



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



Daily reports of Satellite imagery analysis. Date & Time: 21/06/2025, 09:00 UTC, Number of reports: 1057

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	X	√ dry	X	X	
3	West	✓	✓	X	X	X	√ dry	X	X	
4	East	✓	✓	X	X	X	√ dry	X	X	
5	central	✓	✓	X	X	X	√ dry	X	X	
6	Northeast	X	X	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 western, eastern, central, southeastern and northwestern areas have worm air mass. The northern, western, eastern, central, southeastern and northwestern areas have dust but the southwestern area has dust storm. The northern, southern, western, eastern, central, northeastern, southeastern, northwestern and southwestern areas are dry.

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

Reported by: Mohammad Jawed Moradi

UTC : 2025-06-21 09:00

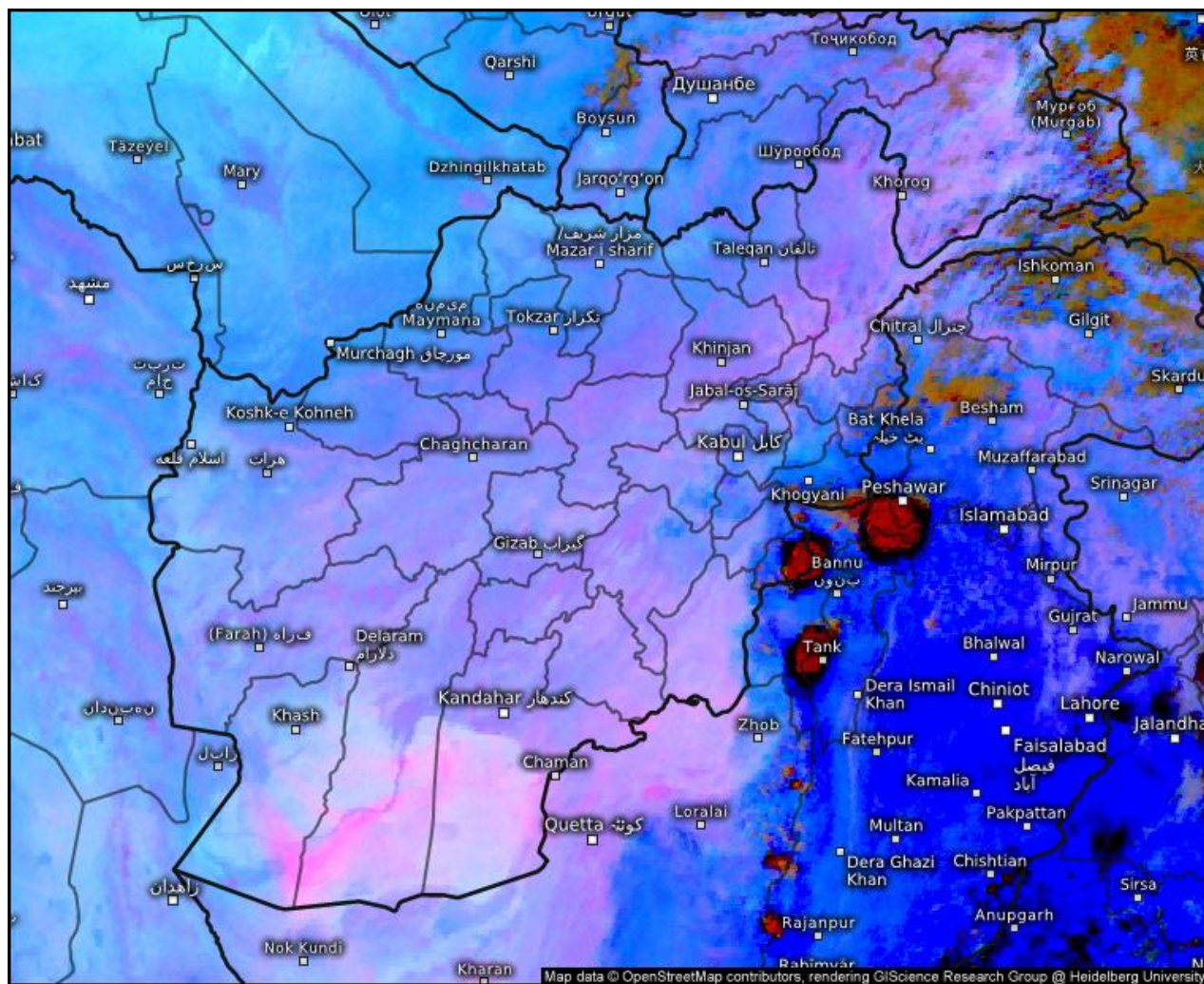
AirMass

Thick, high-level cloud	Thick, mid-level cloud	Thick, low-level cloud	Jet	Cold Airmass	Warm Airmass (high UTH)	Warm Airmass (low UTH)
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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

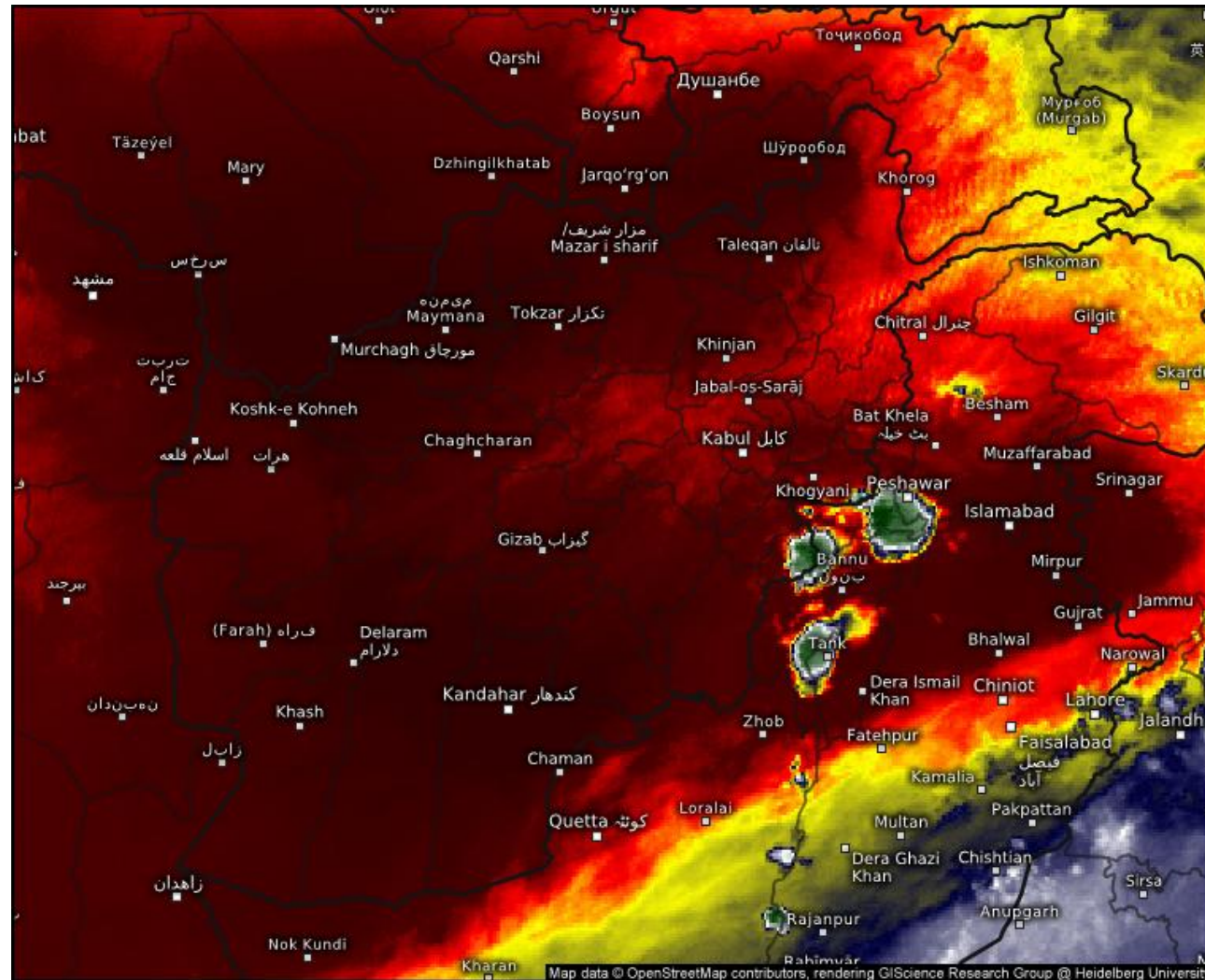
Sat 06/21/2025, 01:30pm GMT+0430

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Afghanistan

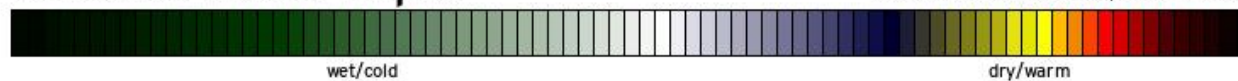
meteologix.com

Satellite data: EUMETSAT



Satellite Water Vapor

Sat 06/21/2025, 01:30pm GMT+0430



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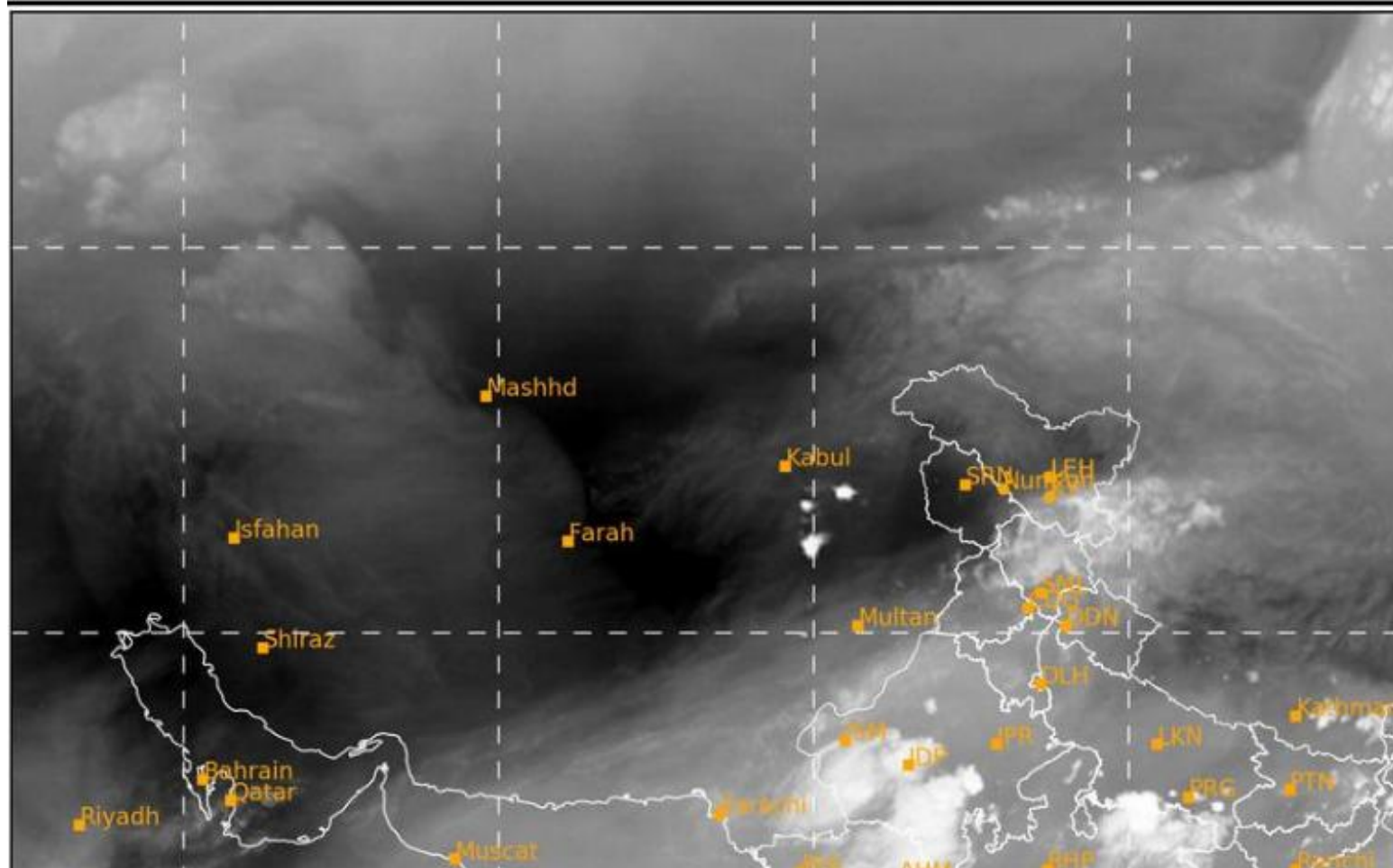
Sharing: Please get the pic's permalink from share button top right
Afghanistan

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Satellite data: EUMETSAT

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

21-06-2025/(0745 to 0812) GMT
21-06-2025/(1315 to 1342) IST



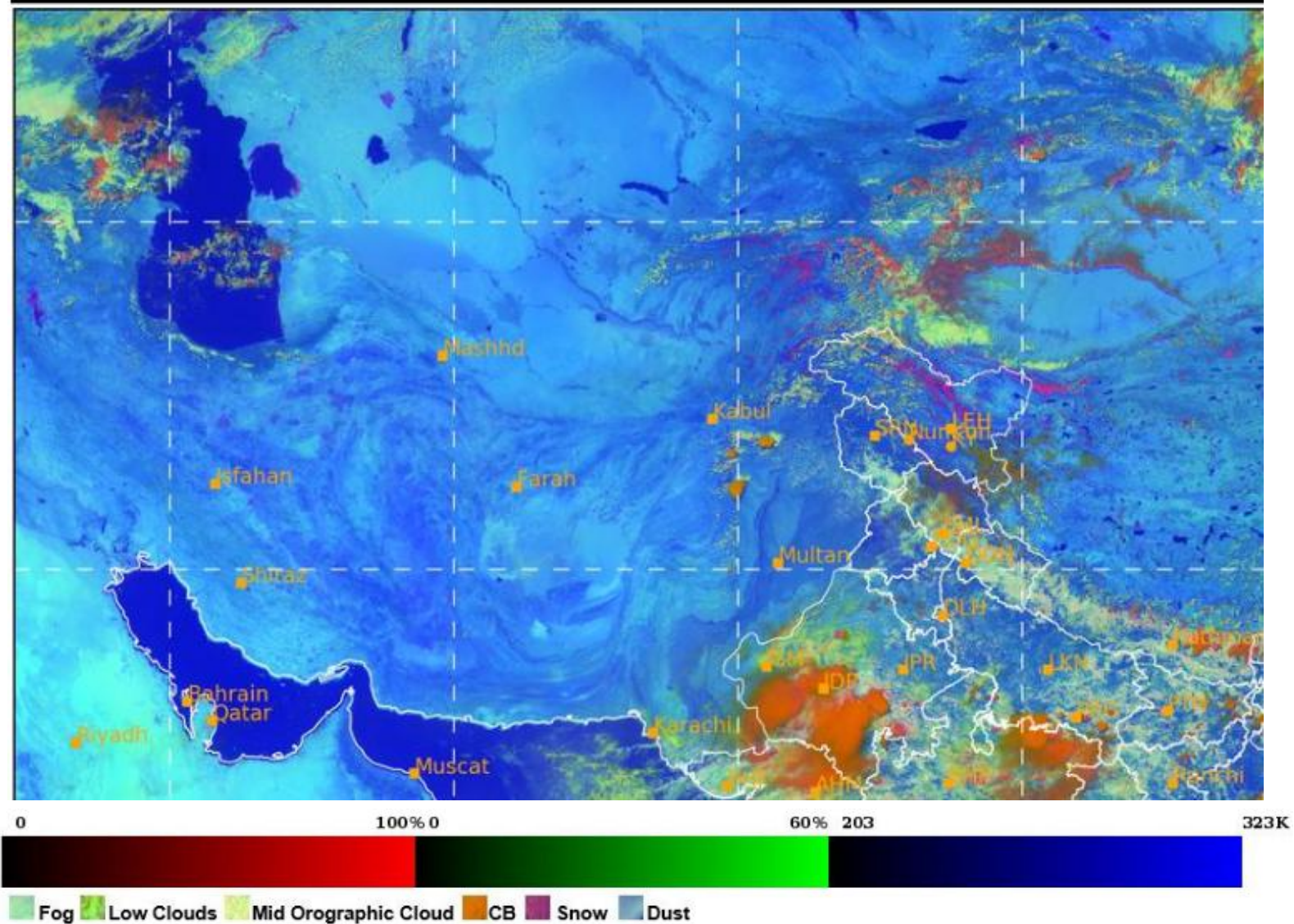
+

21-06-2025/(0745 to 0812) GMT

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

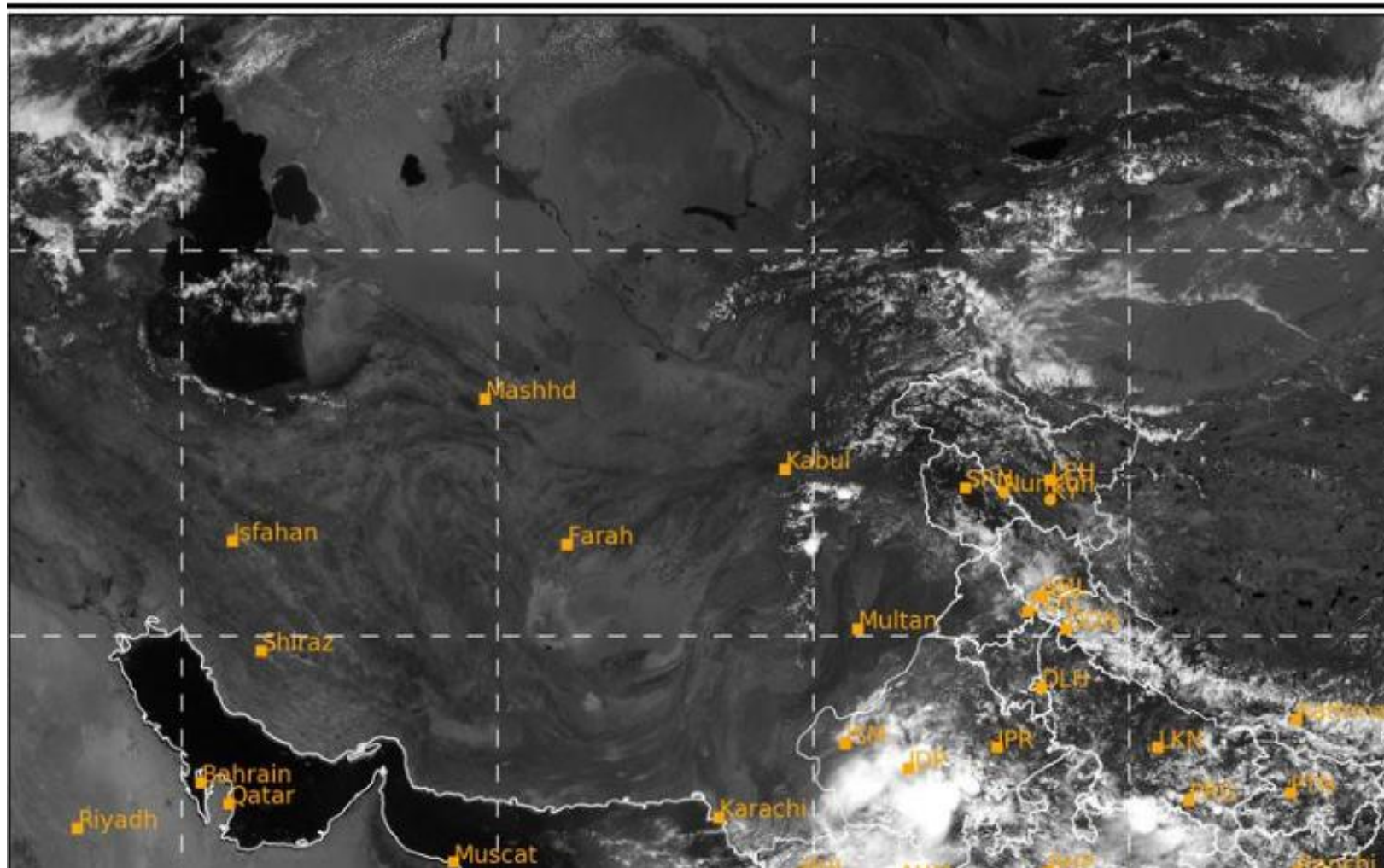
L1C Mercator

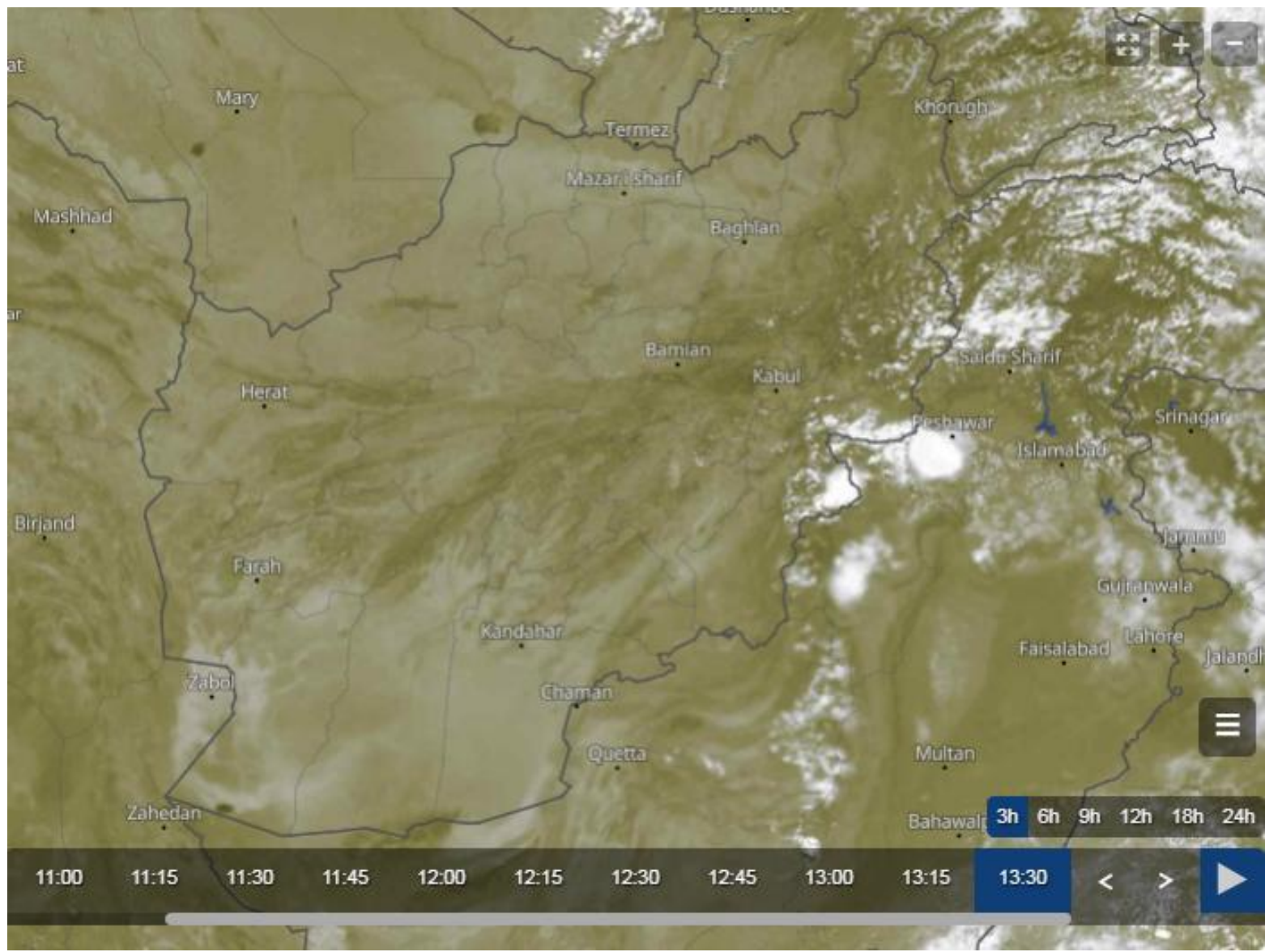
21-06-2025/(1315 to 1342) IST



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

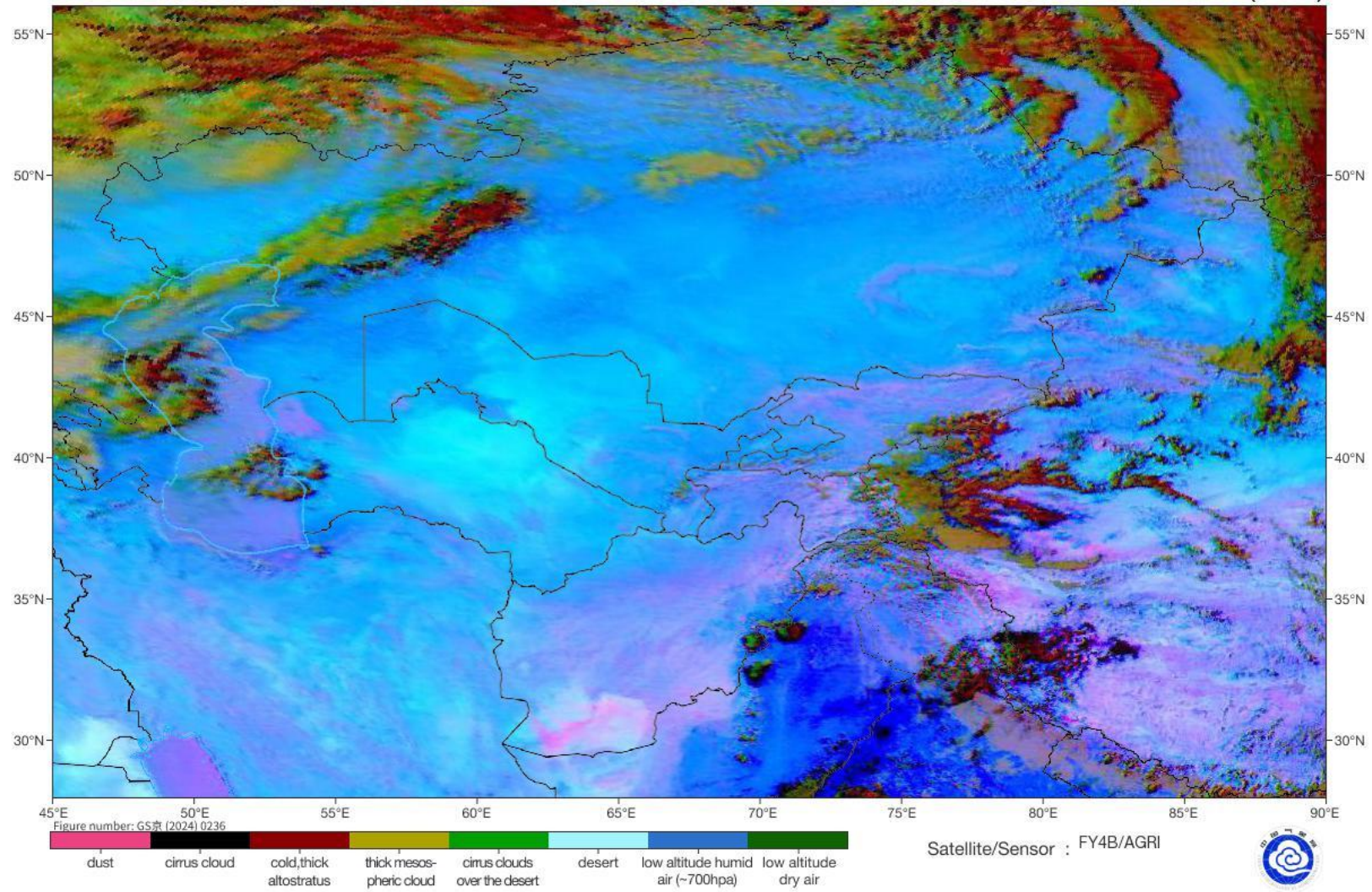
21-06-2025/(0745 to 0812) GMT
21-06-2025/(1315 to 1342) IST





Sand And Dust Identification

2025-06-21 09:00(UTC)



Land Surface Temperature

2025-06-21 09:00(UTC)

