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

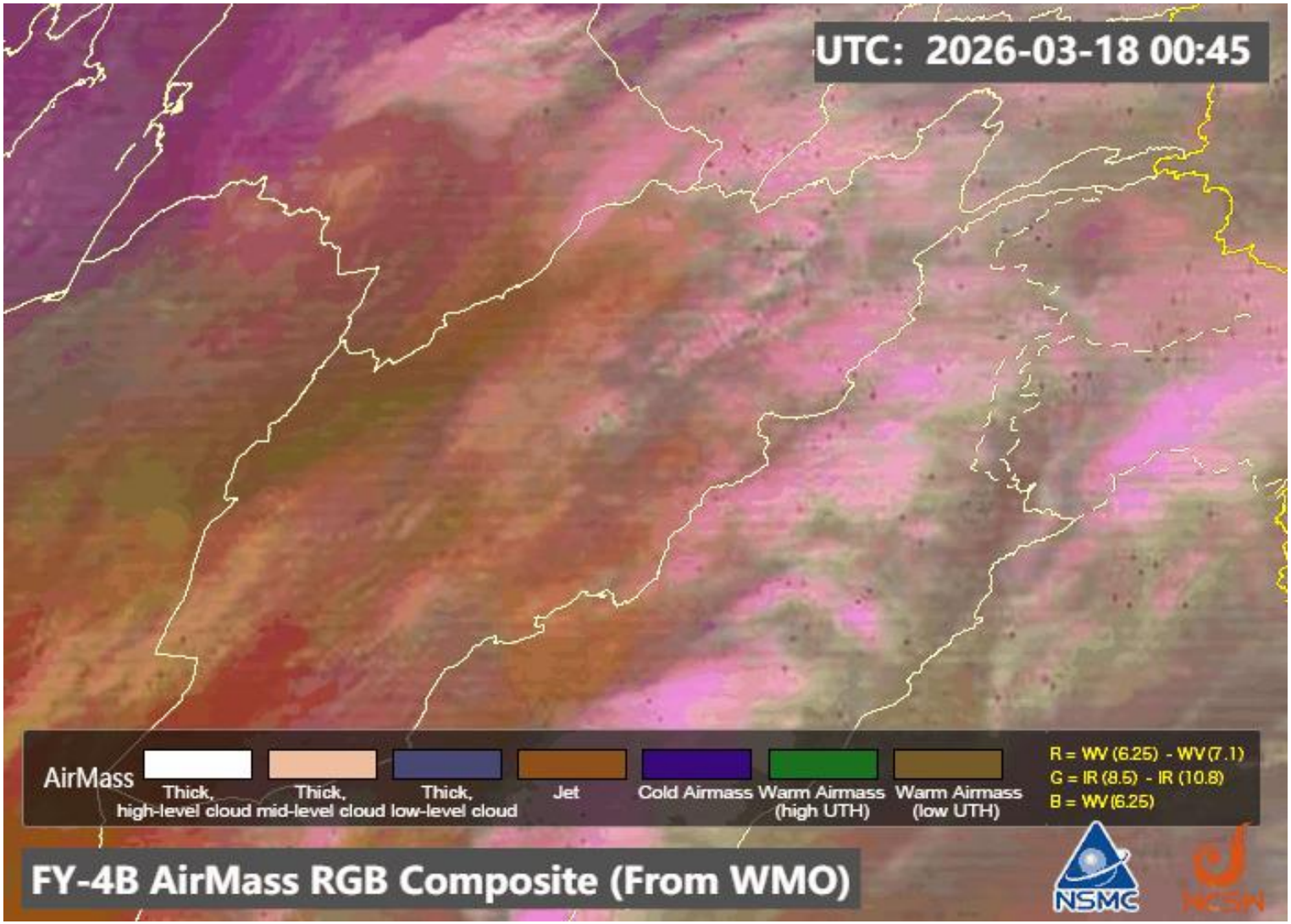
Daily reports of Satellite imagery analysis. Date & Time: 17/03/2026, 03:00 UTC

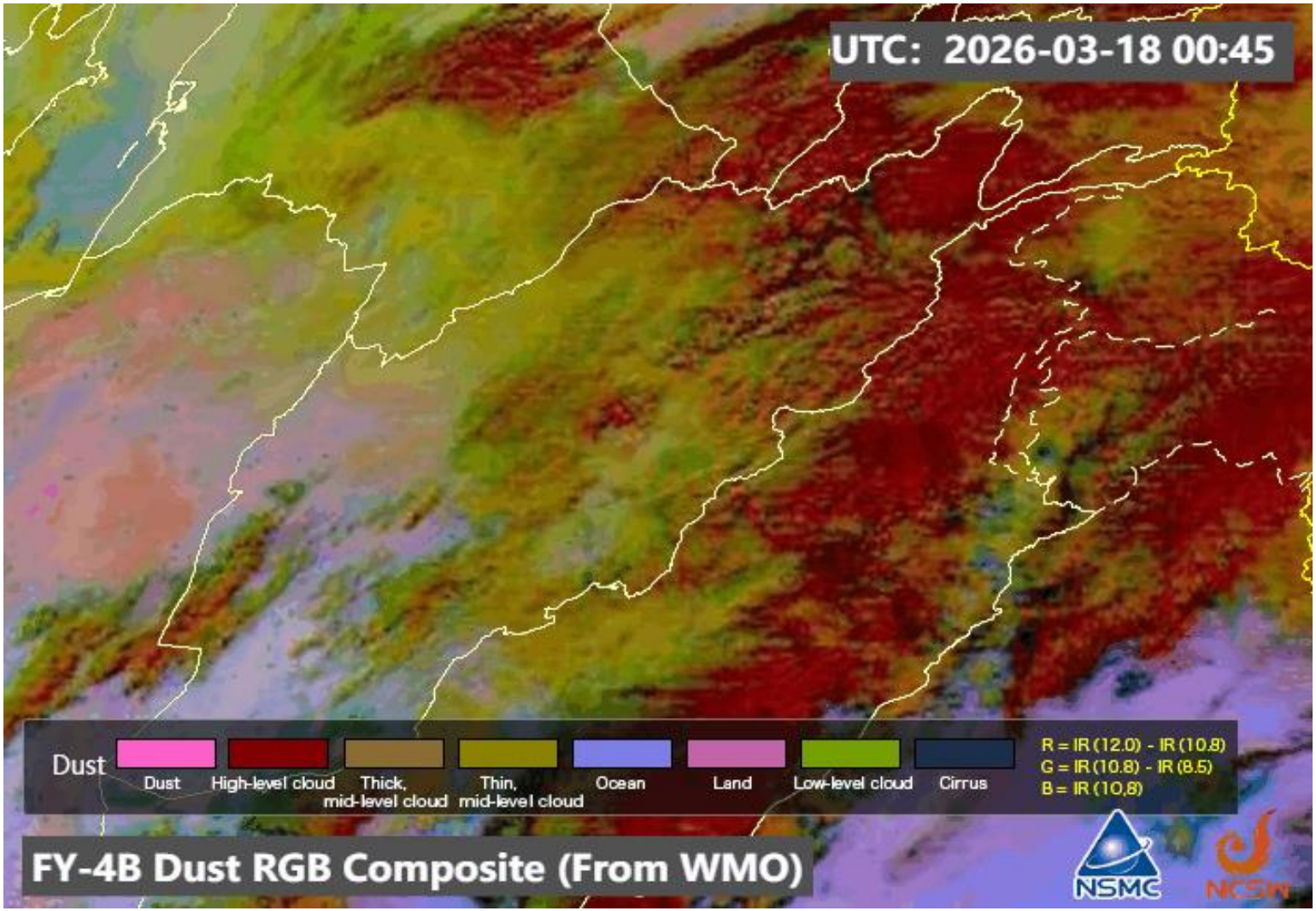
| No | Region | Air Mass | Dust Storm | Thunder storm | Cloud | Fog | Water Vapor | Cyclone & Anticyclone | Jetstream | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | North | X | X | X | ✓ | X | ✓ Moderate | X | X | |
| 2 | South | X | X | ✓ | ✓ | X | ✓ Moderate | X | X | |
| 3 | West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

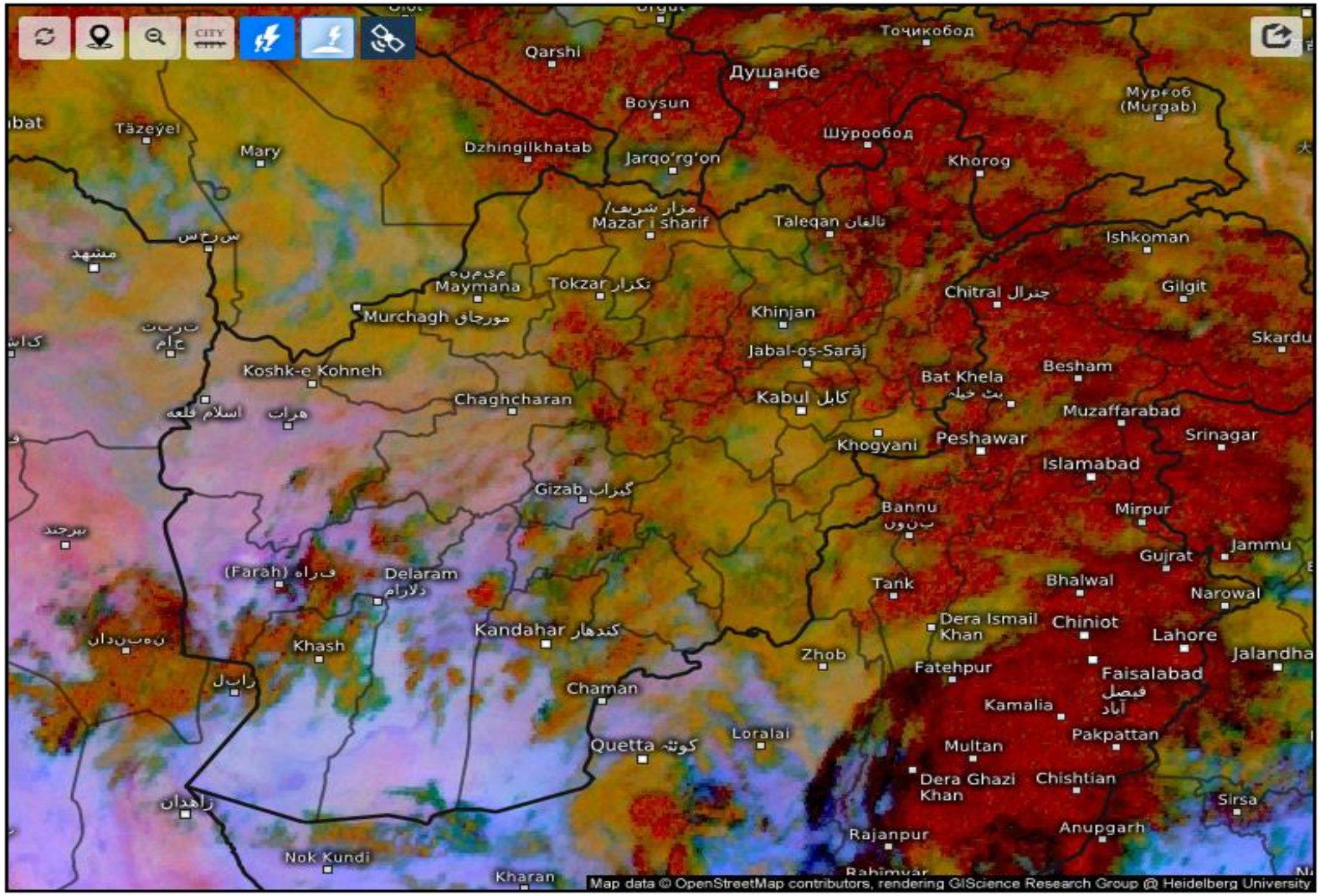
**Details:** **According to satellite imagery analysis, the northern, southern, western, eastern, central, northeastern, southeastern, northwestern, and southwestern areas have cloudy sky. The northern, southern, western, eastern, central, northeastern, and southeastern areas have moderate water vapor.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

**Note: X (Not existing phenomena), √ (exist phenomena)**

- Reported by: Sayed Taher Atlas

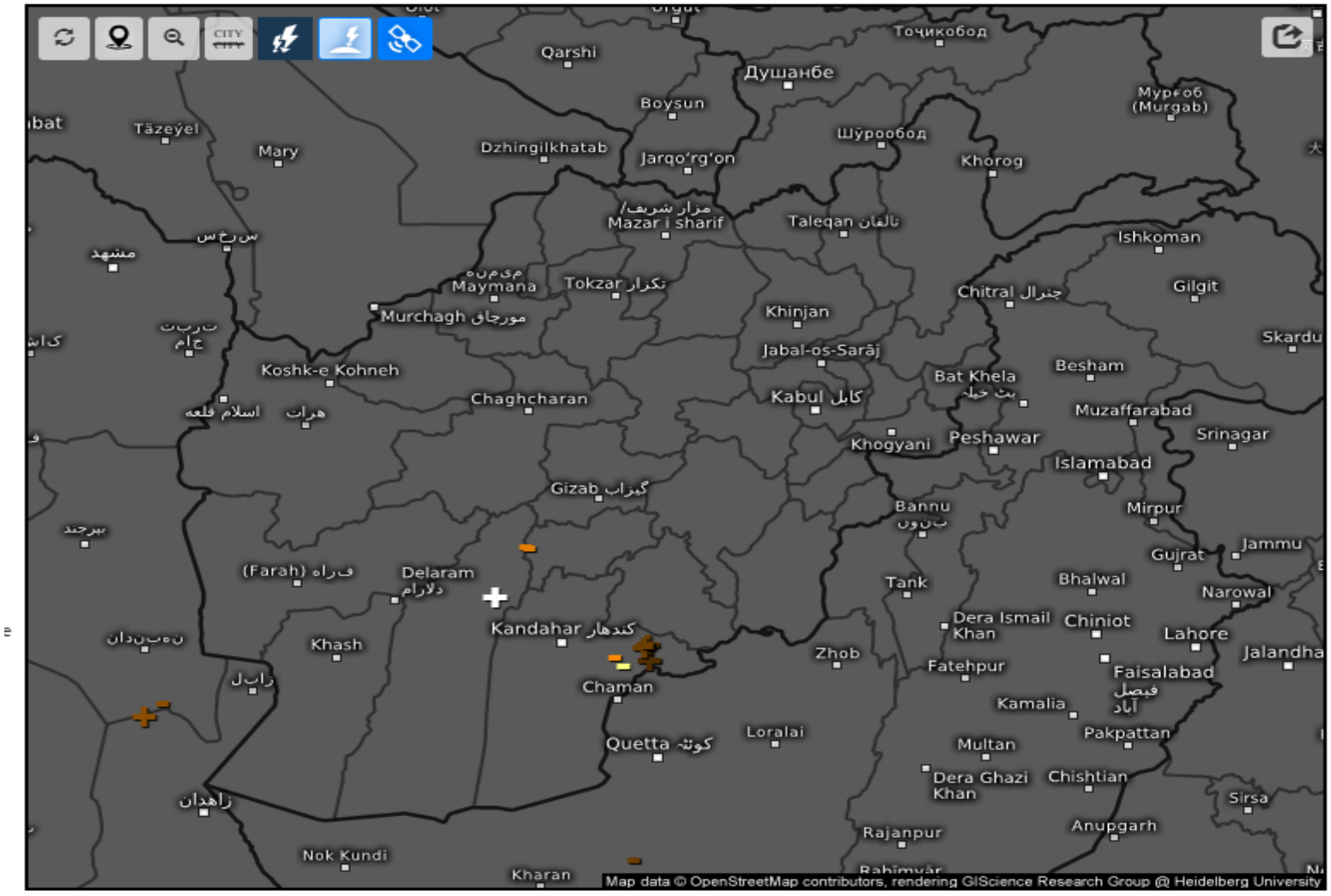

UTC: 2026-03-18 00:45
AirMass
Thick, high-level cloud
Thick, mid-level cloud
Thick, low-level cloud
Jet
Cold Airmass
Warm Airmass (high UTH)
Warm Airmass (low UTH)
R = WV (6.25) - WV (7.1)
G = IR (8.5) - IR (10.8)
B = WV (6.25)
FY-4B AirMass RGB Composite (From WMO)
NSMC
NCSN


UTC: 2026-03-18 00:45
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 03/18/2026, 07:30am GMT+0430



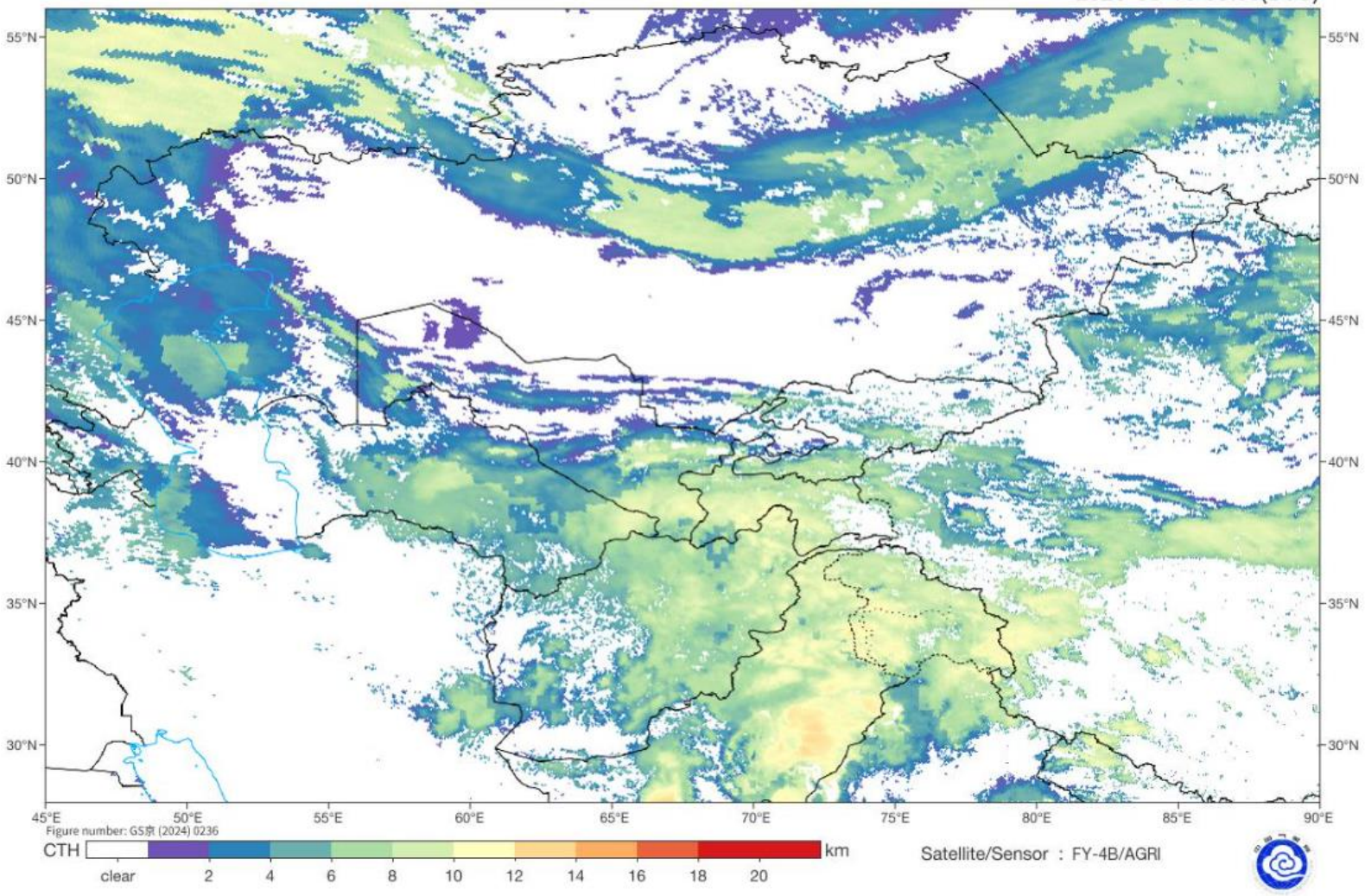

## Age of lightning (minutes)

Wed 03/18/2026, 07:30am GMT+0430

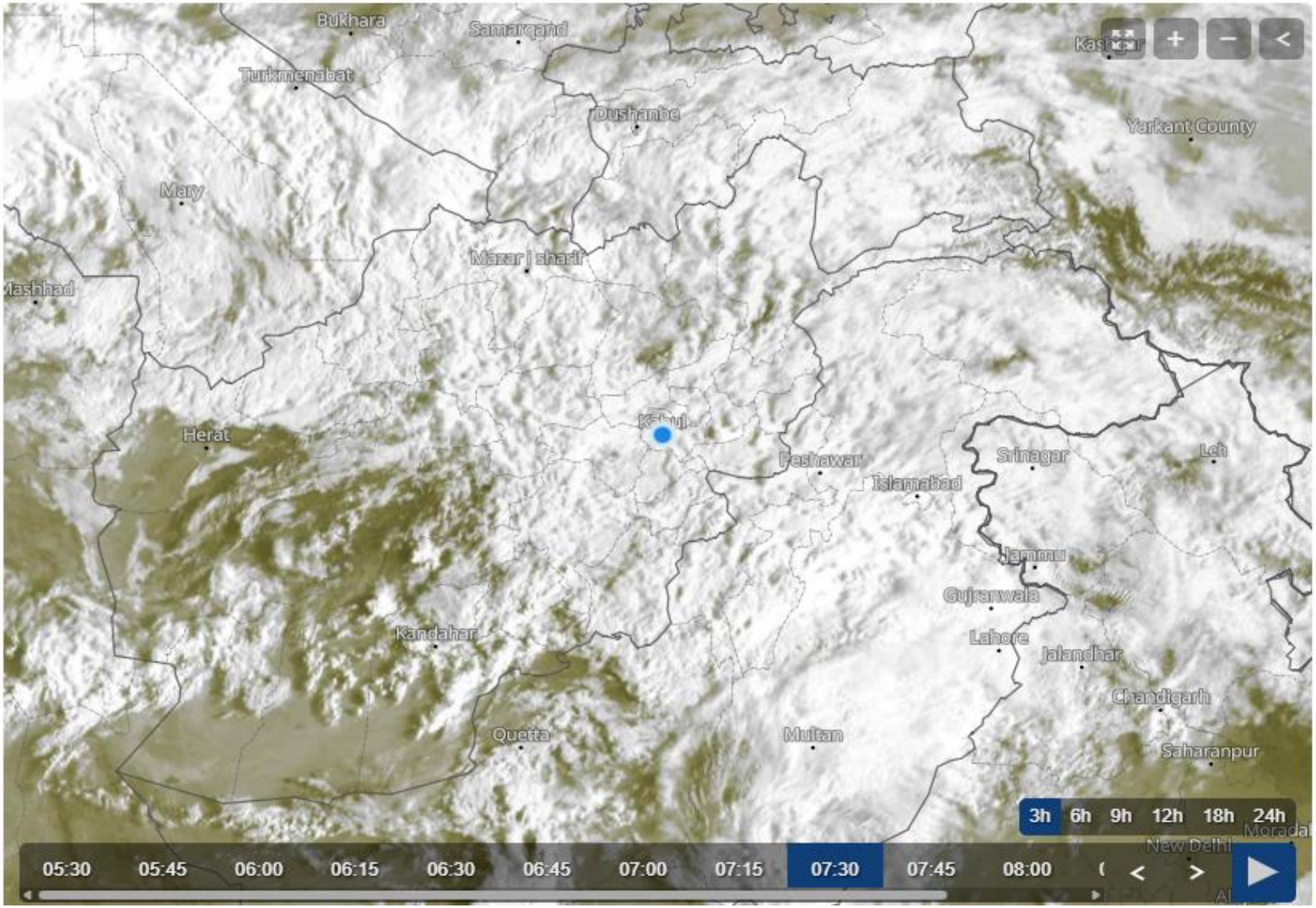
| 0-5 | 5-10 | 10-15 | 15-20 | 20-25 | 25-30 | 30-35 | 35-40 | 40-45 | 45-50 | 50-55 | 55-60 |
|---|---|---|---|---|---|---|---|---|---|---|---|

# Cloud Top Height

2026-03-18 03:00(UTC)

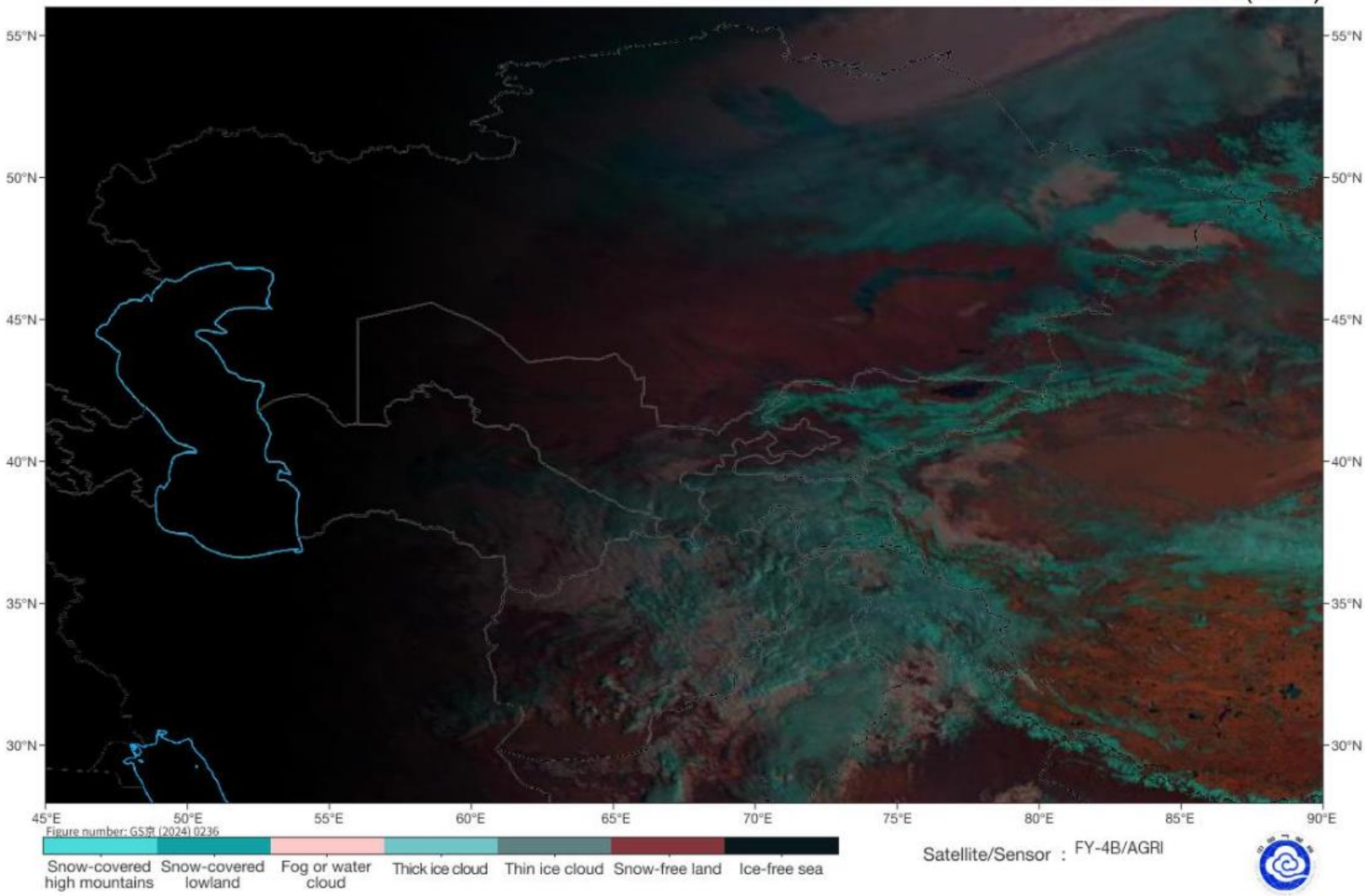


## Live satellite map, Afghanistan



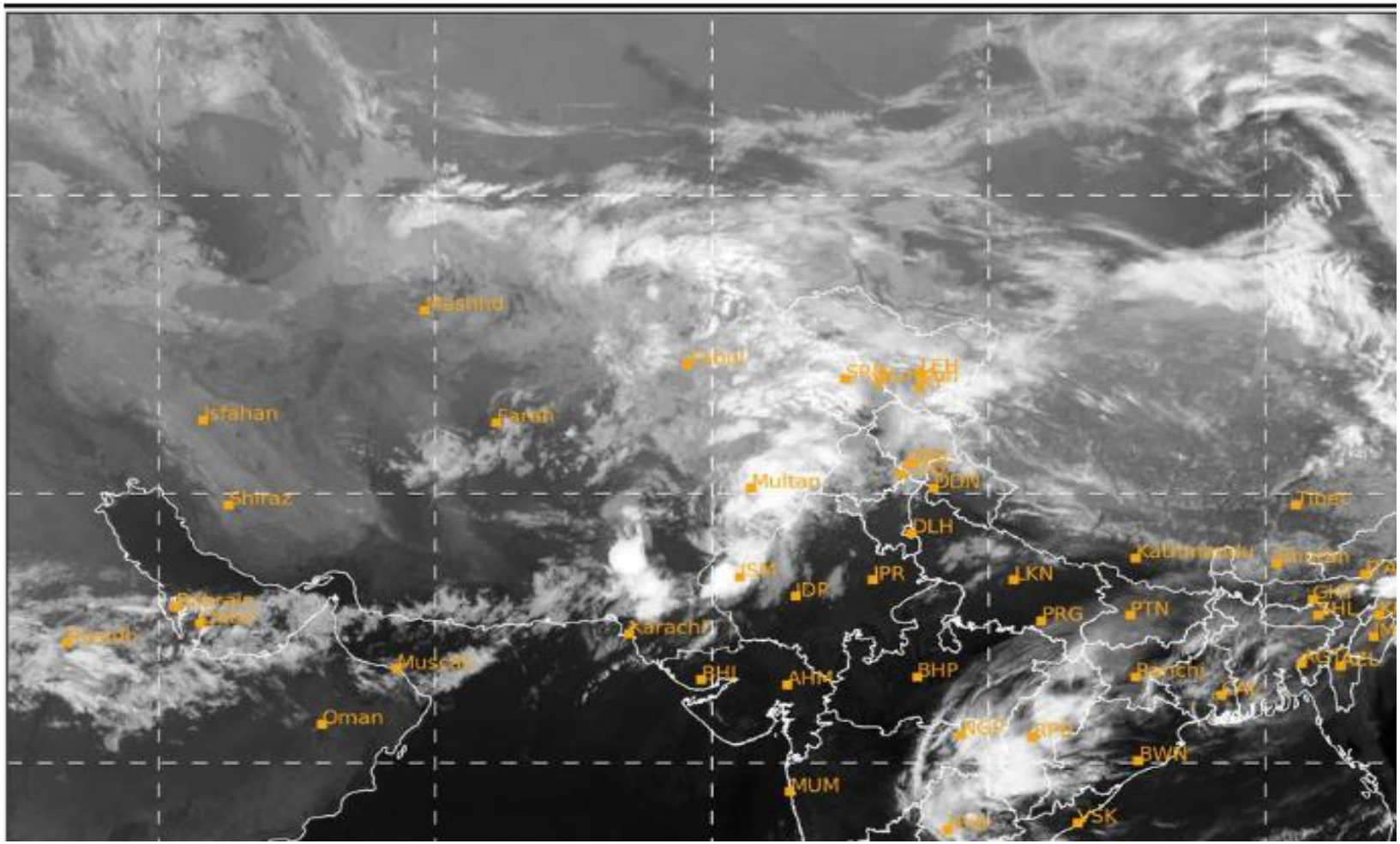
# Fog Identification

2026-03-18 03:00(UTC)



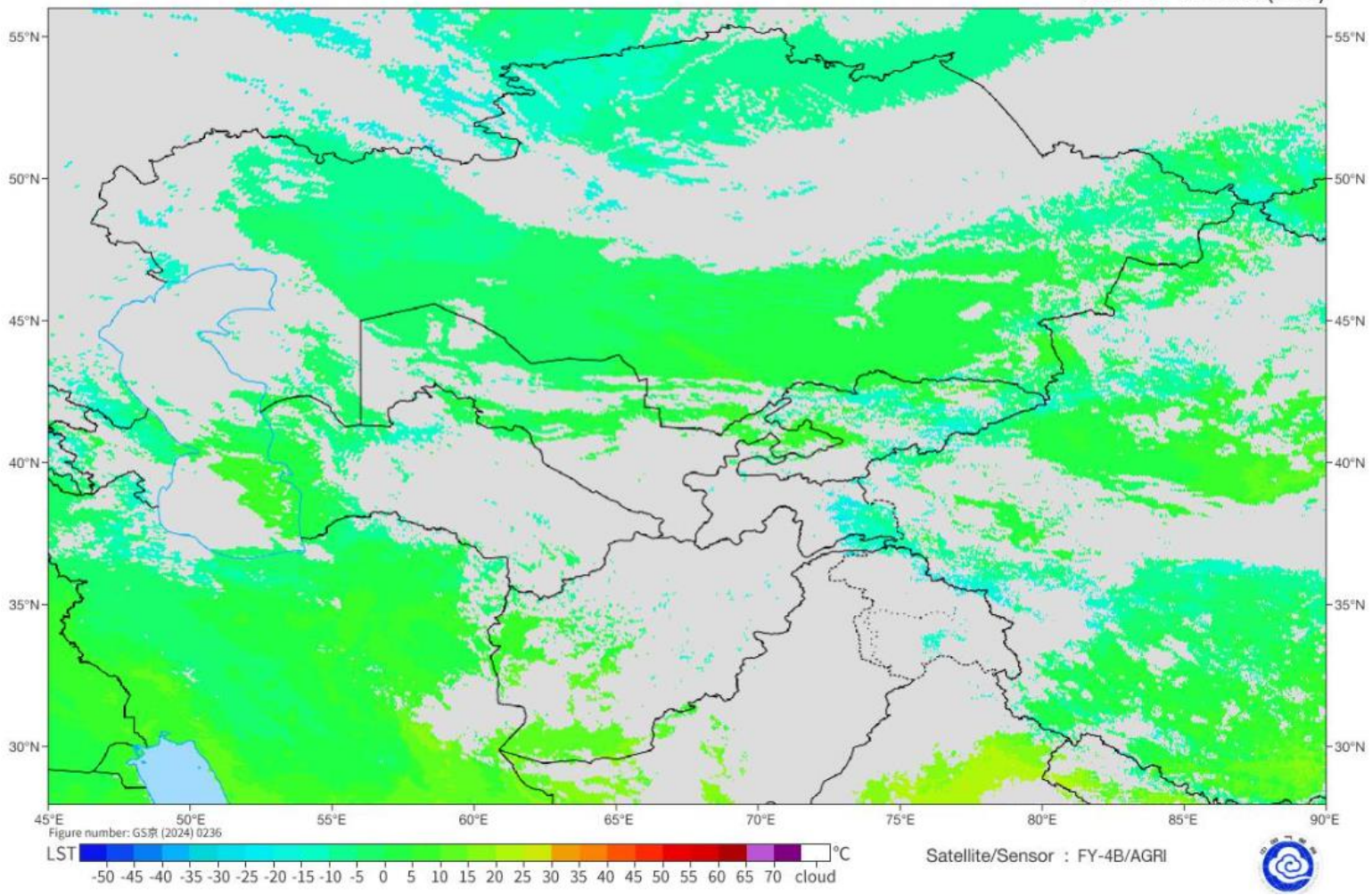
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

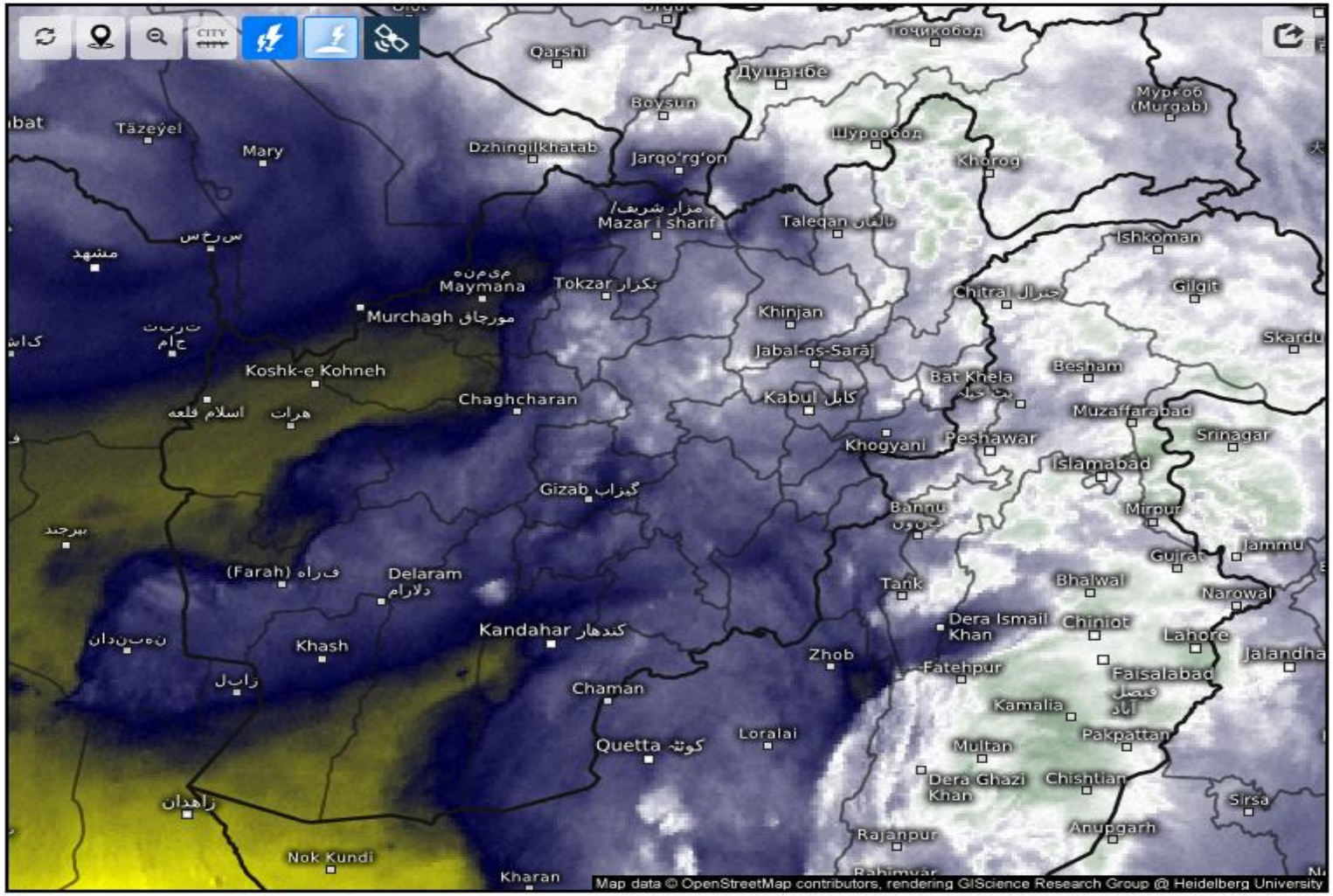
18-03-2026/(0245 to 0312) GMT
18-03-2026/(0815 to 0842) IST



# Land Surface Temperature

2026-03-18 03:00(UTC)

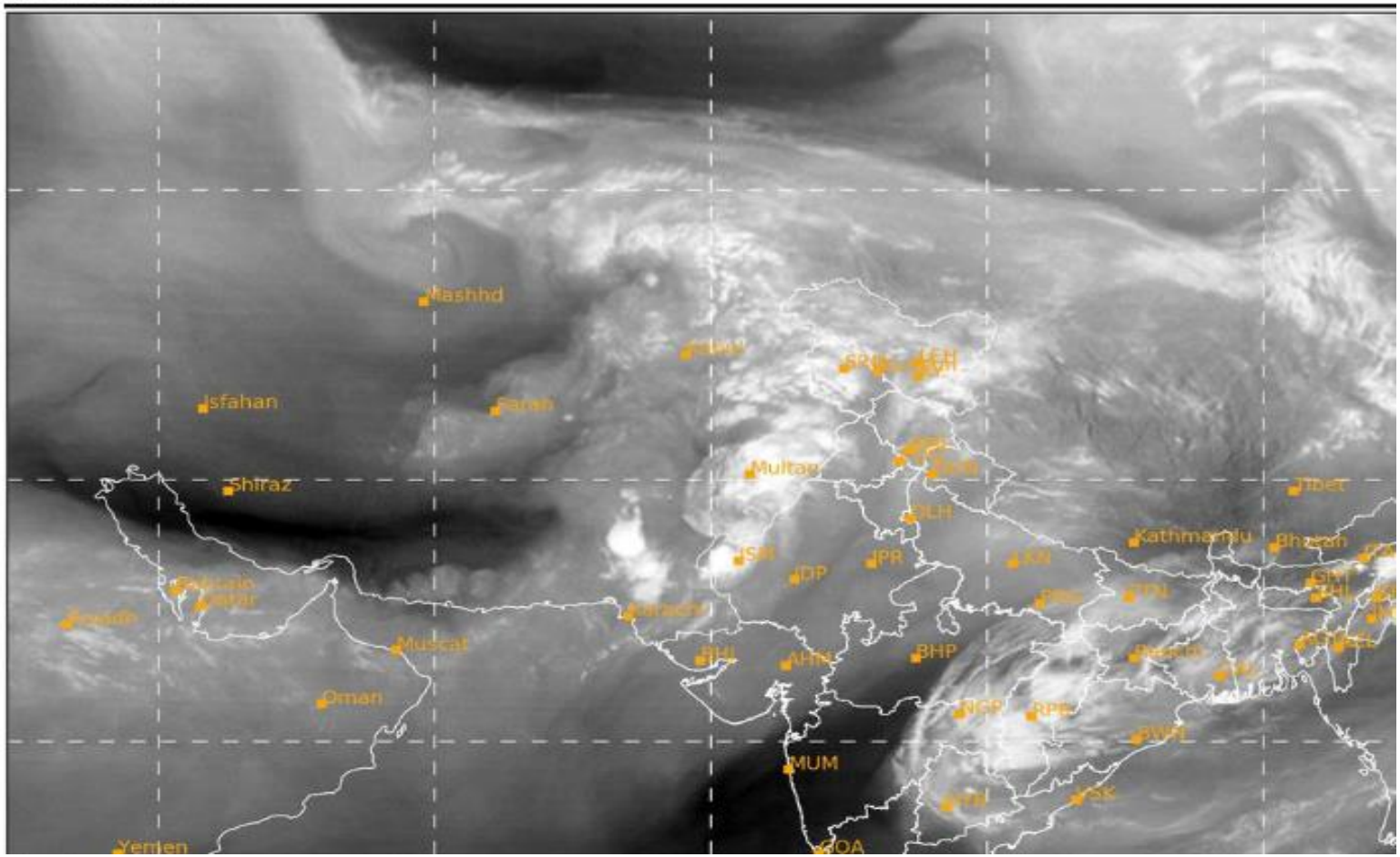





## Satellite Water Vapor

Wed 03/18/2026, 07:30am GMT+0430

wet/cold — dry/warm

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

18-03-2026/(0245 to 0312) GMT
18-03-2026/(0815 to 0842) IST