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

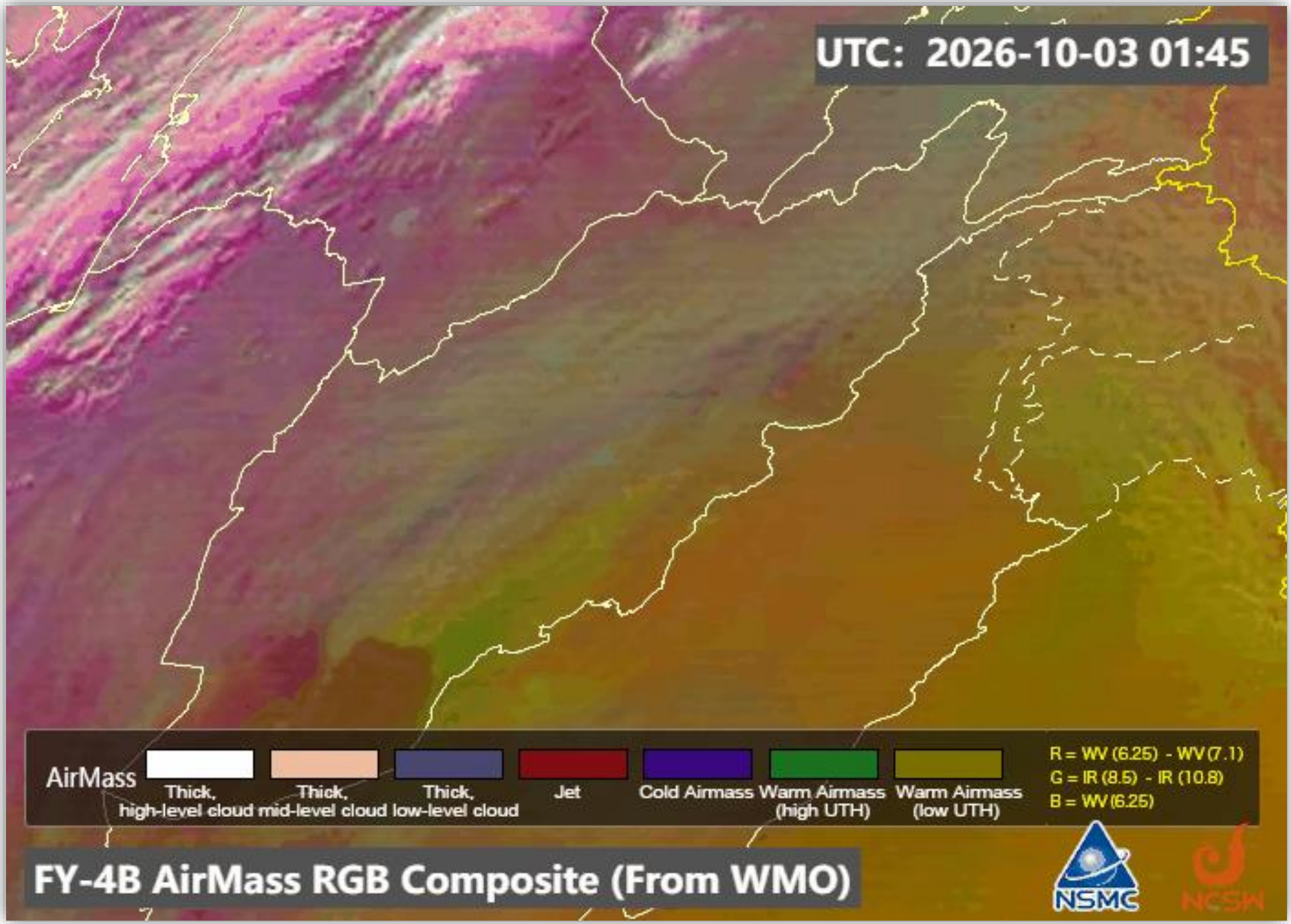
Daily reports of Satellite imagery analysis. Date & Time: 03-10-2026, 03:00 UTC

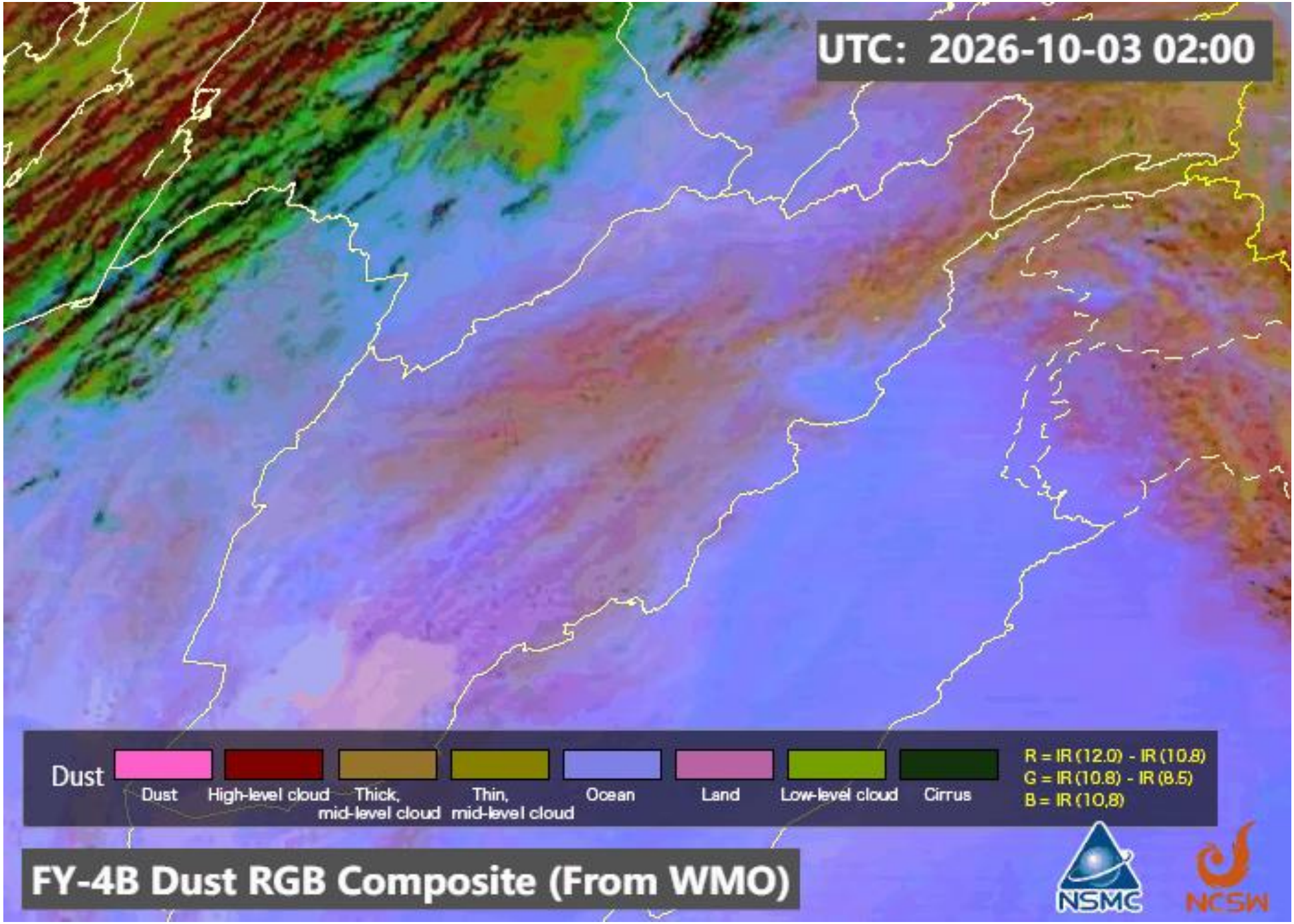
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	✓	X	X	
2	South	✓	X	X	X	X	✓	X	X	
3	West	✓	X	X	X	X	✓	X	X	
4	East	✓	X	X	X	X	✓	X	X	
5	central	✓	X	X	X	X	✓	X	X	
6	Northeast	✓	X	X	X	X	✓	X	X	
7	Southeast	✓	X	X	X	X	✓	X	X	
8	Northwest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

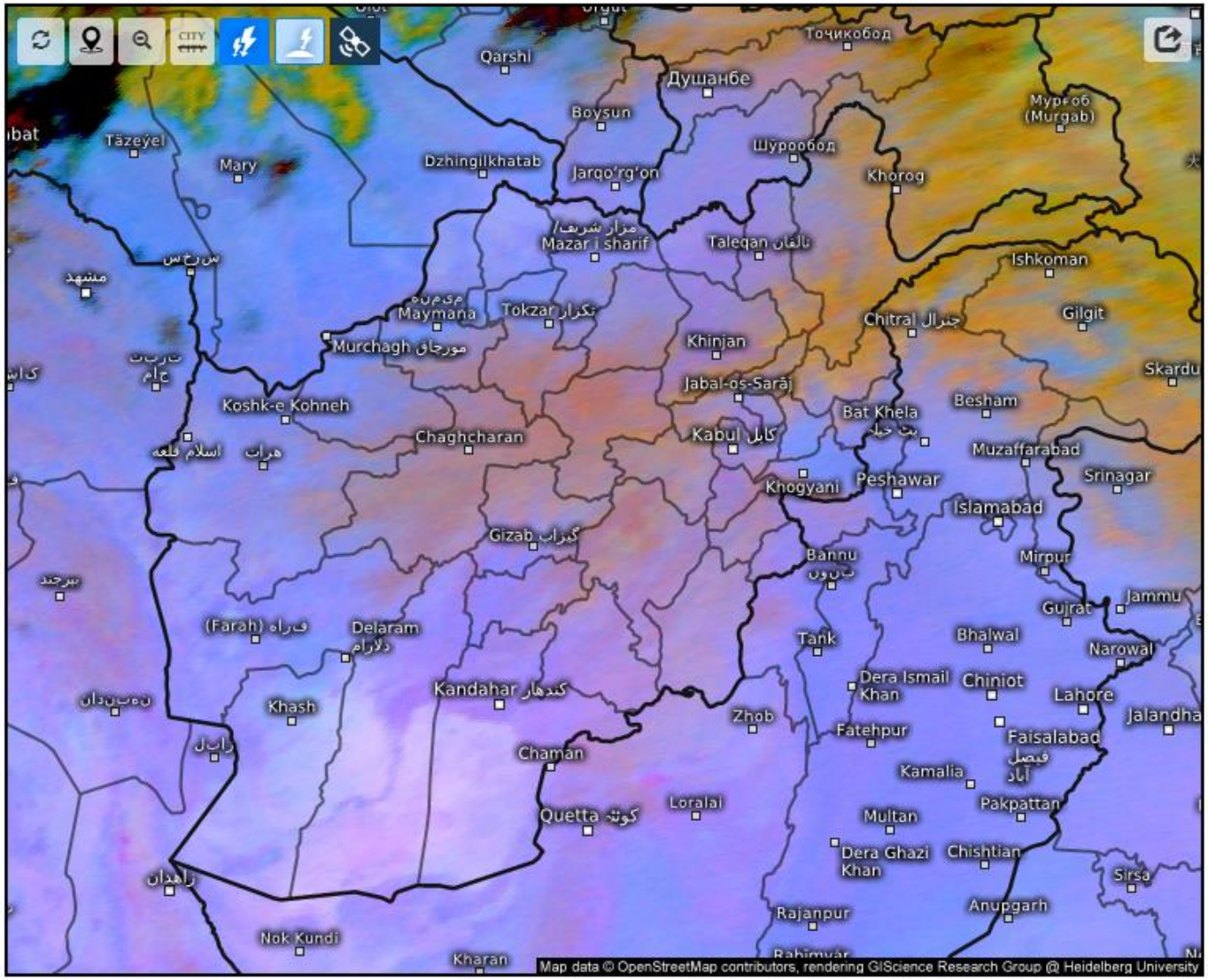
Details: according to satellite imagery analysis, the all regions have cold air mass with exceptional of southern areas which have warm air mass. The northern, southern, western, eastern, central, northeastern, southeastern, northwestern, and southwestern areas have moderate water vapor.

Note: ✓(existing phenomena) X (Not existing phenomena)
Reported by: Sayed Taher Atlas
Legend:

Dust		Water vapor			Air mass		Thunder storm	Cloud	Fog	Jet stream	Cyclone & Anticyclone	
Weak Dust	Dust storm	Weak	Dry	Moderate	Warm	Cold						

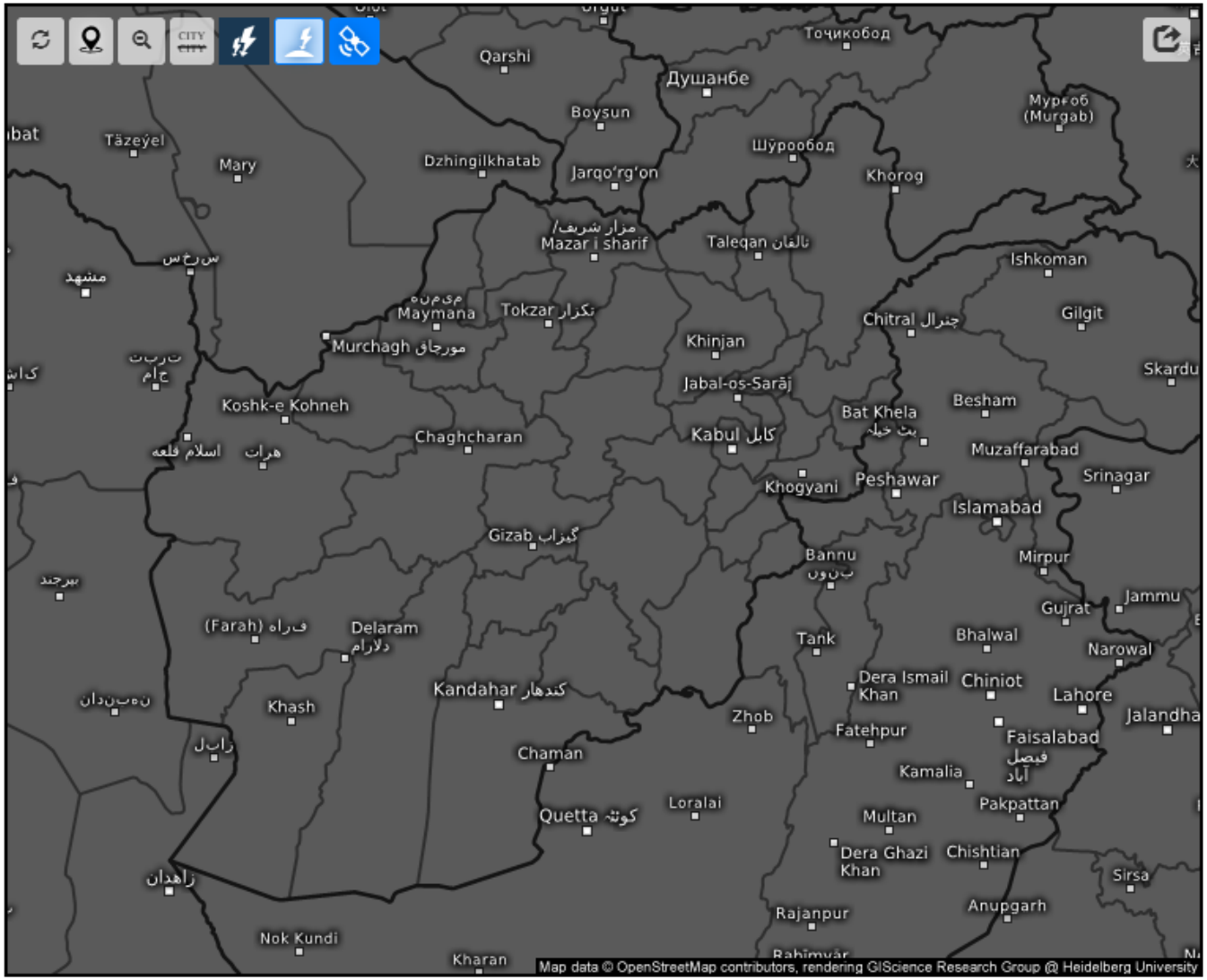

UTC: 2026-10-03 01:45
AirMass
Thick, high-level cloud
Thick, mid-level cloud
Thick, low-level cloud
Jet
Cold Airmass
Warm Airmass (high UTH)
Warm Airmass (low UTH)
R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)
FY-4B AirMass RGB Composite (From WMO)
NSMC
NCSM


UTC: 2026-10-03 02:00
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

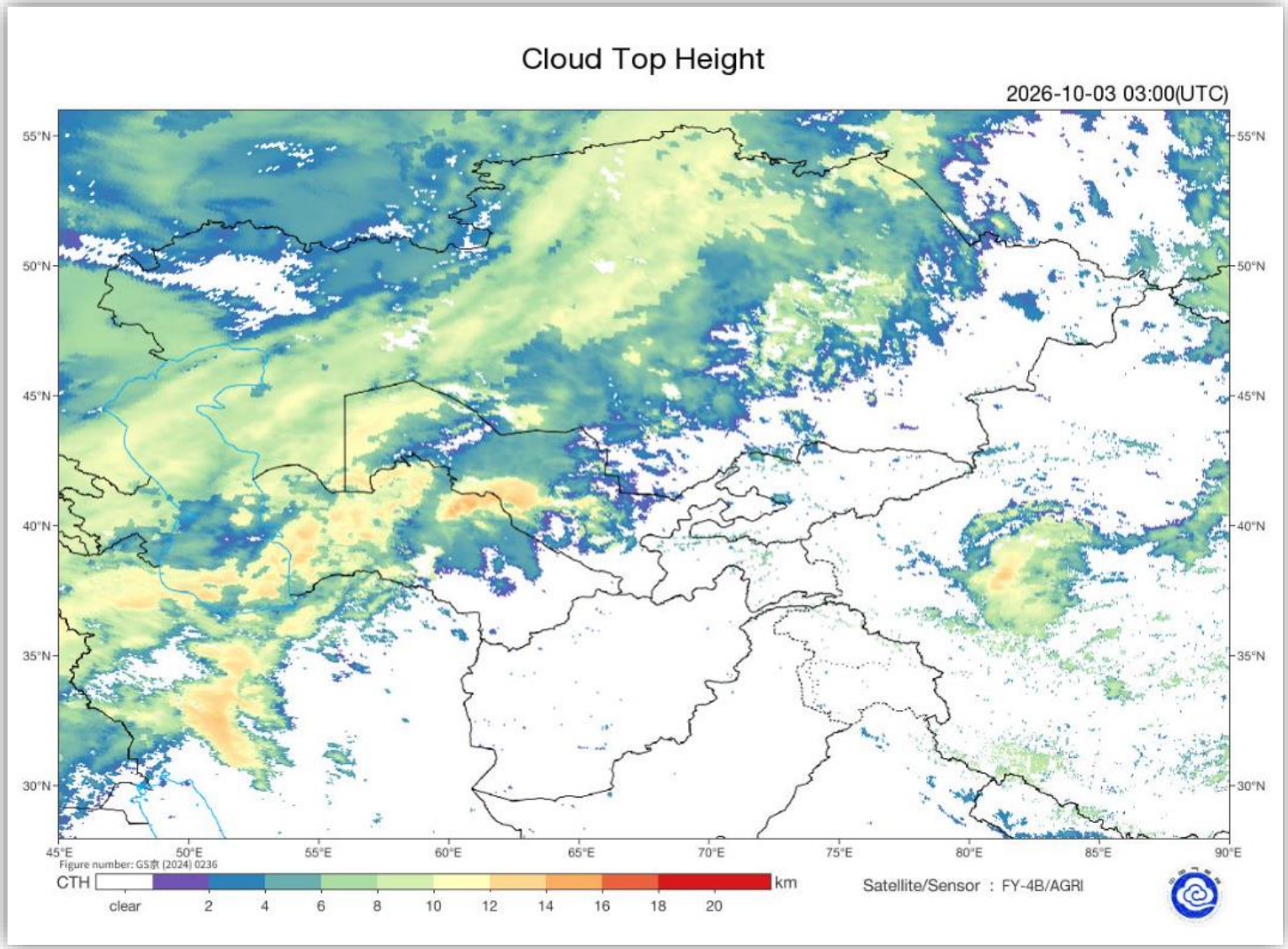
Sat 10/03/2026, 07:30am GMT+0430



Age of lightning (minutes)

Sat 10/03/2026, 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 55-6

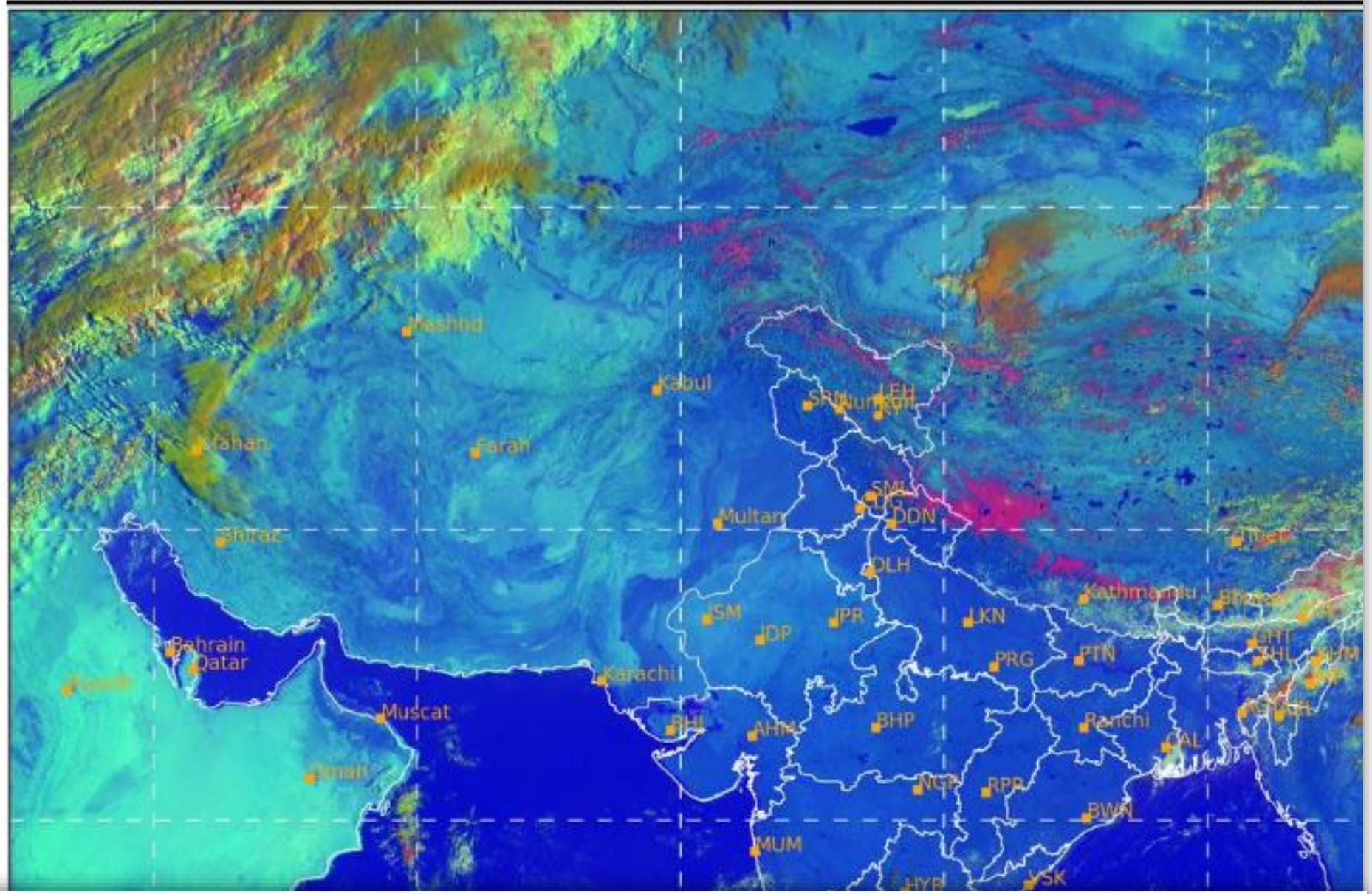

Cloud Top Height
2026-10-03 03:00(UTC)
55°N
50°N
45°N
40°N
35°N
30°N
45°E
50°E
55°E
60°E
65°E
70°E
75°E
80°E
85°E
90°E
Figure number: GS京 (2024) 0236
CTH
clear
2
4
6
8
10
12
14
16
18
20
km
Satellite/Sensor ： FY-4B/AGRI

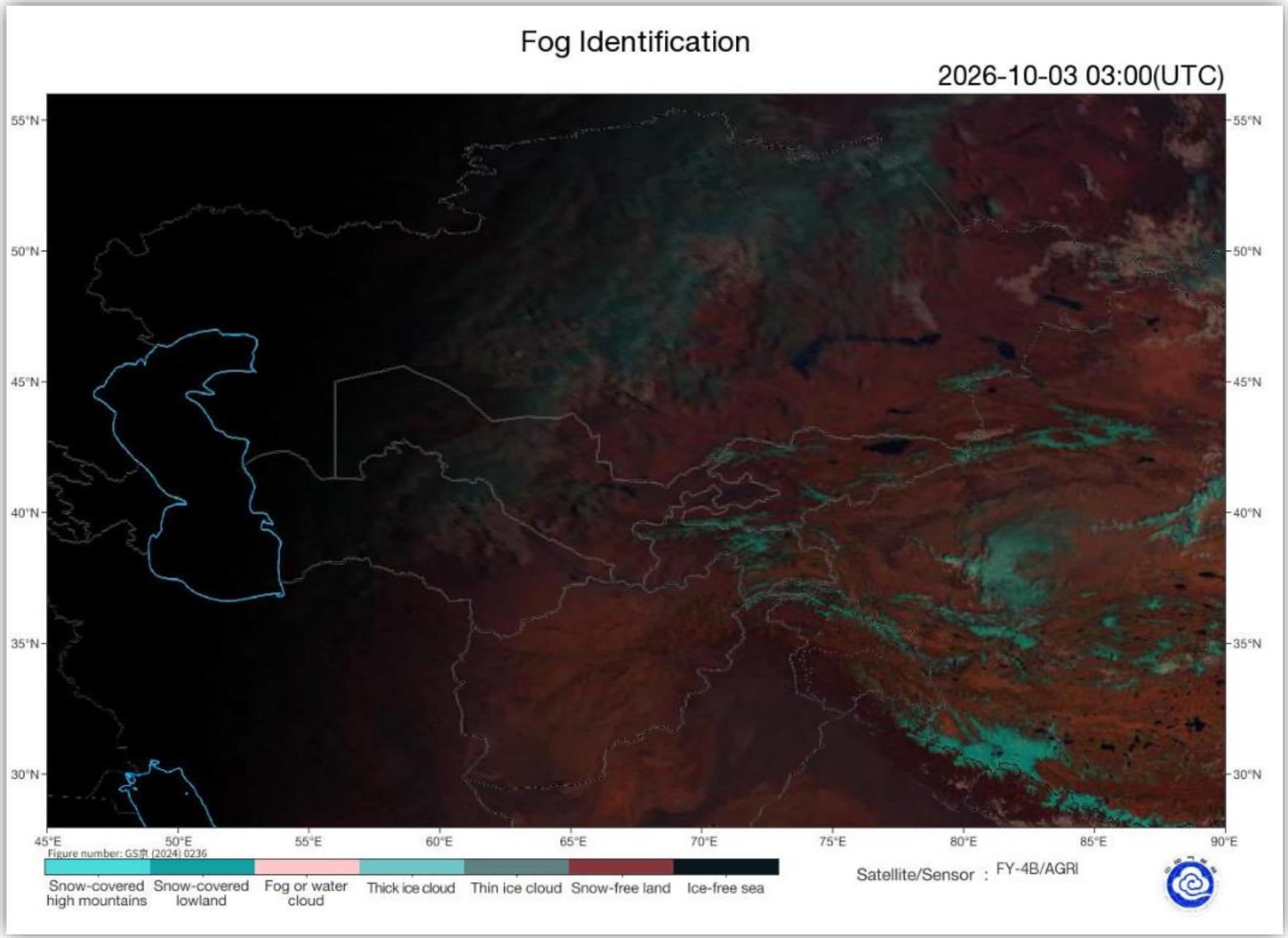
Live satellite map, Afghanistan

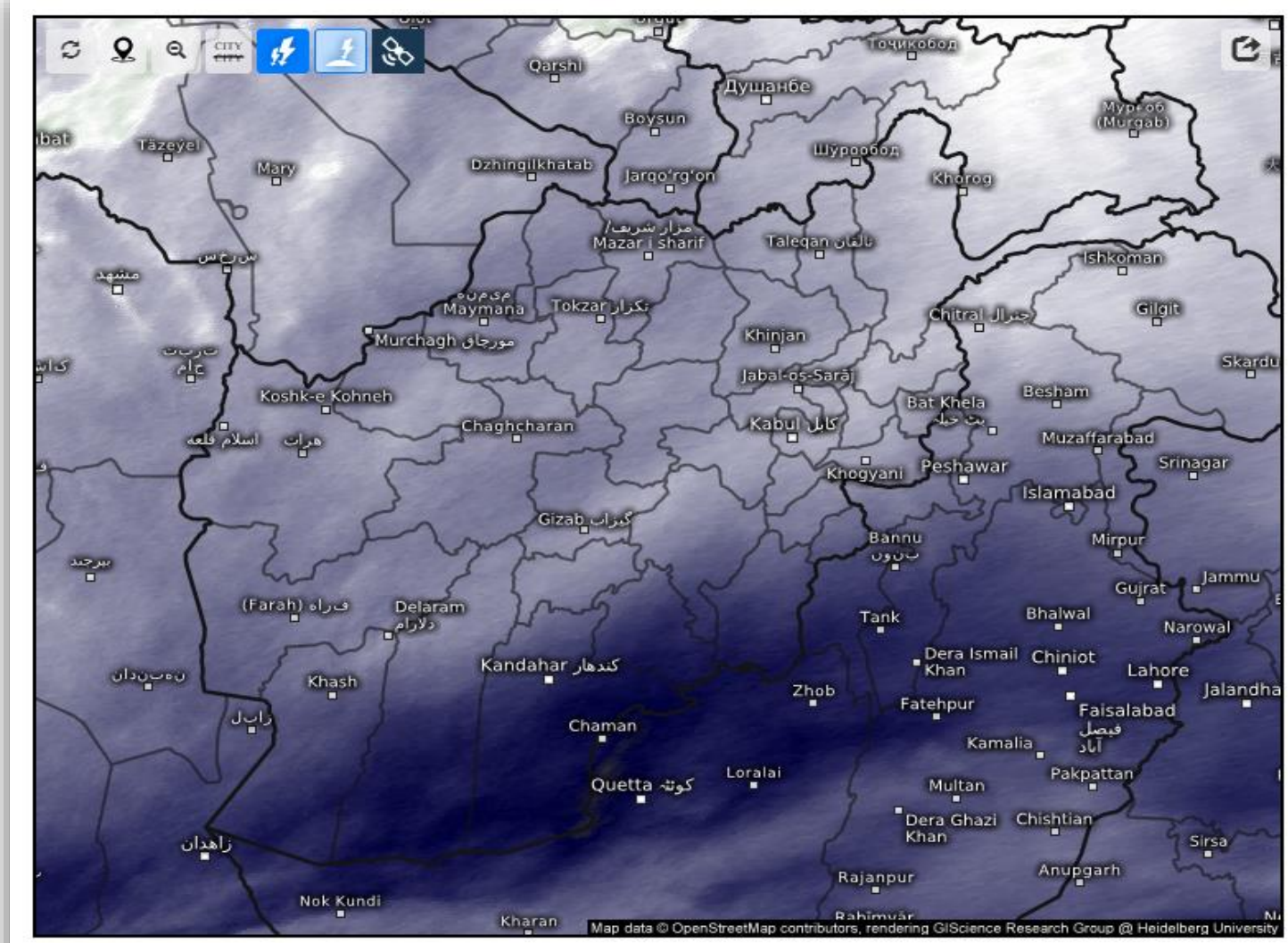
SAT : INSAT-3DR IMG 03-10-2026/(0345 to 0412) GMT

Day Microphysics: VIS_REFL (R), SWIR_REFL (G), TIR1_BT (B)

L1C Mercator 03-10-2026/(0915 to 0942) IST




Fog Identification
2026-10-03 03:00(UTC)
55°N
50°N
45°N
40°N
35°N
30°N
45°E
50°E
55°E
60°E
65°E
70°E
75°E
80°E
85°E
90°E
Figure number: GS京 (2024) 0236
Snow-covered high mountains
Snow-covered lowland
Fog or water cloud
Thick ice cloud
Thin ice cloud
Snow-free land
Ice-free sea
Satellite/Sensor : FY-4B/AGRI



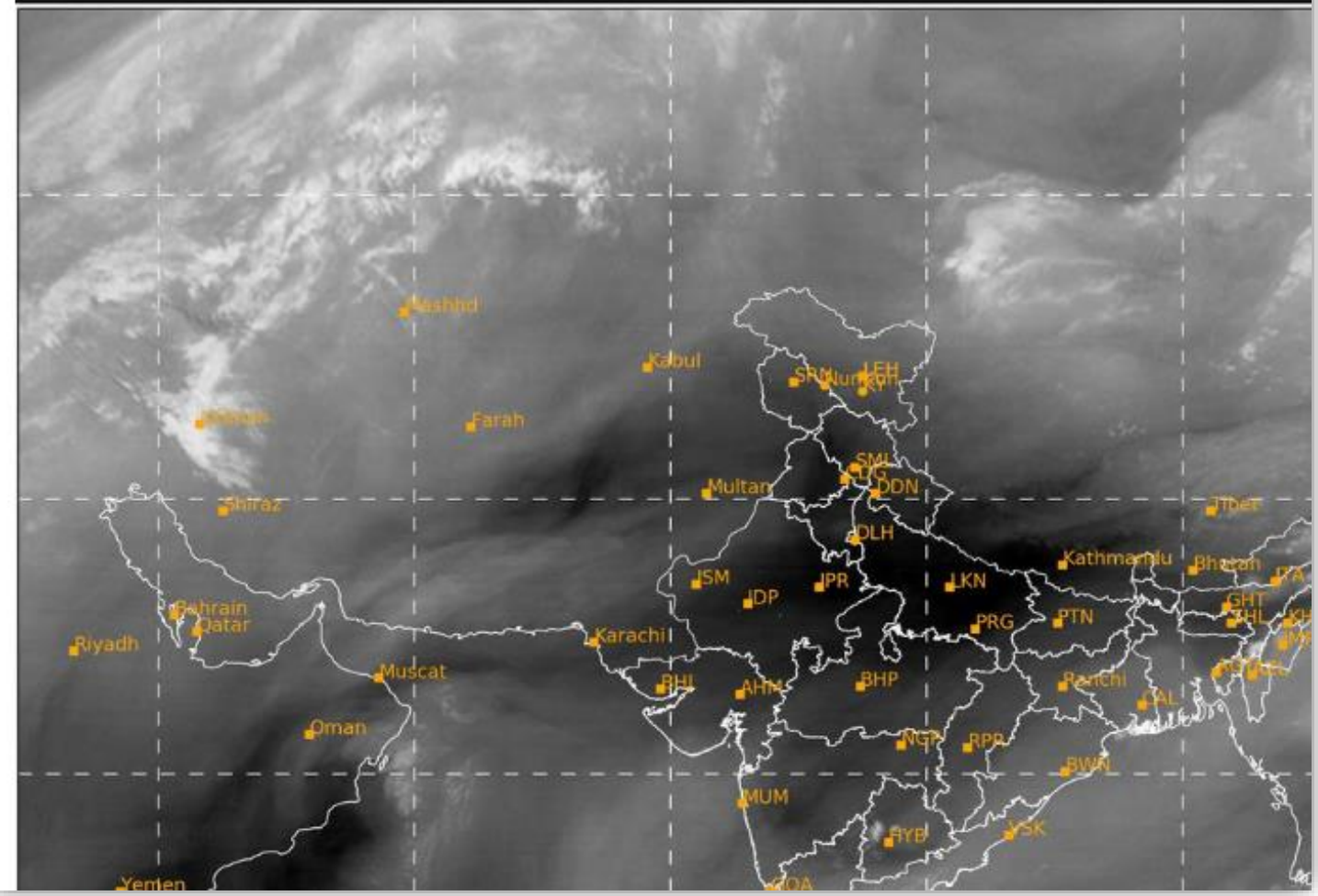
Satellite Water Vapor

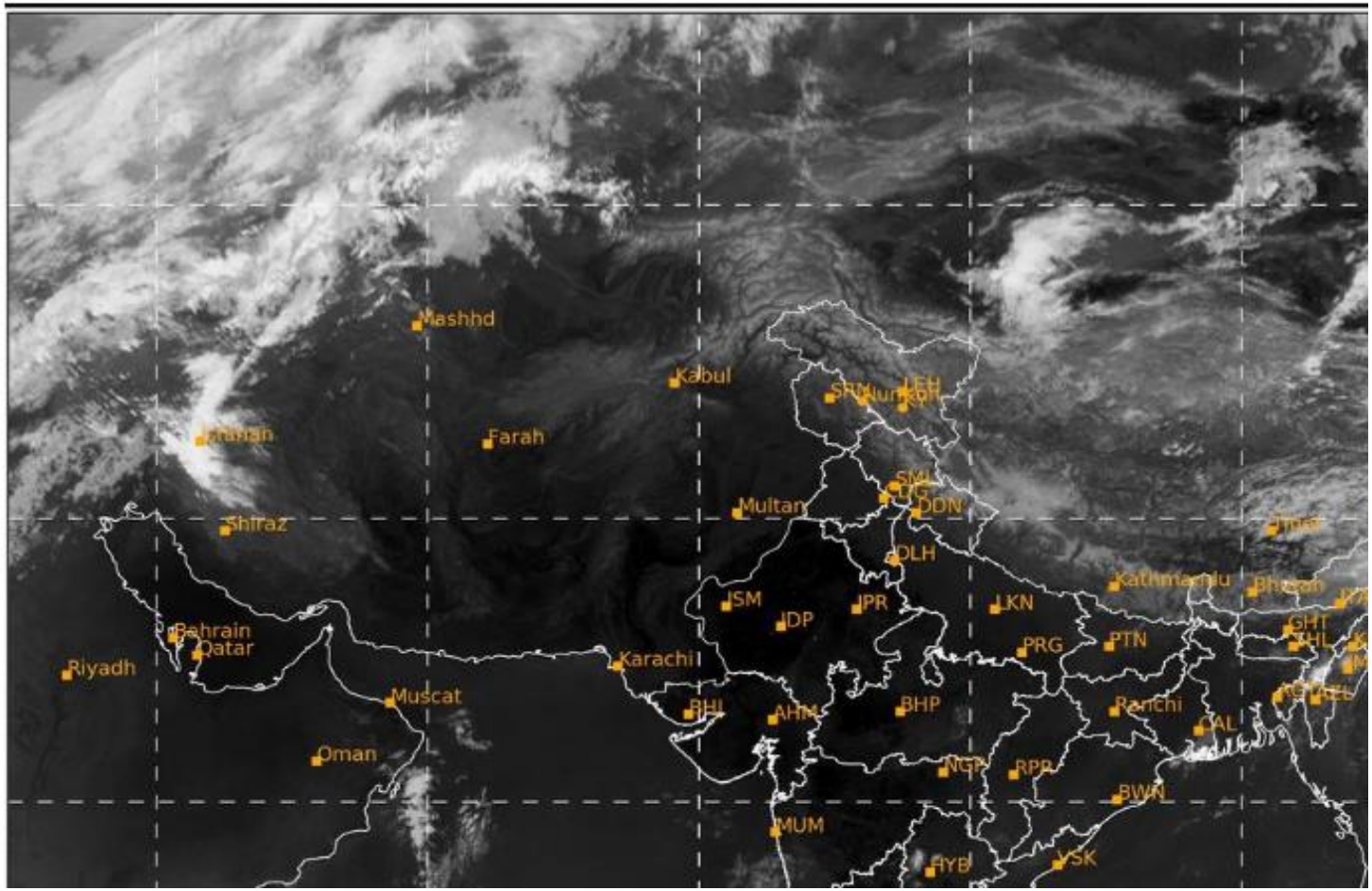
Sat 10/03/2026, 07:30am GMT+0430

wet/cold — dry/warm

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

03-10-2026/(0345 to 0412) GMT
03-10-2026/(0915 to 0942) IST



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

03-10-2026/(0345 to 0412) GMT
03-10-2026/(0915 to 0942) IST