



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



Daily reports of Satellite imagery analysis. Date & Time: 30-09-2026, 09:00 UTC

No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	✓	X	✓	X	X	
2	South	✓	X	X	X	X	✓	X	X	
3	West	✓	✓	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	
8	Northwest	✓	X	✓	✓	X	✓	X	X	CB
9	Southwest	✓	X	X	X	X	✓	X	X	

Details: According to satellite imagery analysis, the eastern areas are under a weak warm air mass, while the northern, southern, western, central, northeastern, southeastern, northwestern and southwestern regions are under a cold air mass. Dust storms are observed in the s southeastern and western regions. The northwestern regions have thunder storm. The northern, western, eastern, central, northeastern and northwestern regions have cloudy skies. The all-regions have moderate water vapor.

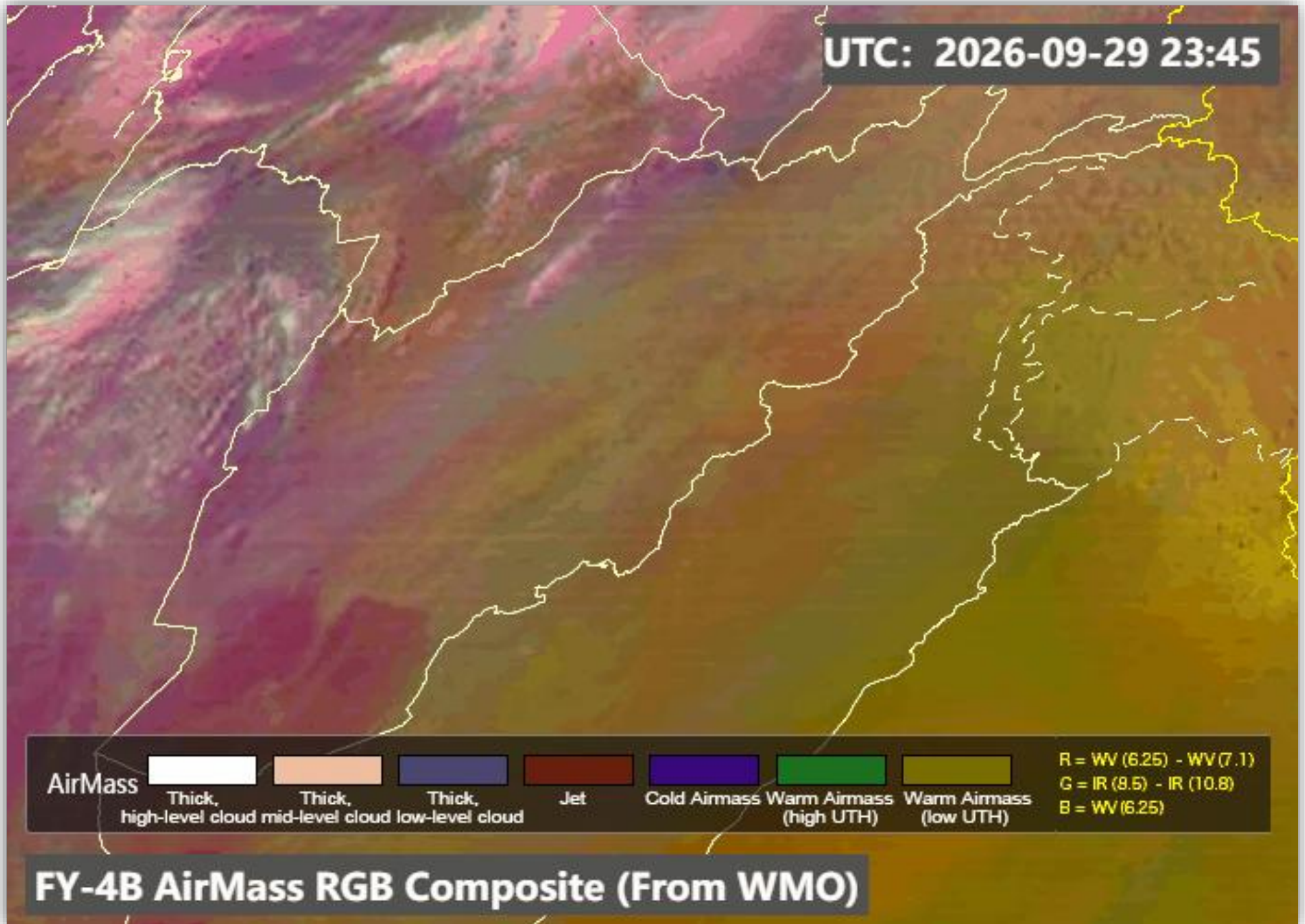
Not: ✓(existing phenomena) X (Not existing phenomena)

Reported by: Esmatullah Mohammadi

Legend:

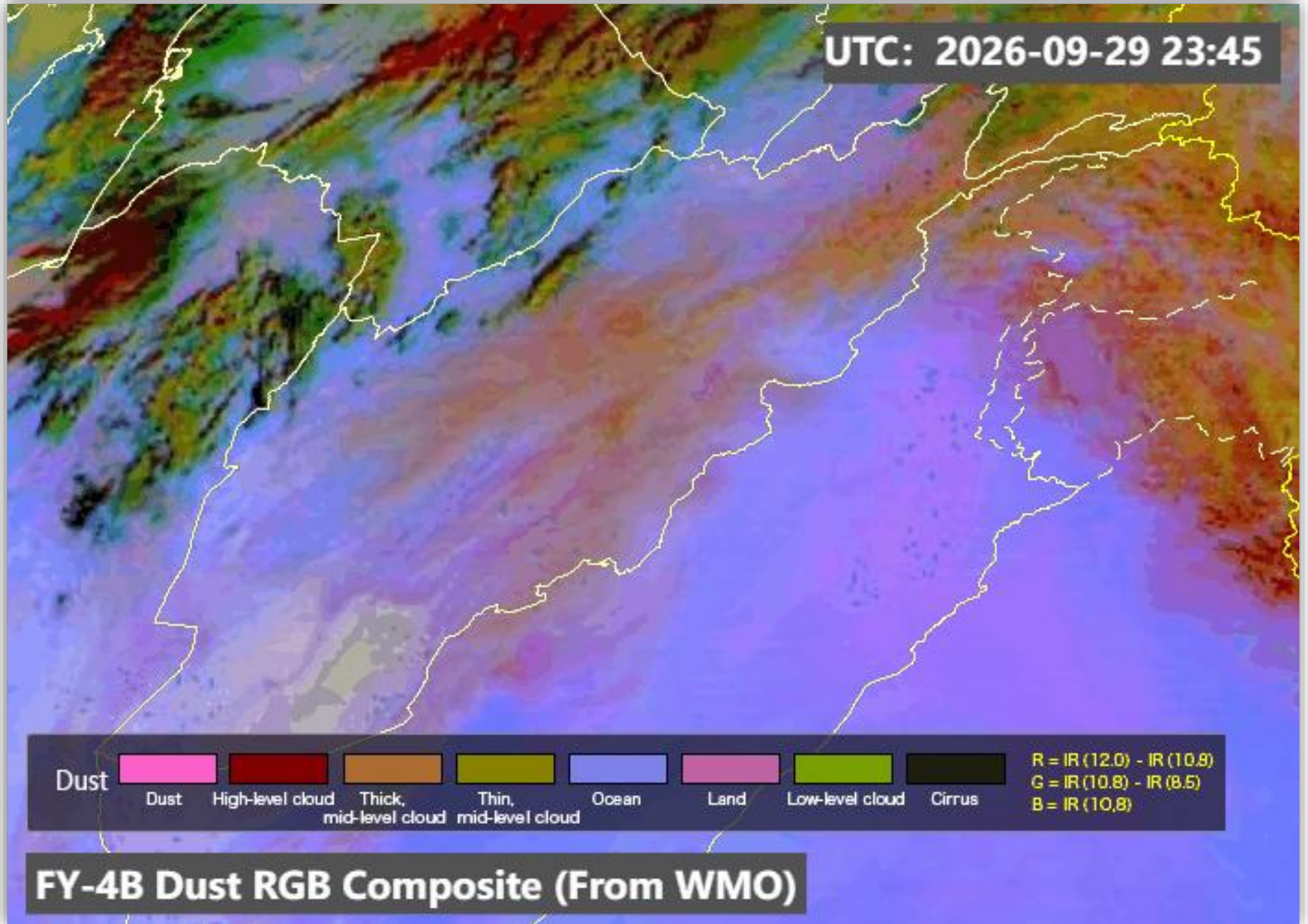
Dust	Water vapor	Air mass	Thunder storm	Cloud	Fog	Jet stream	Cyclone & Anticyclone
Weak Dust	Dust storm	Weak	Dry	Moderate	Warm	Cold	

UTC: 2026-09-29 23:45

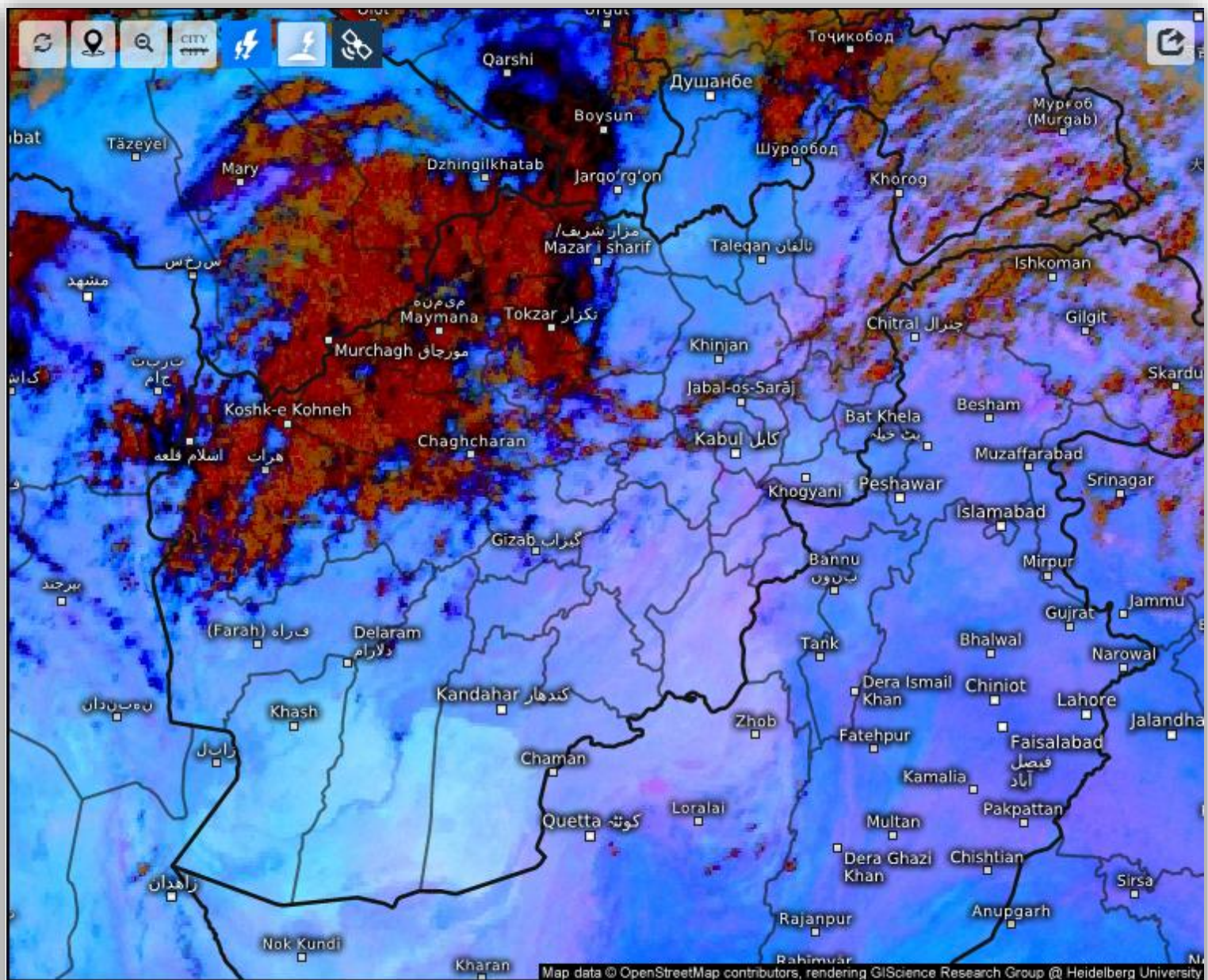


FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-09-29 23:45

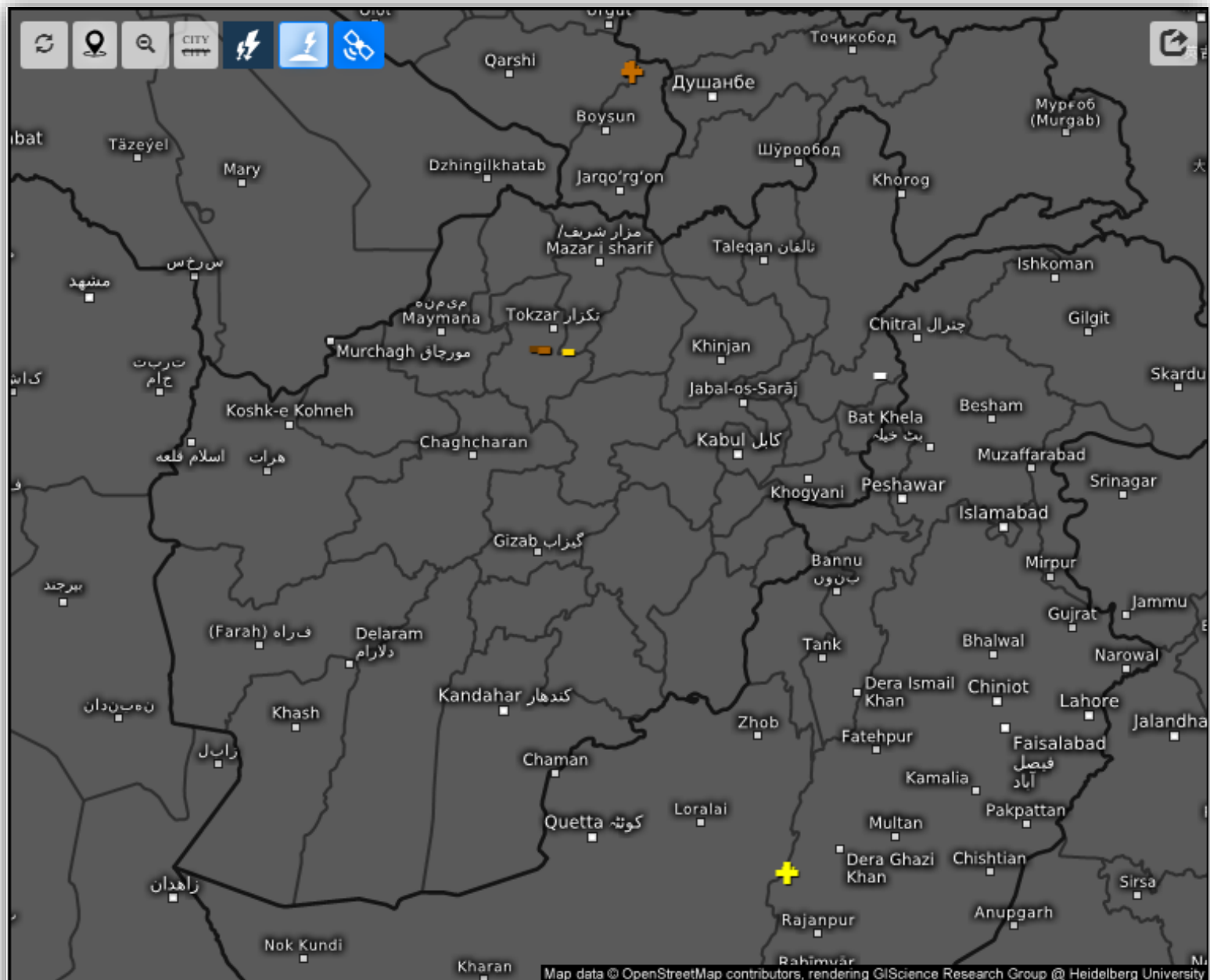


FY-4B Dust RGB Composite (From WMO)



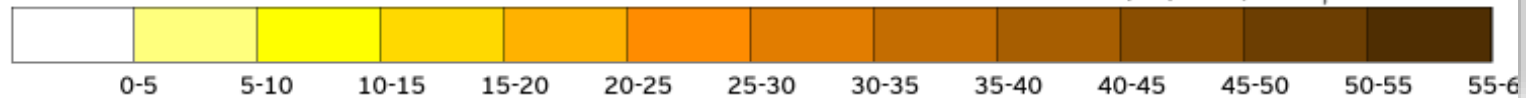
Satellite Dust 

Wed 09/30/2026, 01:15pm GMT+0430



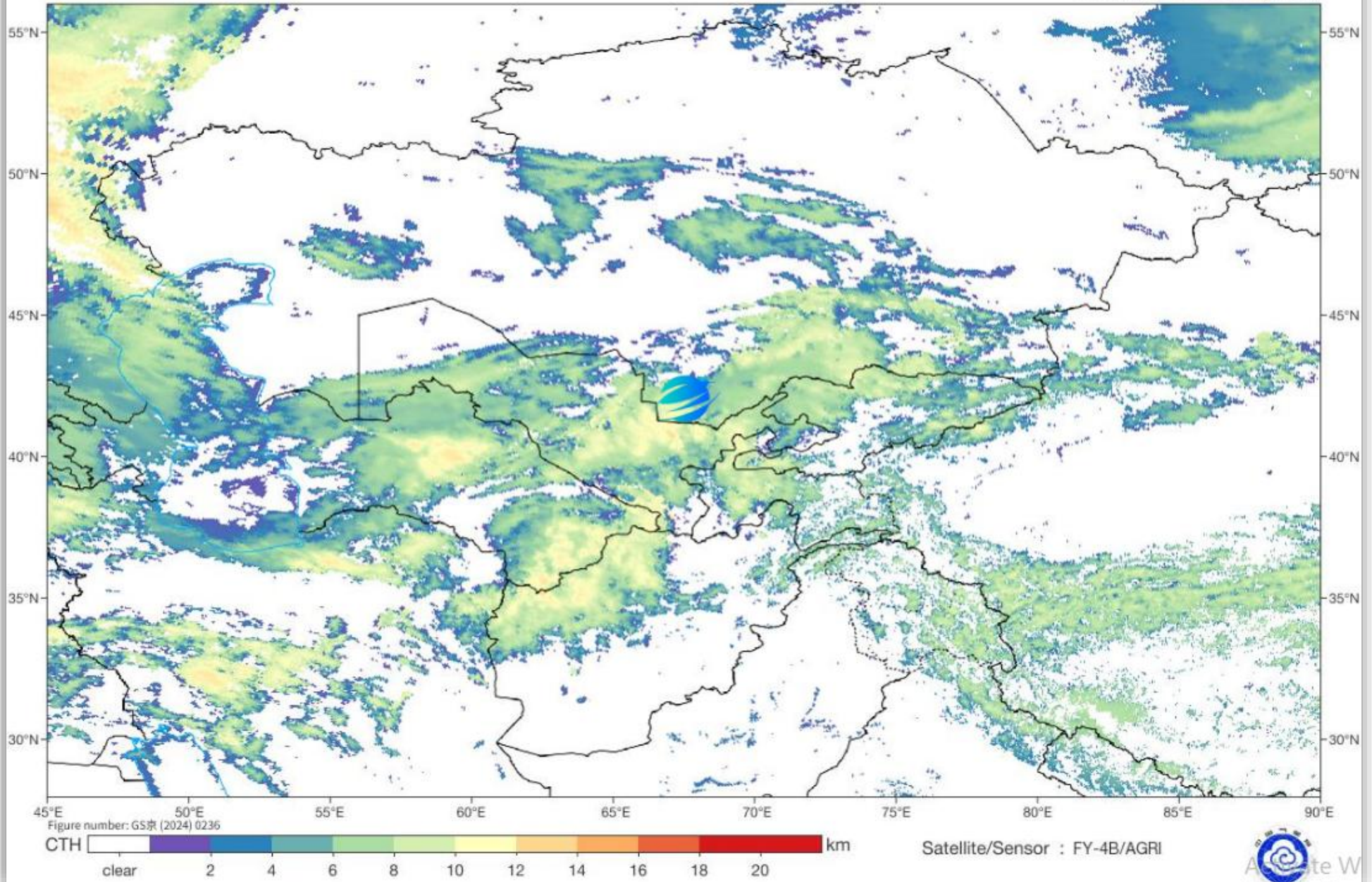
Age of lightning (minutes) 

Wed 09/30/2026, 01:35pm GMT+0430



Cloud Top Height

2026-09-30 08:30(UTC)



Live satellite map, Afghanistan



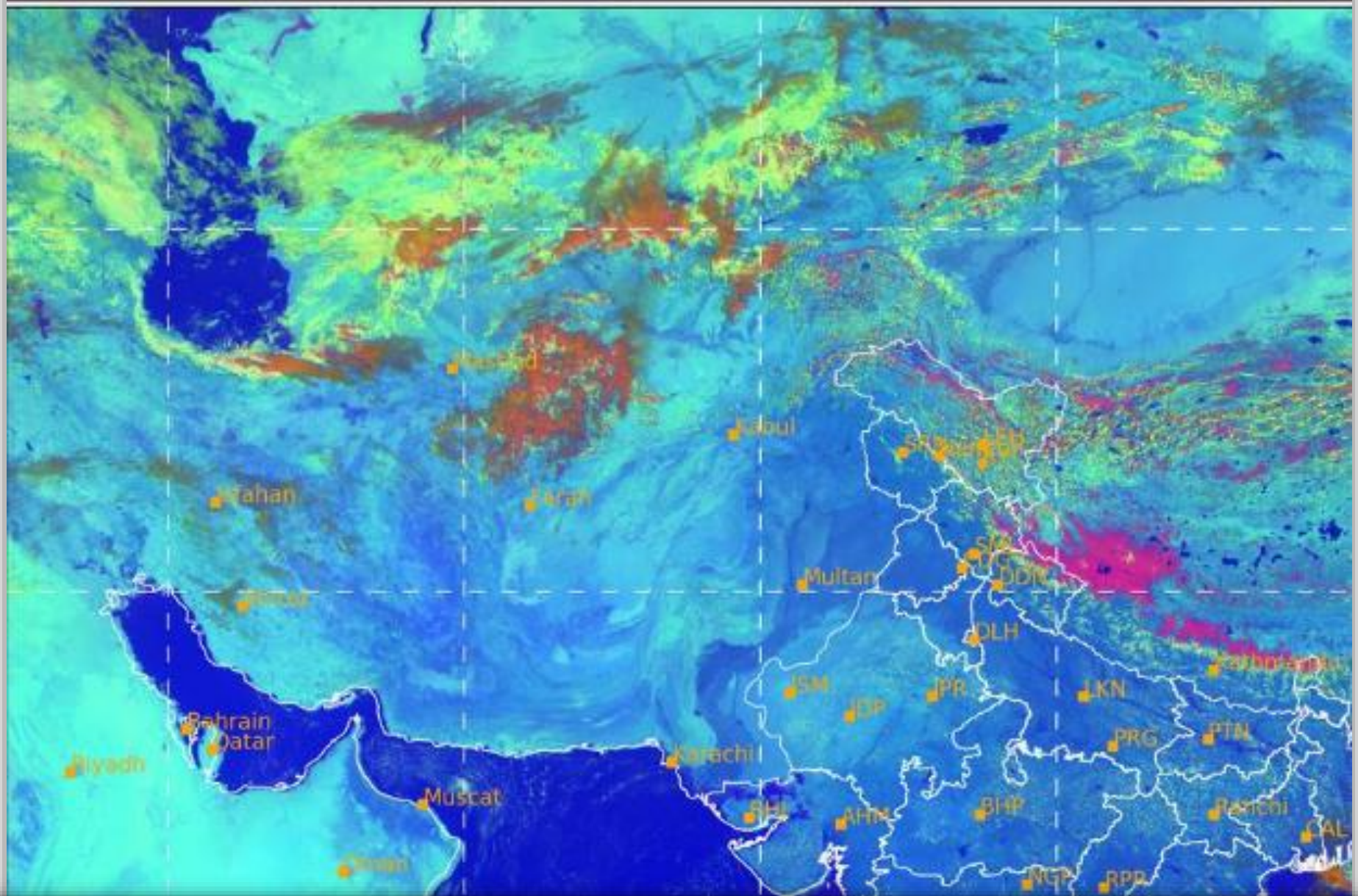
SAT : INSAT-3DR IMG

30-09-2026/(0715 to 0741) GMT

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

L1C Mercator

30-09-2026/(1245 to 1311) IST



0

100% 0

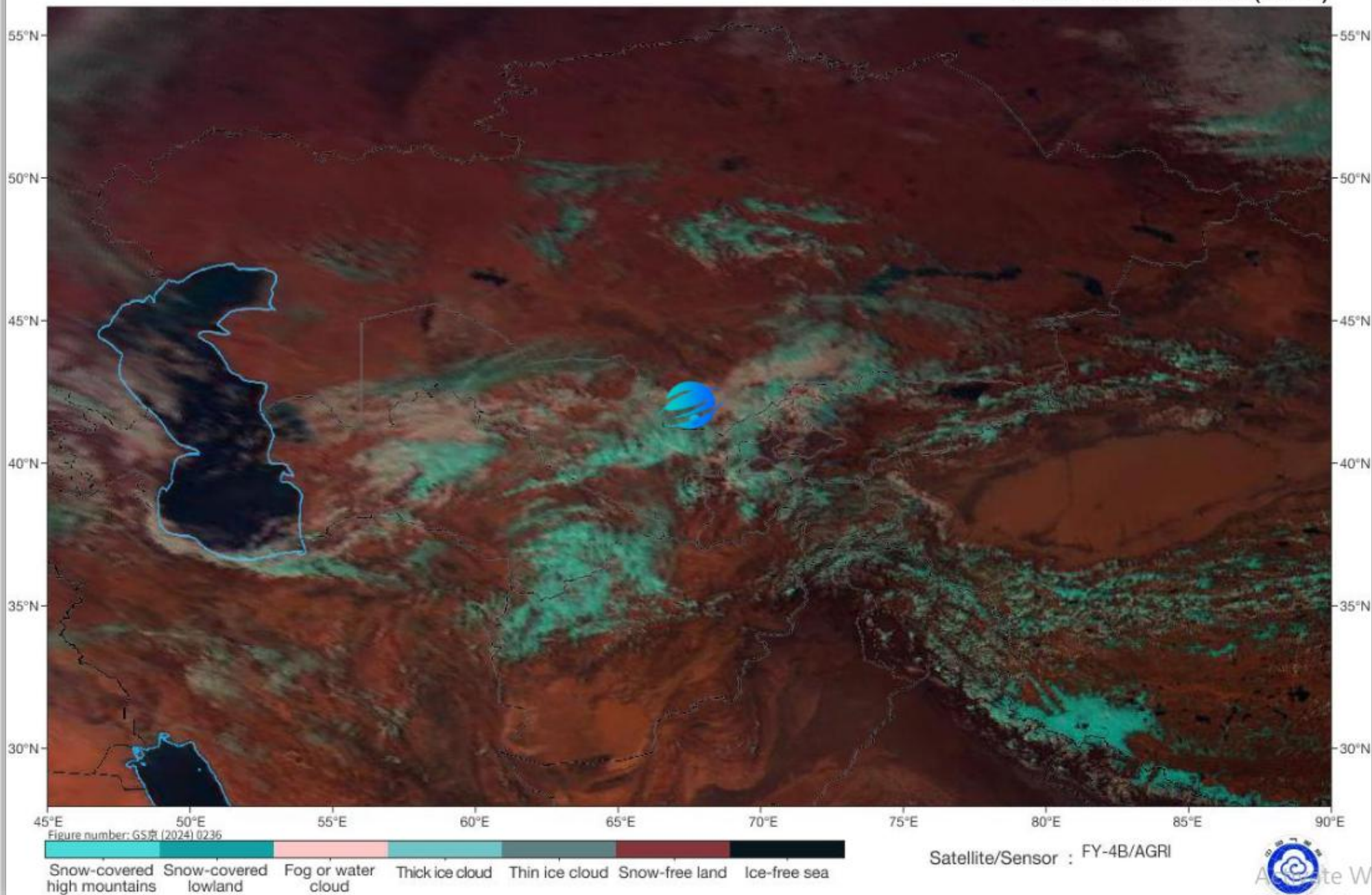
60% 203

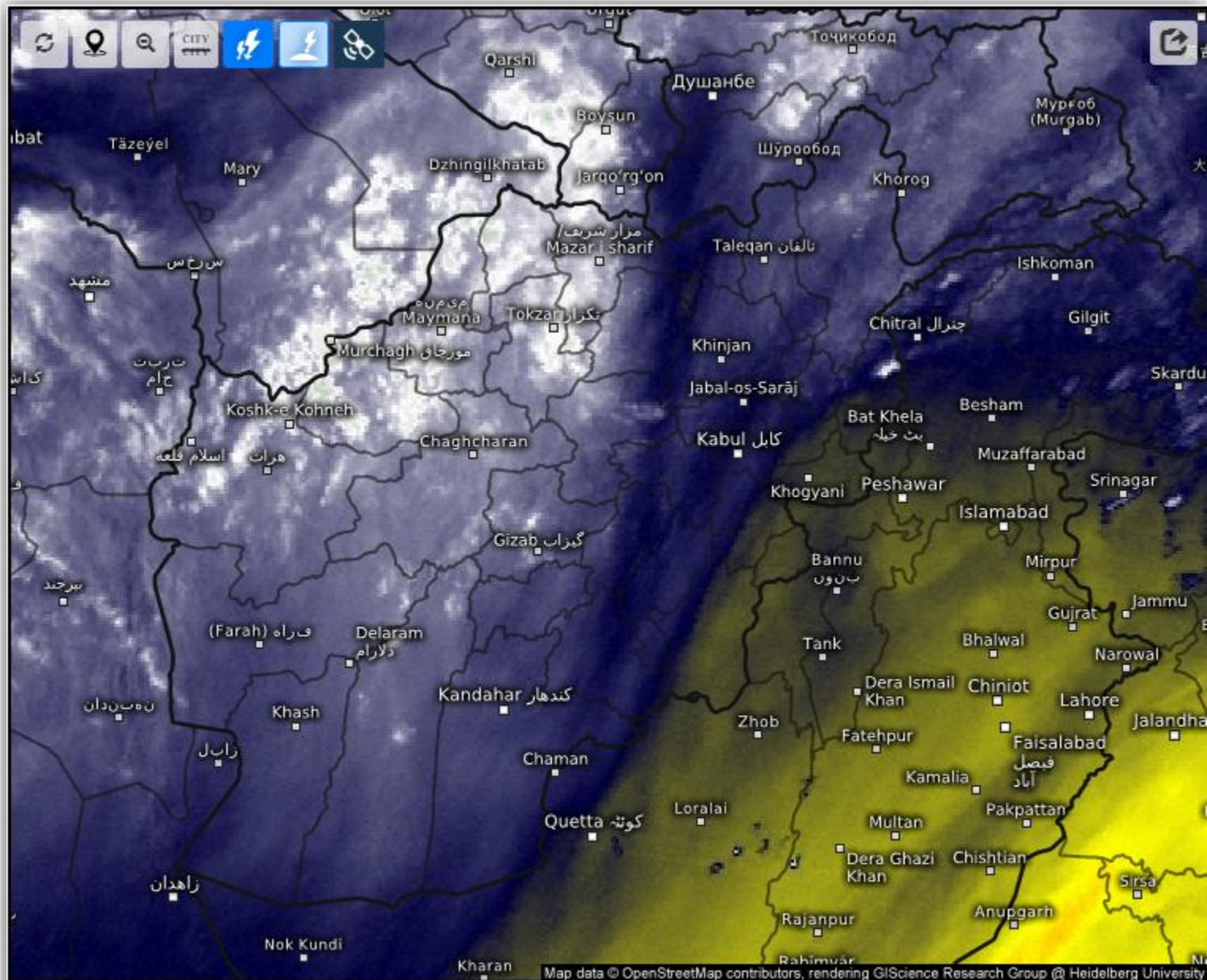
323K

Fog Low Clouds Mid Orographic Cloud CB Snow Dust

Fog Identification

2026-09-30 08:45(UTC)





Satellite Water Vapor

Wed 09/30/2026, 01:15pm GMT+0430



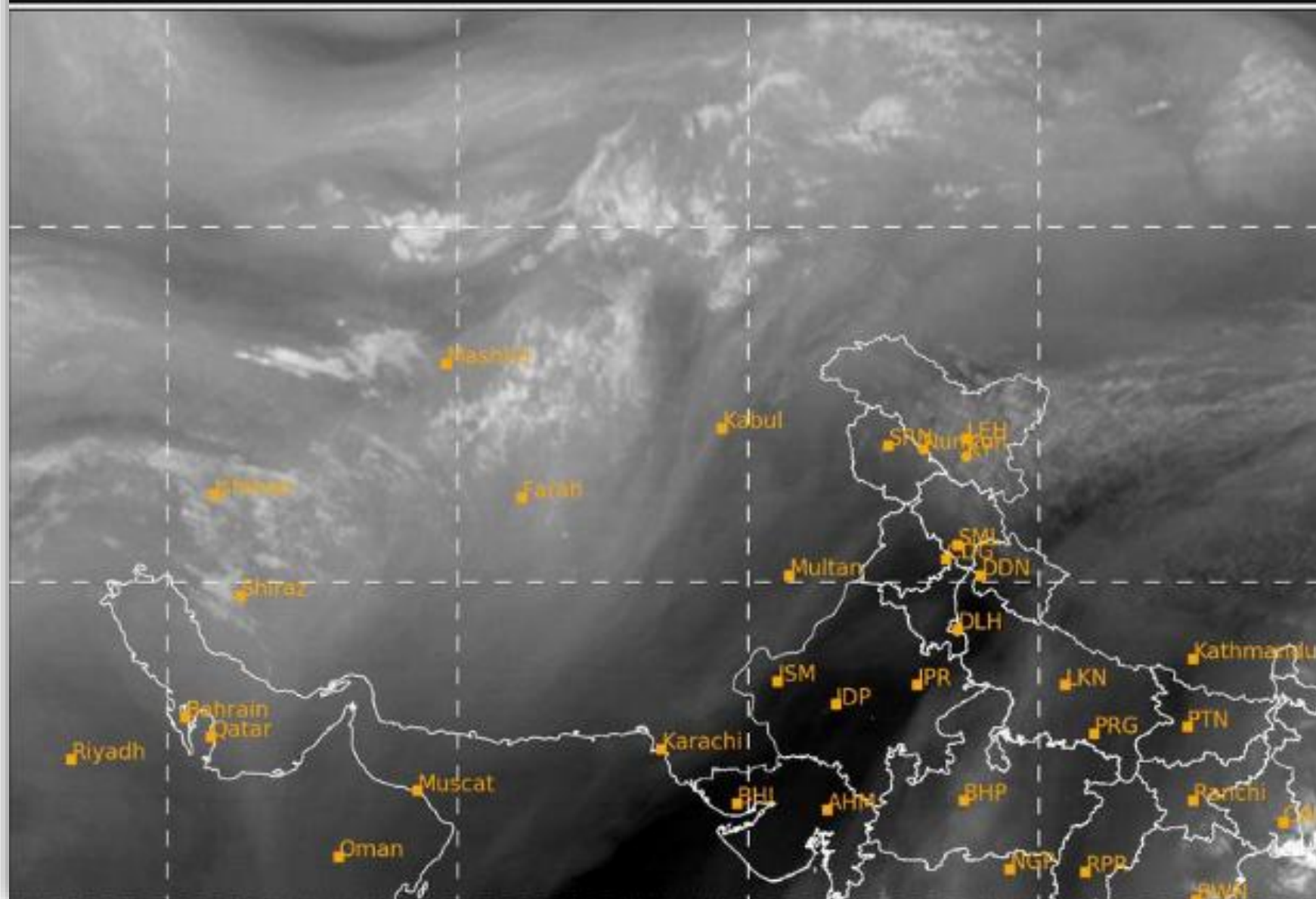
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

30-09-2026/(0715 to 0741) GMT

30-09-2026/(1245 to 1311) IST



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

30-09-2026/(0715 to 0741) GMT
30-09-2026/(1245 to 1311) IST

