



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



Daily reports of Satellite imagery analysis. Date & Time: 17-09-2026, 03:00 UTC

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	✓	X	X	
2	South	✓	✓	X	X	X	✓	X	X	
3	West	✓	✓	X	X	X	✓	X	X	
4	East	✓	X	X	✓	X	✓	X	X	
5	central	✓	✓	X	X	X	✓	X	X	
6	Northeast	✓	X	X	✓	X	✓	X	X	
7	Southeast	✓	X	X	X	X	✓	X	X	
8	Northwest	✓	✓	X	X	X	✓	X	X	
9	Southwest	✓	✓	X	X	X	✓	X	X	

Details: according to satellite imagery analysis, the northern, southern, wester, eastern, central, northeastern, southeastern, northwestern, and southwestern areas have warm air mass. The southern, western, central, northwestern, and southwestern areas have dust storm. Some parts of eastern and northeastern areas have partly cloudy sky. The northern and northeastern areas have moderate water vapor. The southern, western, eastern, central, southeastern, and northwestern areas have weak water vapor. The southwestern areas are dry.

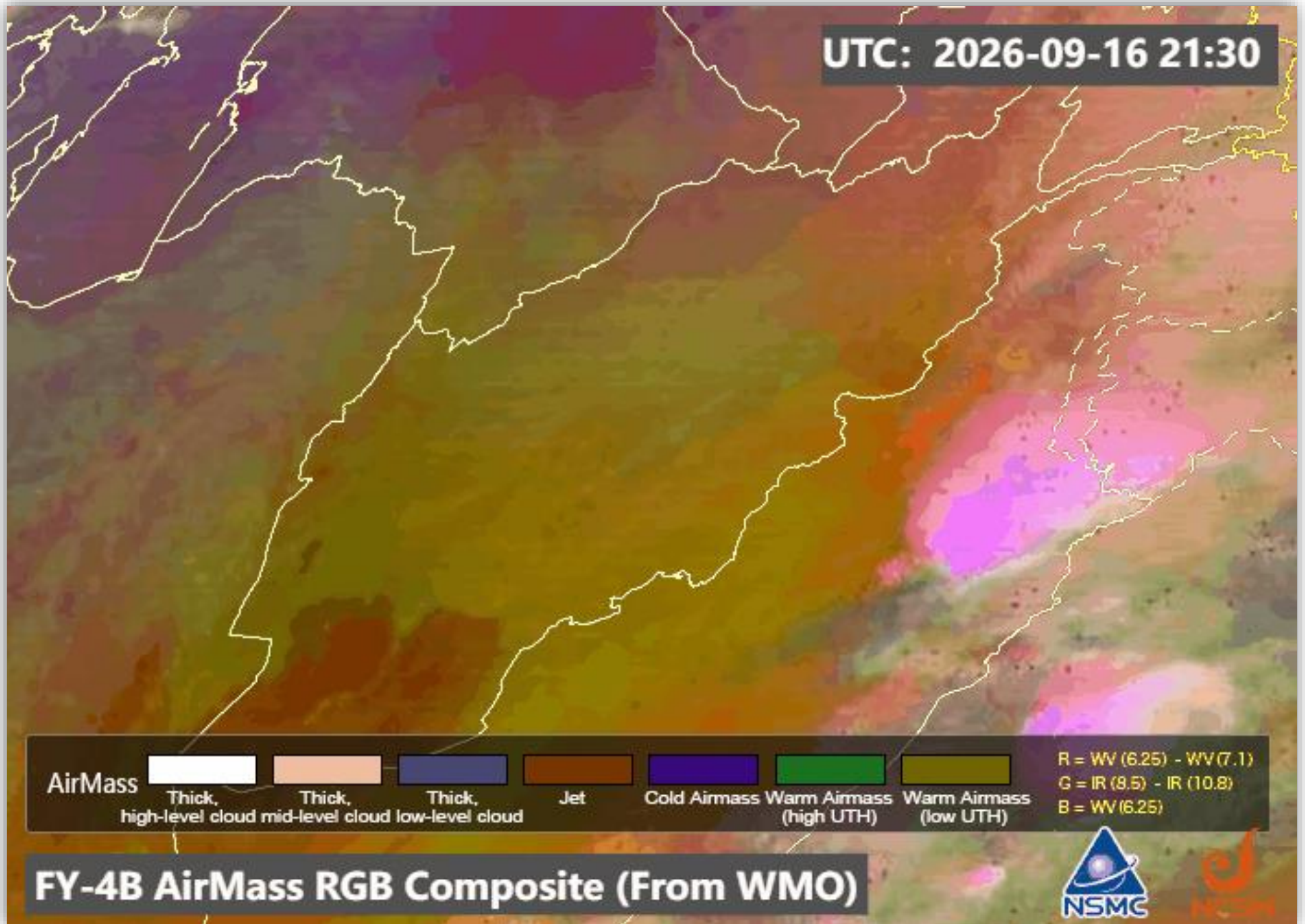
Note: ✓(existing phenomena) X (Not existing phenomena)

Reported by: Sayed Taher Atlas

Legend:

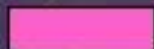
Dust	Water vapor	Air mass	Thunder storm	Cloud	Fog	Jet stream	Cyclone & Anticyclone
Weak Dust	Dust storm	Weak	Dry	Moderate	Warm	Cold	

UTC: 2026-09-16 21:30

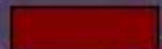


UTC: 2026-09-16 21:30

Dust



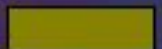
Dust



High-level cloud



Thick,
mid-level cloud



Thin,
mid-level cloud



Ocean



Land



Low-level cloud

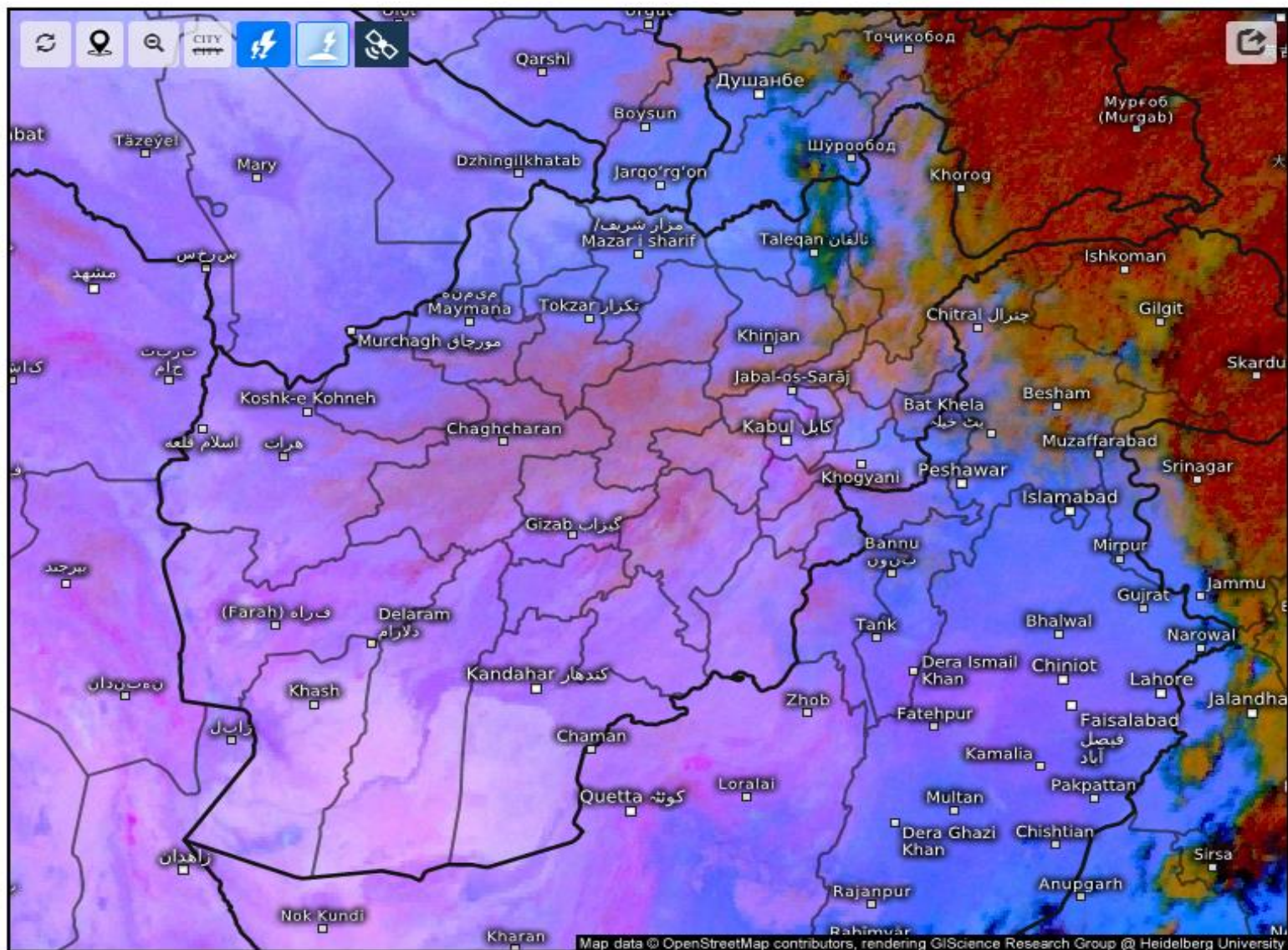


Cirrus

R = IR (12.0) - IR (10.8)
G = IR (10.8) - IR (8.5)
B = IR (10.8)

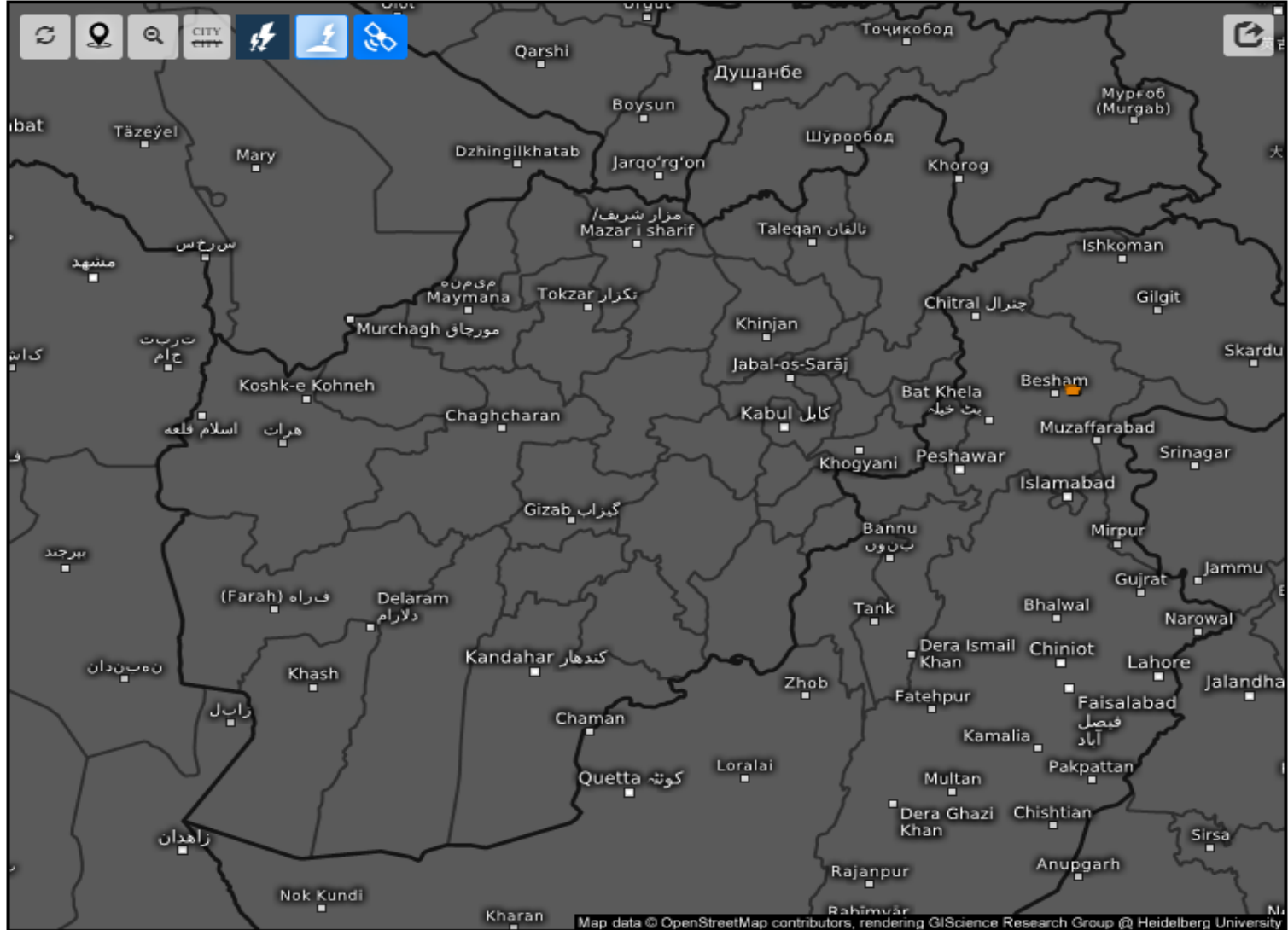
FY-4B Dust RGB Composite (From WMO)





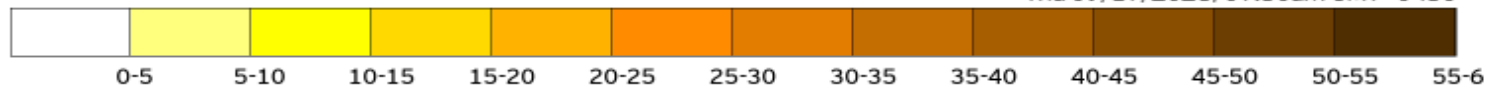
Satellite Dust 

Thu 09/17/2026, 07:30am GMT+0430



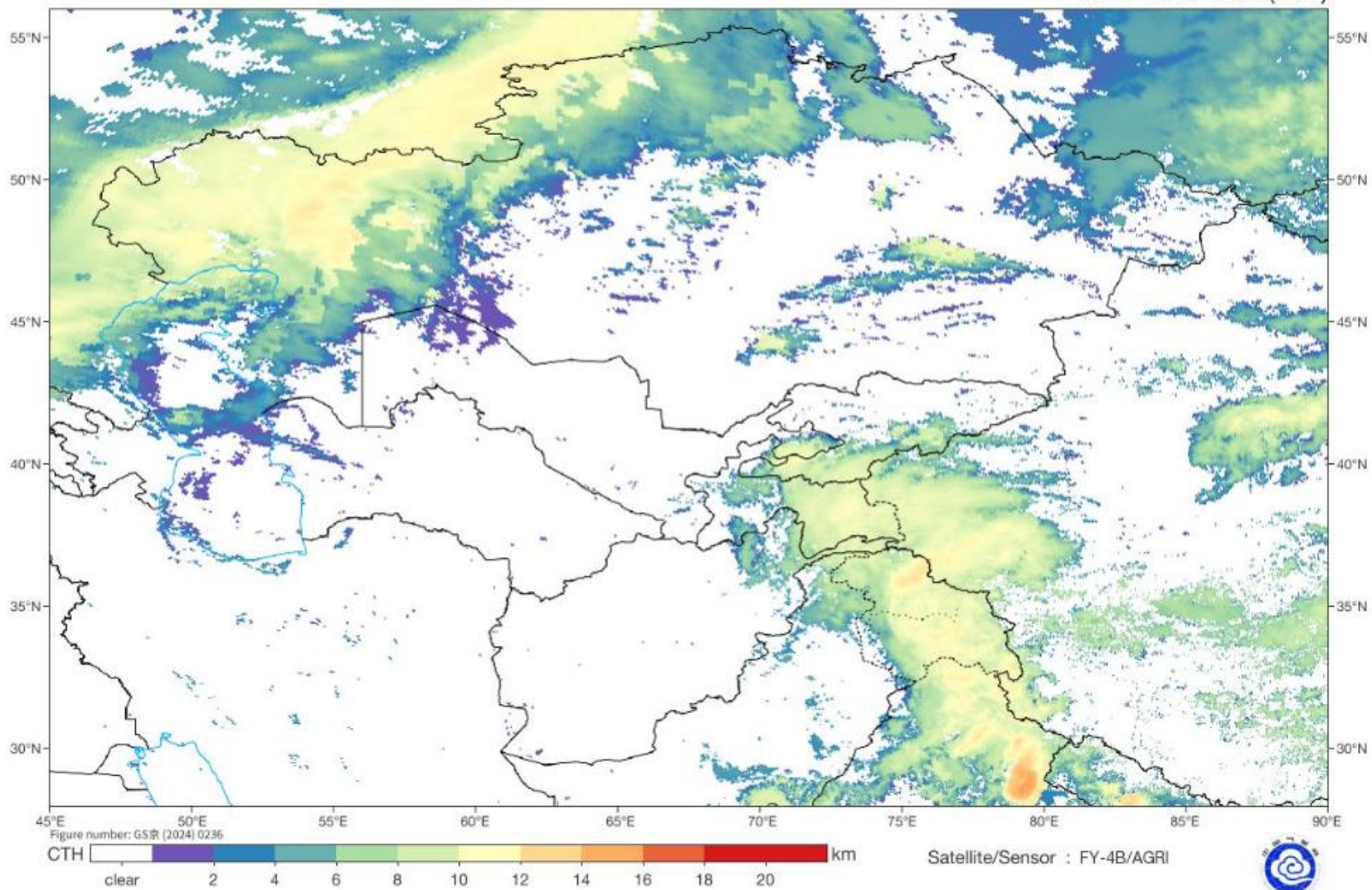
Age of lightning (minutes) 

Thu 09/17/2026, 07:30am GMT+0430



Cloud Top Height

2026-09-17 03:30(UTC)



Live satellite map, Afghanistan



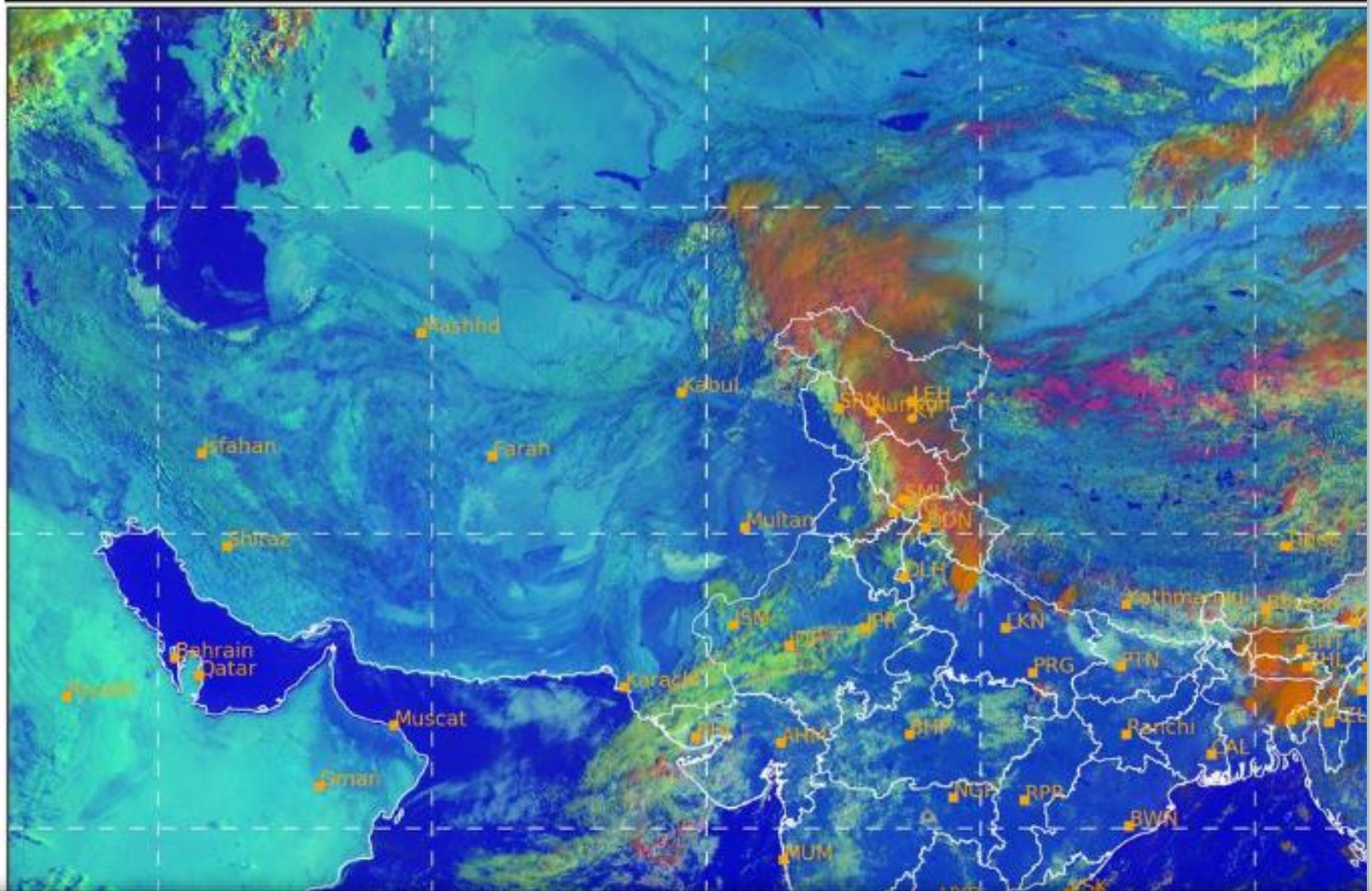
SAT : INSAT-3DR IMG 17-09-2026/(0315 to 0342) GMT

SAT : INSAT-3DR IMG 17-09-2026/(0315 to 0342) GMT

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

L1C Mercator 17-09-2026/(0845 to 0912) IST

L1C Mercator 17-09-2026/(0845 to 0912) IST

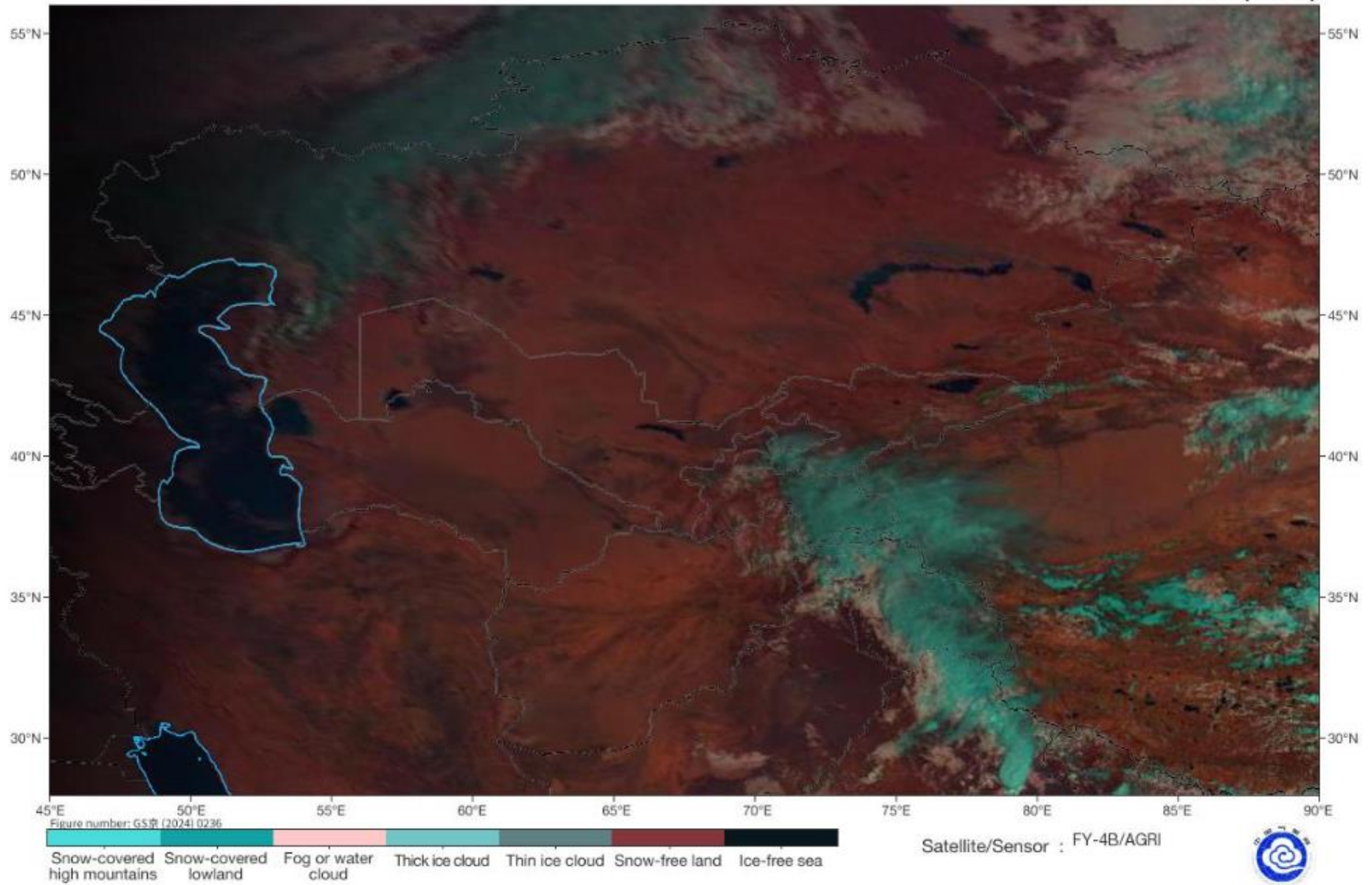


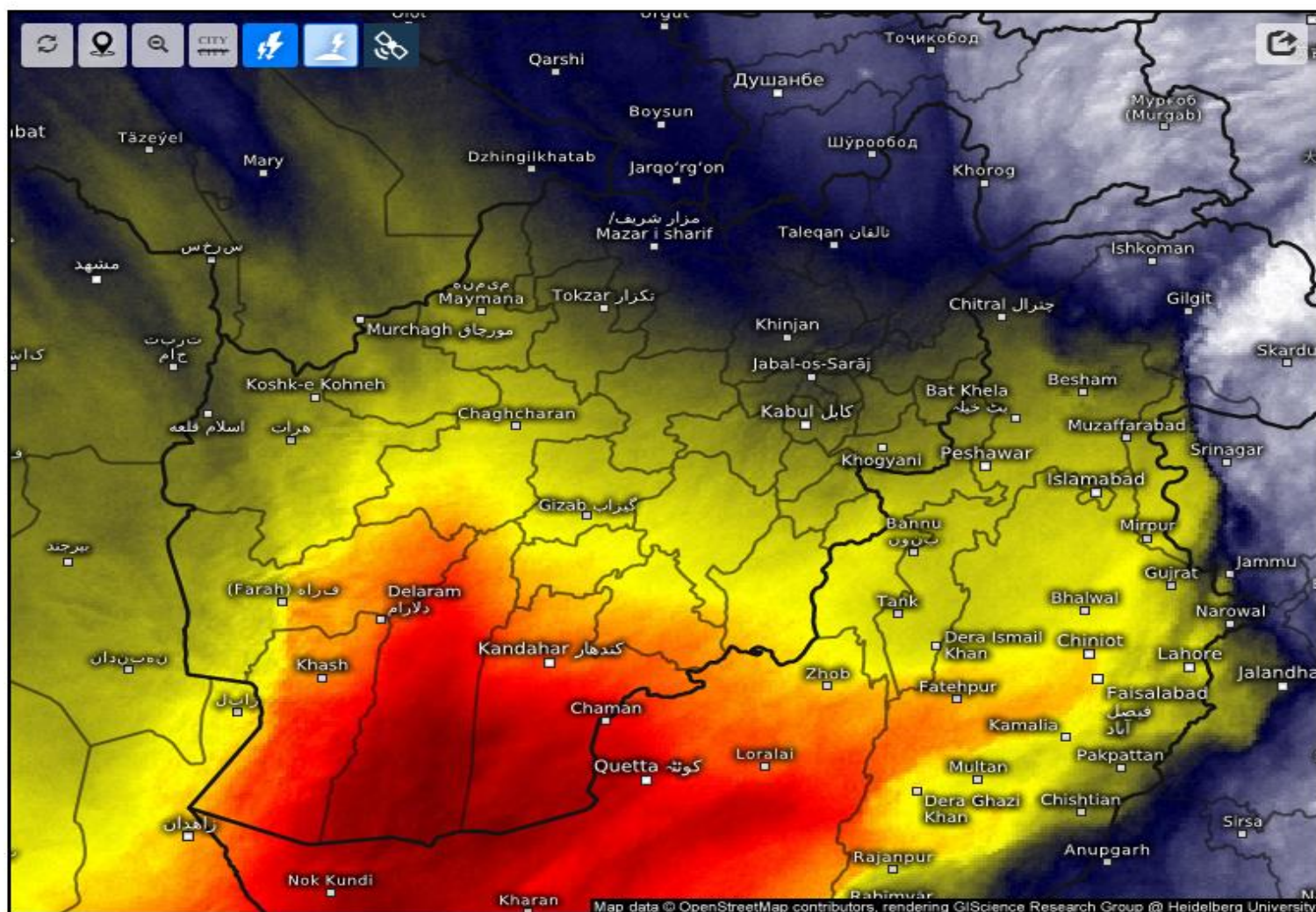
0	100% 0	60% 203	323K
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Fog Low Clouds Mid Orographic Cloud CB Snow Dust

Fog Identification

2026-09-17 03:30(UTC)





Satellite Water Vapor 

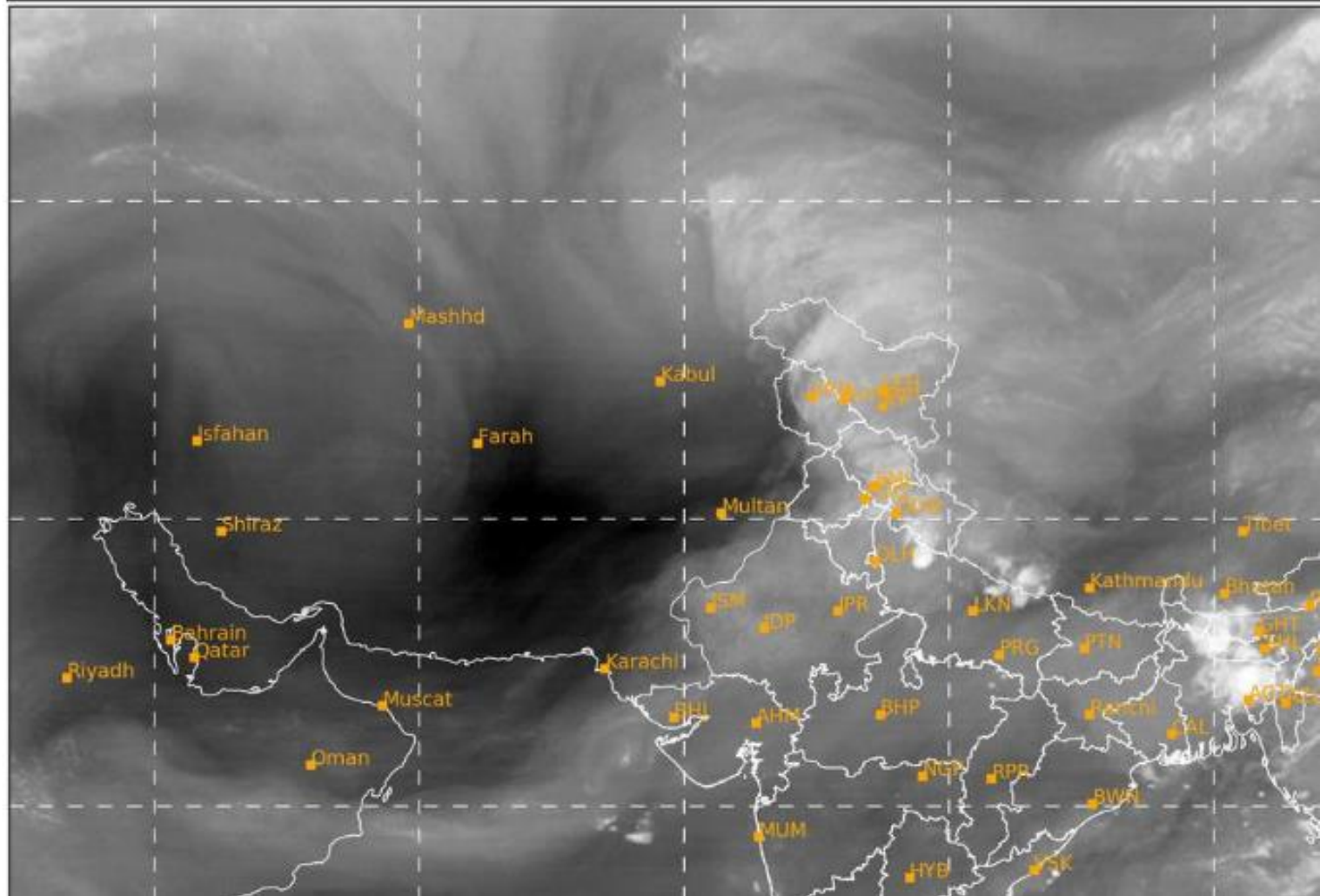
Thu 09/17/2026, 07:30am GMT+0430



17-09-2026/(0215 to 0242) GMT

17-09-2026/(0745 to 0812) IST

L1C Mercator



SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

17-09-2026/(0215 to 0242) GMT
17-09-2026/(0745 to 0812) IST

