



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



Daily reports of Satellite imagery analysis. Date & Time: 22/05/2025, 06:00 UTC, Number of reports: 995

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

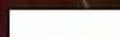
Details: according to satellite imagery analysis the southern, western, eastern, central, northeastern, southeastern and northwestern areas have worm air mass The southern, western, eastern, central, northeastern, southeastern and southwestern areas have dust. The northern, western, eastern, central,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

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

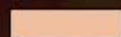
- Reported by: Mohammad Jawed Moradi

UTC : 2025-05-22 06:00

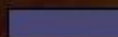
AirMass



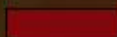
Thick,
high-level cloud



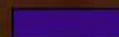
Thick,
mid-level cloud



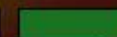
Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

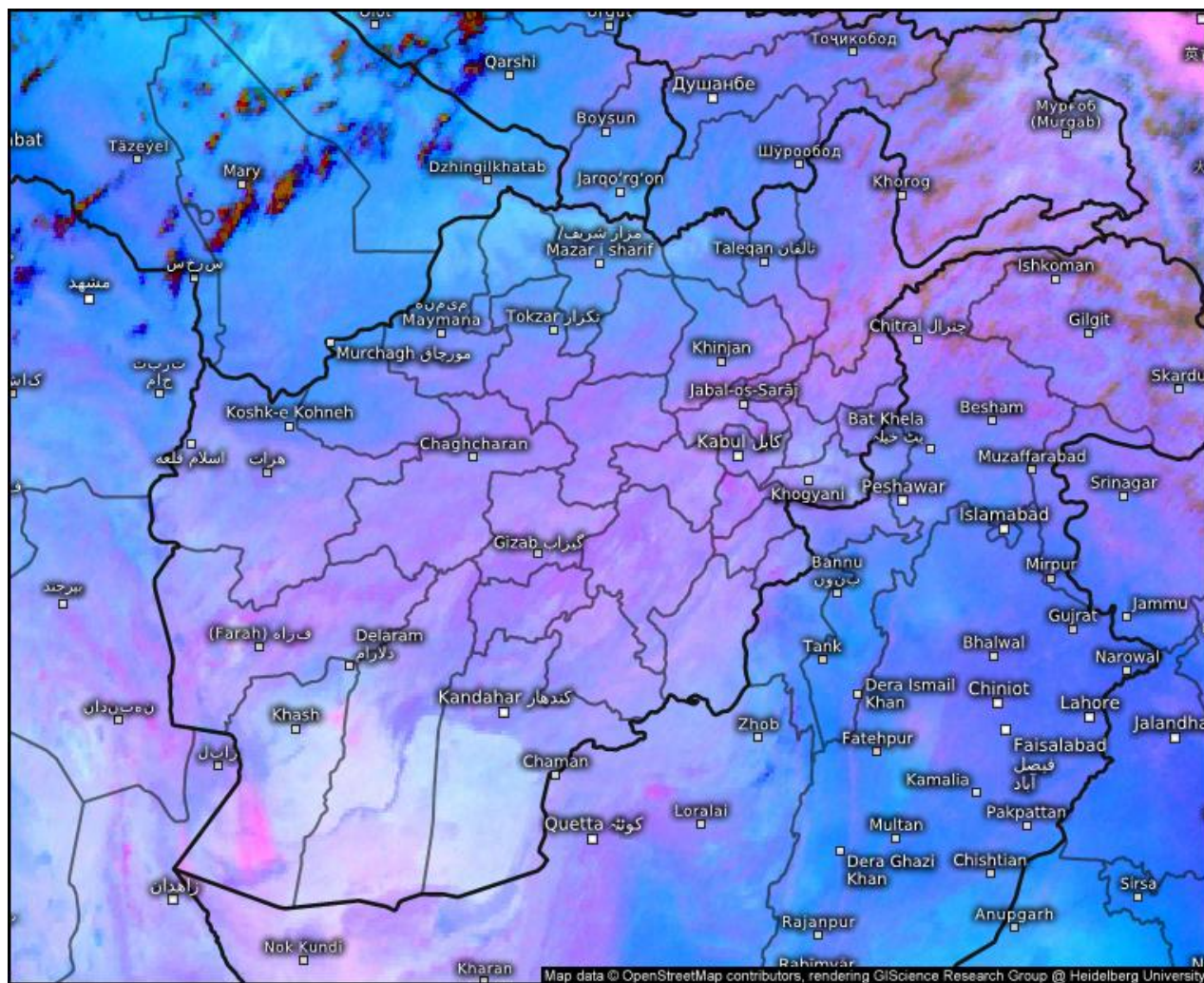
R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.8)

B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)





Satellite Dust

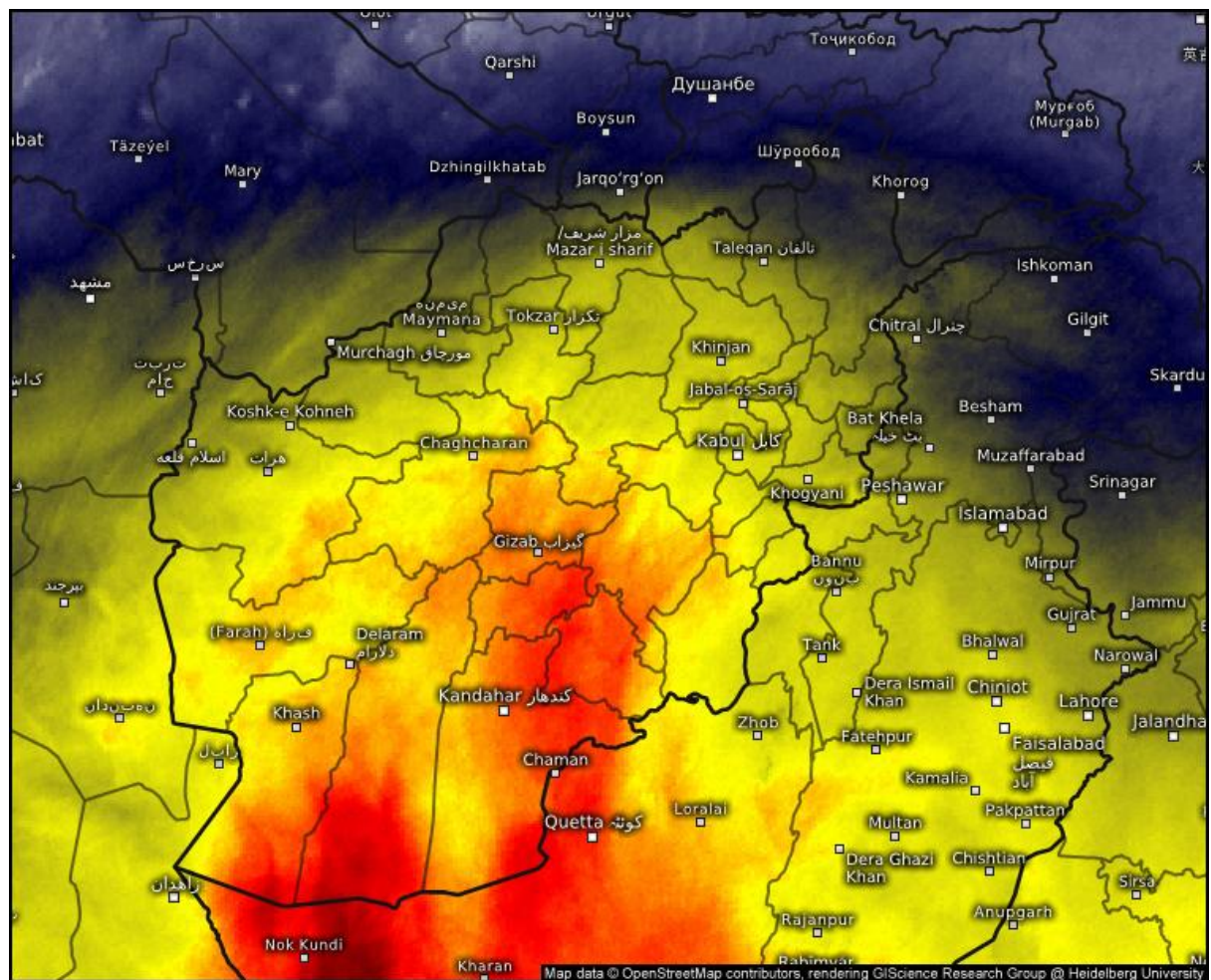
Thu 05/22/2025, 10:30am GMT+0430

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Afghanistan

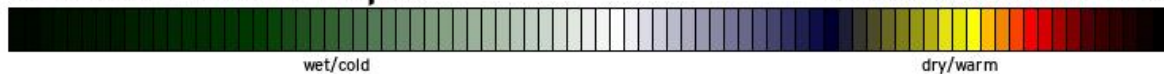
 **meteologix.com**

Satellite data: EUMETSAT



Satellite Water Vapor

Thu 05/22/2025, 10:30am GMT+0430



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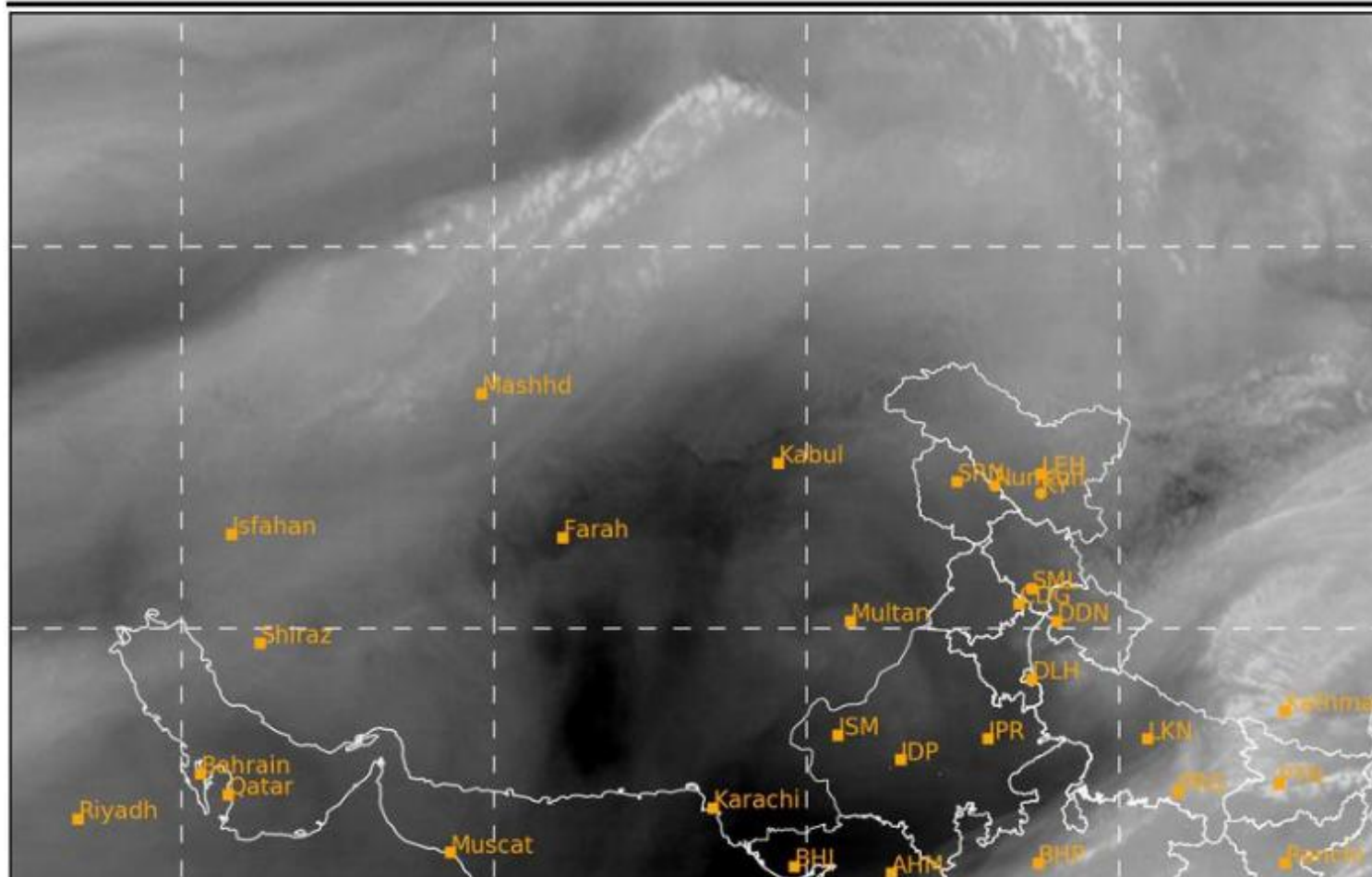
Sharing: Please get the pic's permalink from share button top right
Afghanistan

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Satellite data: EUMETSAT

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

22-05-2025/(0515 to 0542) GMT
22-05-2025/(1045 to 1112) IST



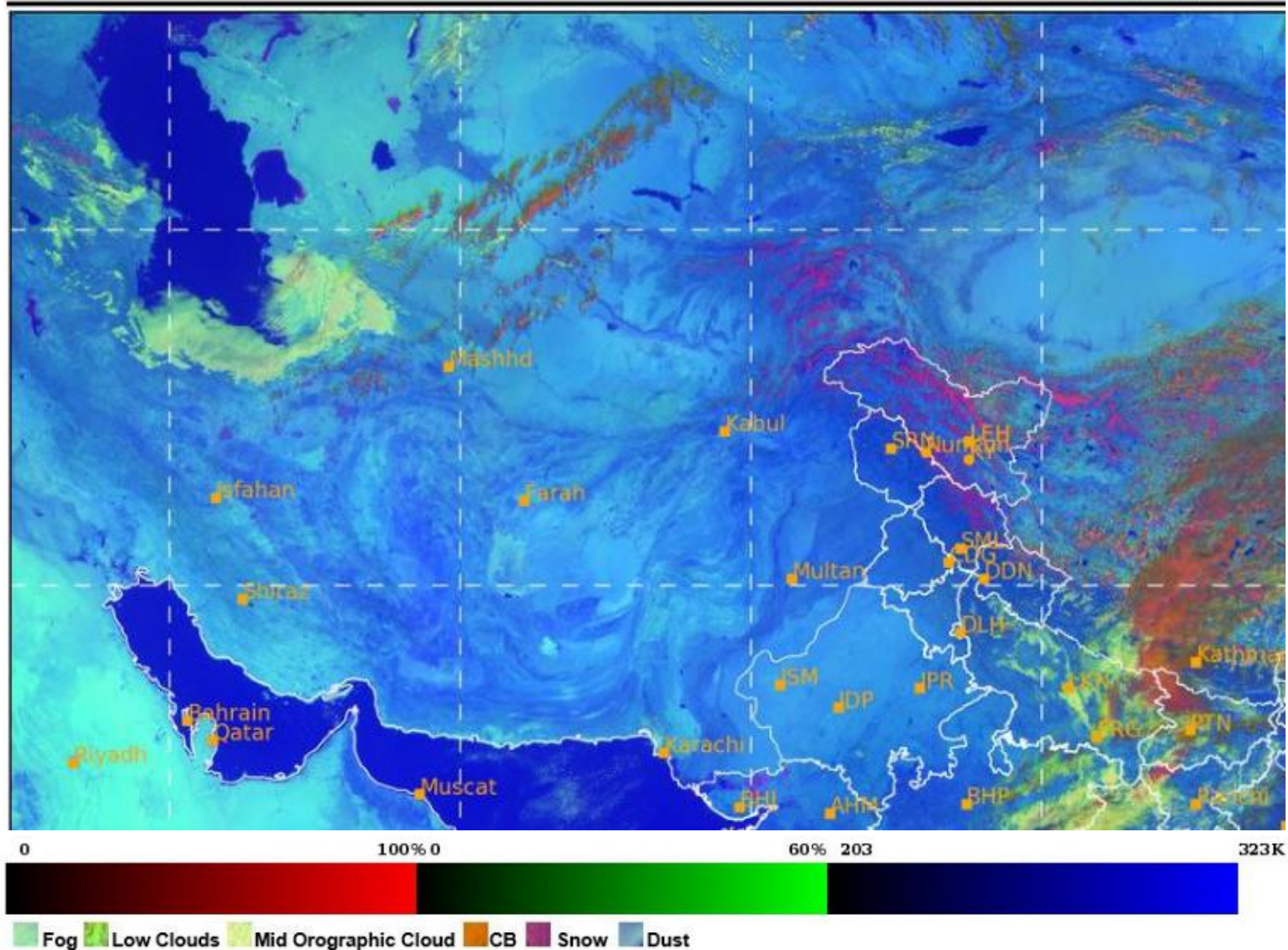
SAT : INSAT-3DR IMG

22-05-2025/(0515 to 0542) GMT

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

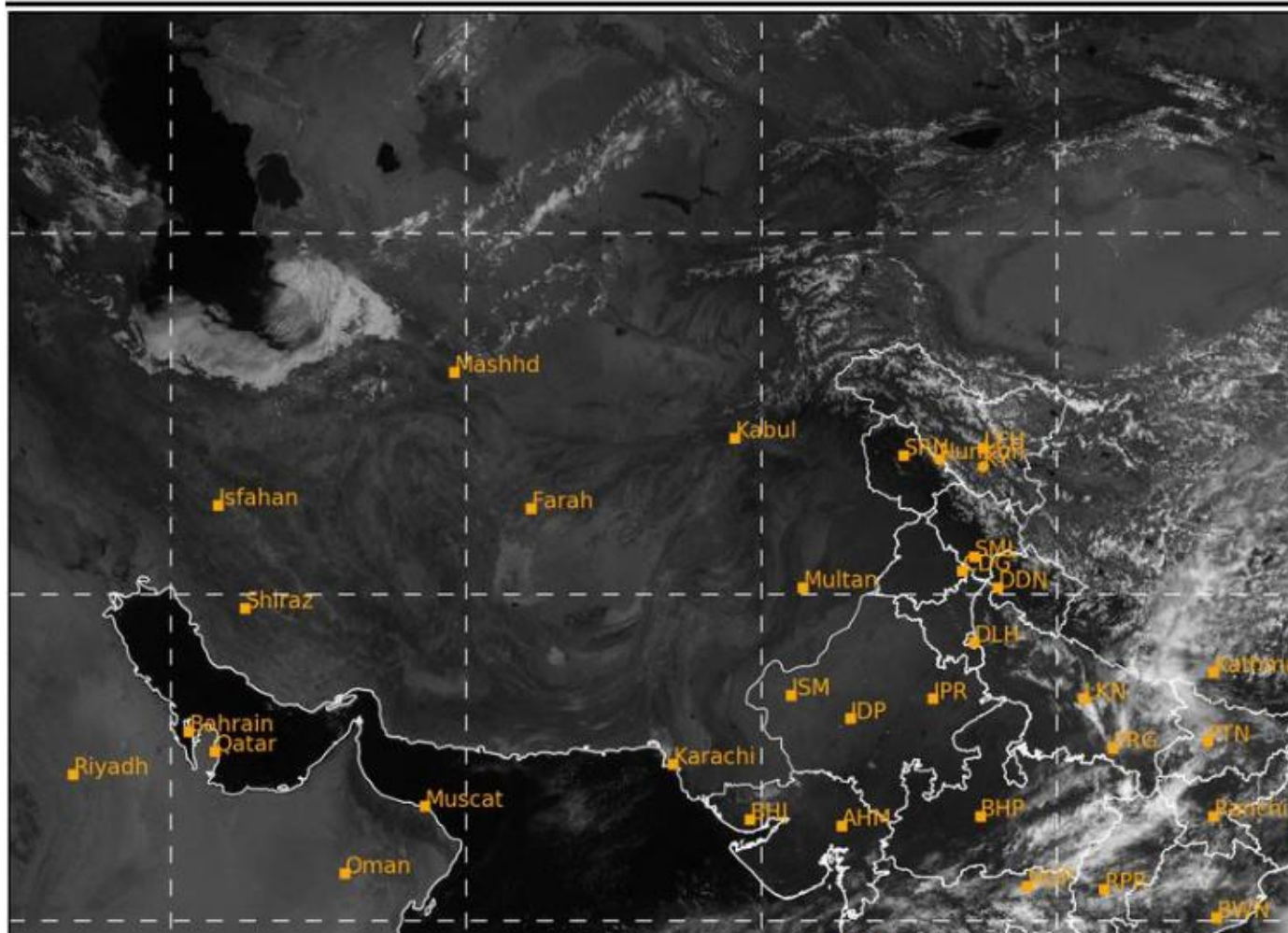
L1C Mercator

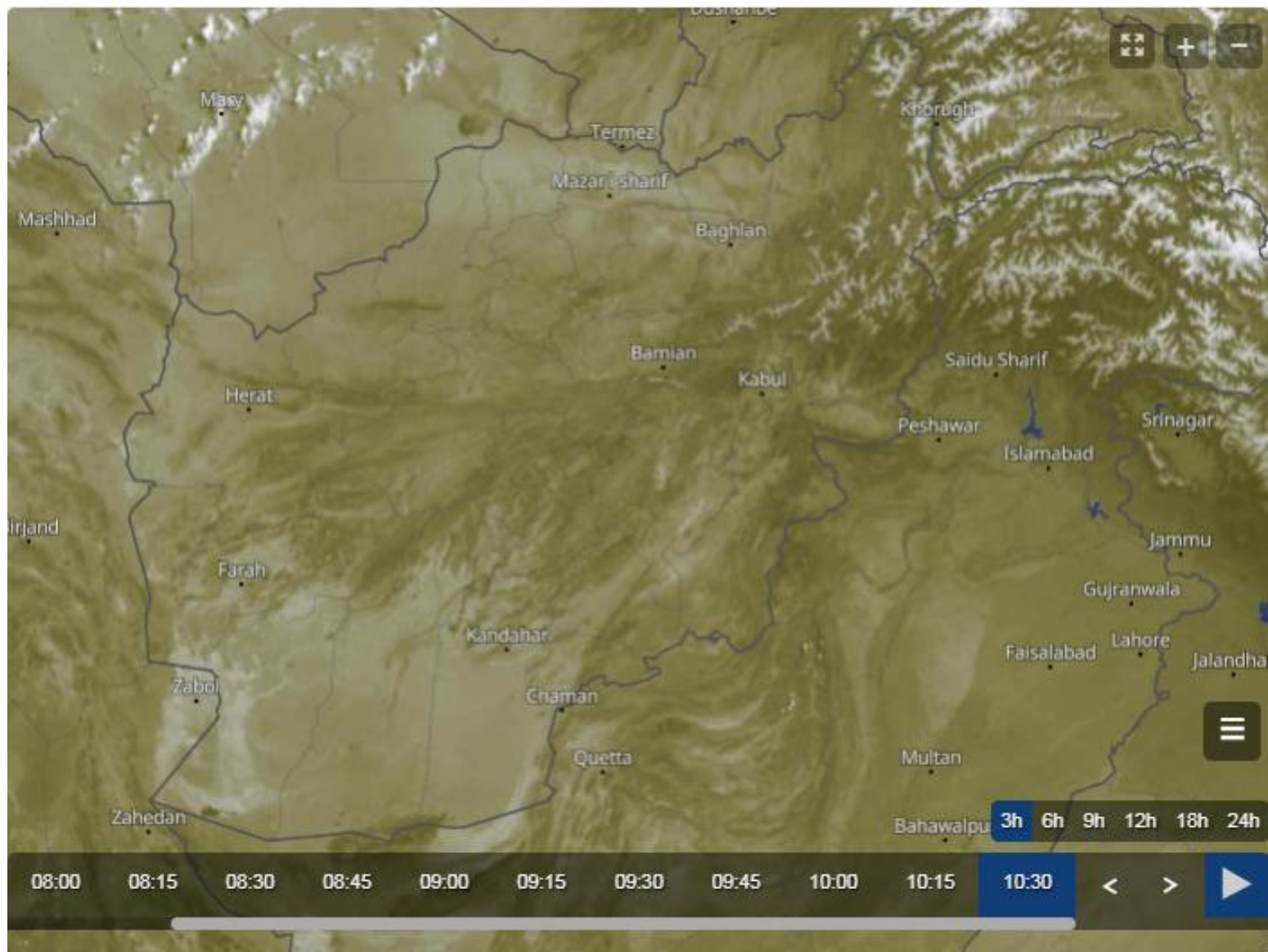
22-05-2025/(1045 to 1112) IST



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

22-05-2025/(0515 to 0542) GMT
22-05-2025/(1045 to 1112) IST





Sand And Dust Identification

2025-05-22 06:00(UTC)

