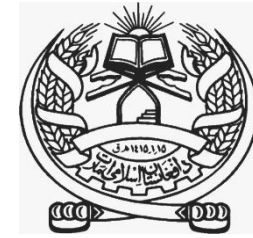




Islamic Emirate of Afghanistan
Ministry of Transport & Aviation
Afghanistan meteorological Department
Forecast Division
Satellite General Management



Daily reports of Satellite imagery analysis. Date & Time: 16/06/2026, 03:00 UTC

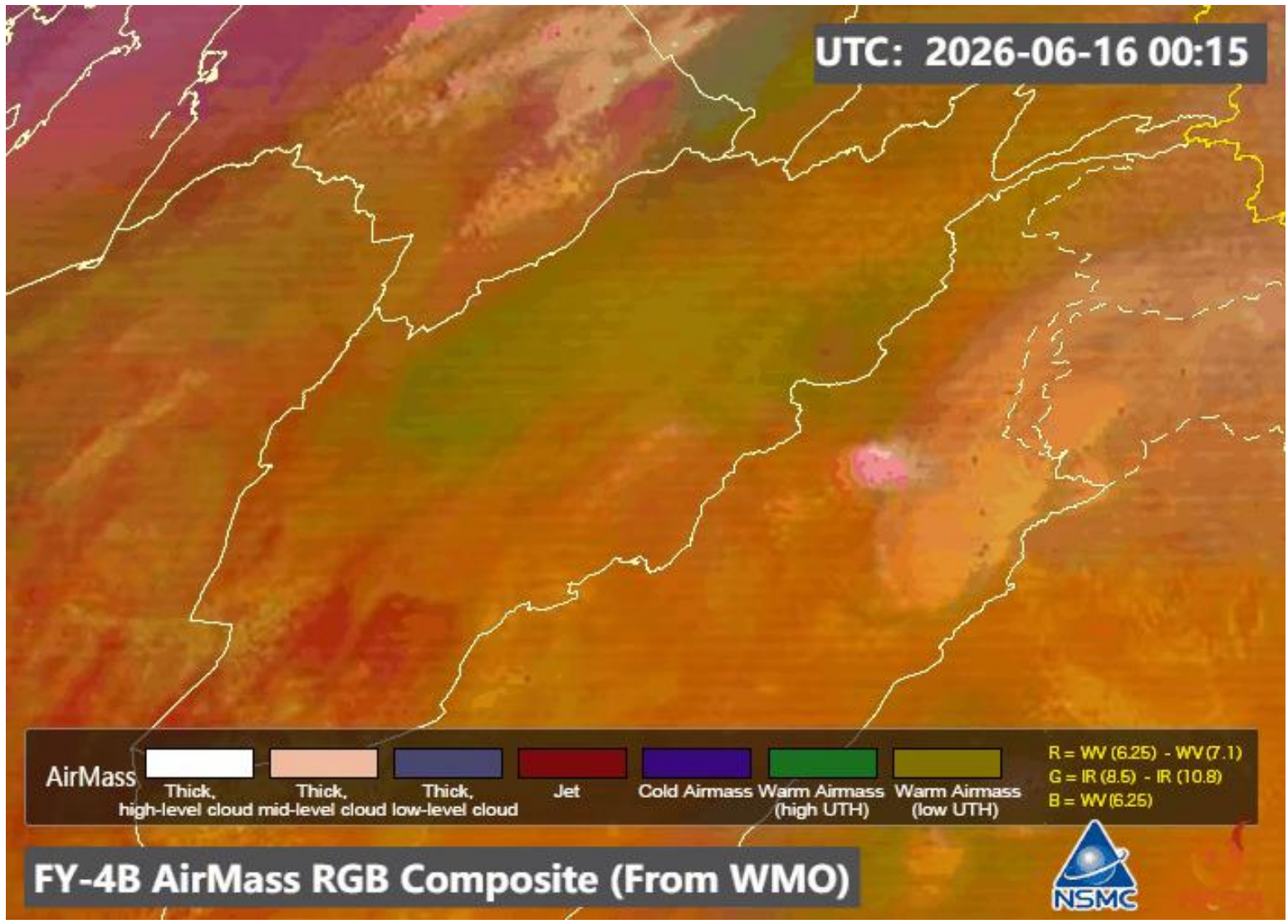
No	Region	Air Mass	Dust Storm	Thunder storm	Cloud	Fog	Water Vapor	Cyclone & Anticyclone	Jetstream	Comments
1	North	✓	X	X	X	X	✓ Weak	X	✓	
2	South	✓	✓	X	X	X	✓ Weak	X	X	
3	West	✓	✓	X	✓	X	✓ Weak	X	X	
4	East	✓	X	X	X	X	✓ Weak	X	X	
5	central	✓	✓	X	X	X	✓ Weak	X	X	
6	Northeast	✓	X	X	X	X	✓ Weak	X	X	
7	Southeast	✓	✓	X	X	X	✓ Weak	X	X	
8	Northwest	✓	✓	X	X	X	✓ Weak	X	X	
9	Southwest	✓	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 warm air mass. The southern, western, central, southeastern, and northwestern areas have dust storm. Some parts of western and southwestern areas have partly cloudy sky. The northern, southern, western, eastern, central, northeastern, 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: 2026-06-16 00:15



AirMass

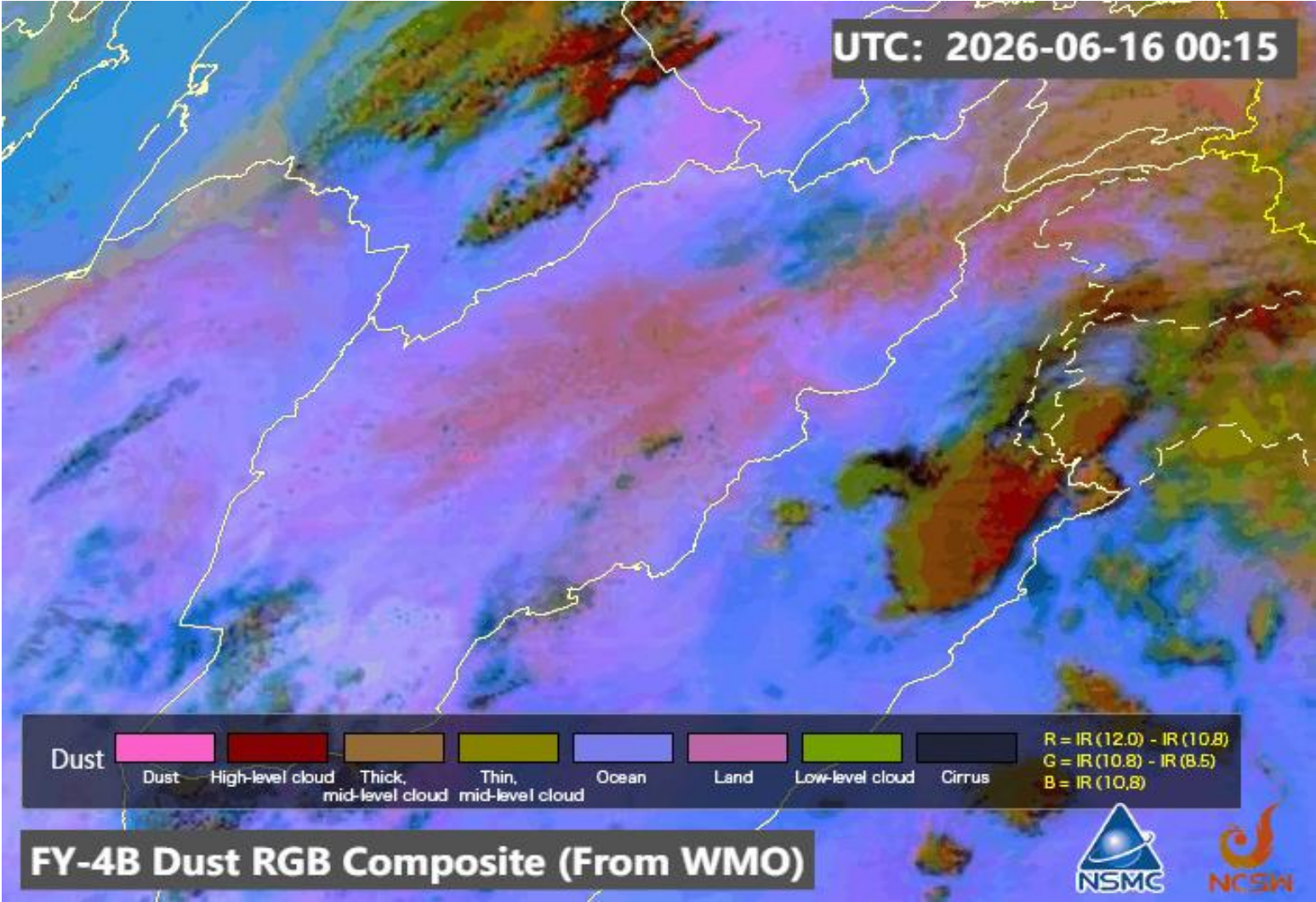
						
Thick, high-level cloud	Thick, mid-level cloud	Thick, low-level cloud	Jet	Cold Airmass	Warm Airmass (high UTH)	Warm Airmass (low UTH)

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)

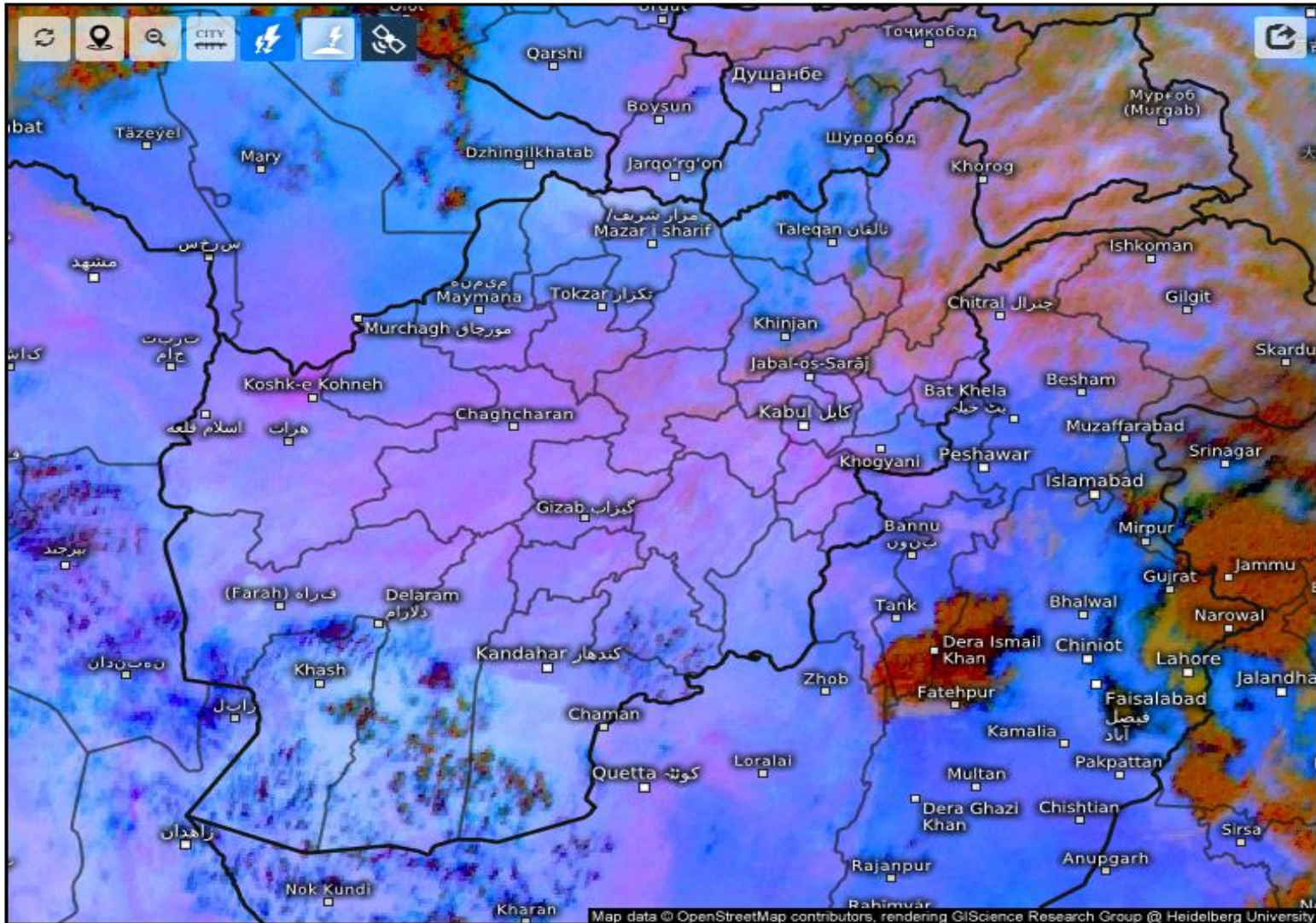


UTC: 2026-06-16 00:15



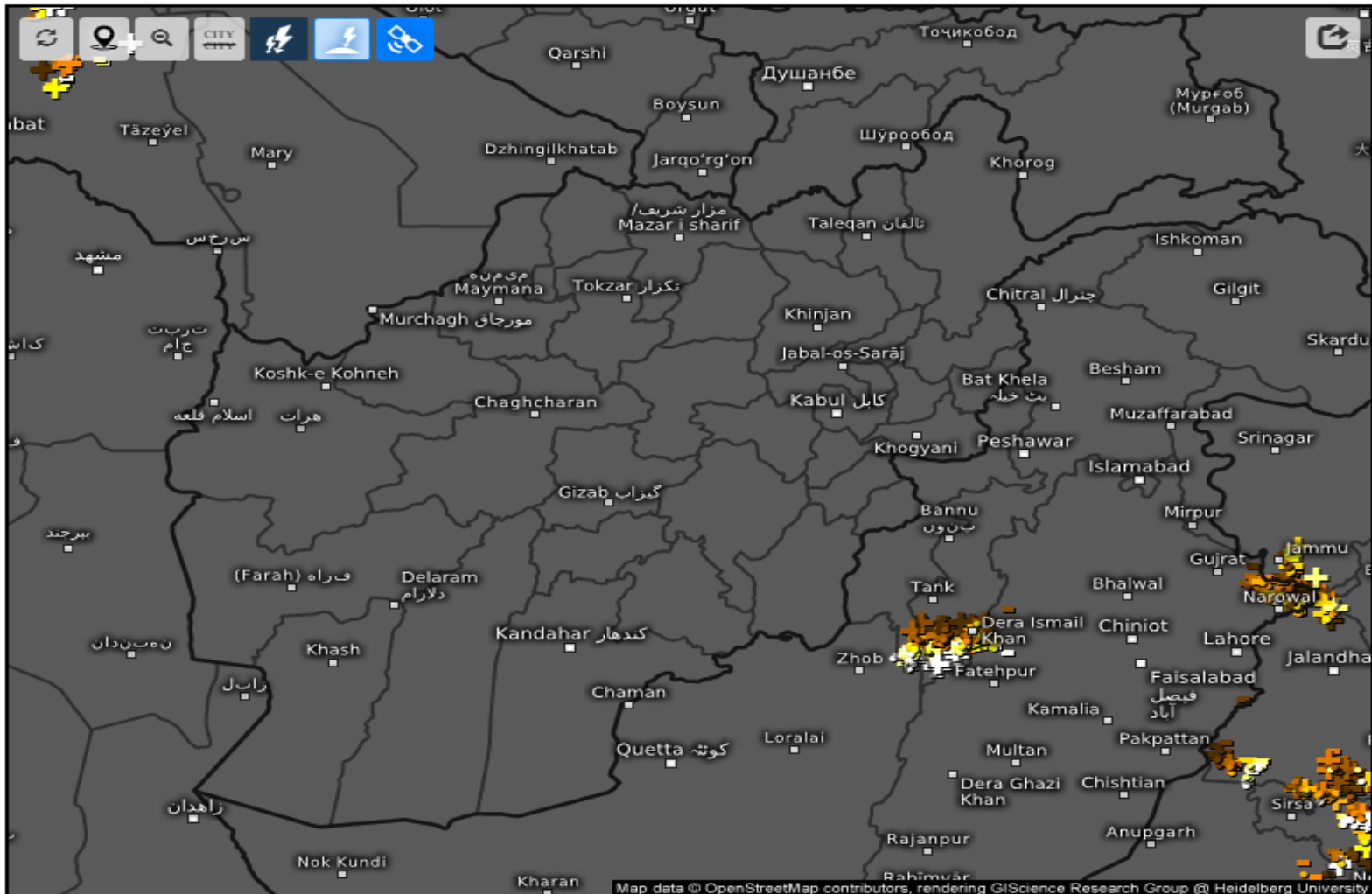
FY-4B Dust RGB Composite (From WMO)





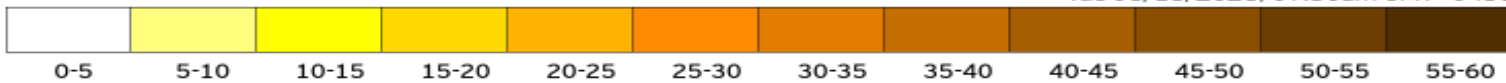
Satellite Dust 

Tue 06/16/2026, 07:30am GMT+0430



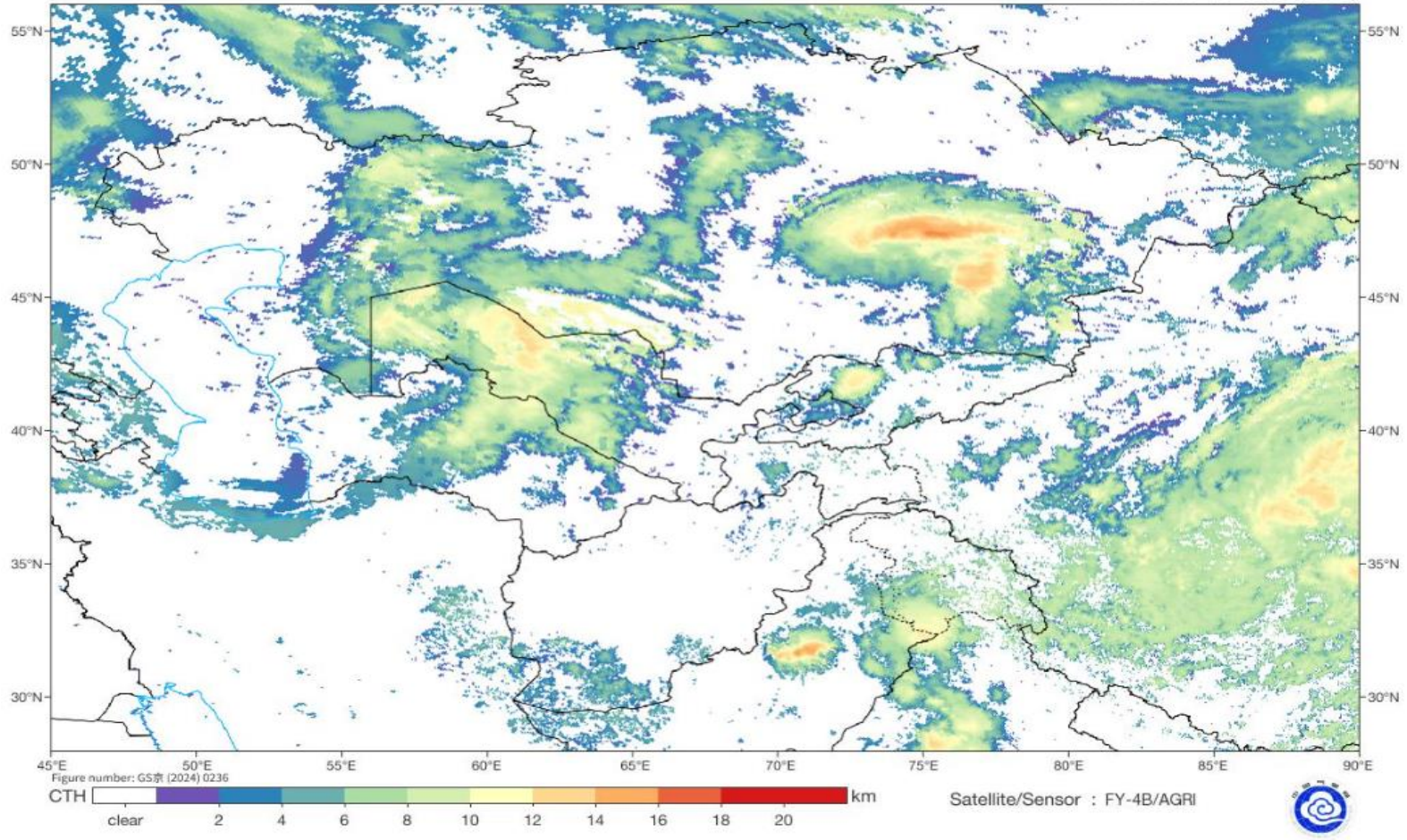
Age of lightning (minutes) 

Tue 06/16/2026, 07:30am GMT+0430



Cloud Top Height

2026-06-16 03:00(UTC)

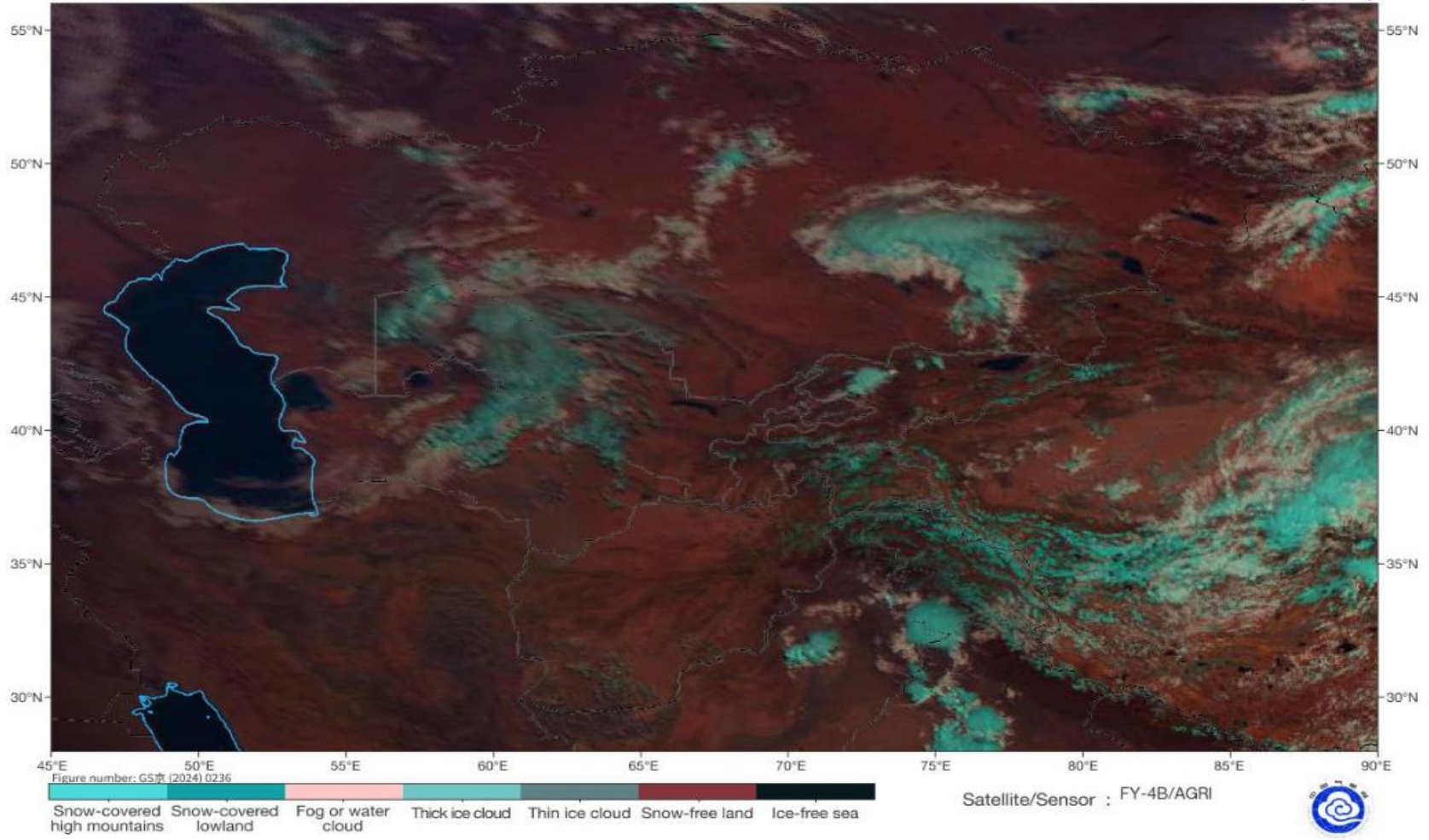


Live satellite map, Afghanistan



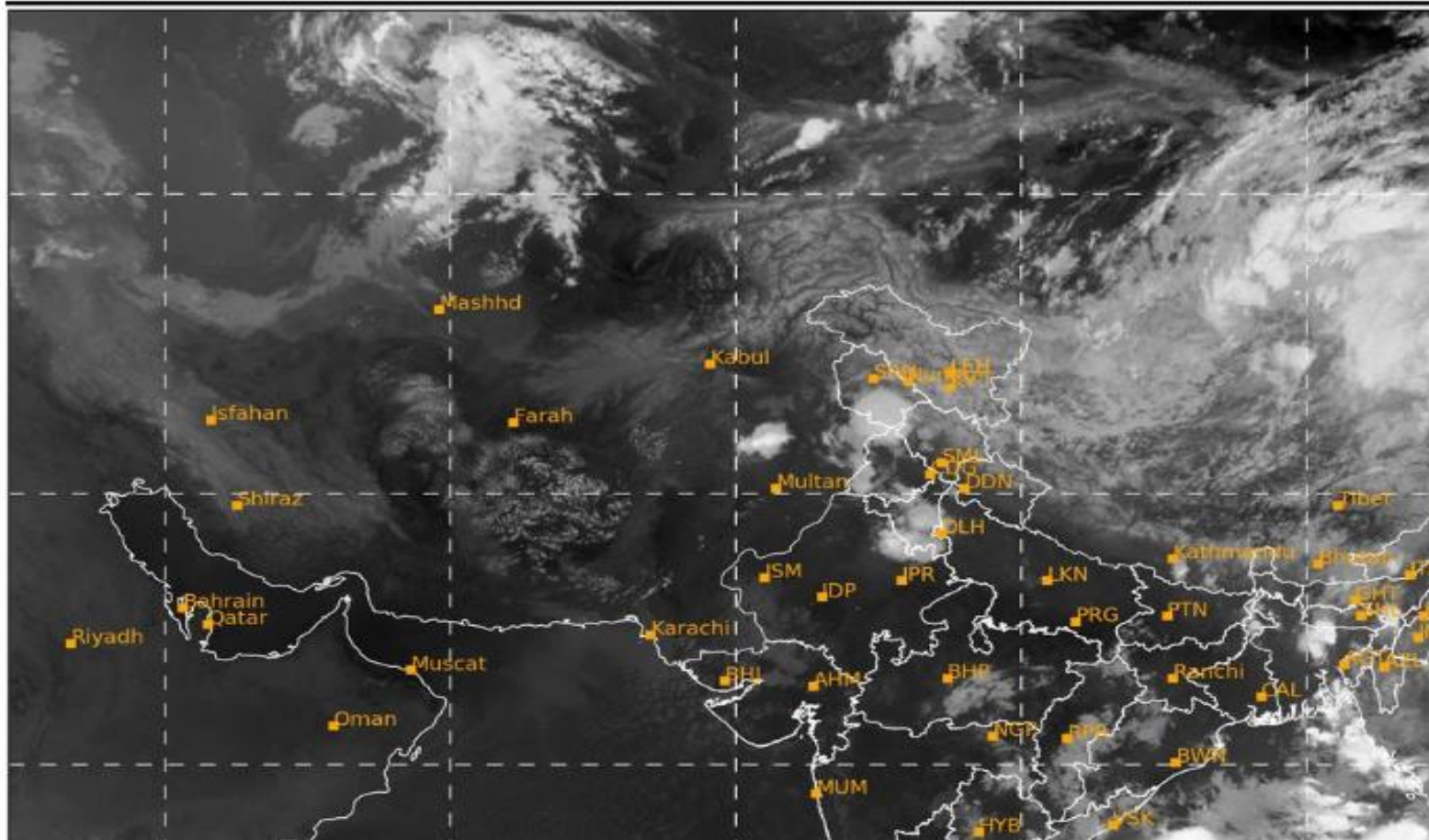
Fog Identification

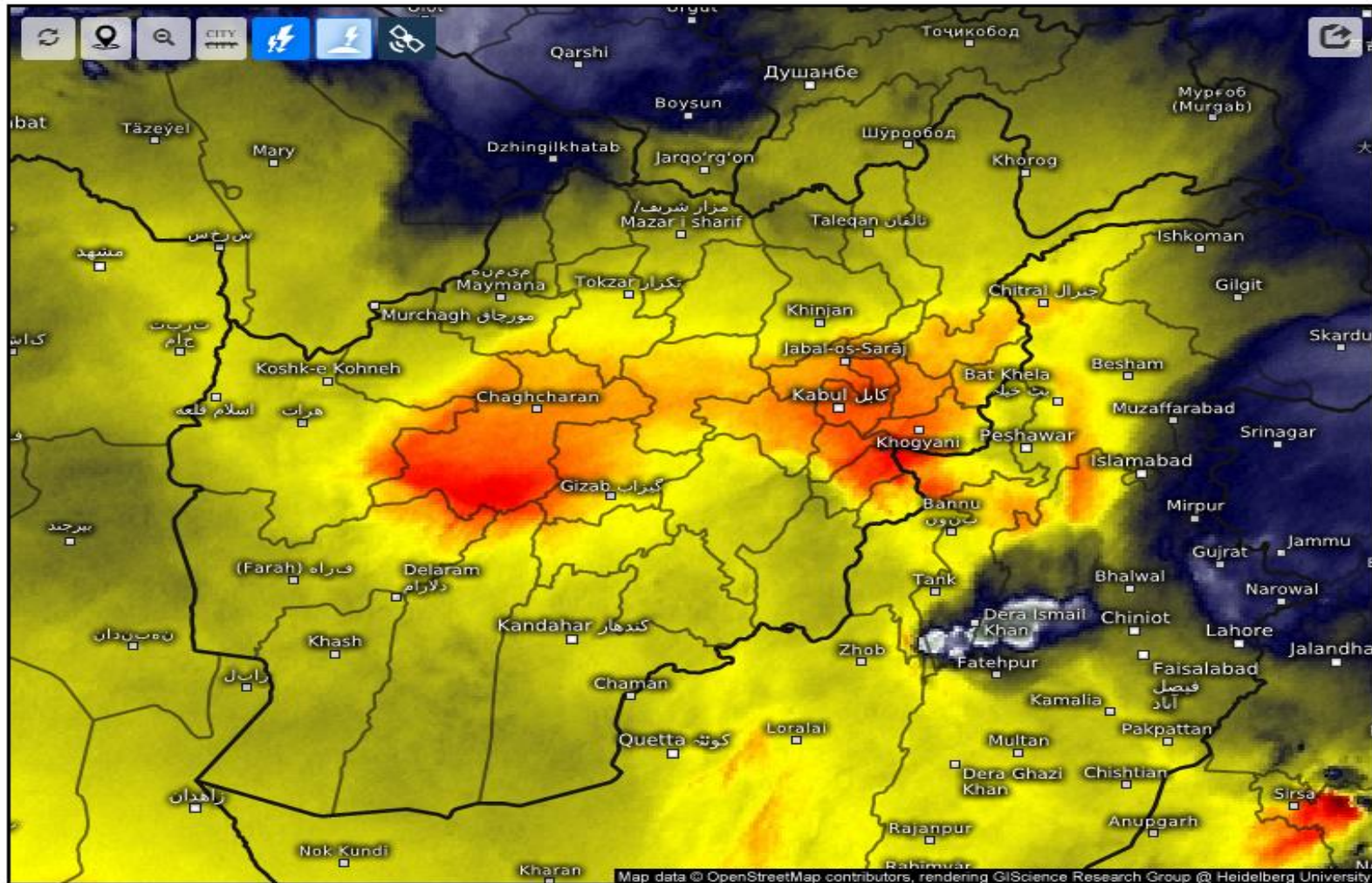
2026-06-16 03:00(UTC)



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

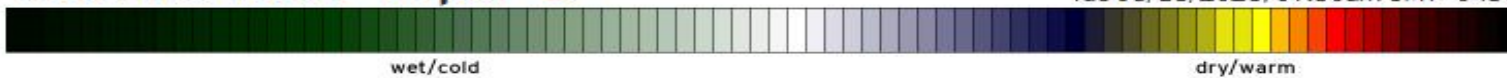
16-06-2026/(0215 to 0242) GMT
16-06-2026/(0745 to 0812) IST





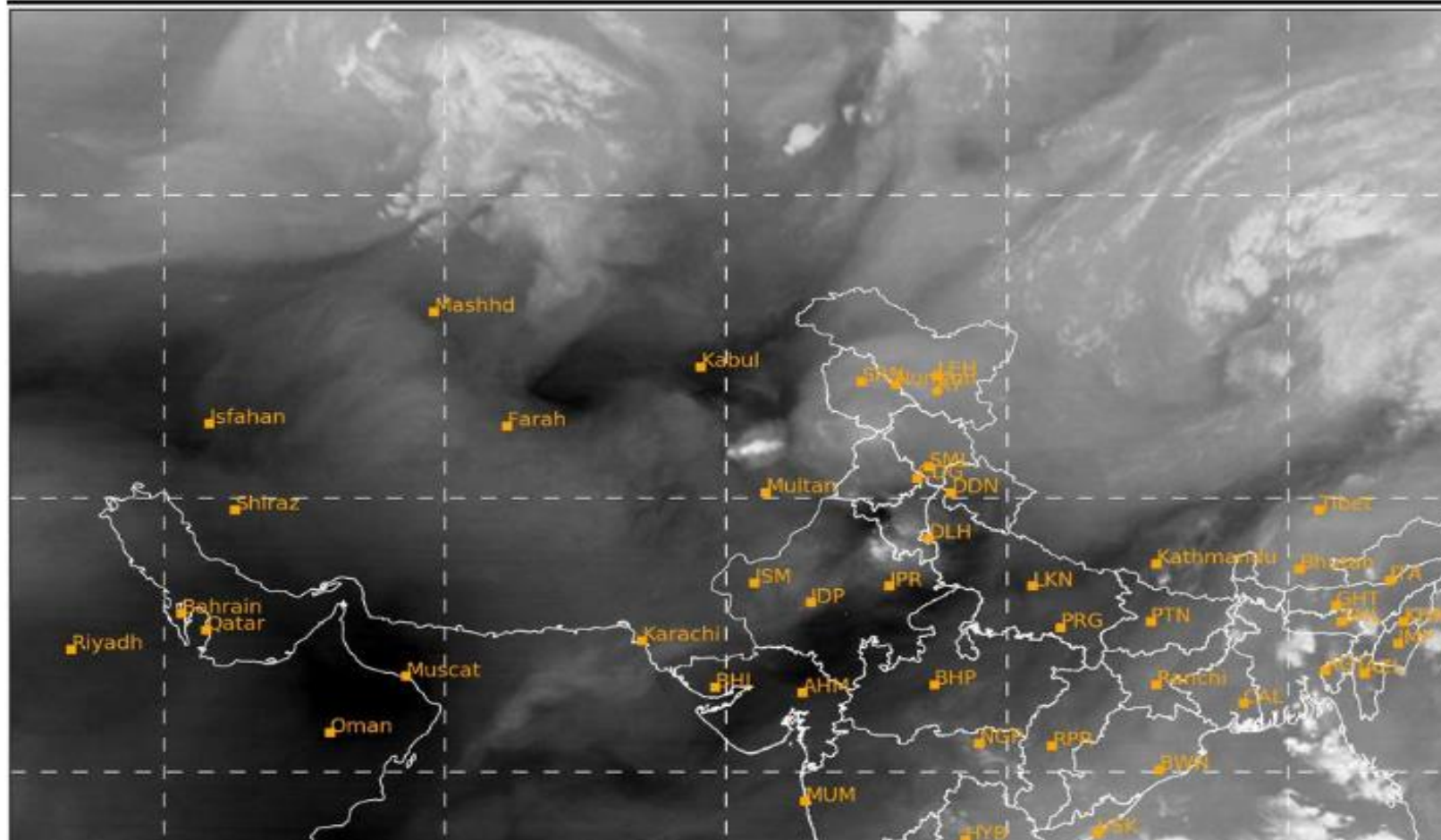
Satellite Water Vapor

Tue 06/16/2026, 07:30am GMT+0430



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

16-06-2026/(0215 to 0242) GMT
16-06-2026/(0745 to 0812) IST



Land Surface Temperature

2026-06-16 03:00(UTC)

