



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



Daily reports of Satellite imagery analysis. Date & Time: 19-07-2026, 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	✓ dry	X	✓	
2	South	✓	X	X	X	X	✓ Weak	X	X	
3	West	✓	light	X	X	X	✓ dry	X	X	
4	East	✓	X	✓	✓	X	✓ Weak	X	X	lightning
5	central	✓	X	X	X	X	✓ Weak	X	X	
6	Northeast	✓	X	X	✓	X	✓ Weak	X	X	
7	Southeast	✓	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 southern, southeastern regions have cold air mass. The western, northwestern and southwestern regions have dust. The eastern regions have lightning. The eastern, northeastern and southeastern regions have cloudy skies. The northern, western, northwestern, southwestern regions have dry/warm water vapor and the southern, eastern, central, northeastern, southeastern regions have weak water vapor. The northern, northwestern and southwestern regions have Jetstream.

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

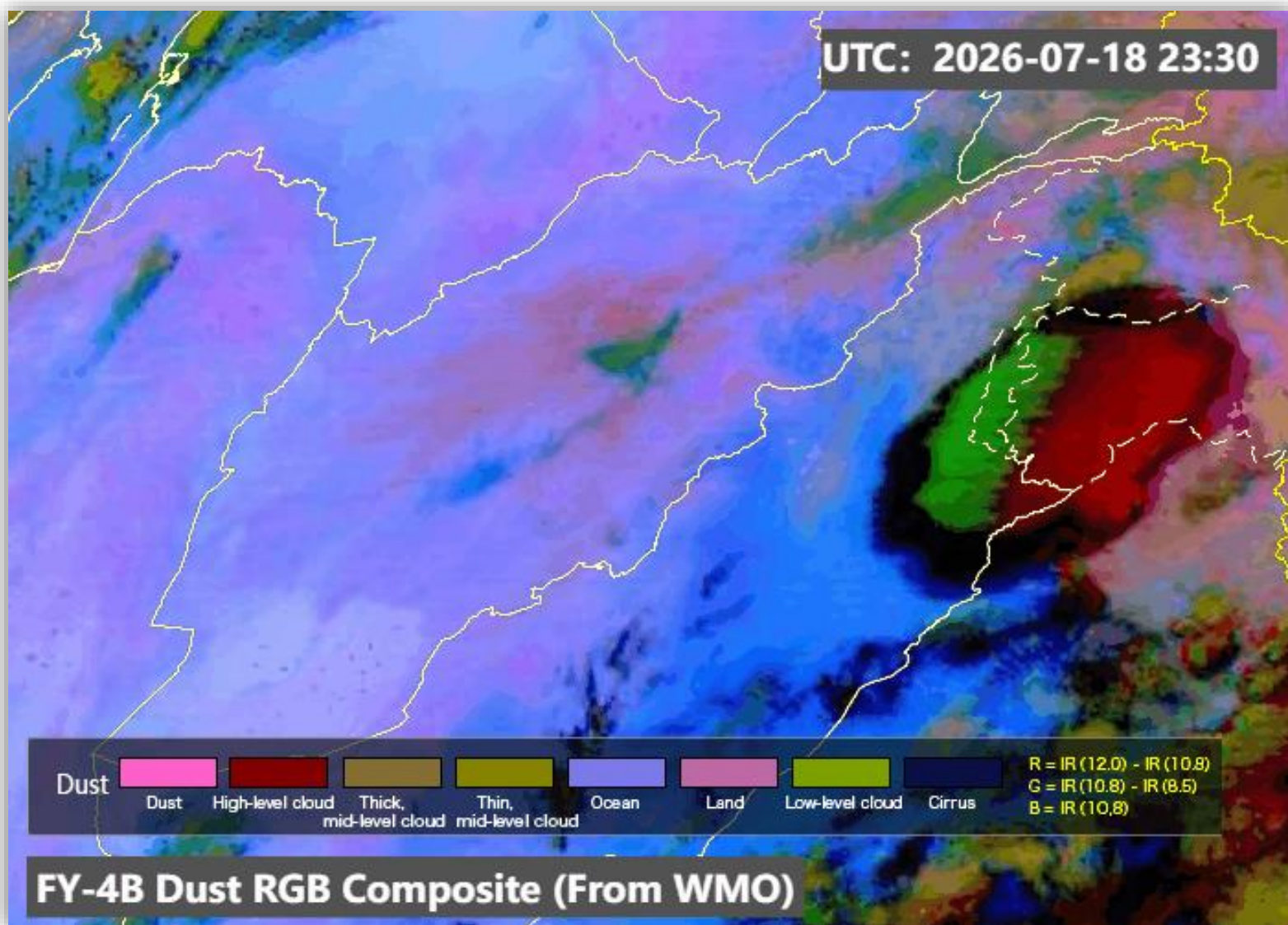
Reported by: Esmatullah Mohammadi

UTC: 2026-07-18 23:30

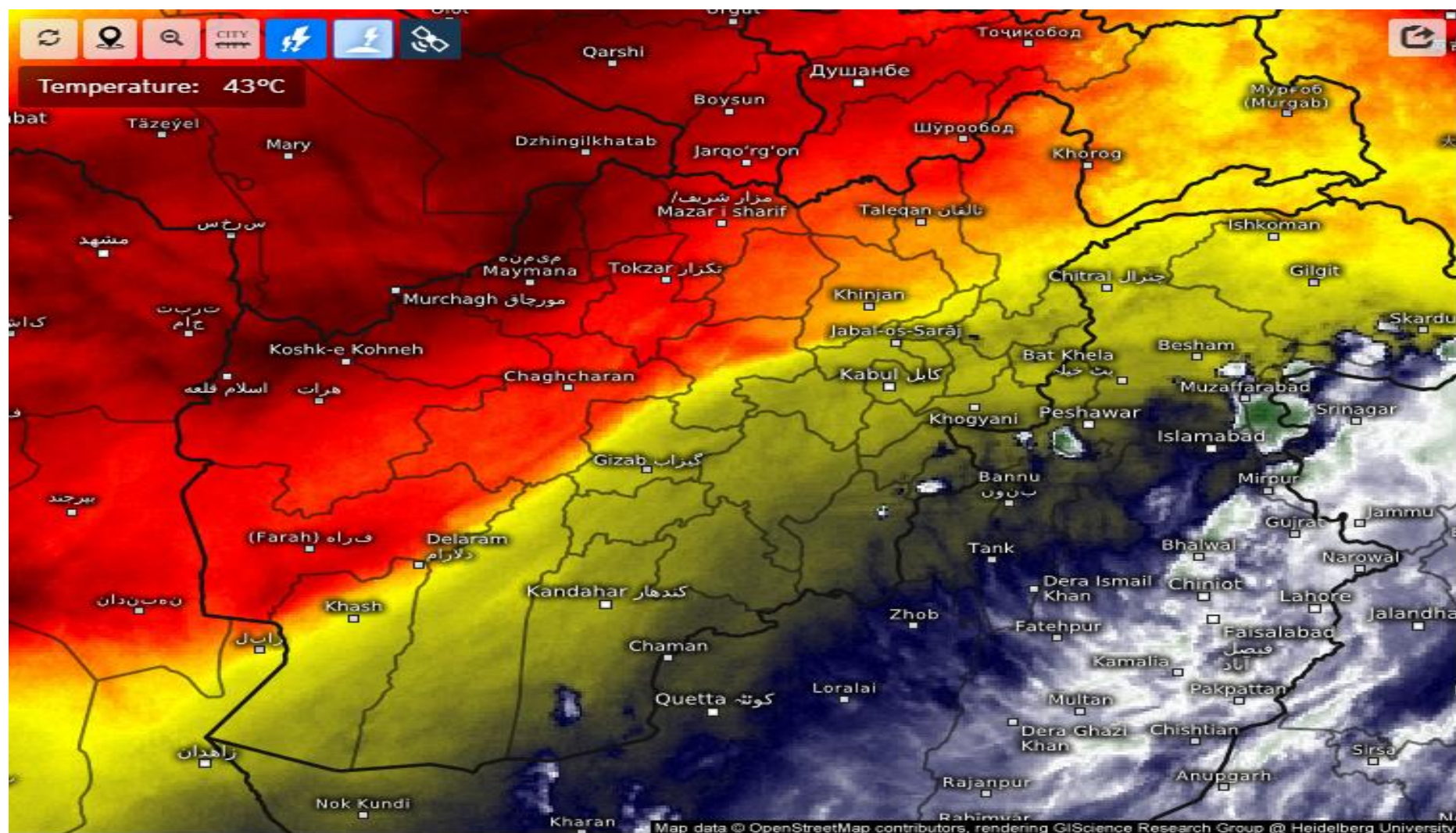


FY-4B AirMass RGB Composite (From WMO)

UTC: 2026-07-18 23:30



FY-4B Dust RGB Composite (From WMO)



Satellite Water Vapor

Sun 07/19/2026, 01:00pm GMT+0430

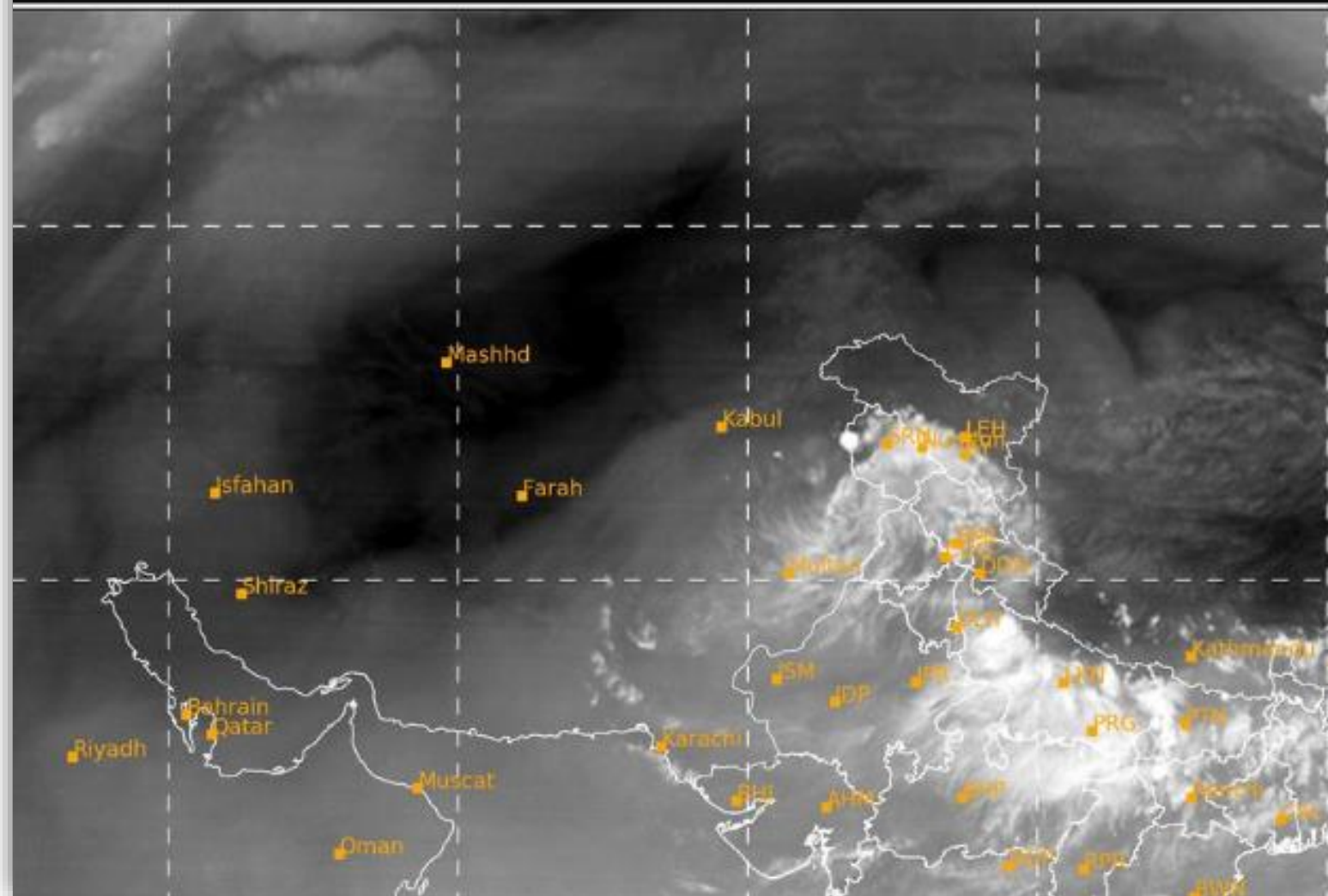


wet/cold

dry/warm

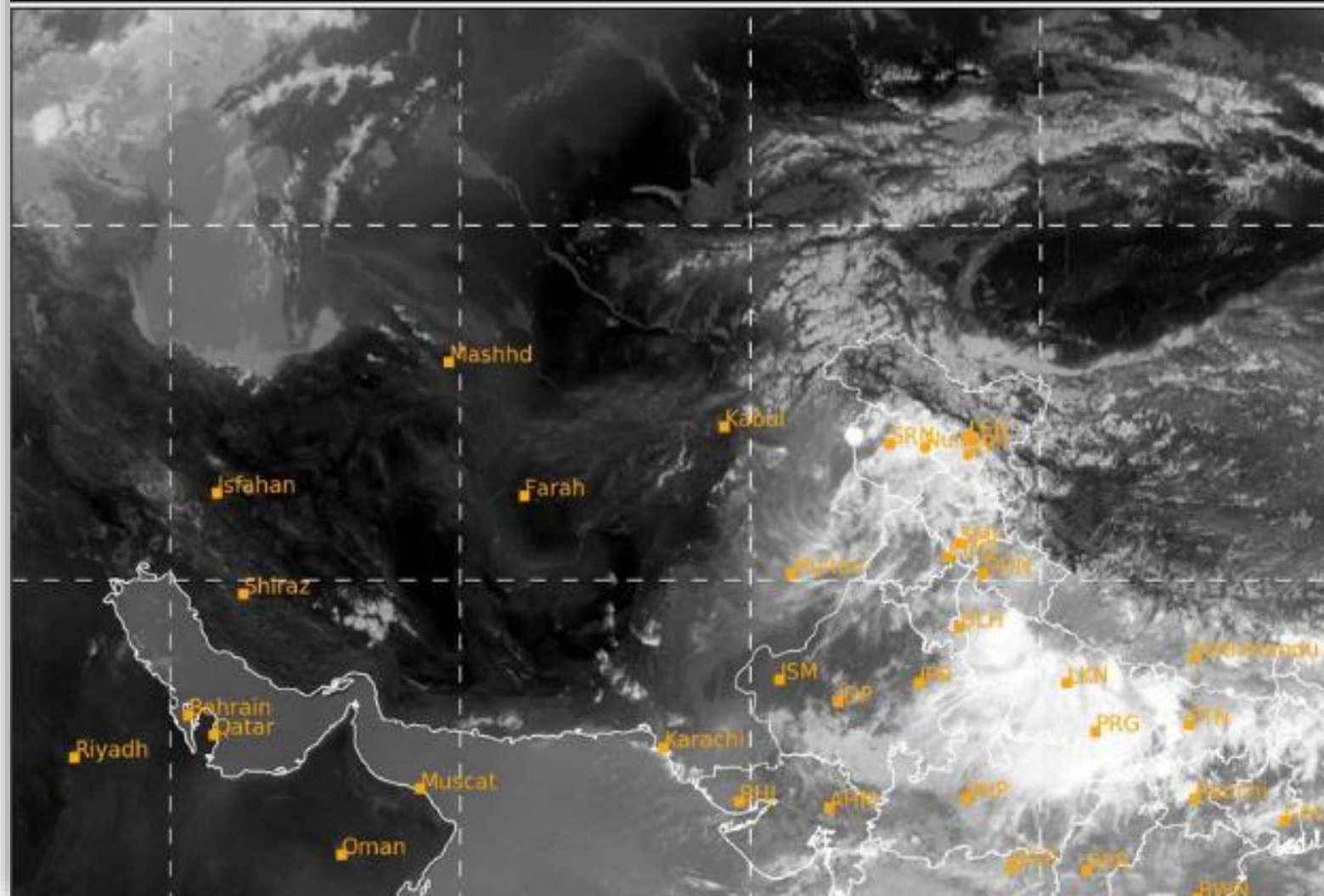
19-07-2026/(0715 to 0742) GMT

19-07-2026/(1245 to 1312) IST



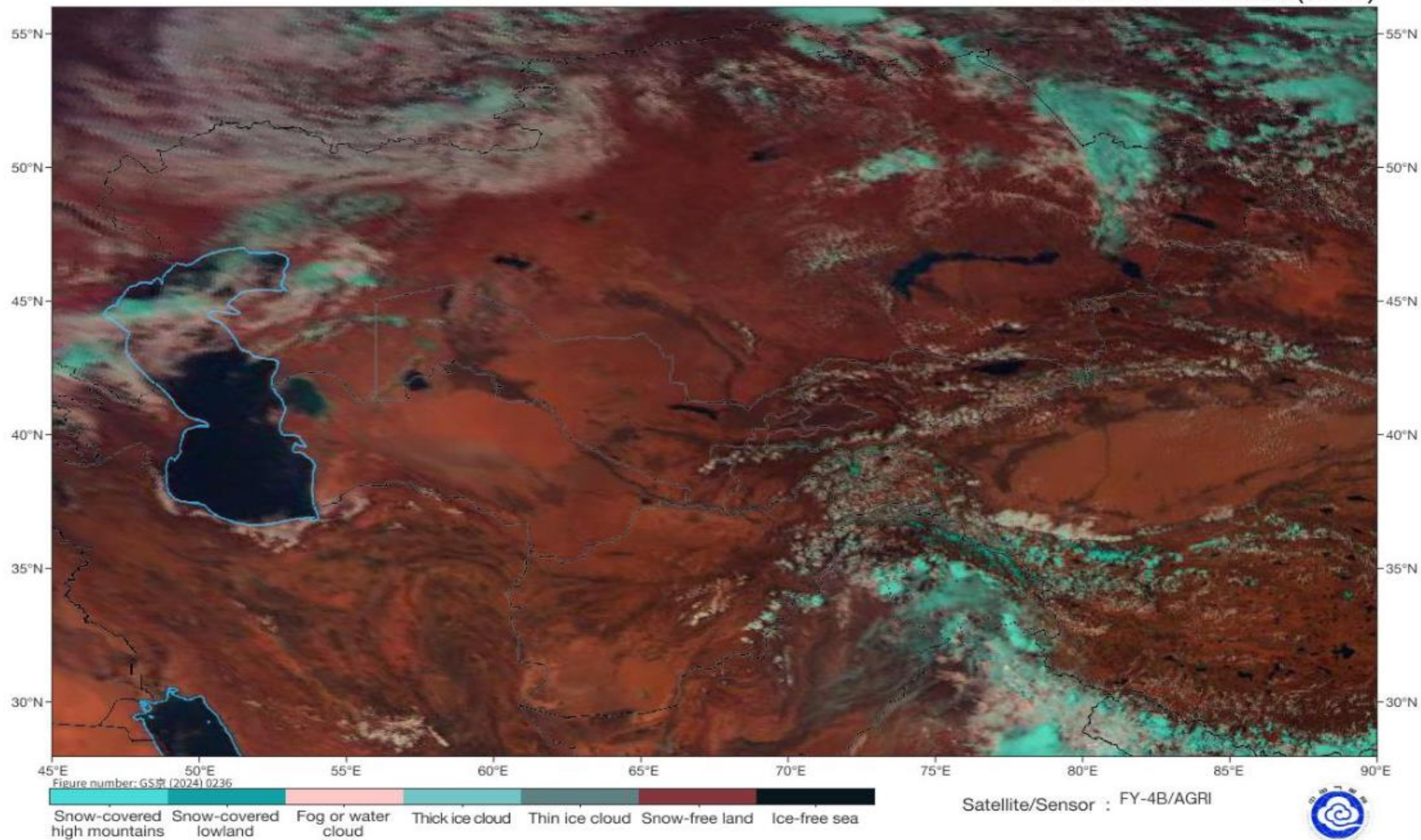
L1C Mercator

19-07-2026/(1245 to 1312) IST



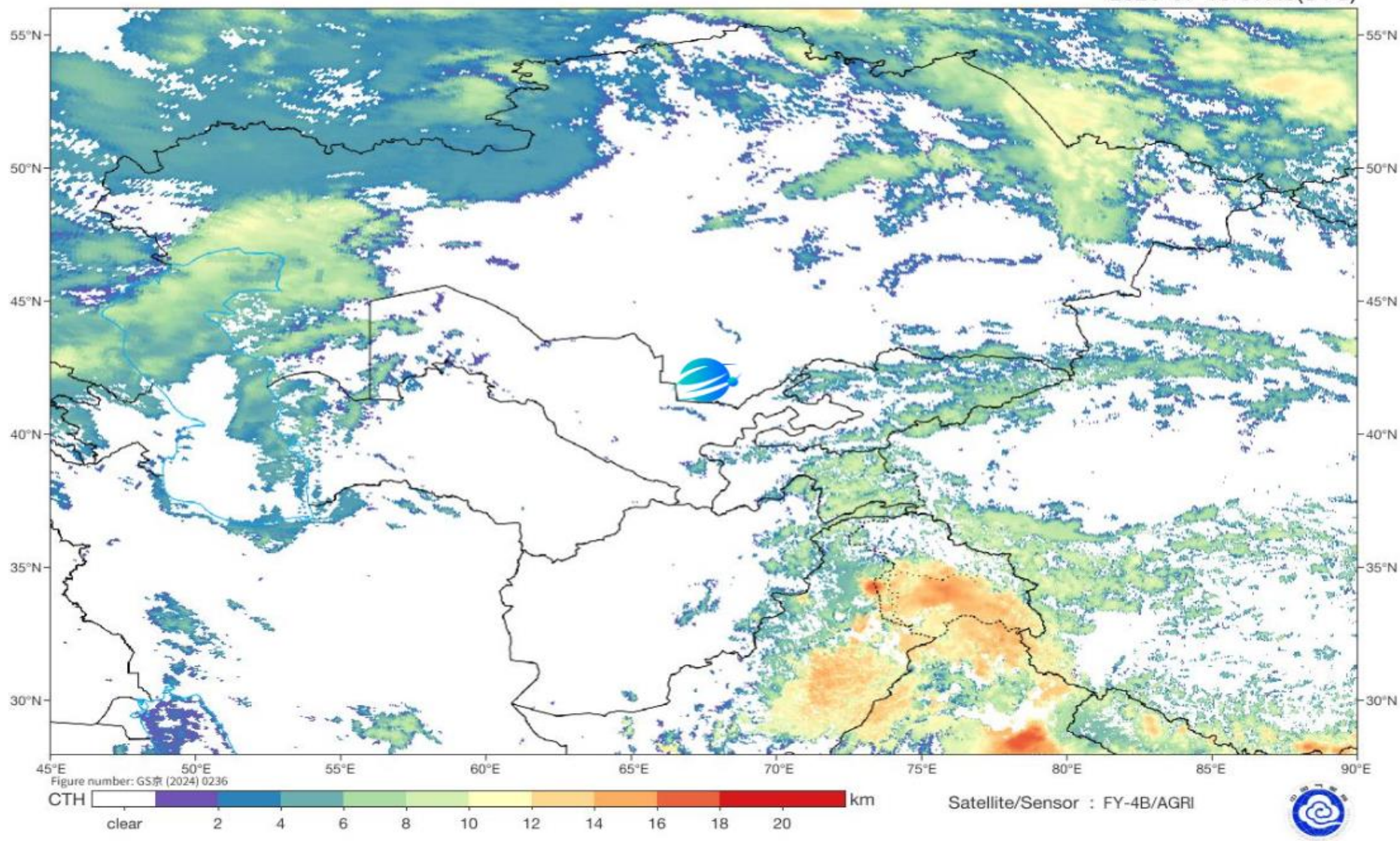
Fog Identification

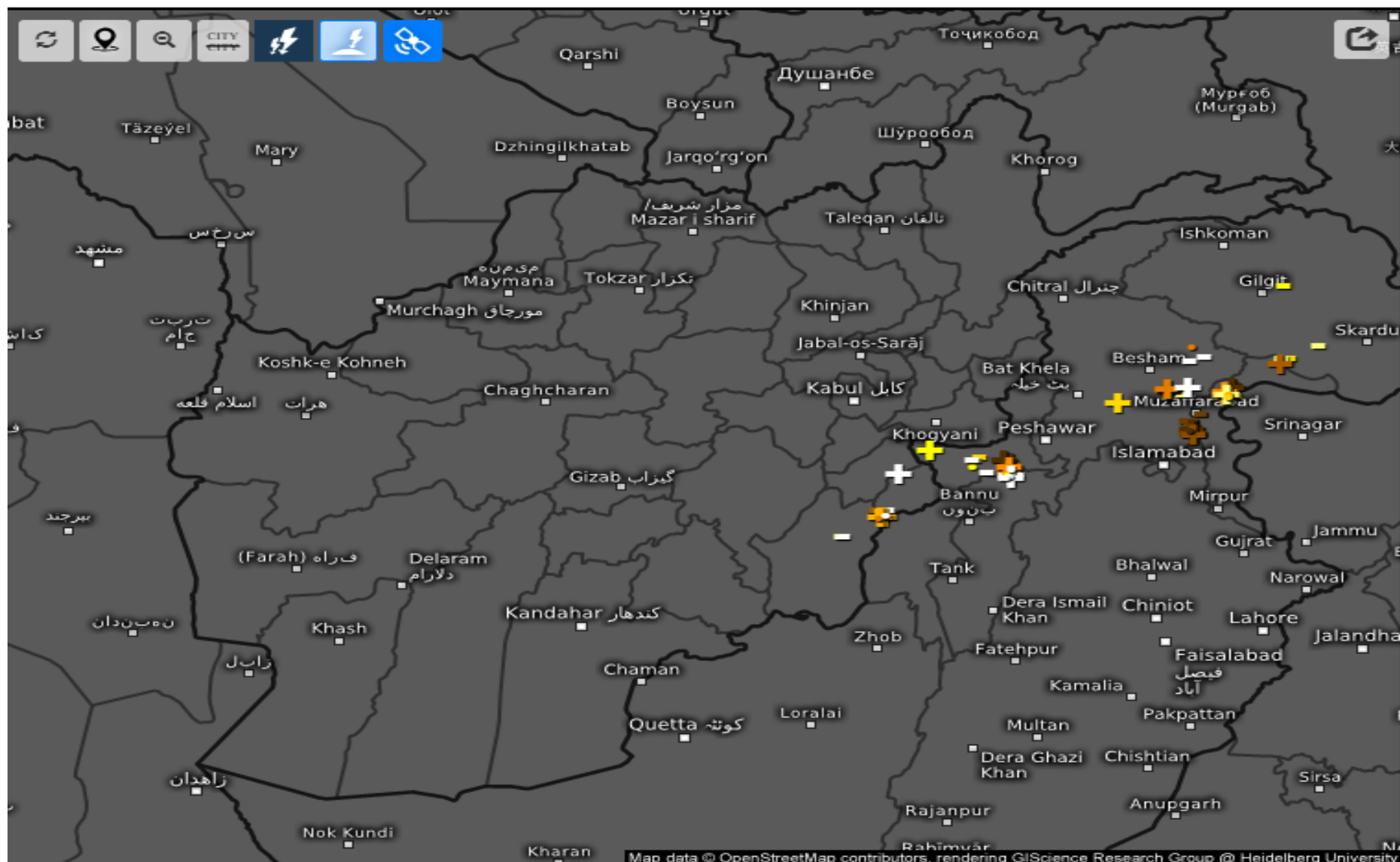
2026-07-19 08:30(UTC)



Cloud Top Height

2026-07-19 07:45(UTC)





Age of lightning (minutes) 

Sun 07/19/2026, 01:15pm GMT+0430

