



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



Daily reports of Satellite imagery analysis. Date & Time: 19/01/2026, 09:00 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         |                   |
| 4  | East      | X        | X          | X             | ✓     | X   | √ moderate  | ✓                     | X         |                   |
| 5  | central   | ✓        | X          | X             | ✓     | X   | √ moderate  | X                     | X         |                   |
| 6  | Northeast | X        | X          | X             | ✓     | ✓   | √ wet/clod  | X                     | X         | High- Level Cloud |
| 7  | Southeast | ✓        | X          | X             | X     | X   | √ moderate  | ✓                     | X         |                   |
| 8  | Northwest | ✓        | X          | X             | ✓     | ✓   | √ moderate  | ✓                     | X         |                   |
| 9  | Southwest | ✓        | X          | X             | X     | X   | √ moderate  | X                     | X         |                   |

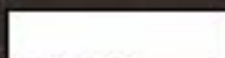
**Details:** according to satellite imagery analysis the northern, southern, western, central, southeastern, northwestern, southwestern regions have cold air mass. The northern, western, eastern, central, northeastern regions have cloudy sky. The northern, northeastern, northwestern region have Fog.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

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

- Reported by: Esmatullah Mohammadi

UTC: 2026-01-19 00:00

AirMass



Thick,

high-level cloud



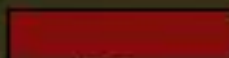
Thick,

mid-level cloud



Thick,

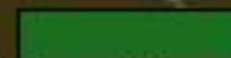
low-level cloud



Jet



Cold Airmass



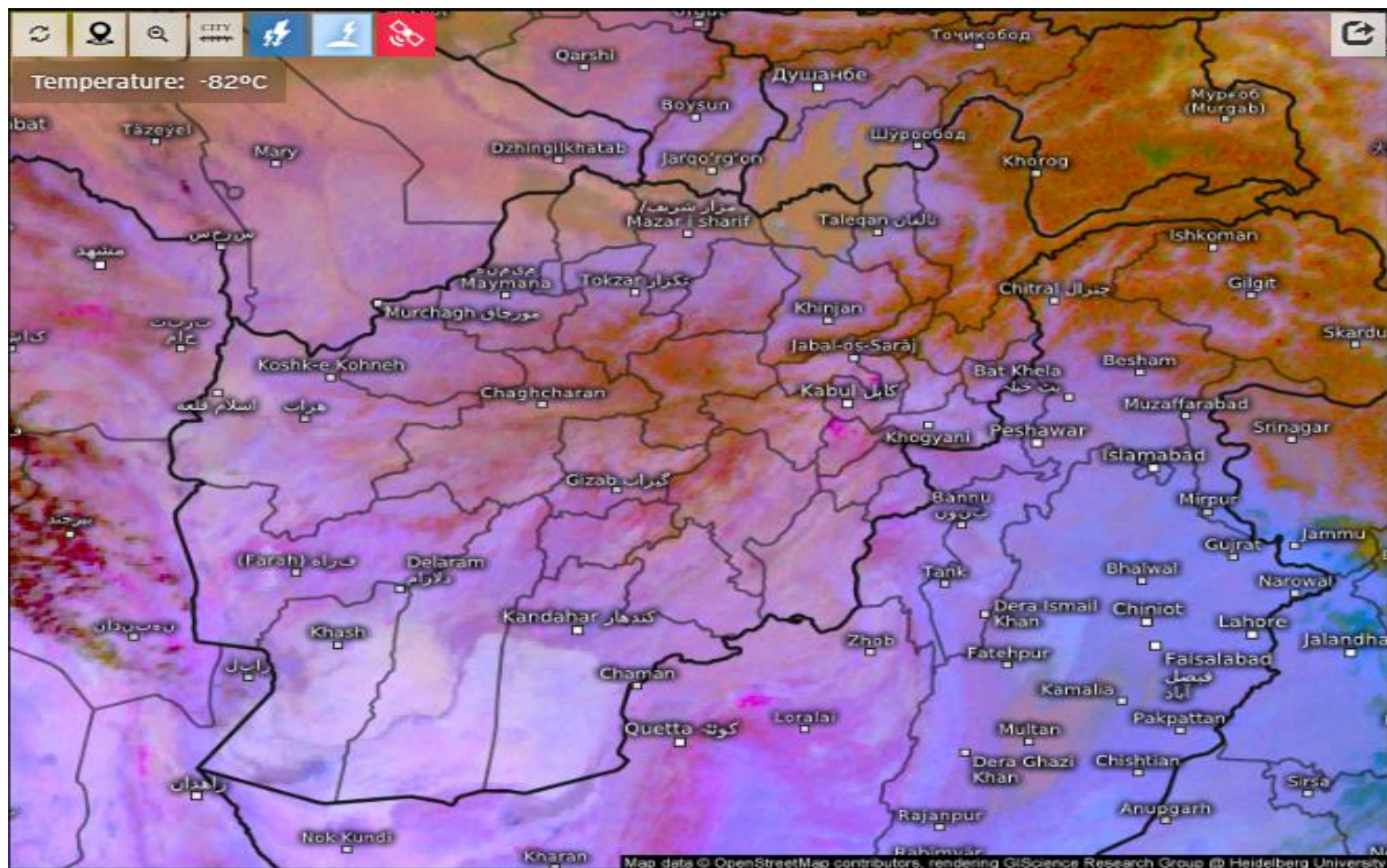
Warm Airmass

(high UTH)

FY-4B AirMass RGB Composite (From



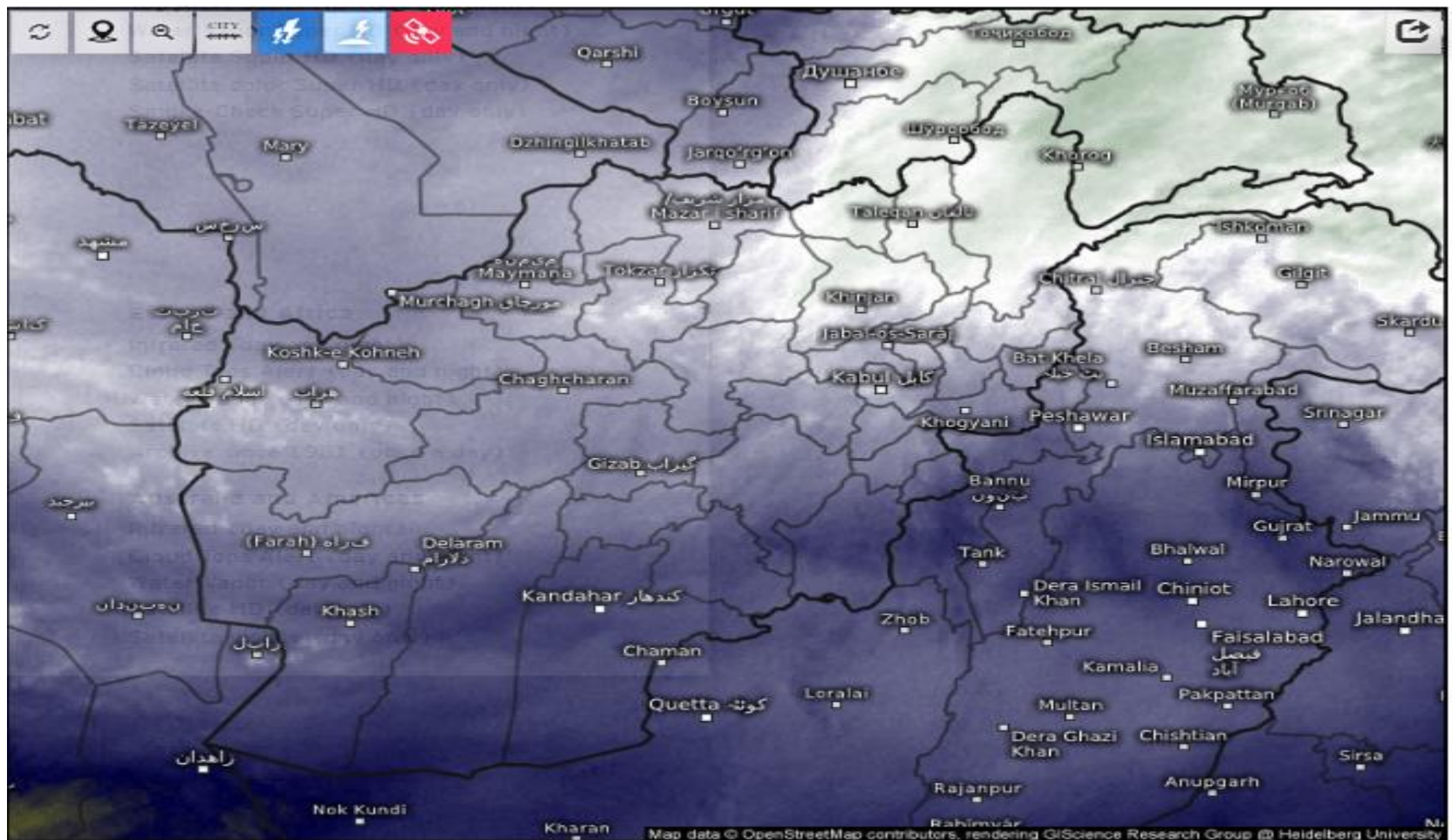




Satellite Dust 

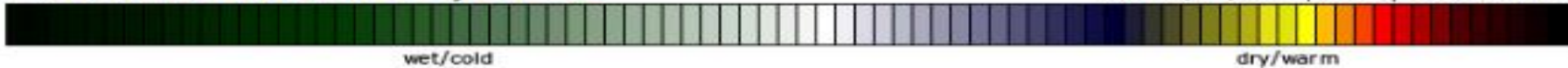
Mon 01/19/2026, 01:30pm GMT+0430





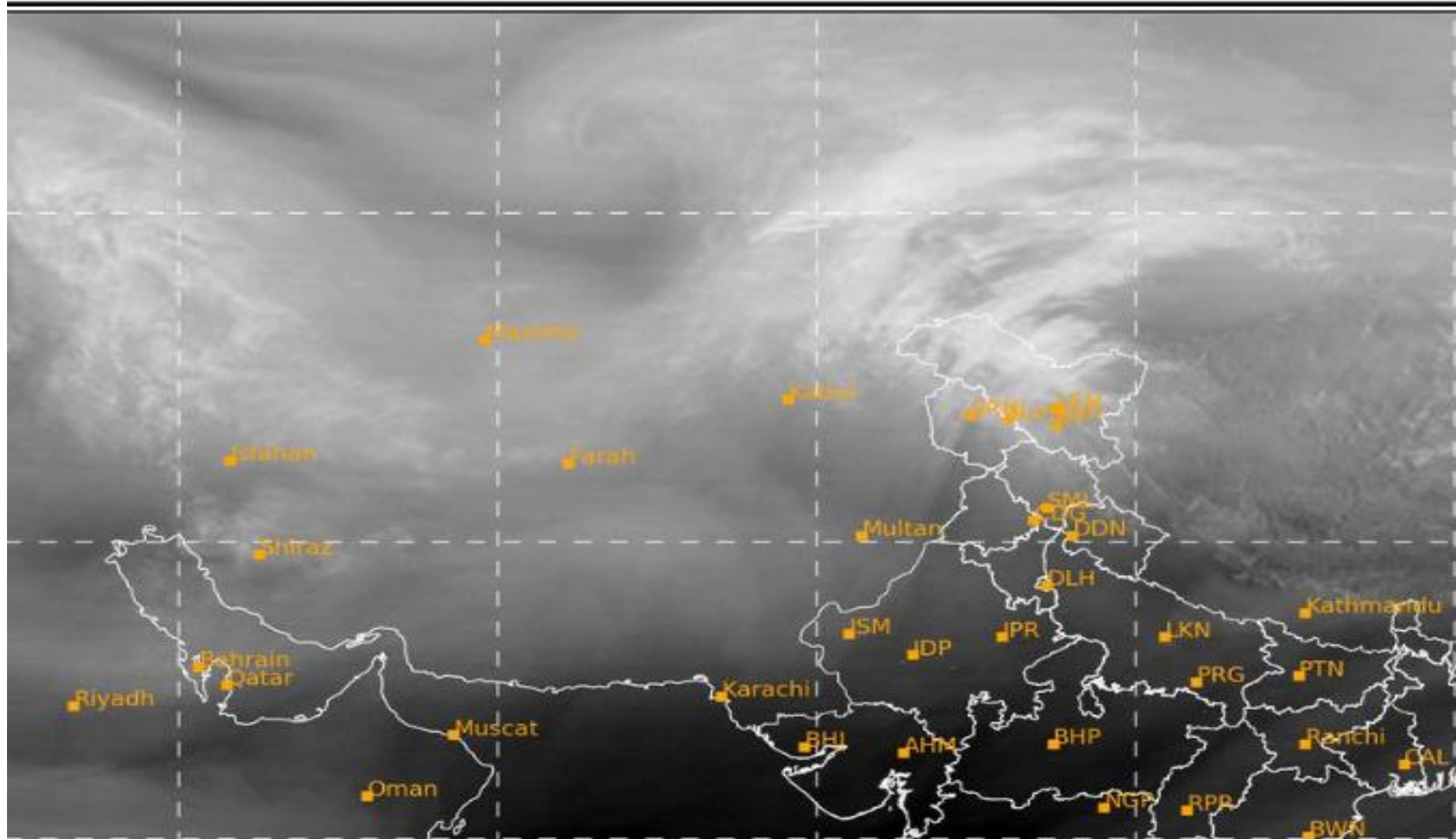
## Satellite Water Vapor

Mon 01/19/2026, 01:30pm GMT+0430



SAT : INSAT-3DR IMG  
IMG\_WV 6.8 um  
L1C Mercator

19-01-2026/(0345 to 0412) GMT  
19-01-2026/(0915 to 0942) IST



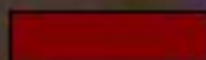


UTC: 2026-01-18 23:45

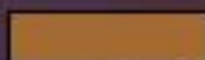
Dust



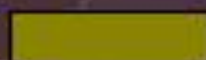
Dust



High-level cloud



Thick,  
mid-level cloud



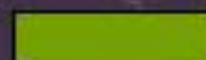
Thin,  
mid-level cloud



Ocean



Land



Low-level cloud

**FY-4B Dust RGB Composite (From WM**

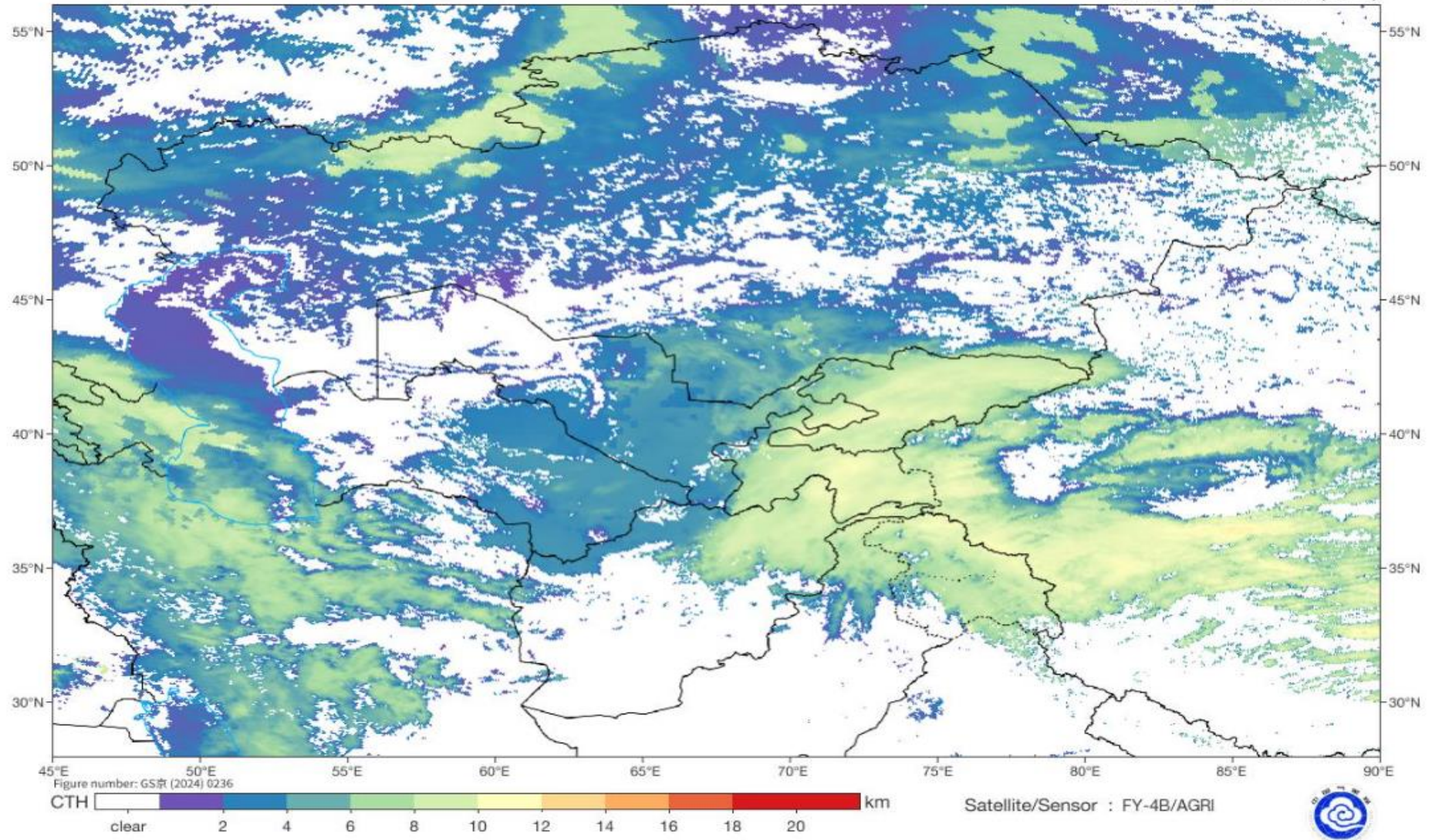




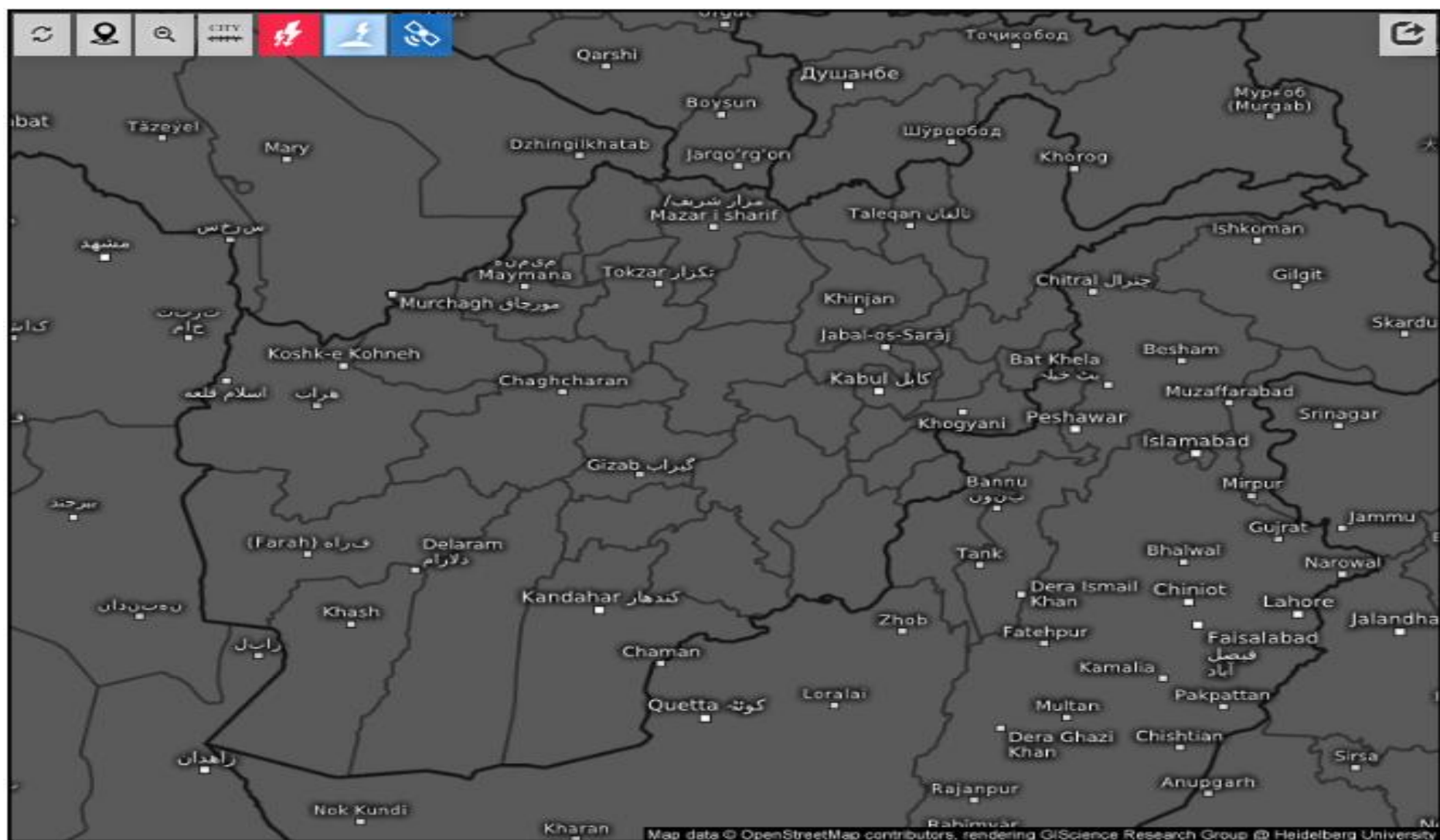


# Cloud Top Height

2026-01-19 08:45(UTC)







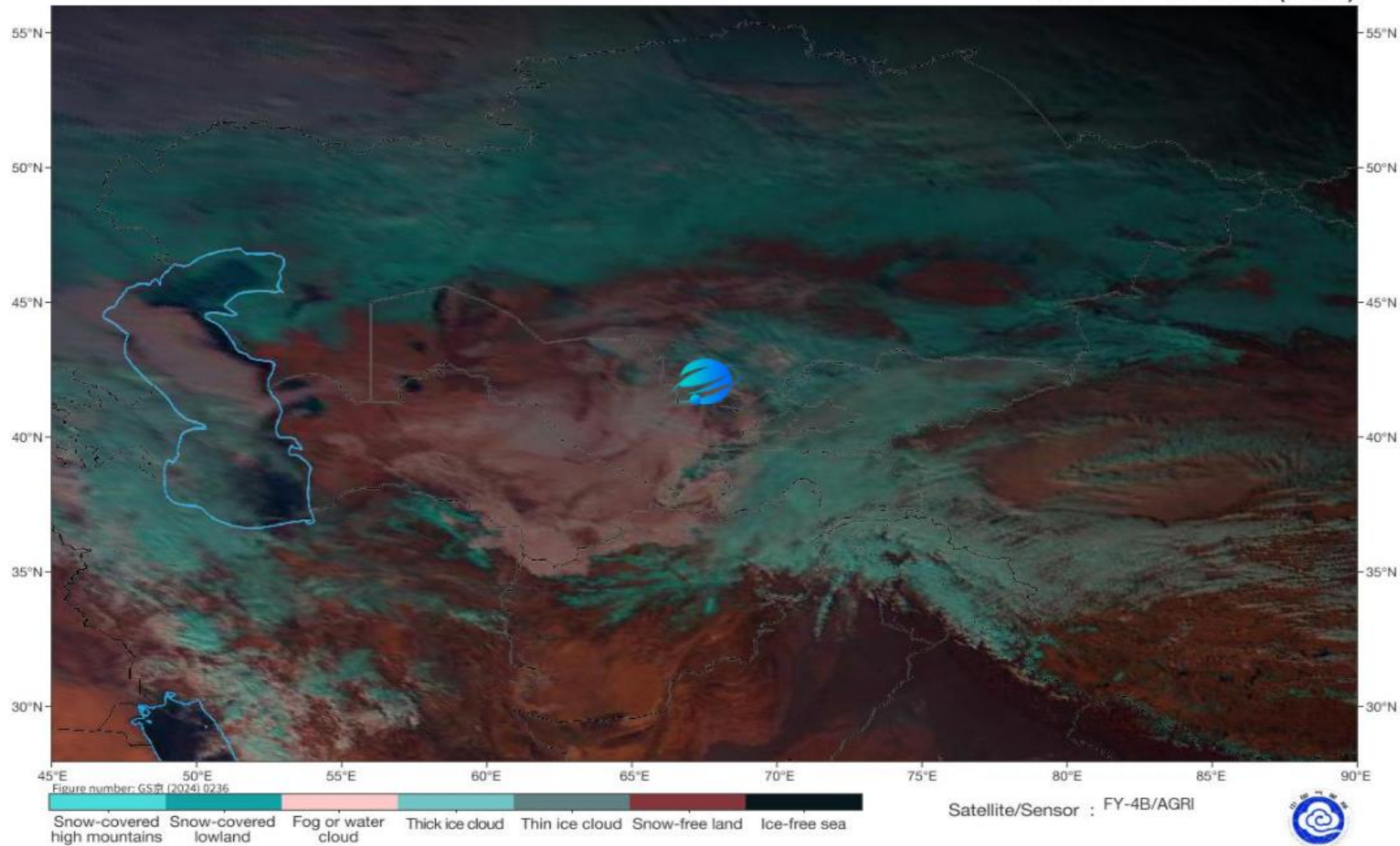
Age of lightning (minutes) 

Mon 01/19/2026, 01:45pm GMT+0430



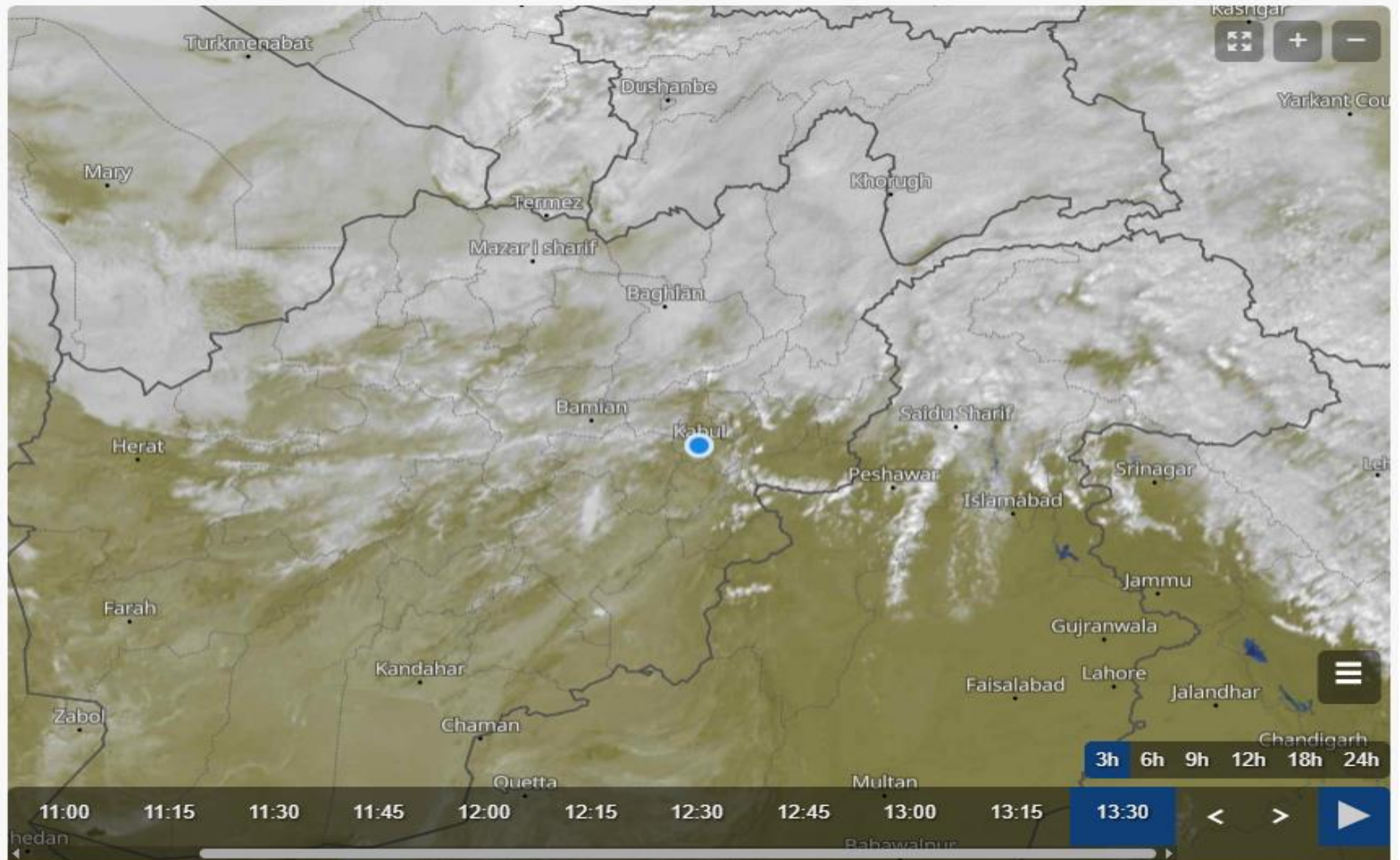
# Fog Identification

2026-01-19 08:45(UTC)





## Live satellite map, Afghanistan





## Init: 12z Jan 14 2026 Forecast Hour: [120] valid at 12z Mon, Jan 19 2026

Init: 12z Jan 14 2026 Forecast Hour: [120] valid at 12z Mon, Jan 19 2026

