



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



Daily reports of Satellite imagery analysis. Date & Time: 20-08-2026, 07:30 UTC

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

Details: According to satellite imagery analysis, the northern, southern, western, eastern, central, northeastern, southeastern, northwestern and southwestern regions have a warm air mass with (High UTH). The western, northwestern and southwestern regions have dust. The eastern, northeastern and southeastern regions have cloudy skies. The all- regions have dry/warm water vapor with the exception of western, northwestern regions have weak water vapor. The northern, southern and southwestern regions have Jetstream.

Not: X (Not existing phenomena) V (existing phenomena)

Reported by: Esmatullah Mohammadi

UTC: 2026-08-19 22:15

AirMass



Thick,
high-level cloud



Thick,
mid-level cloud



Thick,
low-level cloud



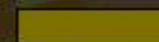
Jet



Cold Airmass



Warm Airmass
(high UTH)

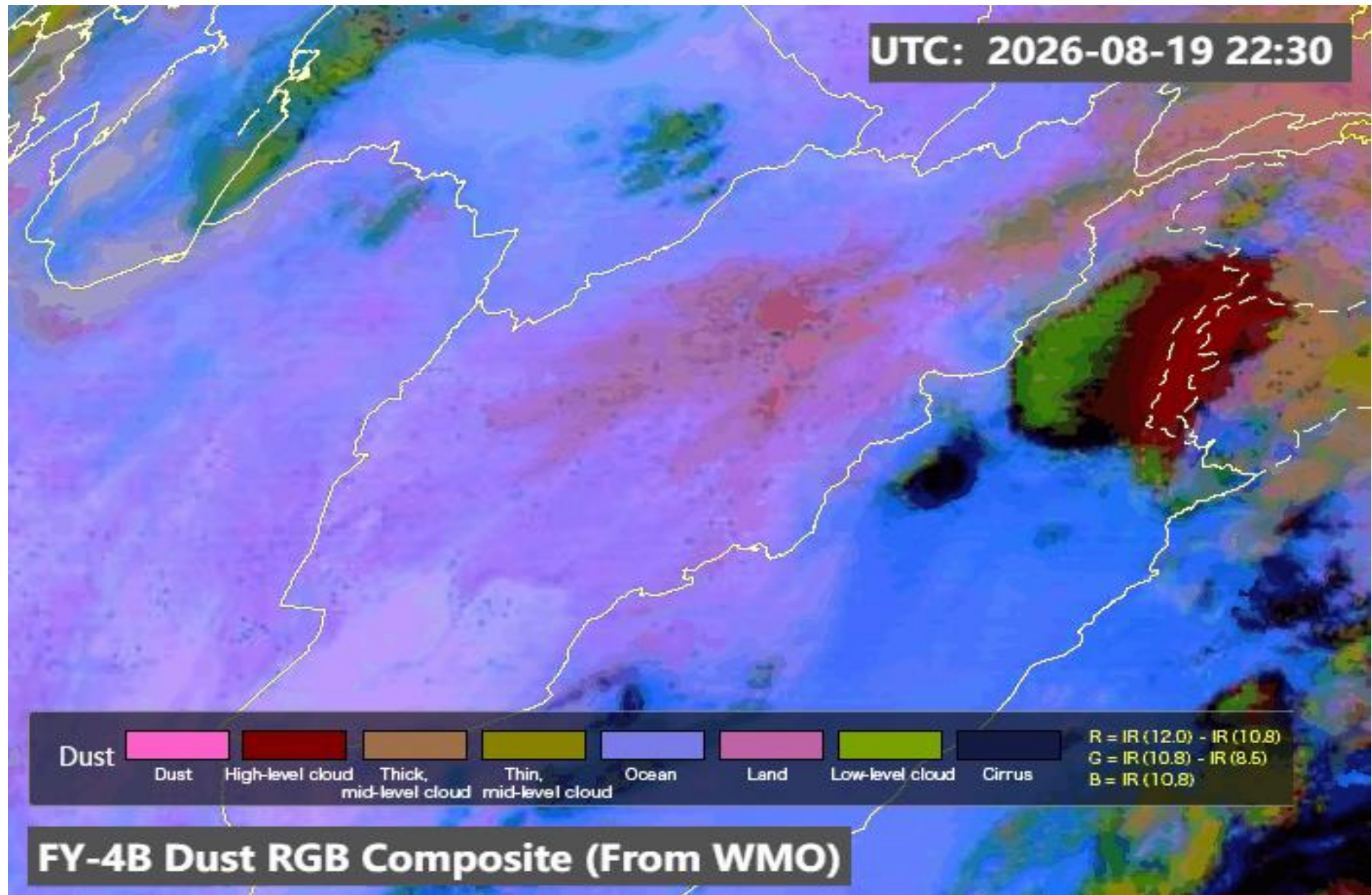


Warm Airmass
(low UTH)

R = WV (6.25) - WV (7.1)
G = IR (9.5) - IR (10.8)
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-08-19 22:30

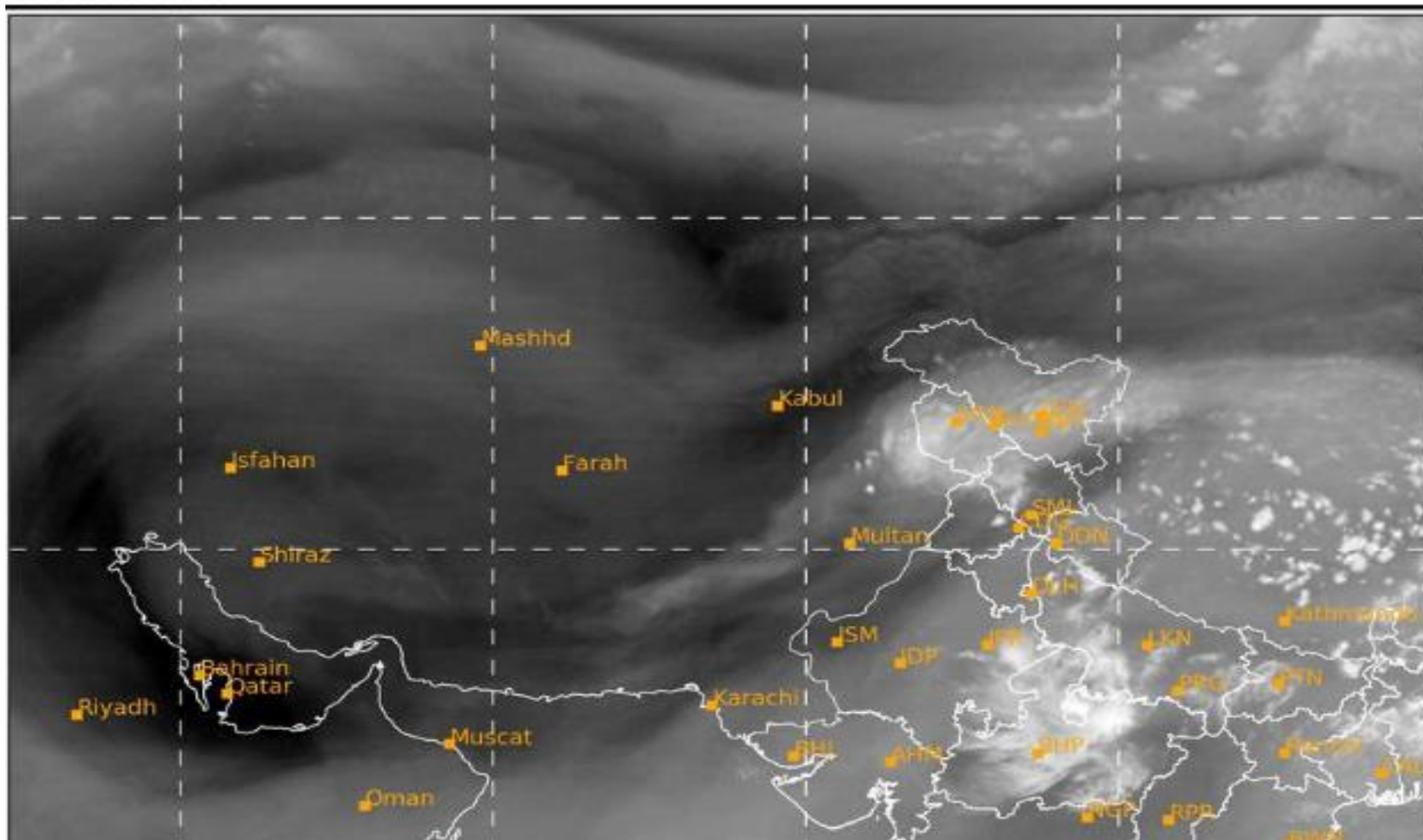


Live satellite map, Afghanistan



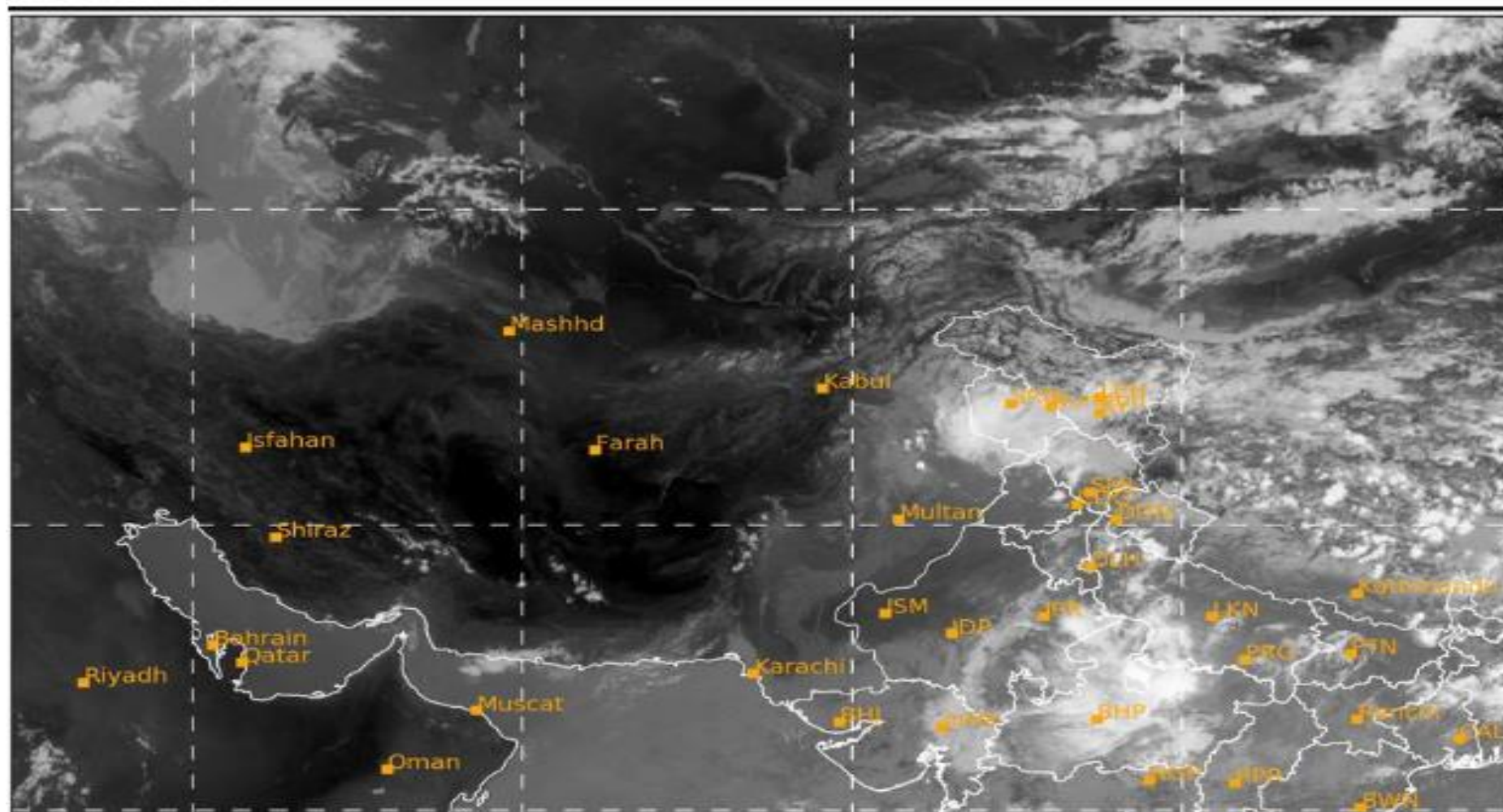
SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator

20-08-2026/(0645 to 0712) GMT
20-08-2026/(1215 to 1242) IST

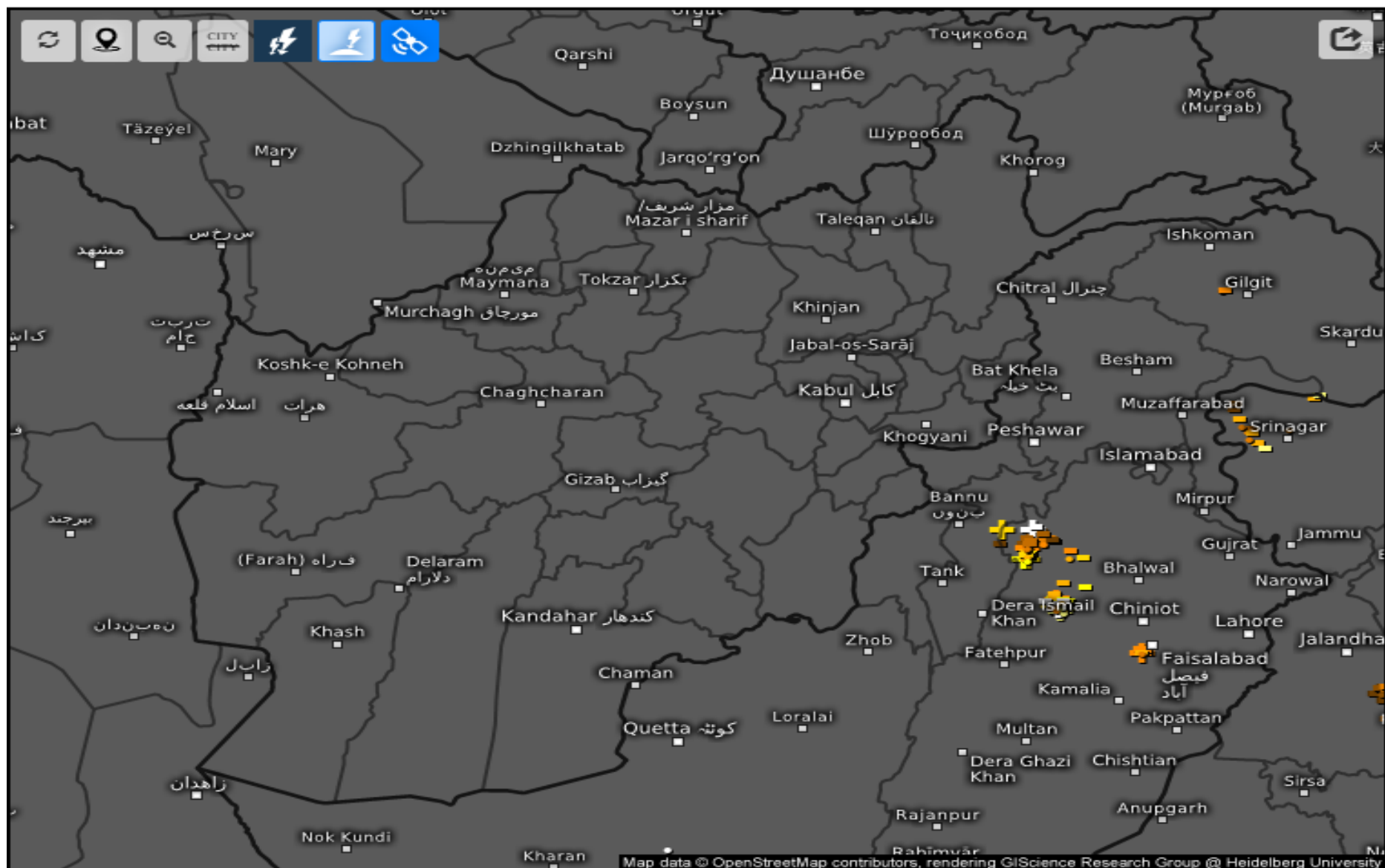


SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

20-08-2026/(0645 to 0712) GMT
20-08-2026/(1215 to 1242) IST

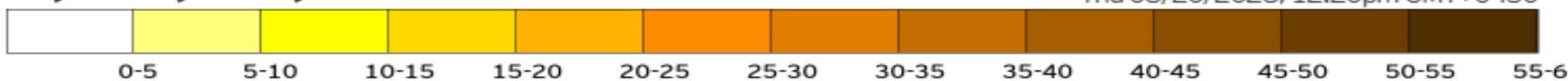


Satellite Water Vapor



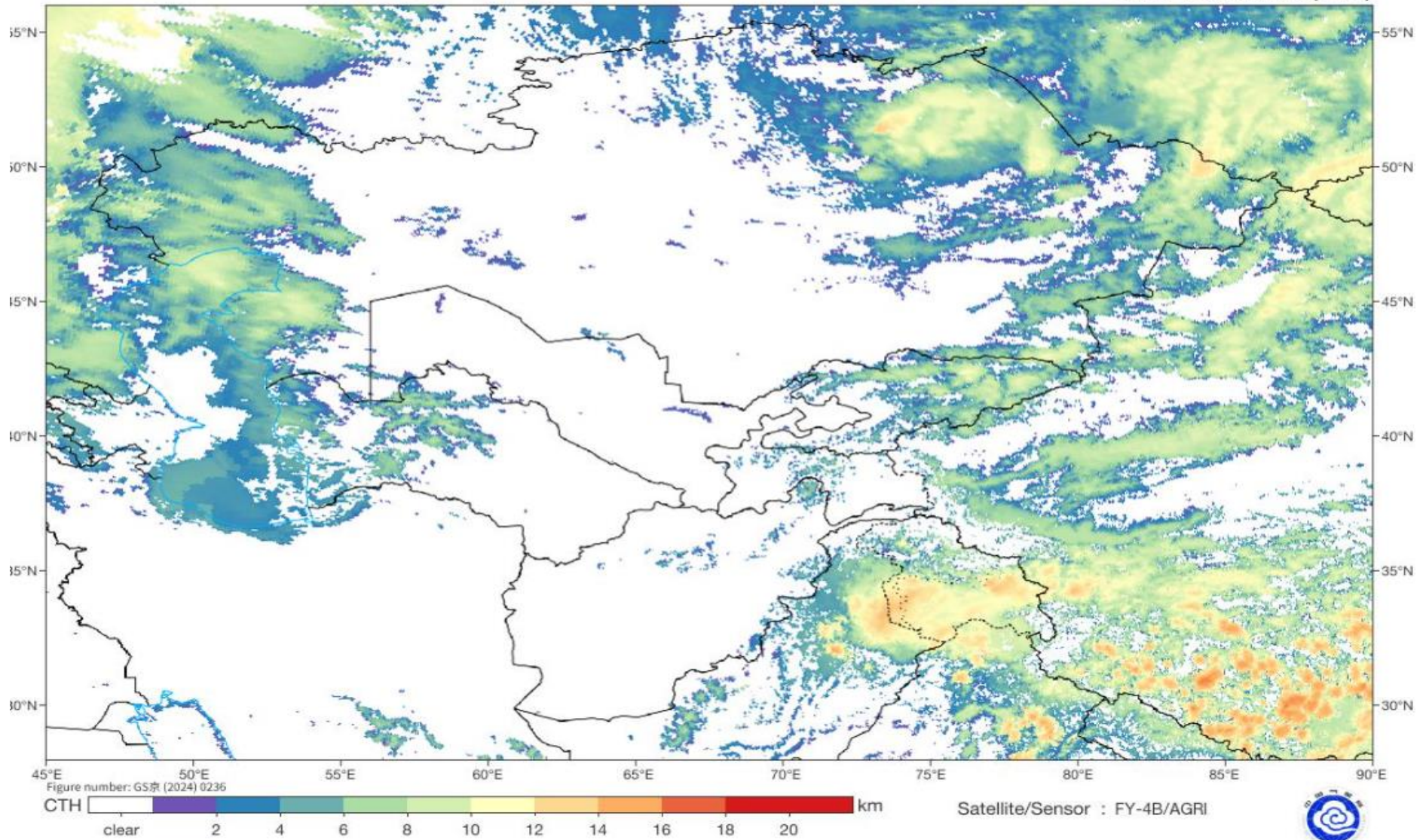
Age of lightning (minutes) 

Thu 08/20/2026, 12:20pm GMT+0430



Cloud Top Height

2026-08-20 07:30(UTC)



Fog Identification

2026-08-20 07:30(UTC)

