



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



Daily reports of Satellite imagery analysis. Date & Time: 19-04-2026, 06:00 UTC

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

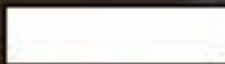
Details: according to satellite imagery analysis, the southern, western, northwestern, southwestern regions have cold air mass. The northern, eastern, central, northeastern, southeastern regions have warm air mass with (Low UTH). The western, central, northeastern, southwestern regions have cloudy sky. The northeastern regions have fog or water cloud. The southern, western, northeastern, southeastern, northwestern, southwestern regions have moderate water and the northern, eastern, central regions have weak water vapor.

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

Reported by: Esmatullah Mohammadi

UTC: 2026-04-18 20:30

AirMass



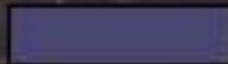
Thick,

high-level cloud



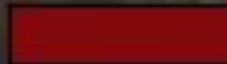
Thick,

mid-level cloud



Thick,

low-level cloud



Jet

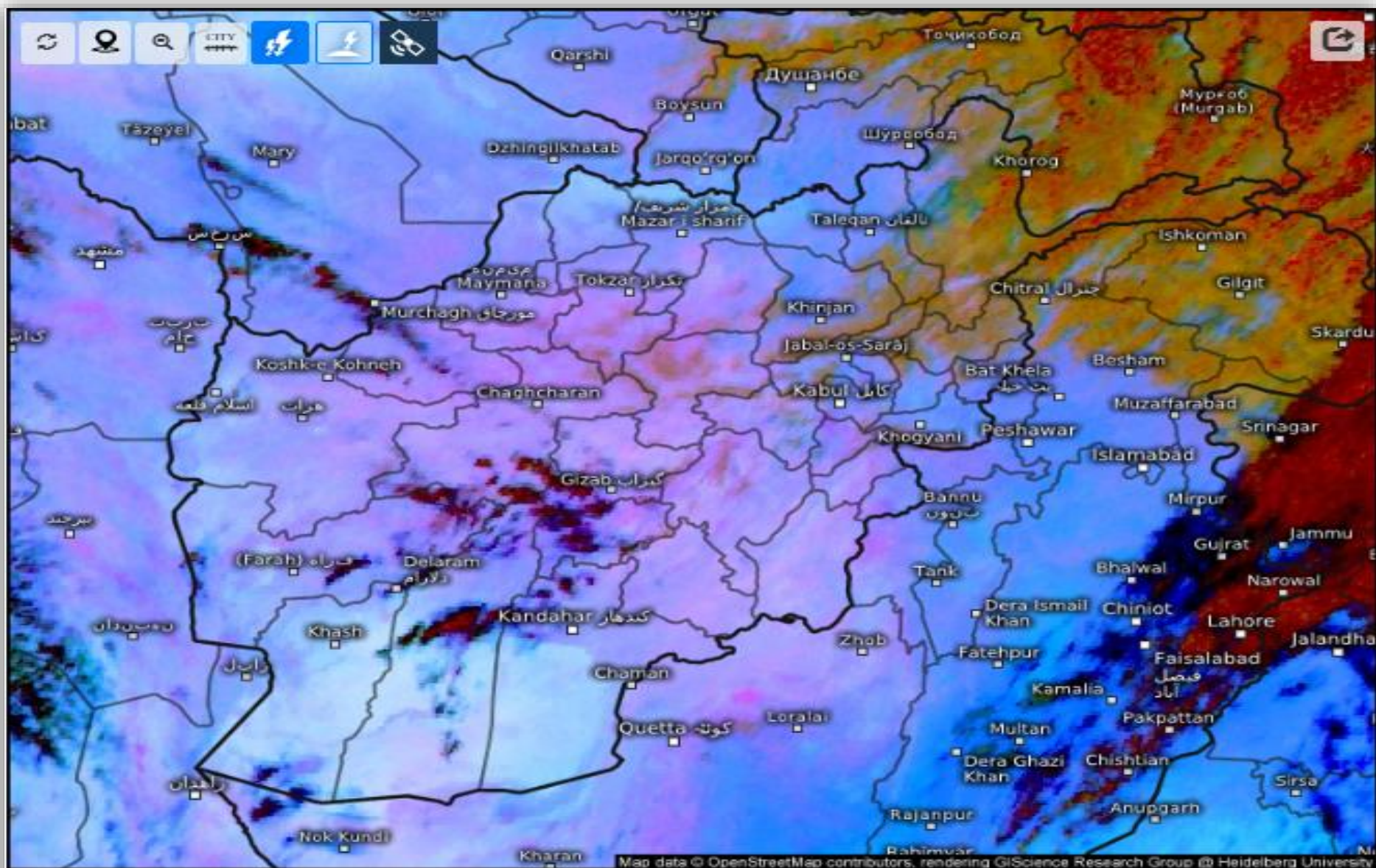


Cold Airmass



Warm Airmass
(high UTH)

FY-4B AirMass RGB Composite (From WMO)



Satellite Dust

Sun 04/19/2026, 10:00am GMT+0430

Cloud Top Height

2026-04-19 05:30(UTC)

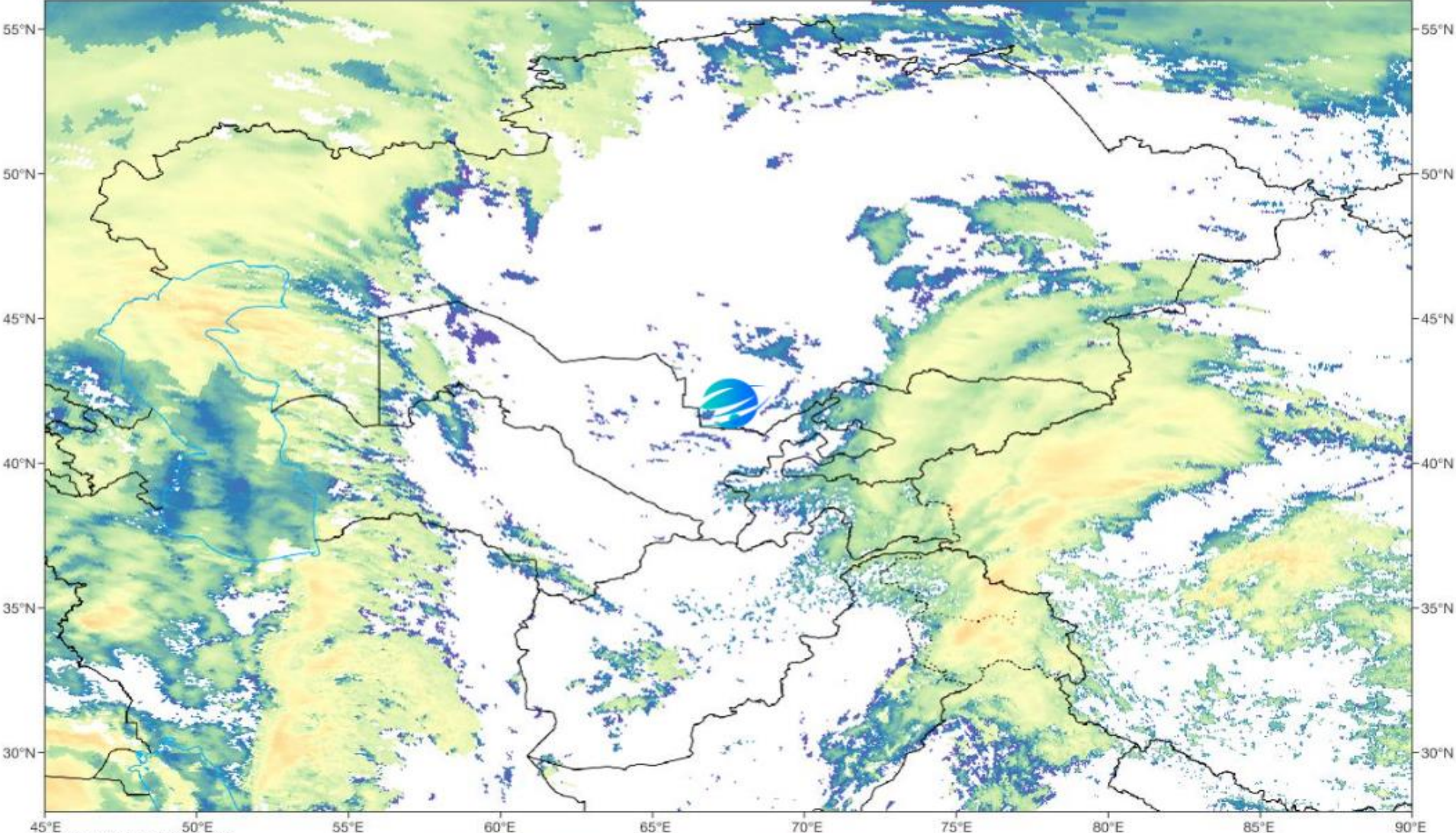
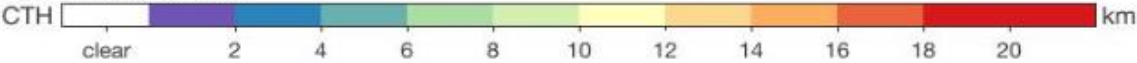


Figure number: GS京 (2024) 0236



Satellite/Sensor : FY-4B/AGRI

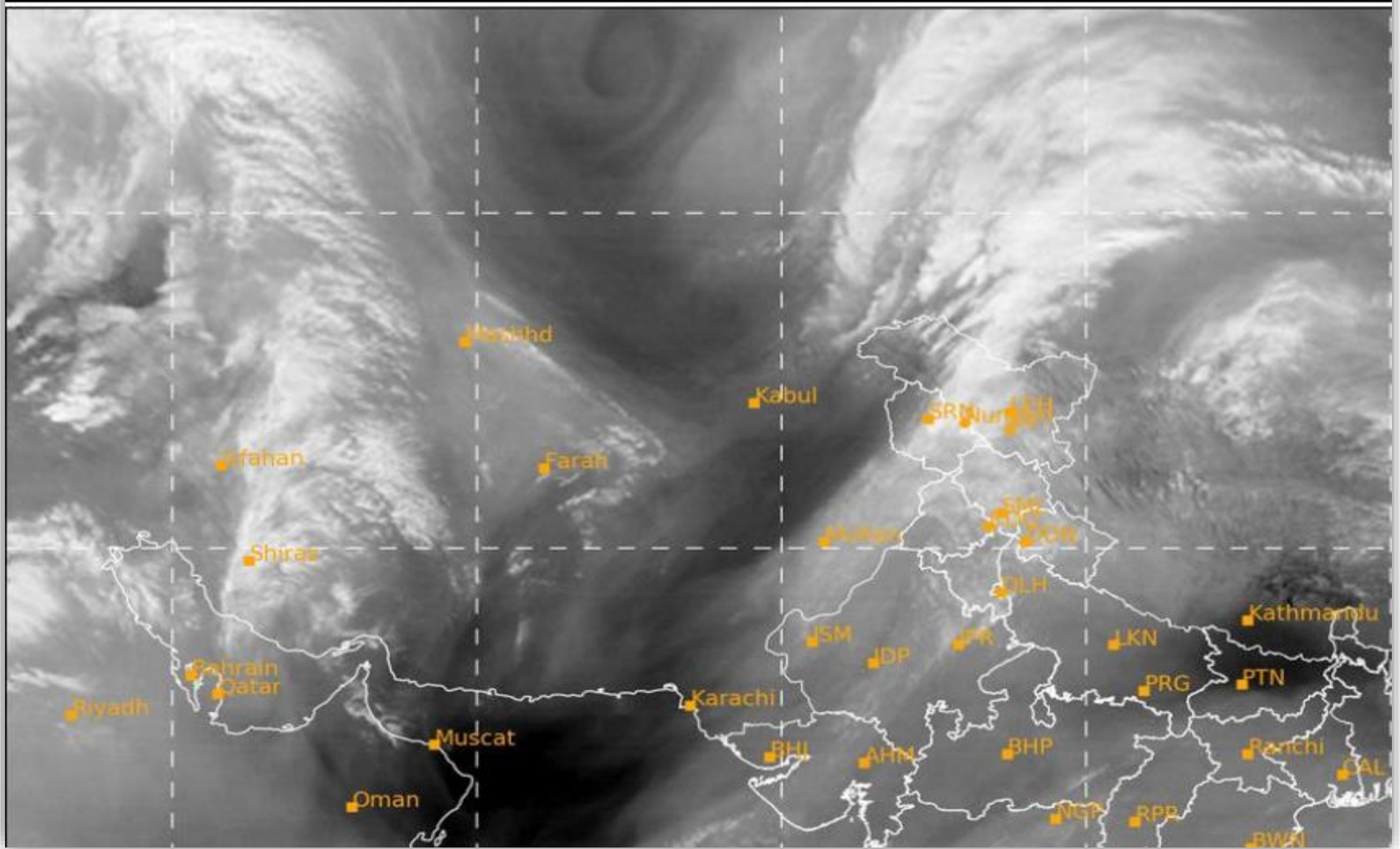


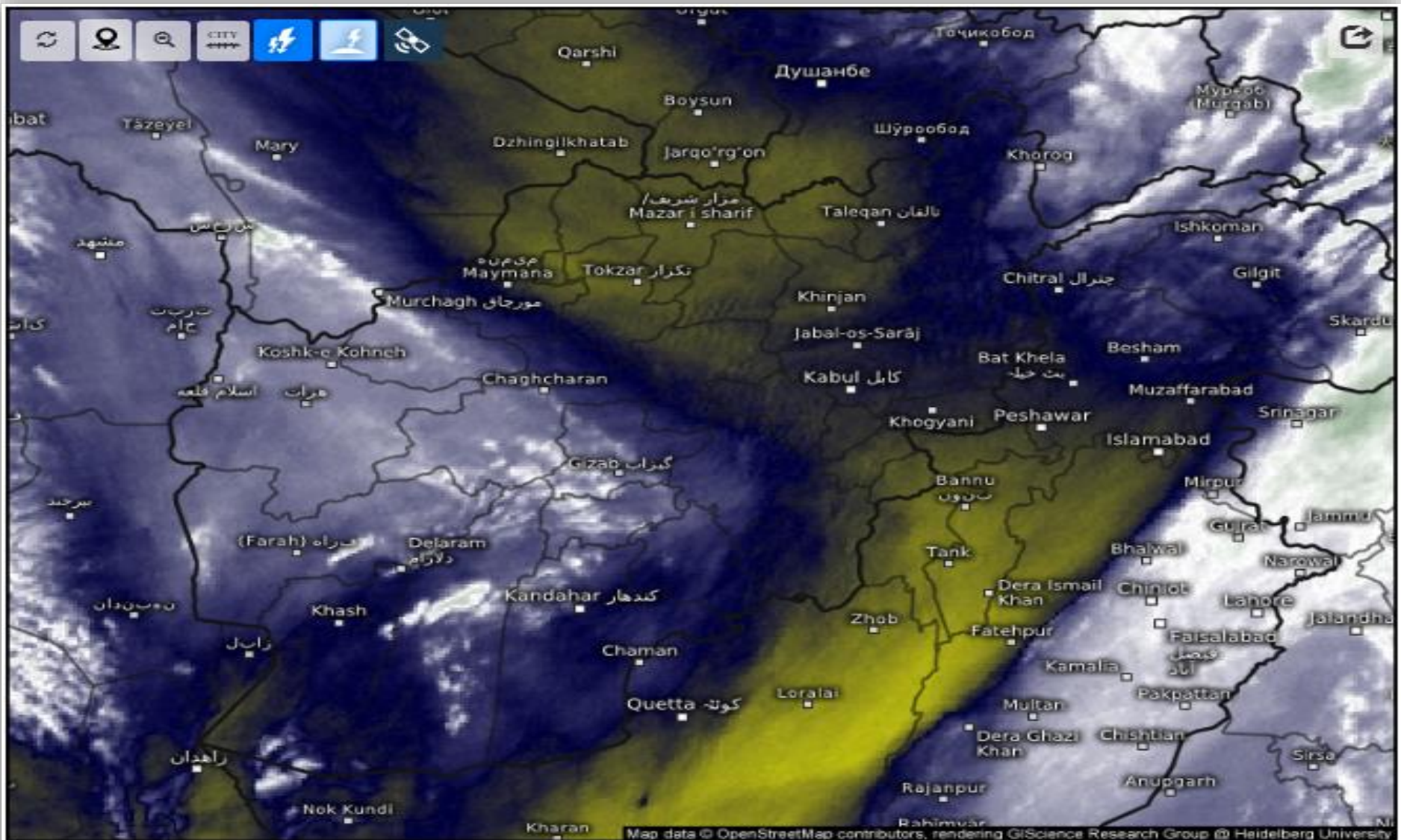
Live satellite map, Afghanistan



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

19-04-2026/(0445 to 0512) GMT
19-04-2026/(1015 to 1042) IST





Satellite Water Vapor i

Sun 04/19/2026, 10:00am GMT+0430

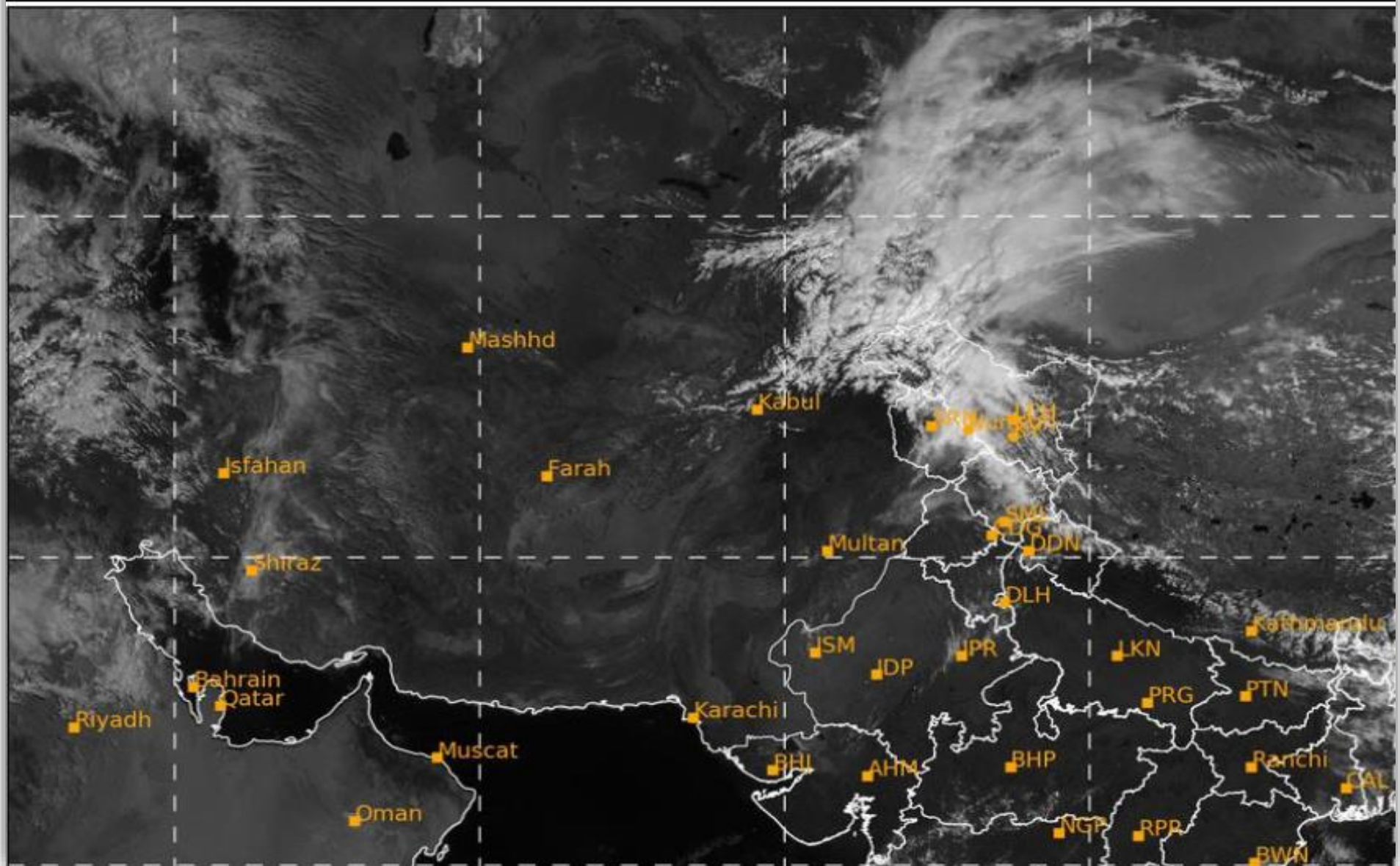


wet/cold

dry/warm

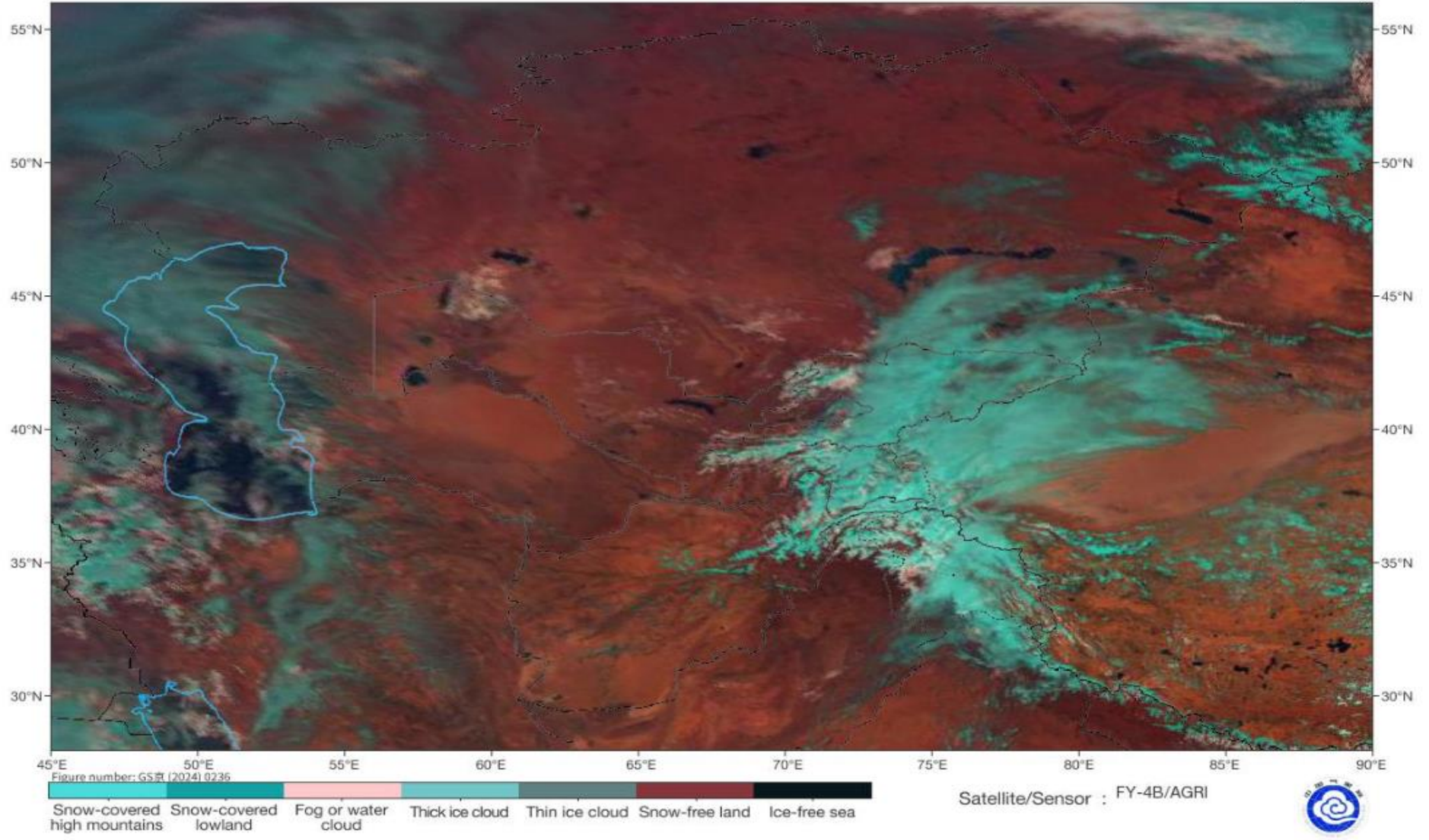
SAT : INSAT-3DR IMG
Visible Count 0.65 um
L1C Mercator

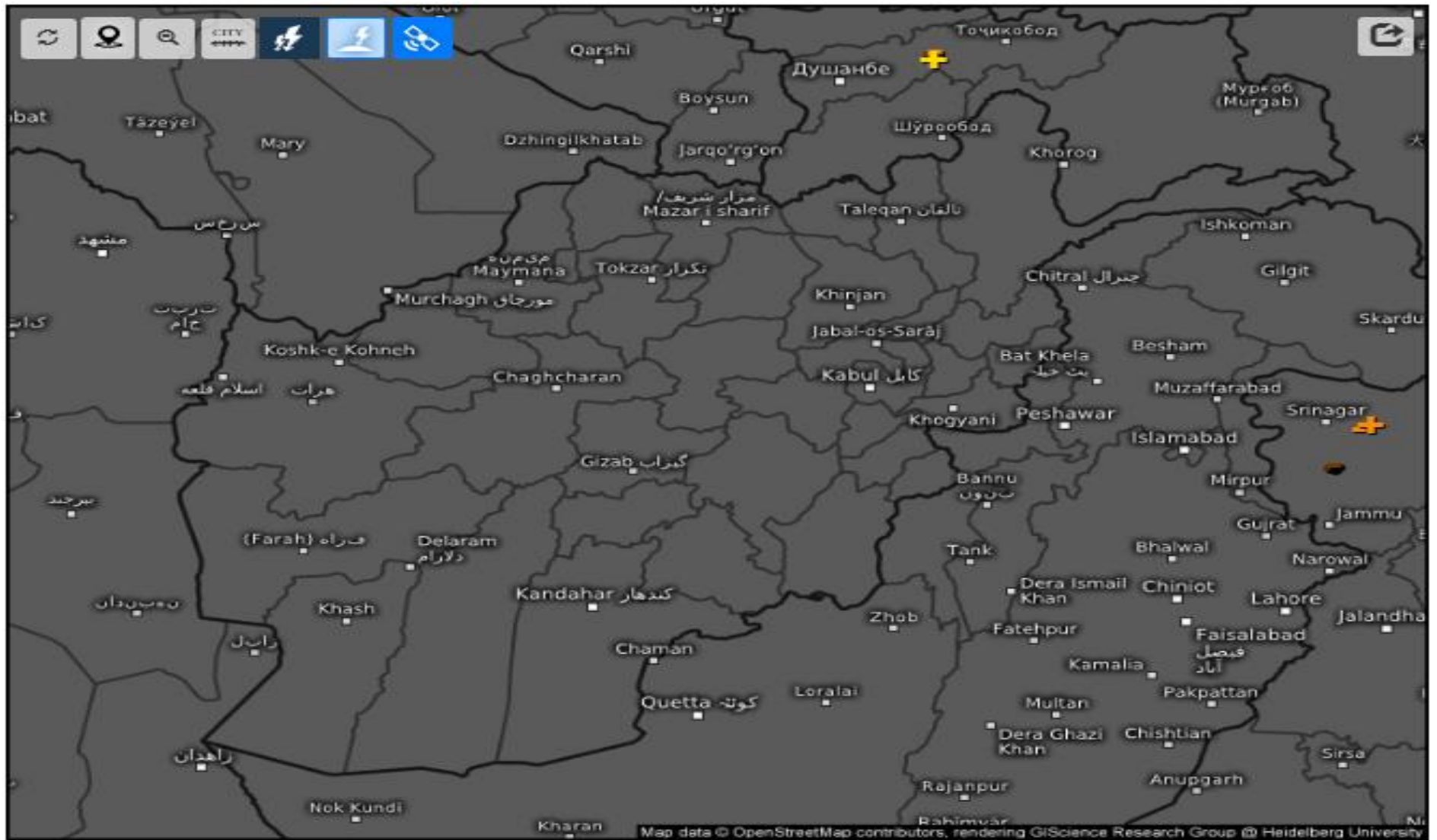
19-04-2026/(0445 to 0512) GMT
19-04-2026/(1015 to 1042) IST



Fog Identification

2026-04-19 05:30(UTC)





Age of lightning (minutes) ⓘ

Sun 04/19/2026, 10:15am GMT+0430

