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

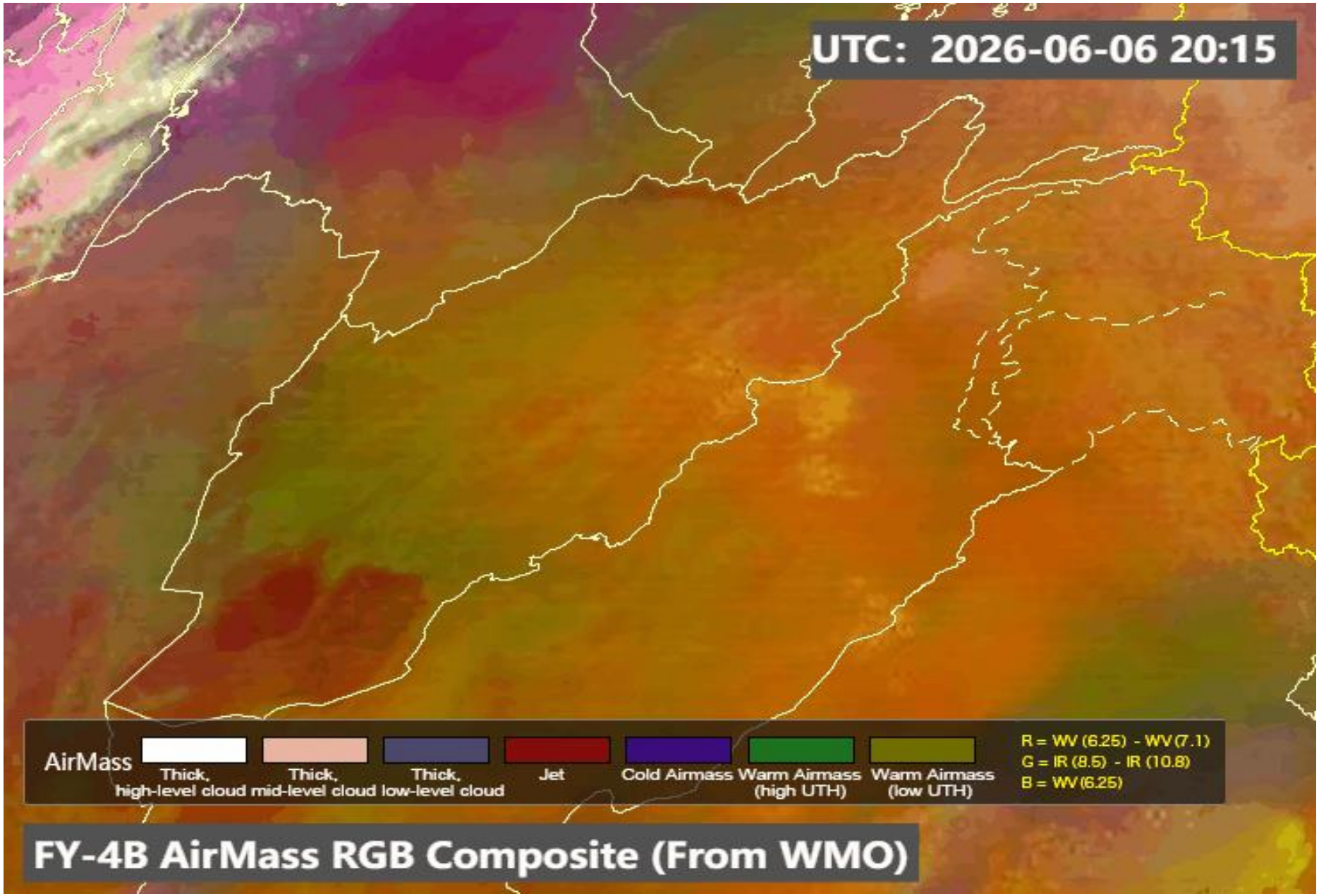
Daily reports of Satellite imagery analysis. Date & Time: 07-06-2026, 06:00 UTC

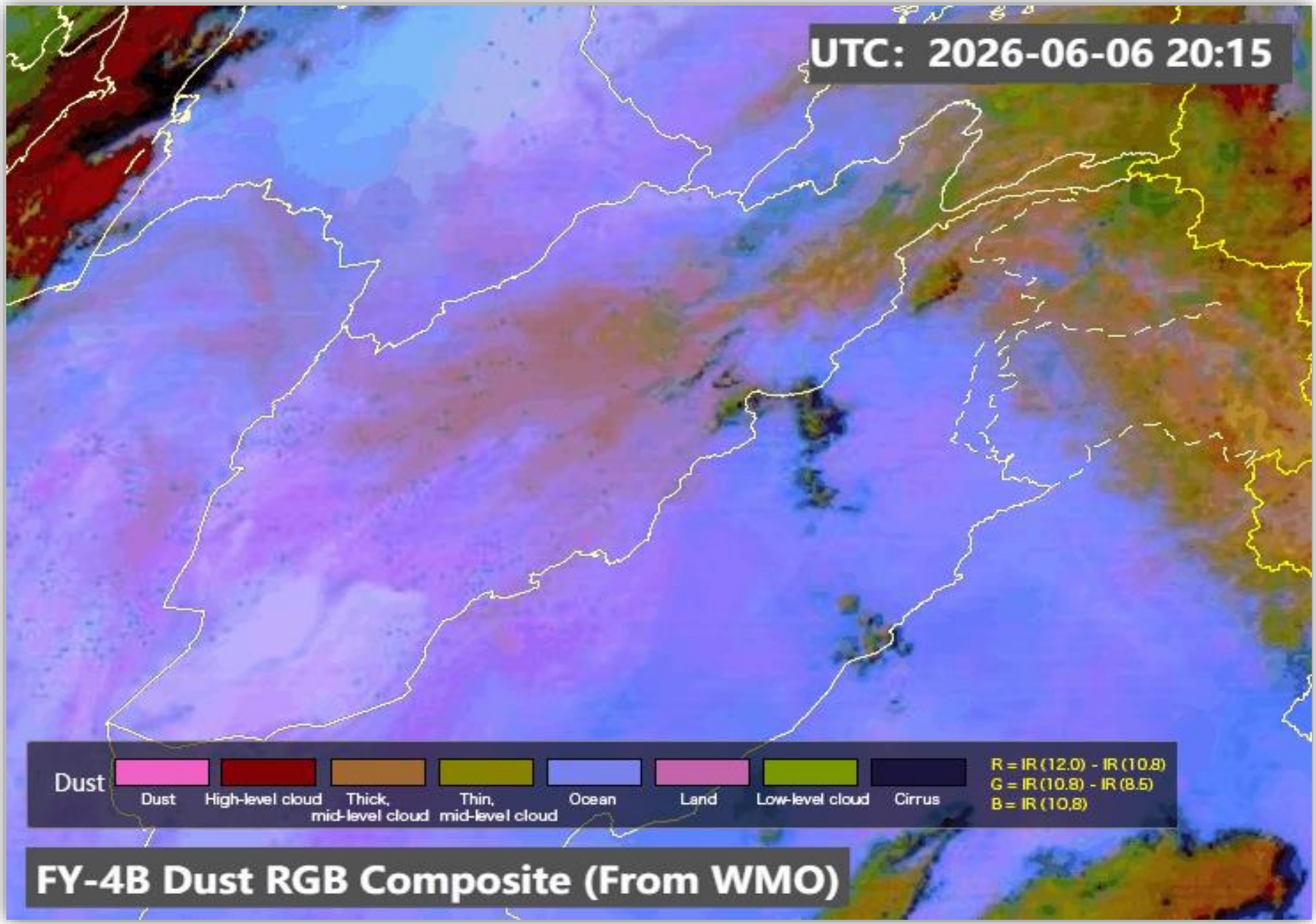
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	✓	X	✓ weak	X	X	
2	South	X	X	X	X	X	✓ weak	X	X	
3	West	✓	moderate	X	X	X	✓ weak	X	X	
4	East	✓	light	X	✓	X	✓ weak	X	X	
5	central	✓	light	X	✓	X	✓ weak	X	X	
6	Northeast	✓	X	X	✓	X	✓ weak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

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

Not: X (Not existing phenomena) √ (existing phenomena)

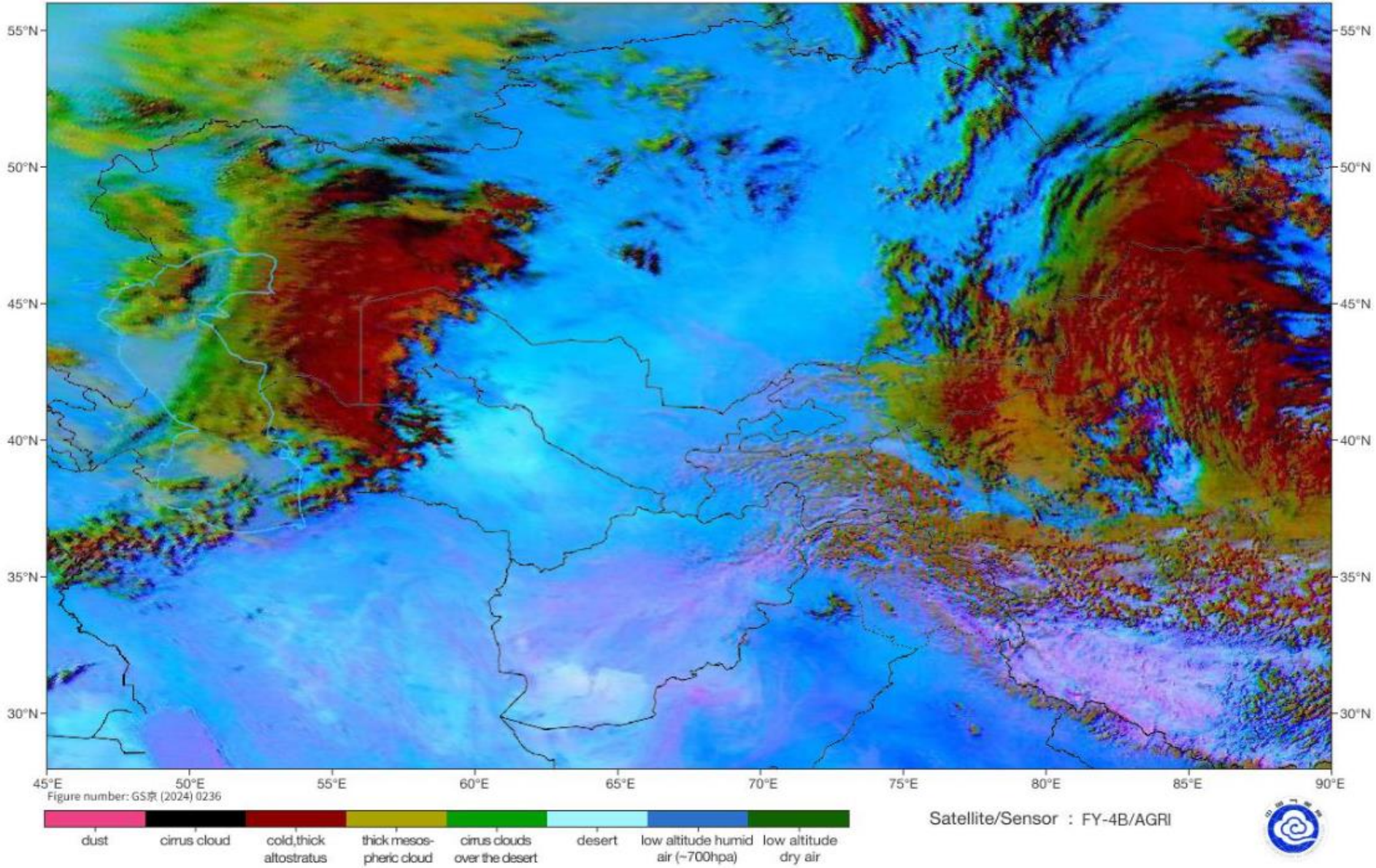
Reported by: Esmatullah Mohammadi


UTC: 2026-06-06 20:15
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 (8.5) - IR (10.8)
B = WV (6.25)
FY-4B AirMass RGB Composite (From WMO)


UTC: 2026-06-06 20:15
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)

Sand And Dust Identification

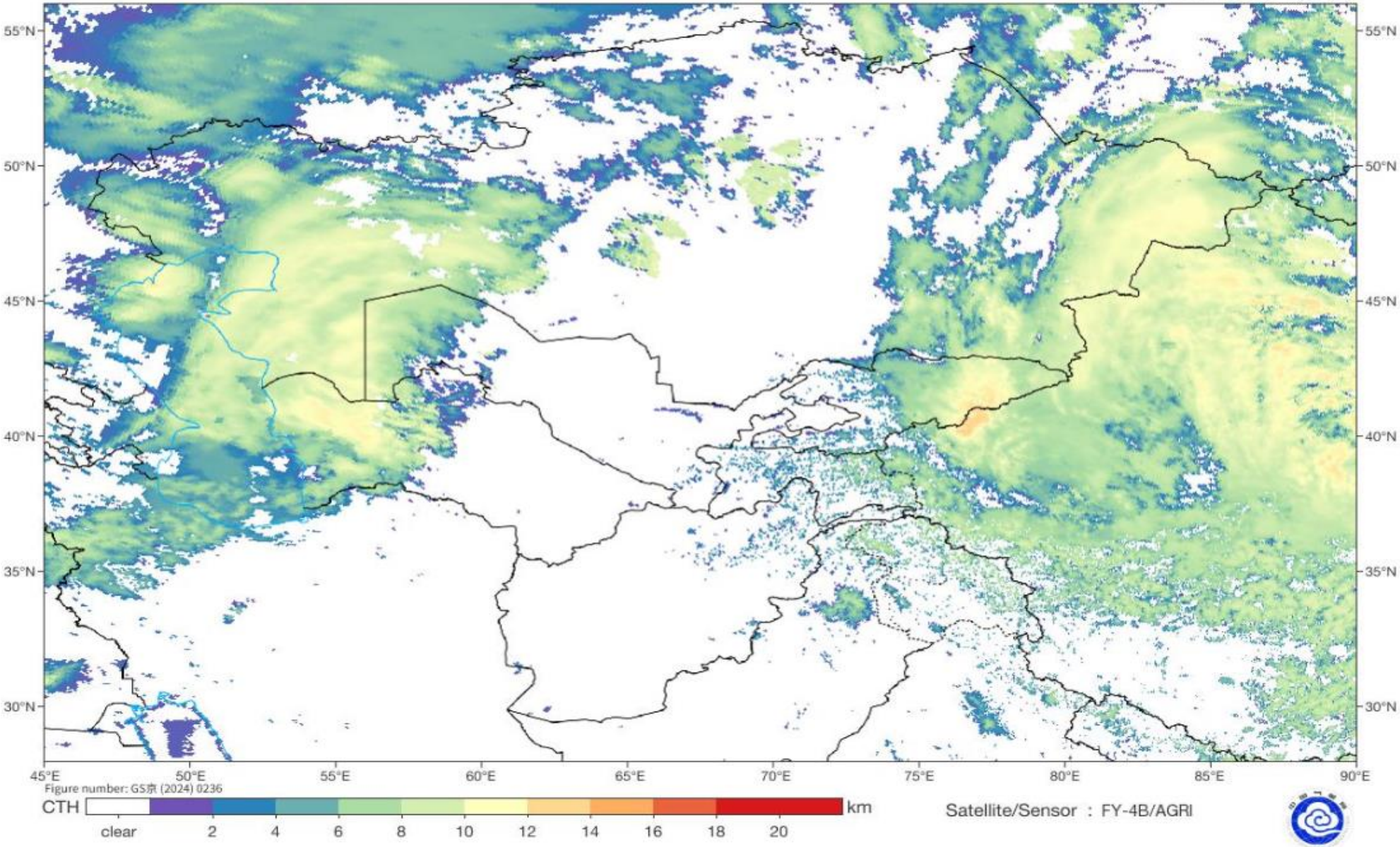
2026-06-07 05:30(UTC)

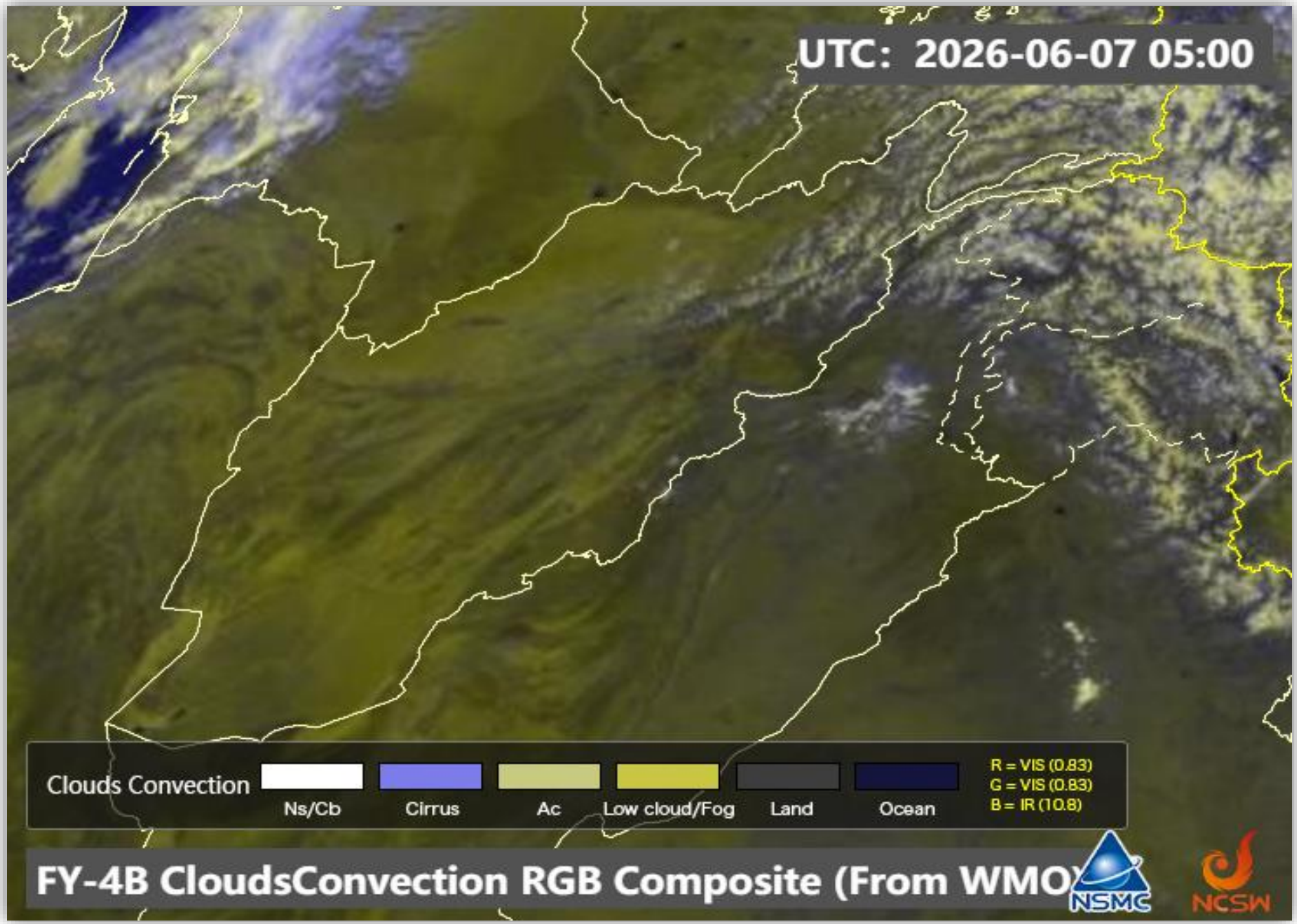


Satellite/Sensor : FY-4B/AGRI

Cloud Top Height

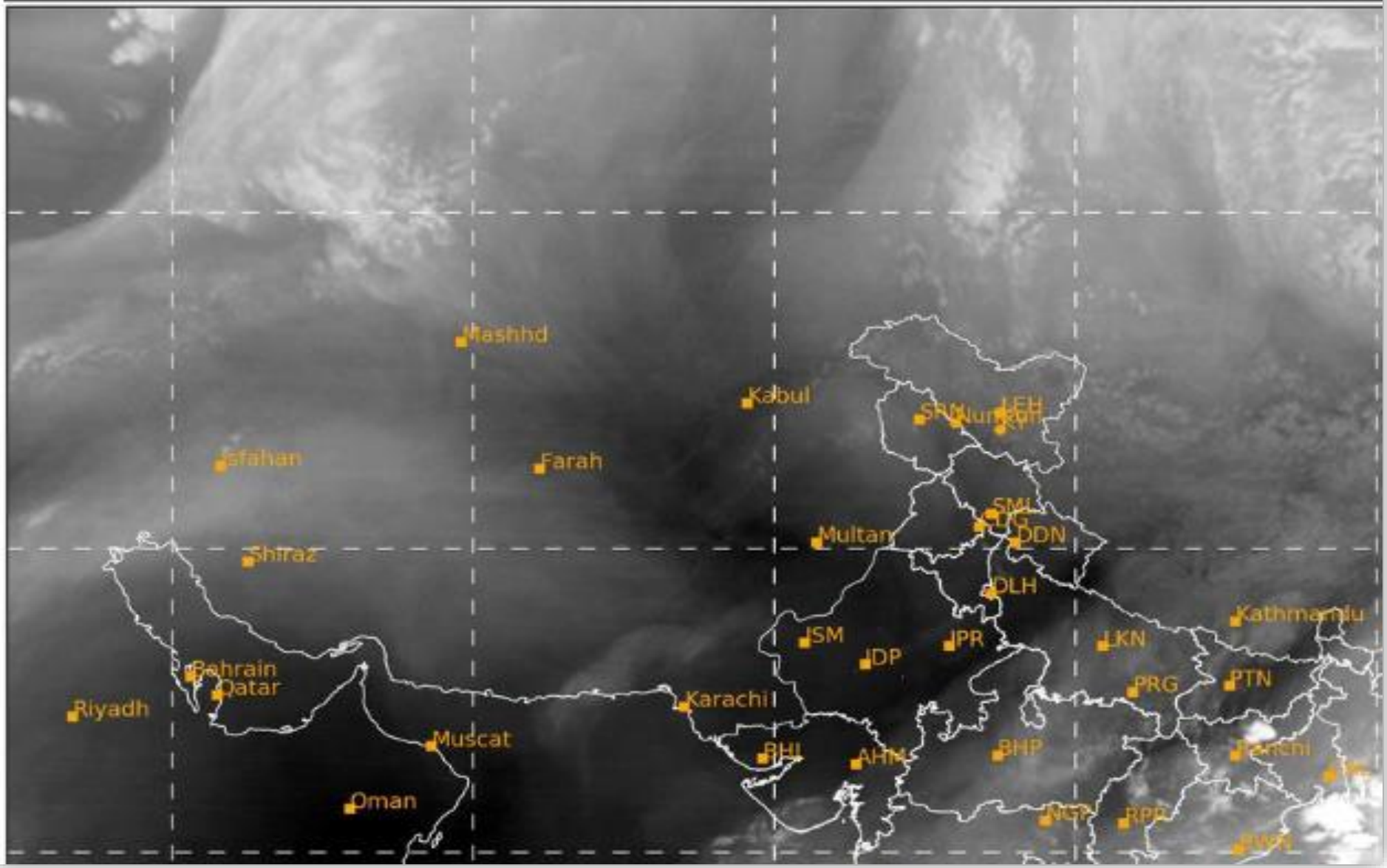
2026-06-07 05:00(UTC)

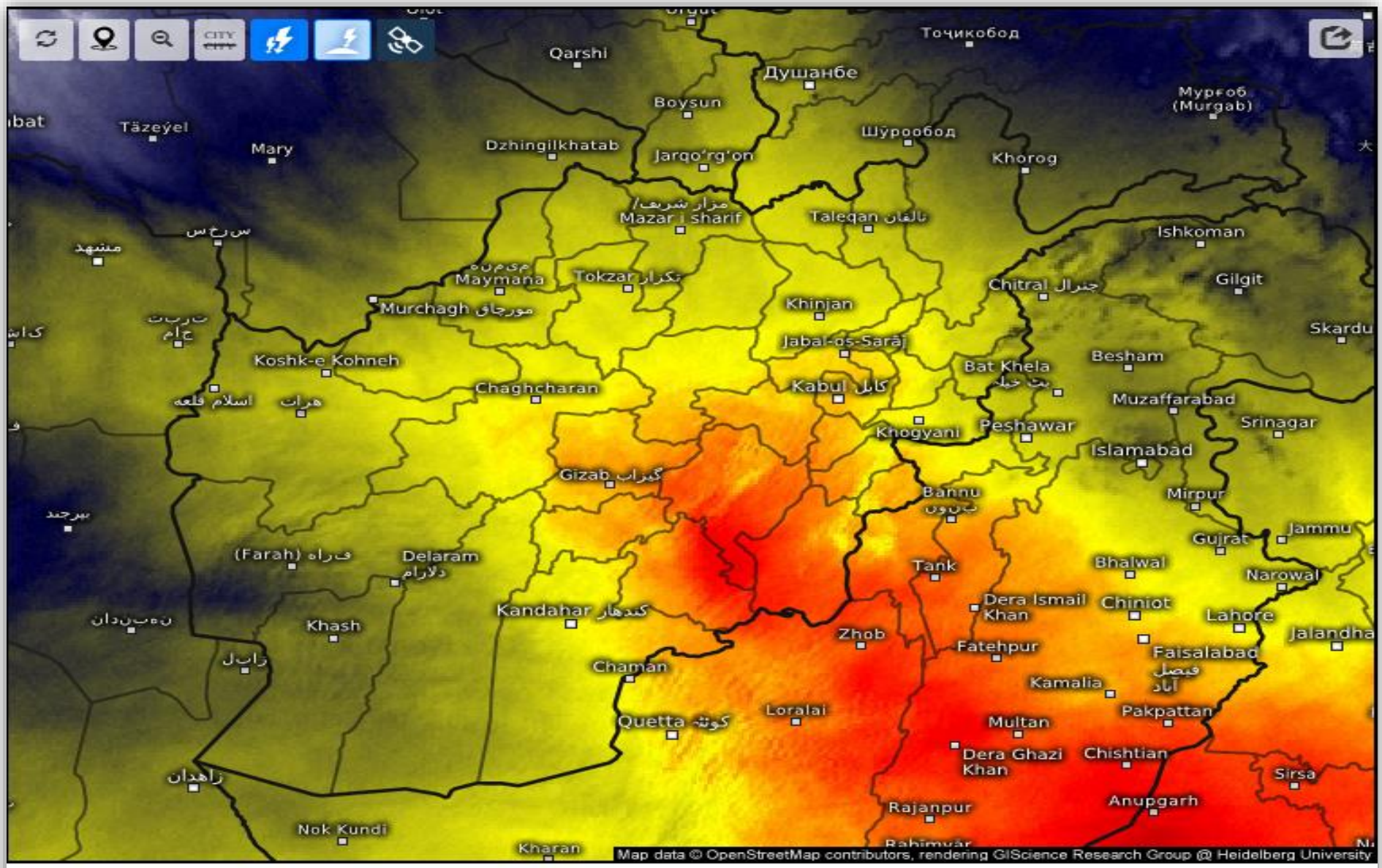



UTC: 2026-06-07 05:00
Clouds Convection
Ns/Cb
Cirrus
Ac
Low cloud/Fog
Land
Ocean
R = VIS (0.83)
G = VIS (0.83)
B = IR (10.8)
FY-4B CloudsConvection RGB Composite (From WMO)
NSMC
NCSW

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

07-06-2026/(0445 to 0512) GMT
07-06-2026/(1015 to 1042) IST





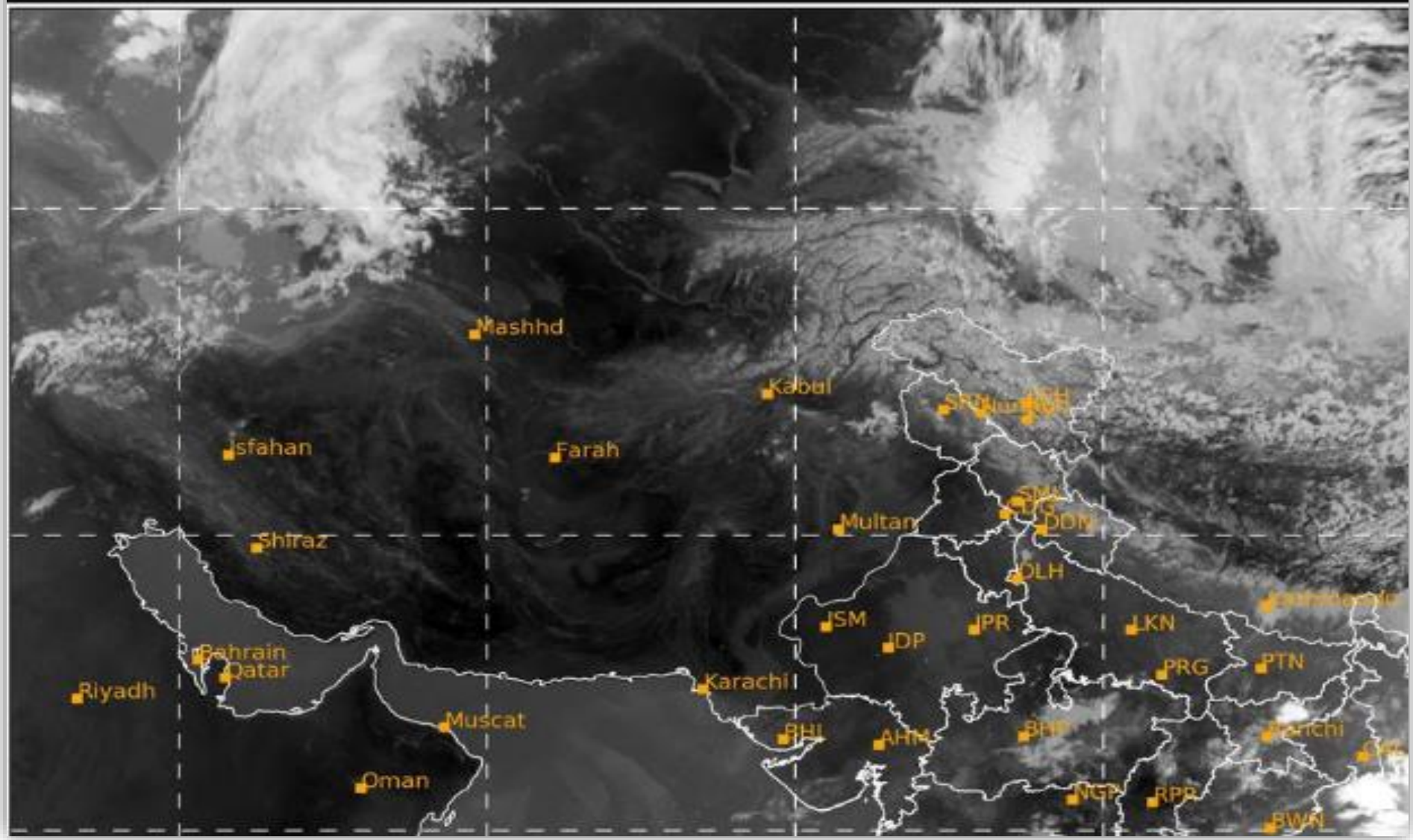
Satellite Water Vapor

Sun 06/07/2026, 10:00am GMT+0430

wet/cold — dry/warm

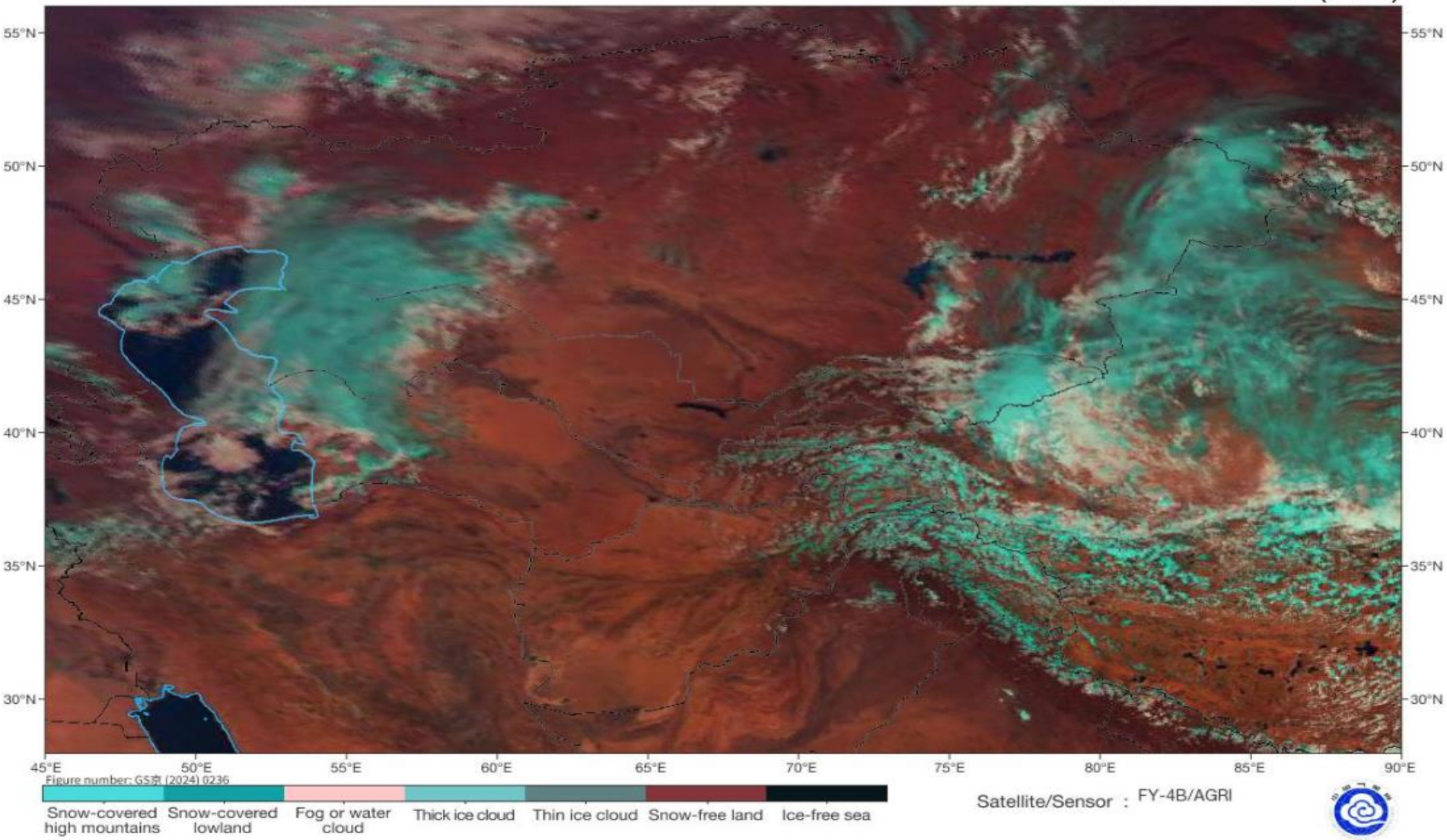
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

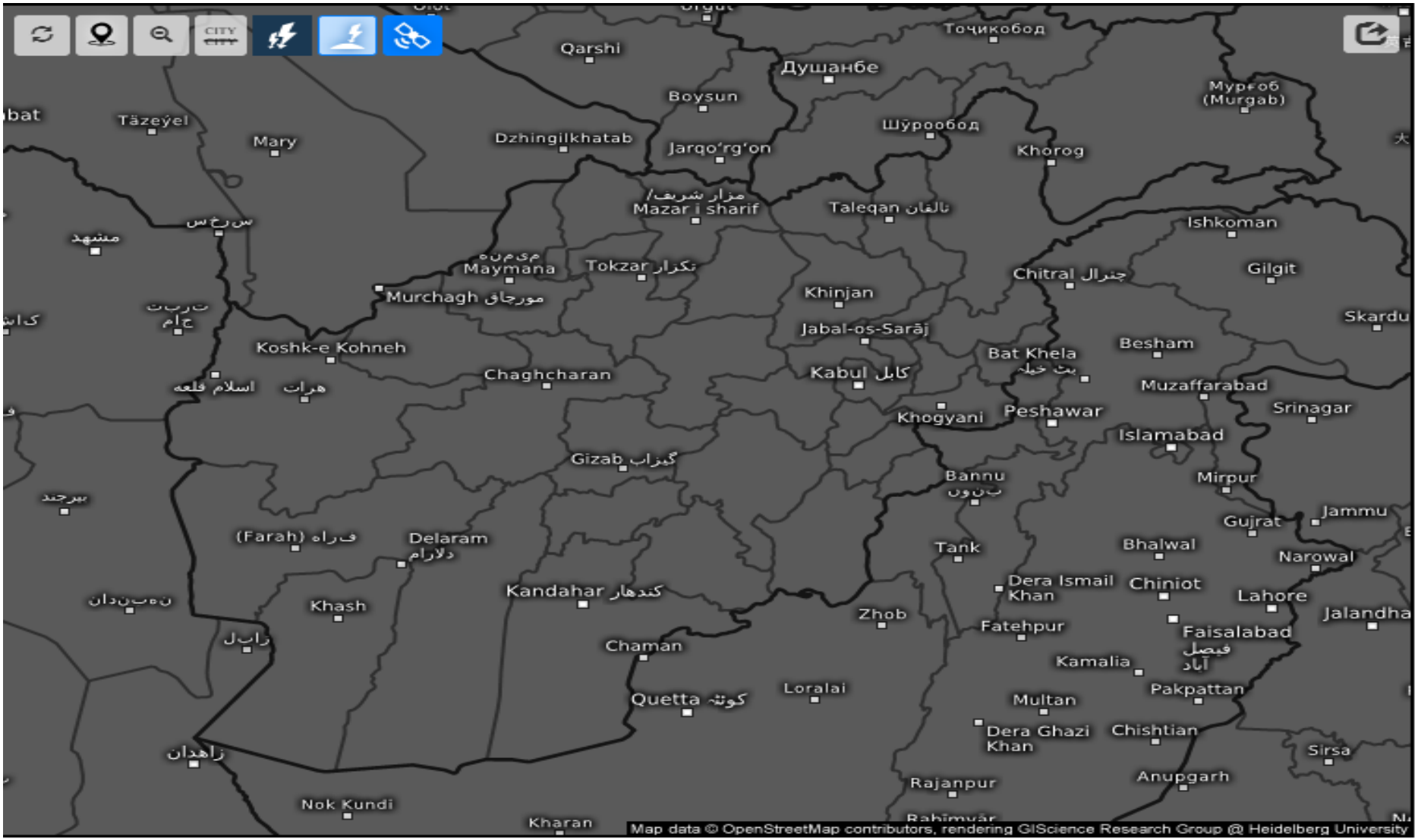
07-06-2026/(0445 to 0512) GMT
07-06-2026/(1015 to 1042) IST



Fog Identification

2026-06-07 05:30(UTC)





Age of lightning (minutes)

Sun 06/07/2026, 10:05am GMT+0430

0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60