



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



Daily reports of Satellite imagery analysis. Date & Time: 27/01/2026, 03:00 UTC

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

Details: According to satellite imagery analysis, the northern, southern, eastern, central, northeastern, and southeastern areas have cold air mass. The western, northwestern, and southwestern areas have warm air mass. The northern, southern, eastern, central, northeastern, and southeastern areas have cloudy sky. The northern, southern, eastern, central, southeastern, and northwestern areas have moderate water vapor. The western and southwestern areas have weak water vapor. The northeastern areas have high water vapor.

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

- Reported by: Sayed Taher Atlas

UTC : 2026-01-27 01:00

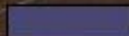
AirMass



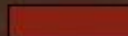
Thick,
high-level cloud



Thick,
mid-level cloud



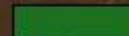
Thick,
low-level cloud



Jet



Cold Airmass



Warm Airmass
(high UTH)



Warm Airmass
(low UTH)

R = WV (6.25) - WV (7.1)

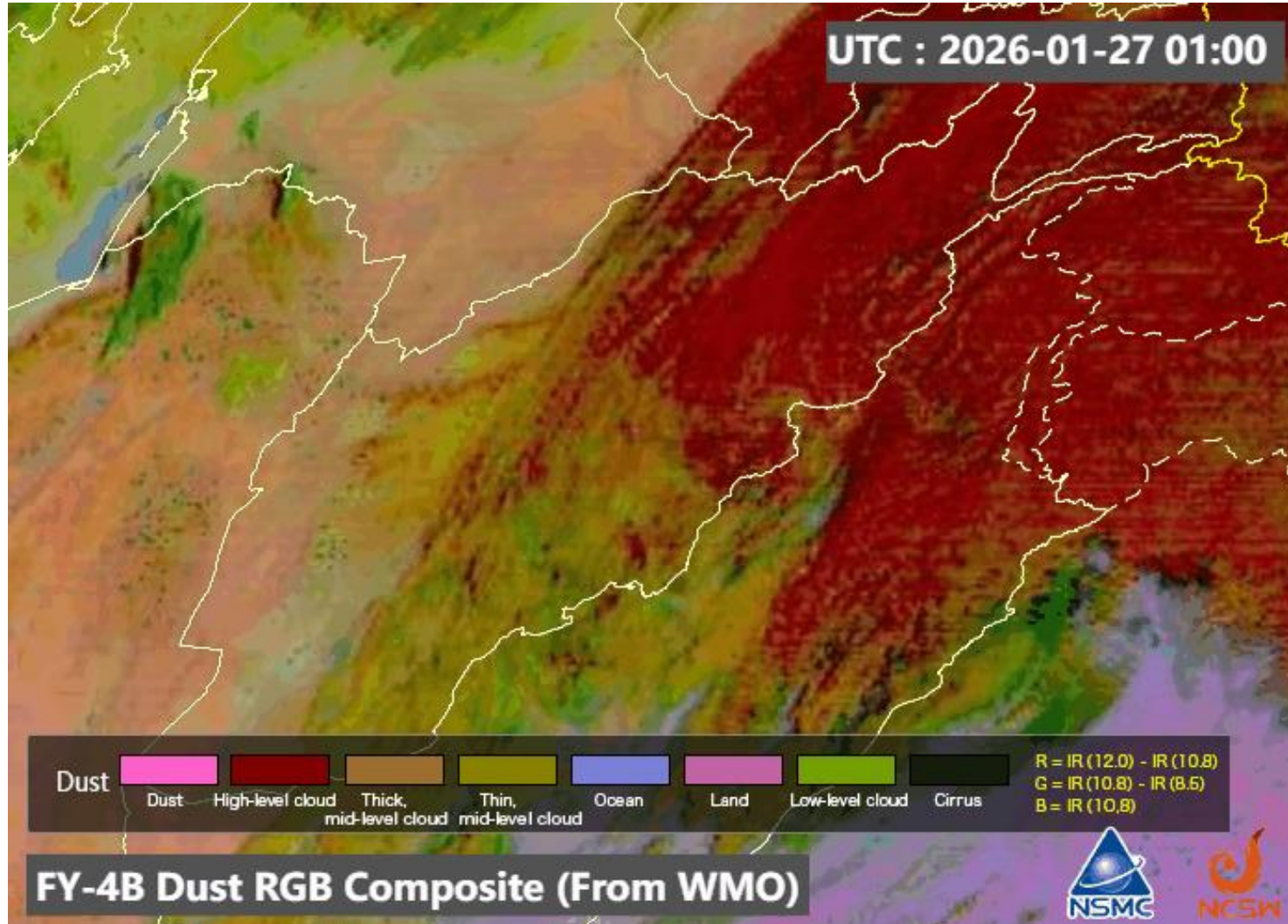
G = IR (8.5) - IR (10.8)

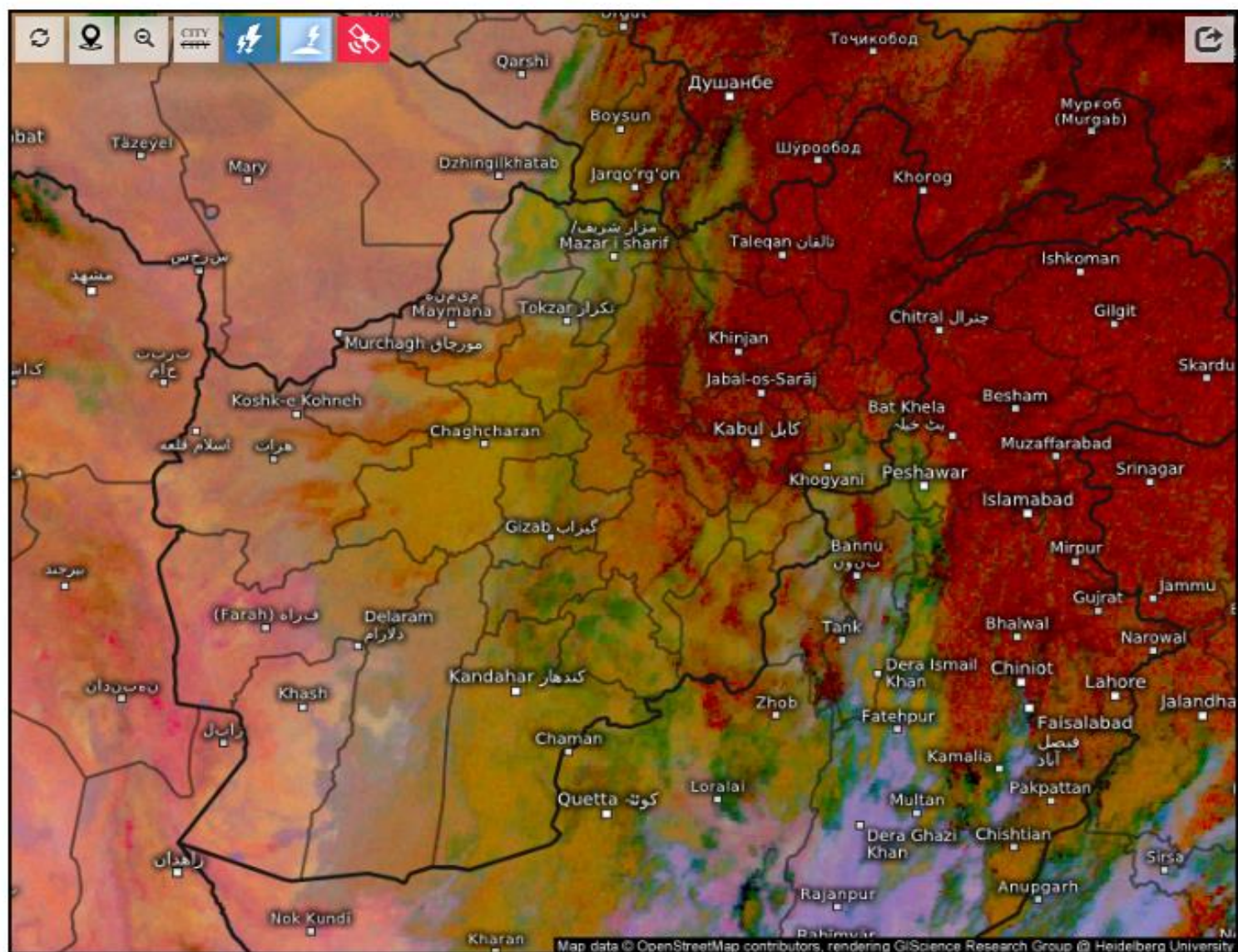
B = WV (6.25)

FY-4B AirMass RGB Composite (From WMO)



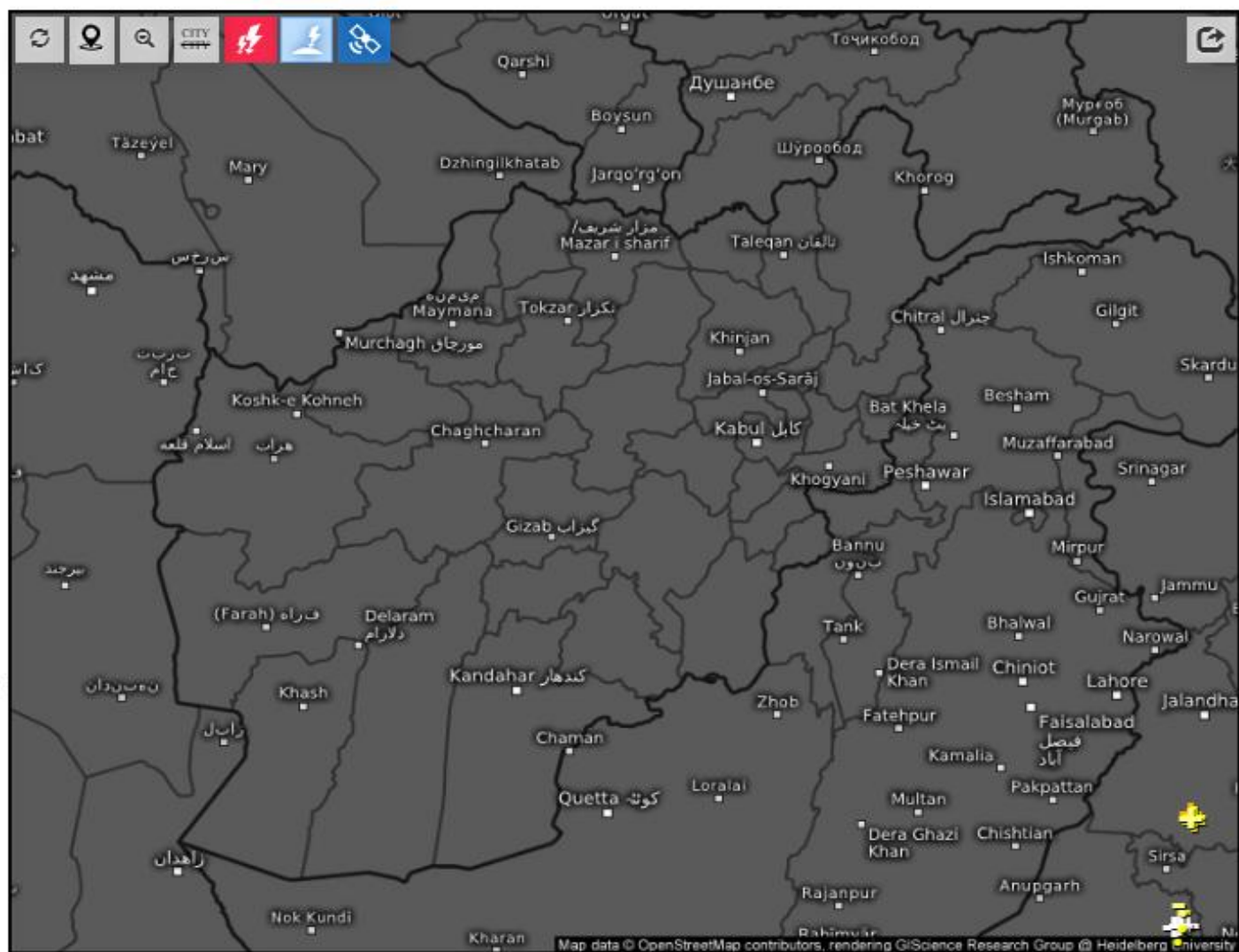
UTC : 2026-01-27 01:00





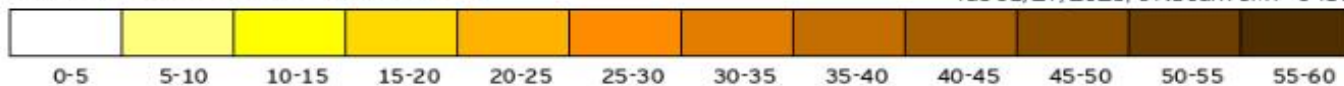
Satellite Dust 

Tue 01/27/2026, 07:30am GMT+0430

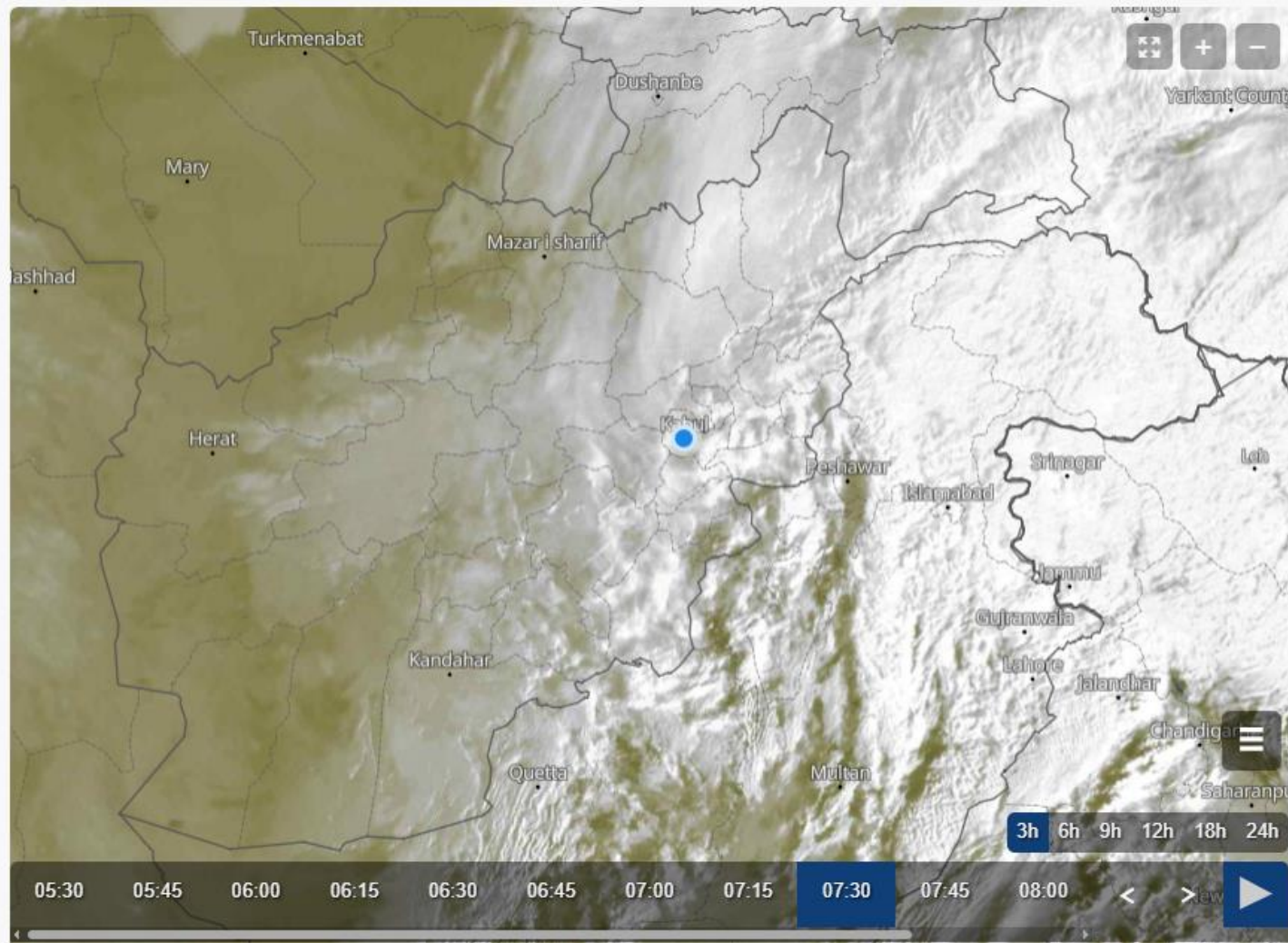


Age of lightning (minutes) 

Tue 01/27/2026, 07:30am GMT+0430

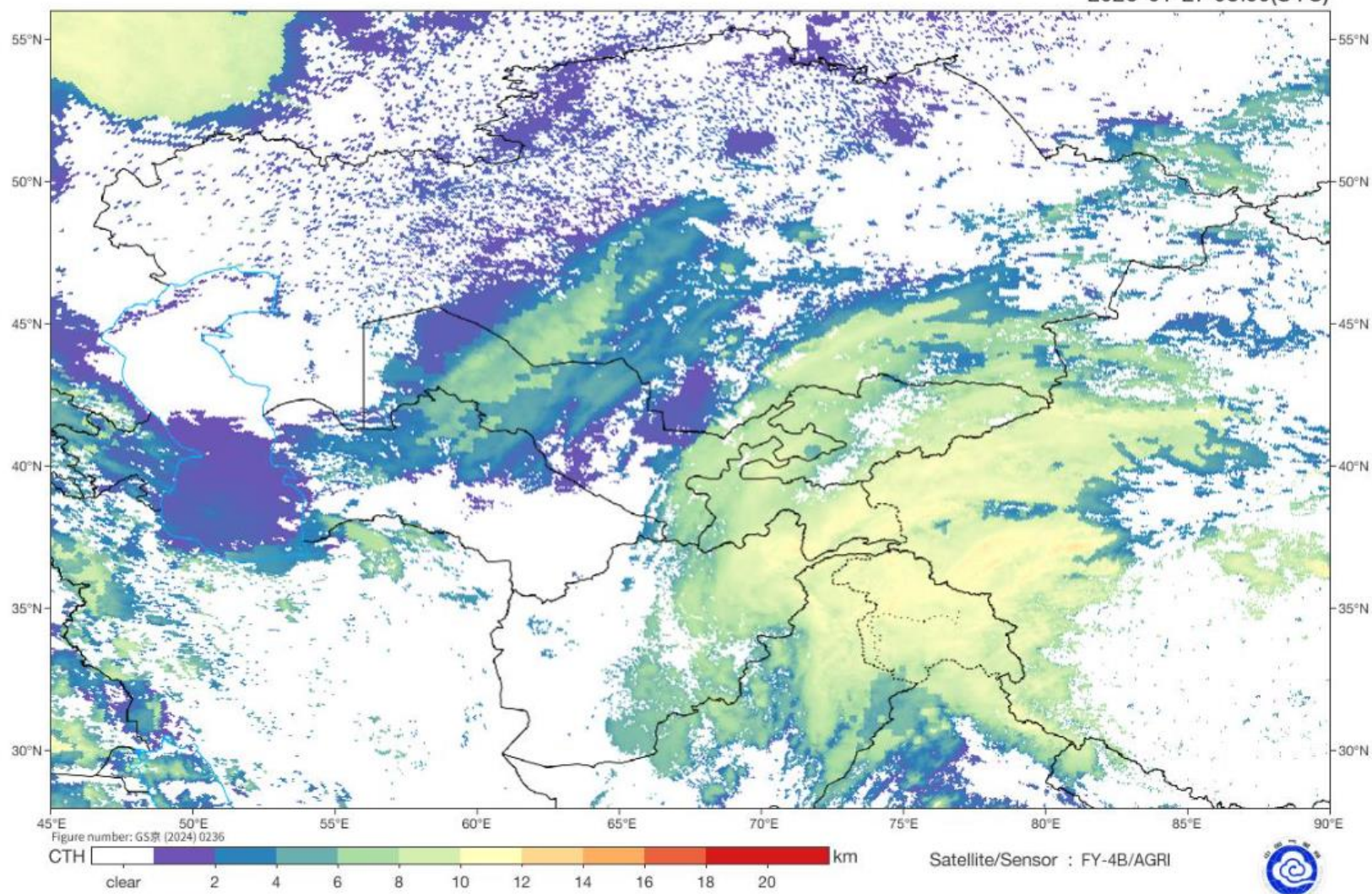


Live satellite map, Afghanistan



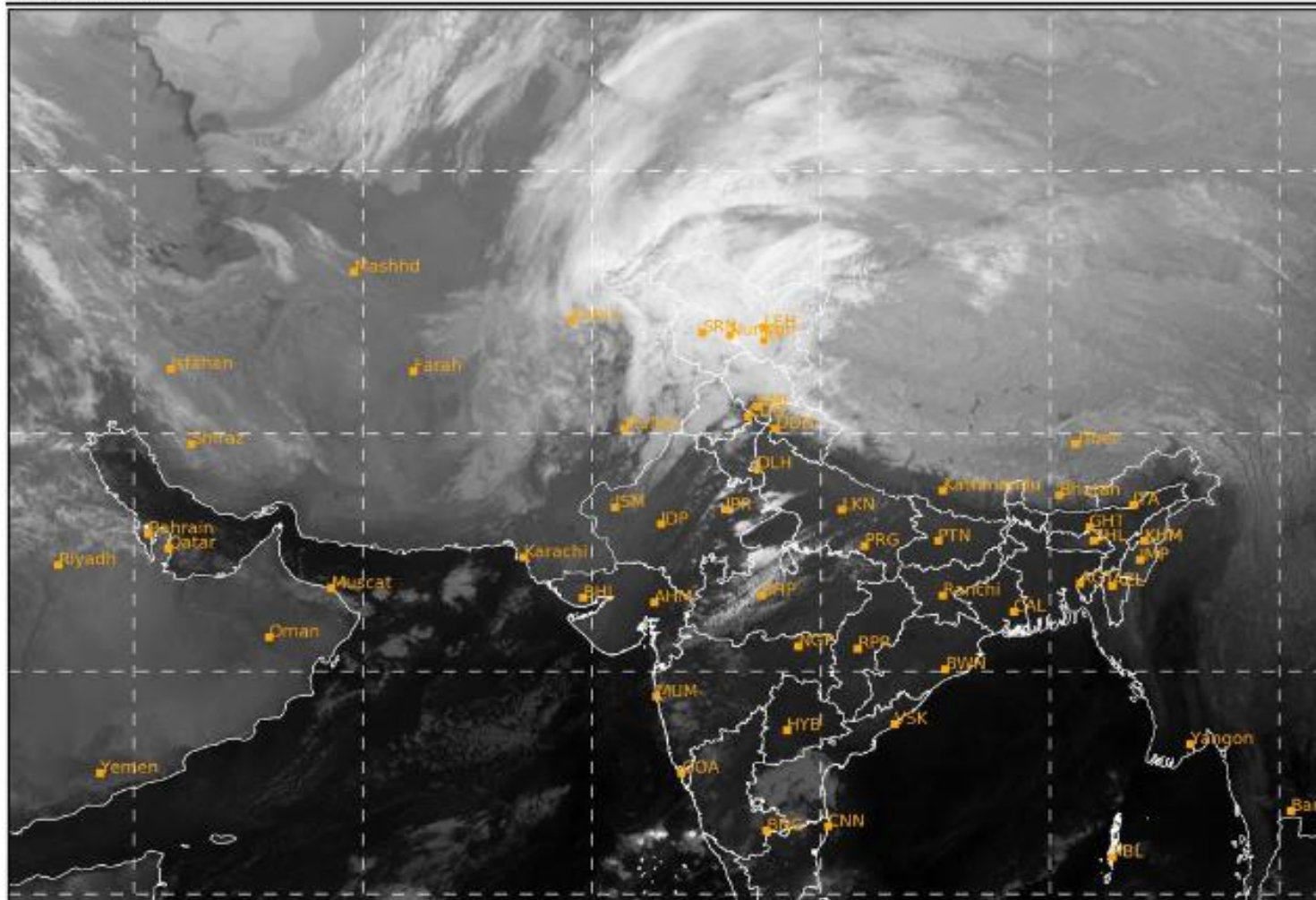
Cloud Top Height

2026-01-27 03:00(UTC)



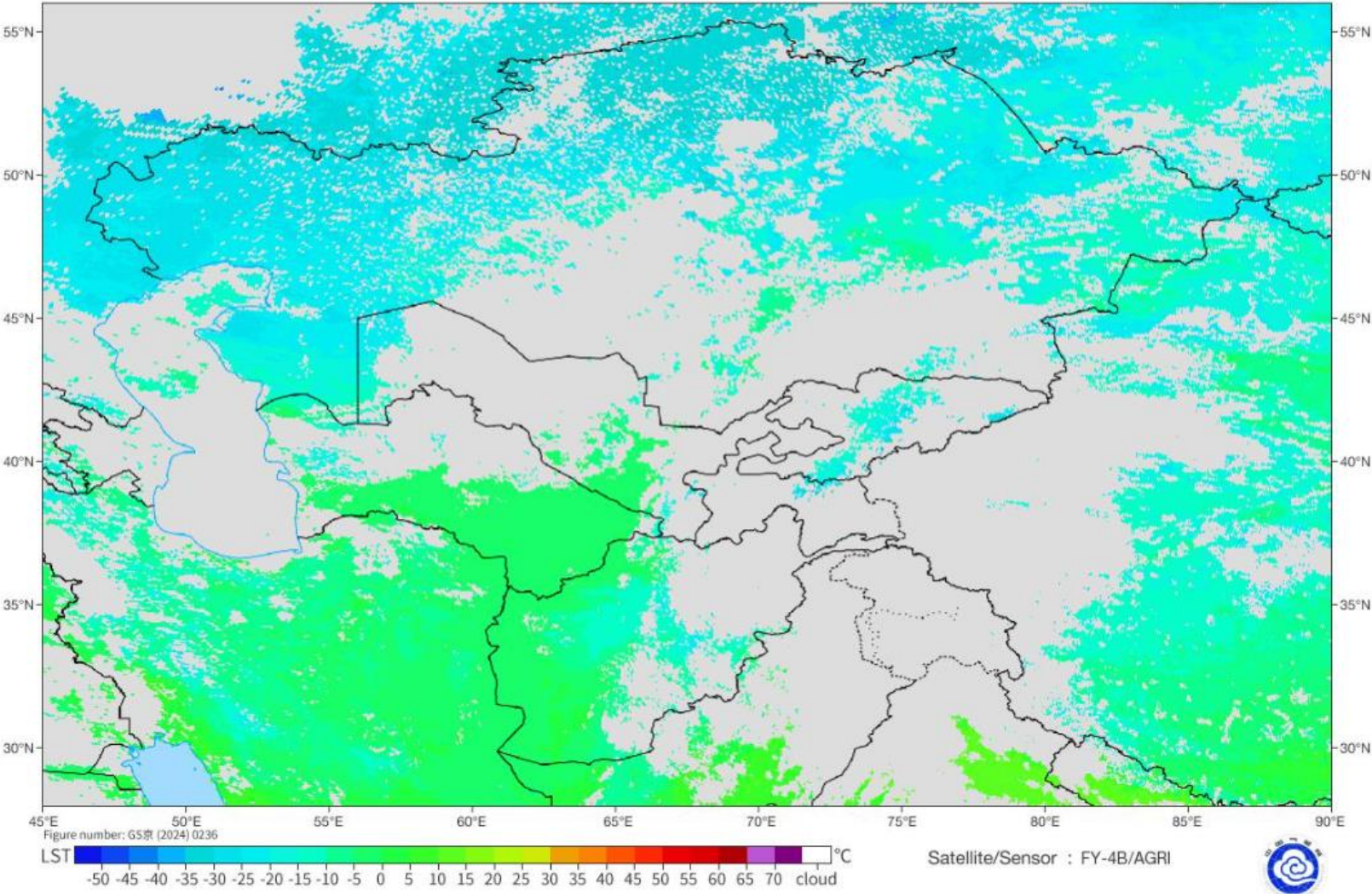
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

27-01-2026/(0215 to 0242) GMT
27-01-2026/(0745 to 0812) IST

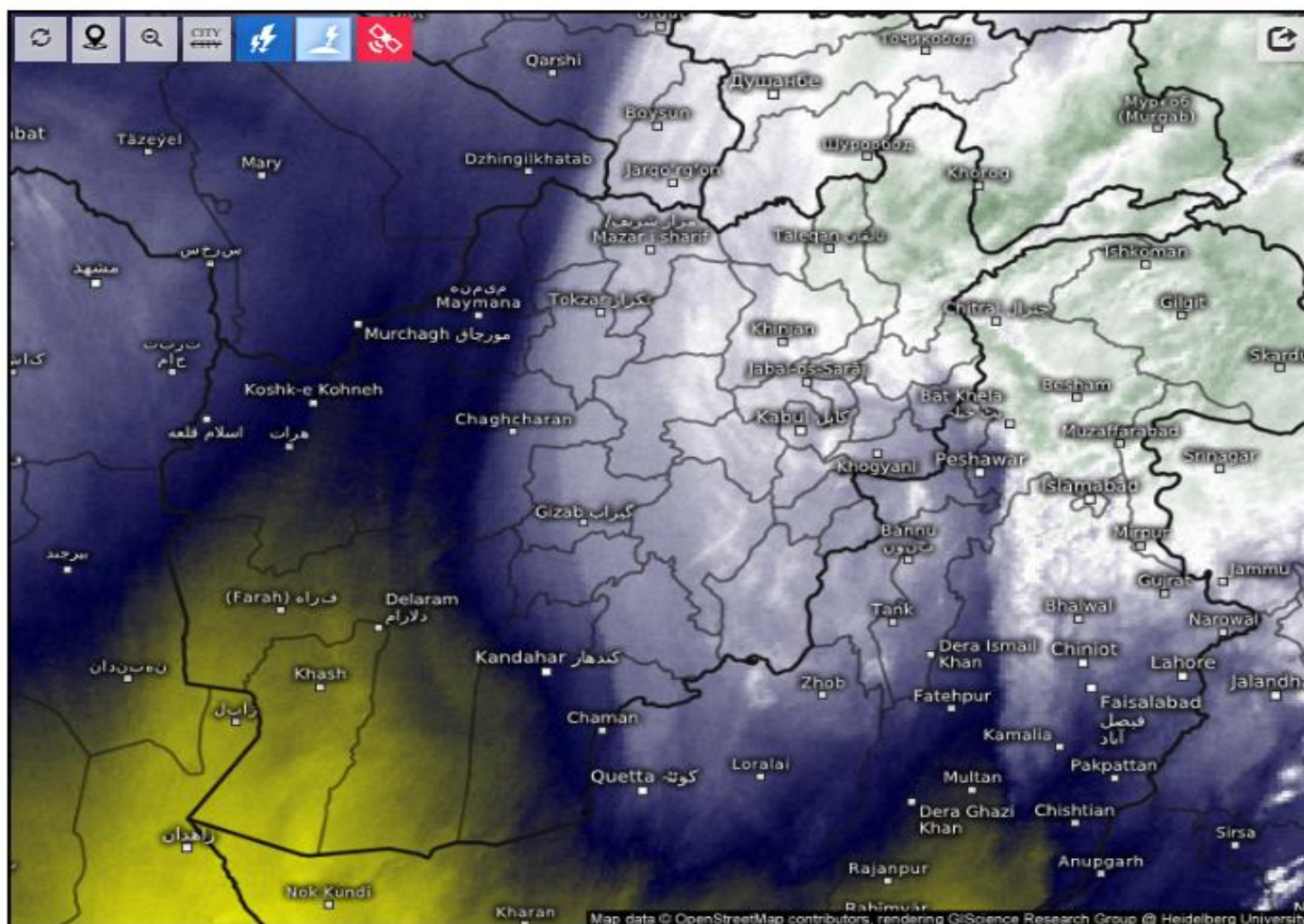


Land Surface Temperature

2026-01-27 03:00(UTC)



A grayscale map of Asia and the Middle East with a grid overlay. Numerous cities are marked with orange dots and labeled with three-letter codes. The map shows the outlines of major landmasses and bodies of water. The grid consists of dashed lines representing latitude and longitude.



Satellite Water Vapor

Tue 01/27/2026, 07:30am GMT+0430

