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

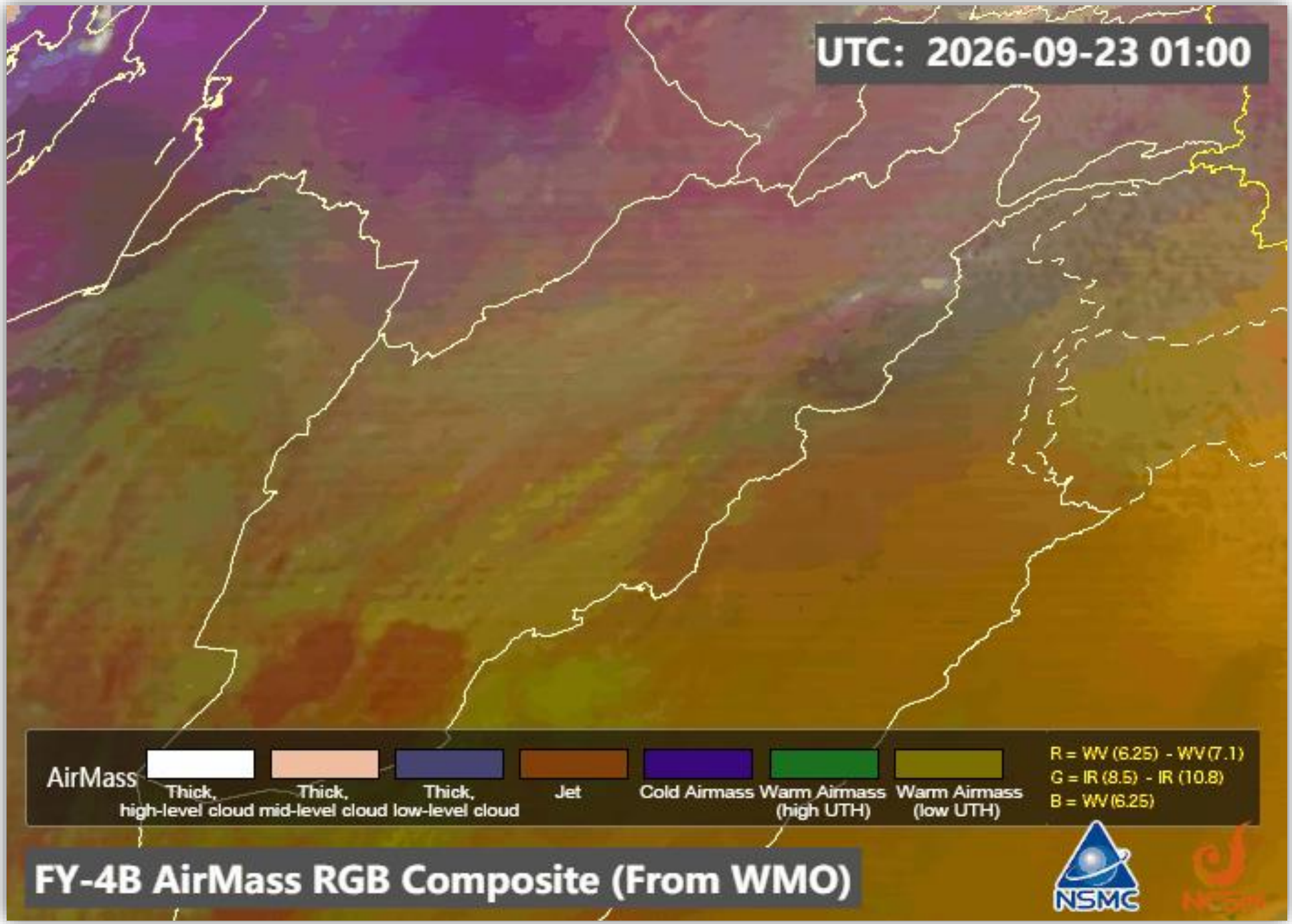
Daily reports of Satellite imagery analysis. Date & Time: 23-09-2026, 03:00 UTC

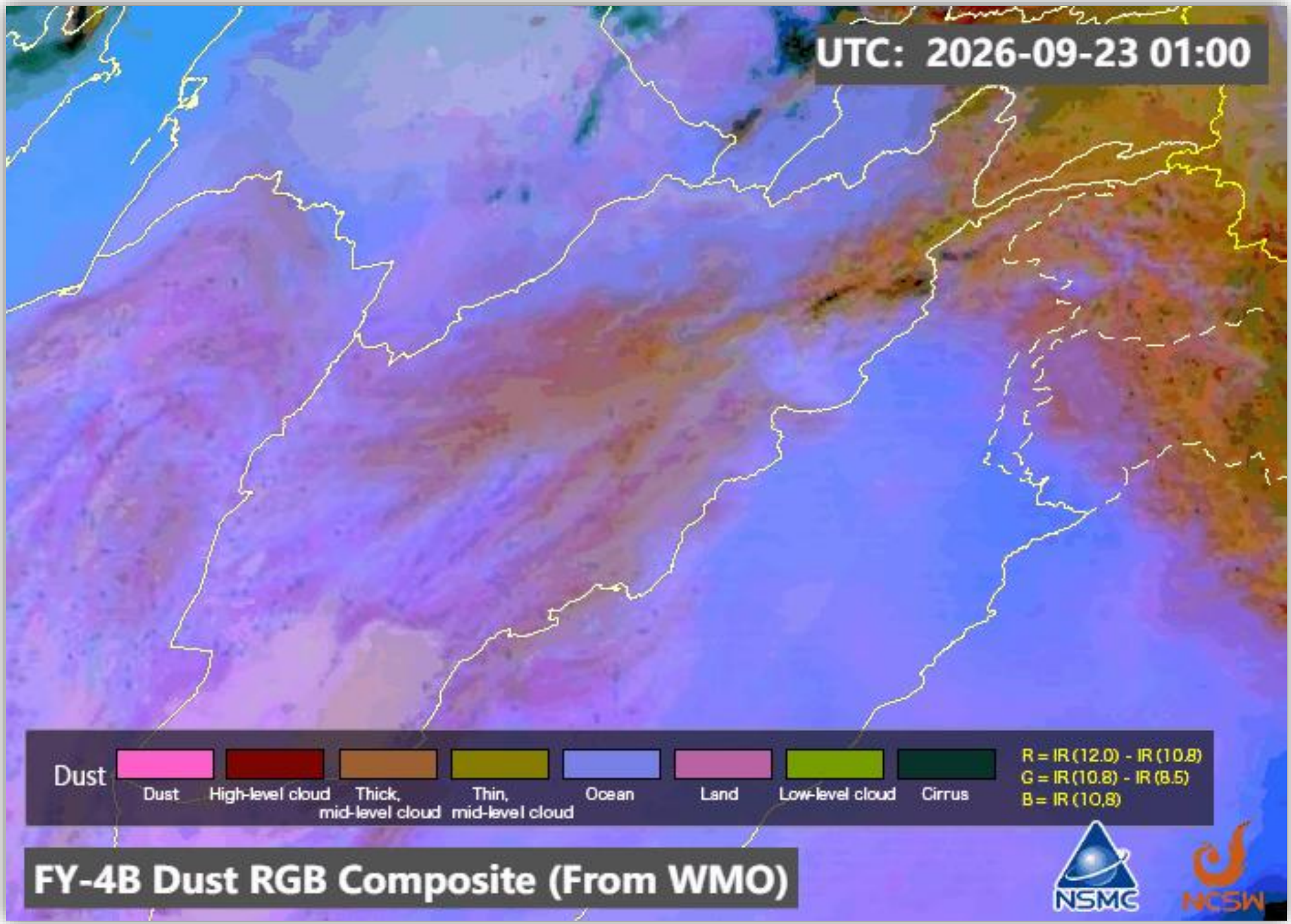
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	✓	X	X	
2	South	✓	✓	X	X	X	✓	X	X	
3	West	✓	✓	X	X	X	✓	X	X	
4	East	✓	X	X	X	X	✓	X	X	
5	central	✓	✓	X	X	X	✓	X	X	
6	Northeast	✓	X	X	X	X	✓	X	X	
7	Southeast	✓	X	X	X	X	✓	X	X	
8	Northwest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

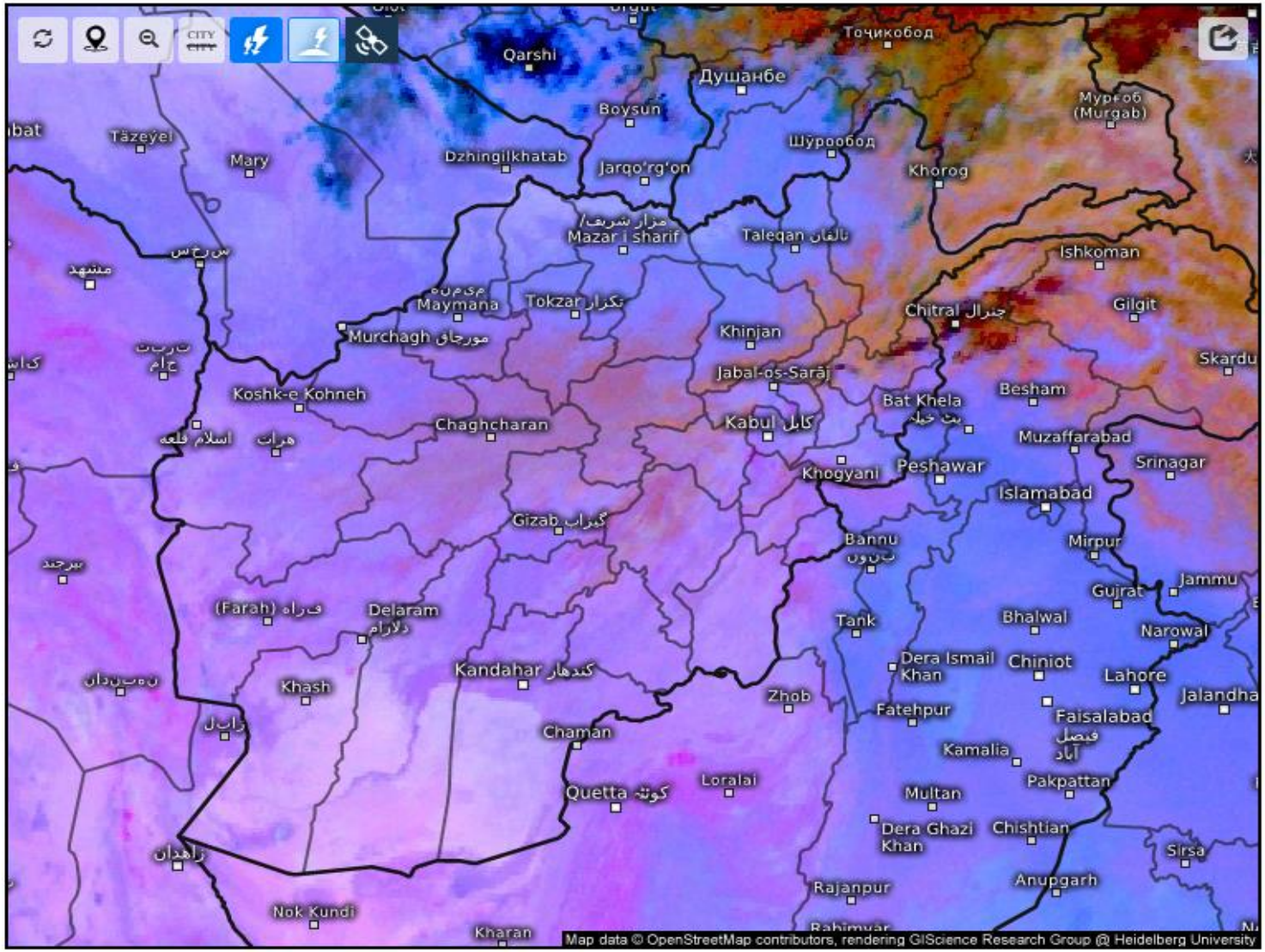
Details: according to satellite imagery analysis, the northern eastern, and northeastern areas have cold air mass. The southern, western, central, southeastern, northwestern, and southwestern areas have warm air mass. The southern, western, central, northwestern, and southwestern areas have weak dust.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

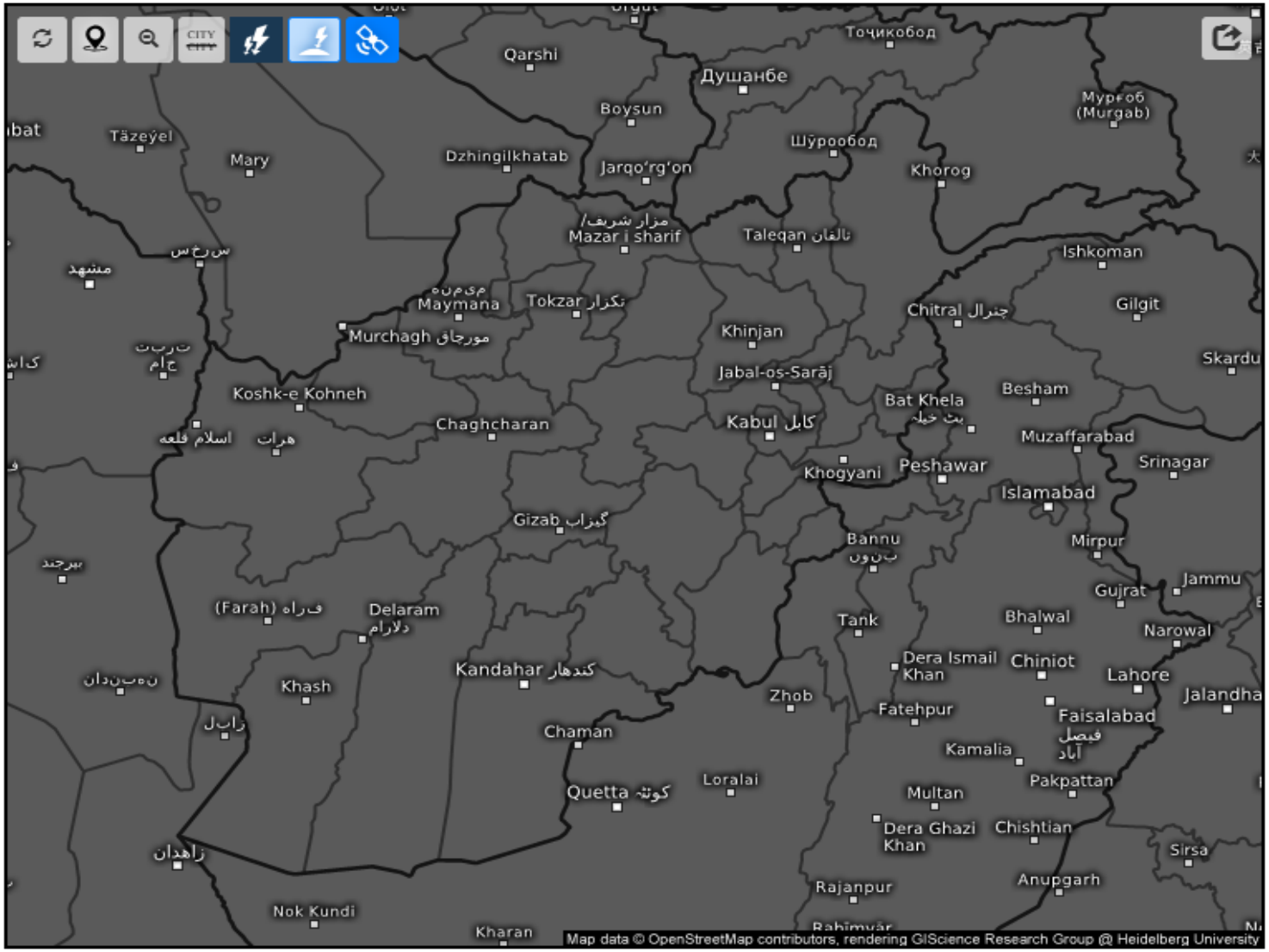

UTC: 2026-09-23 01:00
AirMass
Thick, high-level cloud
Thick, mid-level cloud
Thick, low-level cloud
Jet
Cold Airmass
Warm Airmass (high UTH)
Warm Airmass (low UTH)
R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)
FY-4B AirMass RGB Composite (From WMO)
NSMC


UTC: 2026-09-23 01:00
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

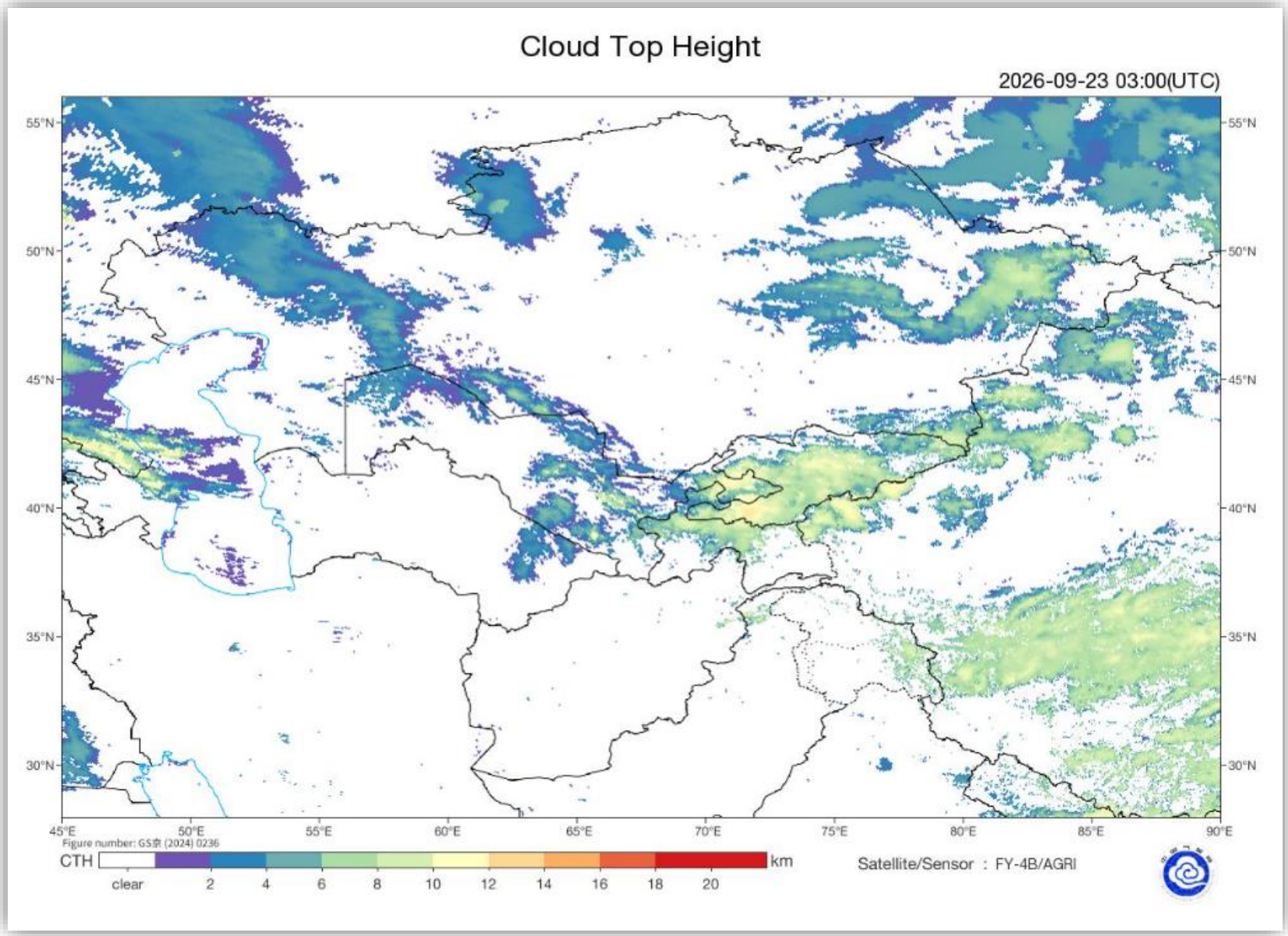
Wed 09/23/2026, 07:30am GMT+0430



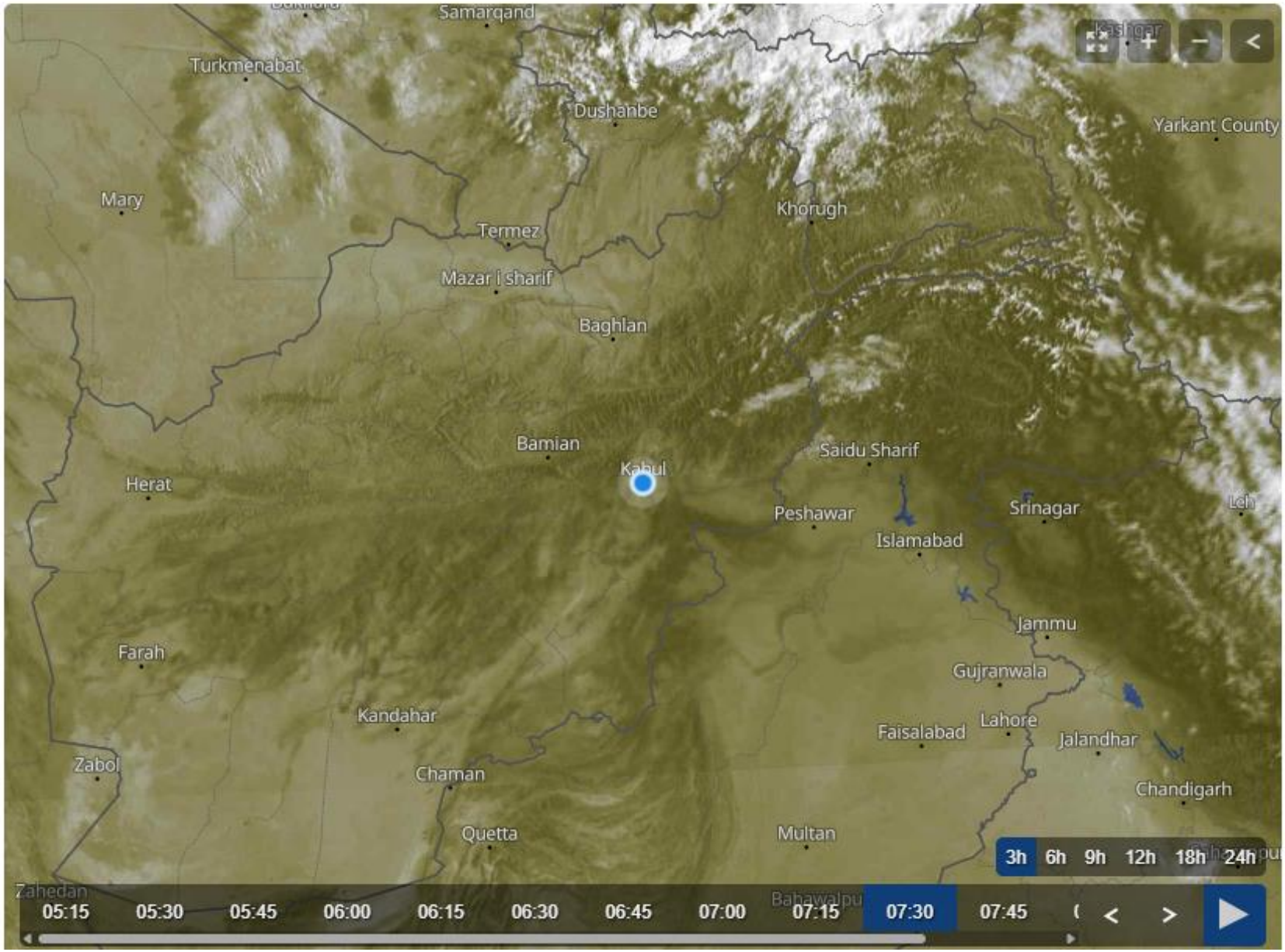
Age of lightning (minutes)

Wed 09/23/2026, 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
2026-09-23 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: GSfr (2024) 0236
CTH
clear
2
4
6
8
10
12
14
16
18
20
km
Satellite/Sensor : FY-4B/AGRI

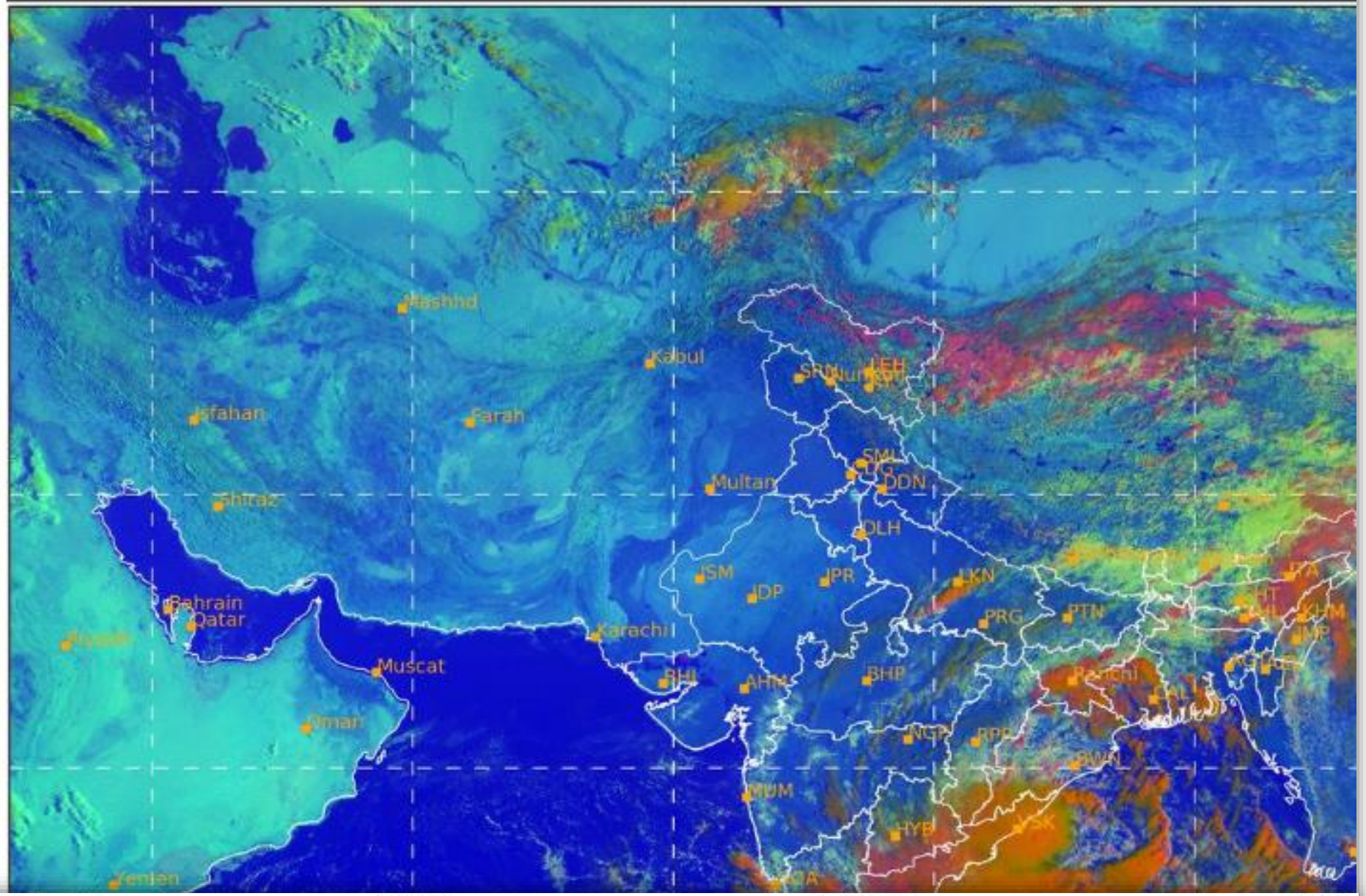
Live satellite map, Afghanistan



SAT : INSAT-3DR IMG 23-09-2026/(0315 to 0342) GMT

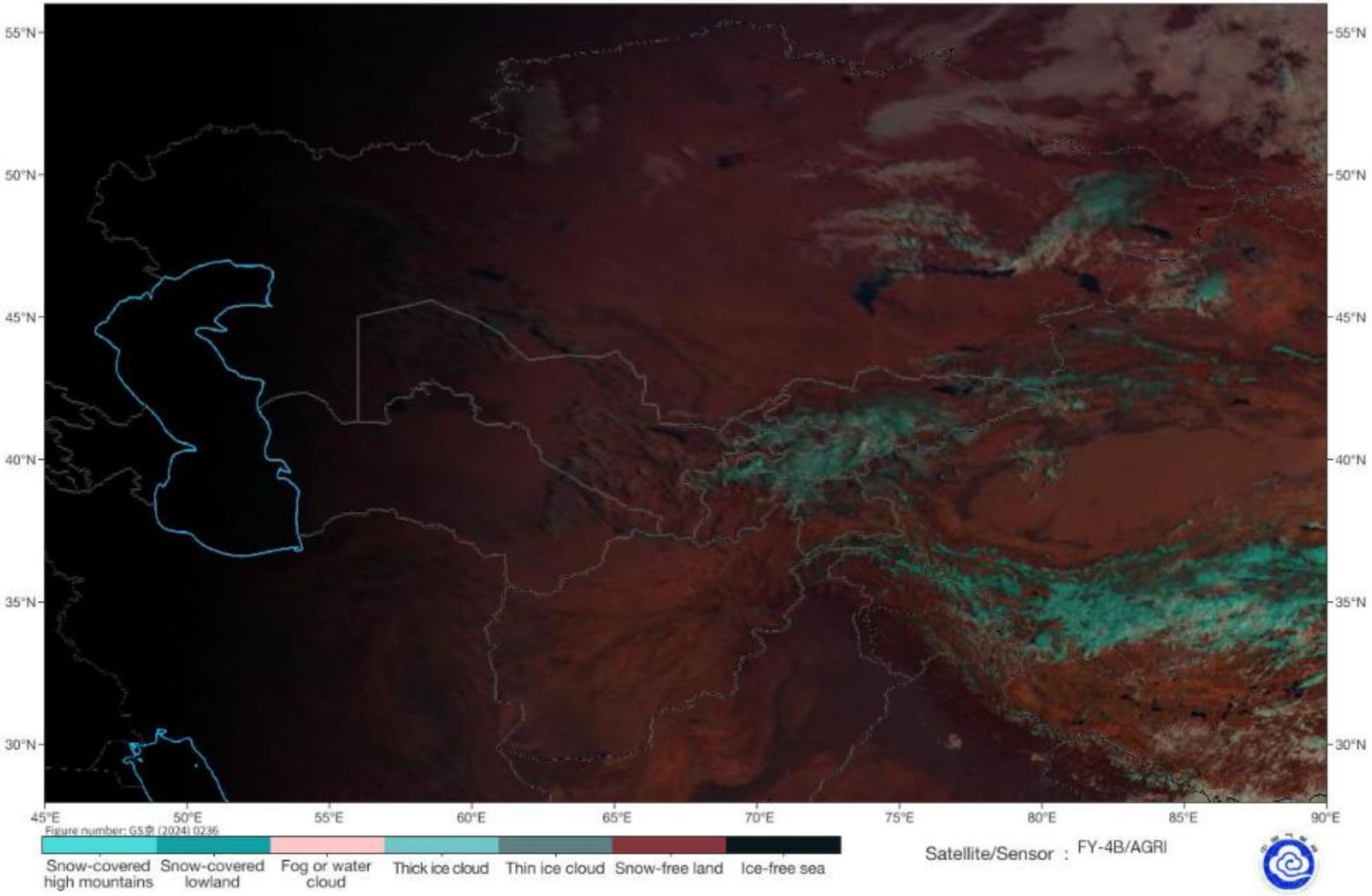
Day Microphysics: VIS_REFL (R), SWIR_REFL (G), TIR1_BT (B)

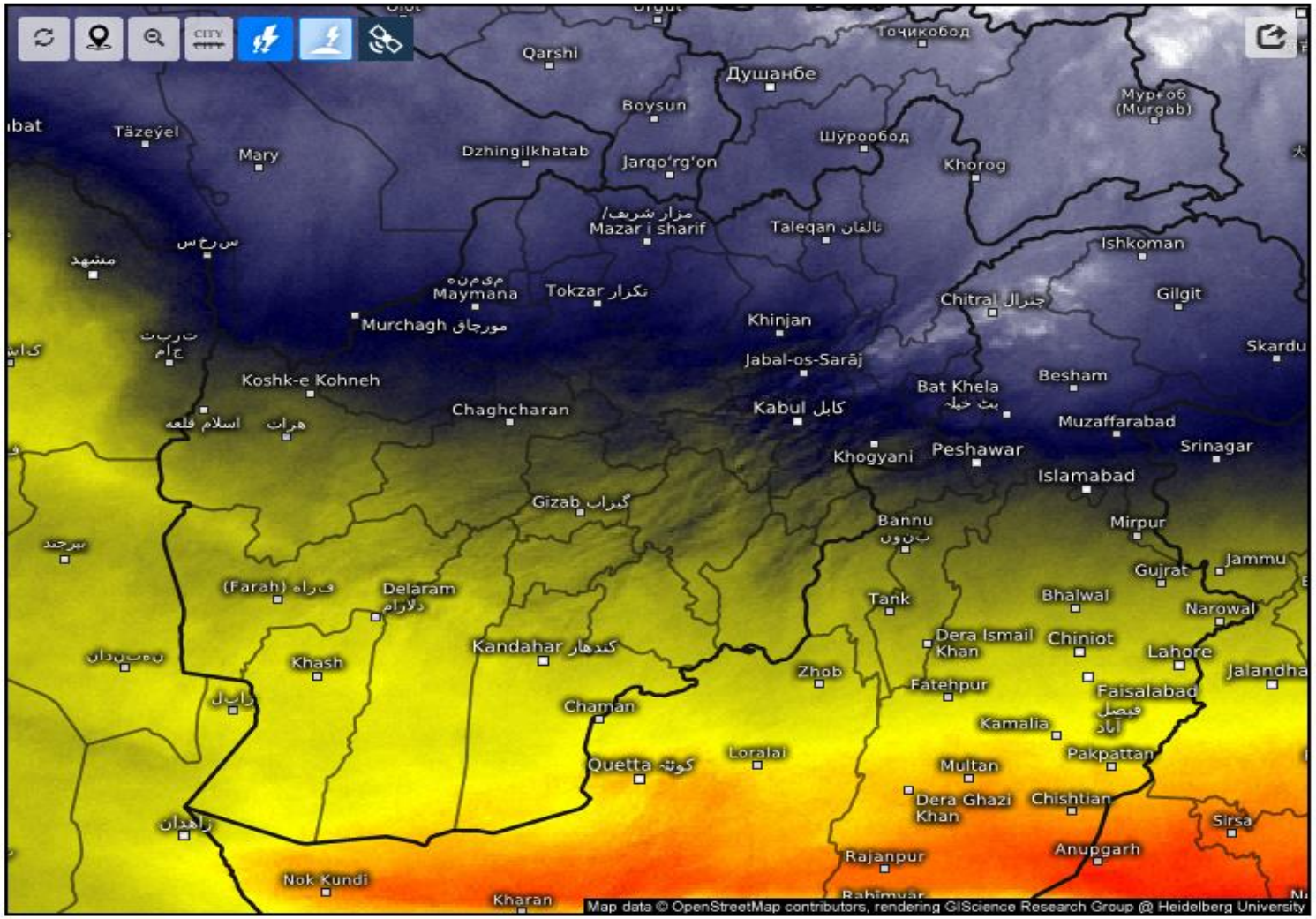
L1C Mercator 23-09-2026/(0845 to 0912) IST

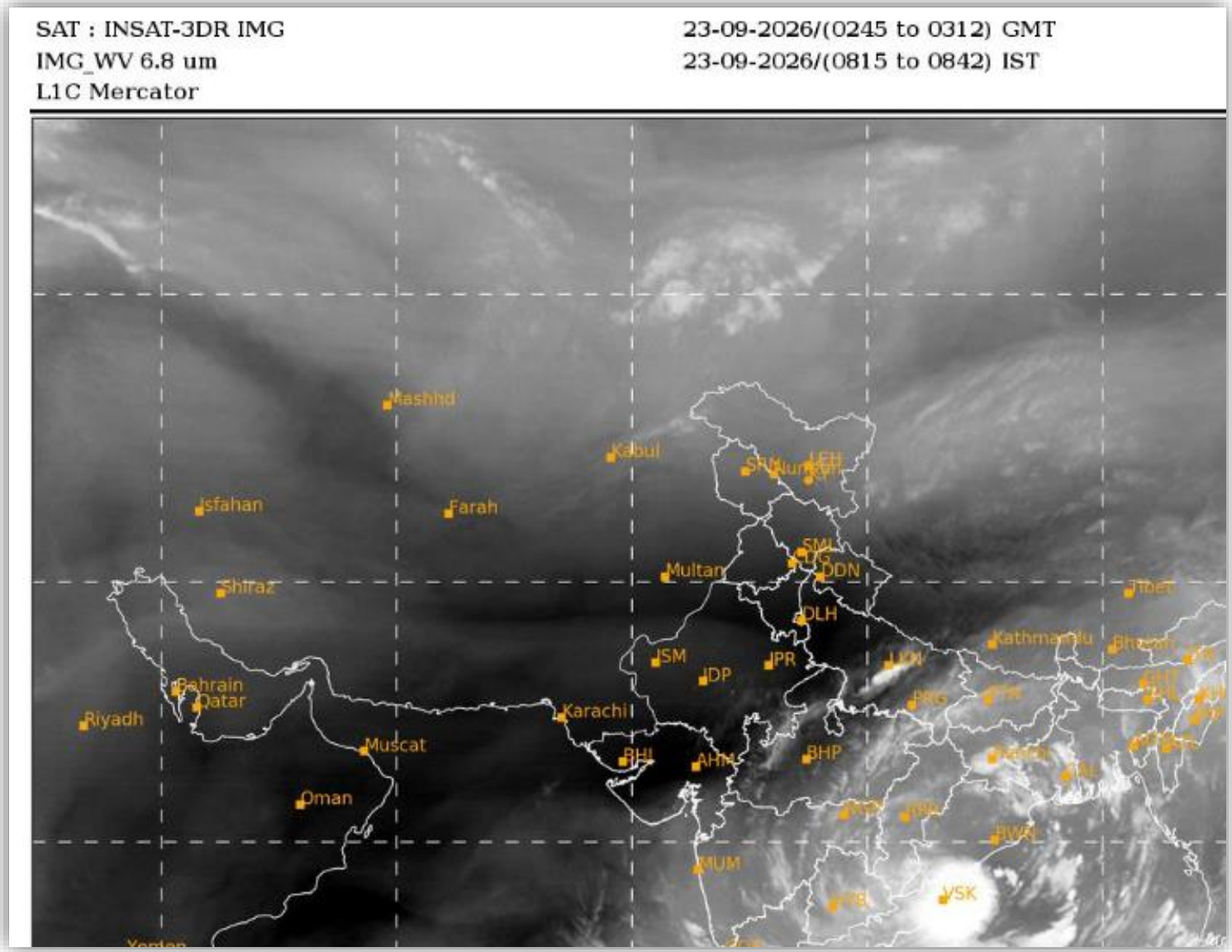


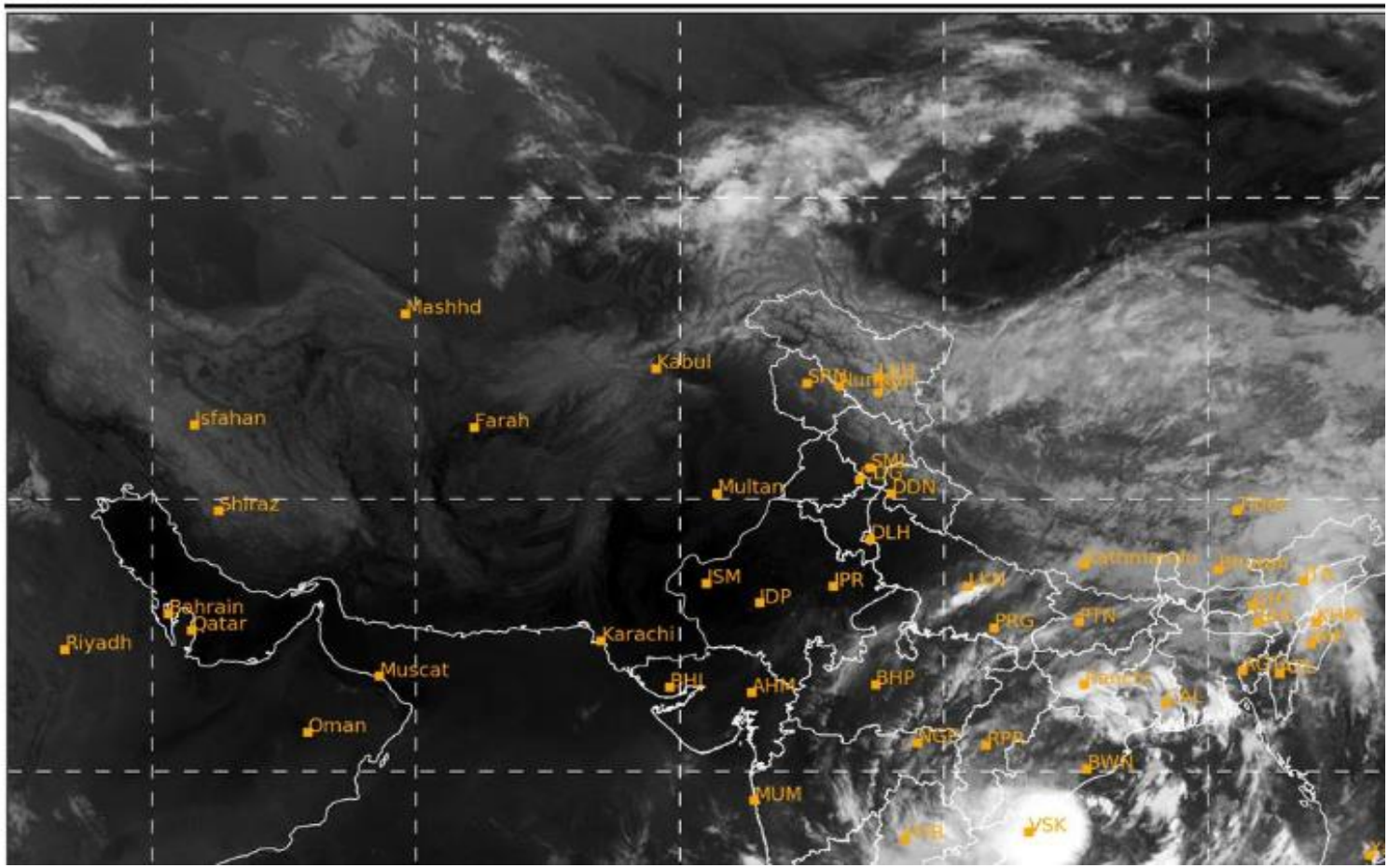
Fog Identification

2026-09-23 03:00(UTC)




Точикобод
Qarshi
Душанбе
Boysun
Мурғоб (Murgab)
Täzeýel
Mary
Dzhingilkhatab
Jarqo'rg'on
Шўрообод
Khorog
Mazar i sharif
Taleqan
Ishkoman
Maymana
Tokzar
Chitral
Gilgit
Murchagh
Khinjan
Skardu
Jabal-os-Sarāj
Besham
Koshk-e Kohneh
Bat Khela
Chaghcharan
Kabul
Muzaffarabad
Khogyani
Peshawar
Srinagar
Islamabad
Gizab
Bannu
Mirpur
Jammu
Gujrat
(Farah)
Delaram
Tank
Bhalwal
Narowal
Dera Ismail Khan
Chiniot
Lahore
Kandahar
Khash
Zhob
Fatehpur
Faisalabad
Chaman
Kamalia
Pakpattan
Quetta
Loralai
Multan
Dera Ghazi Khan
Chishtian
Sirsa
Rajanpur
Anupgarh
Nok Kundi
Kharan
Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University
Satellite Water Vapor
Wed 09/23/2026, 07:30am GMT+0430
wet/cold
dry/warm


SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator
23-09-2026/(0245 to 0312) GMT
23-09-2026/(0815 to 0842) IST
Mashhd
Kabul
Isfahan
Farah
Multan
Shiraz
DLH
Kathmandu
Bahrain
Qatar
Riyadh
Karachi
Muscat
Oman
BHP
MUM
VSK

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

23-09-2026/(0245 to 0312) GMT
23-09-2026/(0815 to 0842) IST