



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



Daily reports of Satellite imagery analysis. Date & Time: 19/06/2025, 03:00 UTC, Number of reports: 1051

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	X	√ Dry	X	X	
5	central	✓	✓	X	X	X	√ Dry	X	X	
6	Northeast	✓	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	√ Dry	X	X	

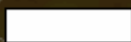
Details: According to satellite imagery analysis, the northern, southern, western, eastern, central, northeastern, southeastern, northwestern, and southwestern areas have warm air mass. The southern, western, central, southeastern, northwestern, and southwestern areas have dust. The northern, southern, western, eastern, central, northeastern, southeastern, northwestern, and southwestern areas are dry.

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

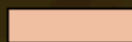
- Reported by: Sayed Taher Atlas

UTC : 2025-06-18 23:45

AirMass



Thick,
high-level cloud



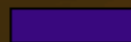
Thick,
mid-level cloud



Thick,
low-level cloud



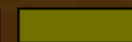
Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

R = WV (6.25) - WV (7.1)

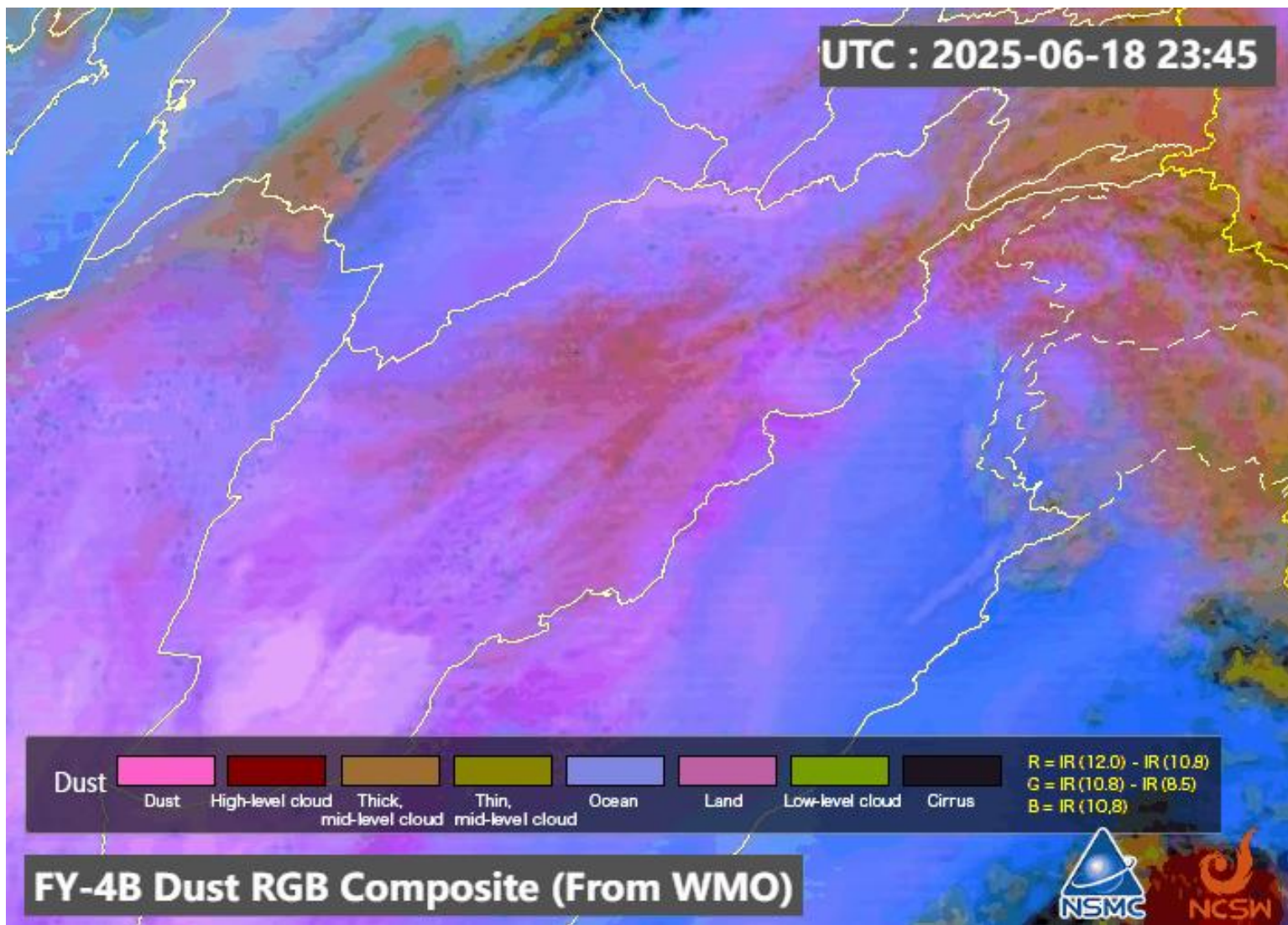
G = IR (8.5) - IR (10.8)

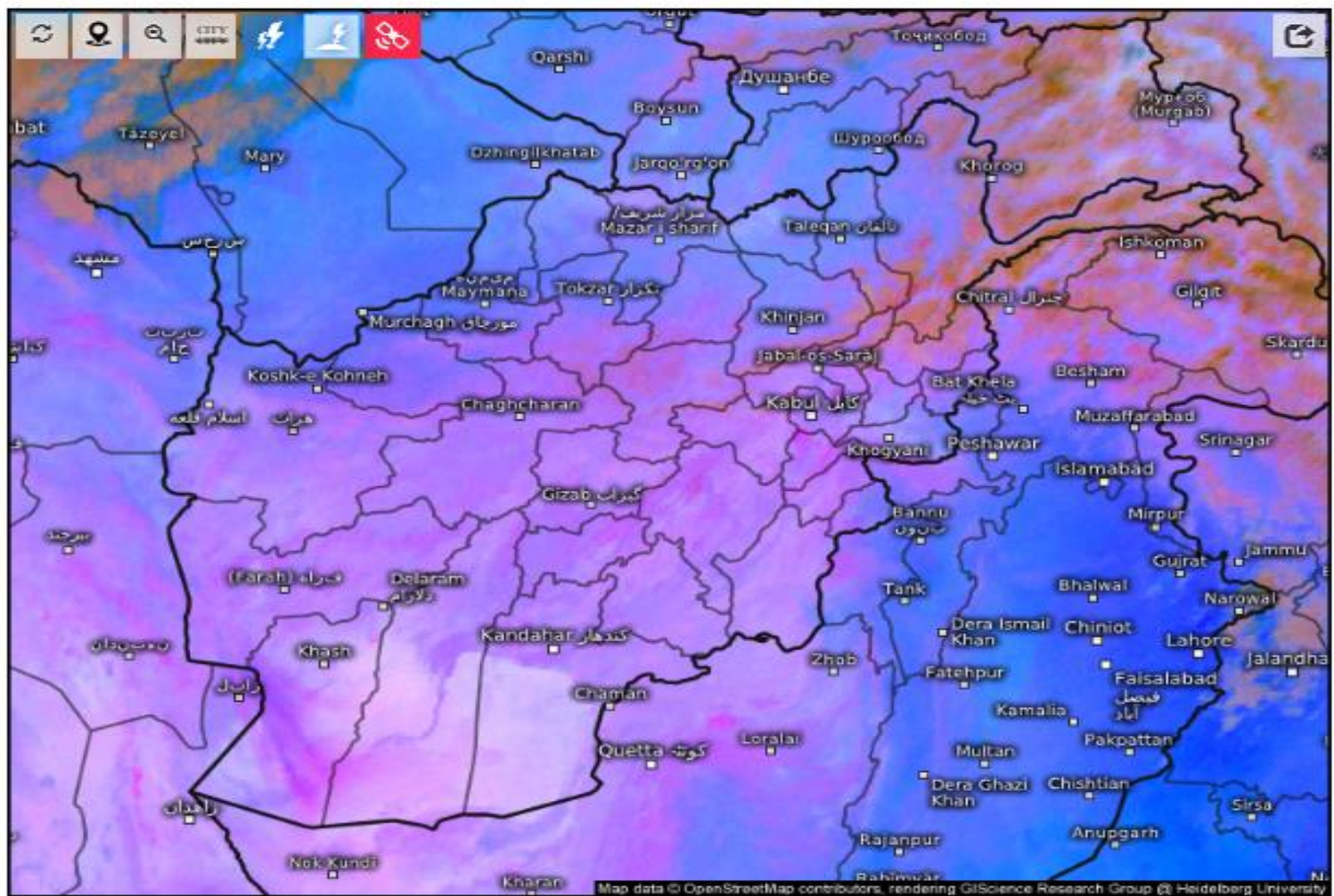
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)



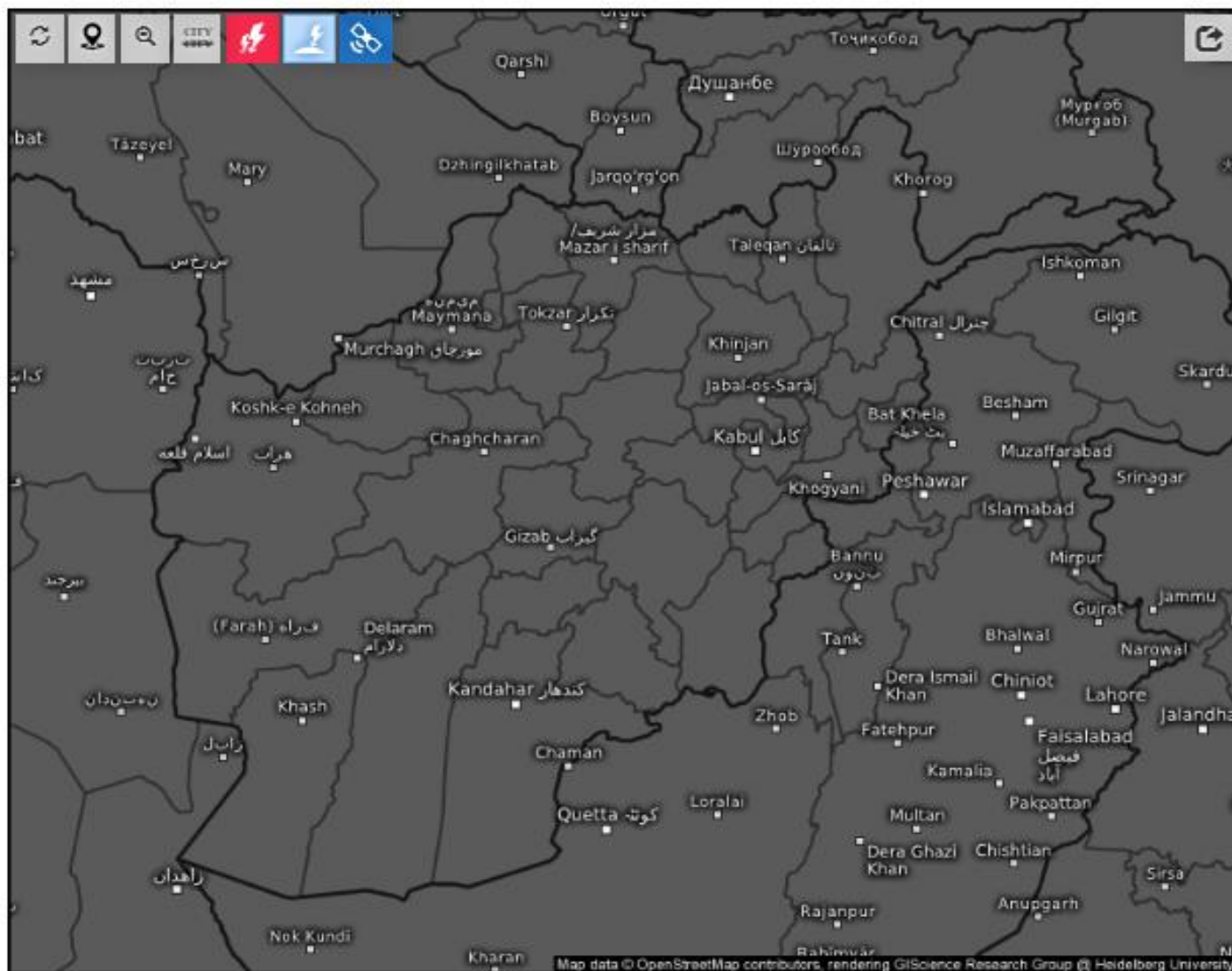
UTC : 2025-06-18 23:45





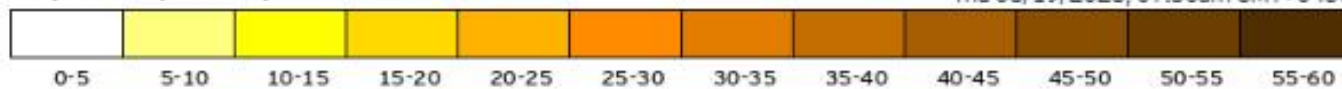
Satellite Dust 

Thu 06/19/2025, 07:30am GMT+0430

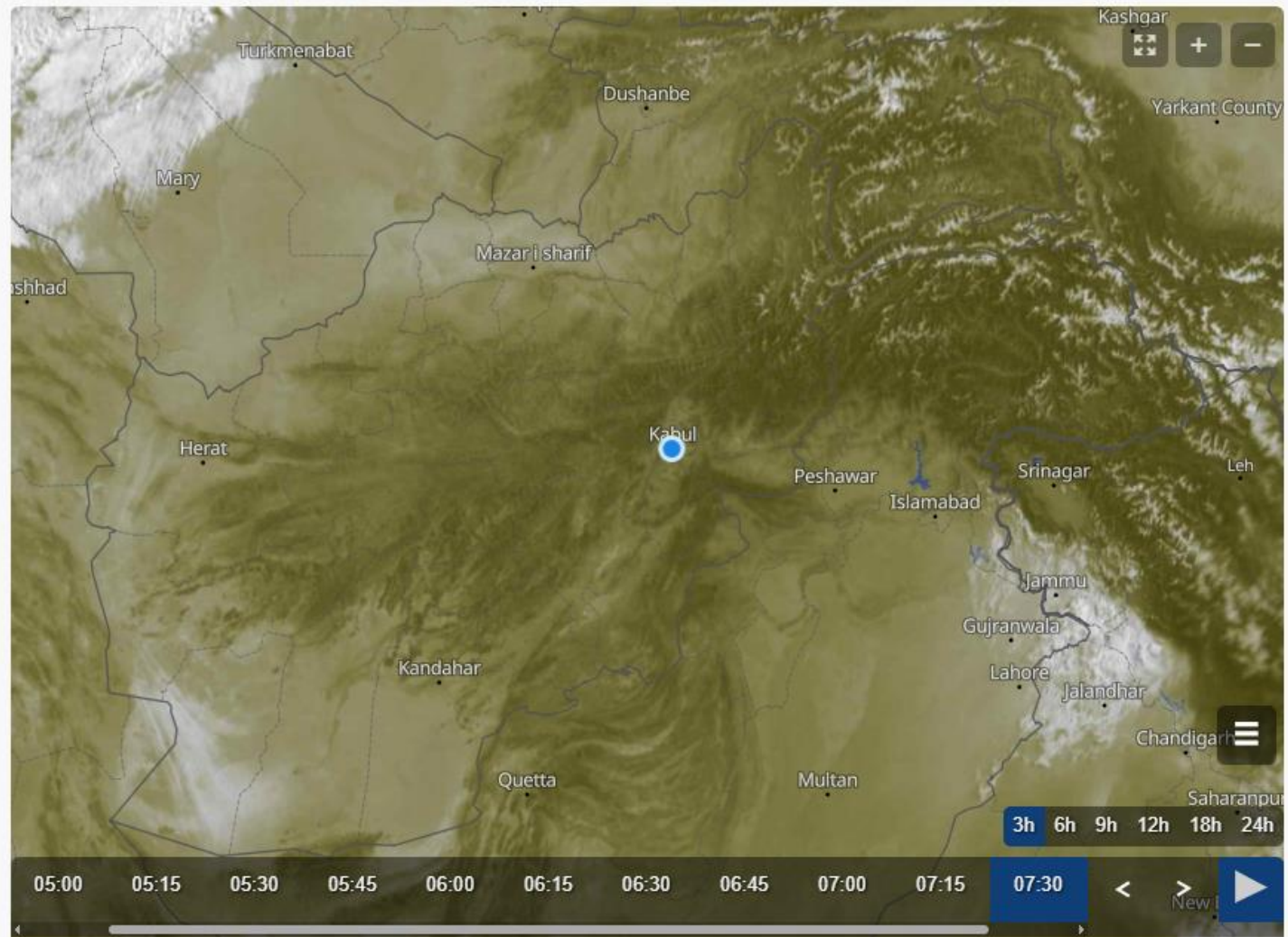


Age of lightning (minutes) 

Thu 06/19/2025, 07:30am GMT+0430

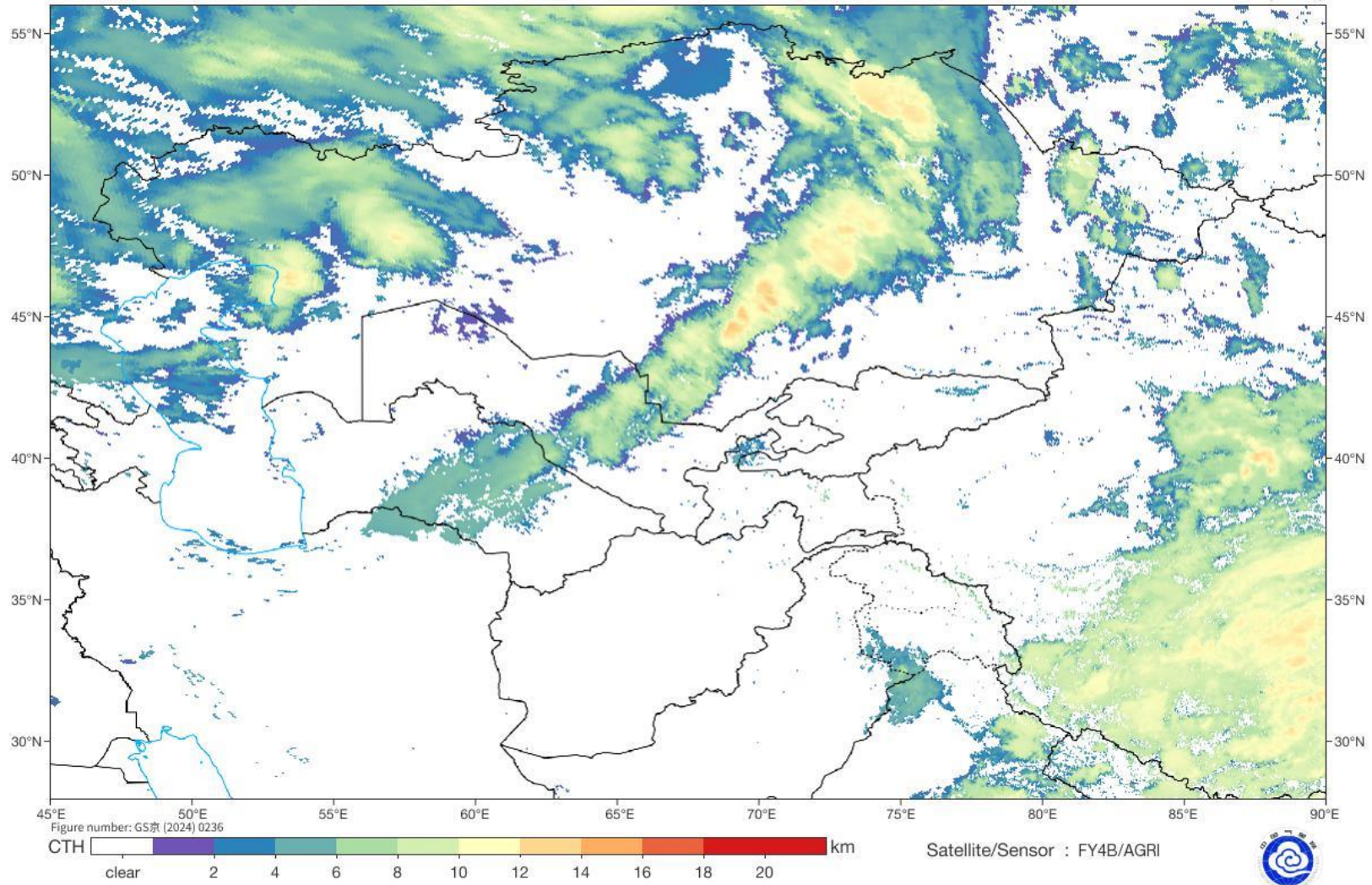


Live satellite map, Afghanistan



Cloud Top Height

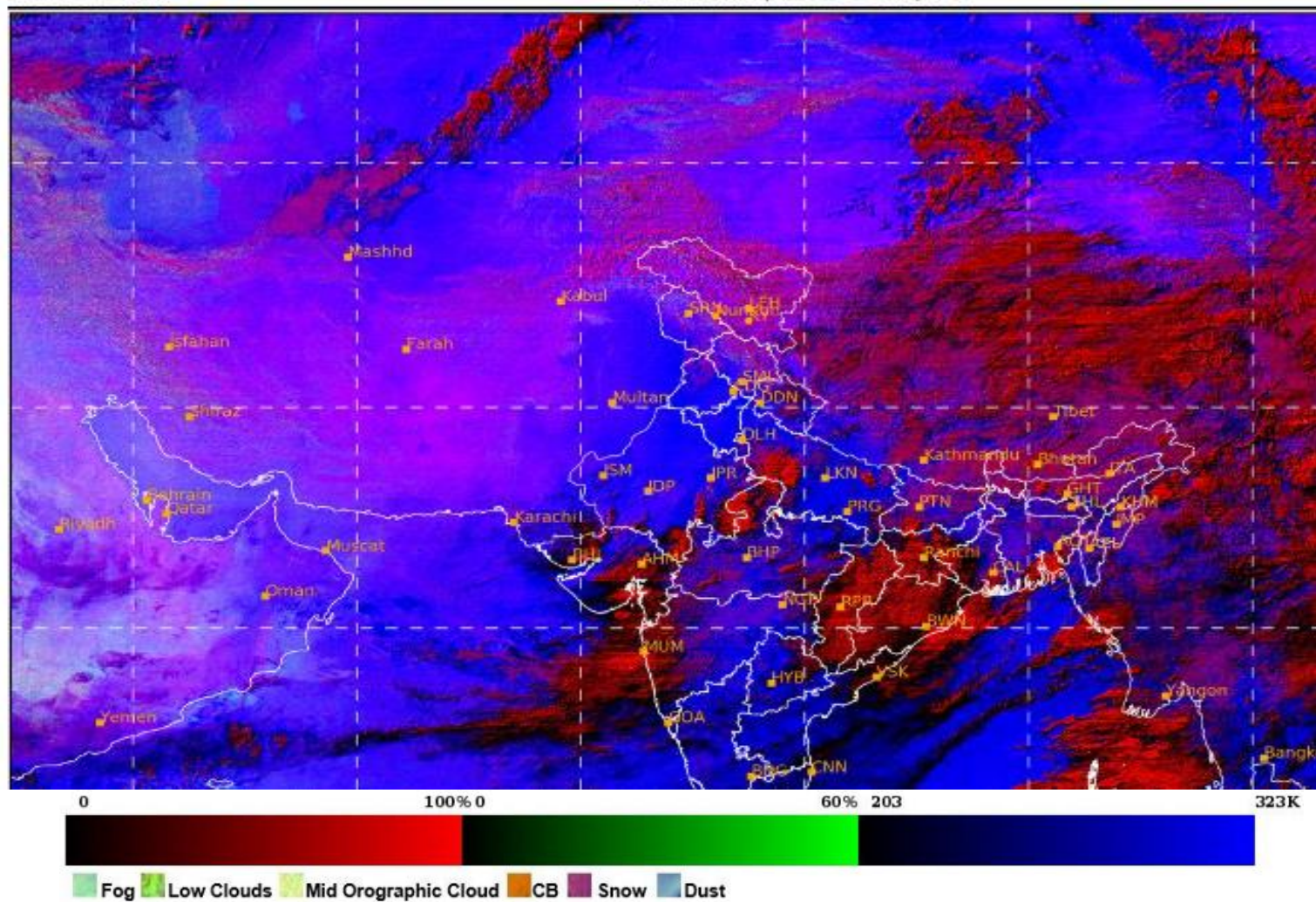
2025-06-19 02:30(UTC)



19-06-2025/(0215 to 0242) GMT

R_BT (C), TIR1_BT (B)

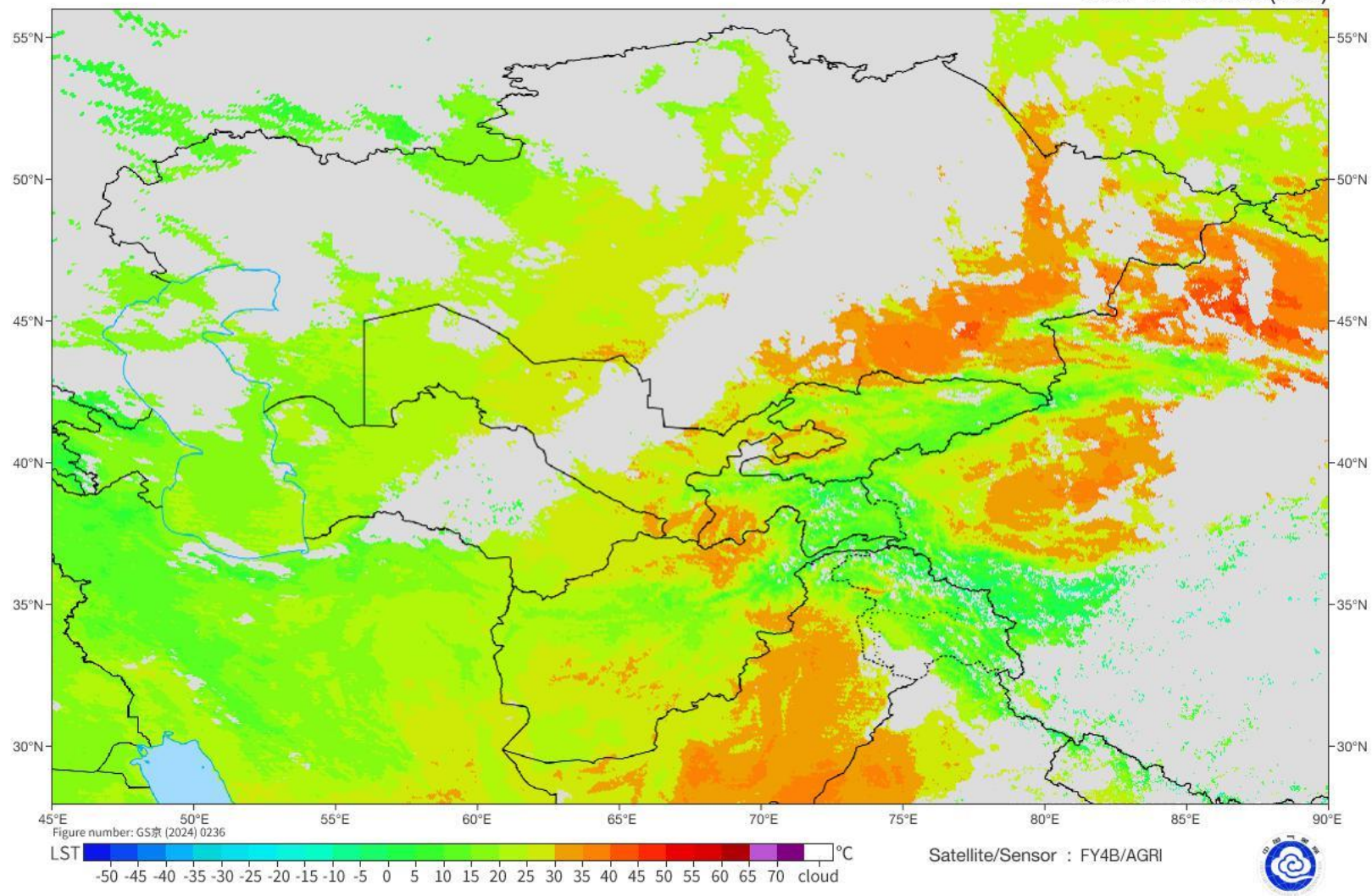
19-06-2025/(0745 to 0812) IST



[illegible]

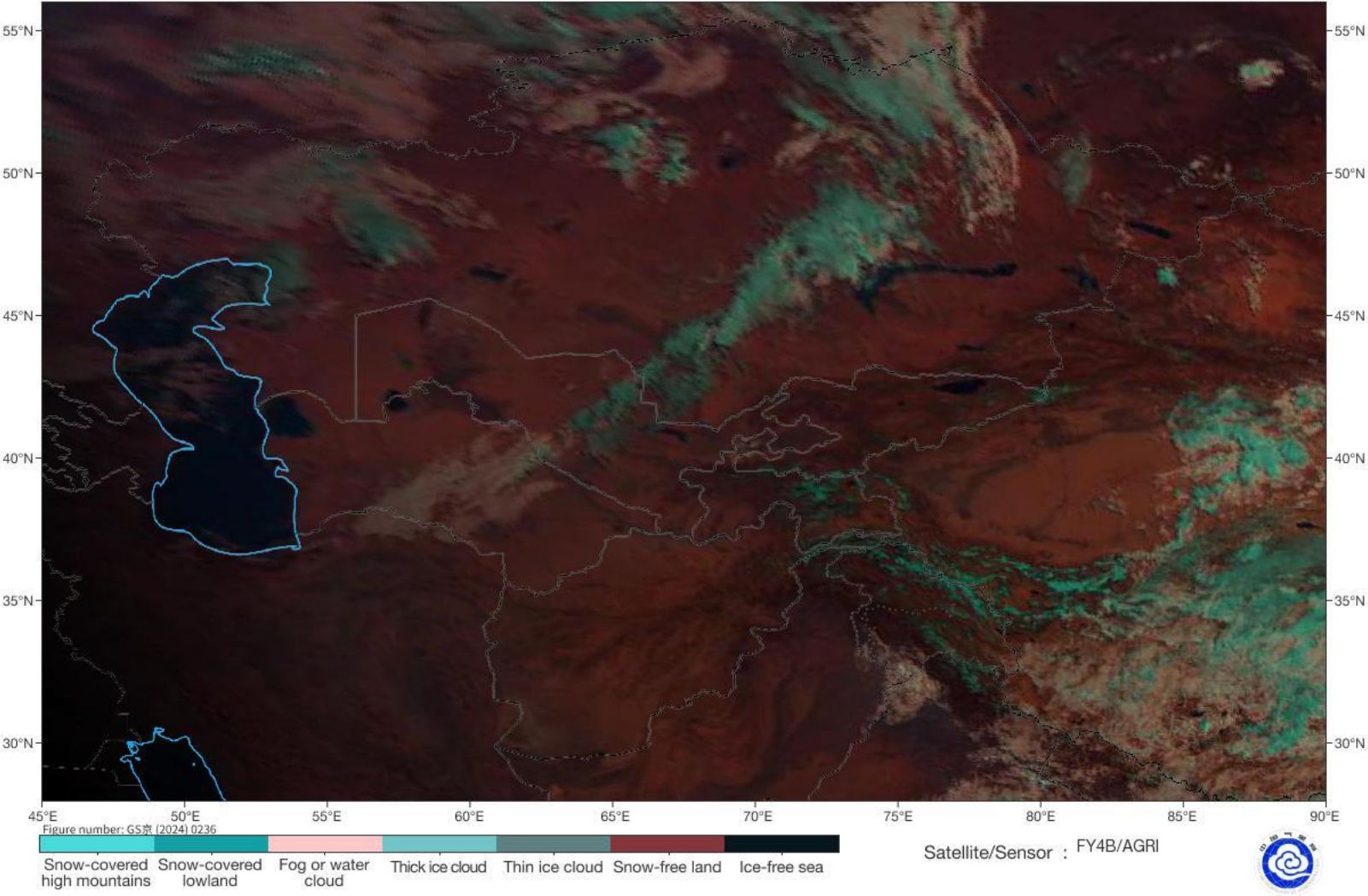
Land Surface Temperature

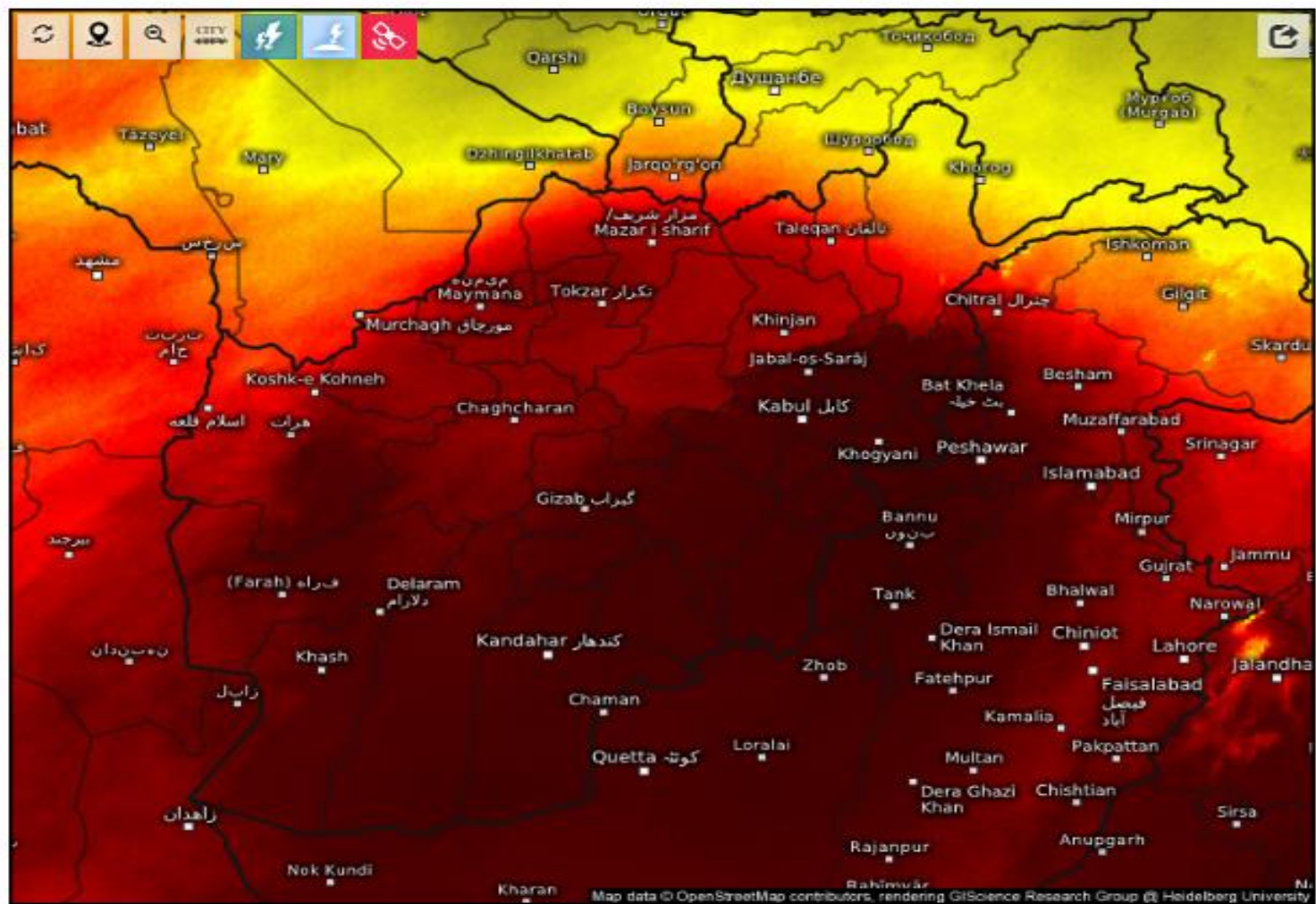
2025-06-19 02:30(UTC)



Fog Identification

2025-06-19 02:30(UTC)





Satellite Water Vapor

Thu 06/19/2025, 07:30am GMT+0430

