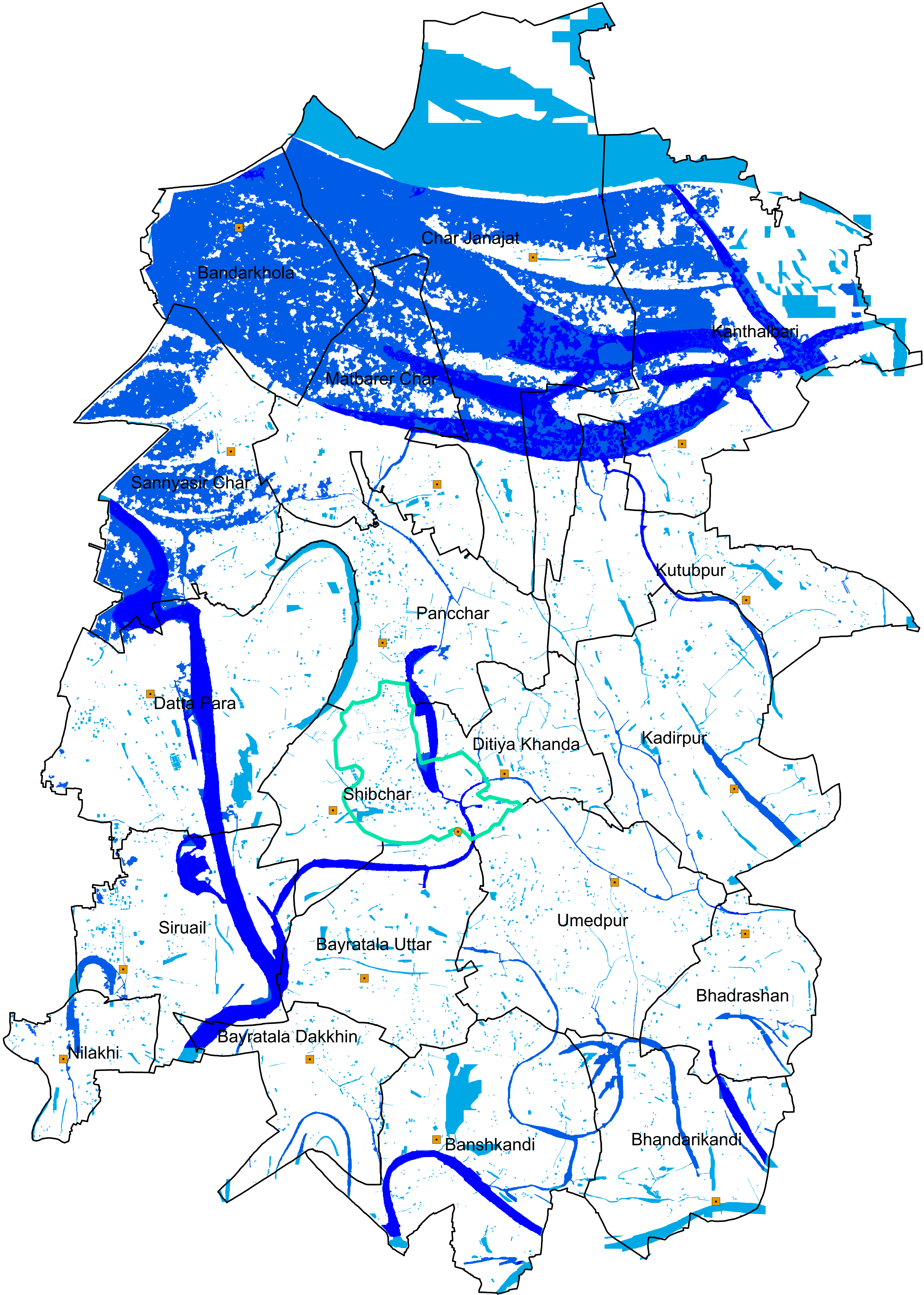


Prime Flood Affected Area of Shibchar Upazila



Legend

Flood Zone

- F3 (Sub Flood Flow Zone)
- Upazila Boundary
- F4 (Main Flood Flow Zone)
- Shibchar Pourashava

Administrative Headquarter

- Upazila Parishad
- Union Parishad
- River/Khal

The Master Planning Organization (MPO) was a strategic planning wing of the Government of the People's Republic of Bangladesh. The MPO land type classification was introduced considering inundation criteria of lands during monsoon. Details of MPO land type classification along with flood flow zone considerations for this project are presented in the table

The land type was based on flood return probability of at least once in two years at a particular land or area.

Land type	MPO land types		Nature of flooding	Flood zones Based on MPO
	Description	Flood depth (m)		
F <sub>0</sub>	High land	<0.30	Intermittent	Flood free
F <sub>1</sub>	Medium high land	0.30 – 0.90	Seasonal	Occasionally flooded
F <sub>2</sub>	Medium low land	0.90 – 1.80	Seasonal	Occasionally Sub- flood flow zone
F <sub>3</sub>	Low land	1.80 – 3.60	Seasonal	Sub- flood flow zone
F <sub>4</sub>	Low to very low land	>3.60(excluding waterway)	Seasonal / Perennial	Main flood flow zone

1:1980

1 inch = 724.09 meters

1 inch = 2,375.62 feet

0 1,400 2,800 5,600

Feet

N

E

S

W

Map History:

This map was prepared on the basis of 50cm resolution World view 2 image and verified through physical feature survey conducted directly in digital format with RTM projection with the help of RTK- GPS and Total Station. For physical feature survey 18 BM were installed with the help of RTK- GPS. Available SOD BM (SOD- GPS- 100 & 1014) were used as reference for vertical adjustment.

Projection Parameters:

Projection System : Bangladesh Universal Transverse Mercator (BTM)

Ellipsoid : WGS 1984

Datum : WGS 1984

Units : Meters

False Easting : 50000

False Northing : 0

Central Meridian : 90

Scale Factor : 0.9996

Latitude of Origin : 0