



Methodology:
The flood extent was extracted from a combination of UNOSAT images and Sentinel 2 images between 4th & 5th May 2021 while flood prone areas was derived from historical analysis of Sentinel-1&2(European Space Agency) images by SWALIM between 2011 to 2019

15% of Jowhar city is Prone to Flooding

Affected Villages			
	Village Name	Longitude	Latitude
1	Barey	45.53447	2.81887
2	Bullo Bari	45.540001	2.91
3	Bullo Geesaale	45.537781	2.82306
4	Geedo-Barkaan	45.53603	2.81852
5	Hilo Axmadey	45.520142	2.96863
6	Jameco Sheikh Bashir	45.49445	2.77222
7	Mahadaay	45.53468	2.97043
8	Shaam	45.51695	2.98535
Flooded Farmland		1,984 Ha	

Legend

Breakages Feb 2021

- Potential Overflow
- Open
- Overflow
- Potential
- Closed with Sandbags
- Settlement
- Primary road
- Shabelle River
- Jowhar Urban Extent
- Flood Extents 4th May 2021
- Flood Prone Areas