

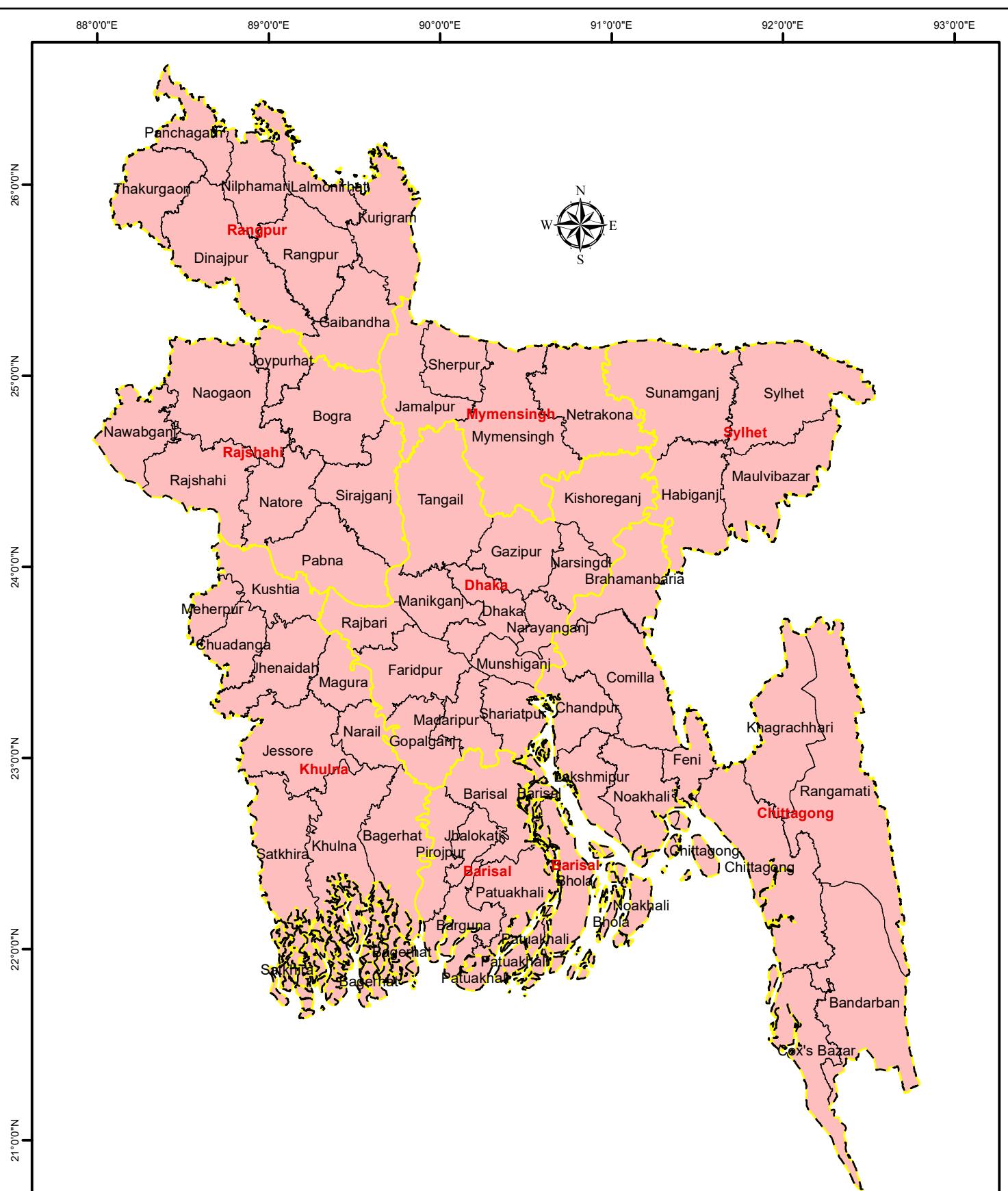
Project Portfolio

Mapping and Spatial Analysis with ArcGIS

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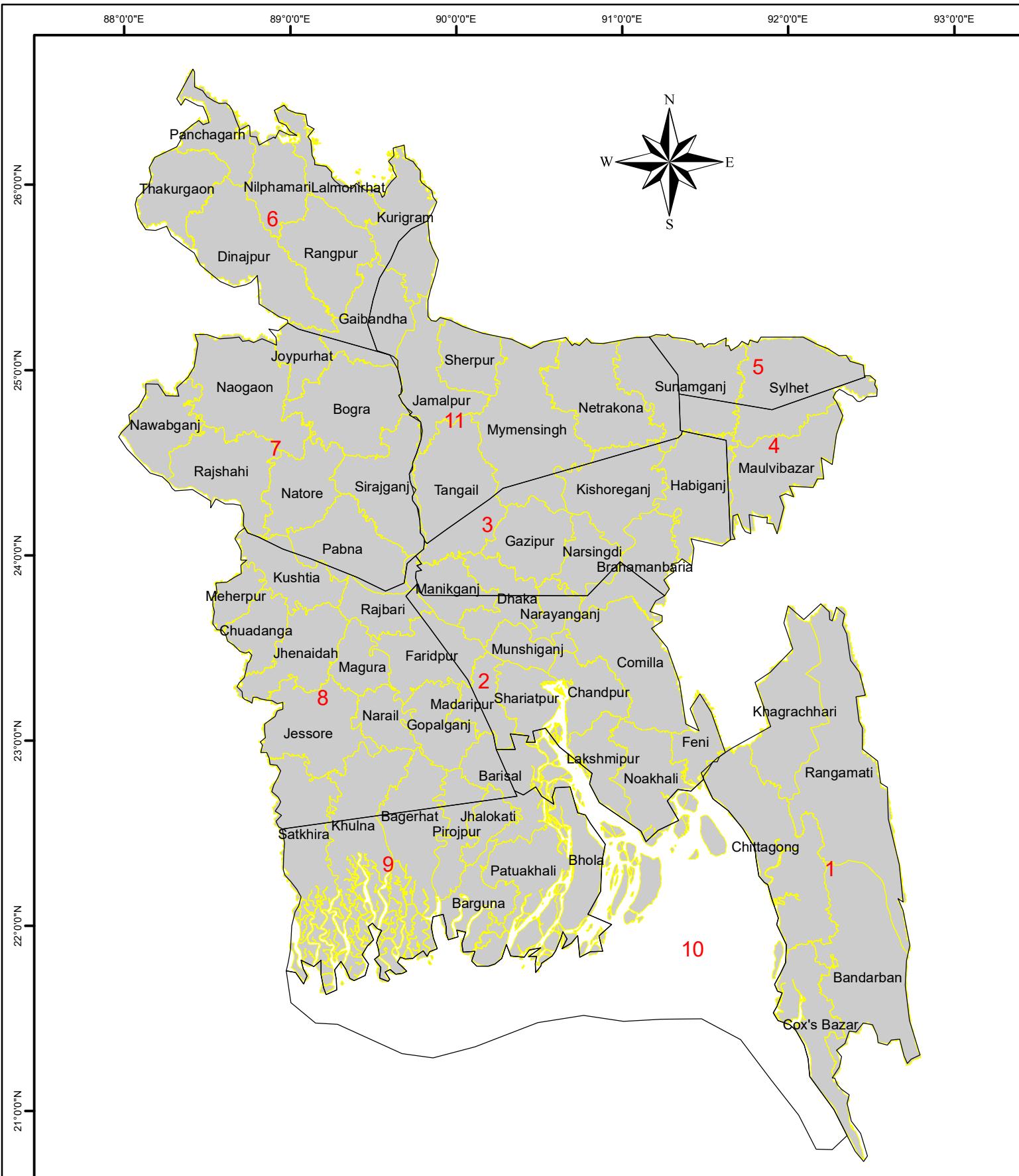


Political Map of Bangladesh

Legend

- A legend consisting of three entries. The first entry shows a black dashed line icon followed by the text "BD Admin Boundary". The second entry shows a yellow square icon followed by the text "BD Division". The third entry shows a pink square icon followed by the text "BD Districts".

RF: 1 cm = 30 km



Liberation War Sector Map, 1971

Legend

- BD_Sectors_71
- BD_districts

RF: 1 cm = 30 km

0 25 50 100 150 Km

89°51'12"E

89°51'15"E

89°51'18"E

23°35'51"N

Campus Map Faridpur Engineering College



Legend

FEC Points

- Civil Square
- FEC Main Gate
- ▲ FEC Pocket Gate
- ◆ Shahid Minar
- Administrative Building
- CSE Department
- Civil Depertmet
- EEE Depertment
- Girls Hall
- Montuli Cafe, Bank
- Mosque
- Multi Purpose Building
- North Hall
- Power Station
- Principal House
- South Hall
- fec_road
- fec_field
- fec_boundary



RF: 1 cm = 0 km

0 0.0225 0.045 0.09 Km

Author: Muhammad Lukman Husain

23°35'45"N

89°22'0"

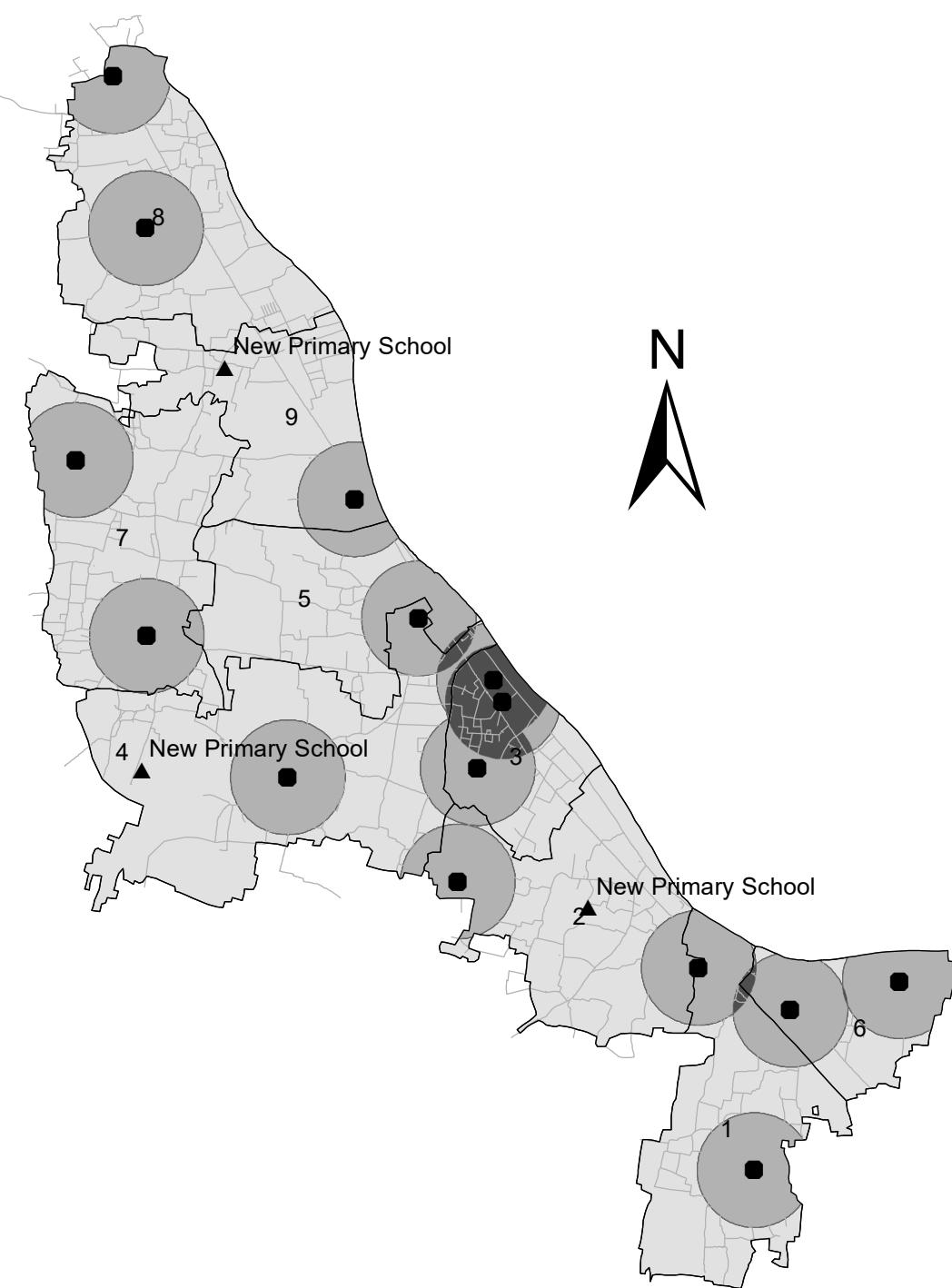
89°24'0"

89°26'0"

23°40"

23°20"

23°00"



Proposal Of Three New Primary Schools

Legend

	Ward_boundary		Underserved
▲	New Primary School		Served
●	Existing Primary School		Overserved
—	Road		RF: 1 cm = 1 km
			0 0.47 0.95 1.9 2.85 3.8 Km

Data Table: Service Area of Existing Primary Schools

Word No	Over Served	Served	Under Served	Existing School No.	Total
1	0.08%	4.66%	6.76%	1	11.49%
2	0.00%	3.13%	8.78%	2	11.91%
3	2.06%	1.69%	1.90%	3	5.64%
4	0.25%	4.80%	14.06%	2	19.11%
5	0.03%	2.30%	6.98%	0	9.31%
6	0.07%	4.16%	1.46%	2	5.69%
7	0.00%	5.30%	8.46%	2	13.75%
8	0.00%	4.57%	8.64%	2	13.22%
9	0.00%	1.63%	8.25%	1	9.88%
Total	2.48%	32.23%	65.29%	15	100.00%

89°34'0"E

89°34'30"E

89°35'0"E

89°35'30"E

22°47'30"N

22°47'0"N

22°46'30"N

N



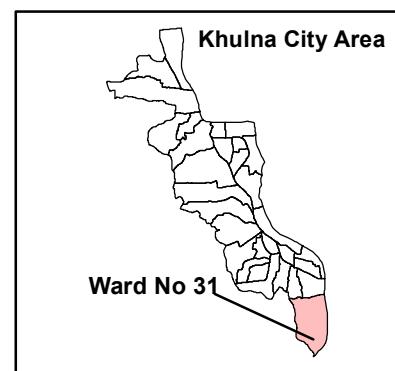
Khulna City Corporation Ward No 31

New Road Development
and its effect on plots and
existing structures

New Road Development Project

Legend

	Affected Structures	RF: 1 cm = 0 km
	Proposed Road Ward31	0 0.125 0.25 0.5 0.75 1 Km
	Affected Plots	



Khulna City Corporation
Ward No 31
New Road Development and its effect on plots and existing structures

Affected Structures:

STR_TYPE	Floor		Grand Total
	1	2	
Katcha	48		48
Pucca	23	6	29
Semipucca	50		50
Grand Total	121	6	127

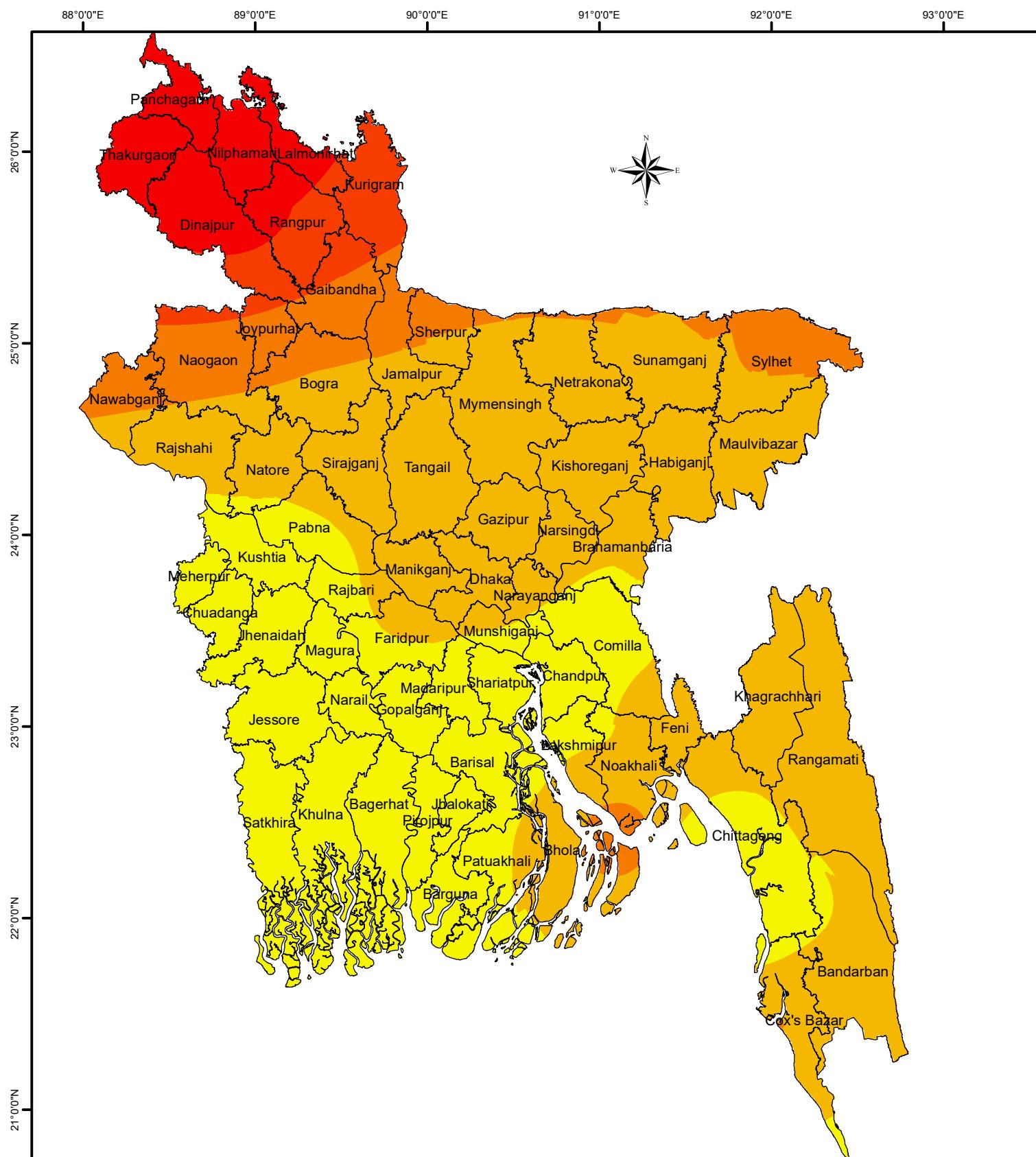
Affected Plots:

FID *	PLOT_NO	MOUZ A	JL_NO	SHEET_NO	M_THA NA	Shape_Area	Land Use	Owner
1	25561	Tutpara	5	35	Daulatpur	201.486466		
2	25560	Tutpara	5	35	Daulatpur	1357.170571		
3	25524	Tutpara	5	35	Daulatpur	370.662649		
4	25523	Tutpara	5	35	Daulatpur	122.645419		
5	25522	Tutpara	5	35	Daulatpur	2050.156605		
6	25521	Tutpara	5	35	Daulatpur	6338.975701		
7	362	Labanch ora	65	1	Daulatpur	2126.143819		
8	361	Labanch ora	65	1	Daulatpur	1019.63442		
9	359	Labanch ora	65	1	Daulatpur	6500.80889		
10	346	Labanch ora	65	1	Daulatpur	1489.423402		
11	139	Labanch ora	65	1	Daulatpur	40794.86962		
12	379	Labanch ora	65	1	Daulatpur	2893.705941		
13	372	Labanch ora	65	1	Daulatpur	4810.471265		
14	370	Labanch ora	65	1	Daulatpur	874.895251		
15	371	Labanch ora	65	1	Daulatpur	8093.816446		

16	369	Labanch ora	65	1	Daulatpur	4622.872		
17	218	Labanch ora	65	1	Daulatpur	4653.185		
18	200	Labanch ora	65	1	Daulatpur	6269.422		
19	185	Labanch ora	65	1	Daulatpur	19848.90		
20	182	Labanch ora	65	1	Daulatpur	11278.02		
21	181	Labanch ora	65	1	Daulatpur	18631.62		
22	178	Labanch ora	65	1	Daulatpur	7218.121		
23	177	Labanch ora	65	1	Daulatpur	1224.869		
24	170	Labanch ora	65	1	Daulatpur	13894.25		
25	169	Labanch ora	65	1	Daulatpur	11425.12		
26	192	Labanch ora	65	1	Daulatpur	10910.12		
27	318	Labanch ora	65	1	Daulatpur	13992.83		
28	88886	Labanch ora	65	1	Daulatpur	18473.22		
29	308	Labanch ora	65	1	Daulatpur	2180.243		
30	306	Labanch ora	65	1	Daulatpur	10382.58		
31	304	Labanch ora	65	1	Daulatpur	10865.30		
32	303	Labanch ora	65	1	Daulatpur	22850.22		
33	259	Labanch ora	65	1	Daulatpur	1007.223		
34	250	Labanch ora	65	1	Daulatpur	1000.946		
35	249	Labanch ora	65	1	Daulatpur	3616.957		
36	243	Labanch ora	65	1	Daulatpur	16246.98		
37	242	Labanch ora	65	1	Daulatpur	3561.891		
38	241	Labanch ora	65	1	Daulatpur	2072.680		
39	239	Labanch ora	65	1	Daulatpur	2476.311		
40	238	Labanch ora	65	1	Daulatpur	5573.266		

41	237	Labanch ora	65	1	Daulatpur	3359.293		
42	236	Labanch ora	65	1	Daulatpur	5687.456		
43	231	Labanch ora	65	1	Daulatpur	2732.984		
44	228	Labanch ora	65	1	Daulatpur	2214.651		
45	224	Labanch ora	65	1	Daulatpur	1681.866		
46	223	Labanch ora	65	1	Daulatpur	6492.006		
47	222	Labanch ora	65	1	Daulatpur	7026.955		
48	220	Labanch ora	65	1	Daulatpur	4317.024		
49	88884	Labanch ora	65	1	Daulatpur	4231.512		
50	88885	Labanch ora	65	1	Daulatpur	1253.835		
51	336	Labanch ora	65	1	Daulatpur	12570.80		
52	667	Labanch ora	65	2	Daulatpur	3215.967		
53	630	Labanch ora	65	2	Daulatpur	1239.313		
54	628	Labanch ora	65	2	Daulatpur	20027.05		
55	629	Labanch ora	65	2	Daulatpur	6229.398		
56	744	Labanch ora	65	2	Daulatpur	5273.468		
57	673	Labanch ora	65	2	Daulatpur	2077.964		
58	757	Labanch ora	65	2	Daulatpur	3446.650		
59	688	Labanch ora	65	2	Daulatpur	8050.975		
60	678	Labanch ora	65	2	Daulatpur	9196.595		
61	677	Labanch ora	65	2	Daulatpur	14126.10		
62	676	Labanch ora	65	2	Daulatpur	2645.217		
63	732	Labanch ora	65	2	Daulatpur	5344.381		
64	657	Labanch ora	65	2	Daulatpur	5939.608		
65	655	Labanch ora	65	2	Daulatpur	5024.851		

66	656	Labanch ora	65	2	Daulatpur	9842.466		
67	654	Labanch ora	65	2	Daulatpur	4600.196		
68	651	Labanch ora	65	2	Daulatpur	2845.542		
69	650	Labanch ora	65	2	Daulatpur	2707.180		
70	649	Labanch ora	65	2	Daulatpur	804.5176		
71	640	Labanch ora	65	2	Daulatpur	1600.450		
72	639	Labanch ora	65	2	Daulatpur	3157.356		
73	615	Labanch ora	65	2	Daulatpur	2534.860		
74	614	Labanch ora	65	2	Daulatpur	3524.232		
75	613	Labanch ora	65	2	Daulatpur	12872.21		
76	323	Labanch ora	65	1	Daulatpur	3399.362		



Hailstorm Frequency for Bangladesh

Legend

Lowest

4th

3rd

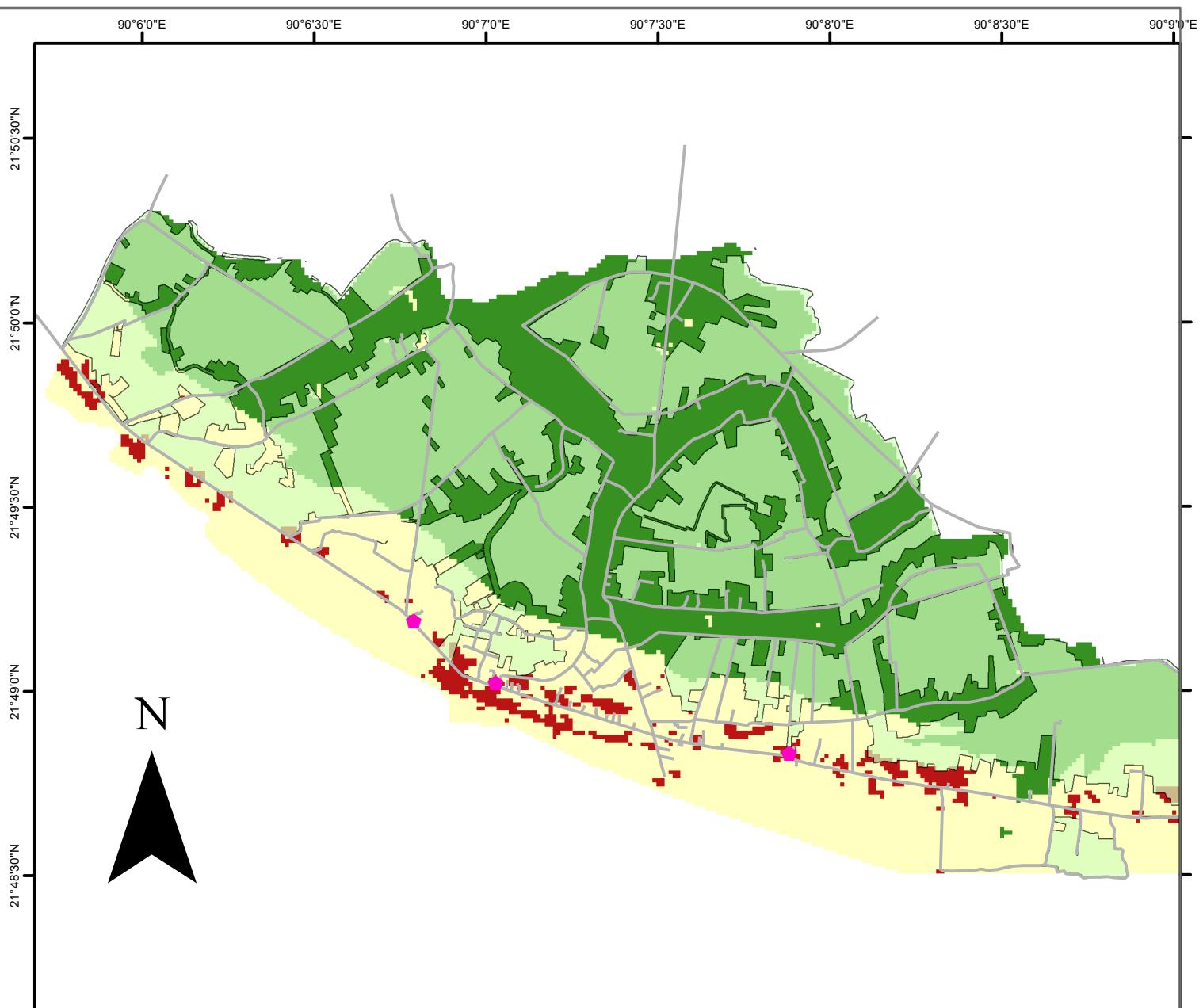
2nd

Higher Class

RF: 1 cm = 30 km

0 25 50 100 150 200 Km

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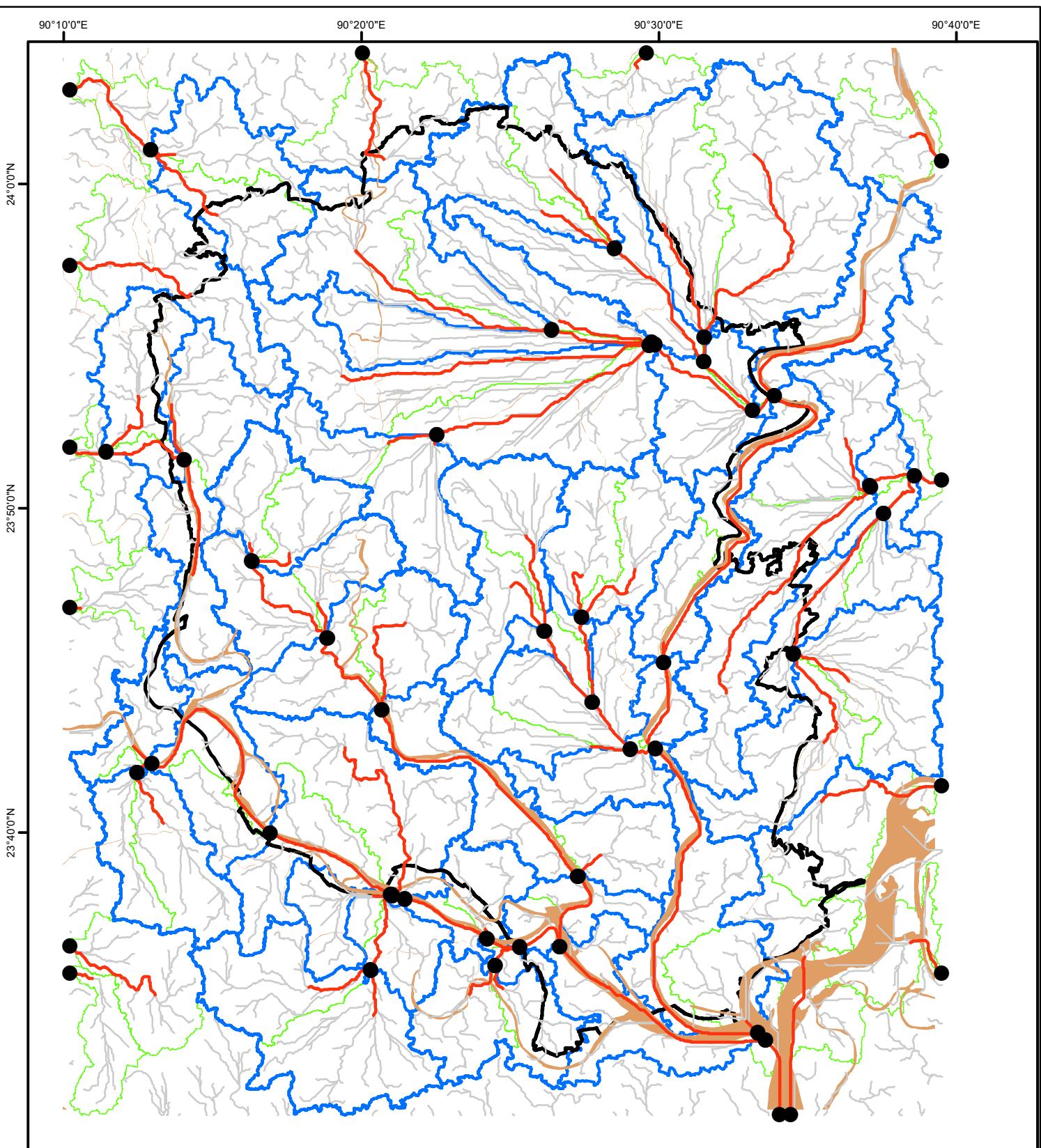
Suitable Place for Water Park

Legend

- Pink star: Probable Location
- Gray line: Road
- Red: 1, Most Suitable
- Yellow: 2, Moderate Suitable
- Green: 3, Not Suitable

RF: 1 cm = 0 km

0 0.25 0.5 1 1.5 2 Km



An Analysis of DMDP Area

DMDP: Dhaka Metropolitan Development Plan

Legend

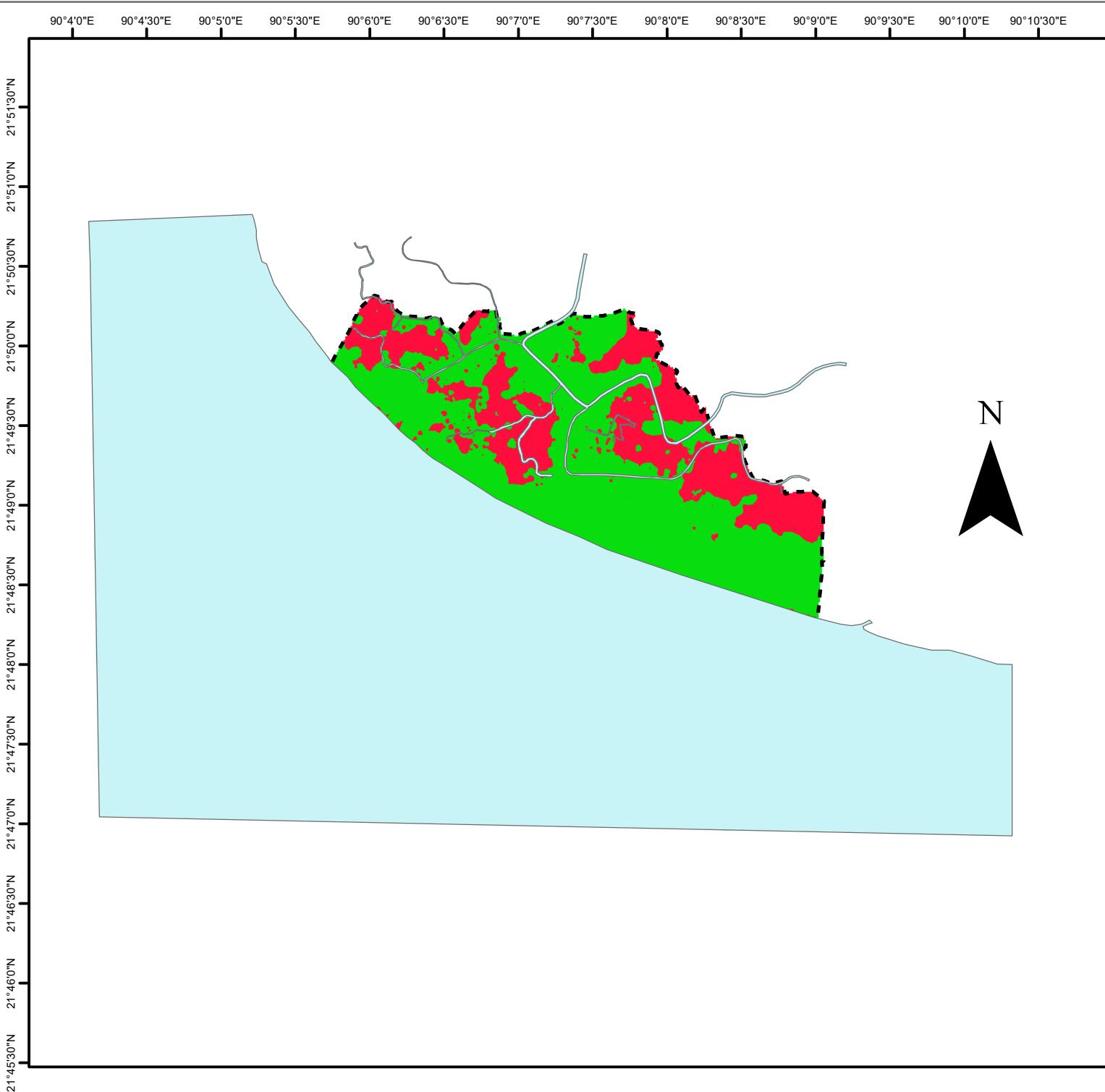
- DrainagePoint
- DrainageLine2
- DrainageLine
- River

- AdjointCatchment
- Catchment
- DMDP_Area

RF: 1 cm = 3 km

0 2.25 4.5 9 13.5 18 Km





Inundated Area in Kuakata Municipality Due to 1.5m Sea Level Rise

Legend

- Waterbody (Sea River Canal)
- Municipality Boundary
- Inundated Area
- Dry Area

RF: 1 cm = 1 km

0 0.5 1 2 3 4 Km