



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



Daily reports of Satellite imagery analysis. Date & Time: 29/06/2025, 09:00 UTC, Number of reports: 1075

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	√ 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	√ dry	X	X	
7	Southeast	✓	✓	X	X	X	√ dry	X	X	
8	Northwest	✓	X	X	X	X	√ dry	X	X	
9	Southwest	✓	✓	X	X	X	√ dry	X	X	

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

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

Reported by: Mohammad Jawed Moradi

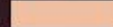
UTC : 2025-06-29 08:45

AirMass



Thick,

high-level cloud



Thick,

mid-level cloud



Thick,

low-level cloud



Jet



Cold Airmass



Warm Airmass

(high UTH)



Warm Airmass

(low UTH)

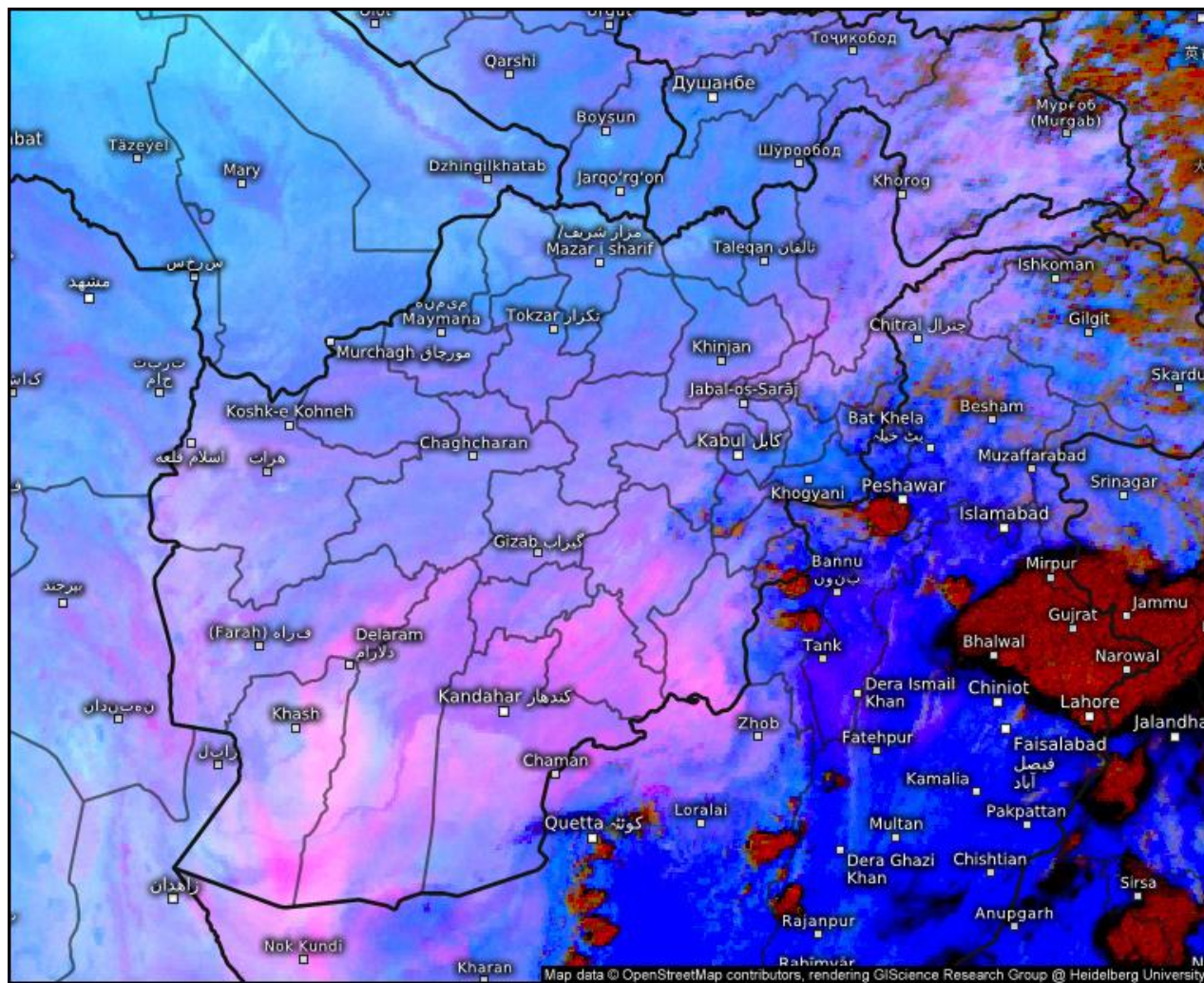
R = WV (6.25) - WV (7.1)

G = IR (8.5) - IR (10.8)

B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)





Satellite Dust

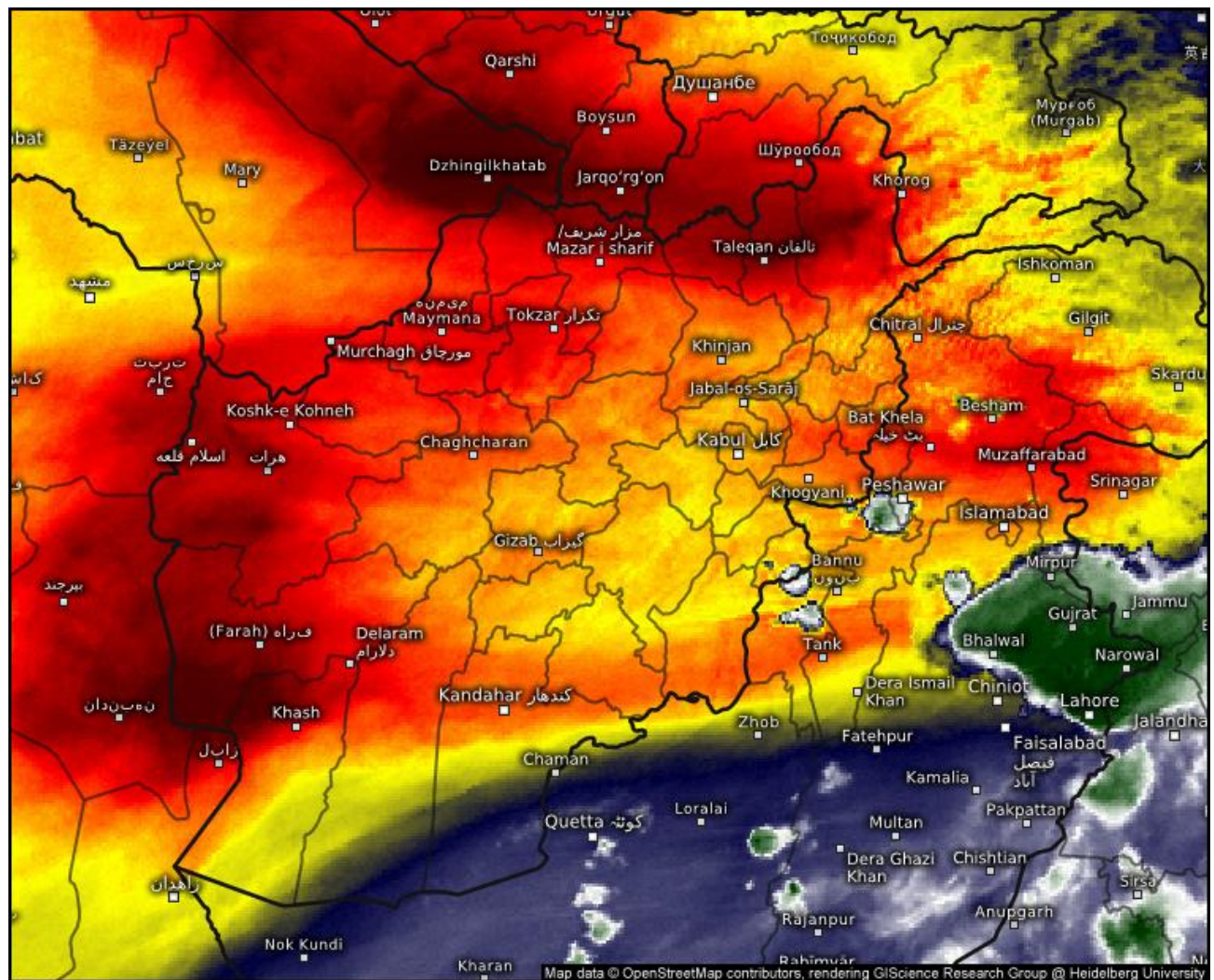
Sun 06/29/2025, 01:30pm GMT+0430

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

Afghanistan

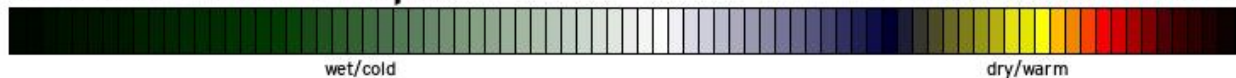
meteologix.com

Satellite data: EUMETSAT



Satellite Water Vapor

Sun 06/29/2025, 01:30pm GMT+0430



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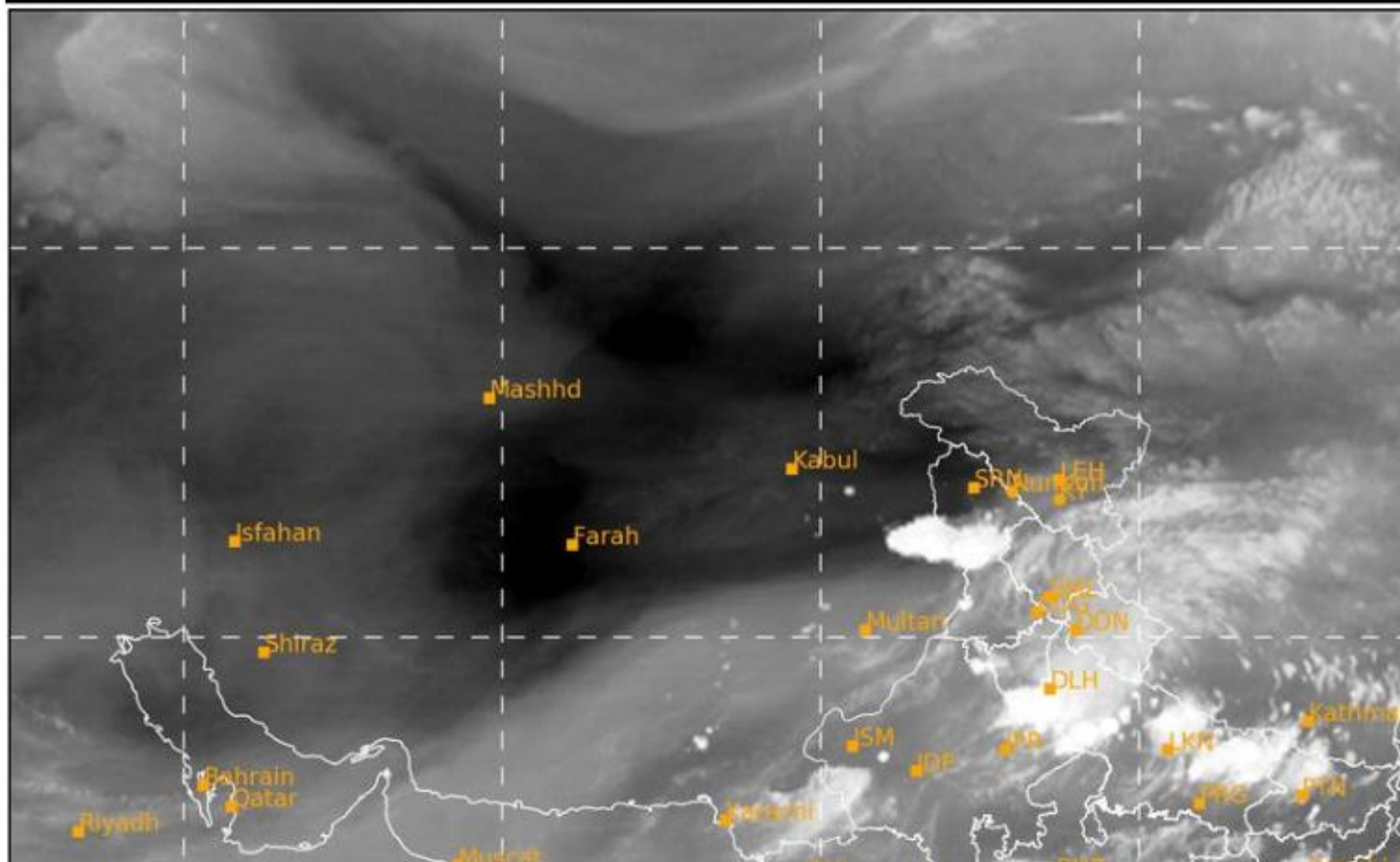
Sharing: Please get the pic's permalink from share button top right
Afghanistan

meteologix.com

Satellite data: EUMETSAT

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

29-06-2025/(0745 to 0812) GMT
29-06-2025/(1315 to 1342) IST

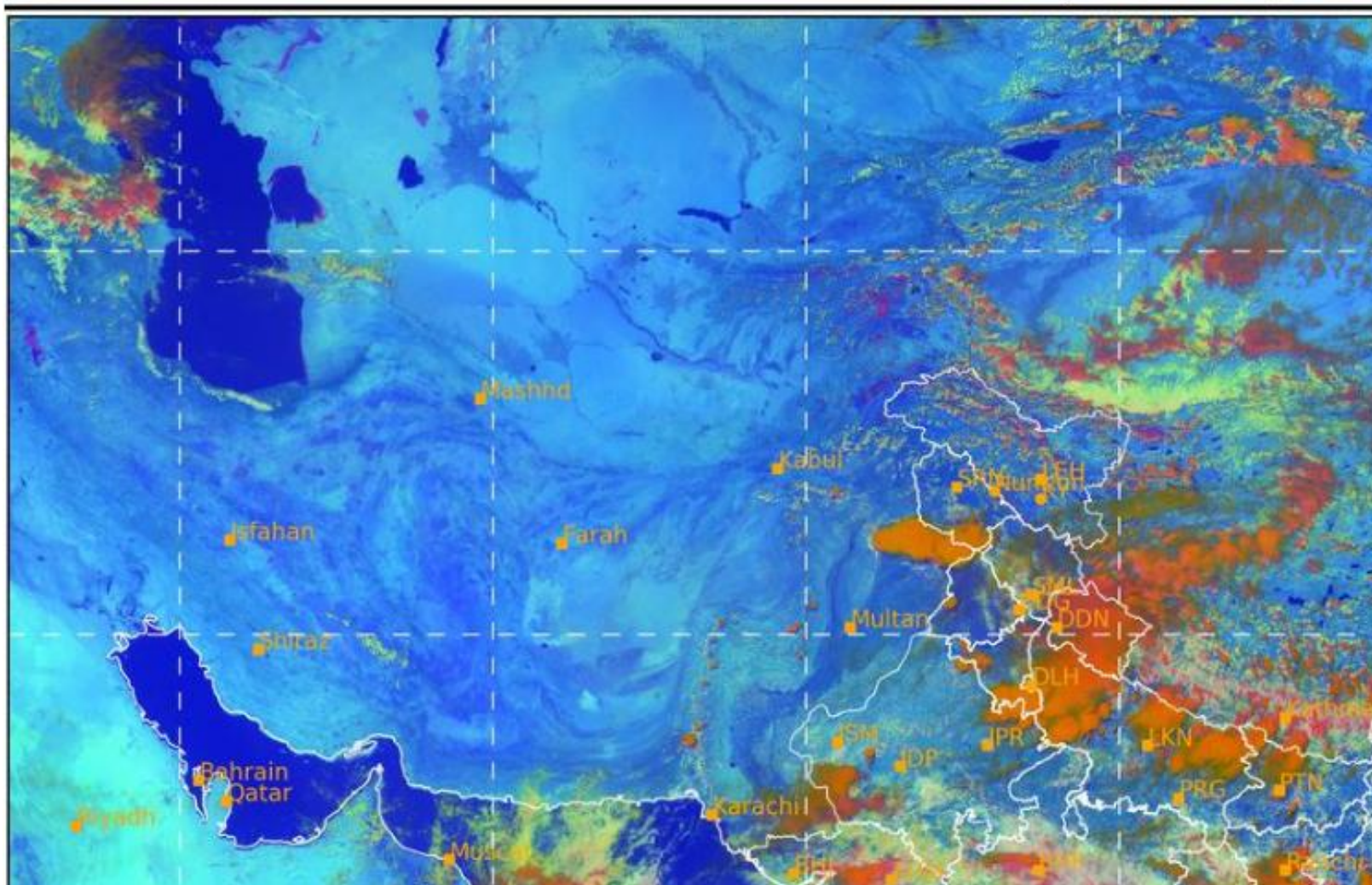


29-06-2025/(0745 to 0812) GMT

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

29-06-2025/(1315 to 1342) IST

L1C Mercator



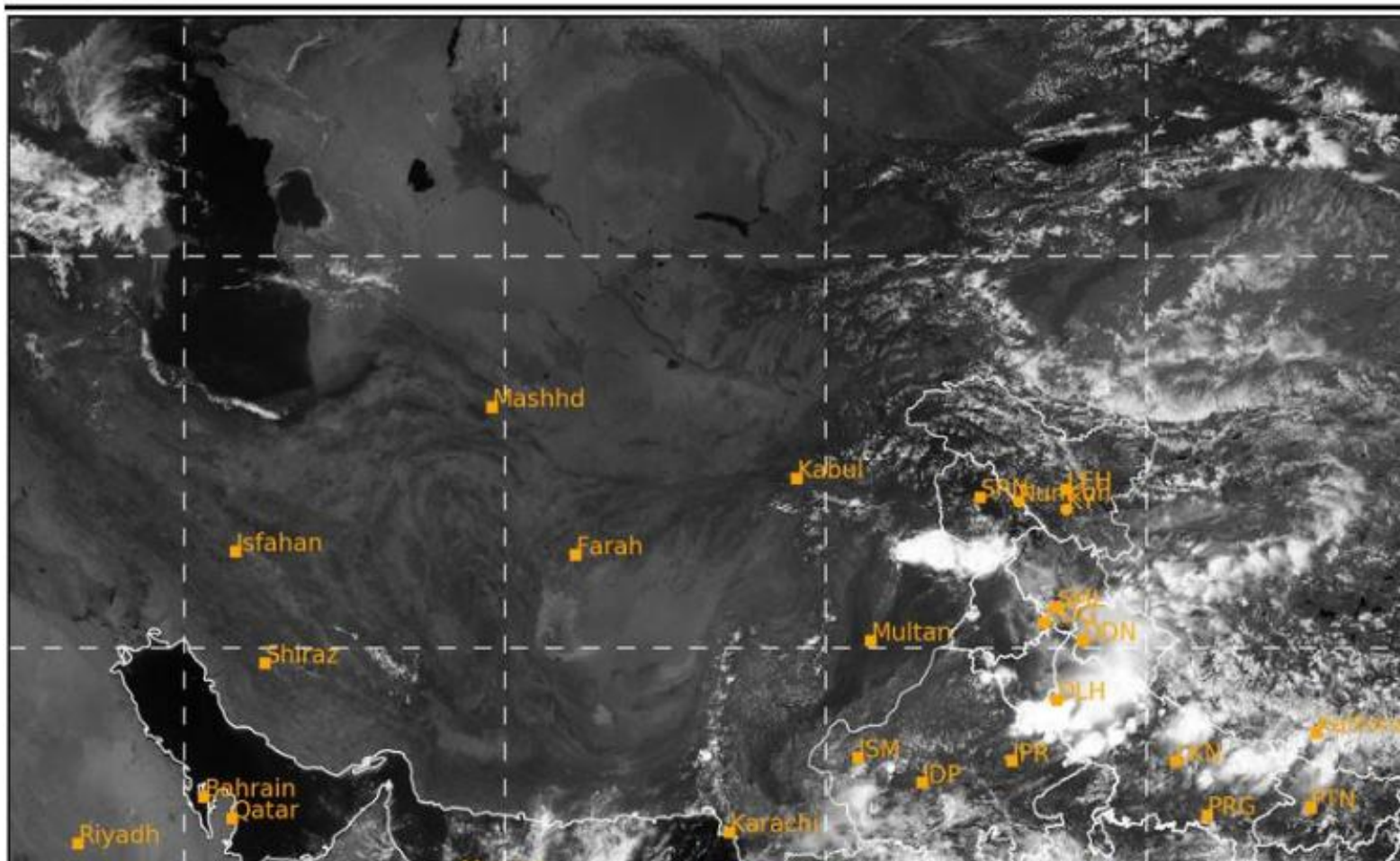
0	100% 0	60% 203	323K
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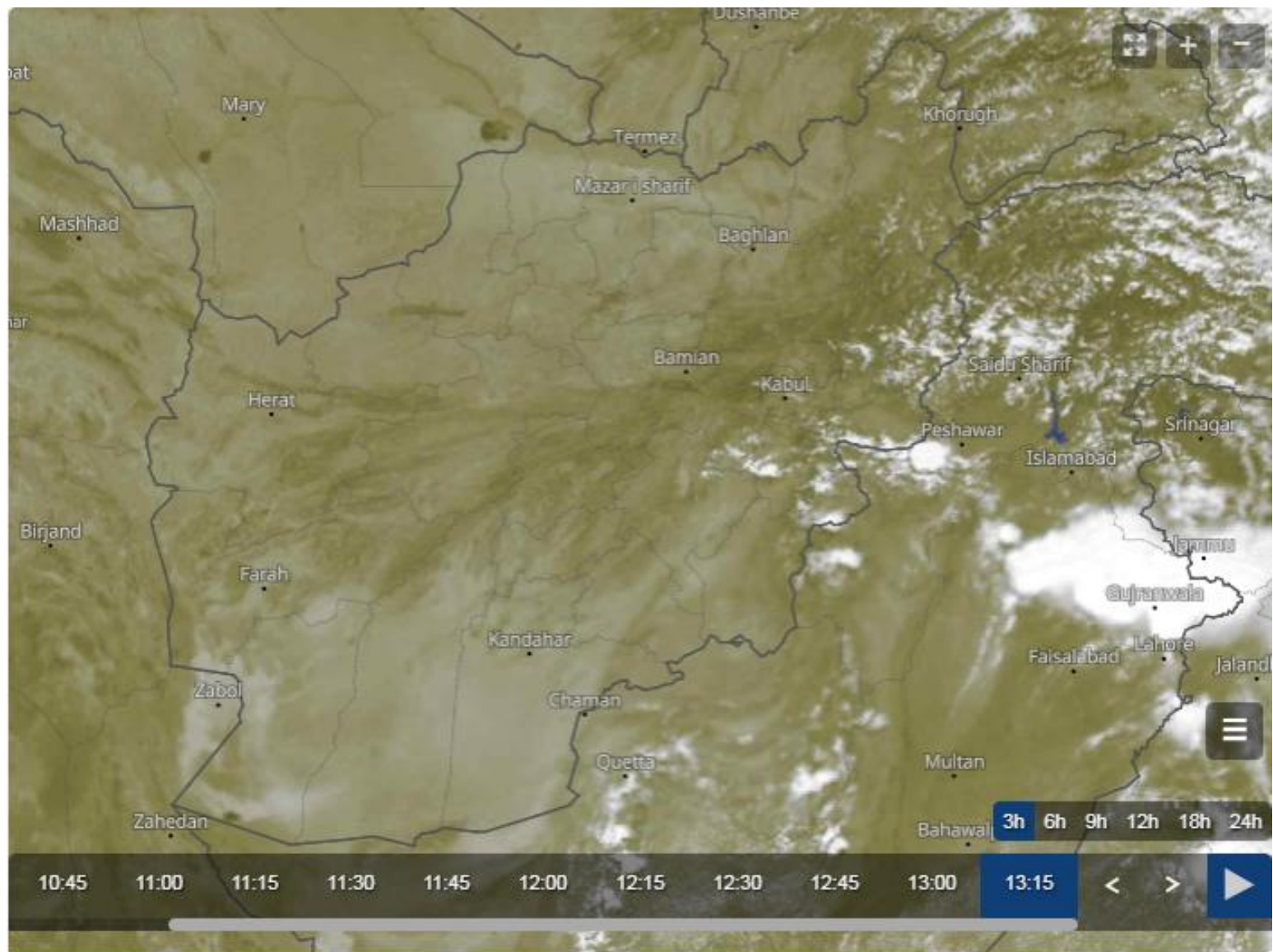


Fog Low Clouds Mid Orographic Cloud CB Snow Dust

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

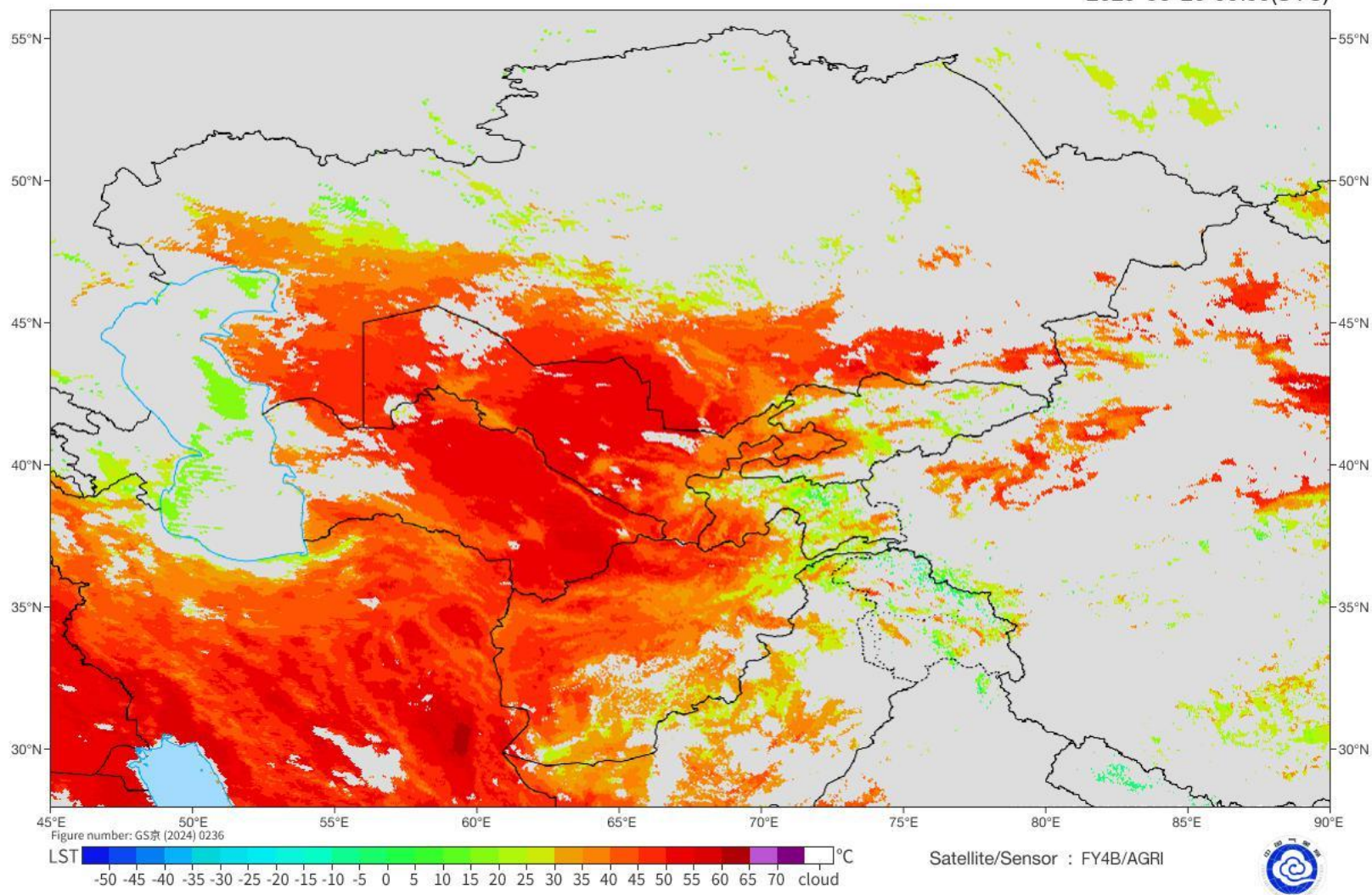
29-06-2025/(0745 to 0812) GMT
29-06-2025/(1315 to 1342) IST





Land Surface Temperature

2025-06-29 09:00(UTC)



Sand And Dust Identification

2025-06-29 09:00(UTC)

