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

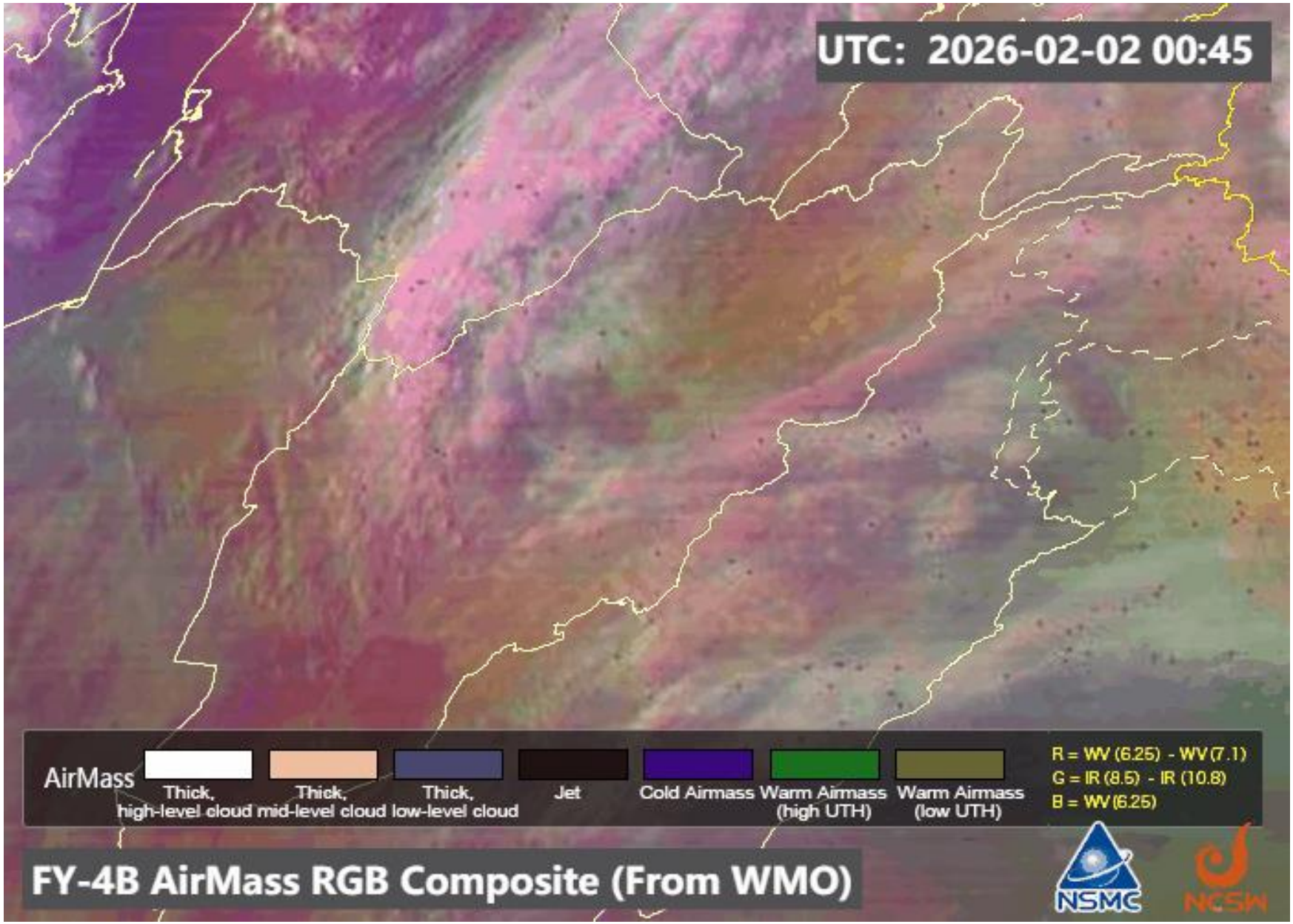
Daily reports of Satellite imagery analysis. Date & Time: 02/02/2025, 03:00 UTC

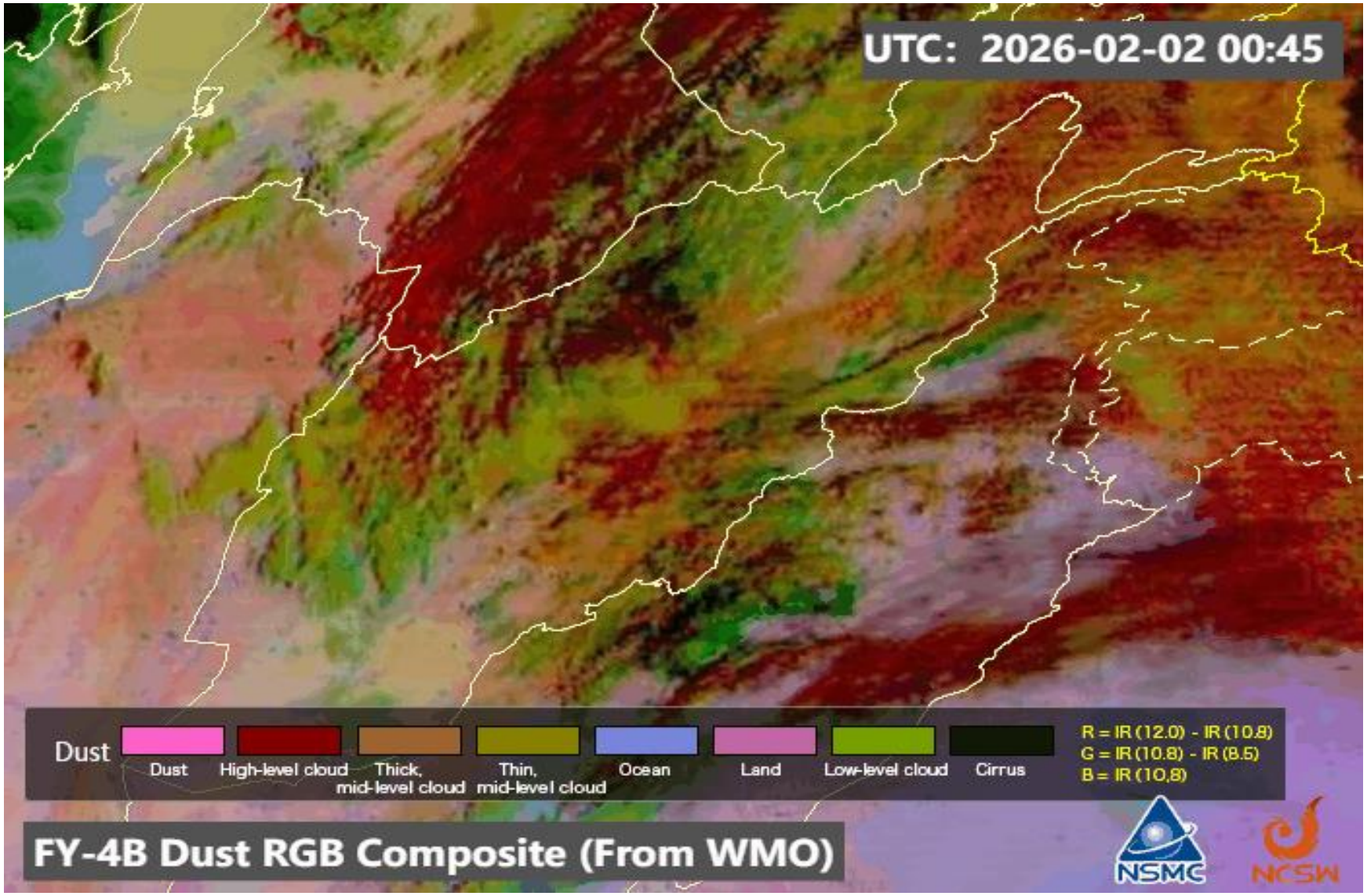
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jet stream	Comments
1	North	√	X	X	√	X	√ Moderate	X	X	
2	South	√	X	X	√	X	√ Moderate	X	X	
3	West	√	X	X	X	X	√ Moderate	X	X	
4	East	√	X	X	X	X	√ Moderate	X	X	
5	central	√	X	X	√	√	√ Moderate	X	X	
6	Northeast	√	X	X	X	X	√ Moderate	X	X	
7	Southeast	√	X	X	√	√	√ Moderate	X	X	
8	Northwest	√	X	X	√	X	√ Moderate	X	X	
9	Southwest	√	X	X	X	X	√ Moderate	X	X	

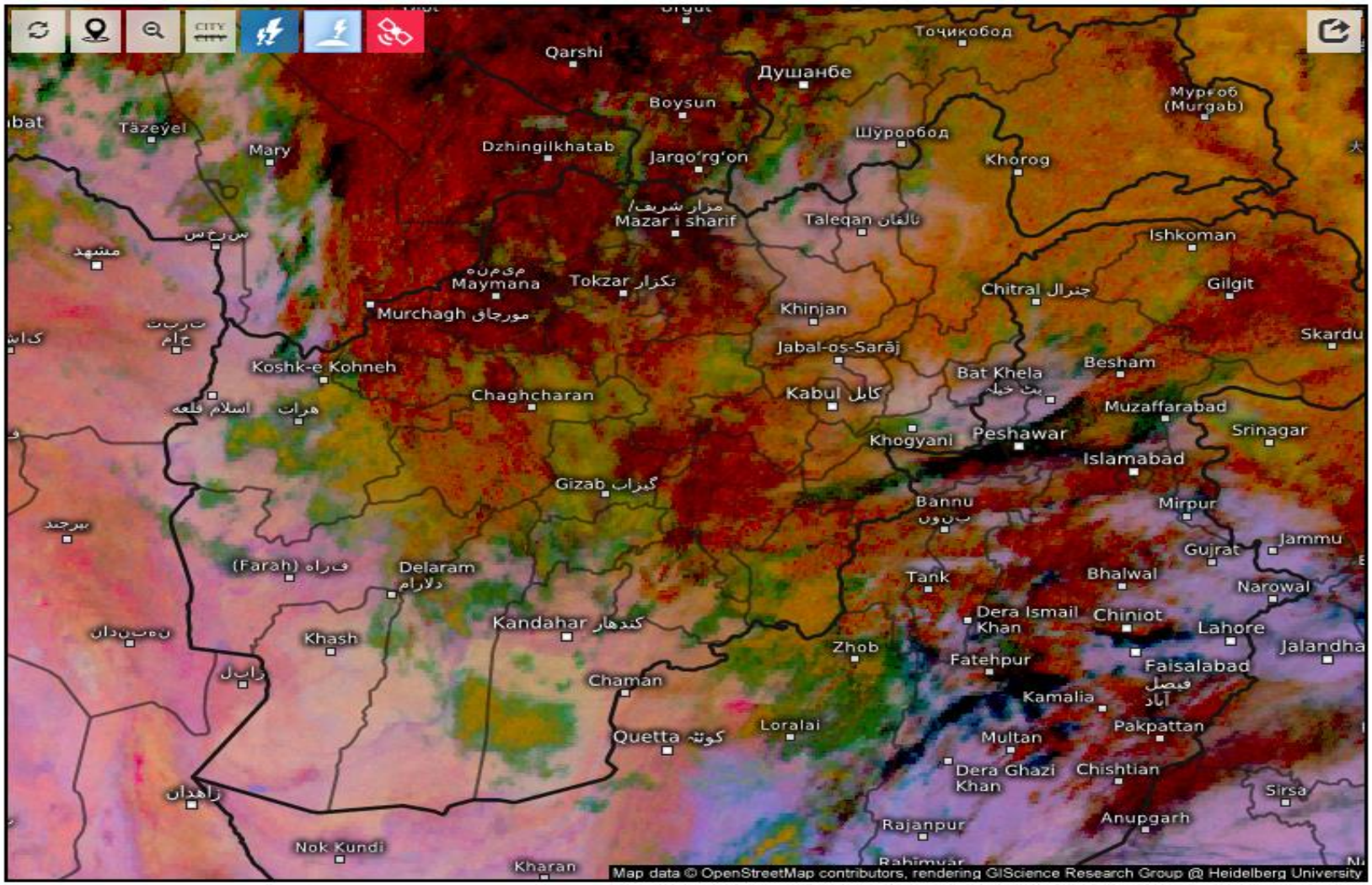
Details: according to satellite imagery analysis, the northern, southern, central, southeastern, and southwestern areas have cold air mass. Western, eastern, northeastern, and northwestern areas have warm air mass. The northern, southern, central, southeastern, and northwestern areas have cloudy sky. Some parts of central and southeastern areas have fog. The northern, southern, western, eastern, central, northeastern, southeastern, northwestern, and southwestern areas have moderate water vapor.

Note: X (Not existing phenomena), √ (exist phenomena)

- Reported by: Sayed Taher Atlas


UTC: 2026-02-02 00:45
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)
NSMC
NCSW

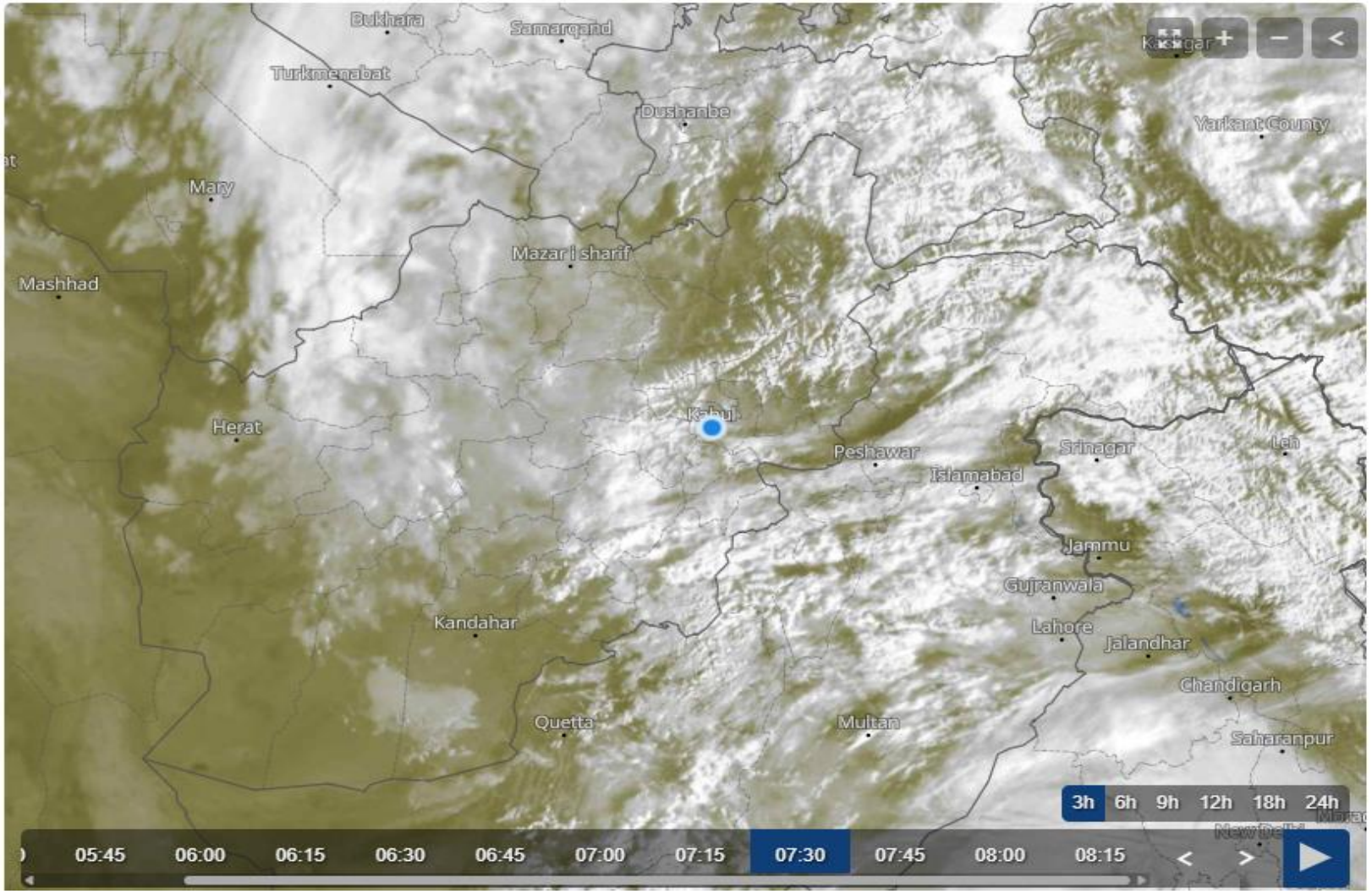

UTC: 2026-02-02 00:45
Dust
Dust
High-level cloud
Thick, mid-level cloud
Thin, mid-level cloud
Ocean
Land
Low-level cloud
Cirrus
R = IR (12.0) - IR (10.8)
G = IR (10.8) - IR (8.5)
B = IR (10.8)
FY-4B Dust RGB Composite (From WMO)
NSMC
NCSW



Satellite Dust

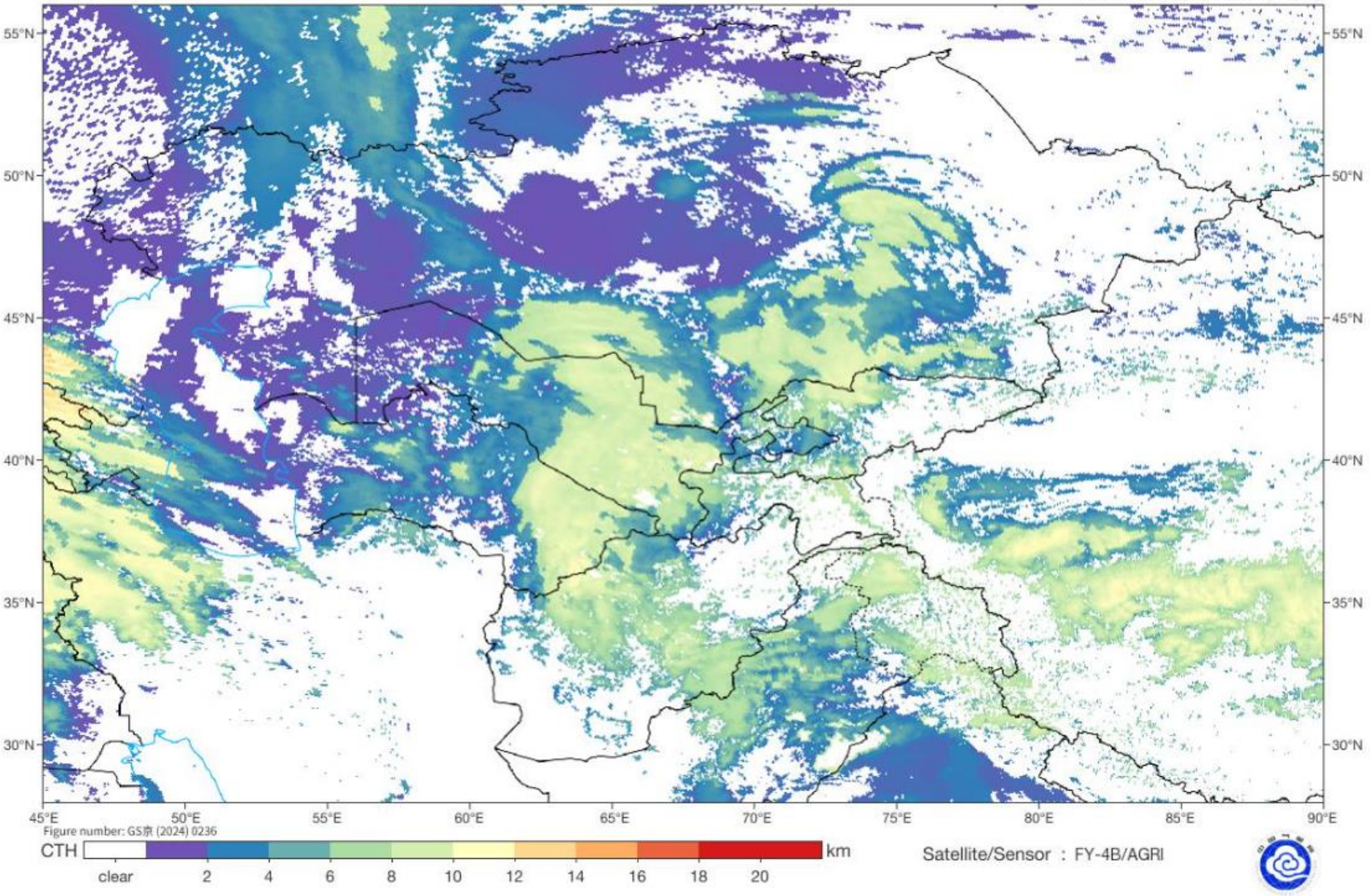
Mon 02/02/2026, 07:30am GMT+0430

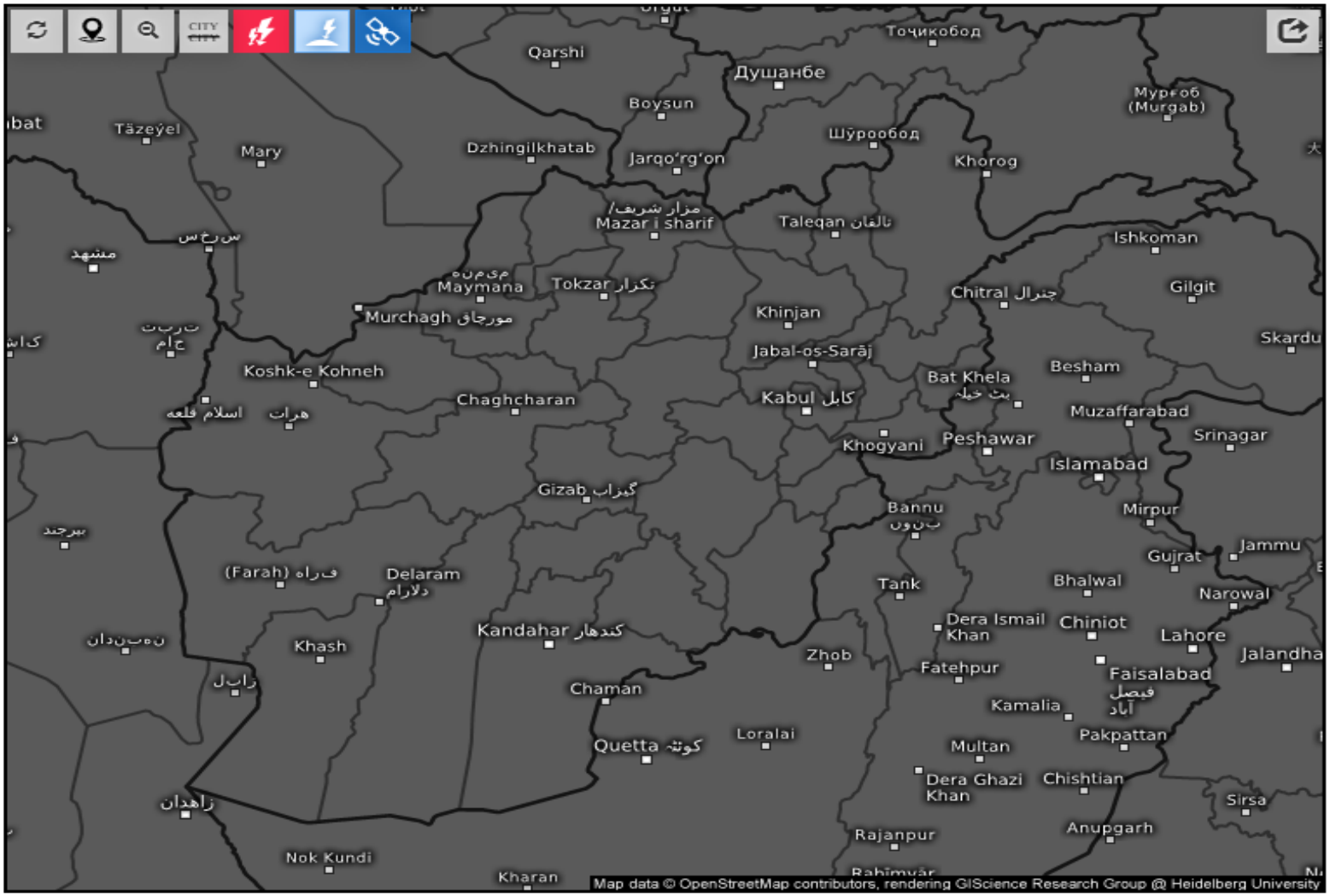
Live satellite map, Afghanistan



Cloud Top Height

2026-02-02 03:00(UTC)





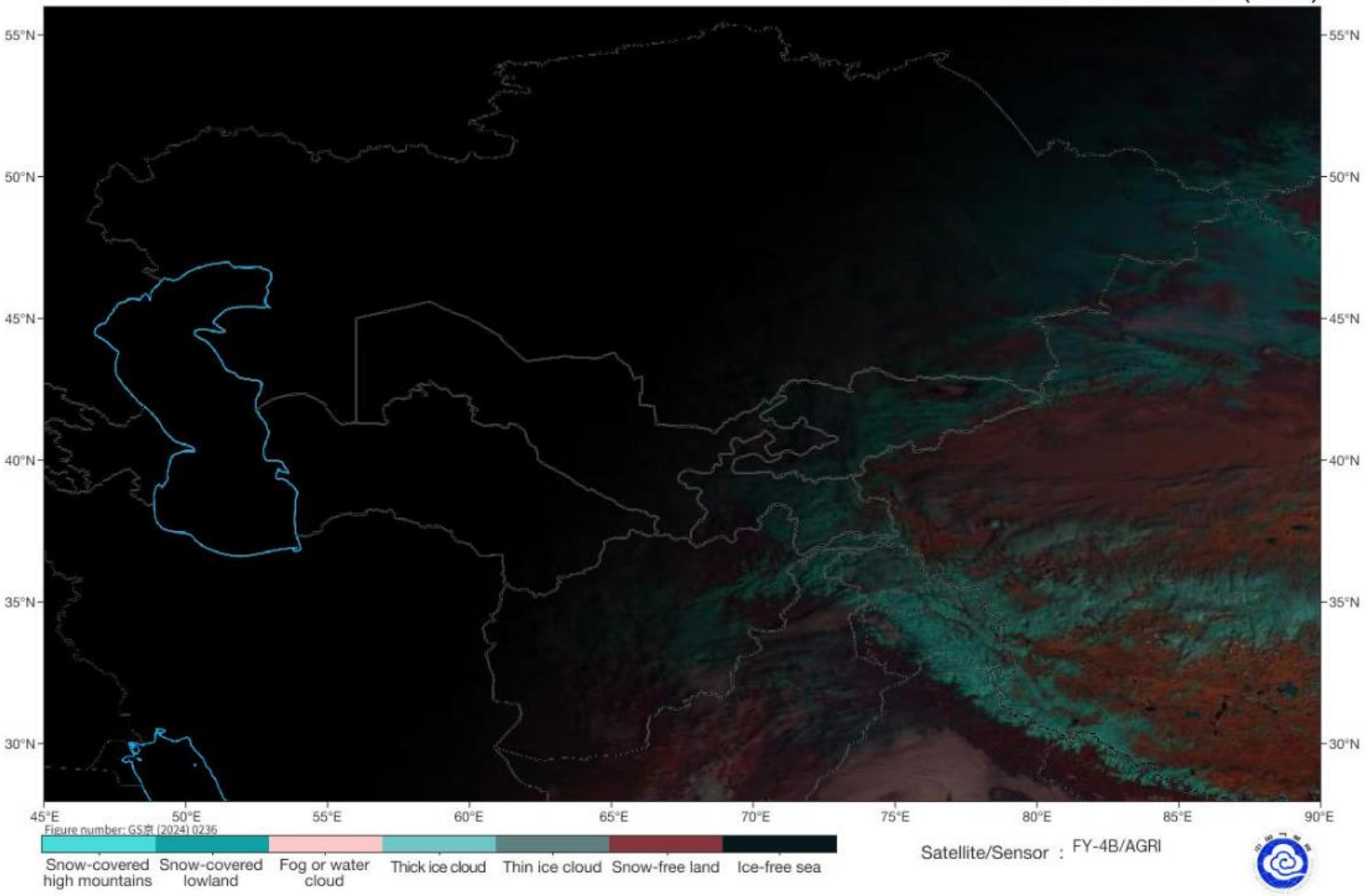
Age of lightning (minutes)

Mon 02/02/2026, 07:30am 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

Fog Identification

2026-02-02 03:30(UTC)



Land Surface Temperature

2026-02-02 03:00(UTC)

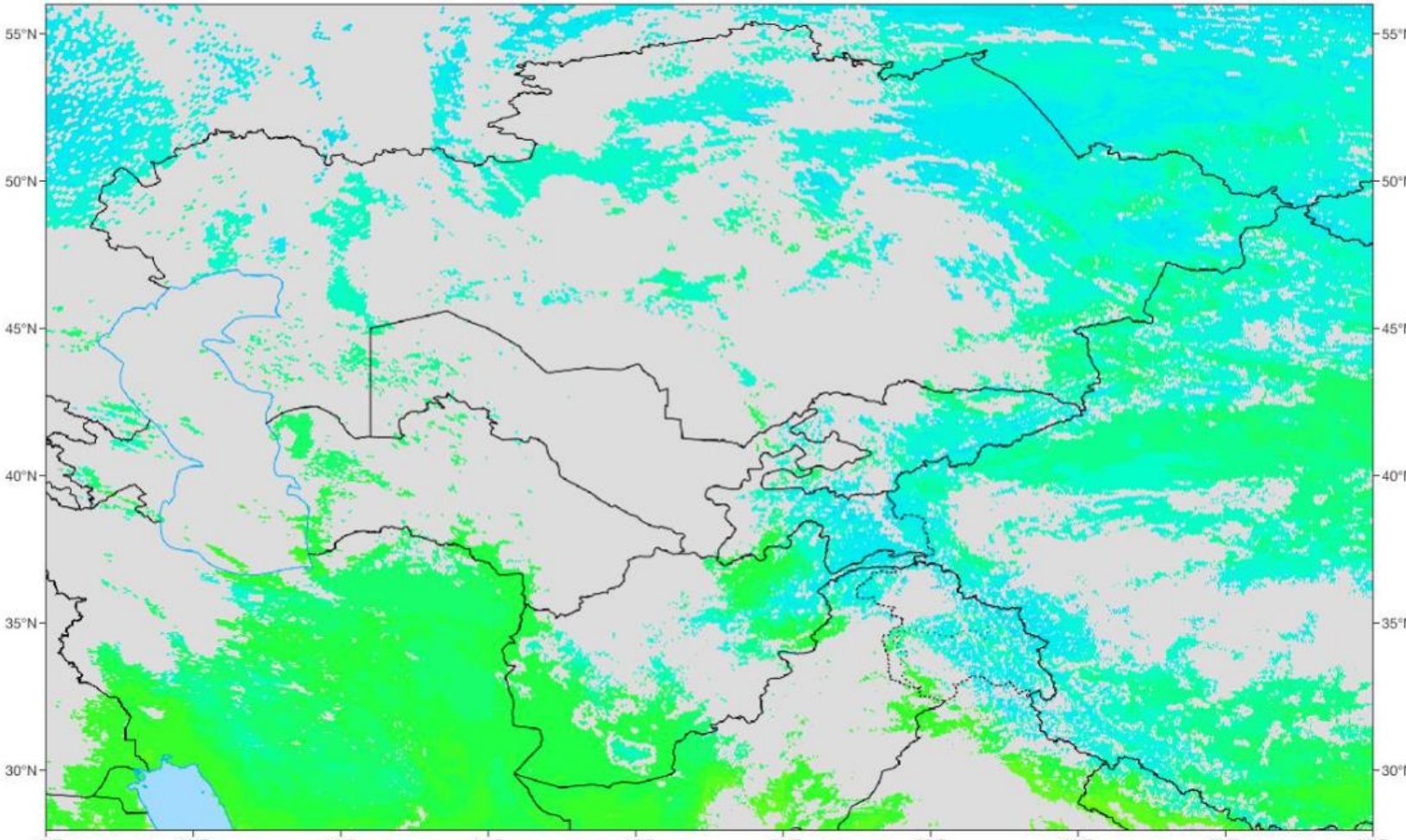


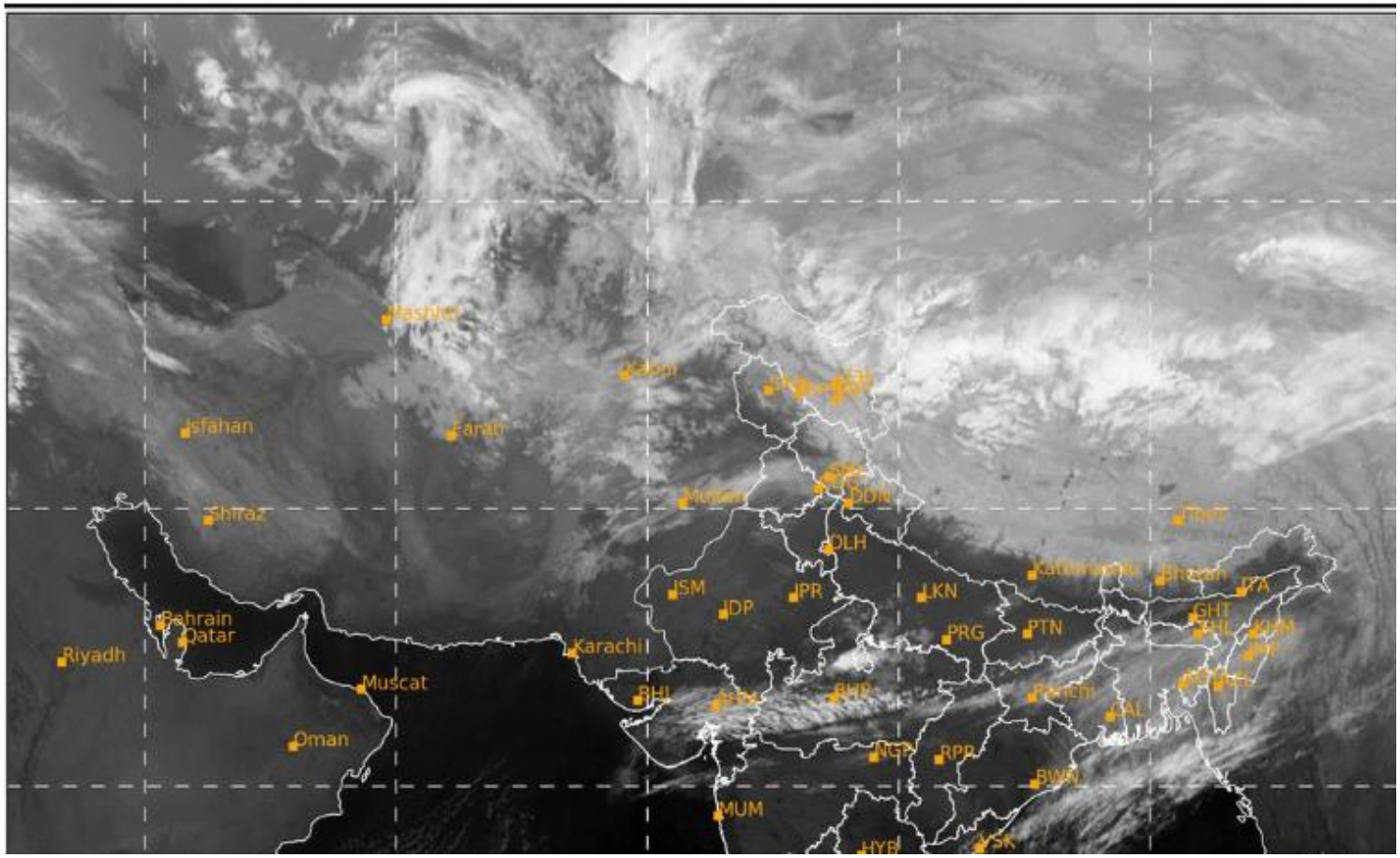
Figure number: GS京 (2024) 0236

LST -50 -45 -40 -35 -30 -25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 cloud °C

Satellite/Sensor ： FY-4B/AGRI

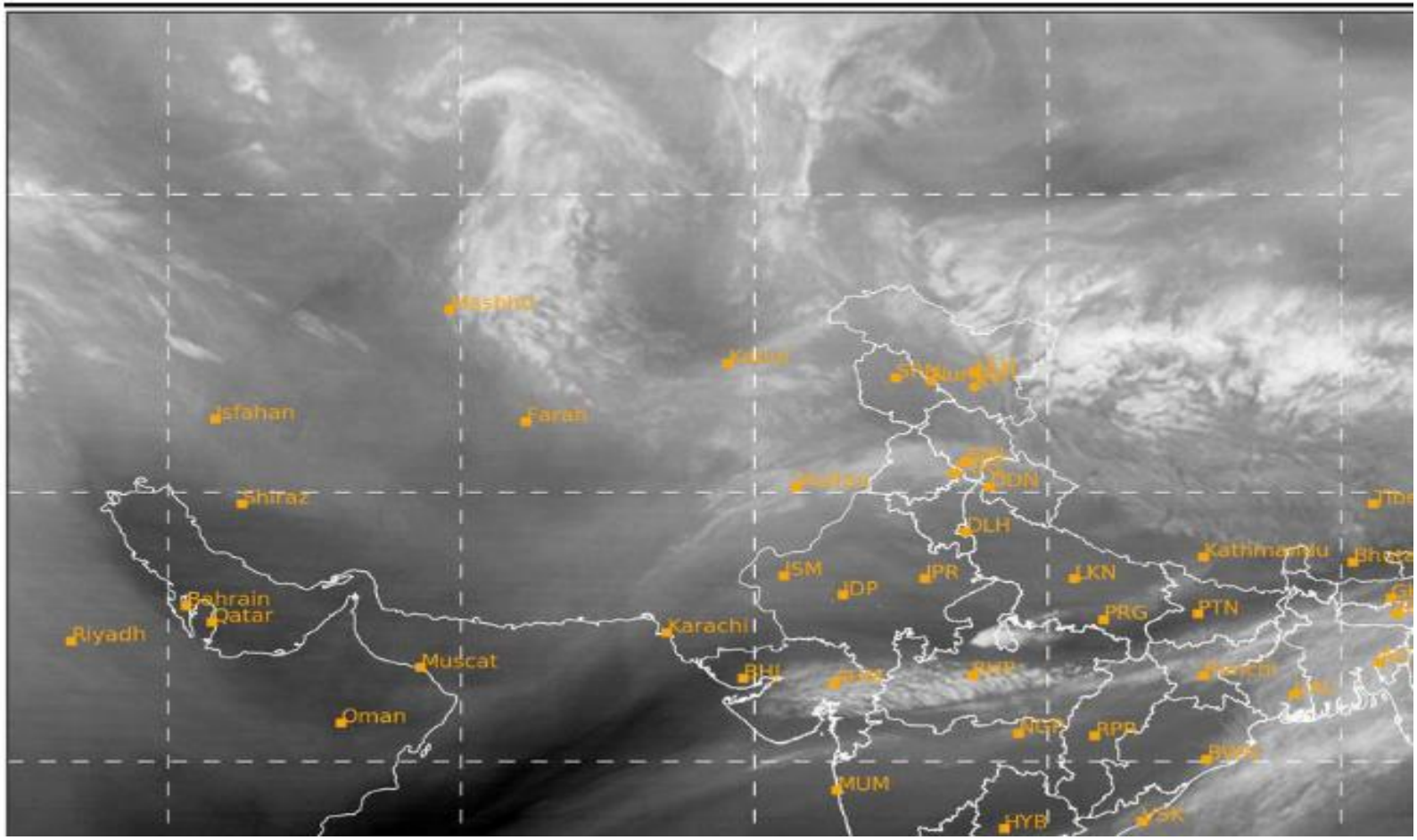
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

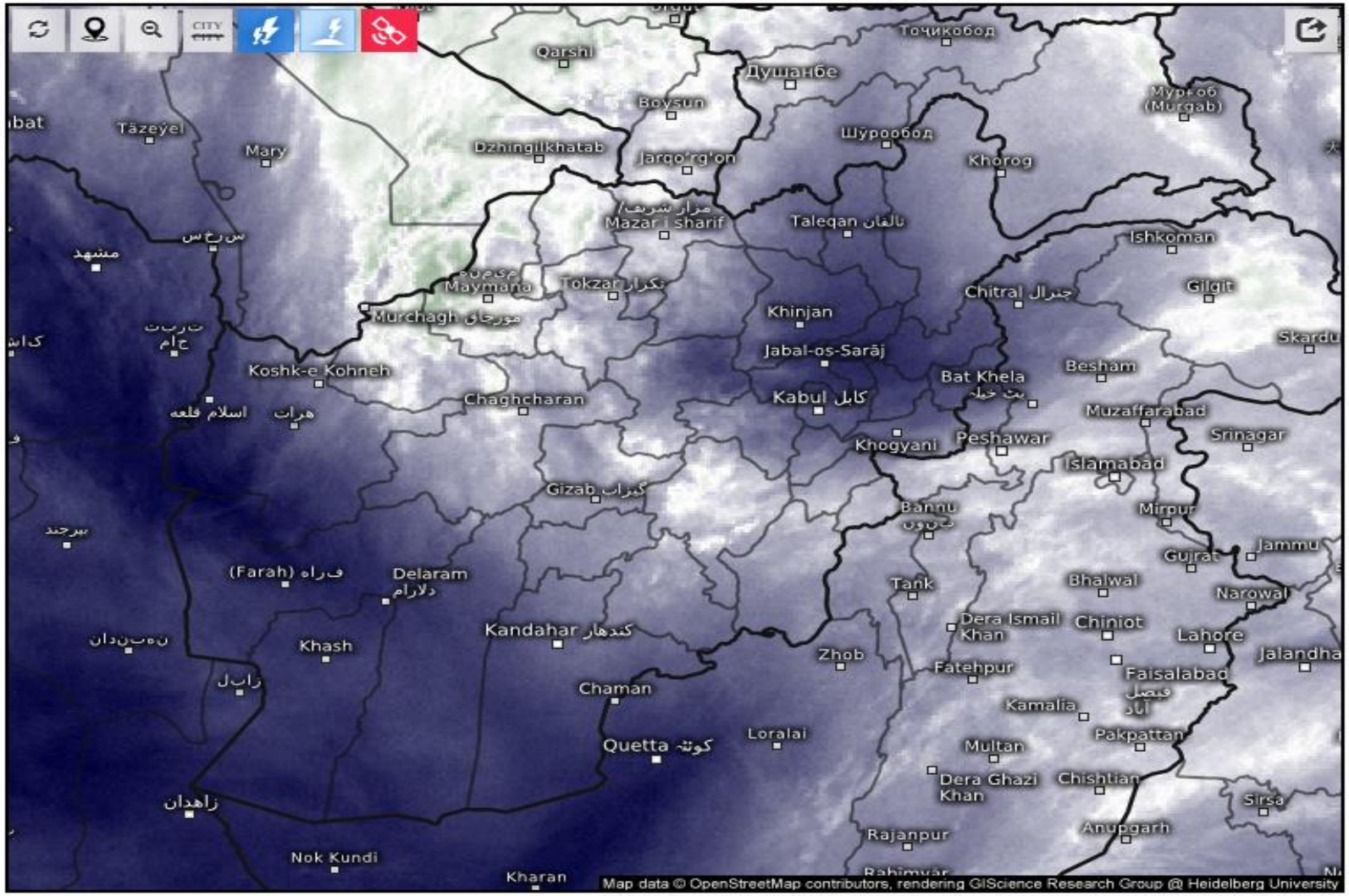
01-02-2026/(2315 to 2342) GMT
02-02-2026/(0445 to 0512) IST



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

01-02-2026/(2315 to 2342) GMT
02-02-2026/(0445 to 0512) IST





Satellite Water Vapor

Mon 02/02/2026, 07:30am GMT+0430

wet/cold — dry/warm