



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



Daily reports of Satellite imagery analysis. Date & Time: 16-07-2026, 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	X	✓ dry	X	✓	
2	South	X	X	X	X	X	✓ dry	X	X	
3	West	✓	light	X	X	X	✓ dry	X	X	
4	East	✓	X	X	✓	X	✓ dry	X	X	
5	central	✓	X	X	X	X	✓ dry	X	X	
6	Northeast	✓	X	X	✓	X	✓ dry	X	X	
7	Southeast	X	X	✓	X	X	✓ Weak	X	X	
8	Northwest	✓	light	X	X	X	✓ dry	X	✓	
9	Southwest	X	light	X	X	X	✓ dry	X	✓	

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

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

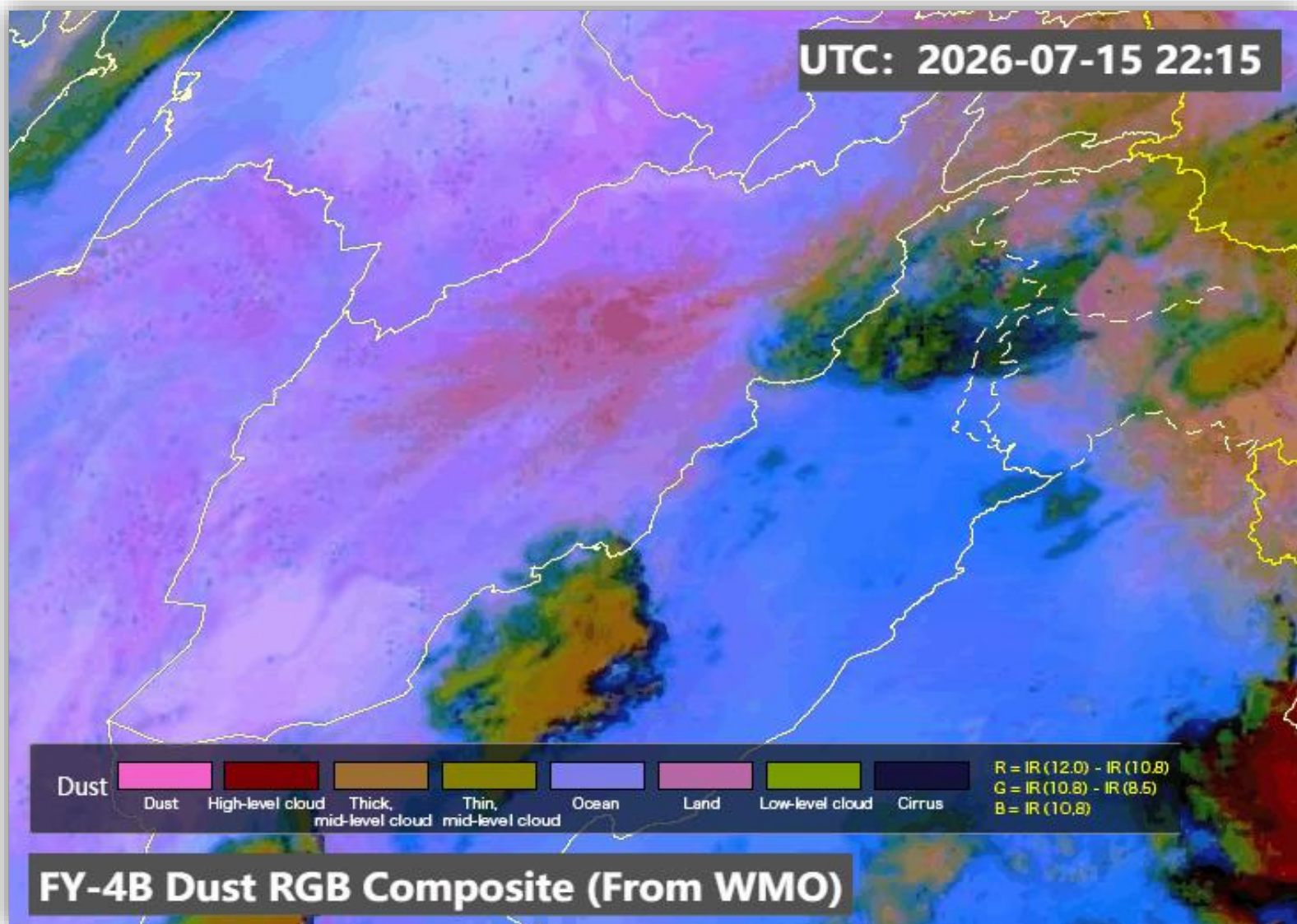
Reported by: Esmatullah Mohammadi

UTC: 2026-07-15 22:15



FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-07-15 22:15



FY-4B Dust RGB Composite (From WMO)

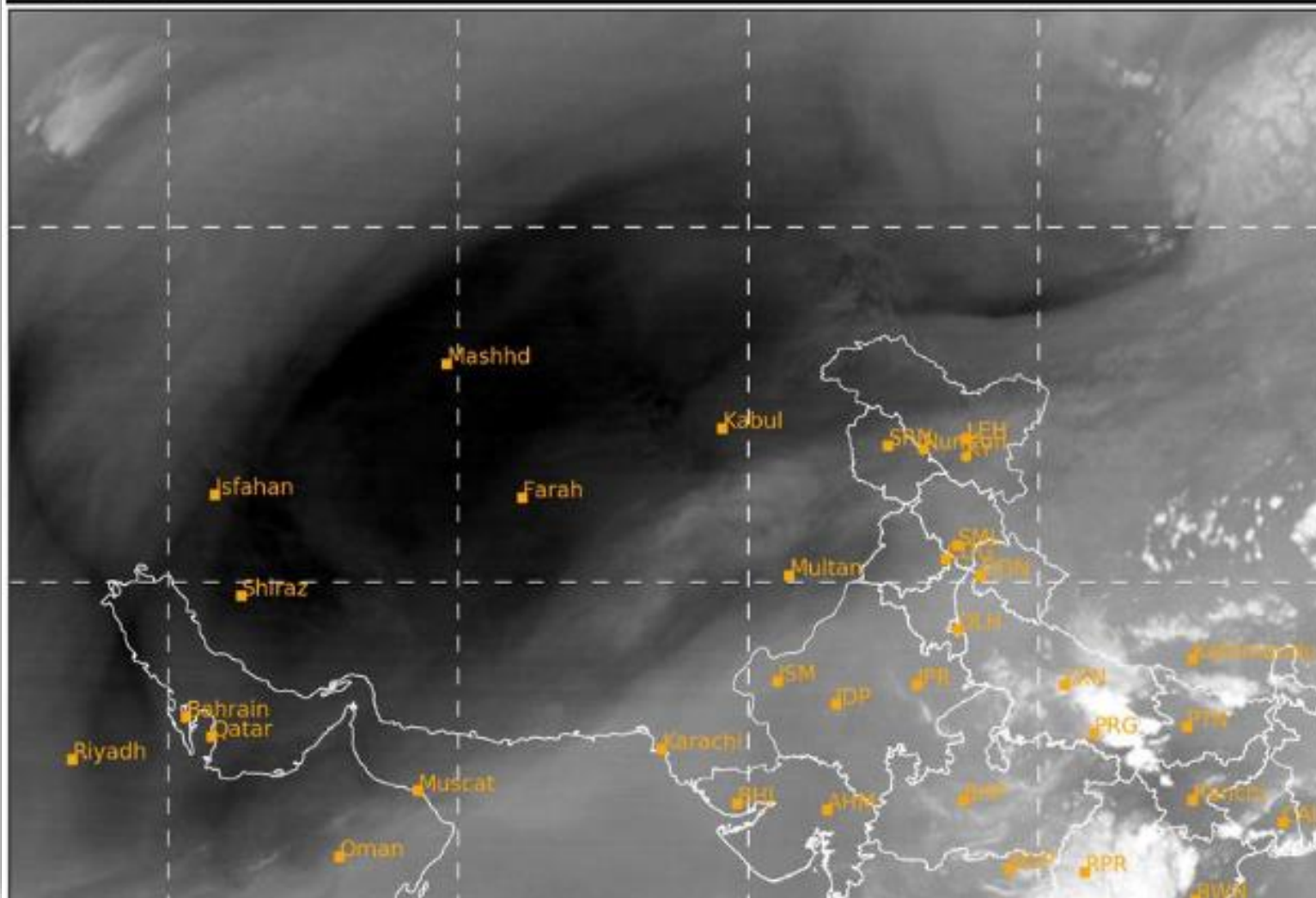
SAT : INSAT-3DR IMG

IMG_WV 6.8 um

L1C Mercator

16-07-2026/(0615 to 0642) GMT

16-07-2026/(1145 to 1212) IST



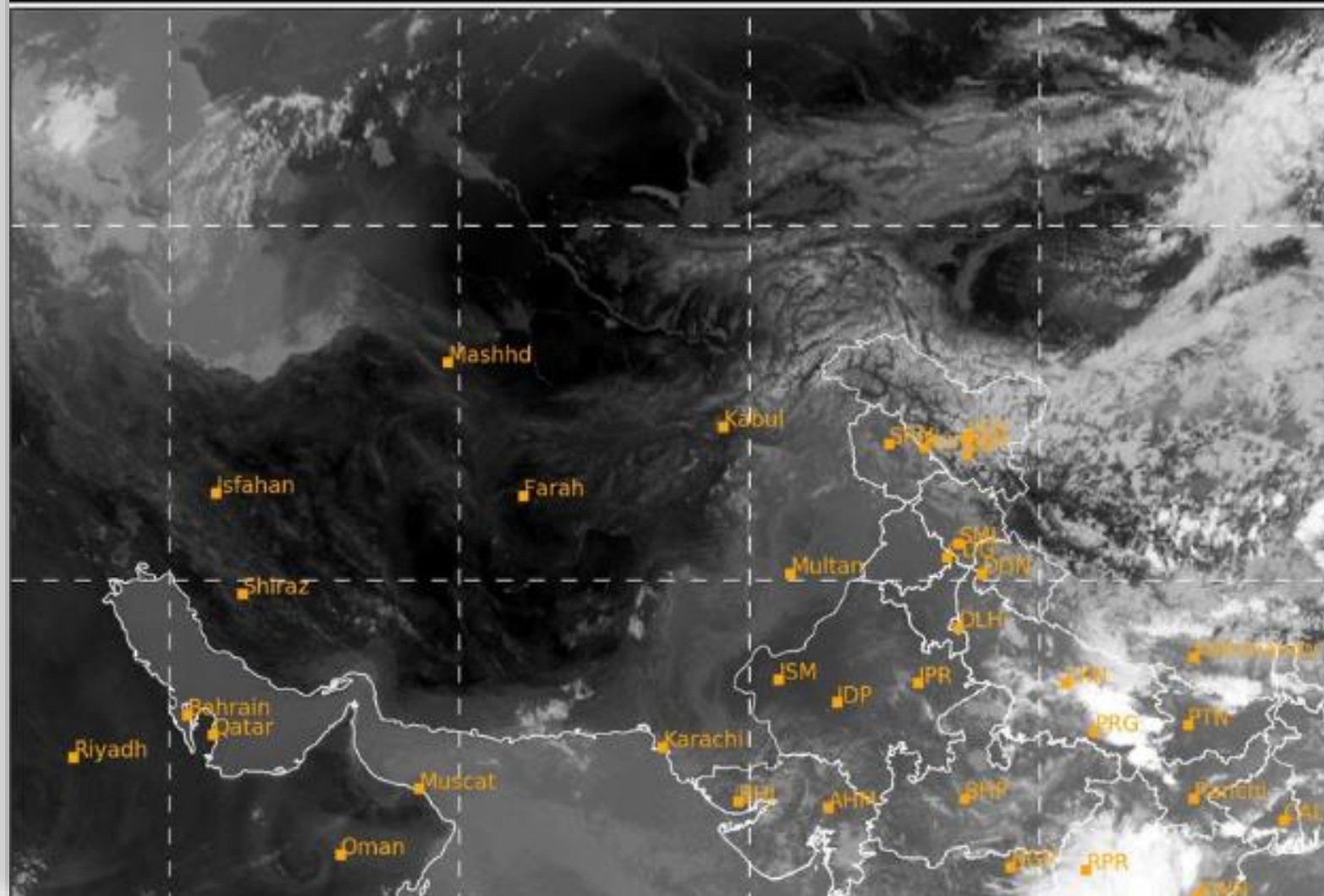
SAT : INSAT-3DR IMG

IMG_TIR1 10.8 um

L1C Mercator

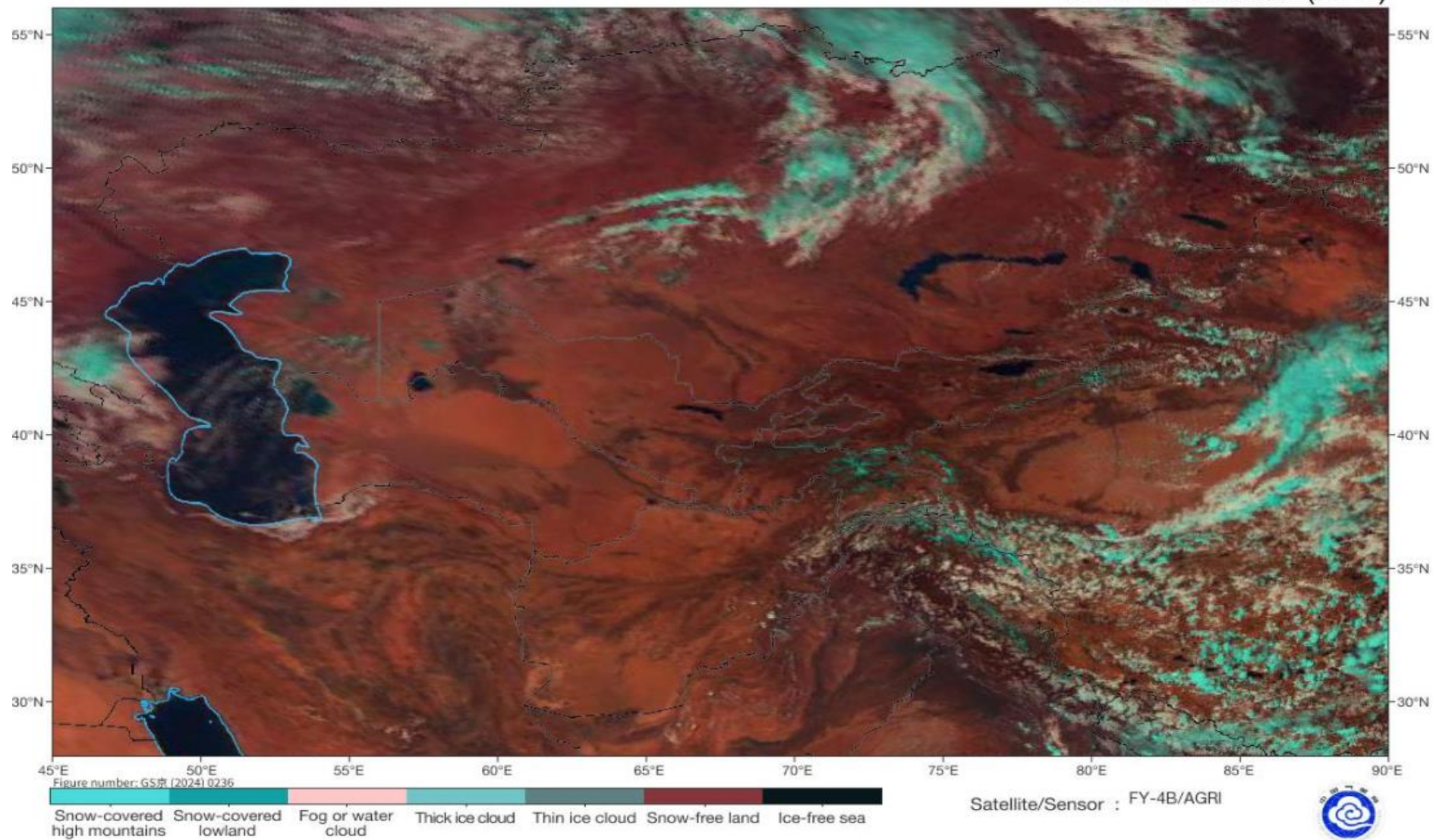
16-07-2026/(0615 to 0642) GMT

16-07-2026/(1145 to 1212) IST



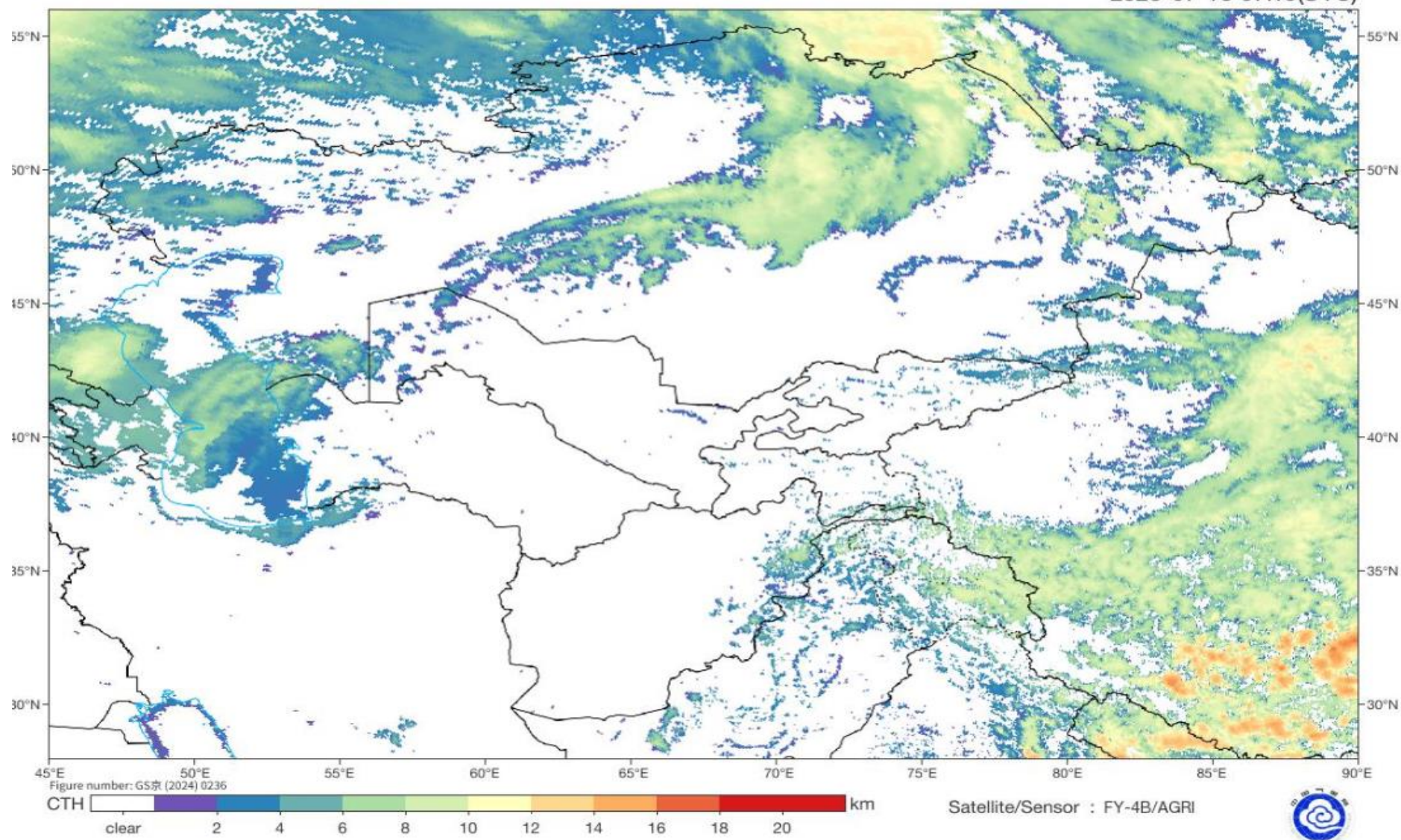
Fog Identification

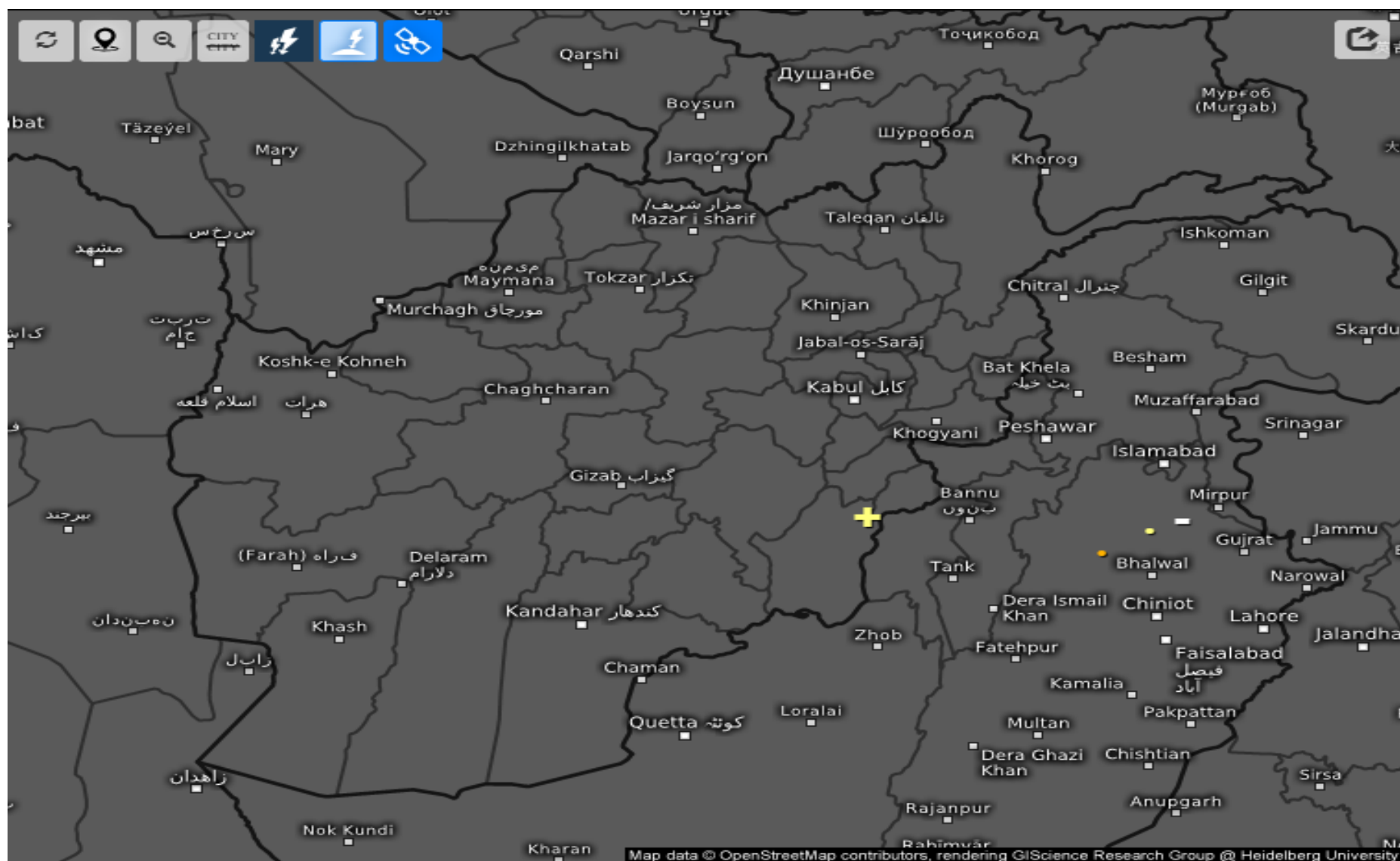
2026-07-16 07:15(UTC)



Cloud Top Height

2026-07-16 07:15(UTC)





Age of lightning (minutes) 

Thu 07/16/2026, 12:05pm GMT+0430

