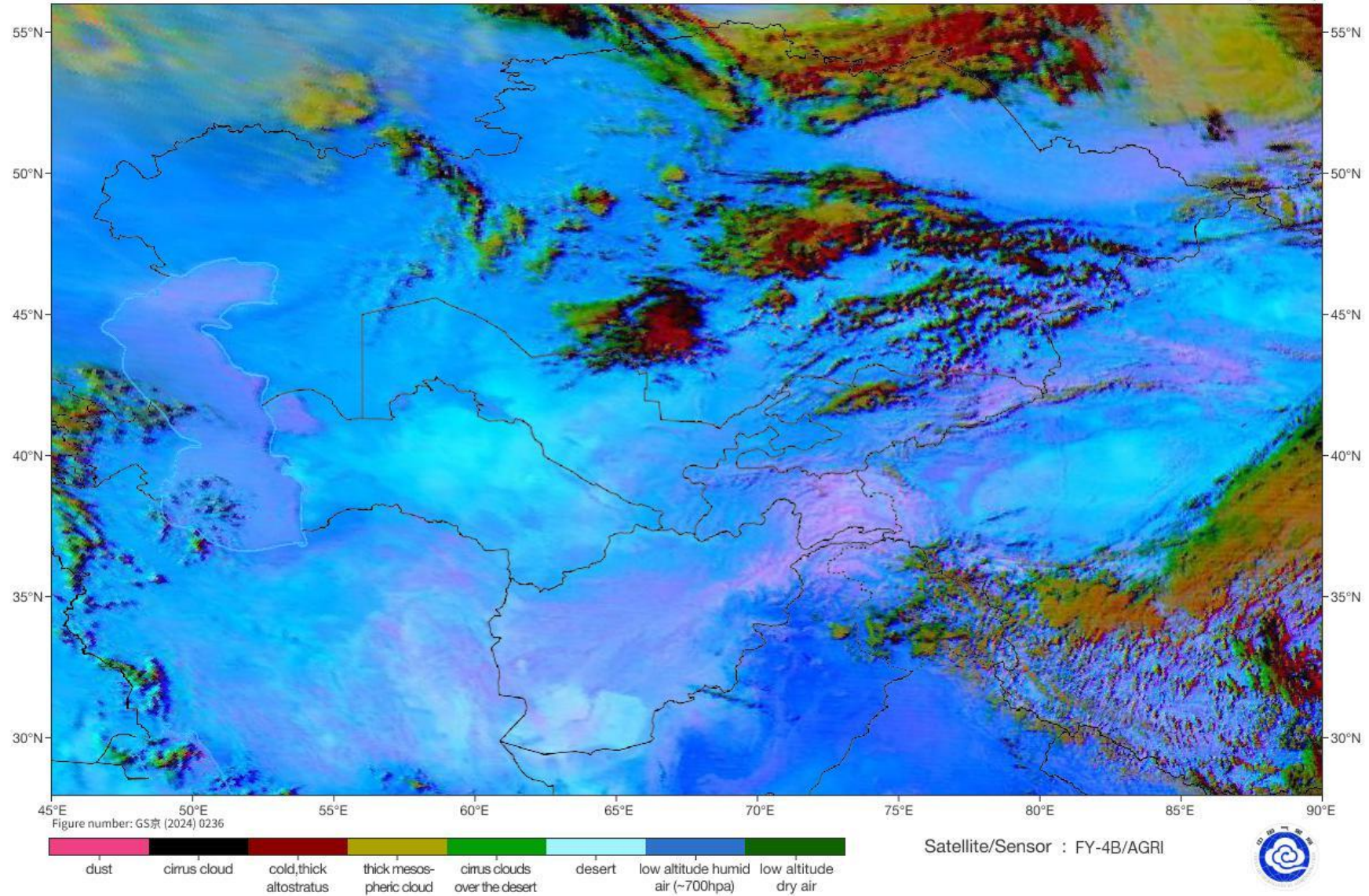
Afghanistan

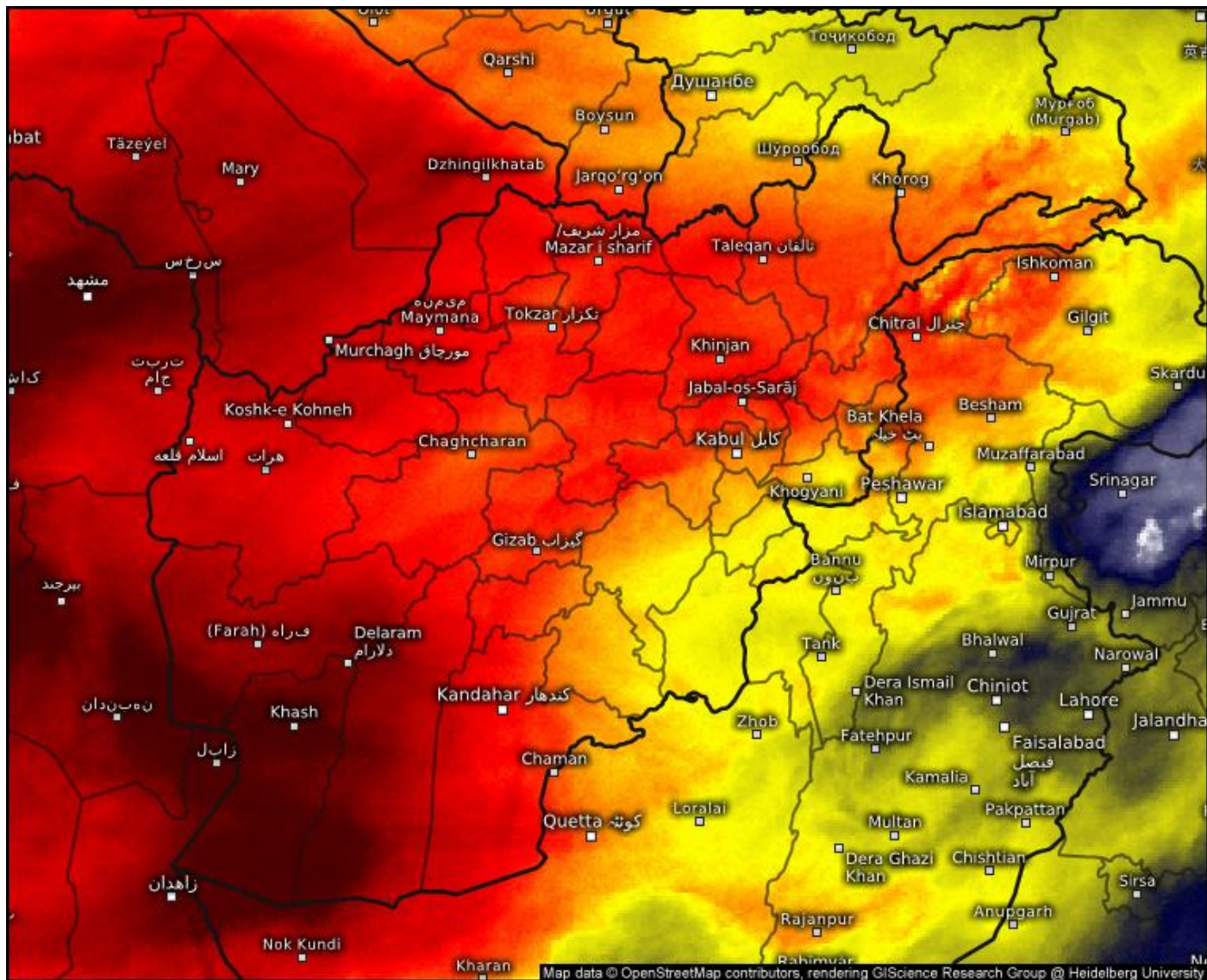
 **meteologix.com**

Satellite data: EUMETSAT

Sand And Dust Identification

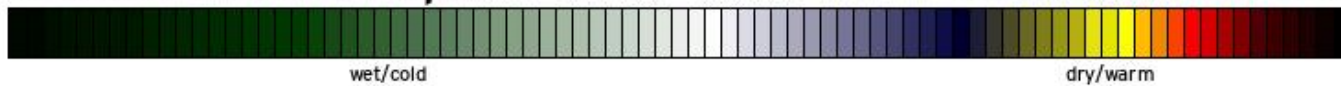
2025-08-07 05:45(UTC)





Satellite Water Vapor

Thu 08/07/2025, 10:30am GMT+0430



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 Afghanistan

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Satellite data: EUMETSAT

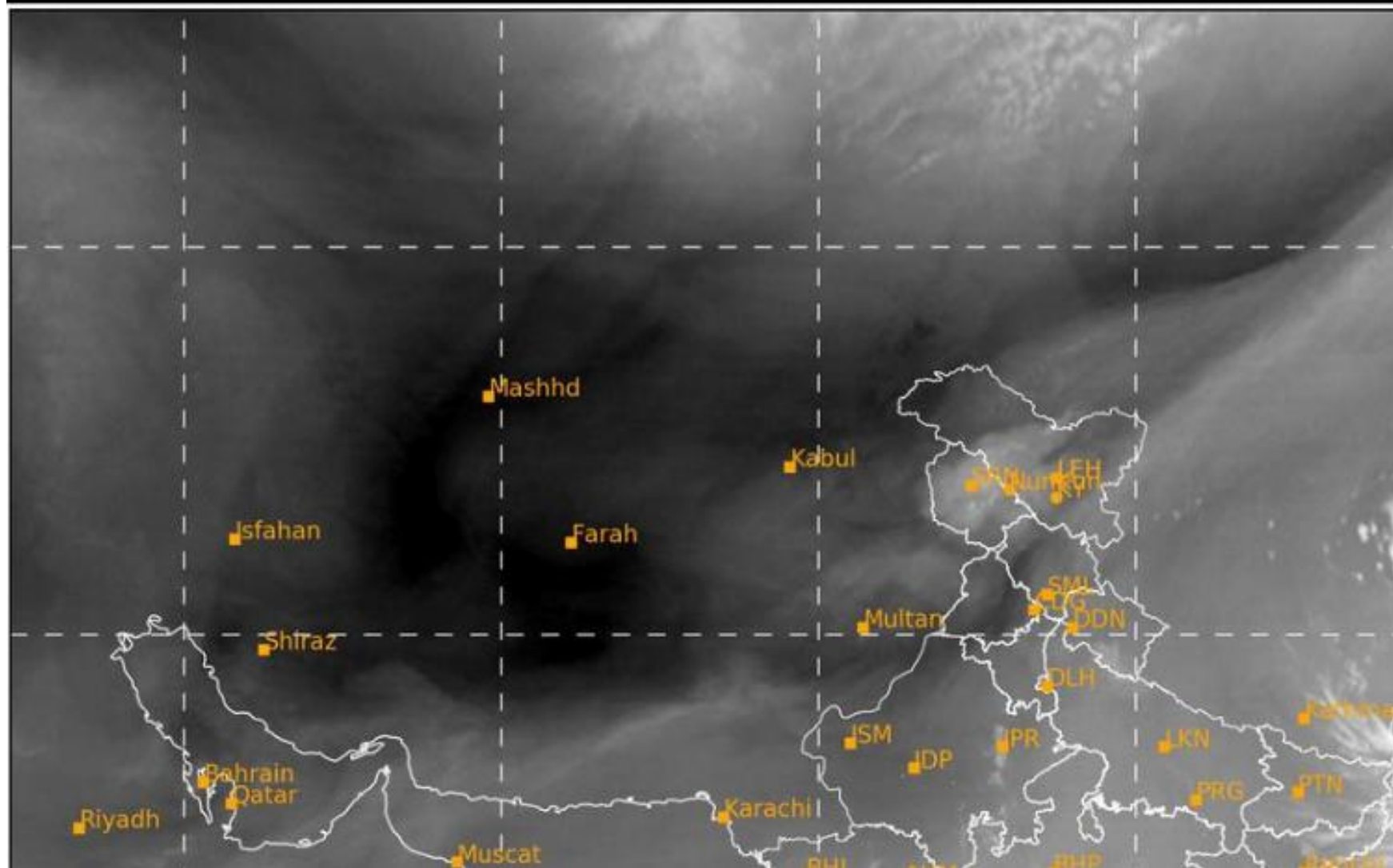
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

07-08-2025/(0445 to 0511) GMT

07-08-2025/(1015 to 1041) IST



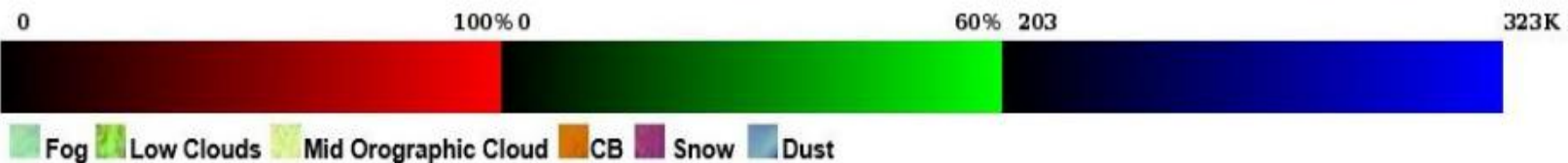
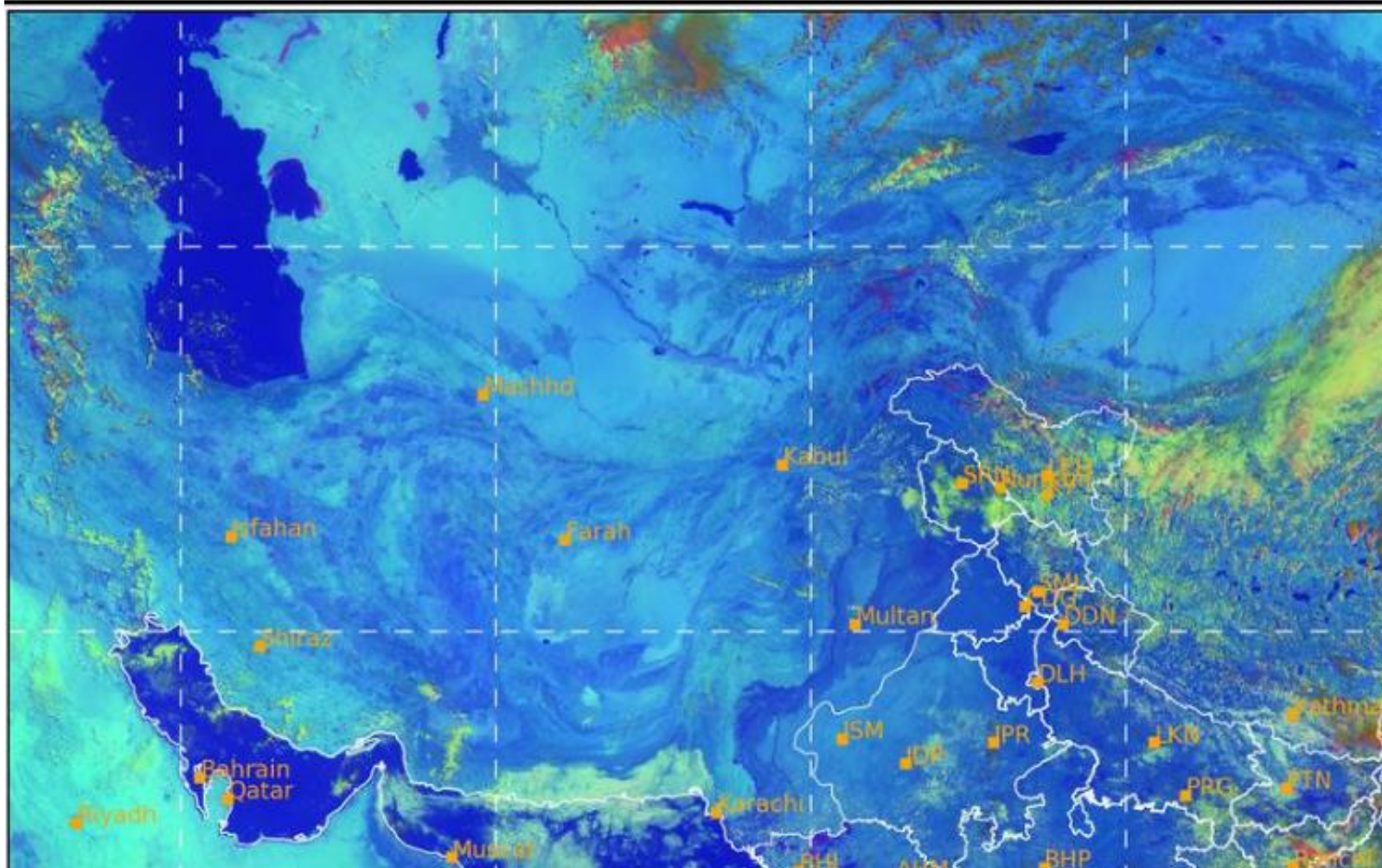
SAT : INSAT-3DR IMG

07-08-2025/(0445 to 0511) GMT

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

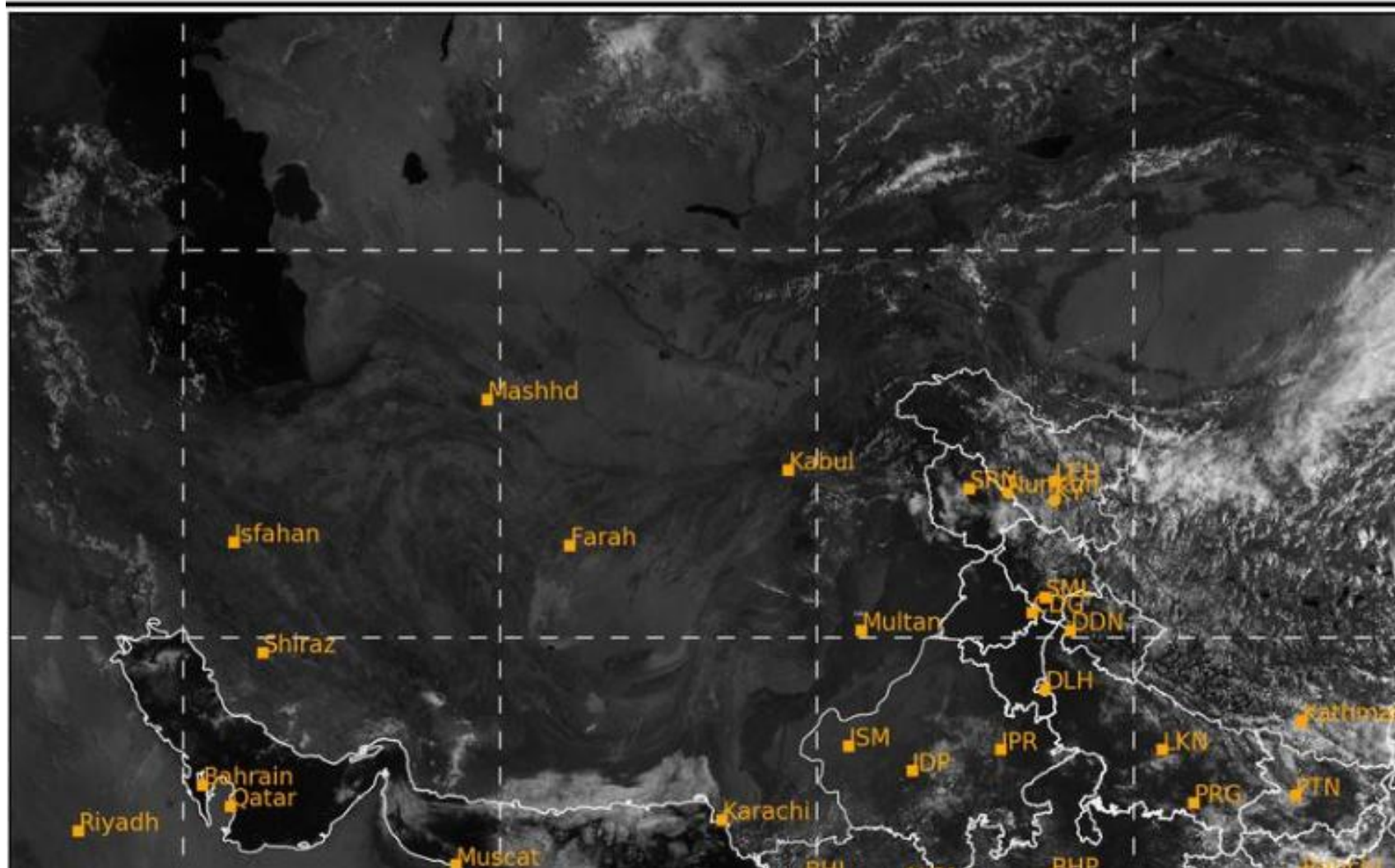
L1C Mercator

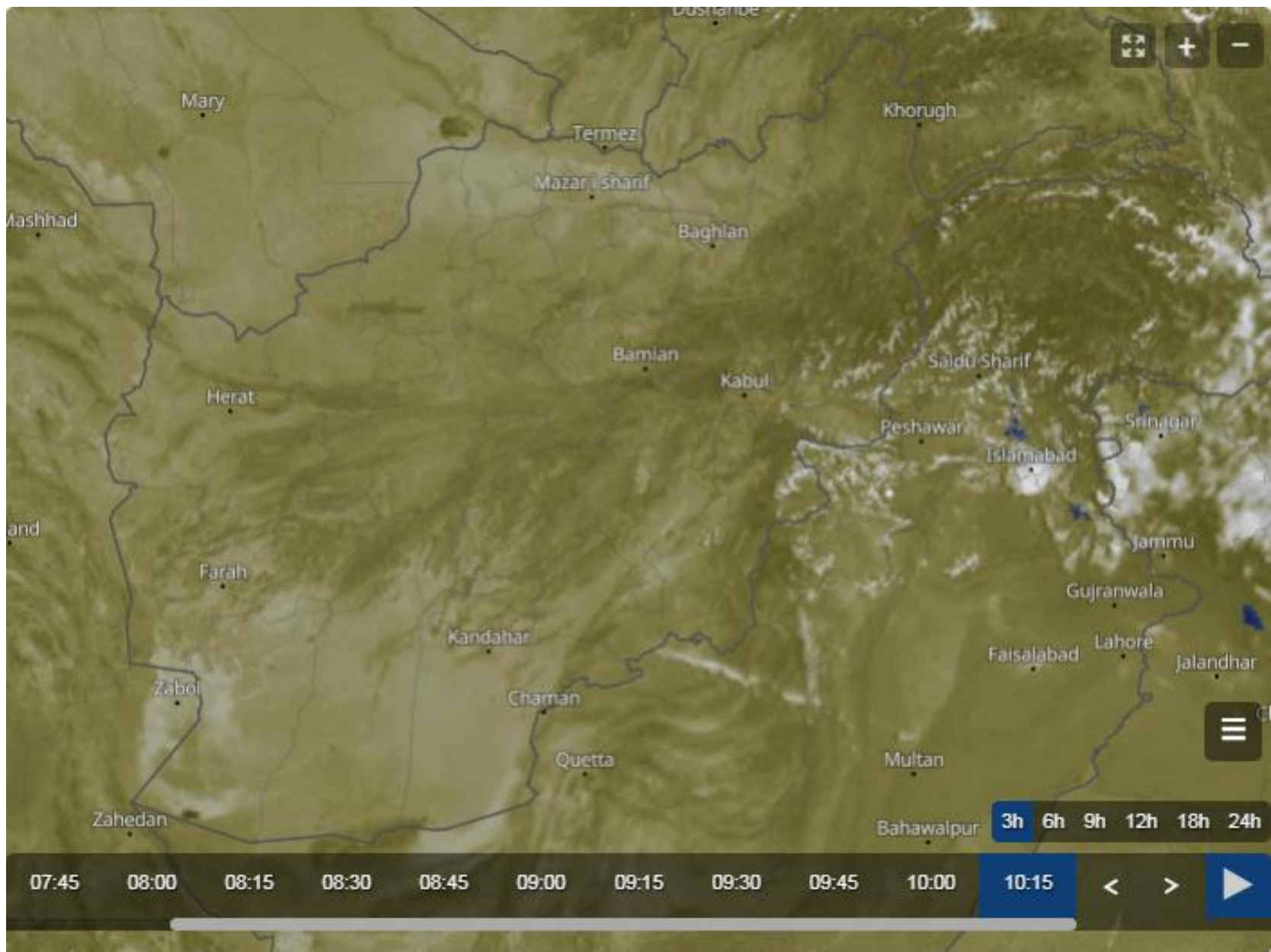
07-08-2025/(1015 to 1041) IST



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

07-08-2025/(0445 to 0511) GMT
07-08-2025/(1015 to 1041) IST





Land Surface Temperature

2025-08-07 05:45(UTC)

