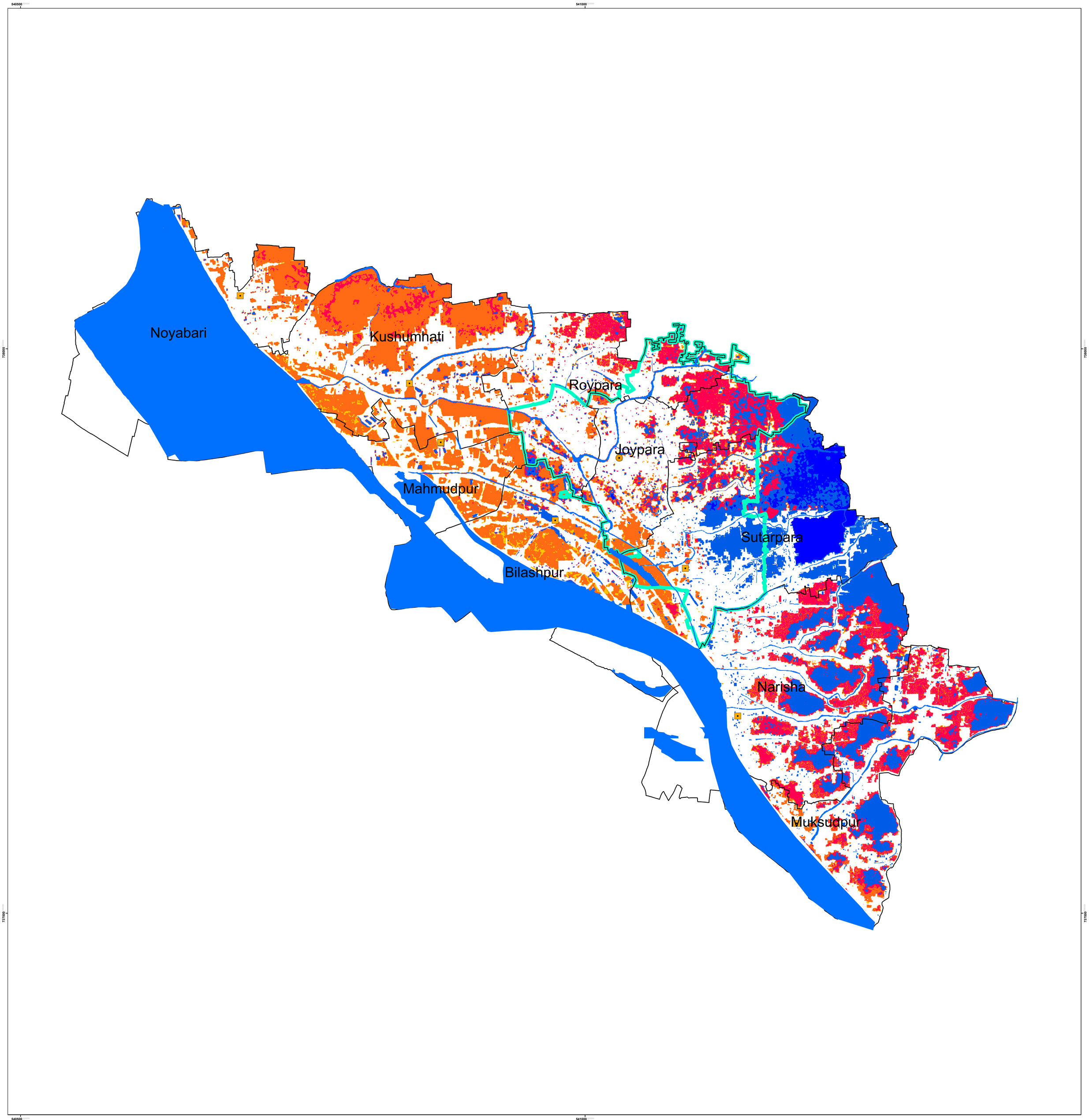
Flood Scenerio Map of Dohar Upazila



Legend

Flood Zone

- F0 **(Flood Free)**
- F1 **(Occasionally Flooded)**
- F2 **(Occasionally Sub-flood Flow)**
- F3 **(Sub Flood Flow Zone)**
- F4 **(Main Flood Flow Zone)**

- Union Boundary
- Pourashava Boundary
- River/Khal

Administrative Headquarter

- Upazila Parishad
- Union Parishad

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.

MPO land types				Flood zones
Land type	Description	Flood depth (m)	Nature of flooding	Based on MPO
F_0	High land	<0.30	Intermittent	Flood free
F_1	Medium high land	0.30 – 0.90	Seasonal	Occasionally flooded
F_2	Medium low land	0.90 – 1.80	Seasonal	Occasionally Sub- flood flow zone
F_3	Low land	1.80 – 3.60	Seasonal	Sub- flood flow zone
F_4	Low to very low land	>3.60(excluding waterway)	Seasonal / Perennial	Main flood flow zone

1:1980

1 inch = 613.19 meters

1 inch = 2,011.79 feet

0 1,150 2,300 4,600

Feet

N

W E

S

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 BTM projection with the help of RTK- GPS and Total Station. For physical feature survey 14 BM were installed with the help of RTK- GPS. Available SOB BM (SOB- GPS- 5660 & 2303) 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