Islamic Emirate of Afghanistan

Ministry of Transport & Aviation

Afghanistan Meteorological Department

Forecast Division

Satellite General Management

Daily reports of Satellite imagery analysis. Date & Time: 22-09-2026, 11:00 UTC

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

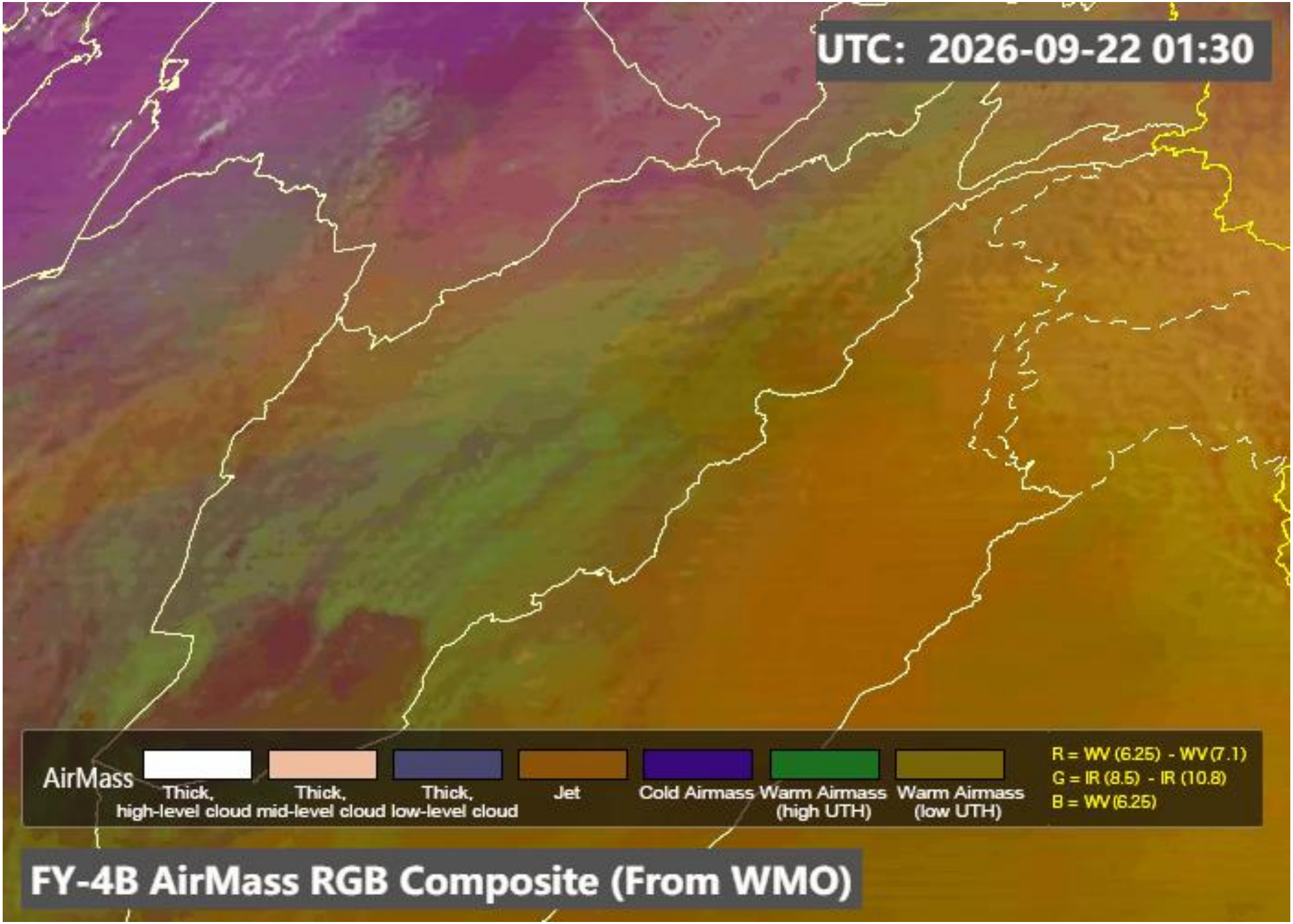
Details: according to satellite imagery analysis, the southern, eastern, central, northeastern and southeastern regions have weak warm air mass. The northern, western, northwestern and southwestern regions have clod air mass. The southern, western, northwestern and southwestern regions have dust storm. The northern, eastern, northeastern and southeastern regions have cloudy sky. The southern, western, southeastern, southwestern regions have weak water vapor, the northern, eastern, central, northeastern and northwestern regions have moderate water vapor.

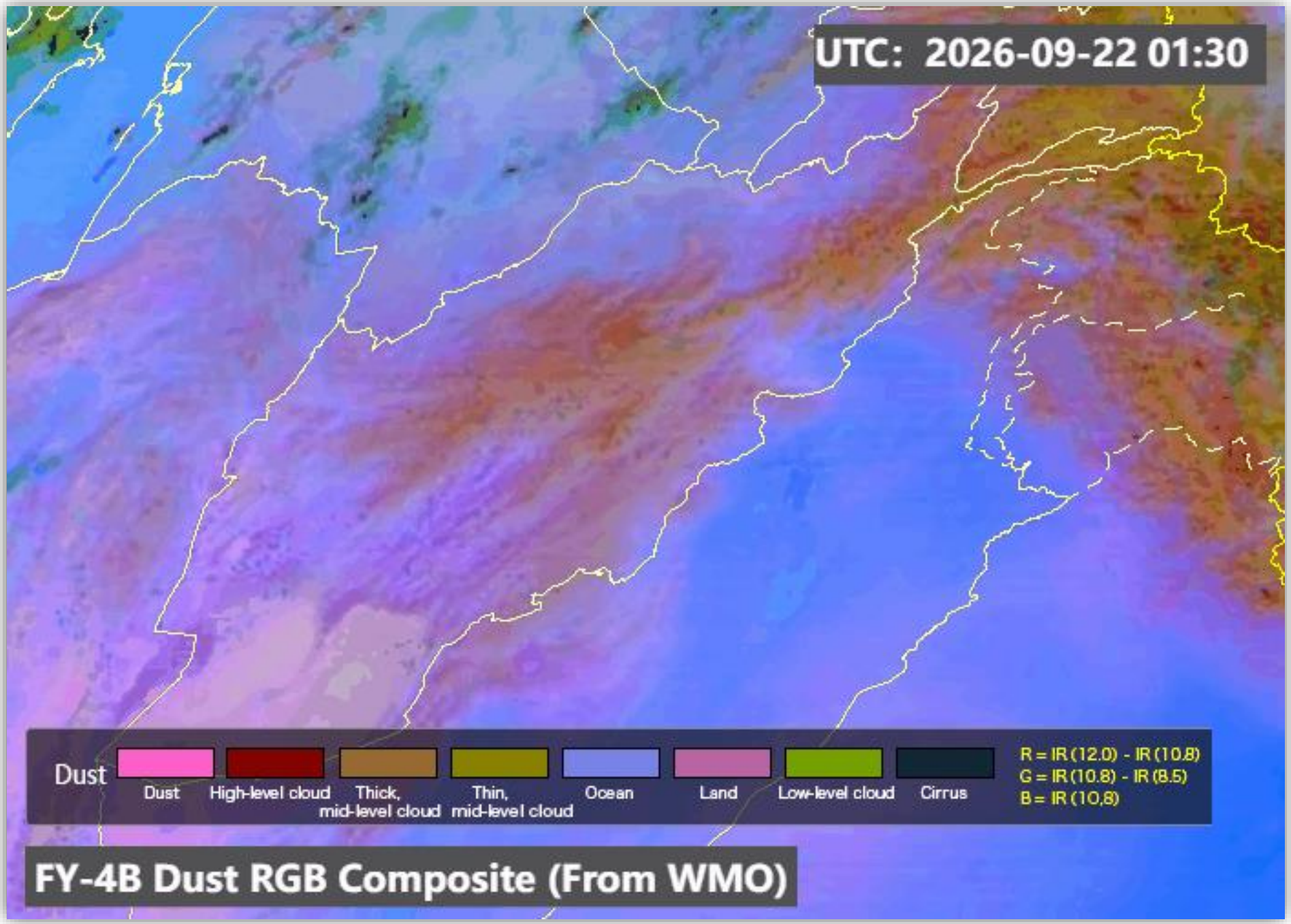
Not: ✓(existing phenomena) X (Not existing phenomena)

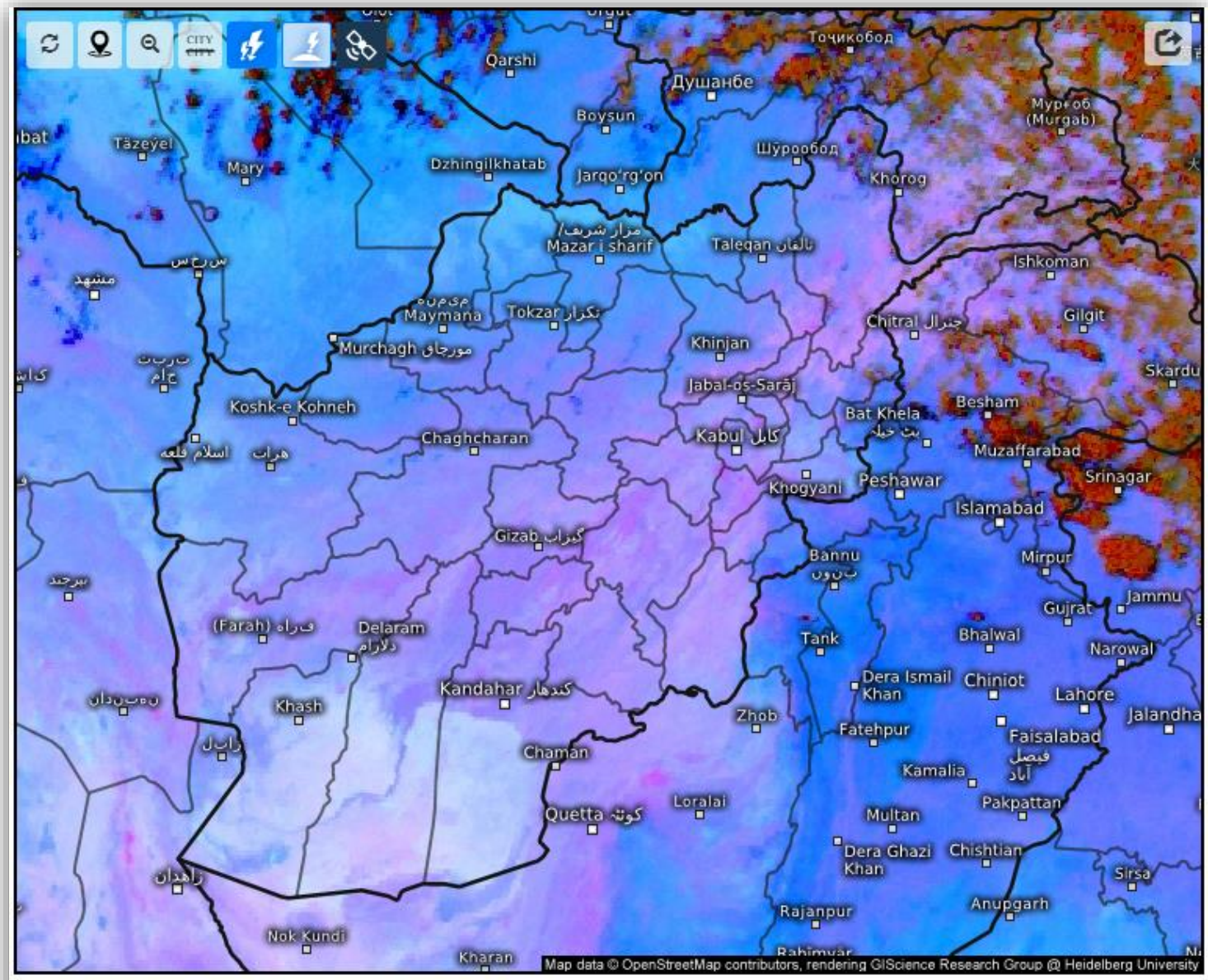
Reported by: Esmatullah Mohammadi

Legend:

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

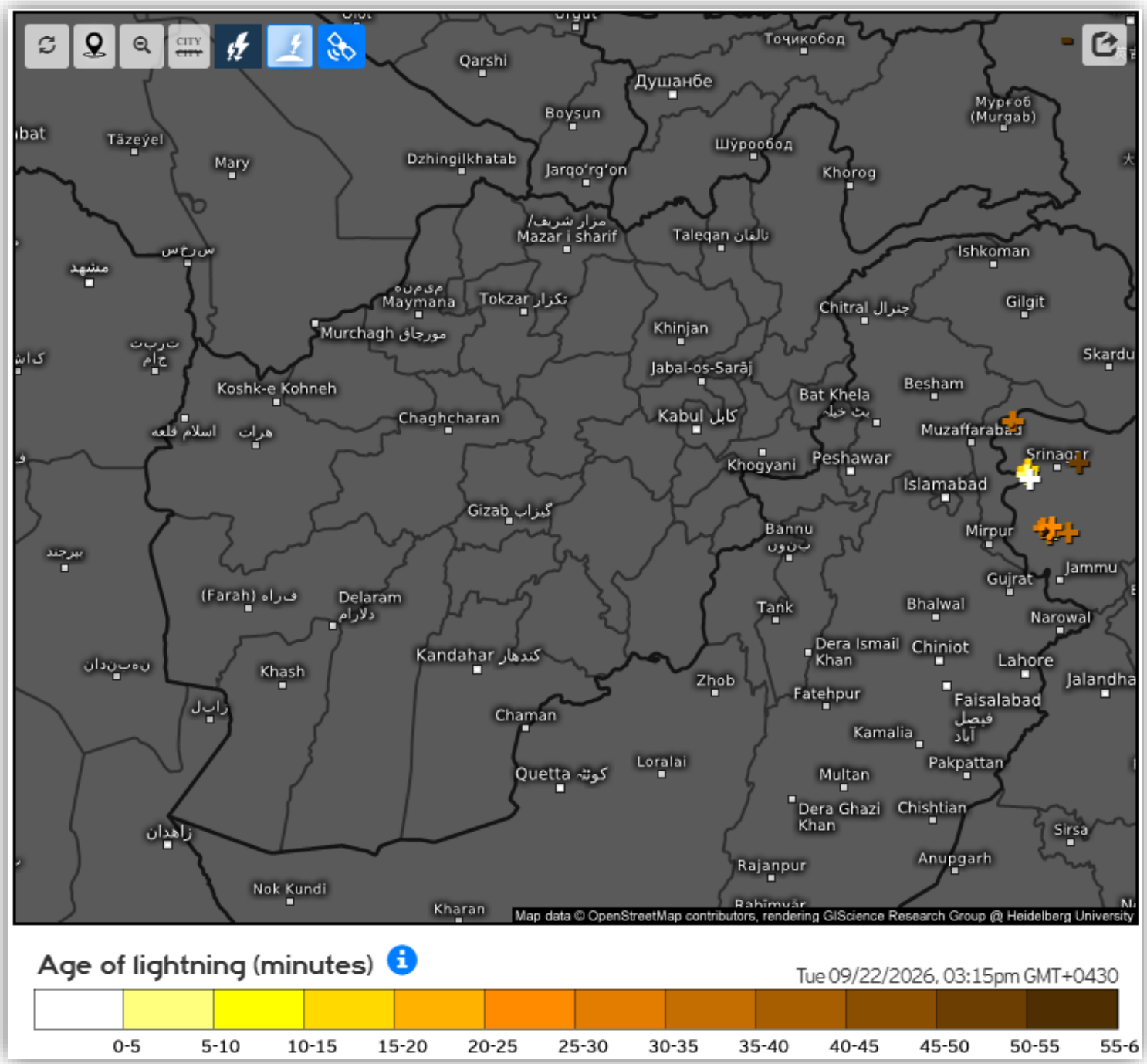

UTC: 2026-09-22 01:30
AirMass
Thick, high-level cloud
Thick, mid-level cloud
Thick, low-level cloud
Jet
Cold Airmass
Warm Airmass (high UTH)
Warm Airmass (low UTH)
R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)
FY-4B AirMass RGB Composite (From WMO)

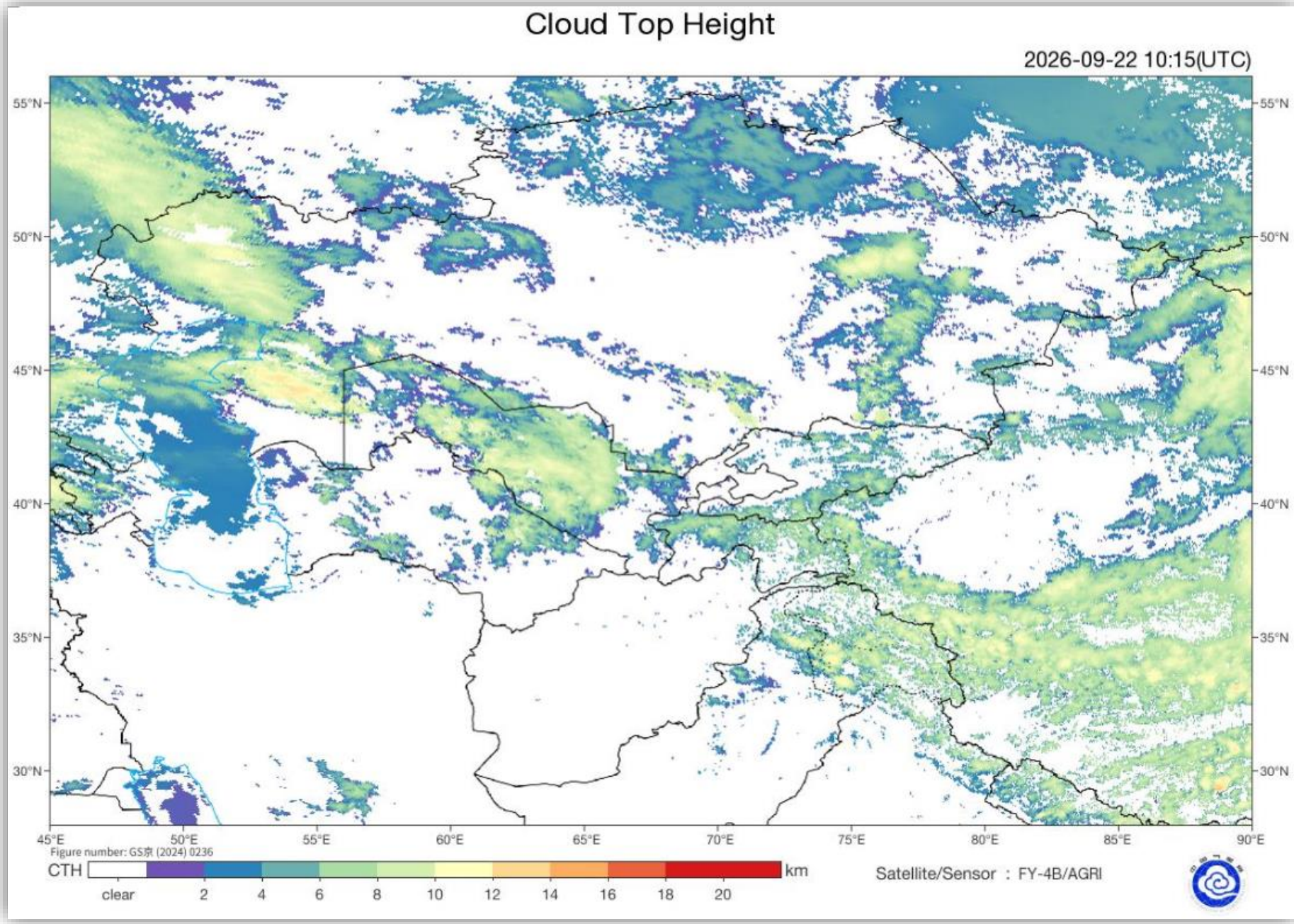

UTC: 2026-09-22 01:30
Dust
Dust
High-level cloud
Thick, mid-level cloud
Thin, mid-level cloud
Ocean
Land
Low-level cloud
Cirrus
R = IR (12.0) - IR (10.8)
G = IR (10.8) - IR (8.5)
B = IR (10.8)
FY-4B Dust RGB Composite (From WMO)



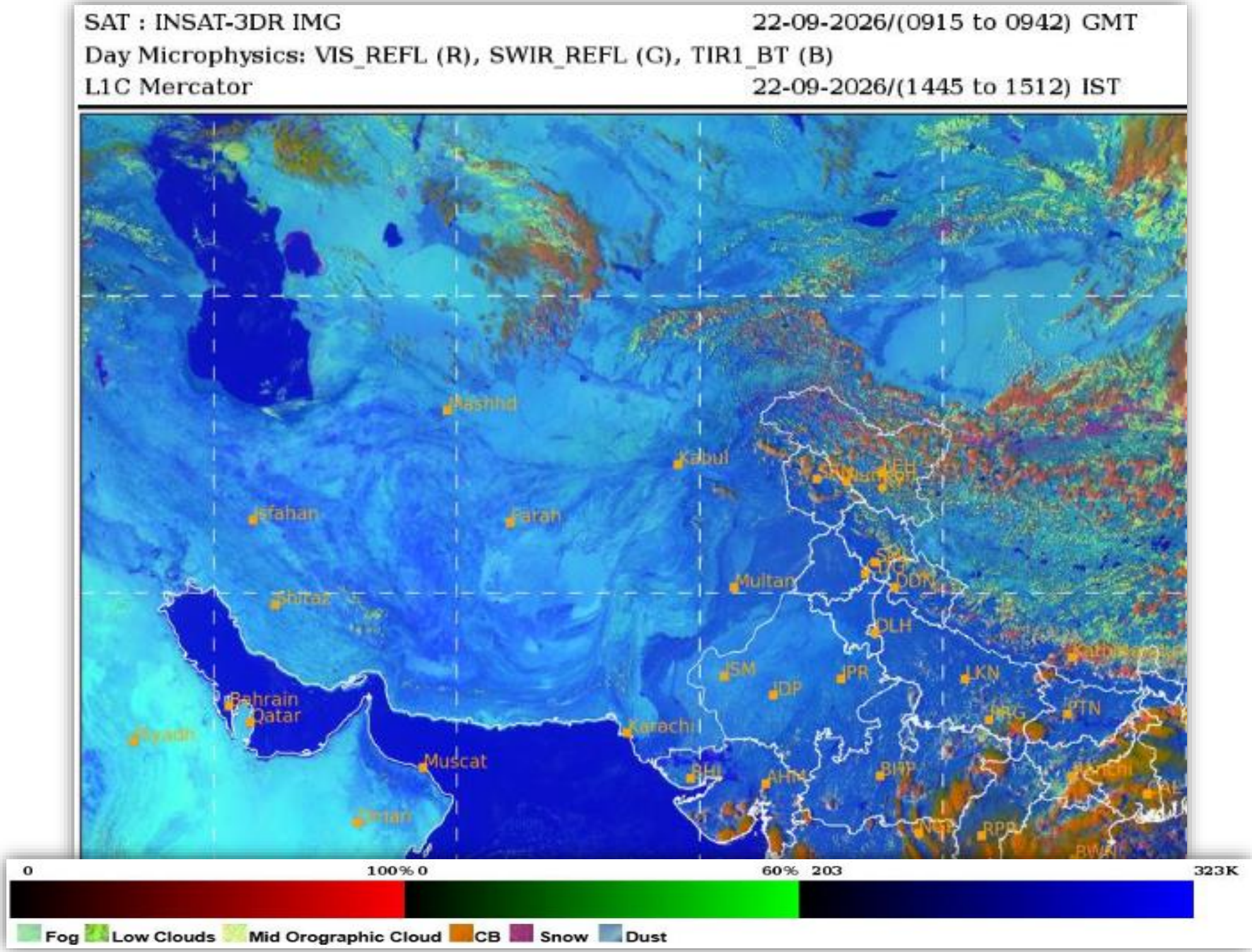
Satellite Dust

Tue 09/22/2026, 03:00pm GMT+0430


Точикобод
Qarshi
Душанбе
Boysun
Мурғоб (Murgab)
Täzeýel
Mary
Dzhingilkhatab
Jarqo'rg'on
Шўрообод
Khorog
مزار شریف/ Mazar i sharif
Taleqan تالقان
Ishkoman
مشهد
Maymana
Tokzar تکزار
Chitral چترال
Gilgit
Murchagh مورچاق
Khinjan
Skardu
Jabal-os-Sarāj
Besham
Koshk-e Kohneh
Bat Khela
Chaghcharan
Kabul کابل
Muzaffarabad
اسلام قلعه
هرات
Khogyani
Peshawar
Srinagar
Islamabad
Gizab گیزاب
Bannu
Mirpur
Jammu
Gujrat
(Farah) فراه
Delaram
Tank
Bhalwal
Narowal
Dera Ismail Khan
Chiniot
Lahore
Kandahar کندهار
Khash
Zhob
Jalandha
Fatehpur
Faisalabad
Chaman
Kamalia
Loralai
Pakpattan
Quetta کوئٹه
Multan
Dera Ghazi Khan
Chishtian
Sirsa
Rajanpur
Anupgarh
Nok Kundi
Kharan
Map data © OpenStreetMap contributors, rendering GIScience Research Group @ Heidelberg University
Age of lightning (minutes)
Tue 09/22/2026, 03:15pm 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

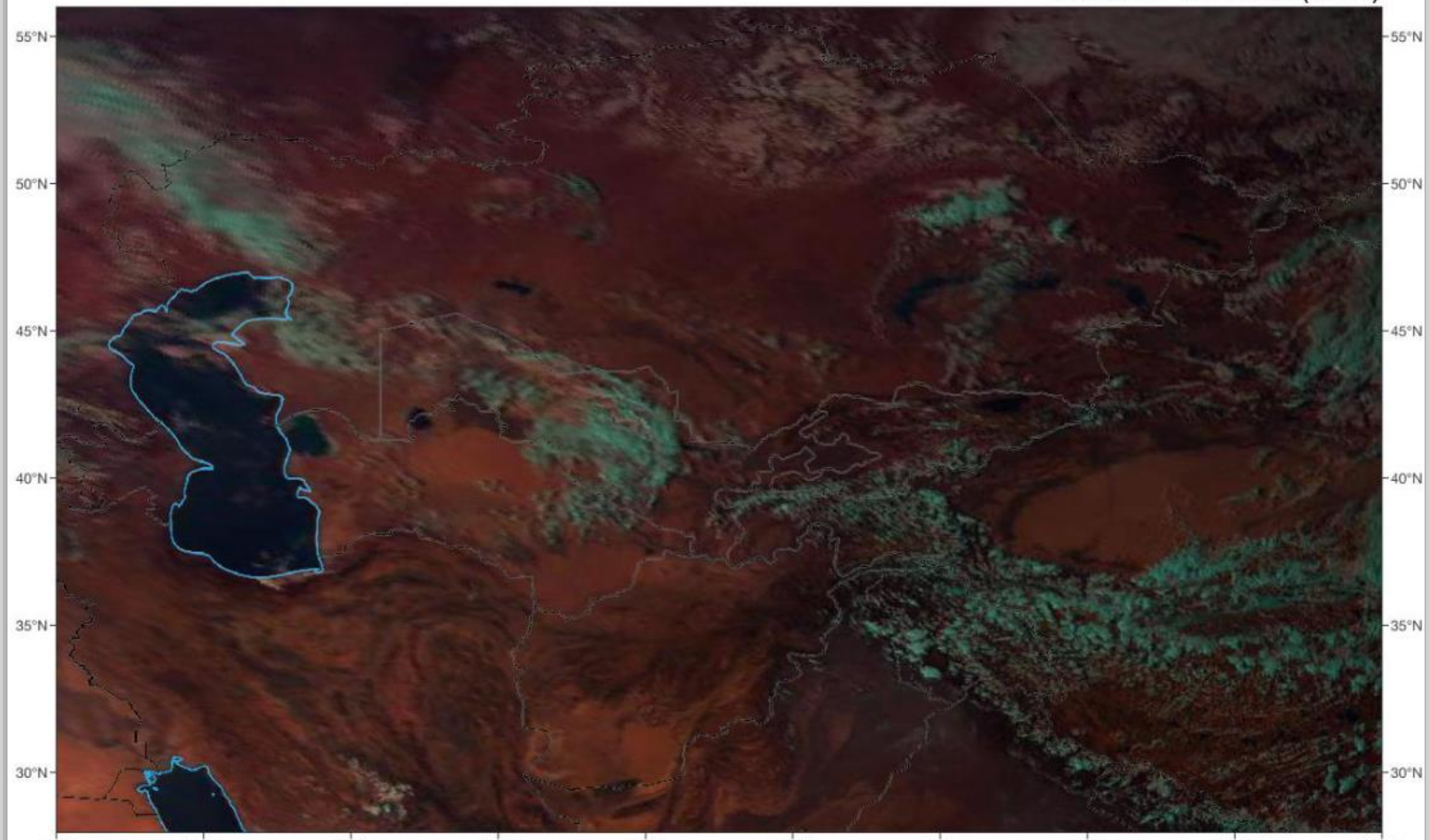

Cloud Top Height
2026-09-22 10:15(UTC)
55°N
50°N
45°N
40°N
35°N
30°N
45°E
50°E
55°E
60°E
65°E
70°E
75°E
80°E
85°E
90°E
Figure number: GS京 (2024) 0236
CTH
clear
2
4
6
8
10
12
14
16
18
20
km
Satellite/Sensor ： FY-4B/AGRI

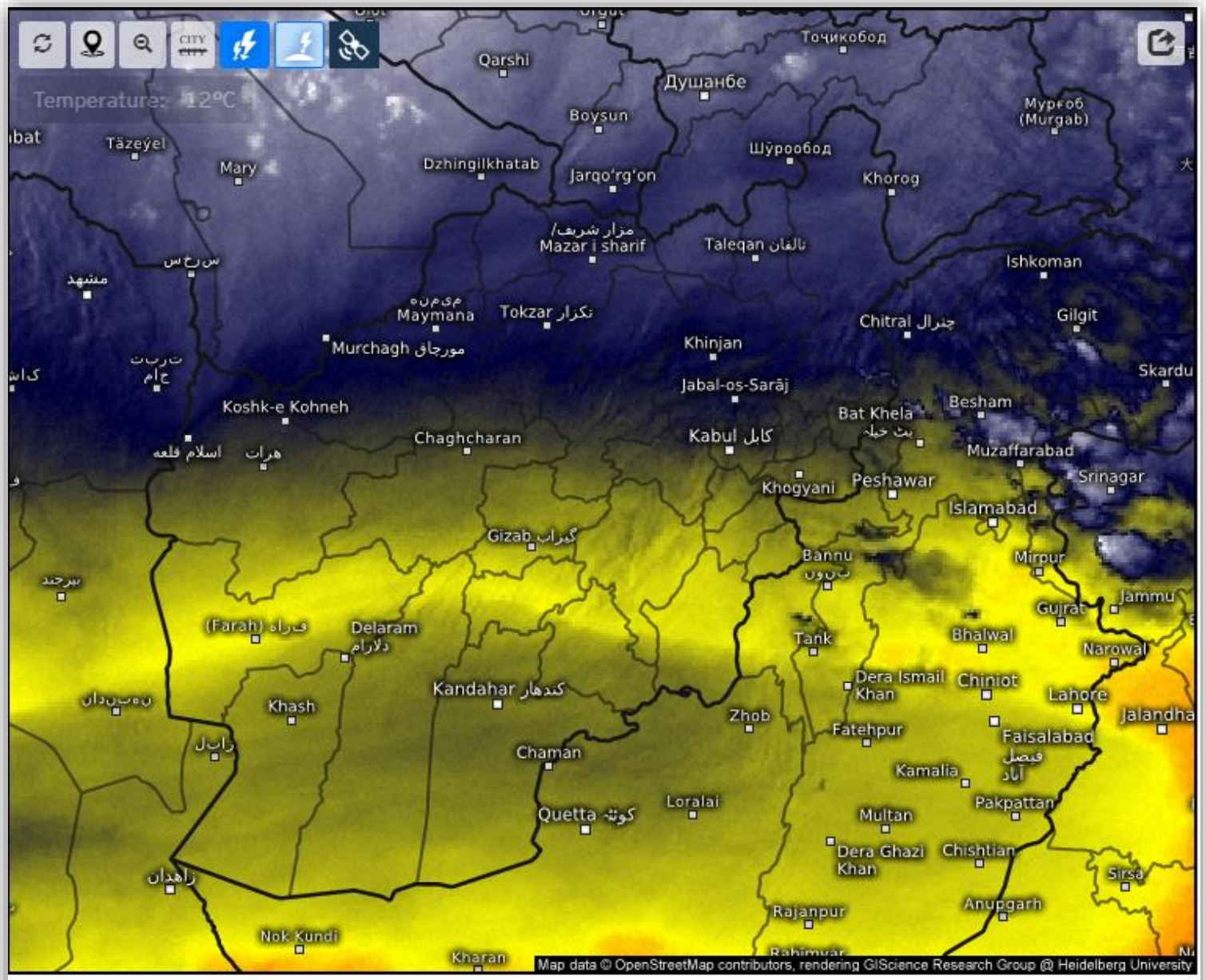
Live satellite map, Afghanistan


SAT : INSAT-3DR IMG
22-09-2026/(0915 to 0942) GMT
Day Microphysics: VIS_REFL (R), SWIR_REFL (G), TIR1_BT (B)
L1C Mercator
22-09-2026/(1445 to 1512) IST
Kabul
Farah
Multan
DLH
Bahrain
Qatar
Karachi
Muscat
0
100% 0
60% 203
323K
Fog
Low Clouds
Mid Orographic Cloud
CB
Snow
Dust

Fog Identification

2026-09-22 10:15(UTC)

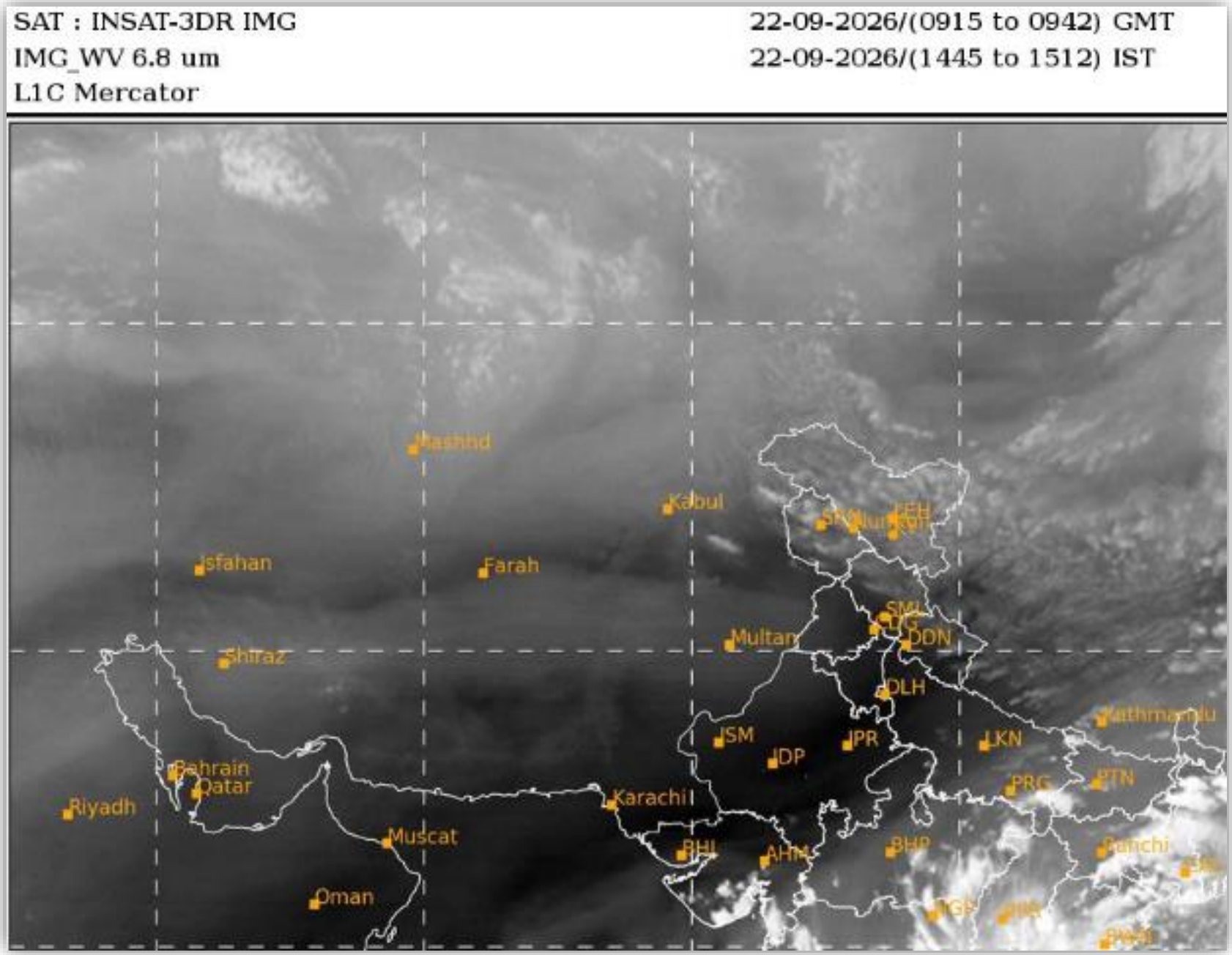


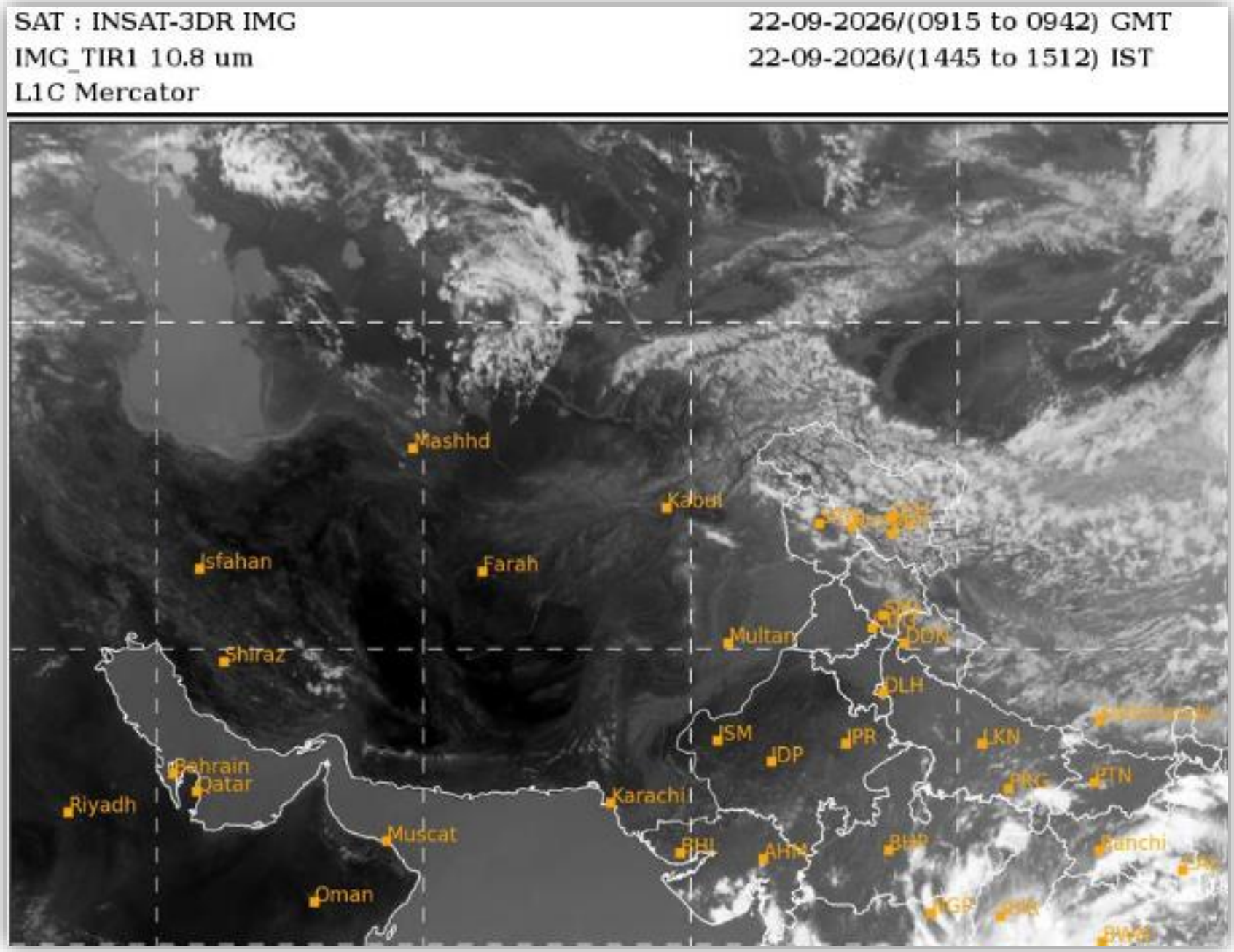


Satellite Water Vapor

Tue 09/22/2026, 03:00pm GMT+0430

wet/cold — dry/warm


SAT : INSAT-3DR IMG
IMG_WV 6.8 um
L1C Mercator
22-09-2026/(0915 to 0942) GMT
22-09-2026/(1445 to 1512) IST
Kabul
Farah
Isfahan
Shiraz
Multan
DDN
DLH
Bahrain
Qatar
Riyadh
Karachi
Muscat
Oman
PRG
Ranchi


SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator
22-09-2026/(0915 to 0942) GMT
22-09-2026/(1445 to 1512) IST
Mashhd
Kabul
Isfahan
Farah
Shiraz
Multan
DLH
JSM
JPR
LKN
DP
Bahrain
Qatar
Riyadh
Karachi
PTN
Muscat
Ranchi
Oman