



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



Daily reports of Satellite imagery analysis. Date & Time: 17/06/2026, 03:00 UTC

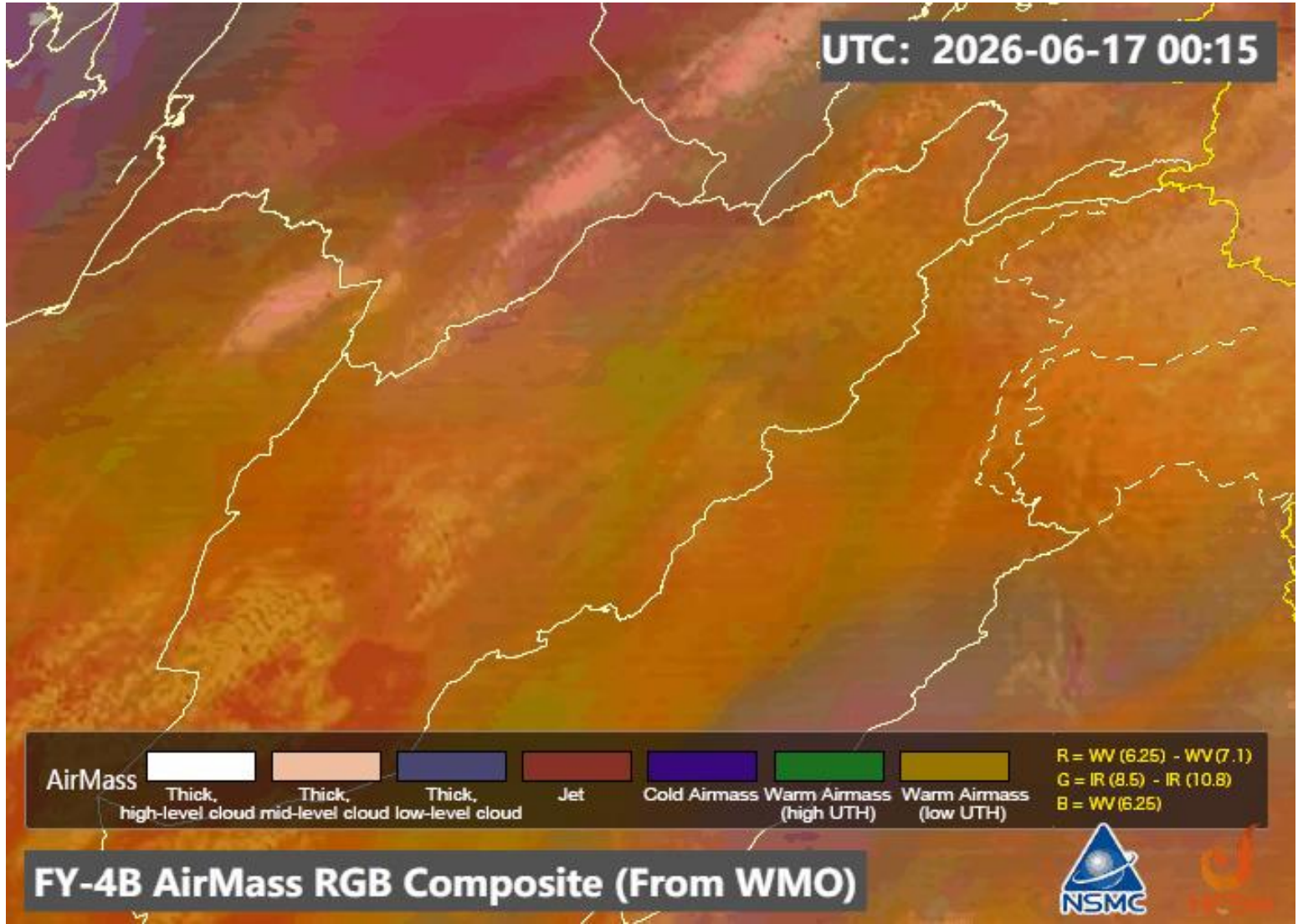
| No | Region    | Air Mass | Dust Storm | Thunder storm | Cloud | Fog | Water Vapor | Cyclone & Anticyclone | Jetstream | Comments |
|----|-----------|----------|------------|---------------|-------|-----|-------------|-----------------------|-----------|----------|
| 1  | North     | ✓        | ✓ 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

**Details:** According to satellite imagery analysis the northern, southern, western, eastern, central, northeastern, southeastern, northwestern, and southwestern areas have warm air mass. The northern, southern, western, central, southeastern, northwestern, and southwestern areas have dust storm. Some parts of northern, western, northeastern, and southwestern areas have partly cloudy sky. Some parts of northern and northeastern areas have moderate water vapor. The southern, western, eastern, central, southeastern, northwestern, and southwestern areas have weak water vapor. Some parts of northern areas have Jetstream.

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

- Reported by: Sayed Taher Atlas

UTC: 2026-06-17 00:15



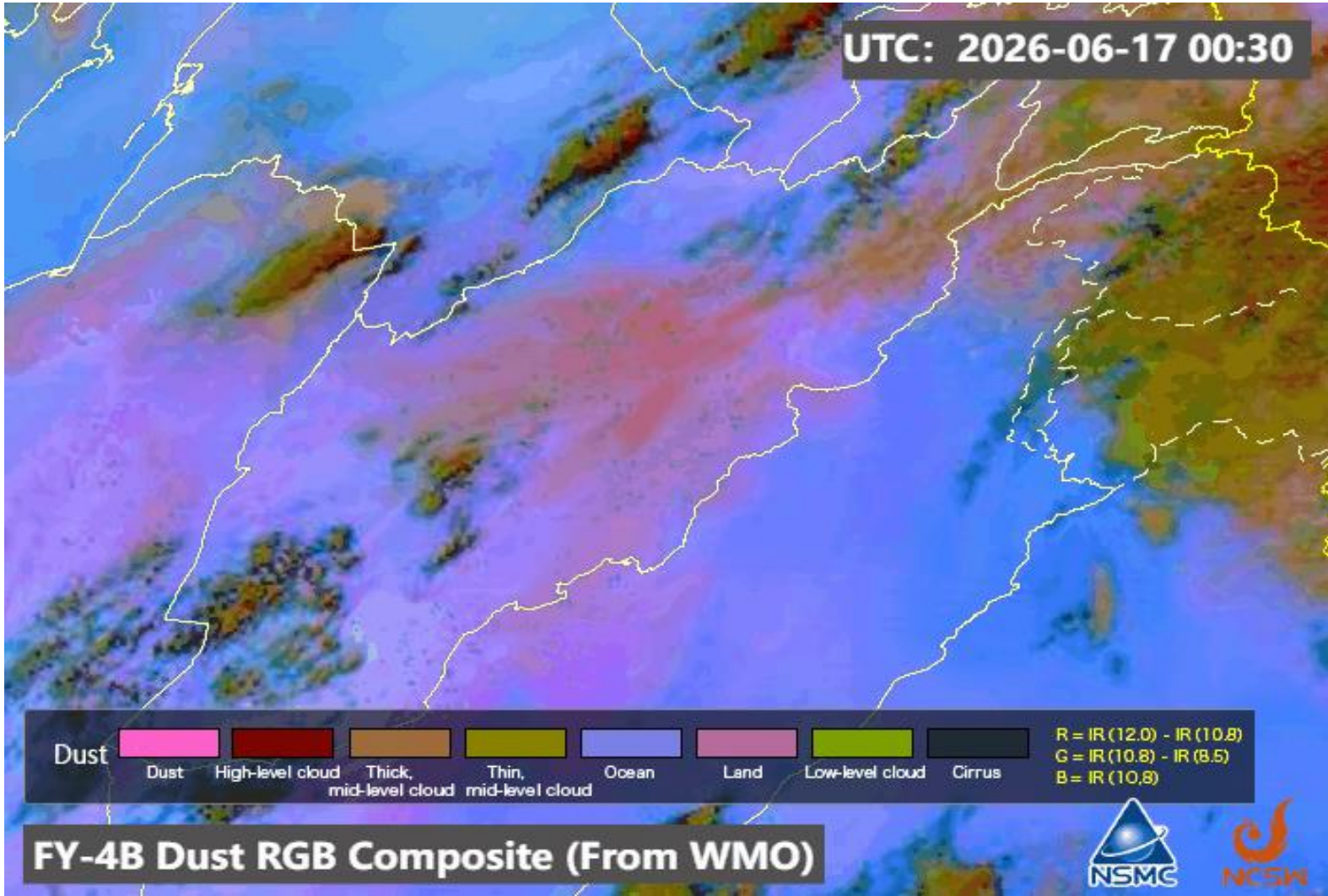
**AirMass**

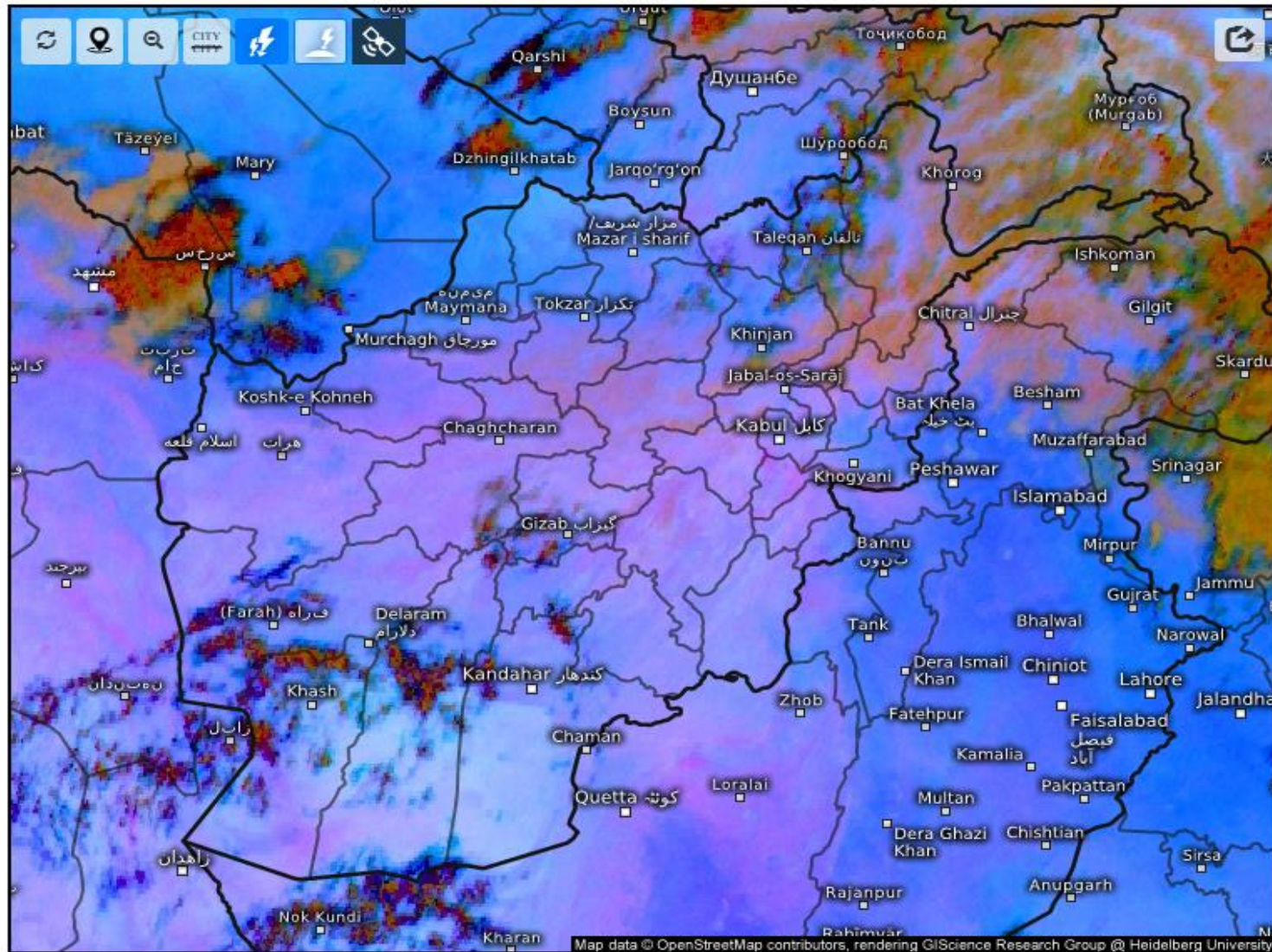
|                            |                           |                           |     |              |                            |                           |                          |
|----------------------------|---------------------------|---------------------------|-----|--------------|----------------------------|---------------------------|--------------------------|
|                            |                           |                           |     |              |                            |                           | R = WV (6.25) - WV (7.1) |
| Thick,<br>high-level cloud | Thick,<br>mid-level cloud | Thick,<br>low-level cloud | Jet | Cold Airmass | Warm Airmass<br>(high UTH) | Warm Airmass<br>(low UTH) | G = IR (8.5) - IR (10.8) |
|                            |                           |                           |     |              |                            |                           | B = WV (6.25)            |

**FY-4B AirMass RGB Composite (From WMO)**



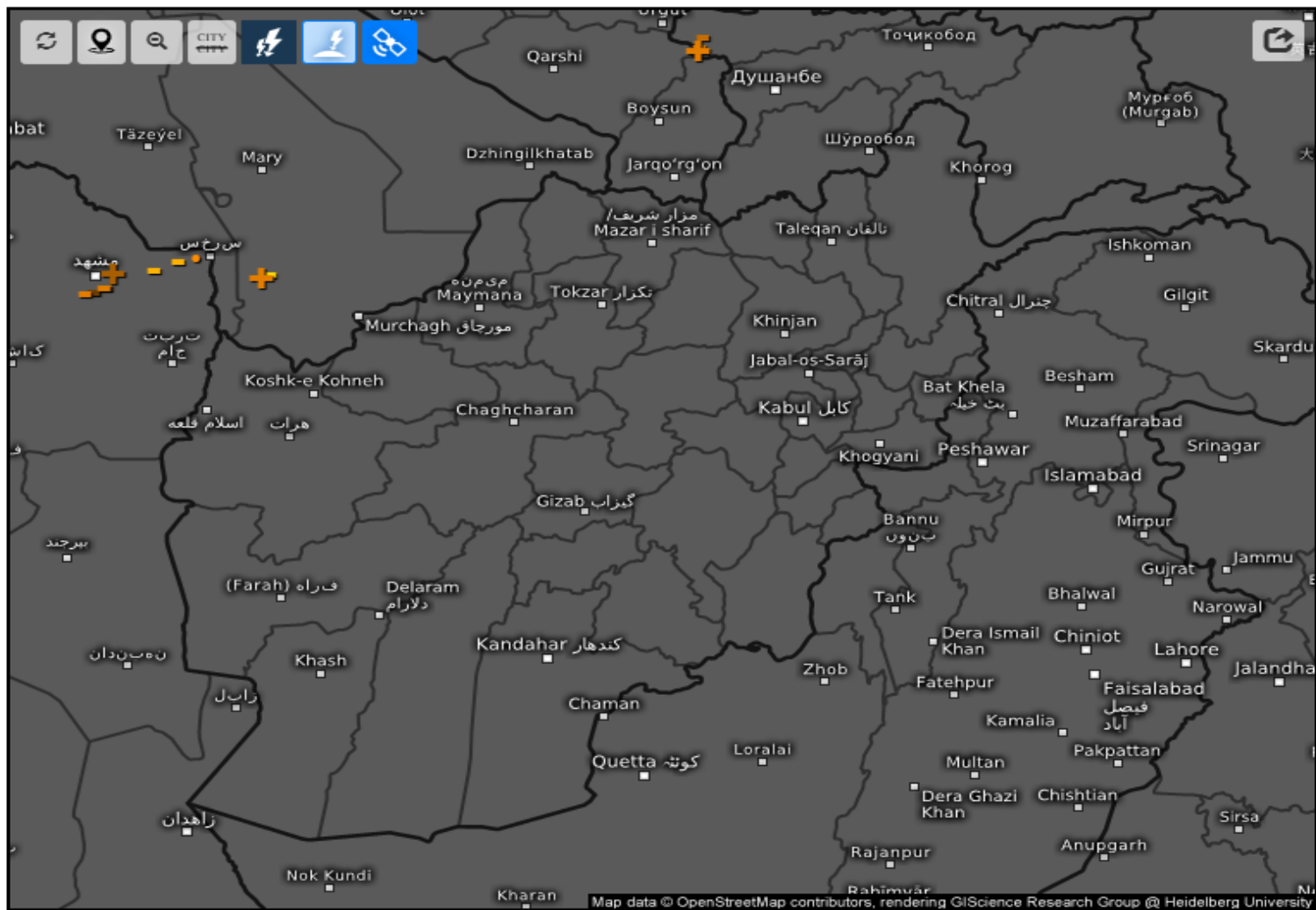
UTC: 2026-06-17 00:30





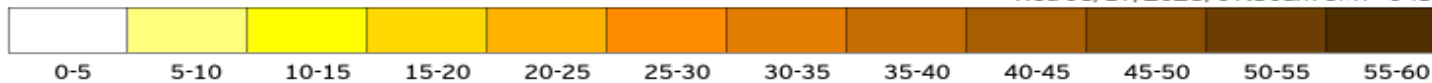
Satellite Dust 

Wed 06/17/2026, 07:30am GMT+0430



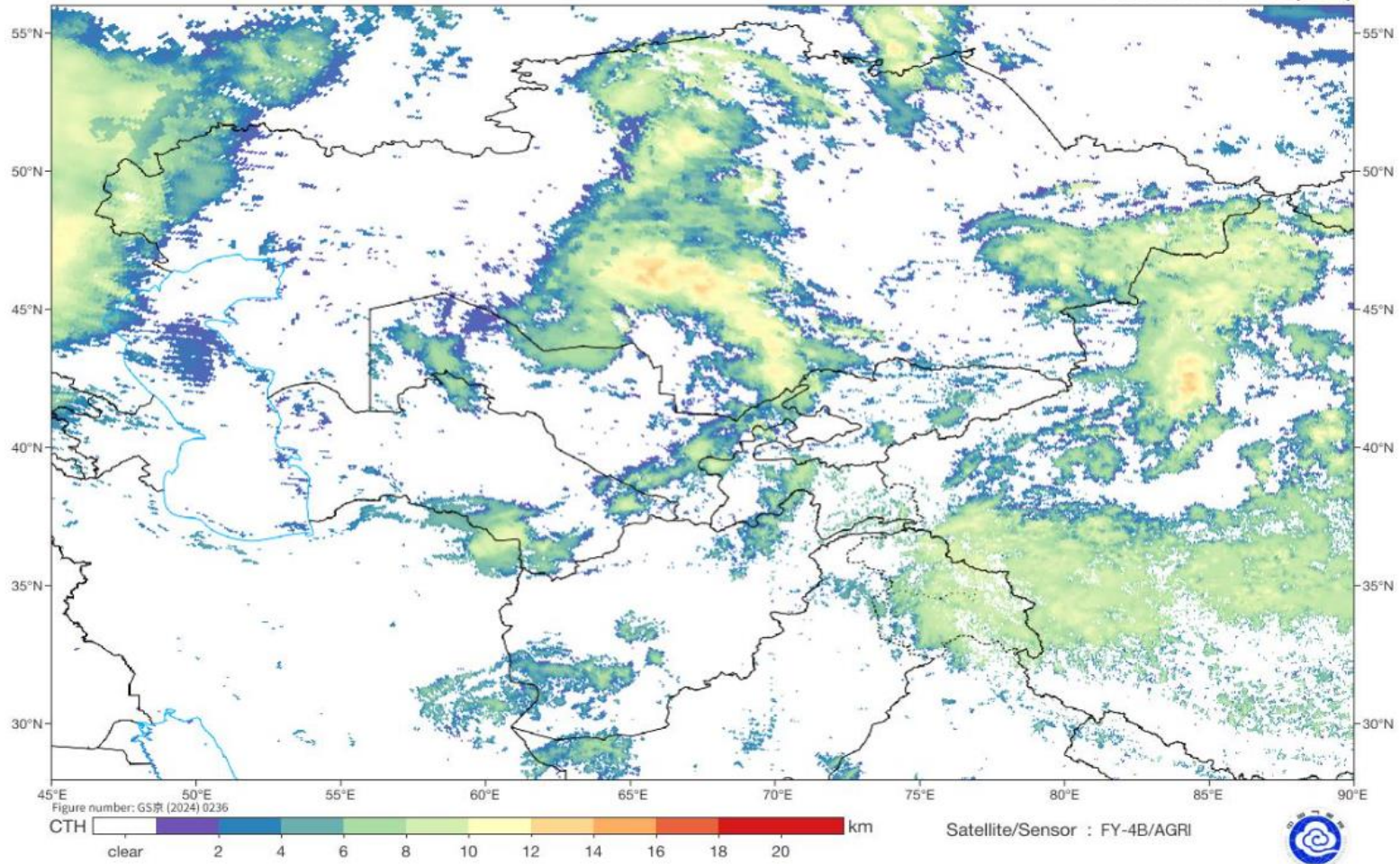
**Age of lightning (minutes)** ⓘ

Wed 06/17/2026, 07:30am GMT+0430

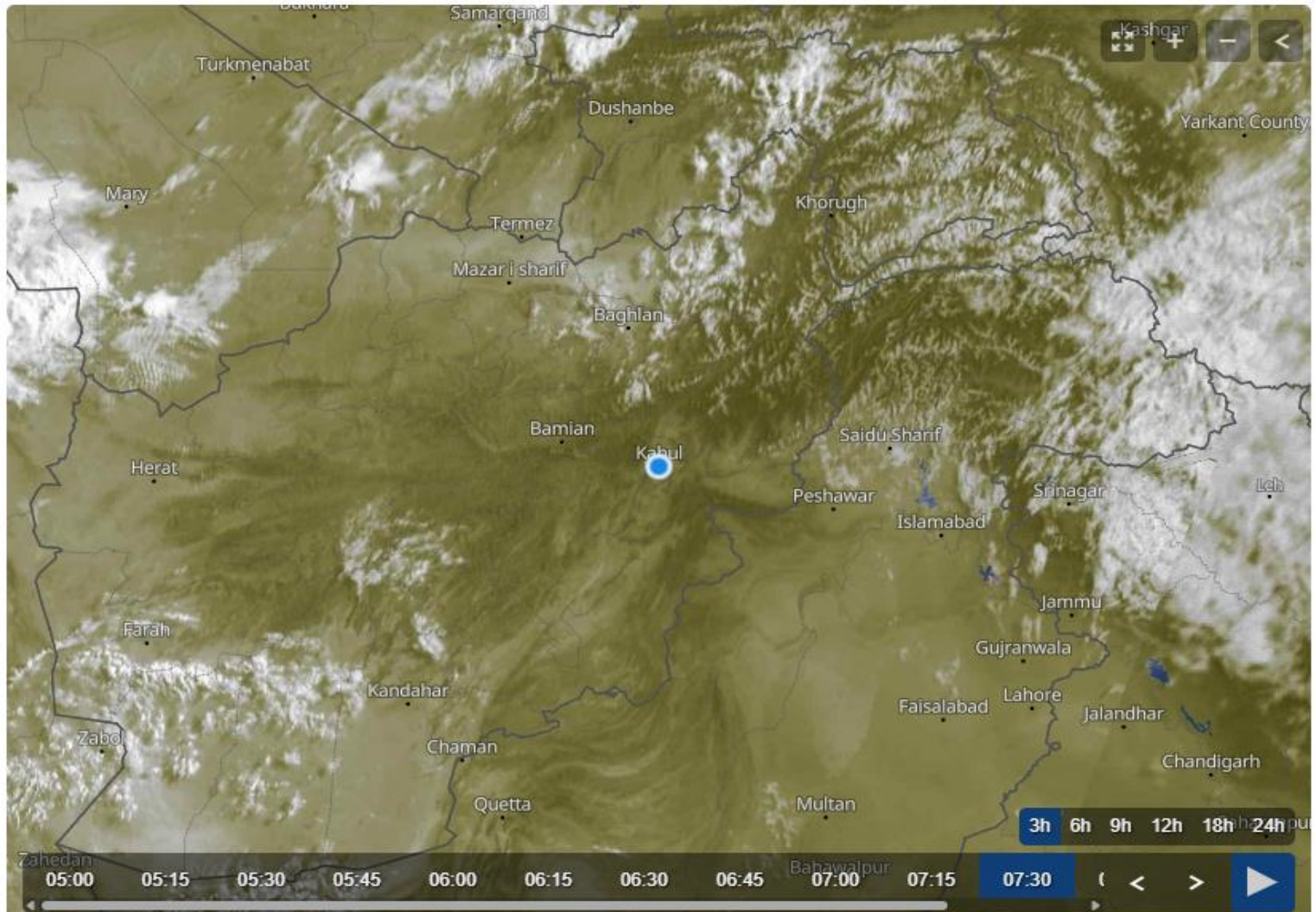


# Cloud Top Height

2026-06-17 03:00(UTC)

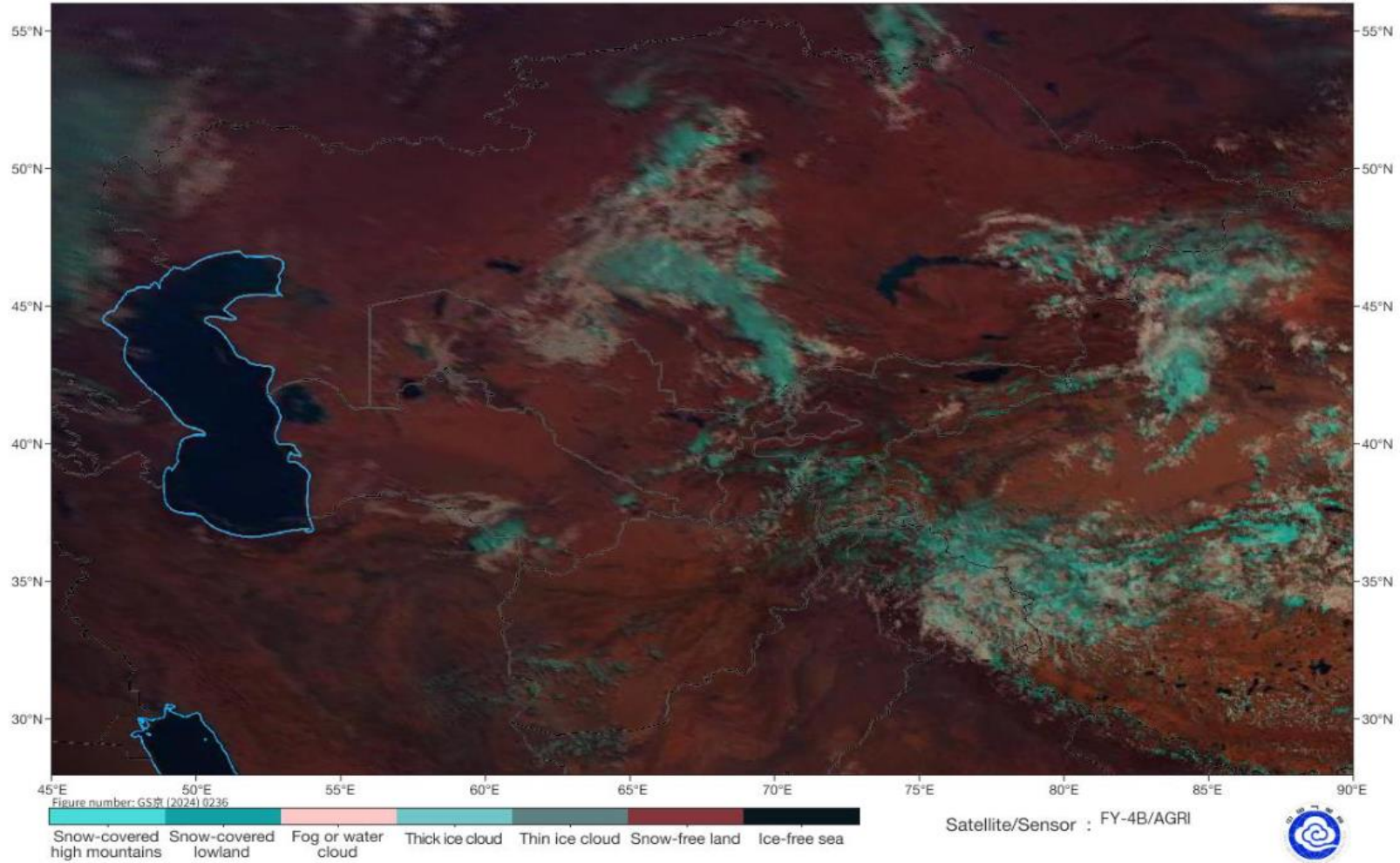


## Live satellite map, Afghanistan



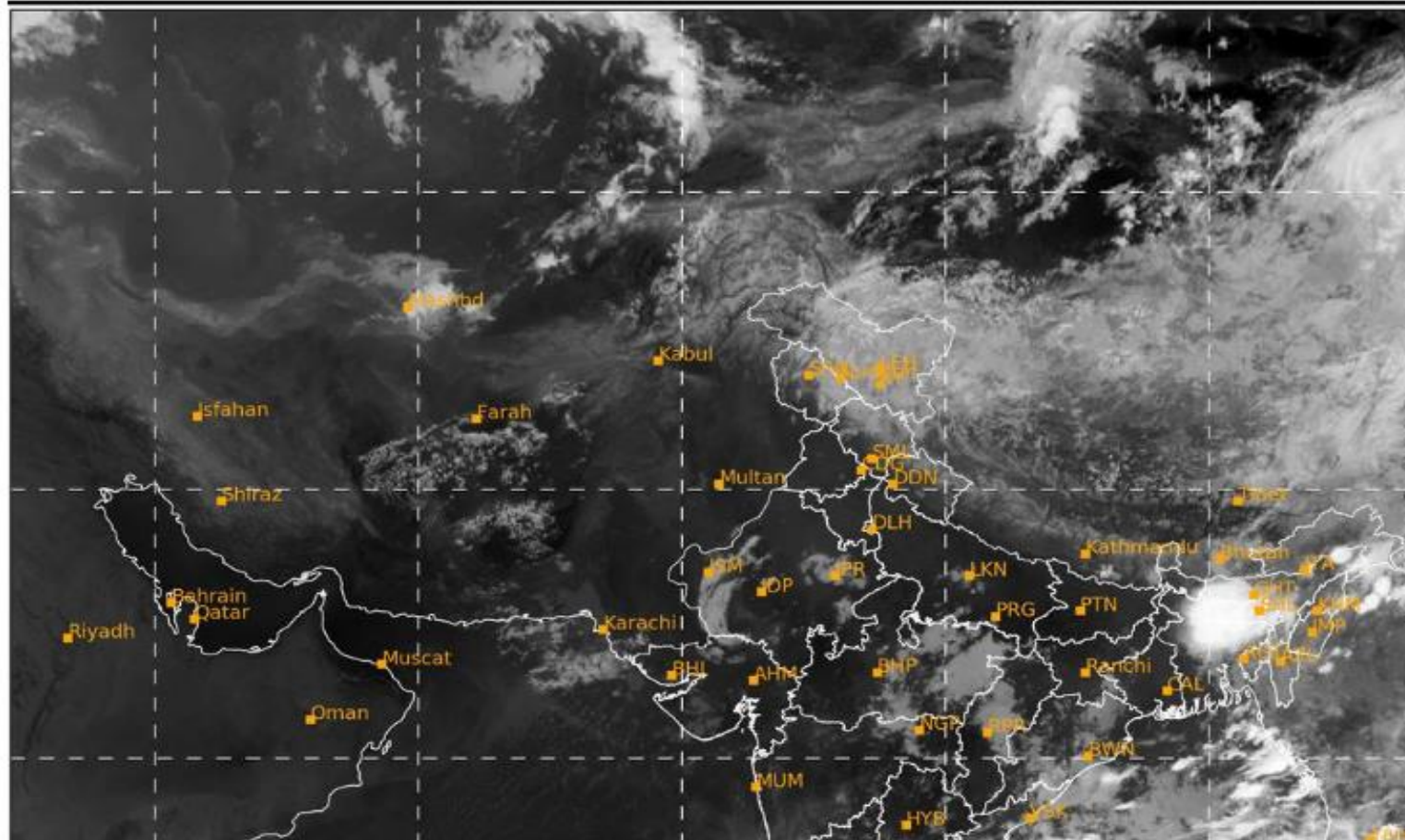
# Fog Identification

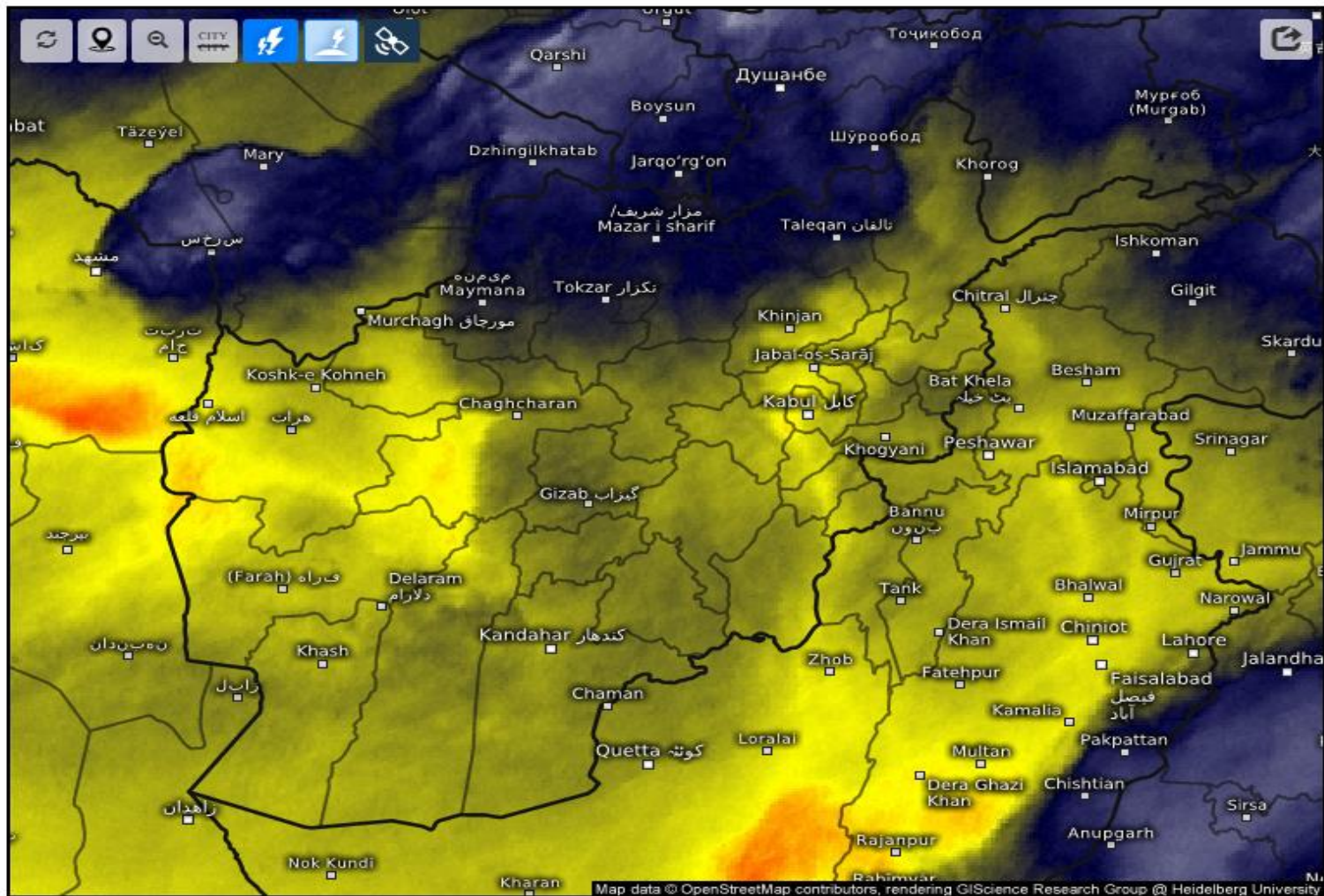
2026-06-17 03:00(UTC)



SAT : INSAT-3DR IMG  
IMG\_TIR1 10.8 um  
L1C Mercator

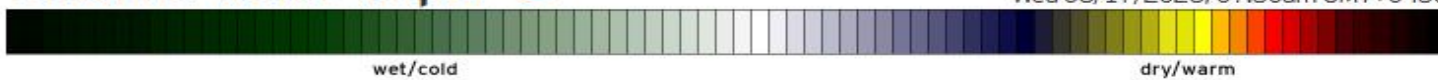
17-06-2026/(0215 to 0242) GMT  
17-06-2026/(0745 to 0812) IST





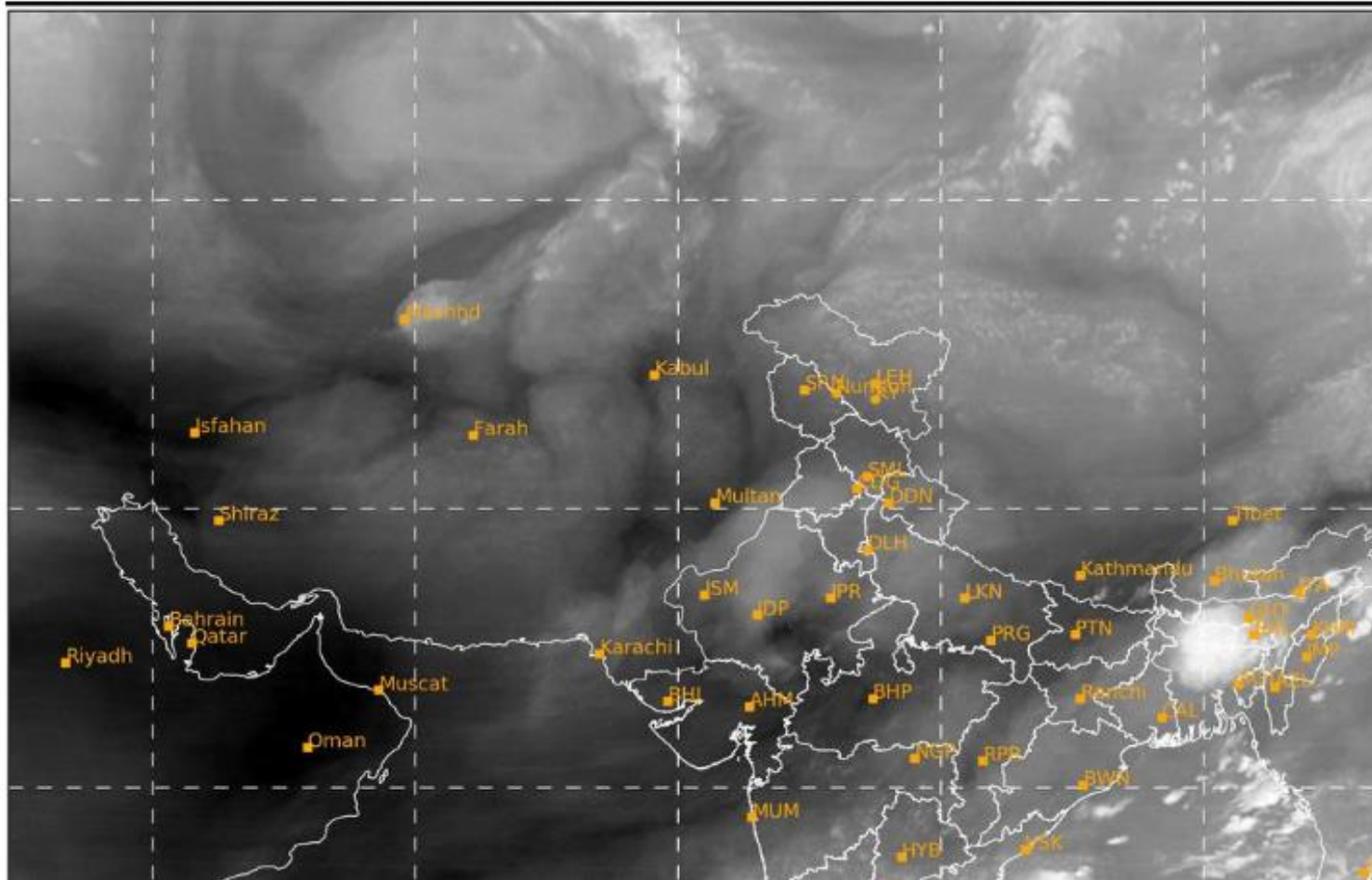
### Satellite Water Vapor

Wed 06/17/2026, 07:30am GMT+0430



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

17-06-2026/(0215 to 0242) GMT  
17-06-2026/(0745 to 0812) IST



# Land Surface Temperature

2026-06-17 03:00(UTC)

