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

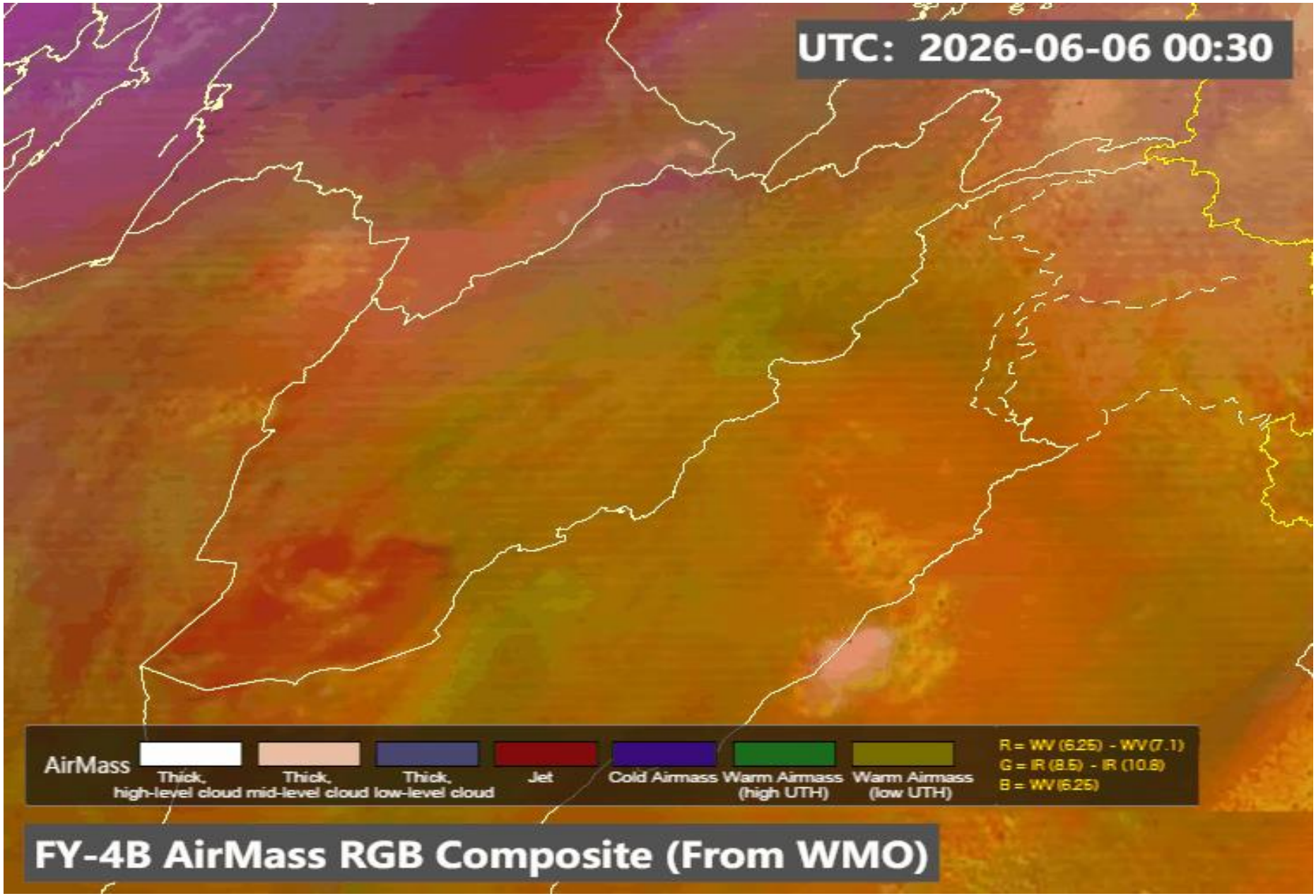
Daily reports of Satellite imagery analysis. Date & Time: 06-06-2026, 09:00 UTC

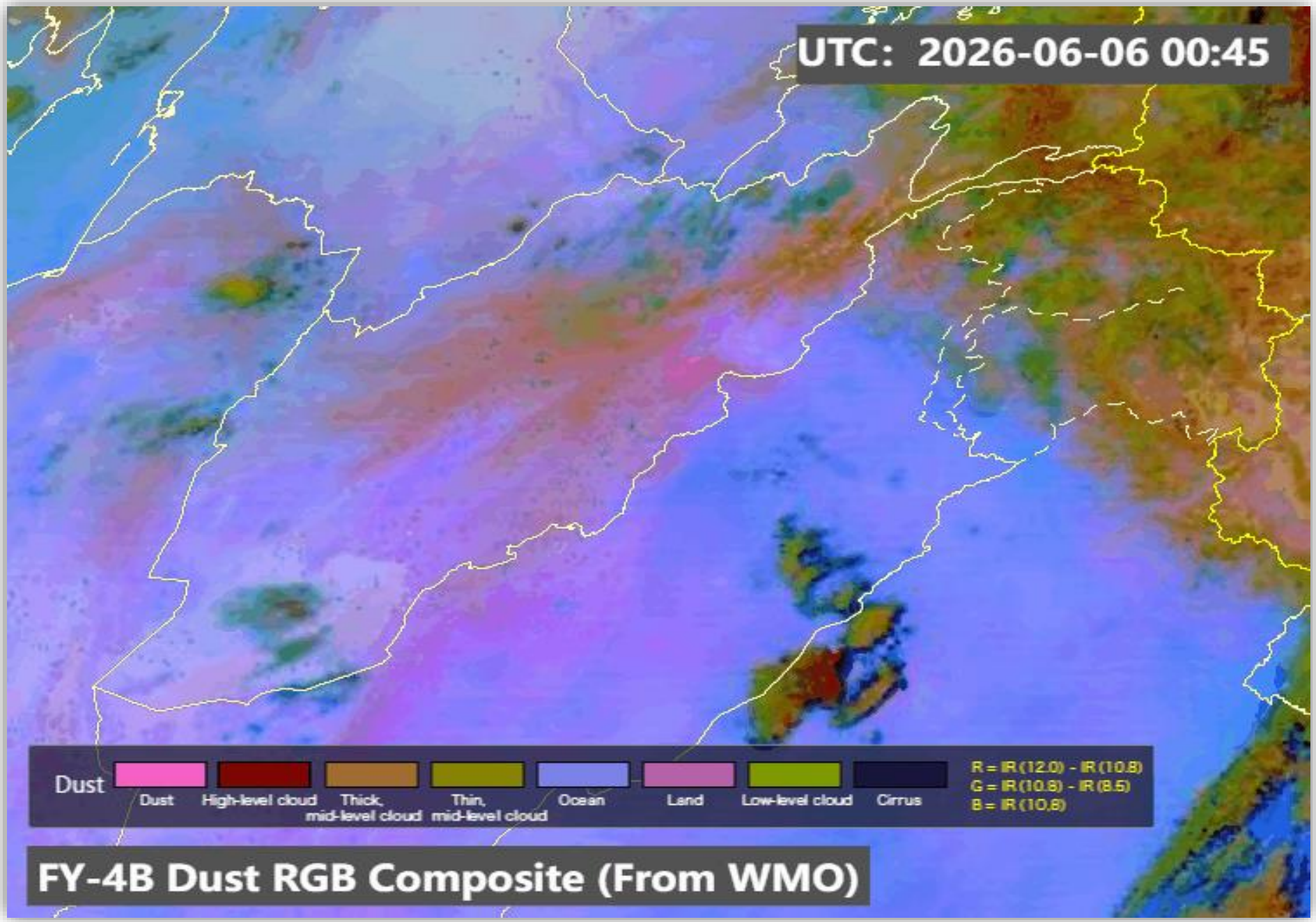
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	✓	X	✓ moderate	X	✓	
2	South	✓	X	X	X	X	✓ weak	X	✓	
3	West	✓	X	X	X	X	✓ weak	X	X	
4	East	✓	light	X	✓	X	✓ weak	X	X	
5	central	✓	light	X	✓	X	✓ weak	X	X	
6	Northeast	✓	X	X	✓	X	✓ moderate	X	X	
7	Southeast	✓	light	✓	✓	X	✓ weak	X	X	
8	Northwest	✓	light	X	X	X	✓ weak	X	X	
9	Southwest	✓	moderate	X	X	X	✓ weak	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 eastern, central, southeastern, northwestern and southwestern regions have dust. The southeastern regions have thunder storm. The northern, eastern, central, northeastern and southeastern regions have cloudy skies. The southern, western, eastern, central, southeastern, northwestern and southwestern regions have weak water vapor, and the northern, northeastern regions have moderate water vapor. The northern, southern and southwestern regions have Jetstream.**

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

Reported by: Esmatullah Mohammadi


UTC: 2026-06-06 00:30
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 00:45
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

2026-06-06 09:00(UTC)

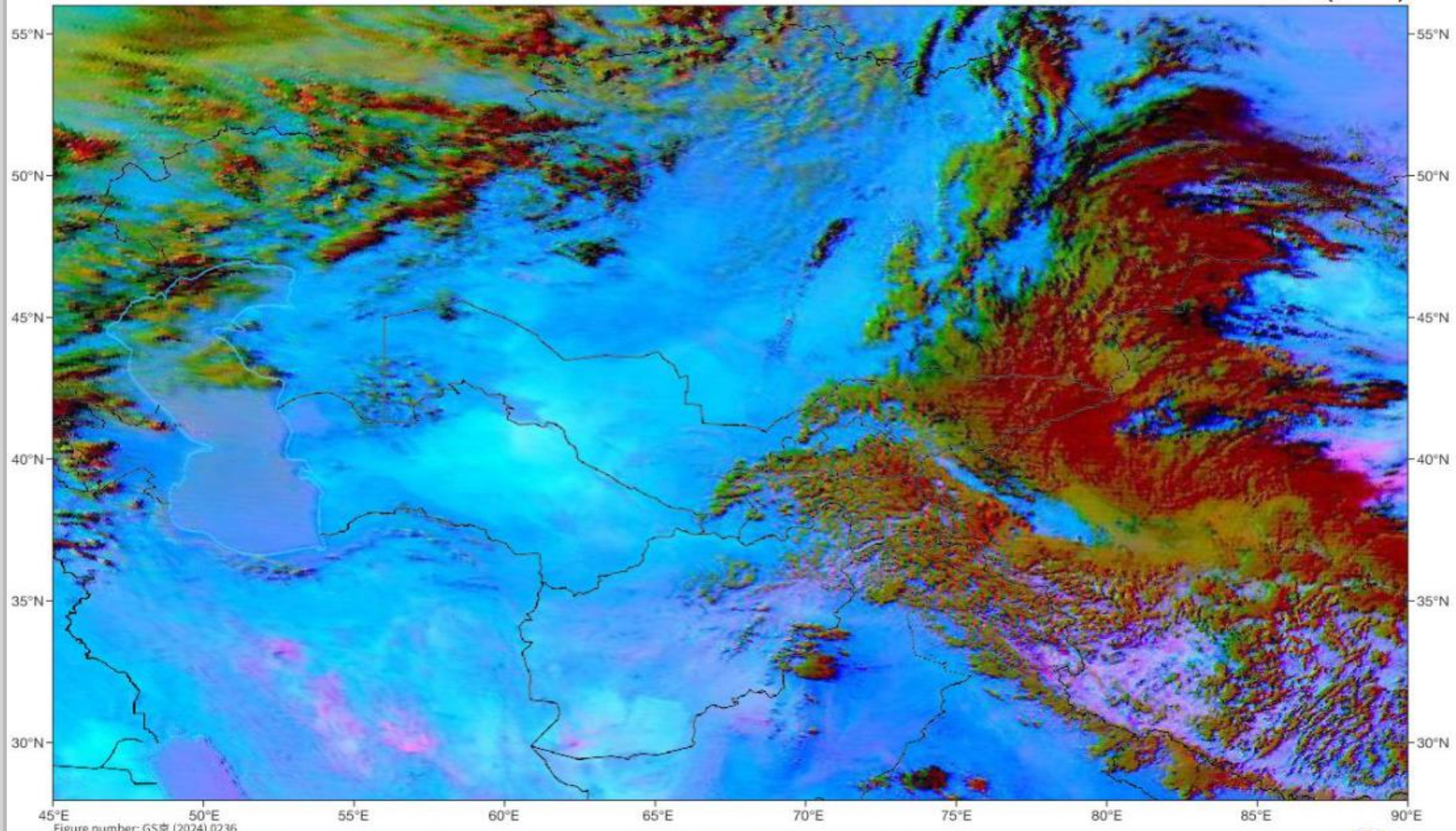
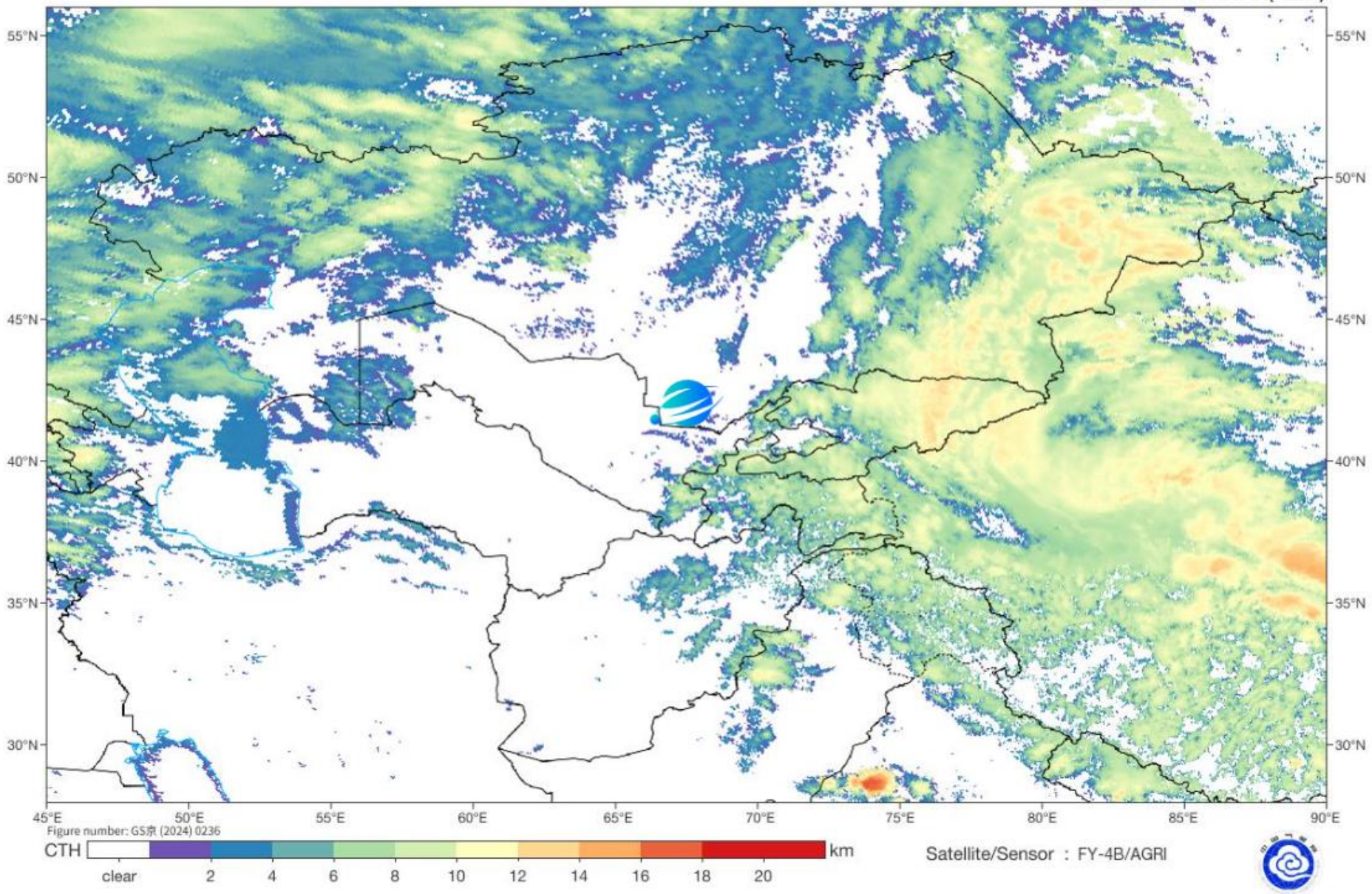


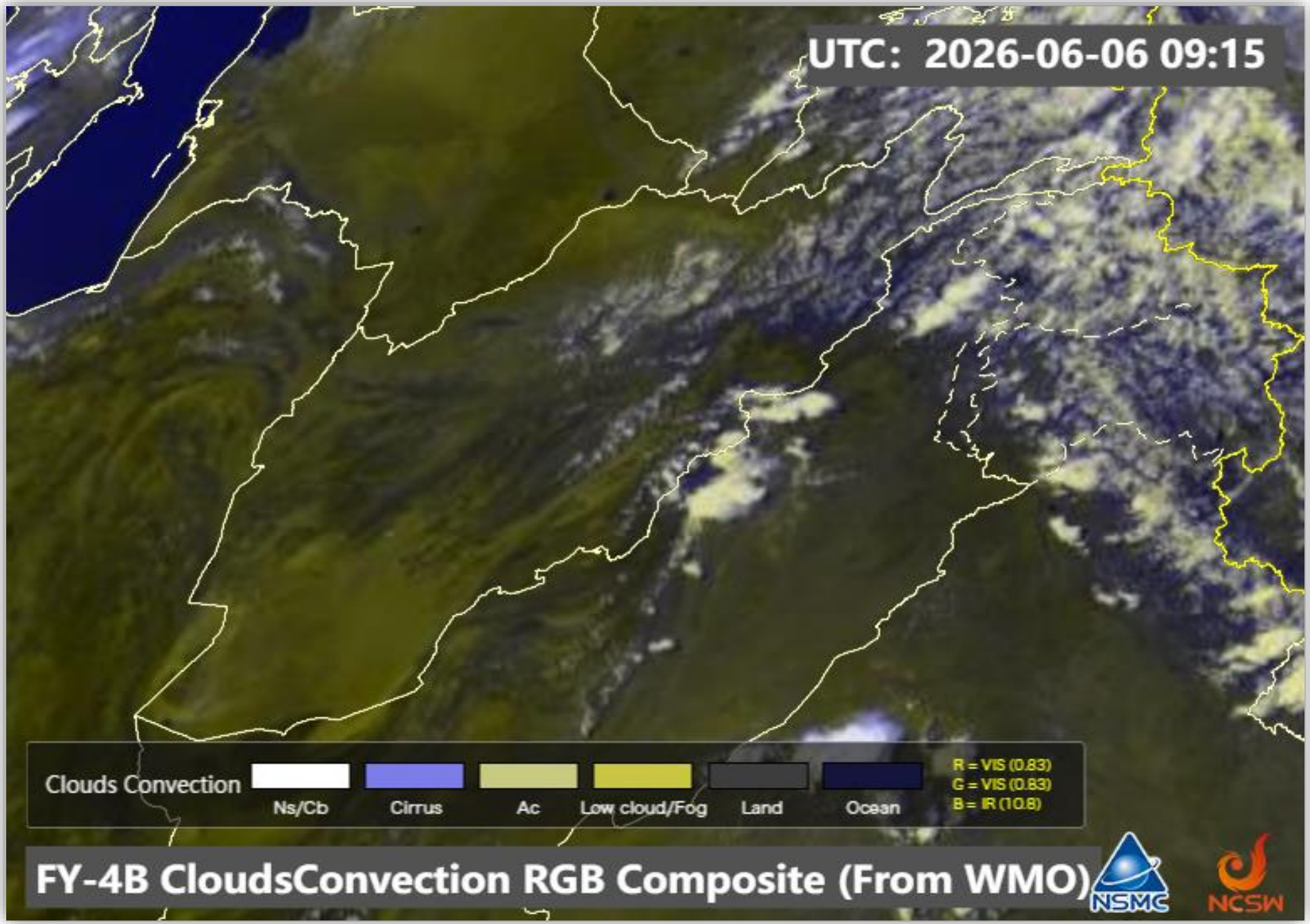
Figure number: GS京 (2024) 0236

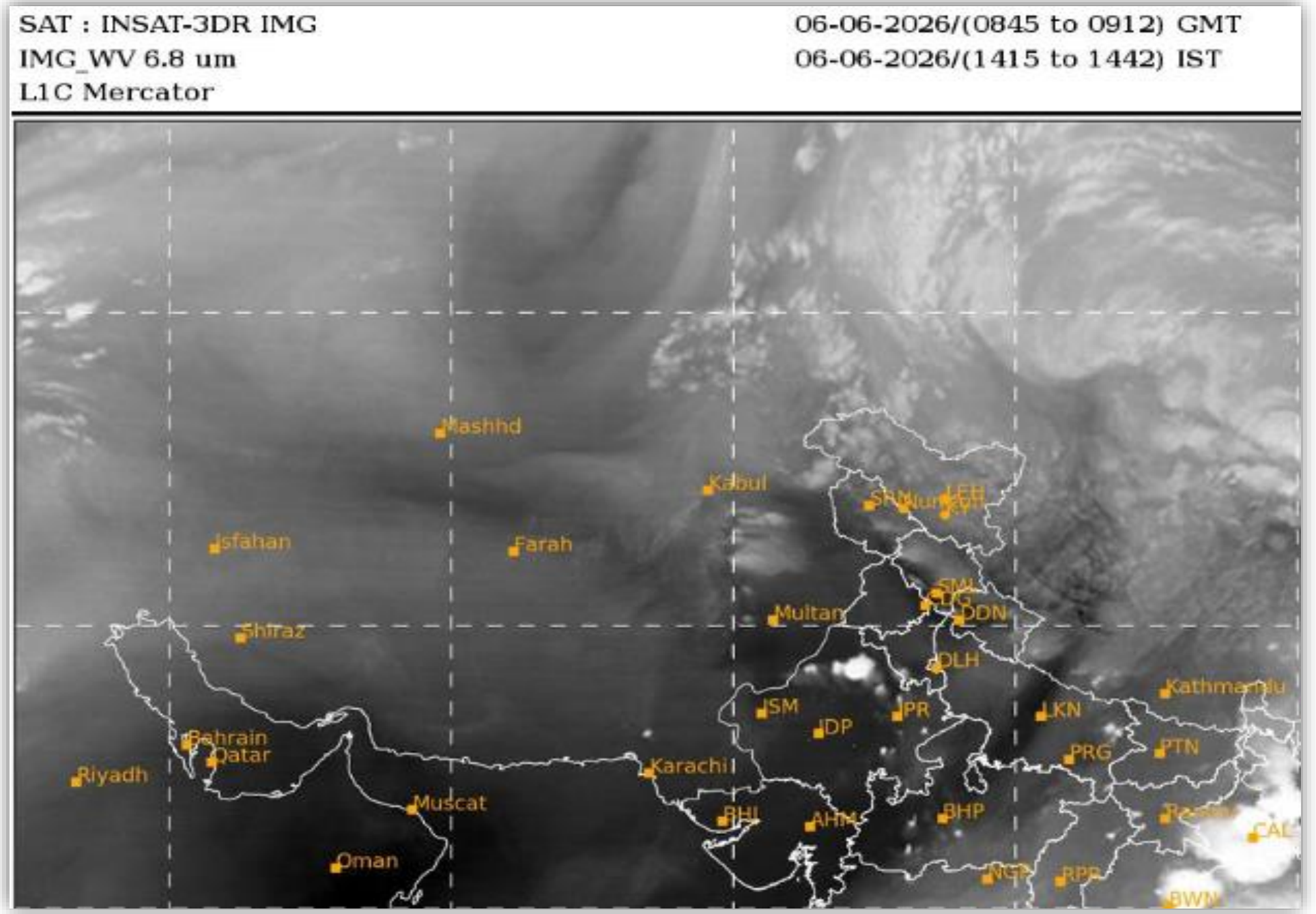
Satellite/Sensor ： FY-4B/AGRI

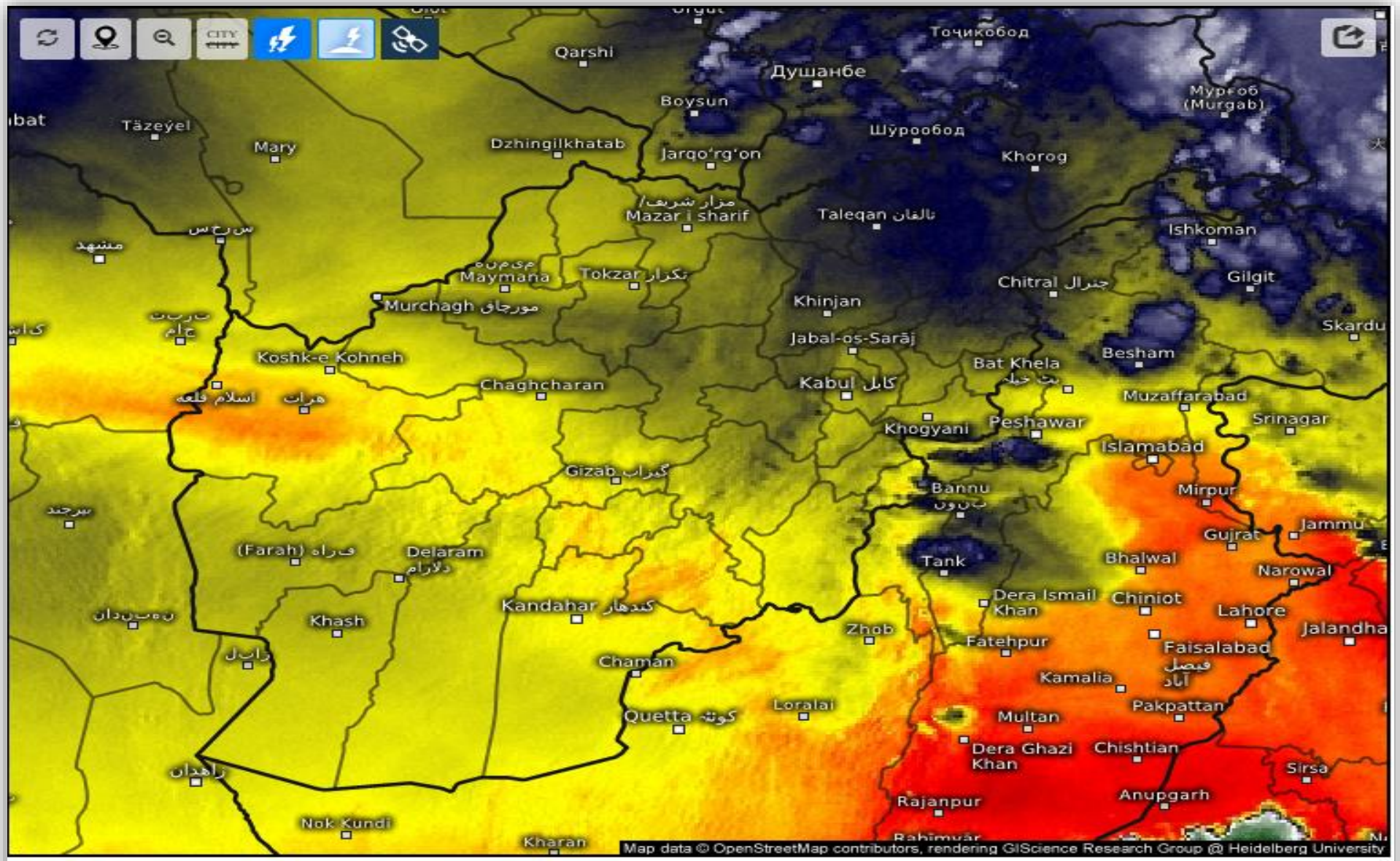
Cloud Top Height

2026-06-06 09:00(UTC)




UTC: 2026-06-06 09:15
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

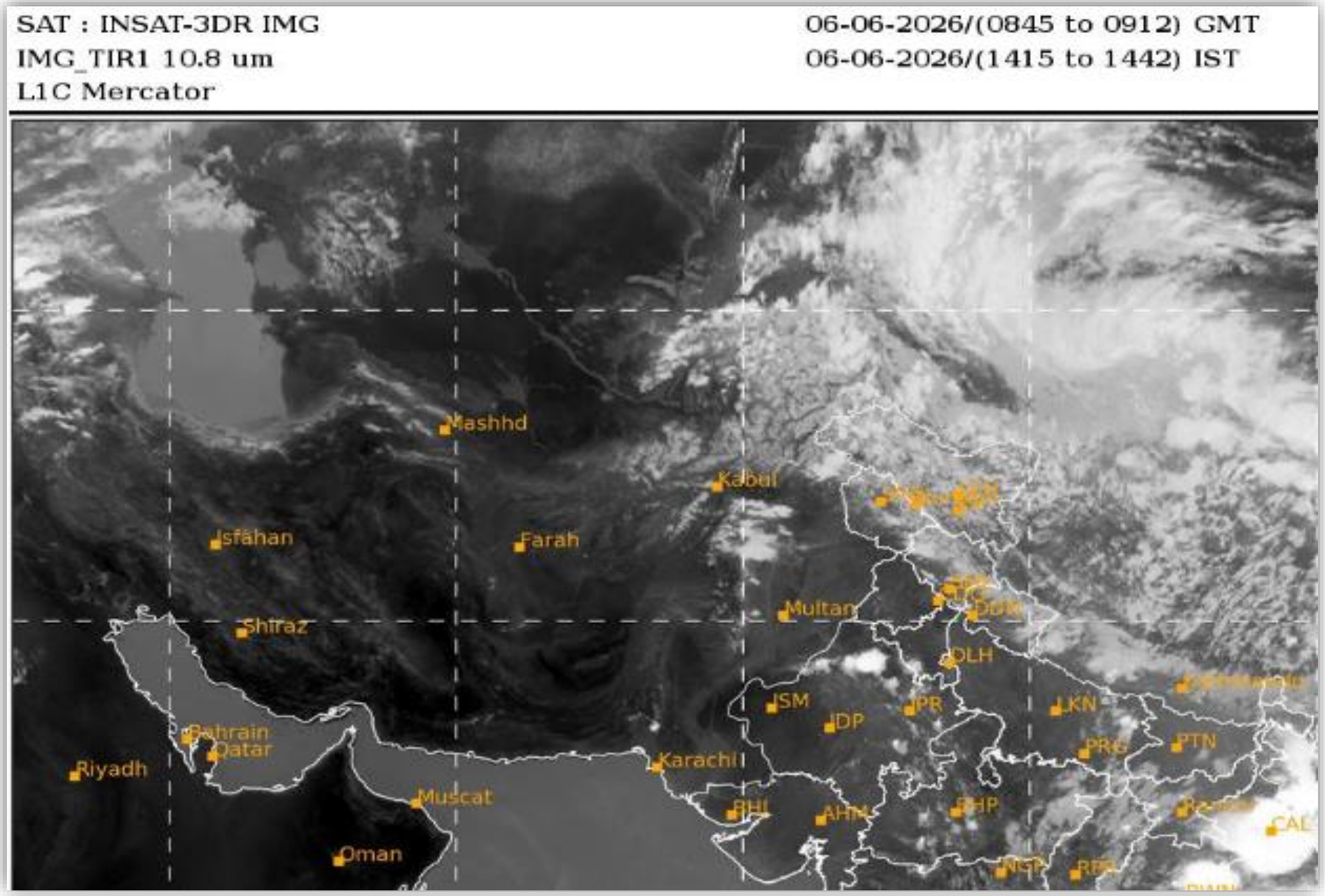

SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator
06-06-2026/(0845 to 0912) GMT
06-06-2026/(1415 to 1442) IST
Mashhd
Kabul
Isfahan
Farah
Multan
Shiraz
DLH
Kathmandu
SM
DP
PR
LKN
Bahrain
Qatar
Riyadh
Karachi
PRG
PTN
Muscat
BHI
AHM
BHP
CAL
Oman
RPR
BWN



Satellite Water Vapor

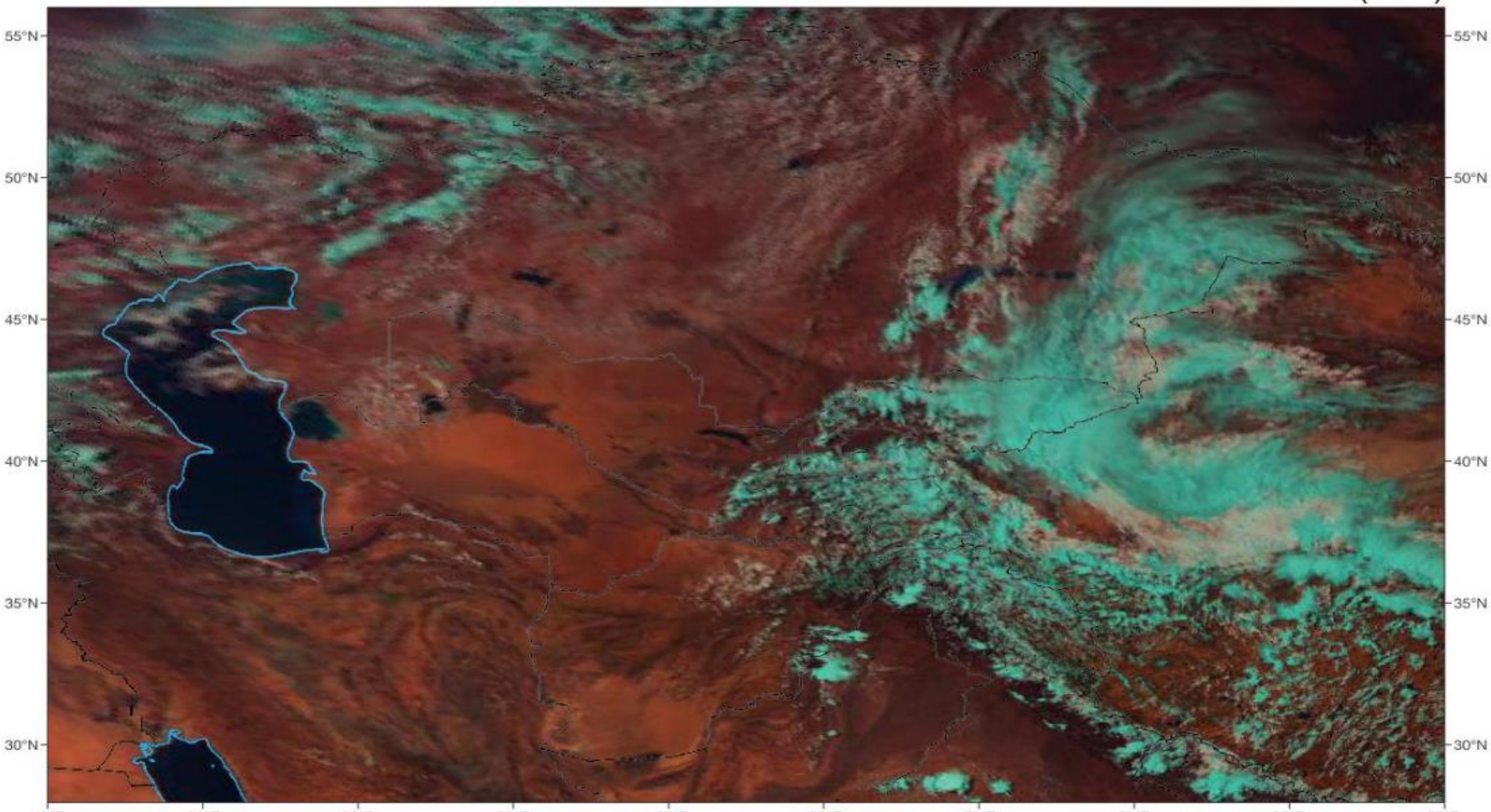
Sat 06/06/2026, 01:30pm GMT+0430

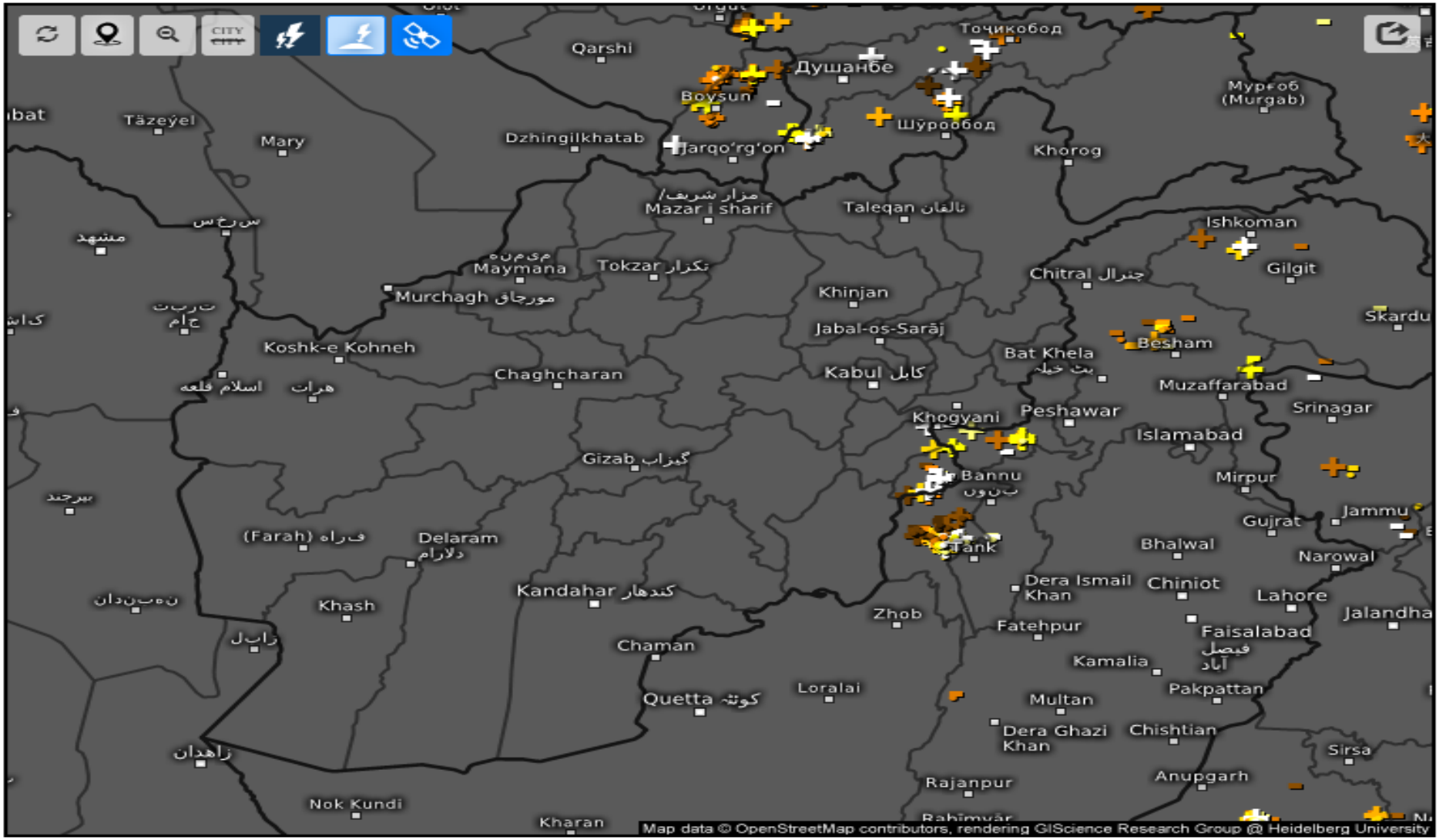
wet/cold — dry/warm


SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator
06-06-2026/(0845 to 0912) GMT
06-06-2026/(1415 to 1442) IST
Mashhd
Kabul
Isfahan
Farah
Multan
Shiraz
DLH
SM
DP
PR
LKN
Bahrain
Qatar
Riyadh
Karachi
PRG
PTN
Muscat
BHI
AHN
BHP
CAL
Oman

Fog Identification

2026-06-06 09:00(UTC)





Age of lightning (minutes)

Sat 06/06/2026, 01:30pm 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