

QATAR CIVIL AVIATION AUTHORIT

Weather Forecaster
Y MOHAMED HASSAN

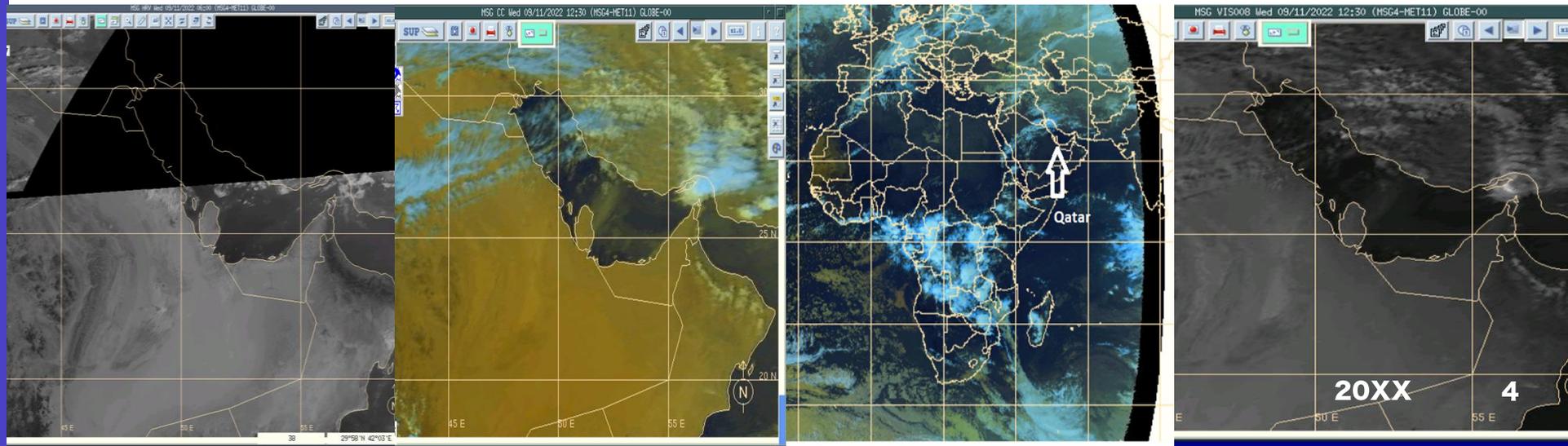


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إدارة الأرصاد الجوية Qatar Meteorology

MSG11 SATELLITE IMAGES

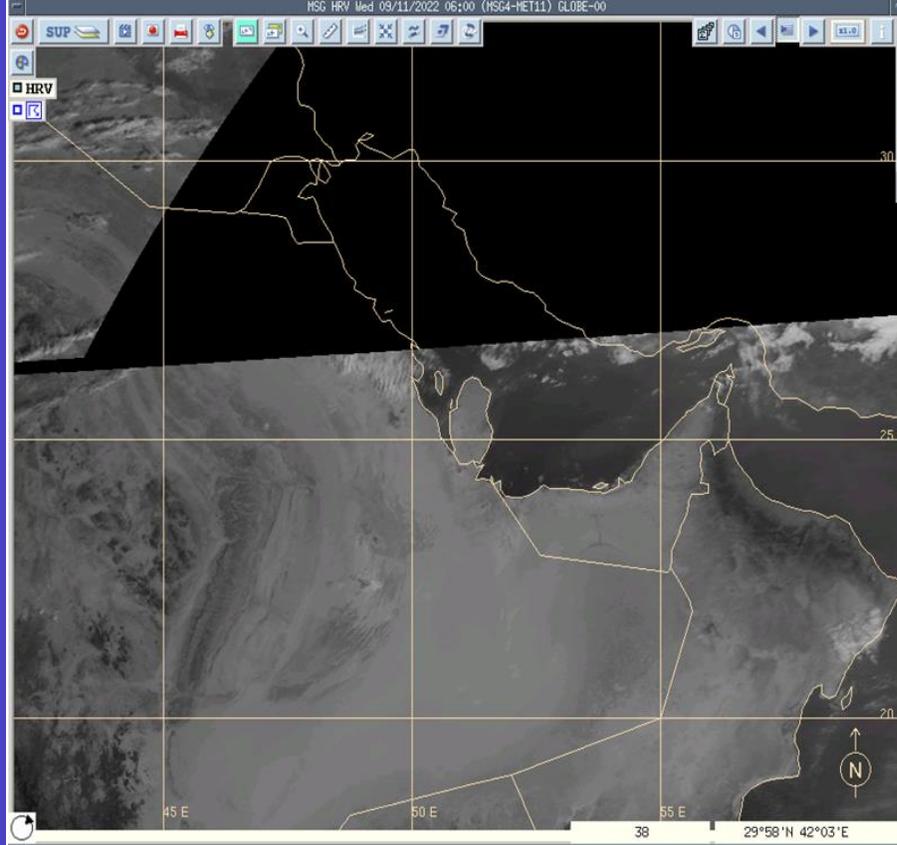
- **MSG11 IMAGES**
- **The Position of Qatar in satellite image is on the edge**
- **Images are not georeferenced accurately (eastward displacement 20 to 30 km) specially on local formation of clouds**



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IODC AND MSG1 1

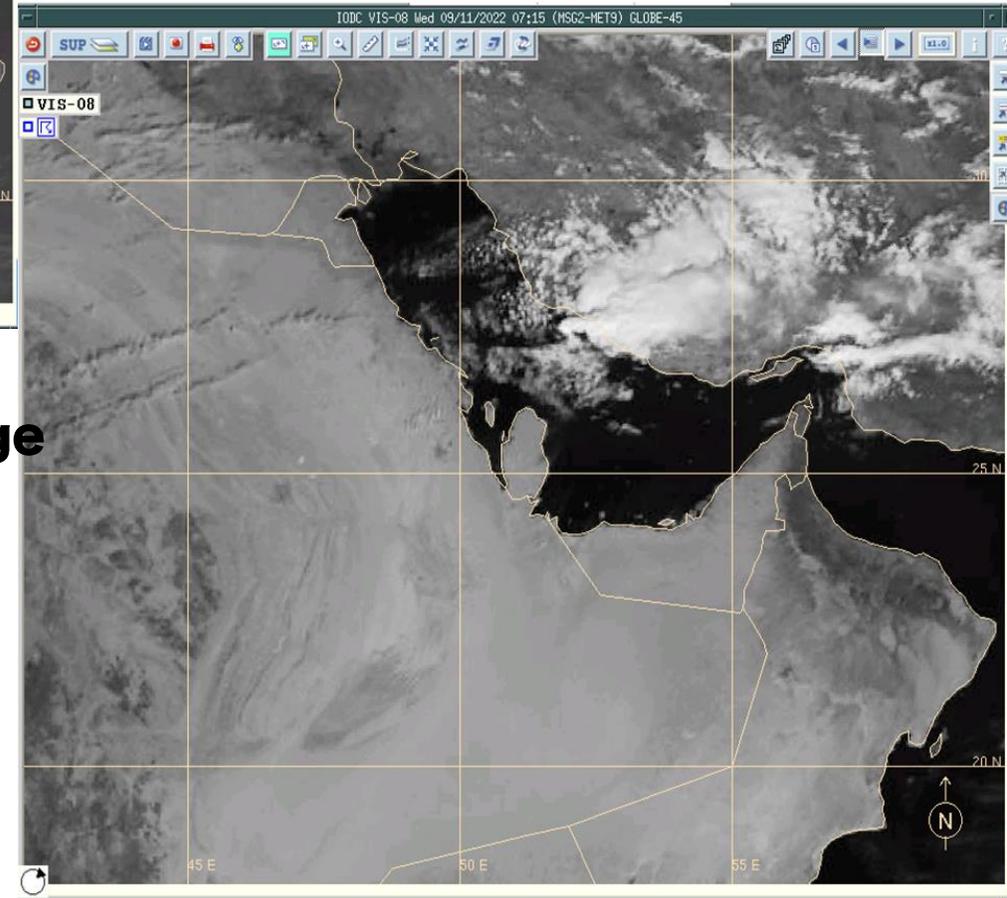


MSG11 HRV satellite image

- High resolution
- Missing data

IODC satellite image

- High resolution
- Better position
- More data



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Data requirements

- **MSG8 data:**
 - **Every 15 minutes**
 - **Higher accuracy of cloud location**
 - **More detailed cloud formation**
- **41.5° E Indian Ocean Data Coverage**
 - **IODC SEVIRI Level 1.5 Image Data**
 - **IODC Meteosat Meteorological Products**
- **Metop, SNPP and NOAA Global Data Services**
 - **GDS-Metop- B**
 - **IASI Sounding Product**
 - **GDS-Metop- C**
 - **IASI Sounding Product**
 - **GDS-NOAA-19**
 - **ATVOS Sounding Product**



**Mohamed
Hassan**

**Qatar Civil
Aviation
Authority**



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Thank you