



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



Daily reports of Satellite imagery analysis. Date & Time: 18/01/2026, 06:00 UTC

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

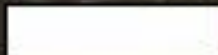
Details: according to satellite imagery analysis the northern, southern, western, central, southeastern, northwestern, southwestern regions have cold air mass. The northern, western, eastern, central, northeastern, southeastern, southwestern regions have cloudy sky. The northern, northeastern, northwestern region have Fog. The all-regions have moderate water vapor with the exception of northeastern region are wet.

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

- Reported by: Esmatullah Mohammadi

UTC: 2026-01-17 19:45

AirMass



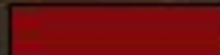
Thick,
high-level cloud



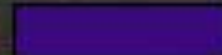
Thick,
mid-level cloud



Thick,
low-level cloud



Jet



Cold Airmass

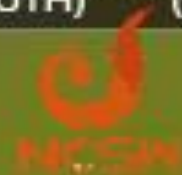


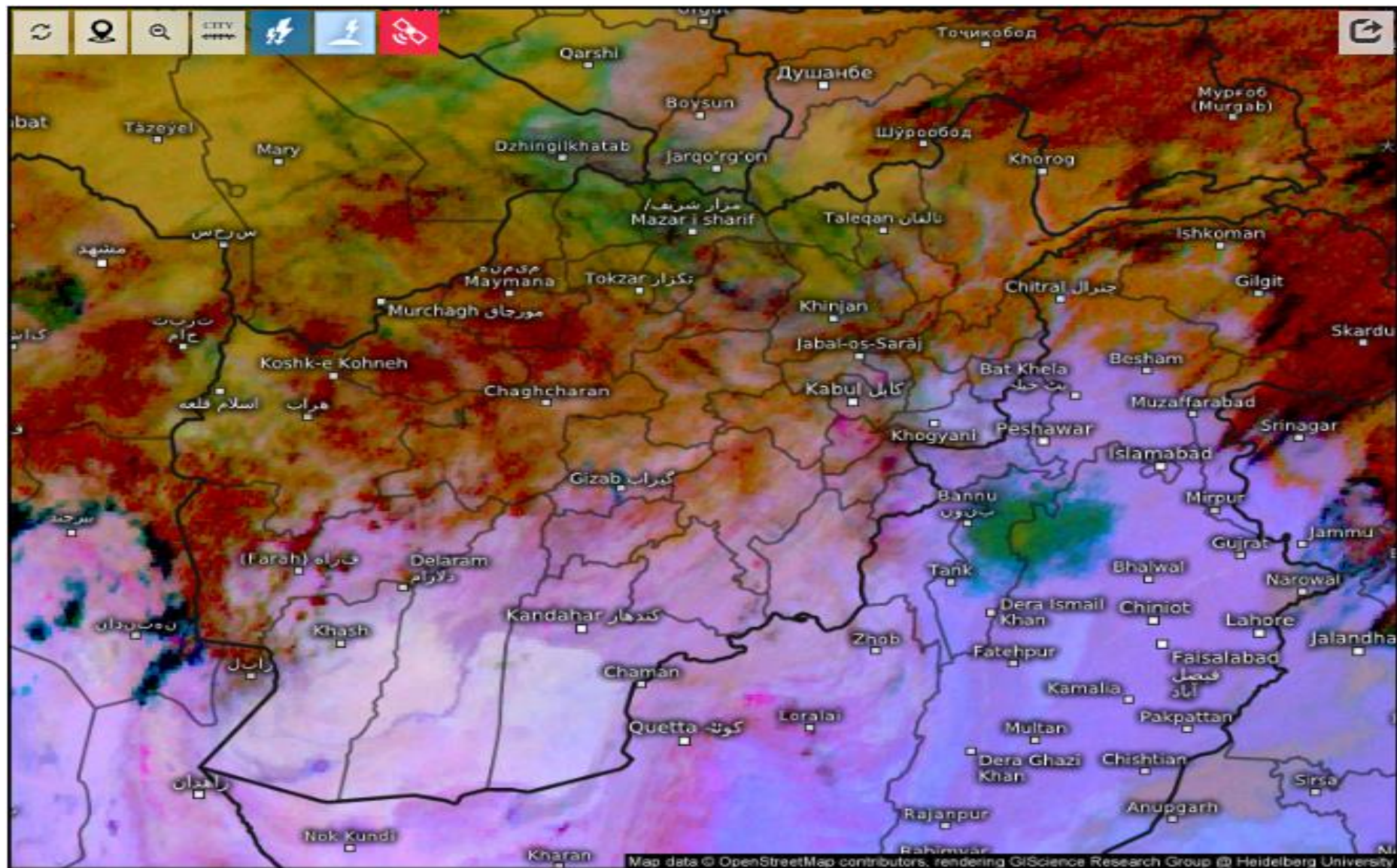
Warm Airmass
(high UTH)



Warm
(low UTH)

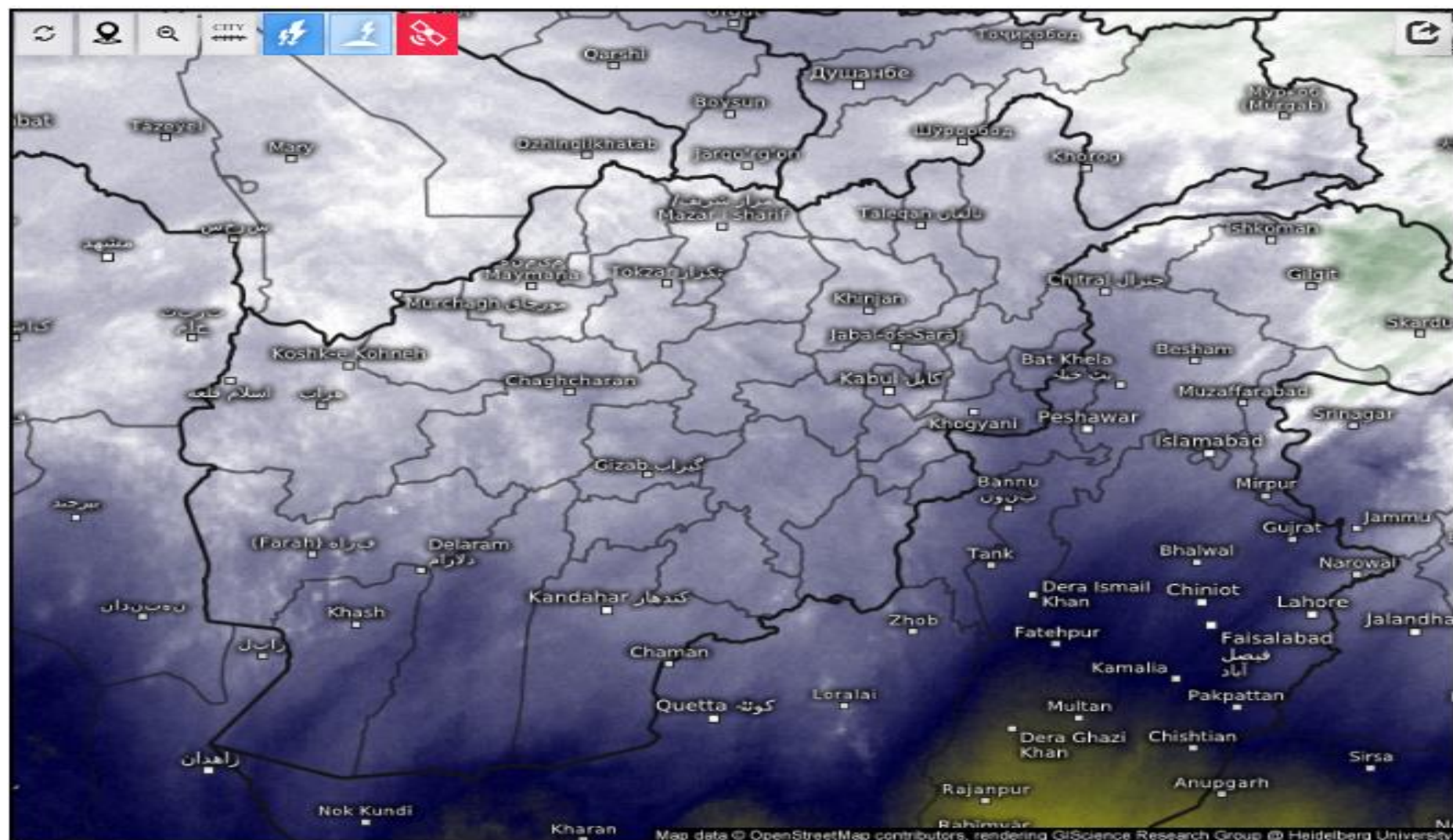
FY-4B AirMass RGB Composite (From WMI)





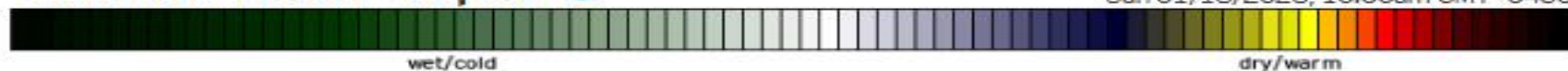
Satellite Dust 

Sun 01/18/2026, 10:00am GMT+0430



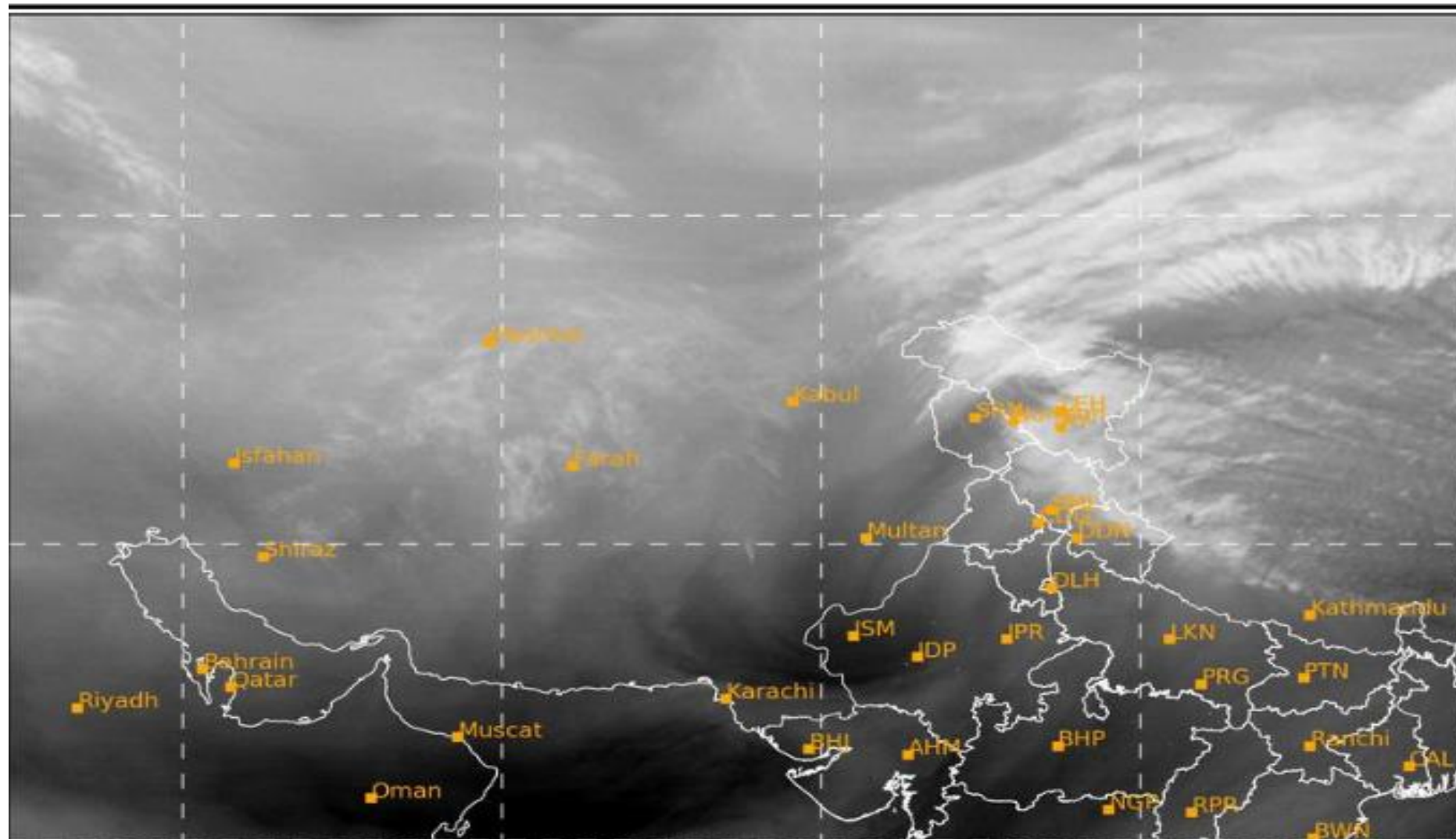
Satellite Water Vapor

Sun 01/18/2026, 10:00am GMT+0430



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

18-01-2026/(0415 to 0442) GMT
18-01-2026/(0945 to 1012) IST

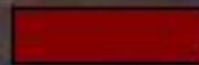


UTC: 2026-01-17 19:45

Dust



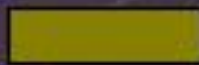
Dust



High-level cloud



Thick,
mid-level cloud



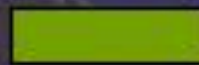
Thin,
mid-level cloud



Ocean



Land



Low-level cloud



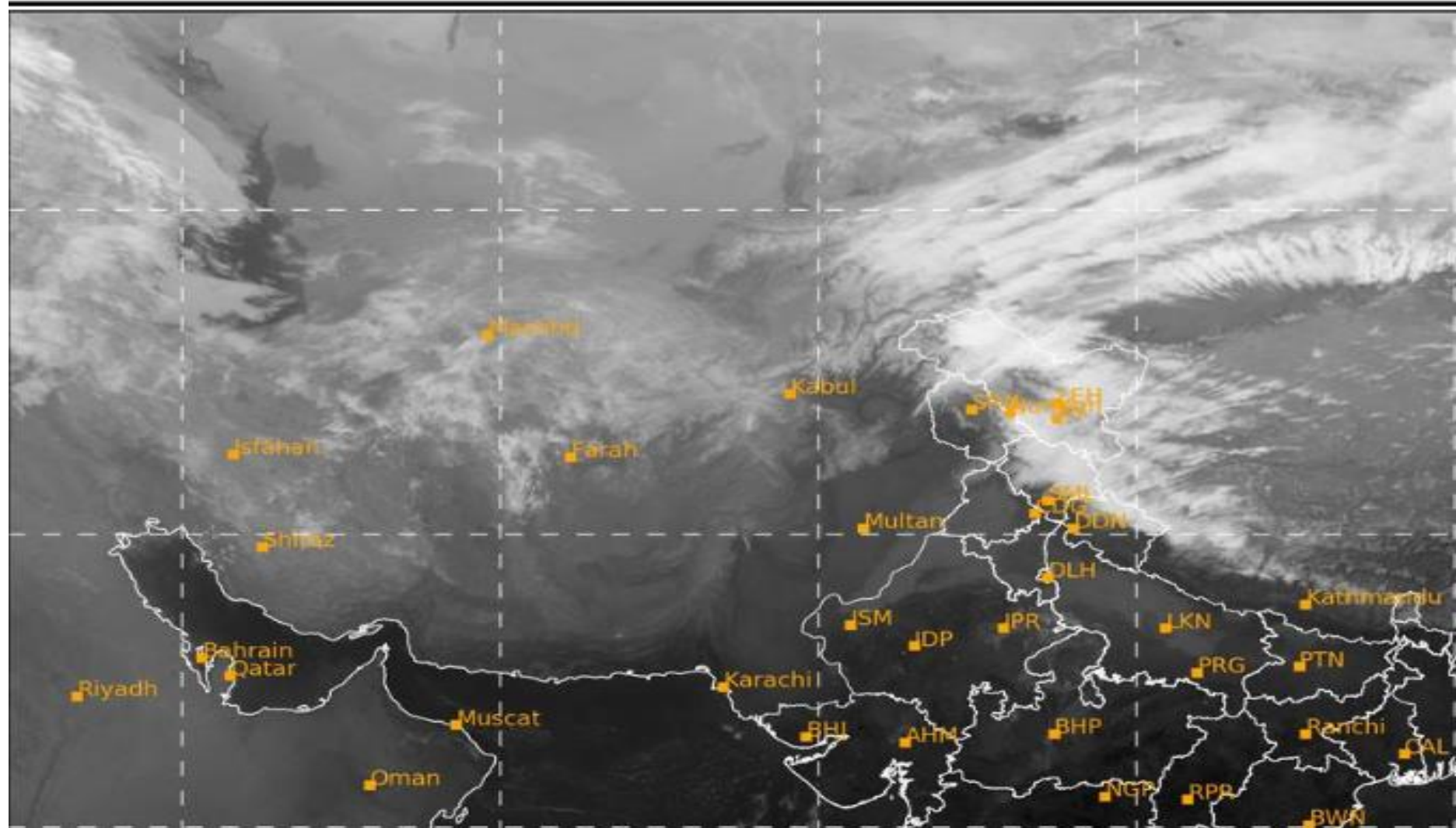
Cir

FY-4B Dust RGB Composite (From WMO)



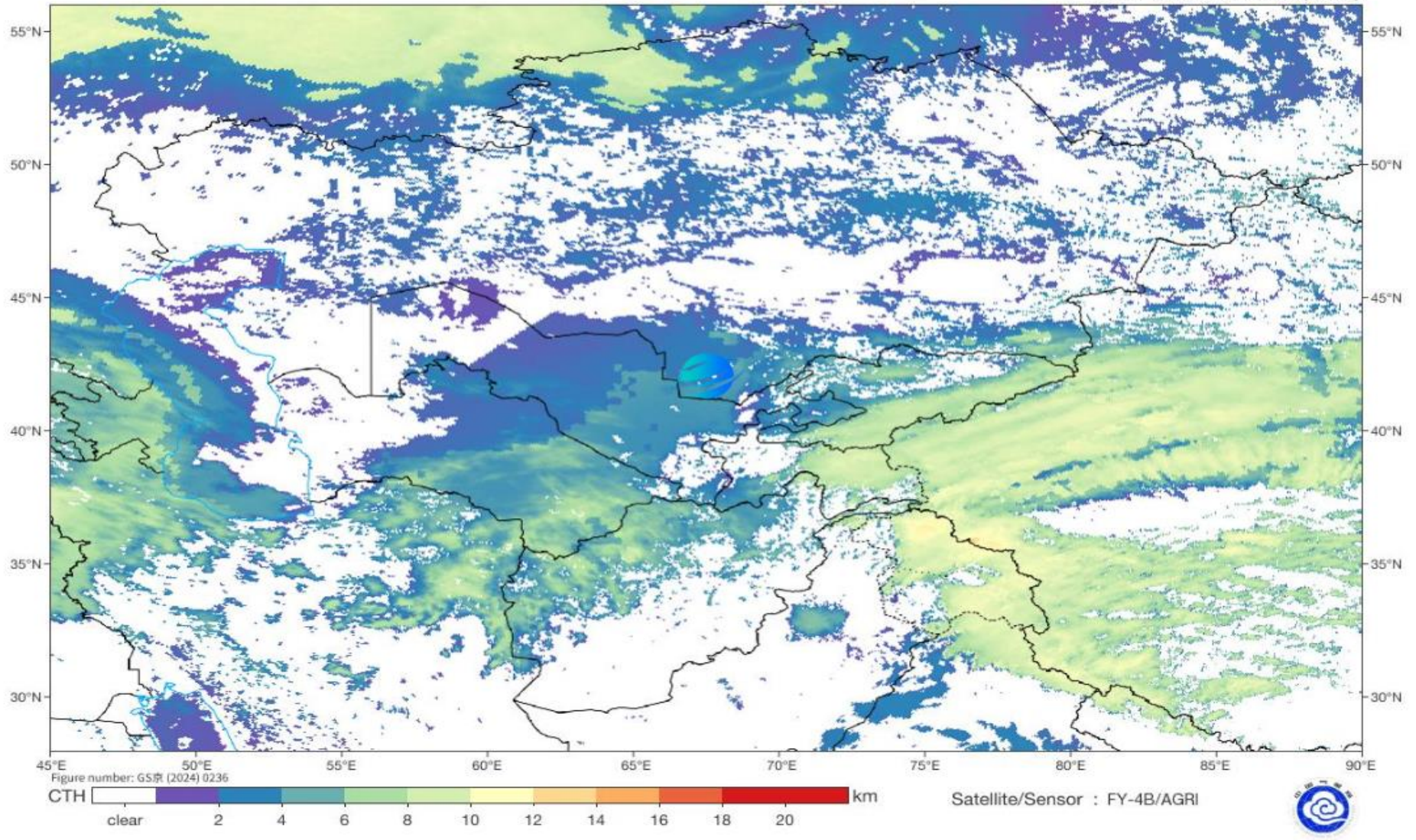
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

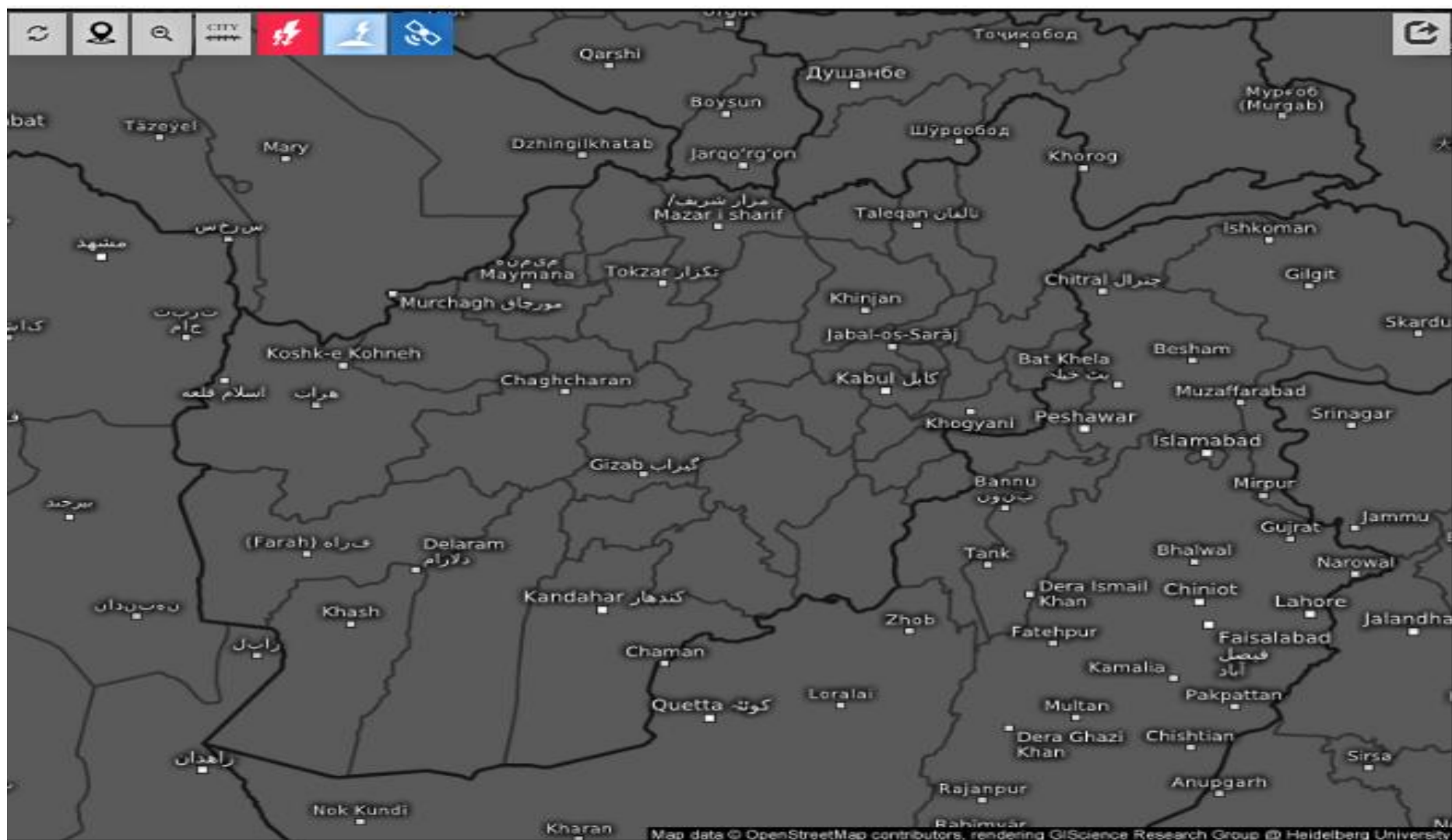
18-01-2026/(0415 to 0442) GMT
18-01-2026/(0945 to 1012) IST



Cloud Top Height

2026-01-18 05:30(UTC)





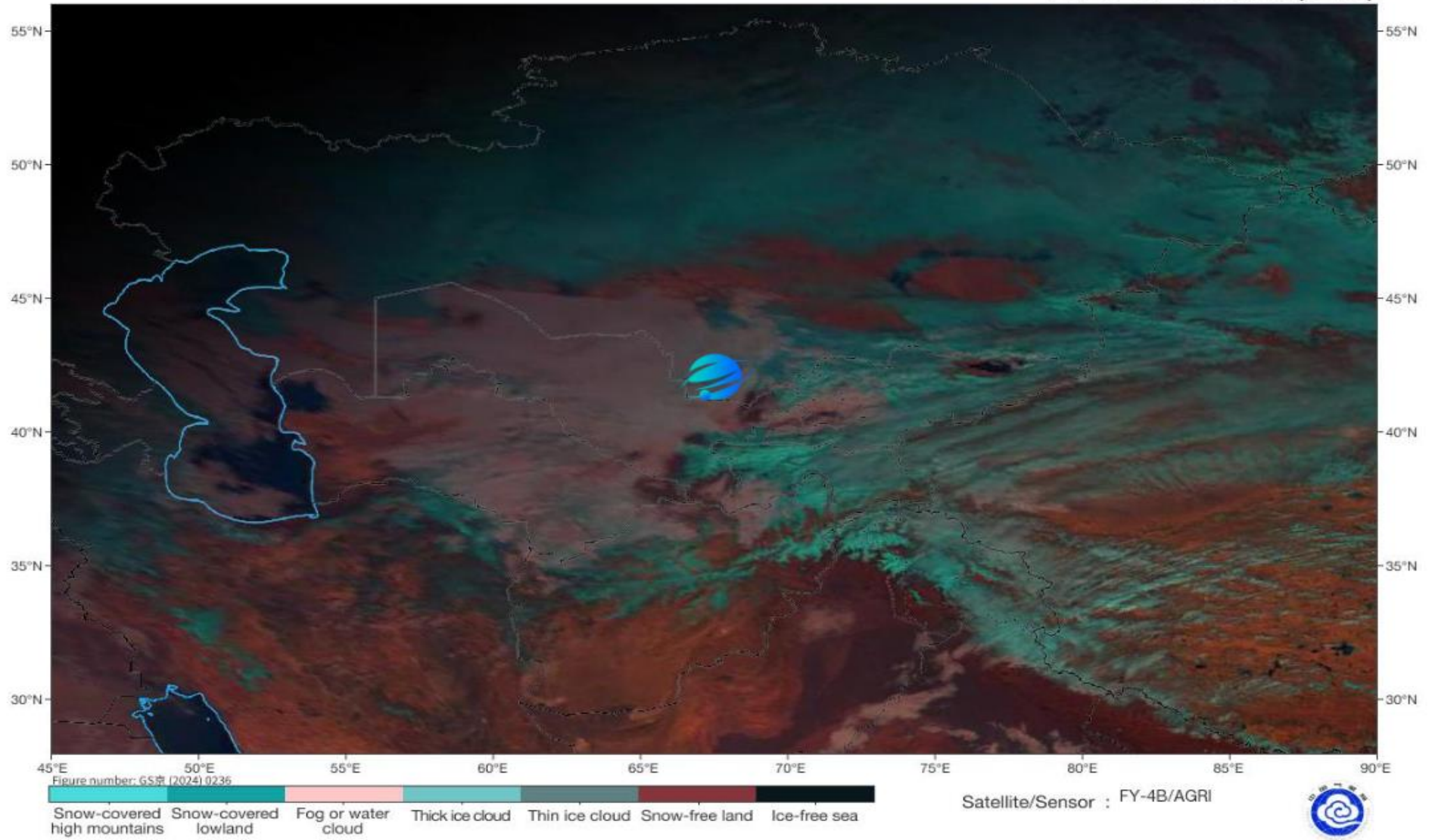
Age of lightning (minutes) 

Sun 01/18/2026, 10:15am GMT+0430



Fog Identification

2026-01-18 05:30(UTC)



Live satellite map, Afghanistan

