



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



Daily reports of Satellite imagery analysis. Date & Time: 14/08/2025, 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	X	√ weak	X	X	
2	South	X	✓	X	✓	X	√ moderate	X	X	
3	West	X	✓	X	X	X	√ weak	X	X	
4	East	X	X	X	✓	X	√ weak	X	X	
5	central	✓	X	X	X	X	√ weak	X	X	
6	Northeast	✓	✓	X	X	X	√ weak	X	X	
7	Southeast	X	X	X	X	X	√ moderate	X	X	
8	Northwest	✓	X	X	✓	X	√ weak	X	X	
9	Southwest	X	✓	X	X	X	√ moderate	X	X	

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

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

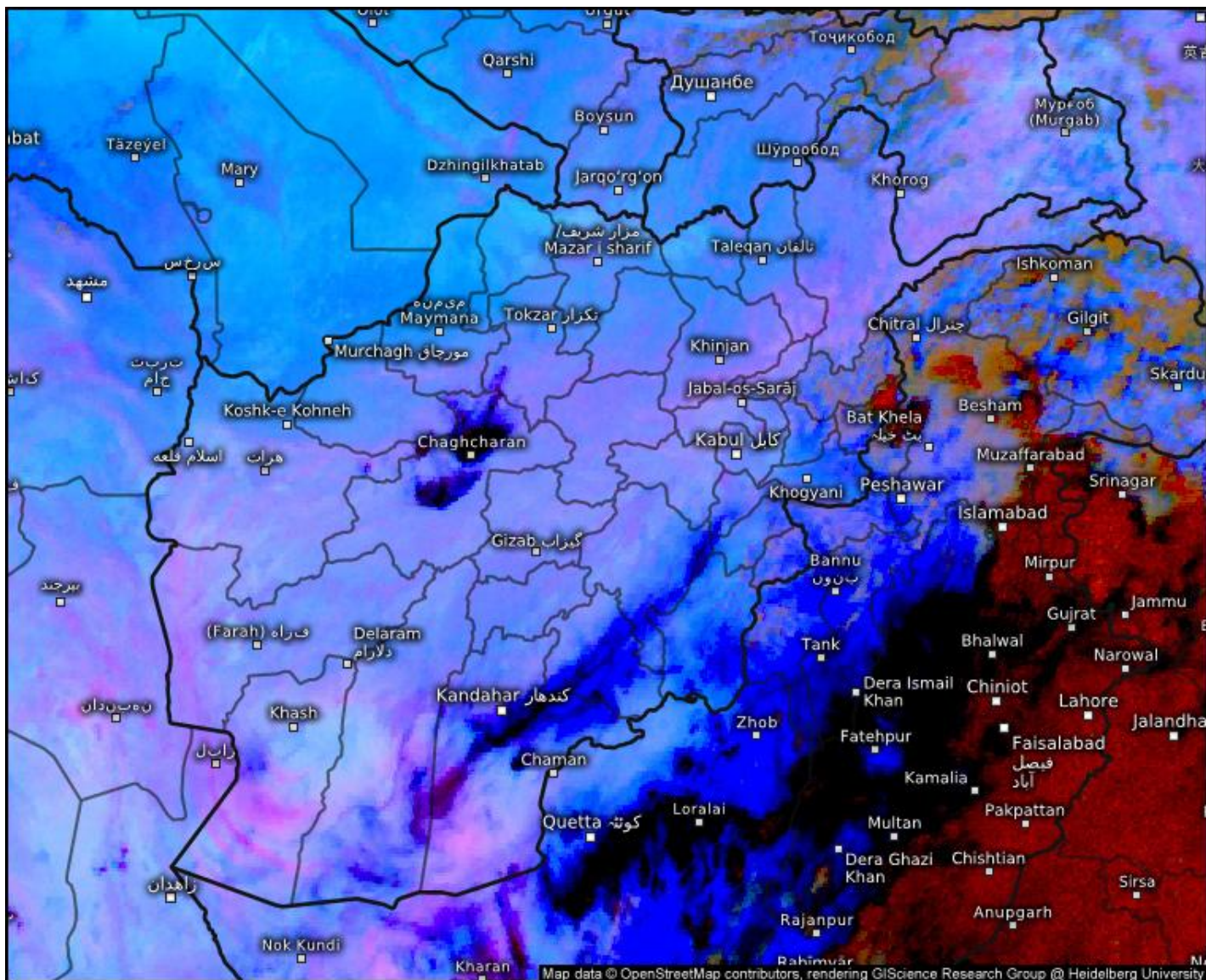
Reported by: Mohammad Jawed Moradi

UTC : 2025-08-14 05:30



FY-4B AirMass RGB Composite (From WMO)





Satellite Dust

Thu 08/14/2025, 10:30am GMT+0430

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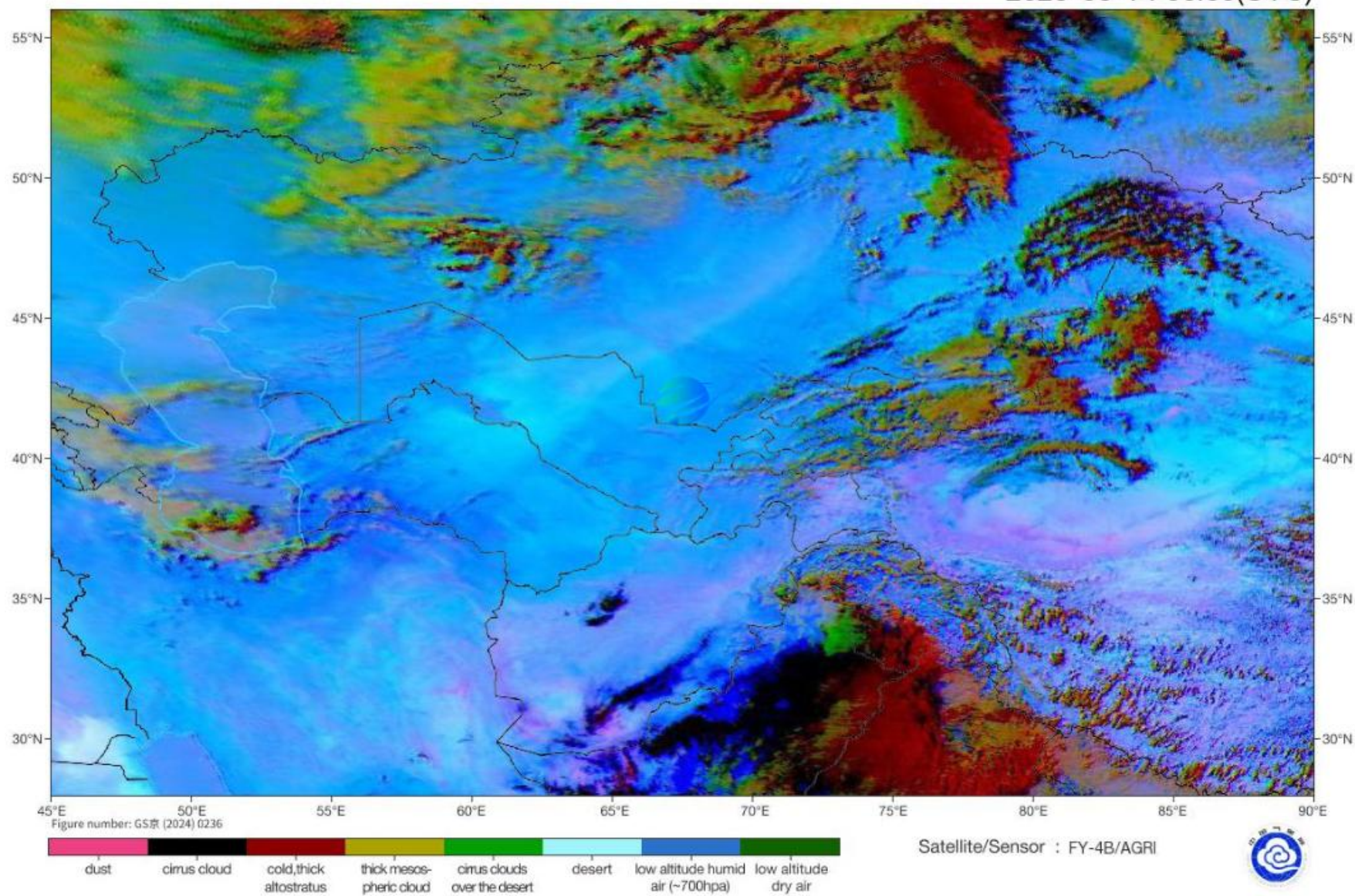
Afghanistan

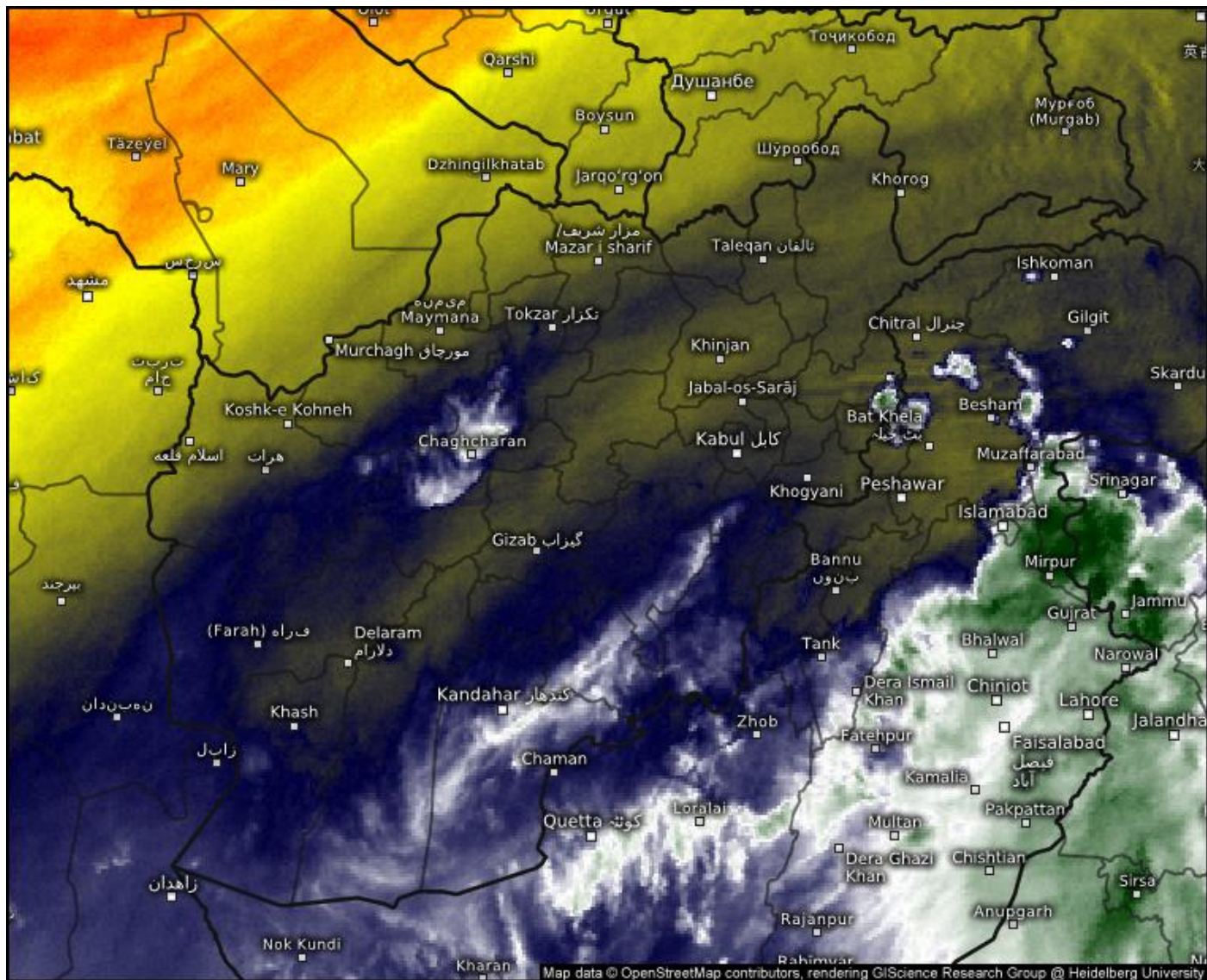
meteologix.com

Satellite data: EUMETSAT

Sand And Dust Identification

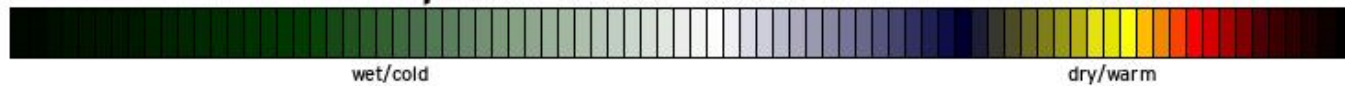
2025-08-14 06:00(UTC)





Satellite Water Vapor

Thu 08/14/2025, 10:30am GMT+0430



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 Afghanistan

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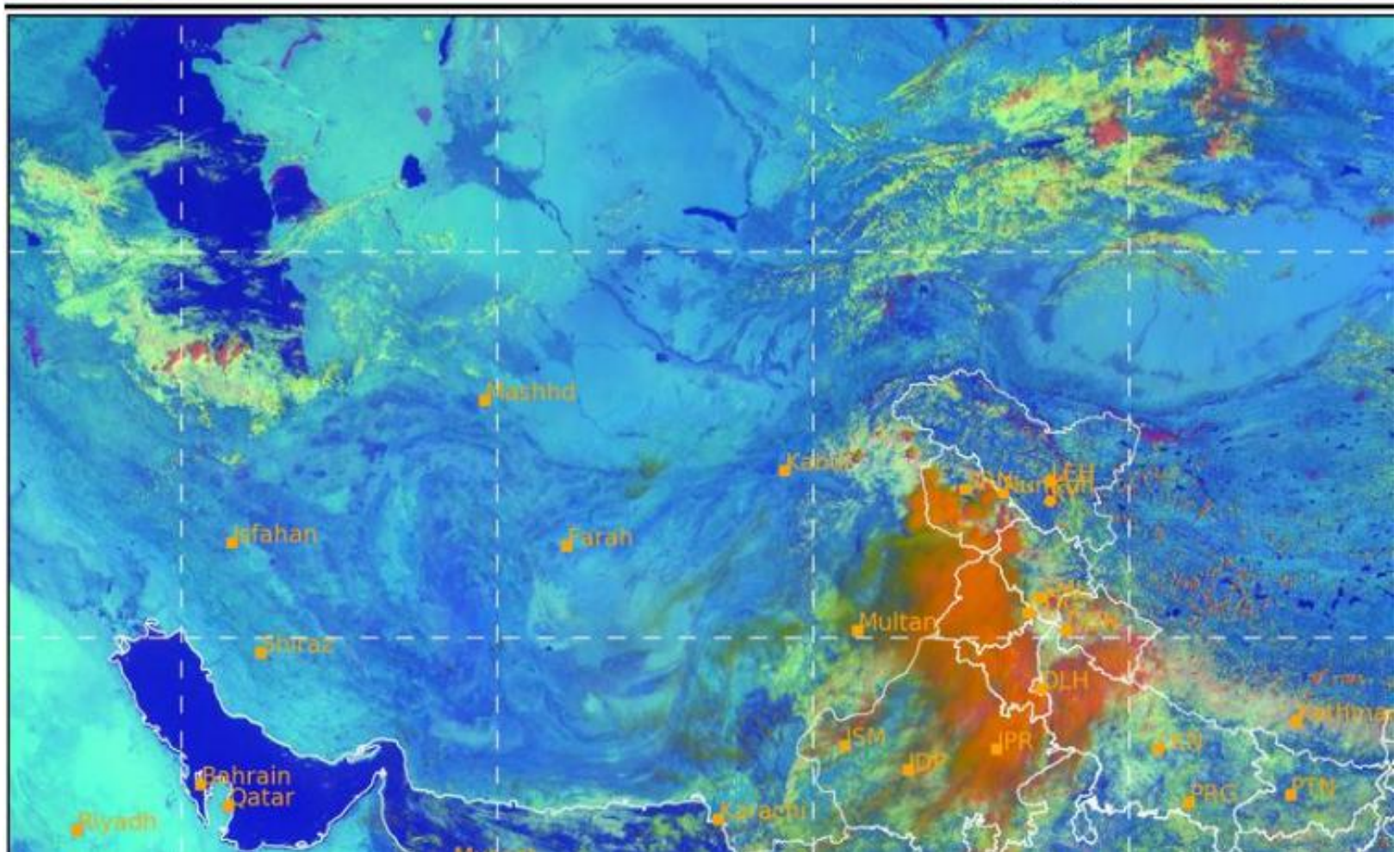
Satellite data: EUMETSAT

14-08-2025/(0445 to 0511) GMT

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

L1C Mercator

14-08-2025/(1015 to 1041) IST

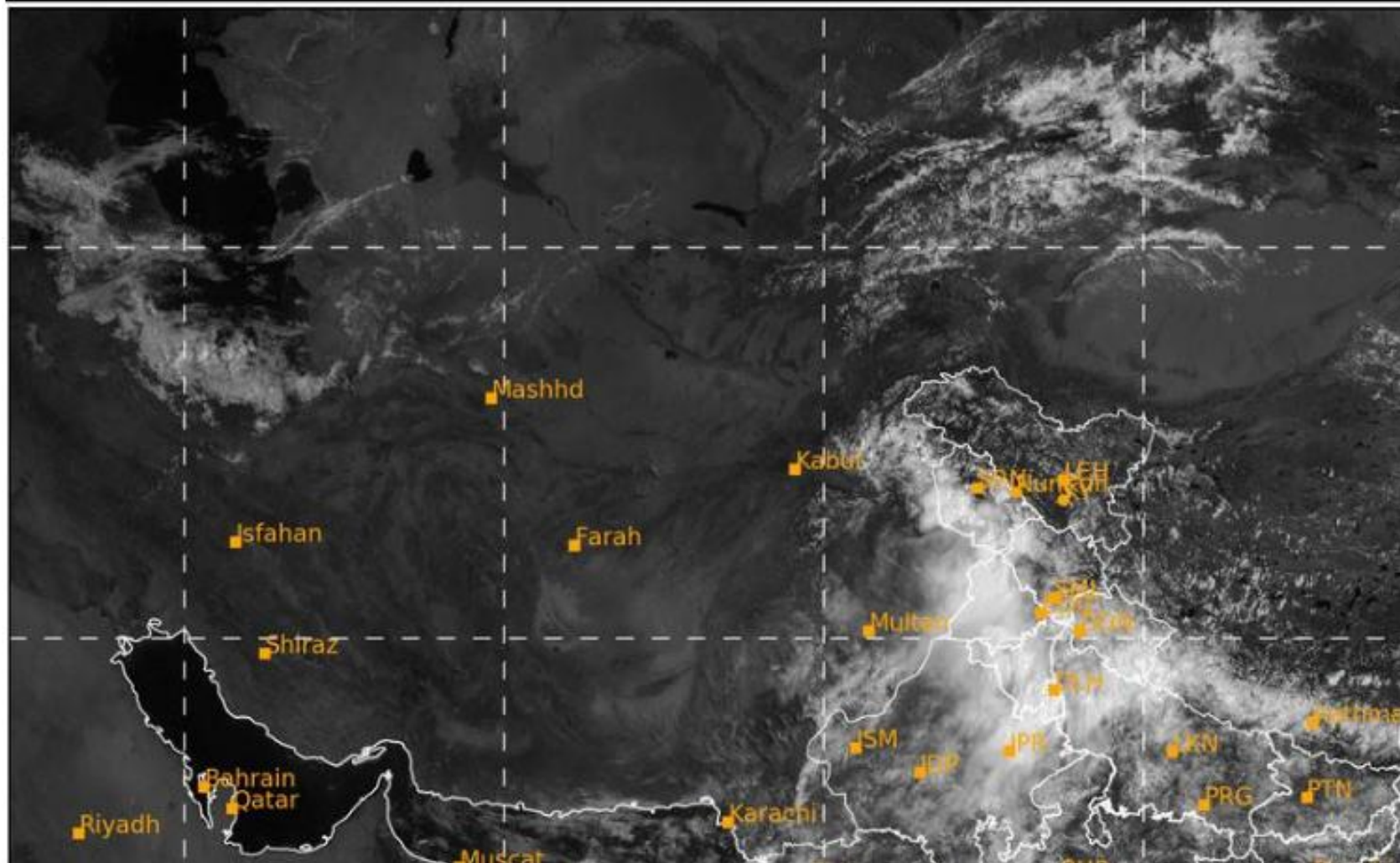


0	100% 0	60% 203	323K
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Fog Low Clouds Mid Orographic Cloud CB Snow Dust

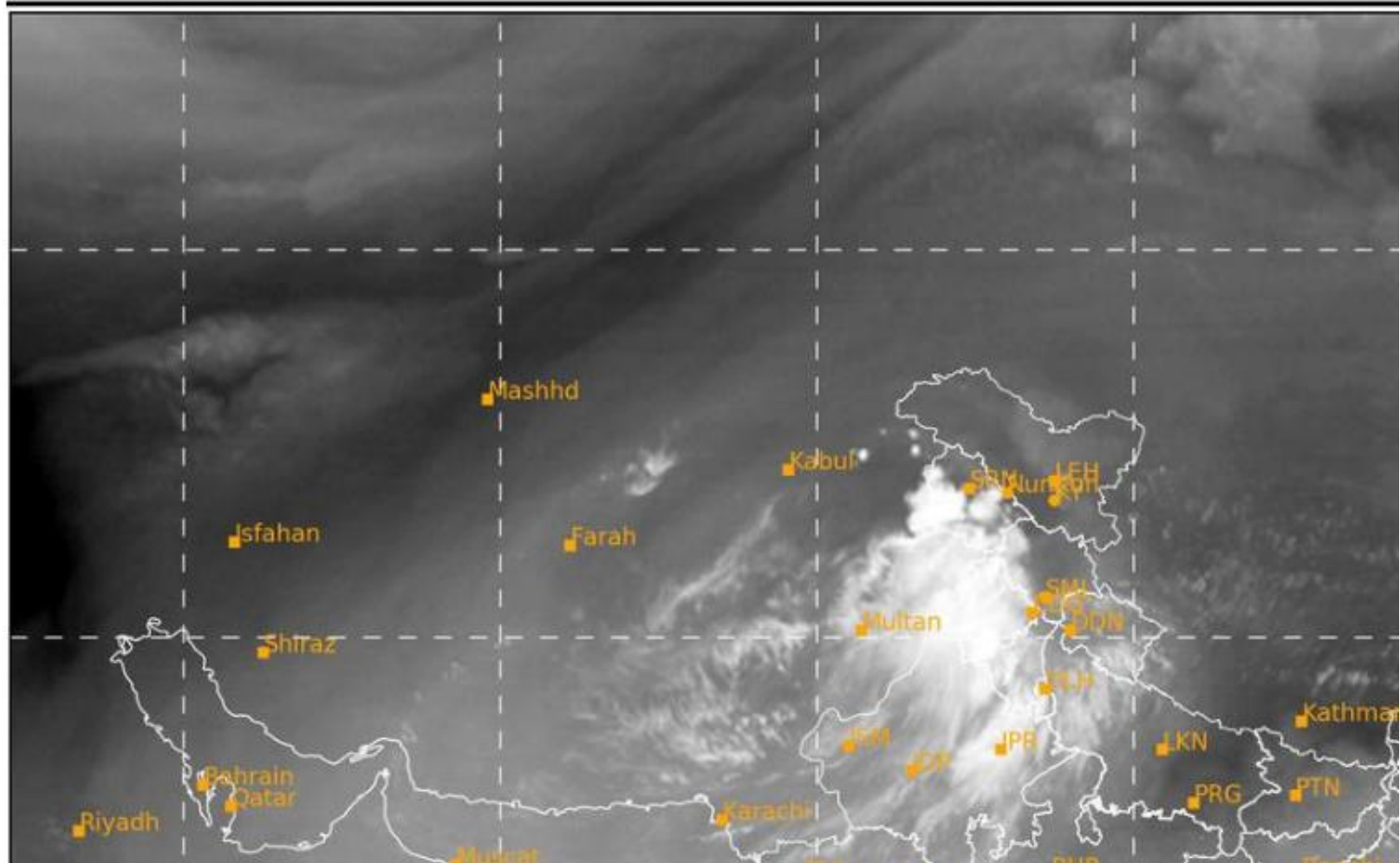
SAT : INSAT-3DR IMG
Visible Count 0.65 um
L1C Mercator

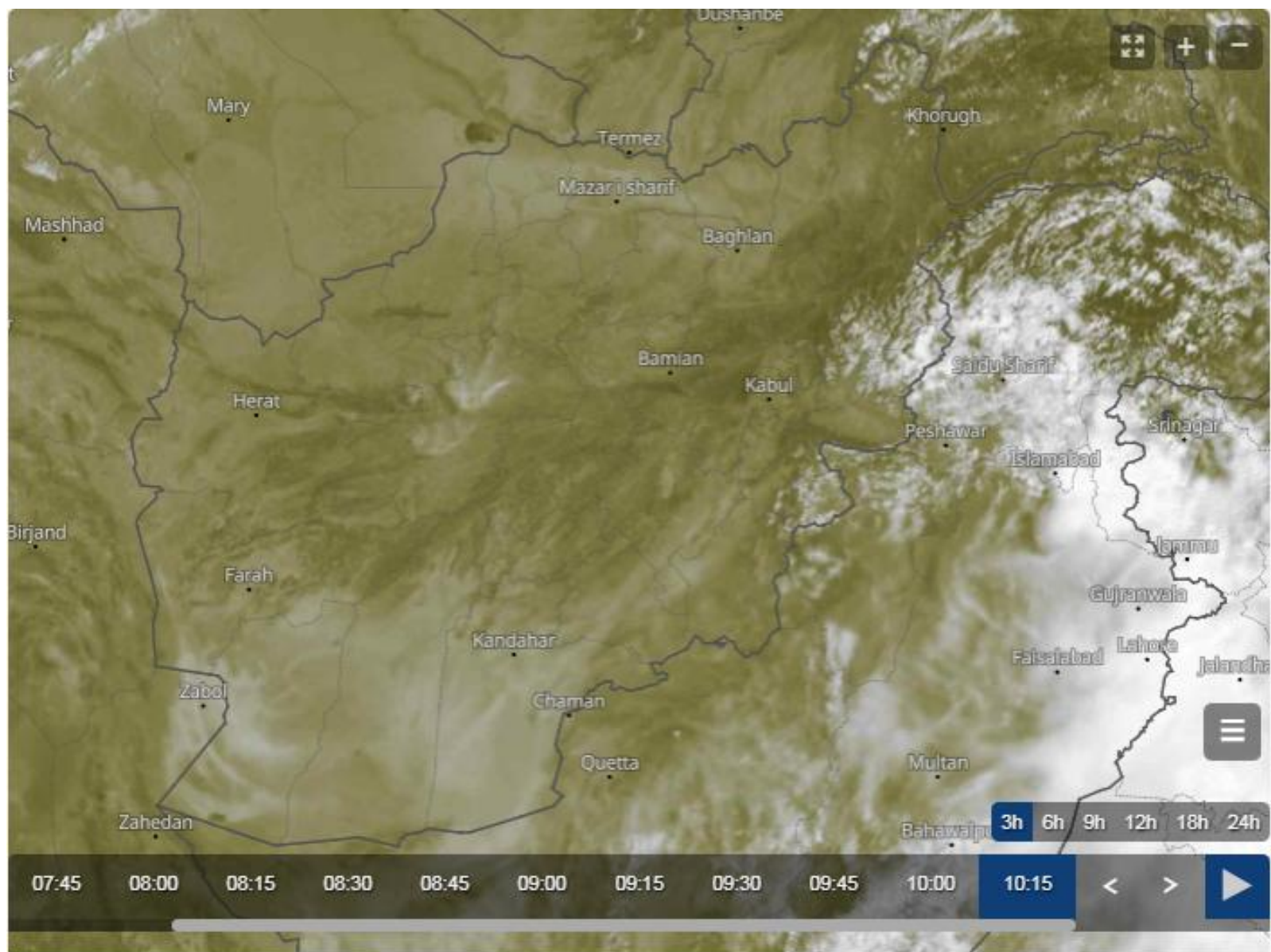
14-08-2025/(0445 to 0511) GMT
14-08-2025/(1015 to 1041) IST



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

14-08-2025/(0445 to 0511) GMT
14-08-2025/(1015 to 1041) IST





Cloud Top Height

2025-08-14 05:45(UTC)

