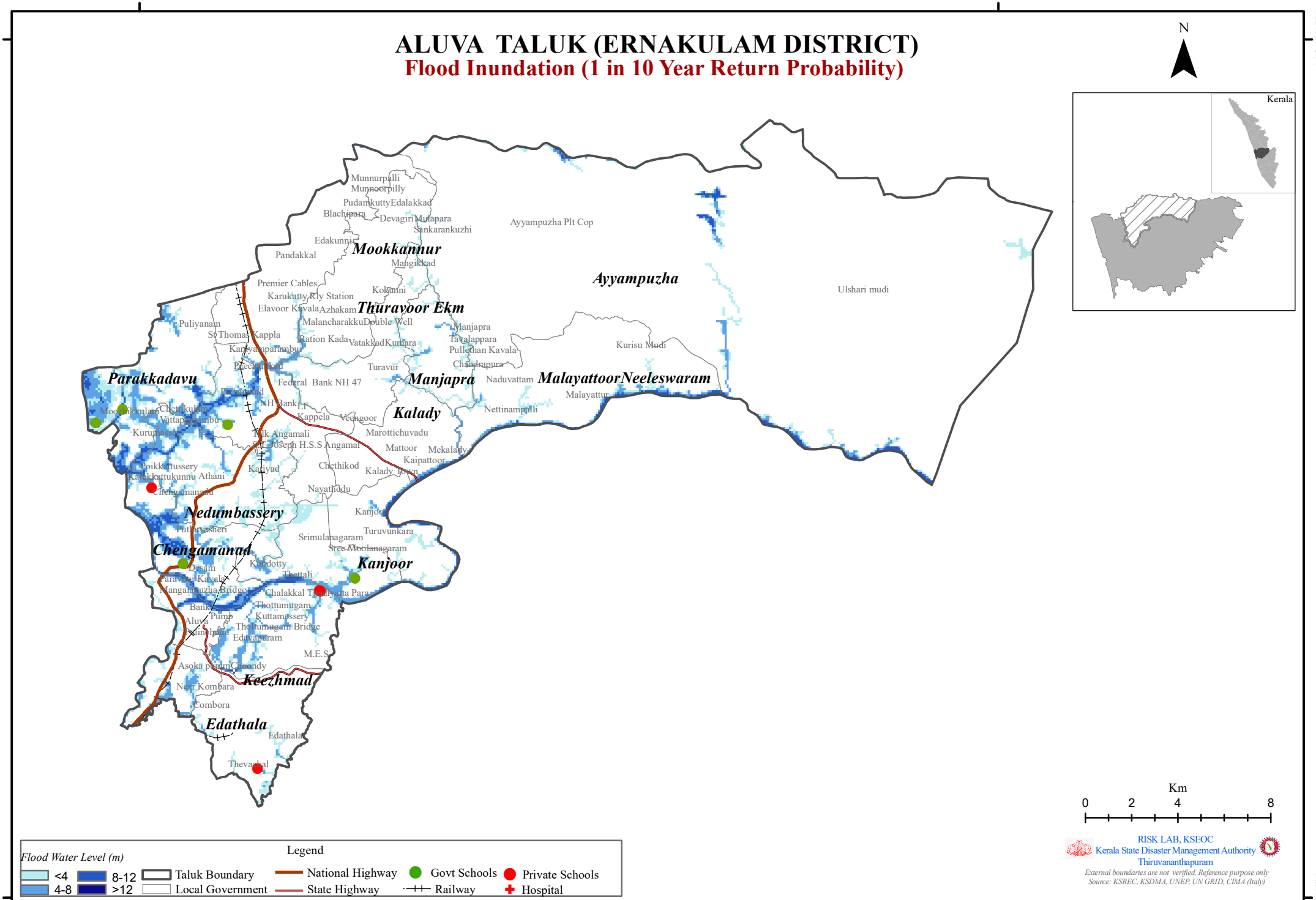
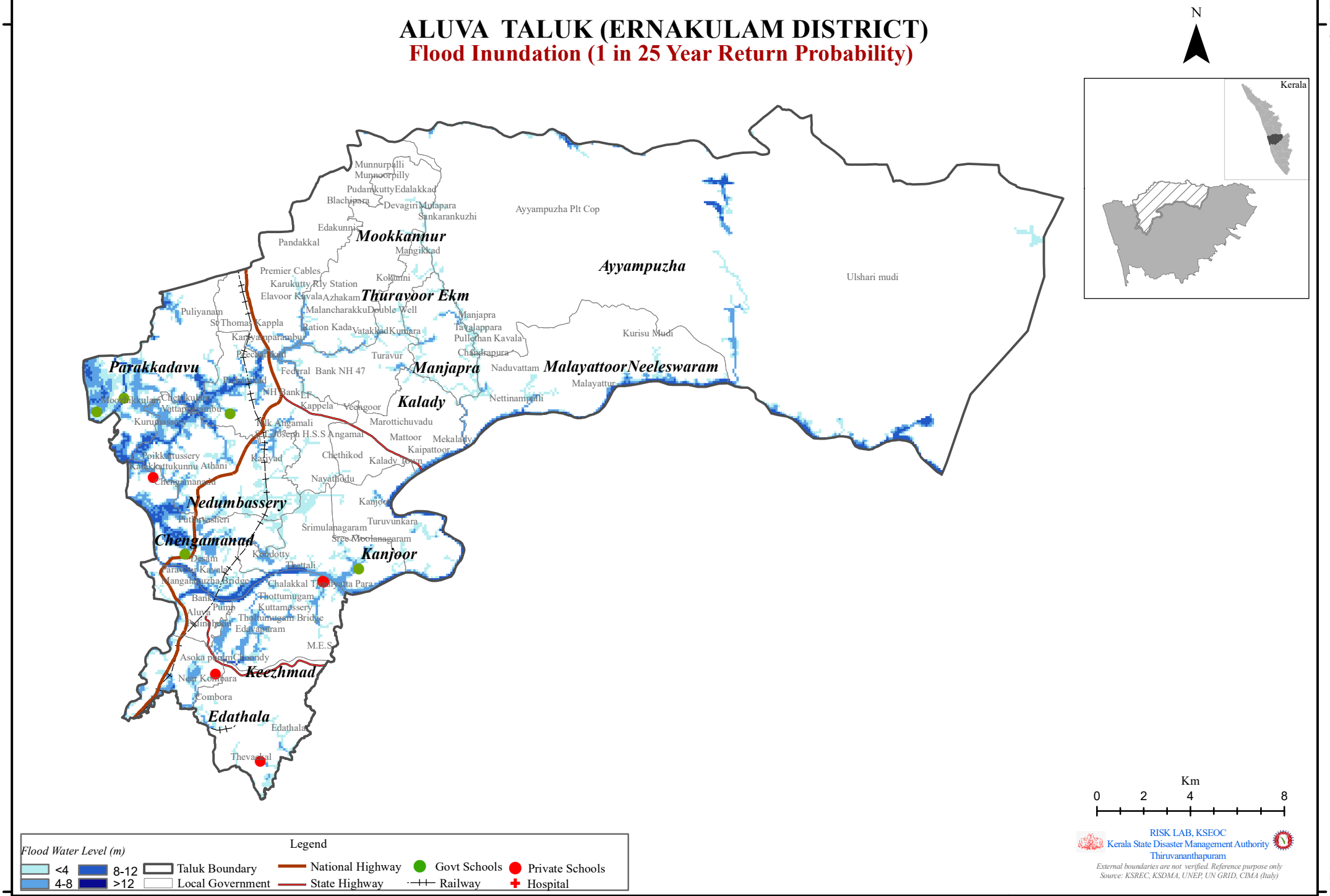
ALUVA TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)



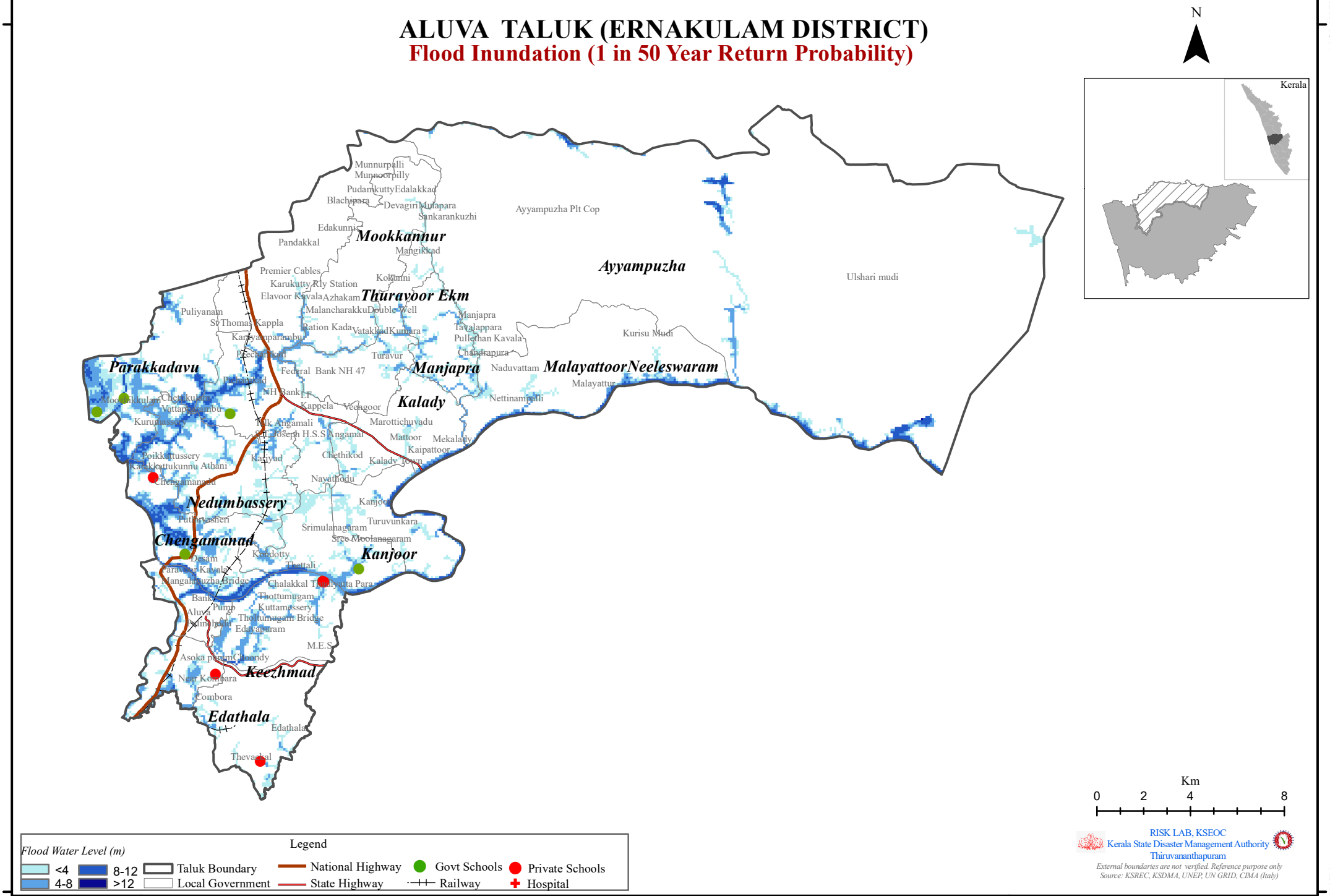
ALUVA TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)



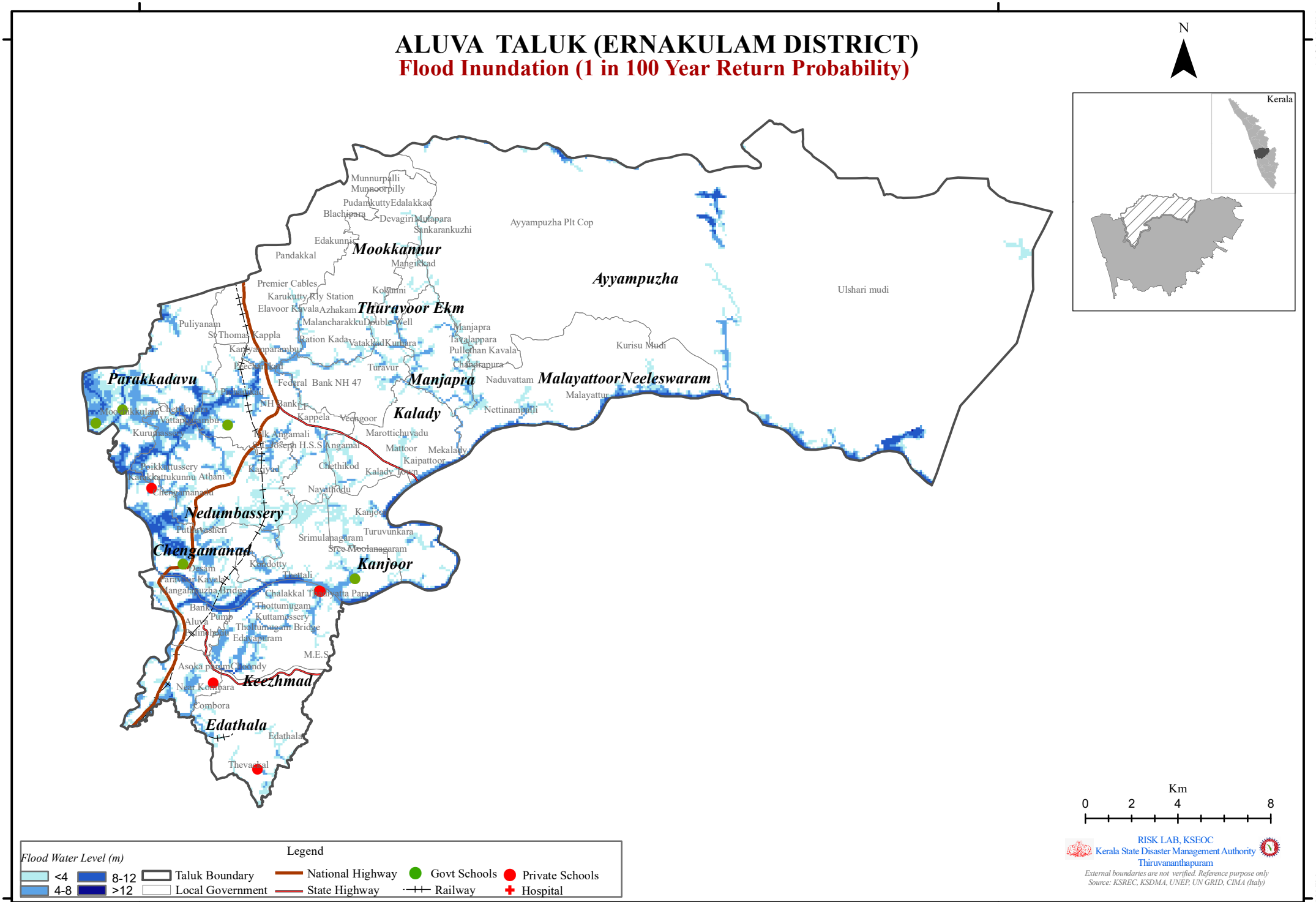
ALUVA TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)



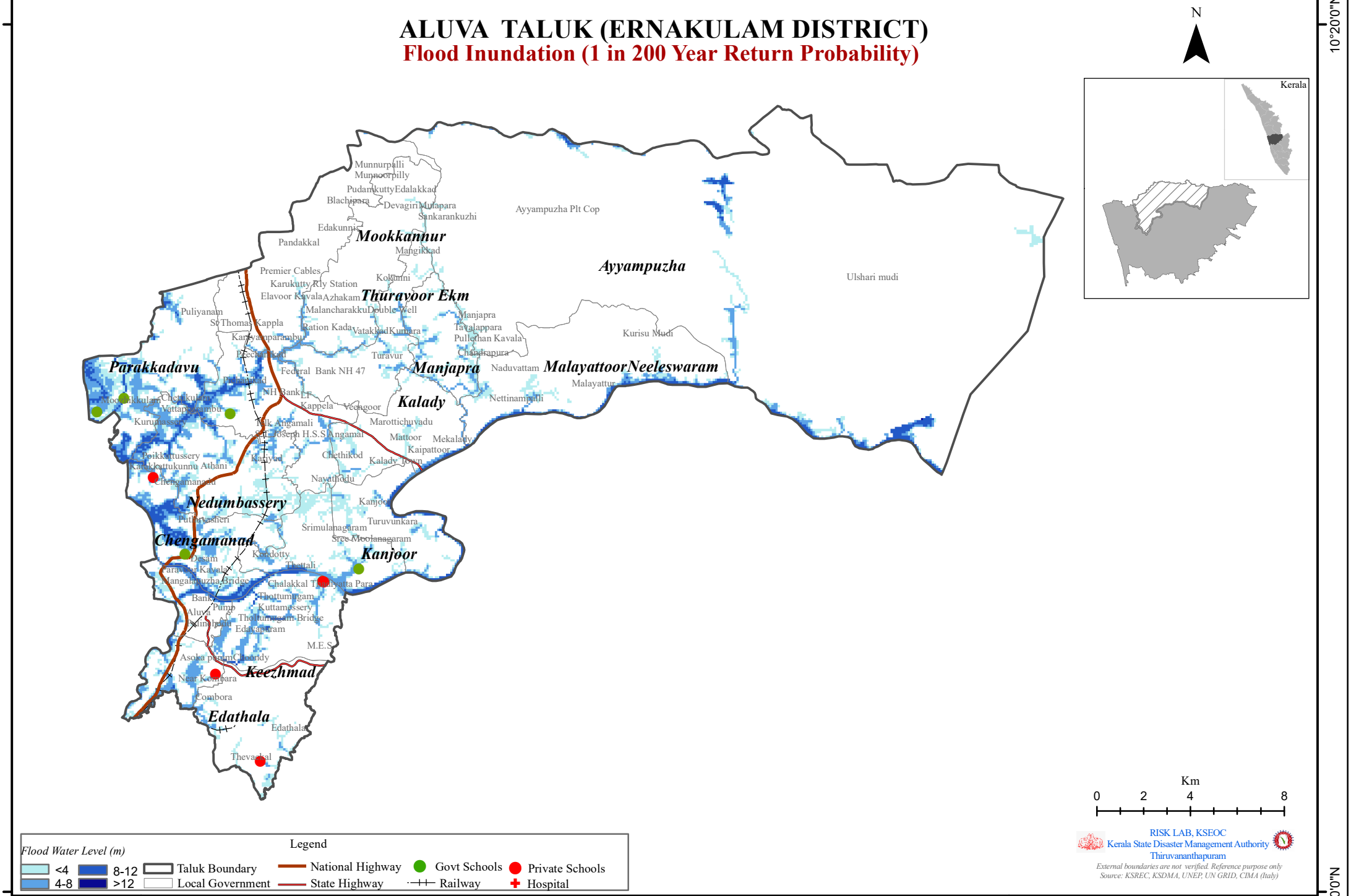
ALUVA TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)



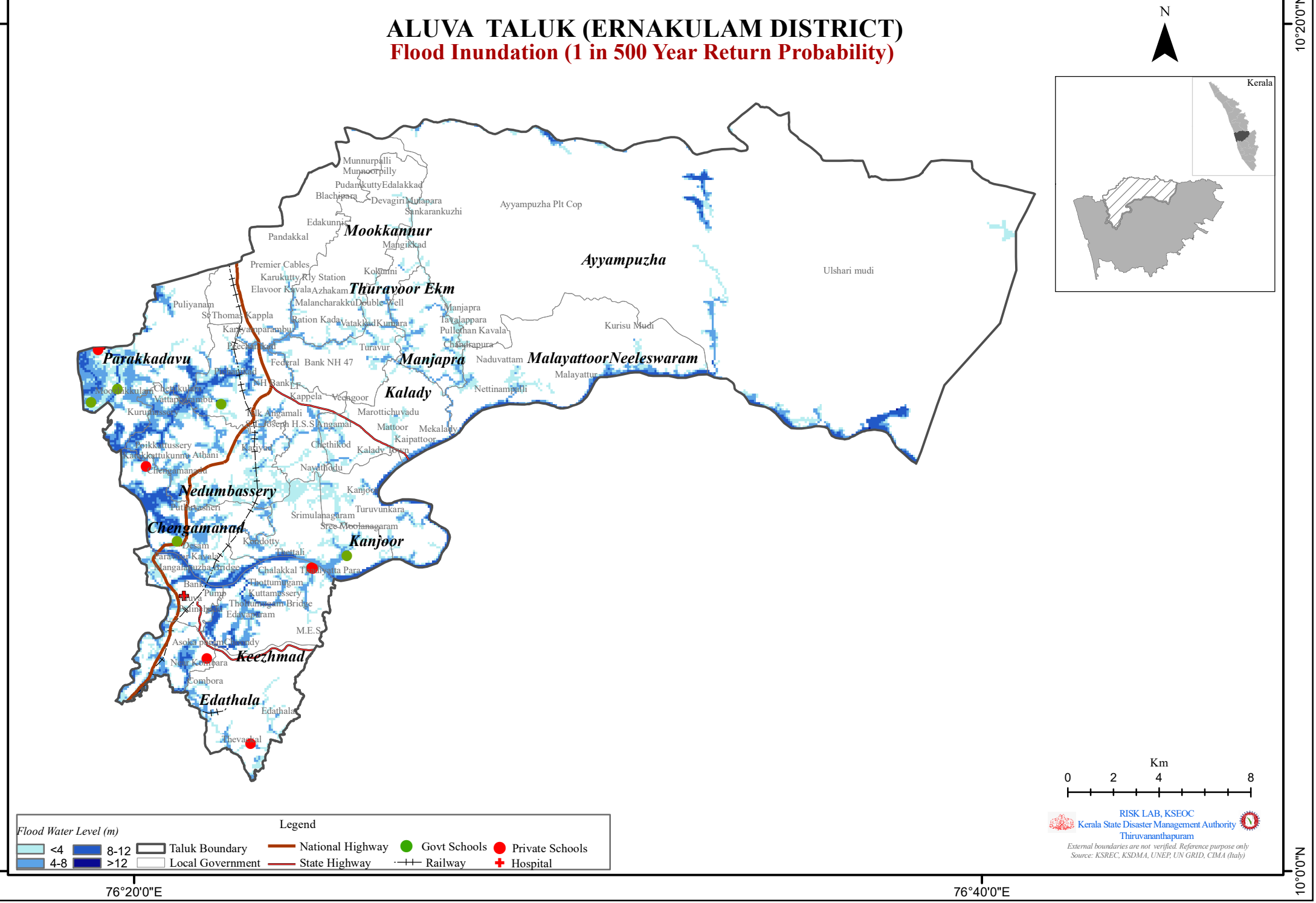
ALUVA TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)



ALUVA TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)



ERNAKULAM DISTRICT						
ALUVA TALUK						
	Return Probability (Historic)					
Name of exposed Hospital/School (LSGI)	1 In 10 Year	1 in 25 Year	1 in 50 Year	1 in 100 Year	1 in 200 Year	1 in 500 Year
Aluva Municipality						
Hospital						
Anwar Memorial Hospital						✓
Angamaly Municipality						
School						
St. Antony`S L. P. S. Champannur	✓	✓	✓	✓	✓	✓
Chengamanad						
School						
G.J.B.S Desom	✓	✓	✓	✓	✓	✓
Govt. J. B. S. Desom	✓	✓	✓	✓	✓	✓
Choornikkara						
School						
G.U.P.S Nochima		✓	✓	✓	✓	✓
Edathala						
School						
G.U.P.S Nochima	✓	✓	✓	✓	✓	✓
Keezhmad						
School						
Darusalam L. P. S. Chalakkal	✓	✓	✓	✓	✓	✓
G.U.P.S Keezhmadu	✓	✓	✓	✓	✓	✓
Parakkadavu						
Hospital						
St Joseph Hospital Poovathusserry						✓
School						
G.U.P.S Kurumassery						✓
Govt. L. P. S. Parakkadavu	✓	✓	✓	✓	✓	✓
St. Mary`S U. P. S. Moozhikkulam	✓	✓	✓	✓	✓	✓
Tripunithura Municipality						
School						
G.K.M U.P.S Eroor	✓	✓	✓	✓	✓	✓

ERNAKULAM DISTRICT

ALUVA TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aluva Municipality	2.15	8.14
2	Angamaly Municipality	7.27	7.69
3	Ayyampuzha	16.46	41.07
4	Chengamanad	8.68	8.49
5	Choornikkara	3.83	8.2
6	Edathala	1.50	7.68
7	Kalady	5.23	10.38
8	Kanjoor	5.65	12.02
9	Karukutty	0.85	6.75
10	Keezhmad	5.65	11.92
11	MalayattoorNeeleswaram	9.93	21.98
12	Manjapra	3.32	7.49
13	Mookkannur	0.86	5.76
14	Nedumbassery	9.26	7.69
15	Parakkadavu	8.99	7.82
16	Sreemoolanagaram	4.22	11.92
17	Thuravoor Ekm	2.59	5.98
18	Tripunithura Municipality	3.39	5.05

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aluva Municipality	2.46	9.15
2	Angamaly Municipality	7.77	7.69
3	Ayyampuzha	19.66	46.4
4	Chengamanad	9.72	9.52
5	Choornikkara	4.41	9.52
6	Edathala	1.76	9.17
7	Kalady	6.68	11.88
8	Kanjoor	7.01	13.76
9	Karukutty	0.86	6.75
10	Keezhmad	6.57	12.19
11	MalayattoorNeeleswaram	12.17	23.78
12	Manjapra	4.49	8.98
13	Mookkannur	1.47	5.89
14	Nedumbassery	10.79	7.69
15	Parakkadavu	9.00	7.82
16	Sreemoolanagaram	5.18	12.54
17	Thuravoor Ekm	4.20	6.8
18	Tripunithura Municipality	3.49	5.79

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aluva Municipality	2.60	9.6
2	Angamaly Municipality	8.15	7.69
3	Ayyampuzha	21.91	49.87
4	Chengamanad	10.51	10.2
5	Choornikkara	4.60	9.98
6	Edathala	1.96	9.57
7	Kalady	7.62	12.77
8	Kanjoor	7.76	14.57
9	Karukutty	0.96	6.75
10	Keezhmad	7.09	12.37
11	MalayattoorNeeleswaram	13.34	24.79
12	Manjapra	4.96	9.95
13	Mookkannur	1.61	6.17
14	Nedumbassery	11.47	7.94
15	Parakkadavu	9.12	7.82
16	Sreemoolanagaram	5.69	12.86
17	Thuravoor Ekm	4.93	7.61
18	Tripunithura Municipality	3.53	5.87

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aluva Municipality	2.70	10.17
2	Angamaly Municipality	8.66	7.85
3	Ayyampuzha	24.22	52.21
4	Chengamanad	11.19	10.69
5	Choornikkara	4.76	10.42
6	Edathala	2.22	10.29
7	Kalady	9.05	13.5
8	Kanjoor	8.75	15.42
9	Karukutty	0.99	7.19
10	Keezhmad	7.63	12.67
11	MalayattoorNeeleswaram	14.48	25.69
12	Manjapra	5.37	10.83
13	Mookkannur	1.68	6.47
14	Nedumbassery	12.20	8.08
15	Parakkadavu	9.41	8
16	Sreemoolanagaram	6.18	13.2
17	Thuravoor Ekm	5.44	8.33
18	Tripunithura Municipality	3.59	6.02

1 in 200 YEAR (Historic)

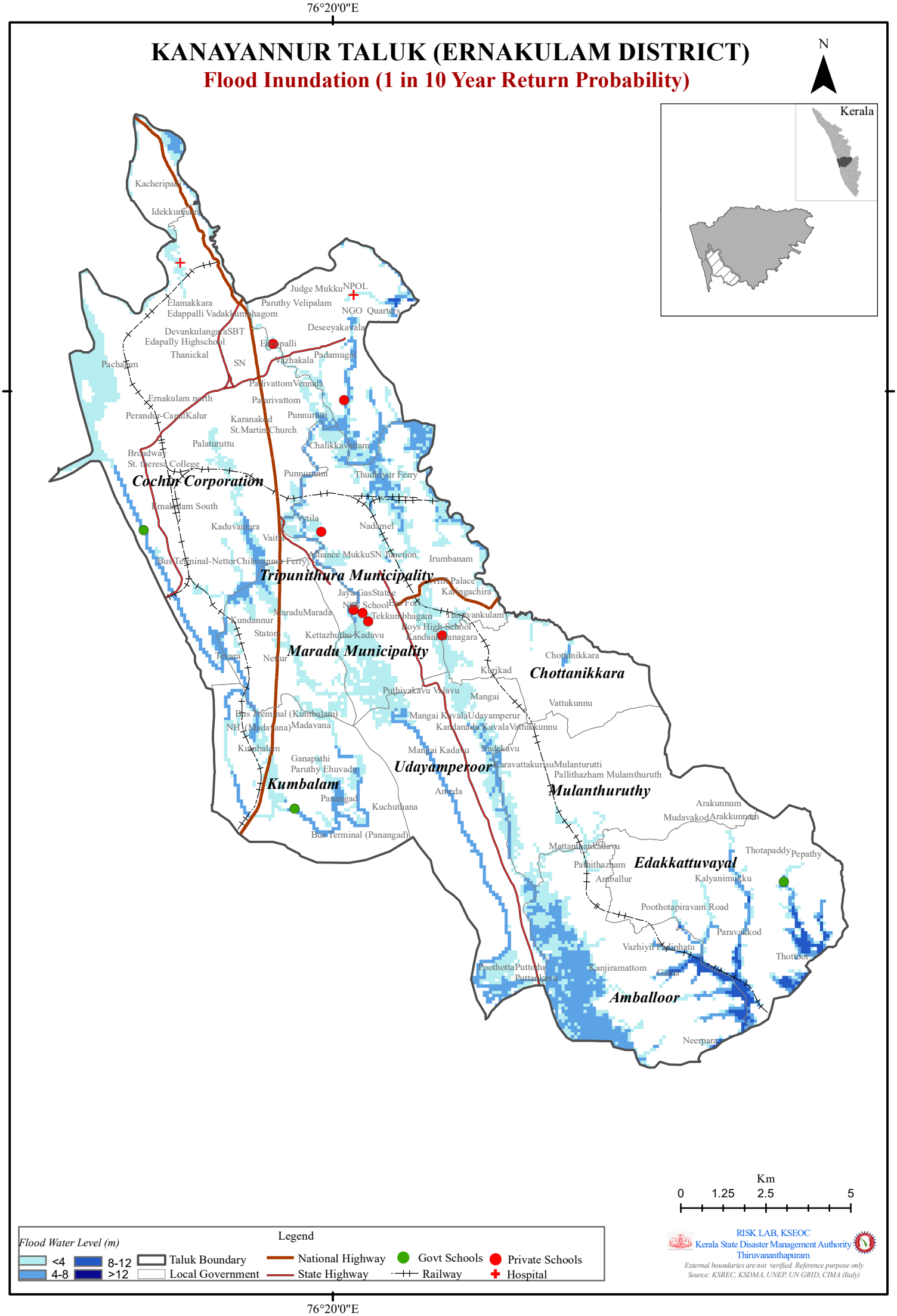
Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aluva Municipality	2.86	10.61
2	Angamaly Municipality	9.25	9.14
3	Ayyampuzha	25.77	53.69
4	Chengamanad	12.26	10.97
5	Choornikkara	4.87	10.73
6	Edathala	2.27	10.65
7	Kalady	10.20	14.3
8	Kanjoor	9.43	16.32
9	Karukutty	1.17	7.91
10	Keezhmad	7.85	14.37
11	MalayattoorNeeleswaram	15.29	26.49
12	Manjapra	5.93	11.73
13	Mookkannur	1.77	6.74
14	Nedumbassery	13.40	9.2
15	Parakkadavu	9.67	8.28
16	Sreemoolanagaram	7.23	14.67
17	Thuravoor Ekm	5.95	8.99
18	Tripunithura Municipality	3.64	6.15

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aluva Municipality	3.16	10.83
2	Angamaly Municipality	9.93	10.03
3	Ayyampuzha	28.48	54.71
4	Chengamanad	13.58	11.39
5	Choornikkara	5.10	11.14
6	Edathala	3.54	11.01
7	Kalady	11.38	15.14
8	Kanjoor	10.06	17.05
9	Karukutty	1.37	8.65
10	Keezhmad	8.12	15.68
11	MalayattoorNeeleswaram	15.99	27.29
12	Manjapra	6.86	12.48
13	Mookkannur	2.14	7.2
14	Nedumbassery	15.48	10.16
15	Parakkadavu	10.23	8.59
16	Sreemoolanagaram	7.52	15.68
17	Thuravoor Ekm	7.10	9.73
18	Tripunithura Municipality	3.64	6.19

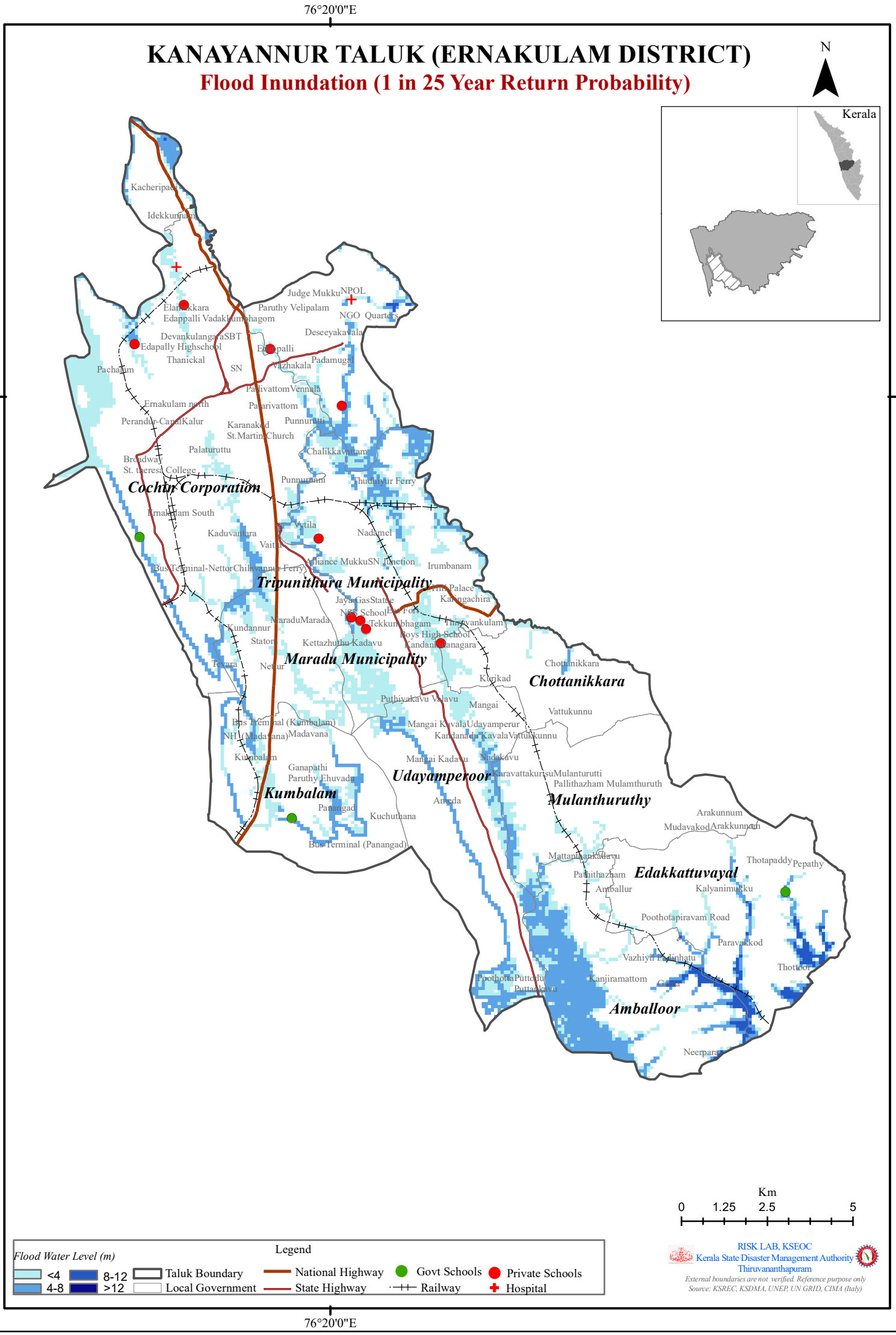
KANAYANNUR TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)



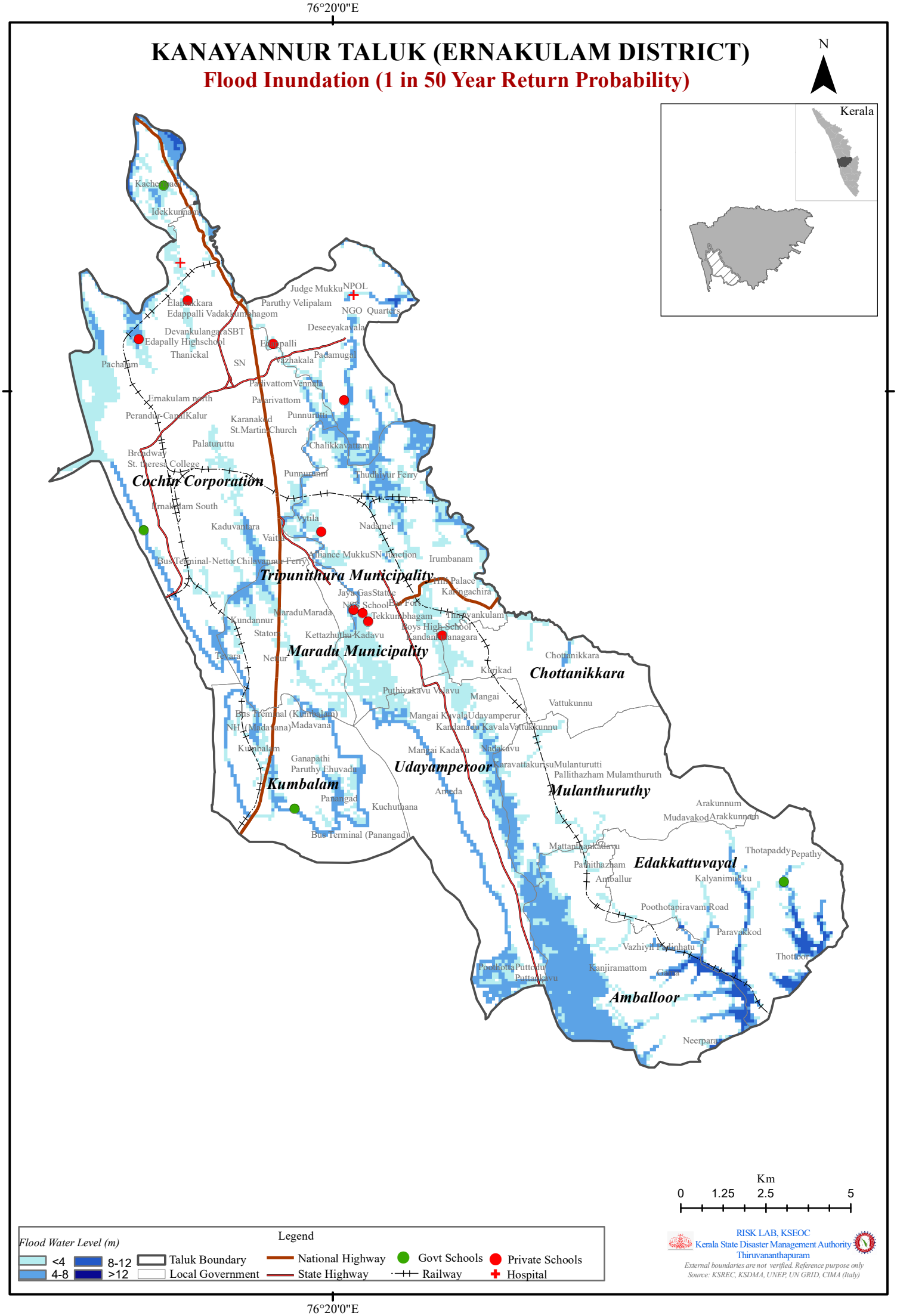
KANAYANNUR TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)



KANAYANNUR TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)



Km
0 1.25 2.5 5

Legend

Flood Water Level (m)
<4
4-8
8-12
>12

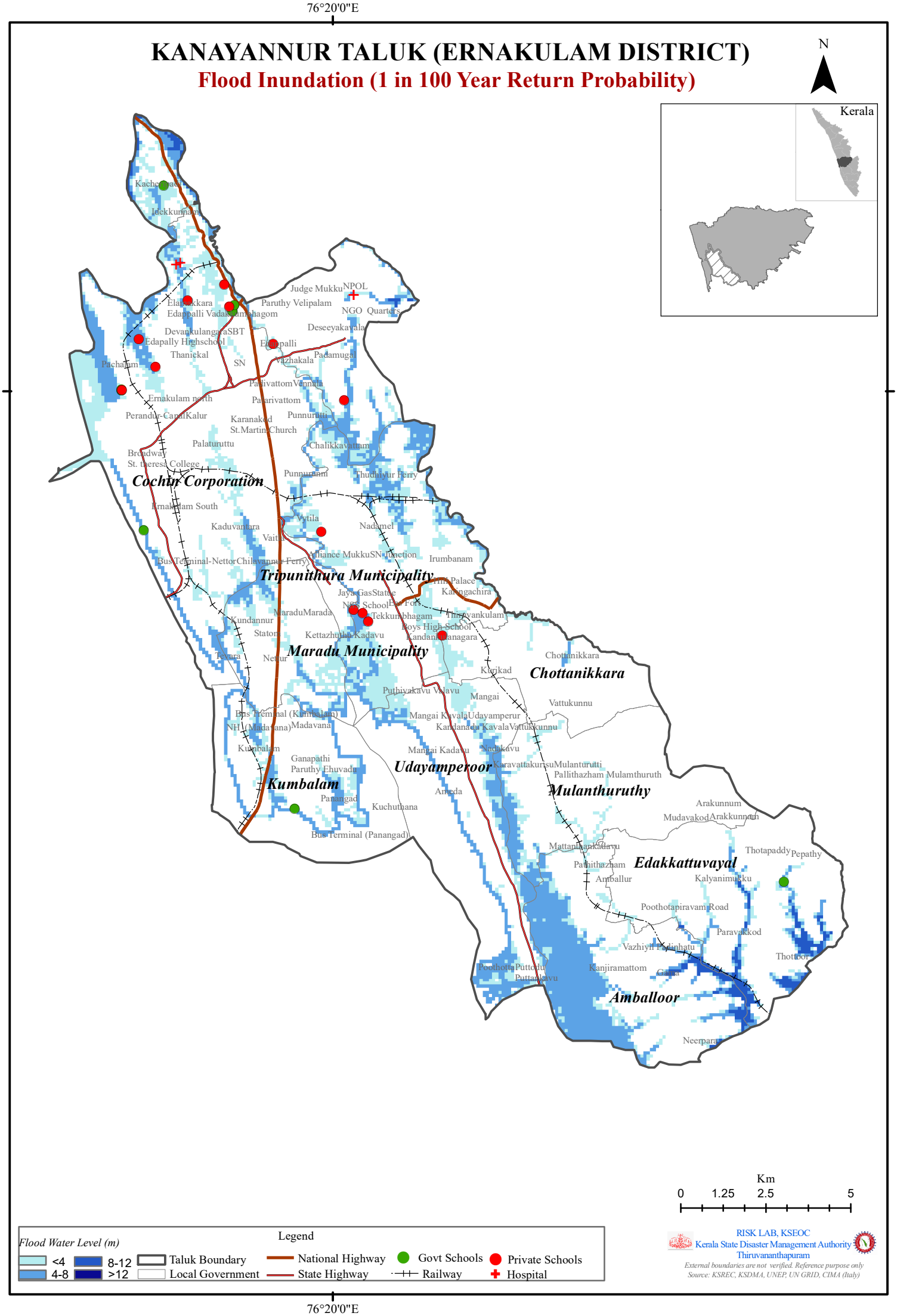
Taluk Boundary
Local Government
National Highway
State Highway
Railway
Govt Schools
Private Schools
Hospital

RISK LAB, KSEOC
Kerala State Disaster Management Authority
Thiruvananthapuram

External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

KANAYANNUR TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)



Km
0 1.25 2.5 5

Flood Water Level (m)
<4
4-8
8-12
>12

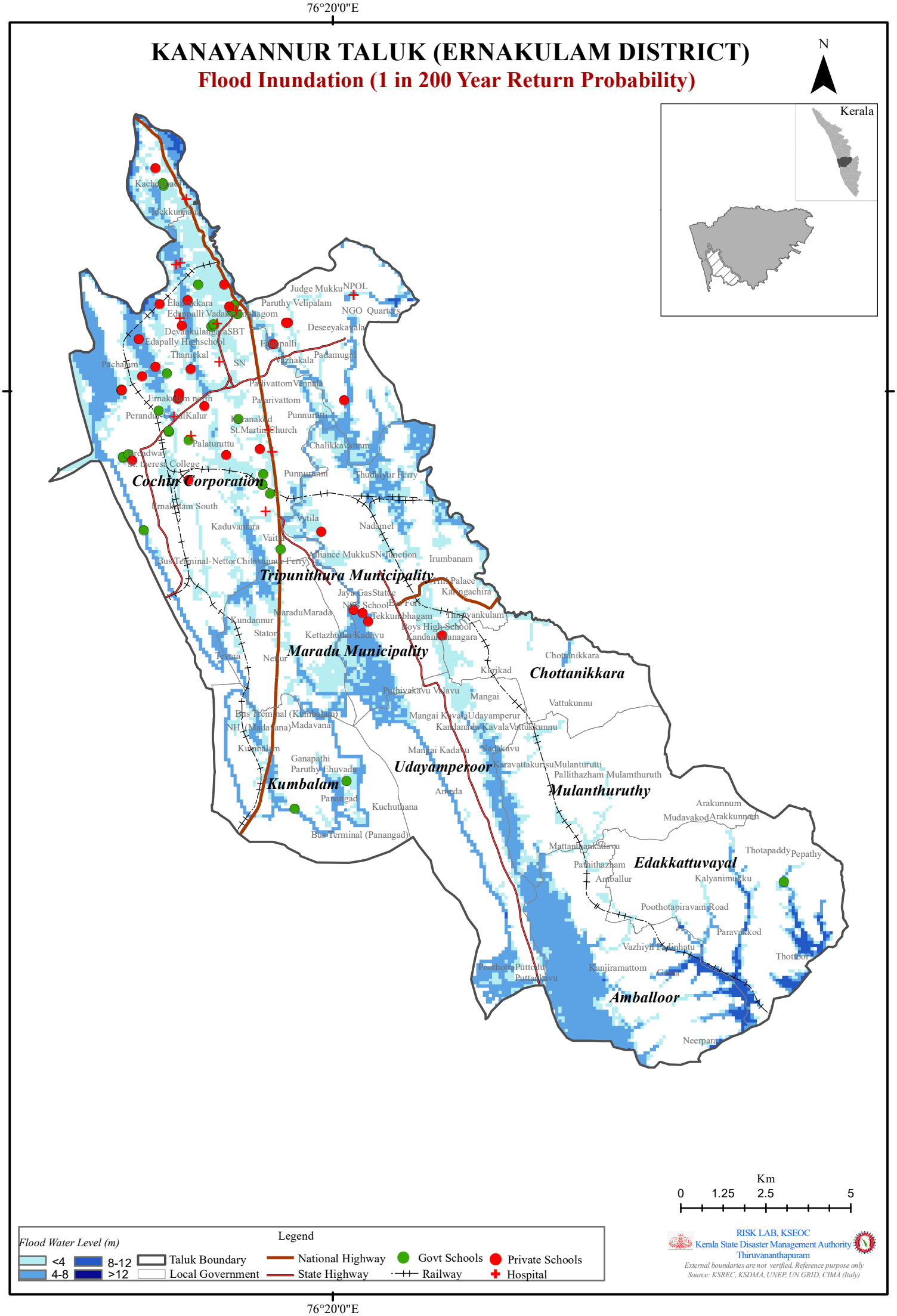
Legend
Taluk Boundary
Local Government
National Highway
State Highway
Railway
Govt Schools
Private Schools
Hospital

RISK LAB, KSEOC
Kerala State Disaster Management Authority
Thiruvananthapuram

External boundaries are not verified. Reference purpose only
Source: KSREC, KSDMA, UNEP, UN GRID, CIMA (Italy)

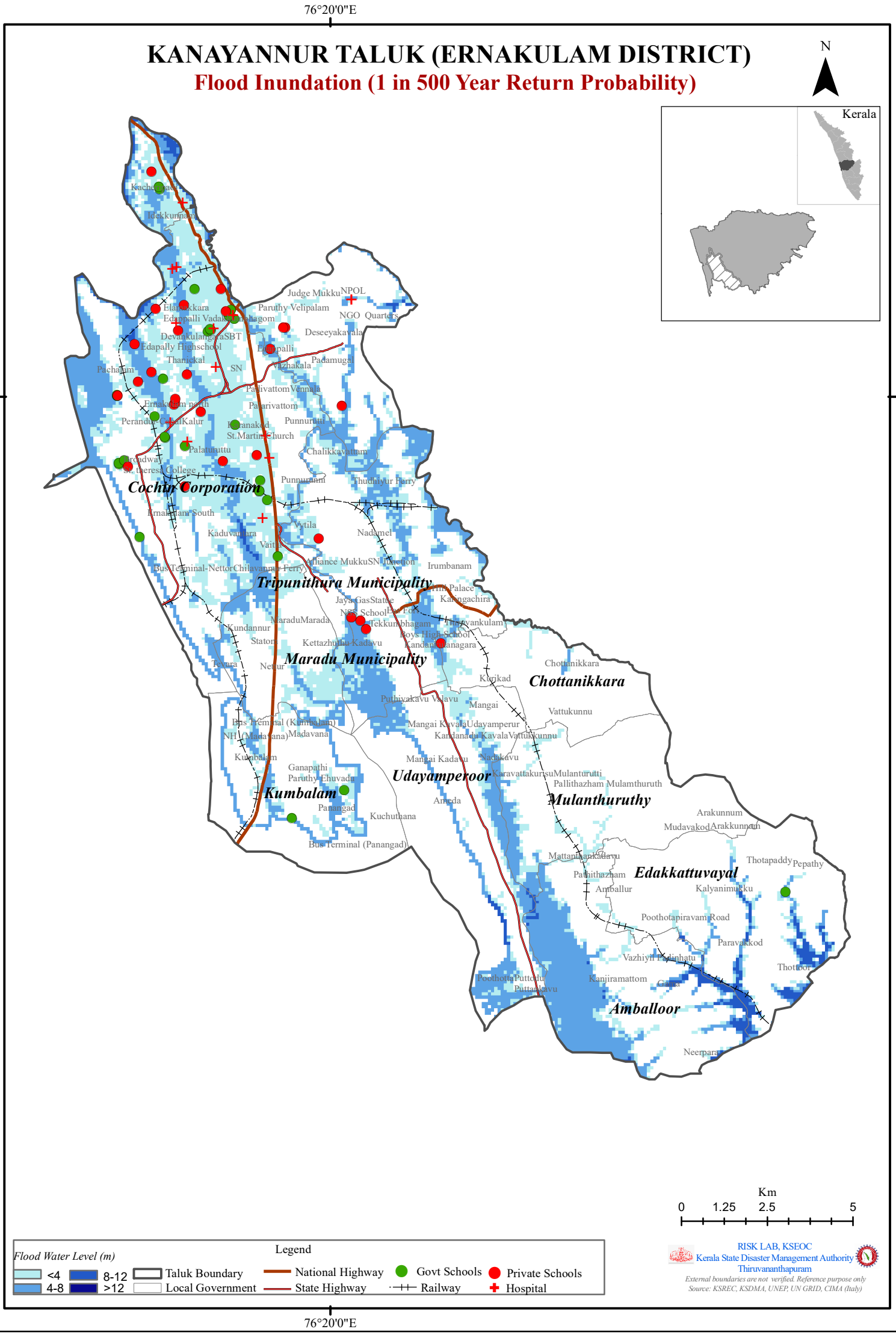
KANAYANNUR TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)



KANAYANNUR TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)



ERNAKULAM DISTRICT						
KANAYANNUR TALUK						
Name of exposed Hospital/School (LSGI)	Return Probability (Historic)					
	1 In 10 Year	1 in 25 Year	1 in 50 Year	1 in 100 Year	1 in 200 Year	1 in 500 Year
Cheranalloor						
Hospital						
Cimar Hospital					✓	✓
School						
G.L.P.S Cheranelloor						✓
Little Flower L.P.S. Cheranelloor			✓	✓	✓	✓
Little Flower U.P.S. Cheranelloor						✓
Chottanikkara						
School						
G.J.B.S Kanayannoor	✓	✓	✓	✓	✓	✓
Cochin Corporation						
Hospital						
AIMS Hospital		✓	✓	✓	✓	✓
Amritha Hospital				✓	✓	✓
CHC Edappally					✓	✓
Gitanjali Hospital					✓	✓
MAJ Hospital					✓	✓
Pauls Kaloor						✓
PVS Hospital					✓	✓
Renai Hospital						✓
Shanti Hospital					✓	✓
Vijayalakshmi Medical Centre						✓
Welcare Hospital						✓
School						
C.K.C H.S. Ponnurunny						✓
G.B.T.S L.P.S Edappally		✓	✓	✓	✓	✓
G.L.P.S Ernakulam				✓	✓	✓
G.L.P.S Padivattom					✓	✓
G.L.P.S Ponnurunni						✓
G.U.P.S Edappally				✓	✓	✓
Govt. B.T.S. L.P.School Edappally						✓
Govt. L.P.S. Ponnurunni						✓
Govt. St. George L.P.S. Thiruvankulam				✓	✓	✓
Govt. U.P.S. Edappally					✓	✓
Govt. U.P.S. For Girls Ernakulam					✓	✓
L.M.C.C.H.S. For Girls Chathiath				✓	✓	✓
Lady Of Mount Carmel Boys L.P.S. Chathiath				✓	✓	✓
Little Flower U.P.S. Kaloor					✓	✓
Pius Girls H.S Edappally						✓
S.P.Y.L.P.S. Ponnurunni						✓
Sree Rudra Vilasom U.P.S. Ernakulam	✓	✓	✓	✓	✓	✓
SRV (D) L.P.S Ernakulam		✓	✓	✓	✓	✓
SRV (D) U.P.S Ernakulam						✓
St. Albert`S H.S.S. Ernakulam						✓
St. Augustin`S H.S. Ernakulam						✓
St. Augustine`S L.P.S. Ernakulam						✓
St. Augustine`S U.P.S. Thykoodam						✓
St. George`S H.S Edappally				✓	✓	✓
St. George`S.L.P.S. Edappally				✓	✓	✓
St. Ignatious Leyola. L.P.S. Ponel					✓	✓
St. Joachim'S G.U.P.S. Kaloor						✓
St. Mary`S C.G.H.S.S. Ernakulam						✓
St. Mary`S C.G.L.P.S. Ernakulam					✓	✓
St. Raphel`S L.P.S. Palarivattom					✓	✓
St. Ritas H.S. Ponnurunny						✓
Union L.P.S. Thrikkanarvattom						✓
Edakkattuvayal						
School						
Govt. U P S Veliyanad	✓	✓	✓	✓	✓	✓
Kochi(C)						
Hospital						
AIMS Hospital	✓	✓	✓	✓	✓	✓
Kumbalam						

School						
Desabandhu School. Cheppanam					✓	✓
St. Antony`S U.P.S. Panangad	✓	✓	✓	✓	✓	✓
Sreemoolanagaram						
School						
St. Joseph`S L. P. S. Thekkumbhagam	✓	✓	✓	✓	✓	✓
Thrikkakara Municipality						
Hospital						
Sunrise Hospital		✓	✓	✓	✓	✓
School						
G.U.P.S Kakkanad	✓	✓	✓	✓	✓	✓
Thrikkakkara(M)						
Hospital						
Sunrise Hospital	✓	✓	✓	✓	✓	✓
Tripunithura Municipality						
School						
G.K.M U.P.S Eroor	✓	✓	✓	✓	✓	✓

ERNAKULAM DISTRICT

KANAYANNUR TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Amballoor	9.80	9.44
2	Cheranalloor	1.11	7.11
3	Chottanikkara	1.40	4.12
4	Cochin Corporation	11.68	6.54
5	Edakkattuvayal	4.40	14.07
6	Kumbalam	4.00	3.81
7	Maradu Municipality	3.98	4.73
8	Mulanthuruthy	1.49	3.48
9	Sreemoolanagaram	3.23	11.03
10	Thrikkakara Municipality	3.52	9.87
11	Tripunithura Municipality	9.11	6.54
12	Udayamperoor	5.82	4.26

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Amballoor	10.33	9.84
2	Cheranalloor	2.31	8.12
3	Chottanikkara	1.47	4.27
4	Cochin Corporation	13.72	6.66
5	Edakkattuvayal	4.63	14.83
6	Kumbalam	4.05	4.01
7	Maradu Municipality	4.21	4.93
8	Mulanthuruthy	1.77	4.6
9	Sreemoolanagaram	4.16	12.29
10	Thrikkakara Municipality	3.69	9.99
11	Tripunithura Municipality	9.60	6.66
12	Udayamperoor	6.30	4.84

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Amballoor	10.58	10.13
2	Cheranalloor	2.45	8.23
3	Chottanikkara	1.51	4.42
4	Cochin Corporation	15.32	6.72
5	Edakkattuvayal	4.79	15.62
6	Kumbalam	4.13	4.29
7	Maradu Municipality	4.33	5
8	Mulanthuruthy	2.15	5.3
9	Sreemoolanagaram	4.75	13.18
10	Thrikkakara Municipality	3.72	10.01
11	Tripunithura Municipality	9.89	6.72
12	Udayamperoor	6.58	5.83

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Amballoor	11.02	10.41
2	Cheranalloor	2.74	8.35
3	Chottanikkara	1.57	4.92
4	Cochin Corporation	19.37	6.87
5	Edakkattuvayal	5.42	16.21
6	Kumbalam	4.36	4.81
7	Maradu Municipality	4.42	5.1
8	Mulanthuruthy	4.15	6.97
9	Sreemoolanagaram	5.20	13.93
10	Thrikkakara Municipality	4.10	10.01
11	Tripunithura Municipality	10.21	6.79
12	Udayamperoor	7.05	6.35

1 in 200 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Amballoor	11.24	10.69
2	Cheranalloor	3.02	8.47
3	Chottanikkara	1.79	5.73
4	Cochin Corporation	26.20	8.21
5	Edakkattuvayal	5.62	16.69
6	Kumbalam	4.48	5.08
7	Maradu Municipality	4.61	5.21
8	Mulanthuruthy	4.27	7.14
9	Sreemoolanagaram	5.41	14.66
10	Thrikkakara Municipality	4.57	10.06
11	Tripunithura Municipality	10.46	6.83
12	Udayamperoor	7.66	6.62

1 in 500 YEAR (Historic)

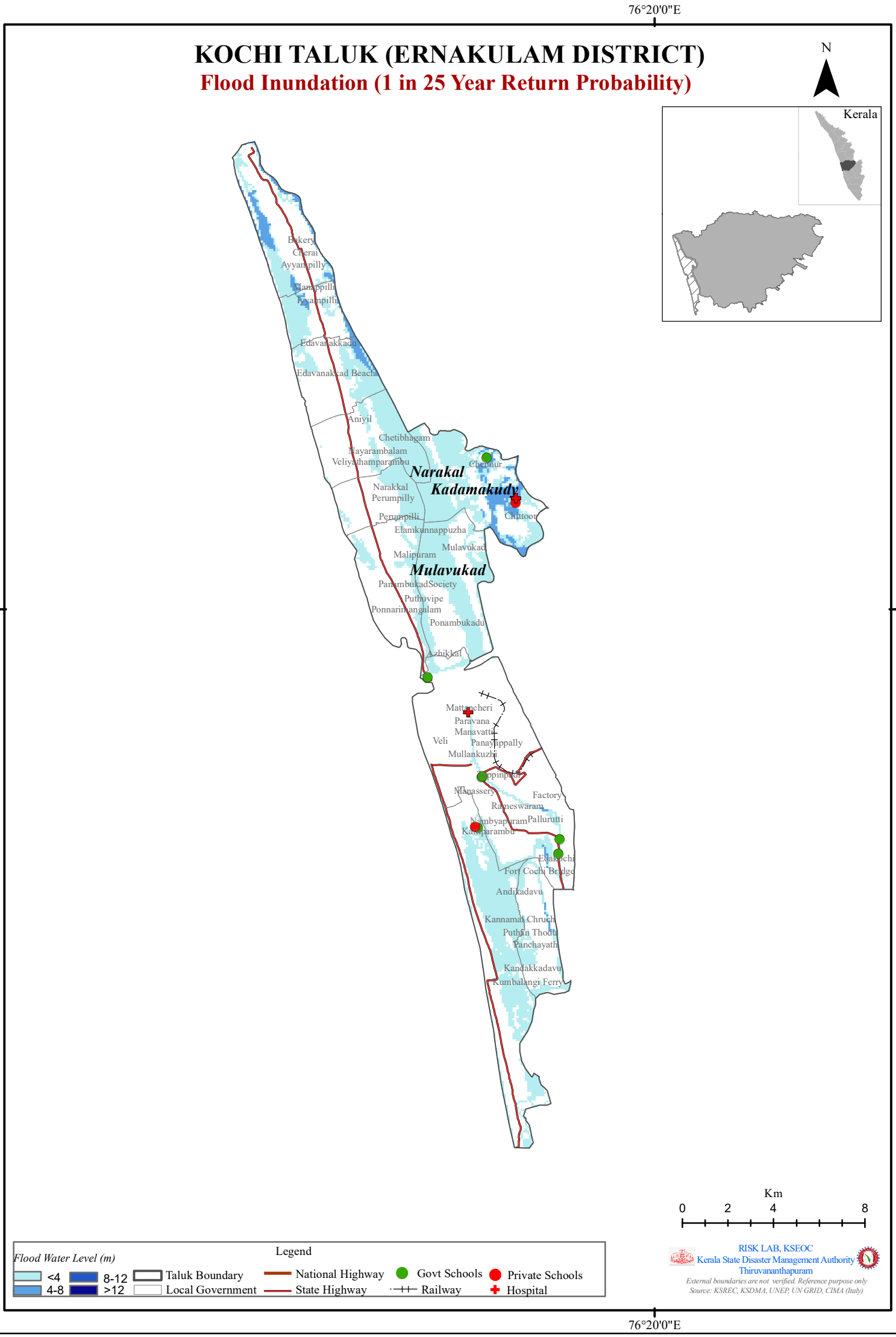
Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Amballoor	11.57	11.18
2	Cheranalloor	3.65	9.15
3	Chottanikkara	1.84	5.92
4	Cochin Corporation	36.90	9.17
5	Edakkattuvayal	5.74	16.96
6	Kumbalam	4.71	5.29
7	Maradu Municipality	6.58	5.65
8	Mulanthuruthy	4.43	7.29
9	Sreemoolanagaram	5.47	15.18
10	Thrikkakara Municipality	5.03	10.1
11	Tripunithura Municipality	10.68	6.83
12	Udayamperoor	7.80	6.82

KOCHI TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)

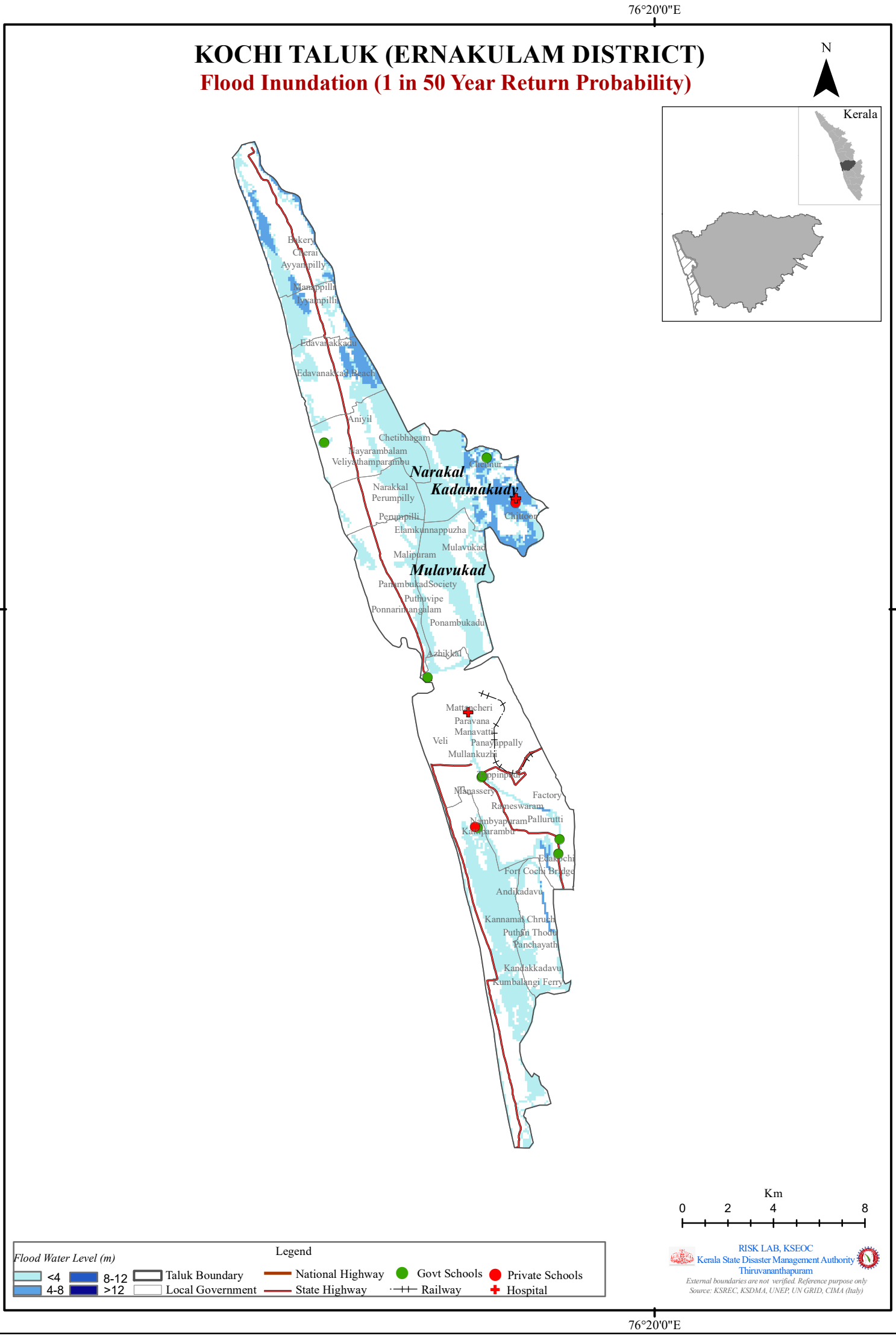
KOCHI TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)



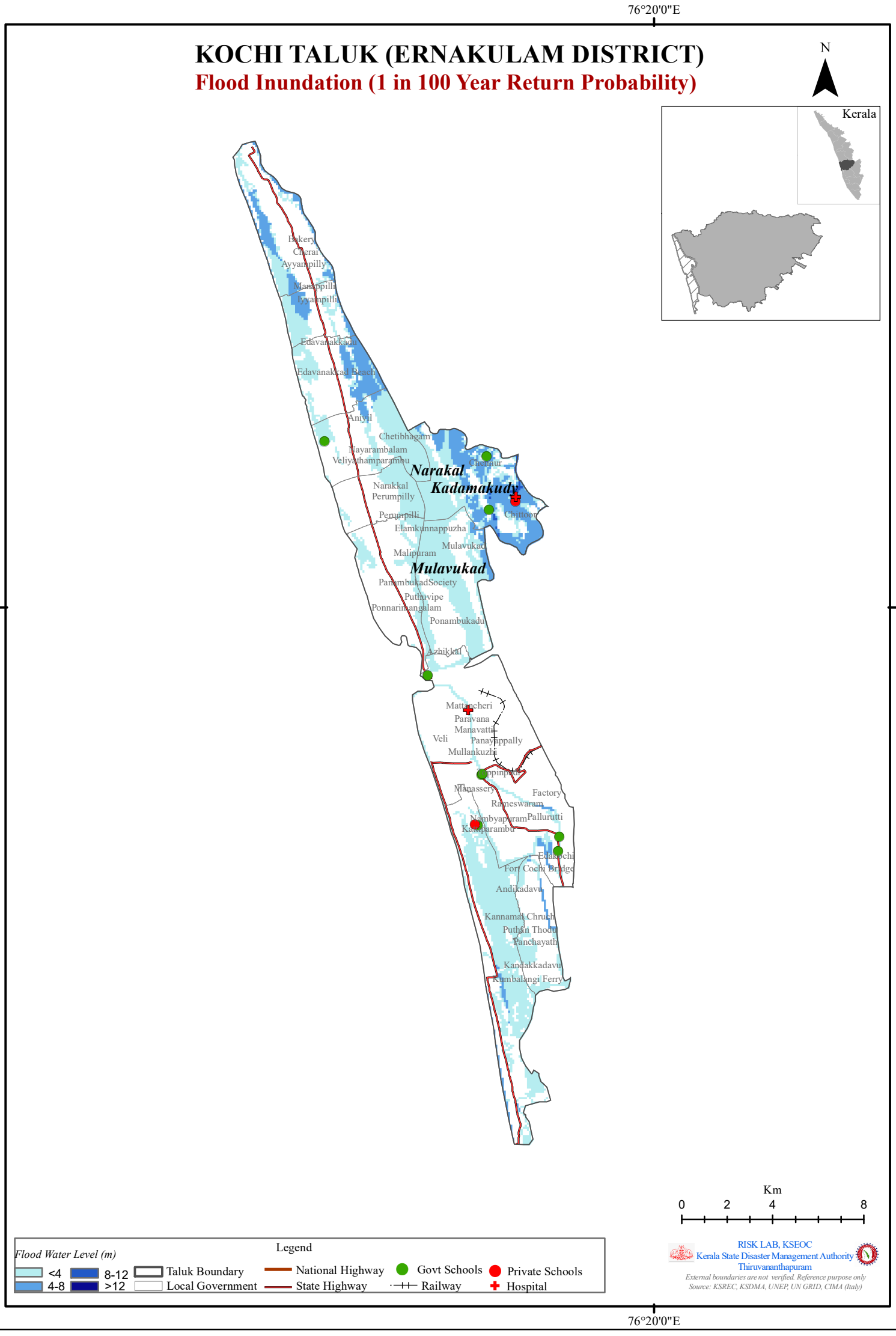
KOCHI TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)



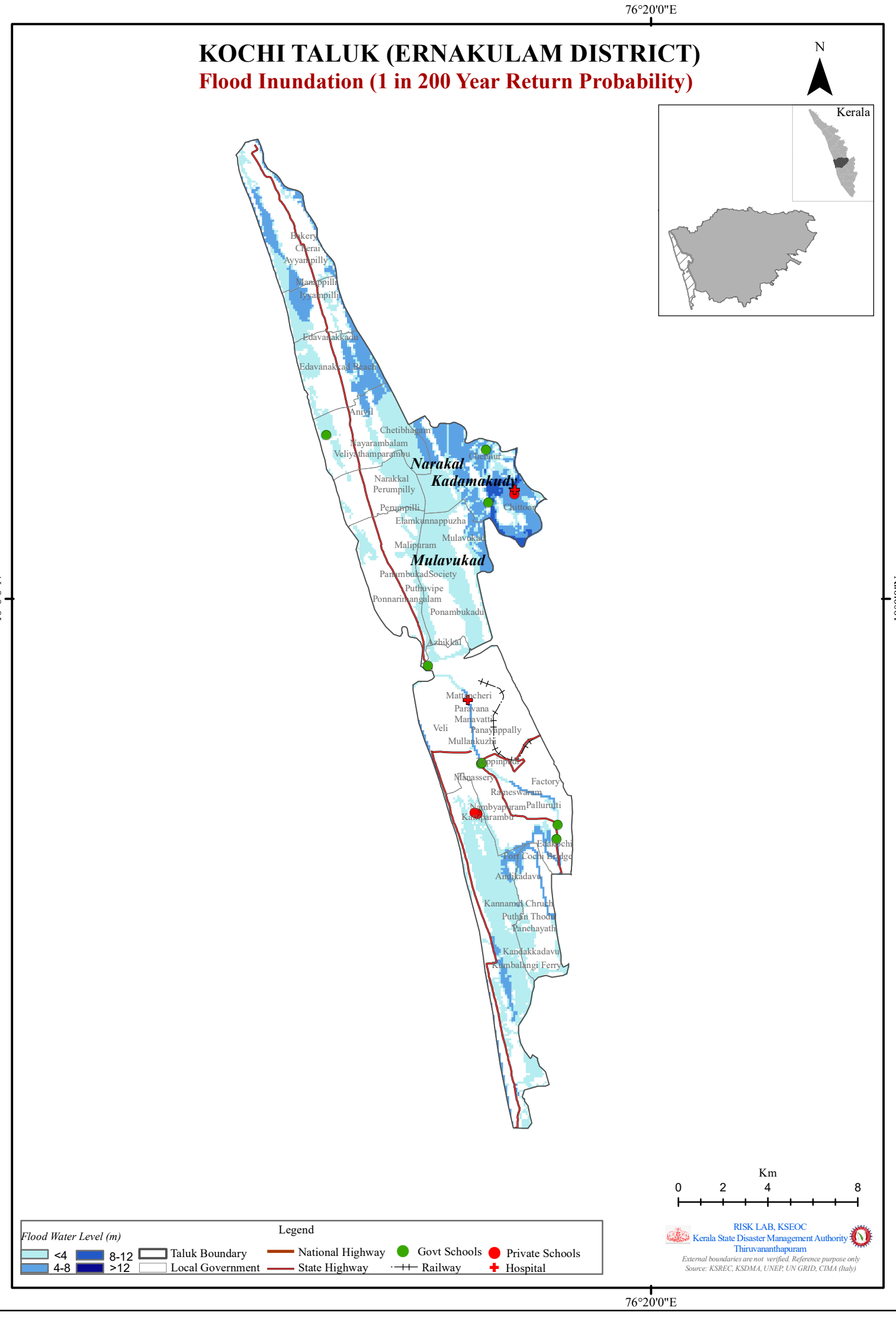
KOCHI TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)



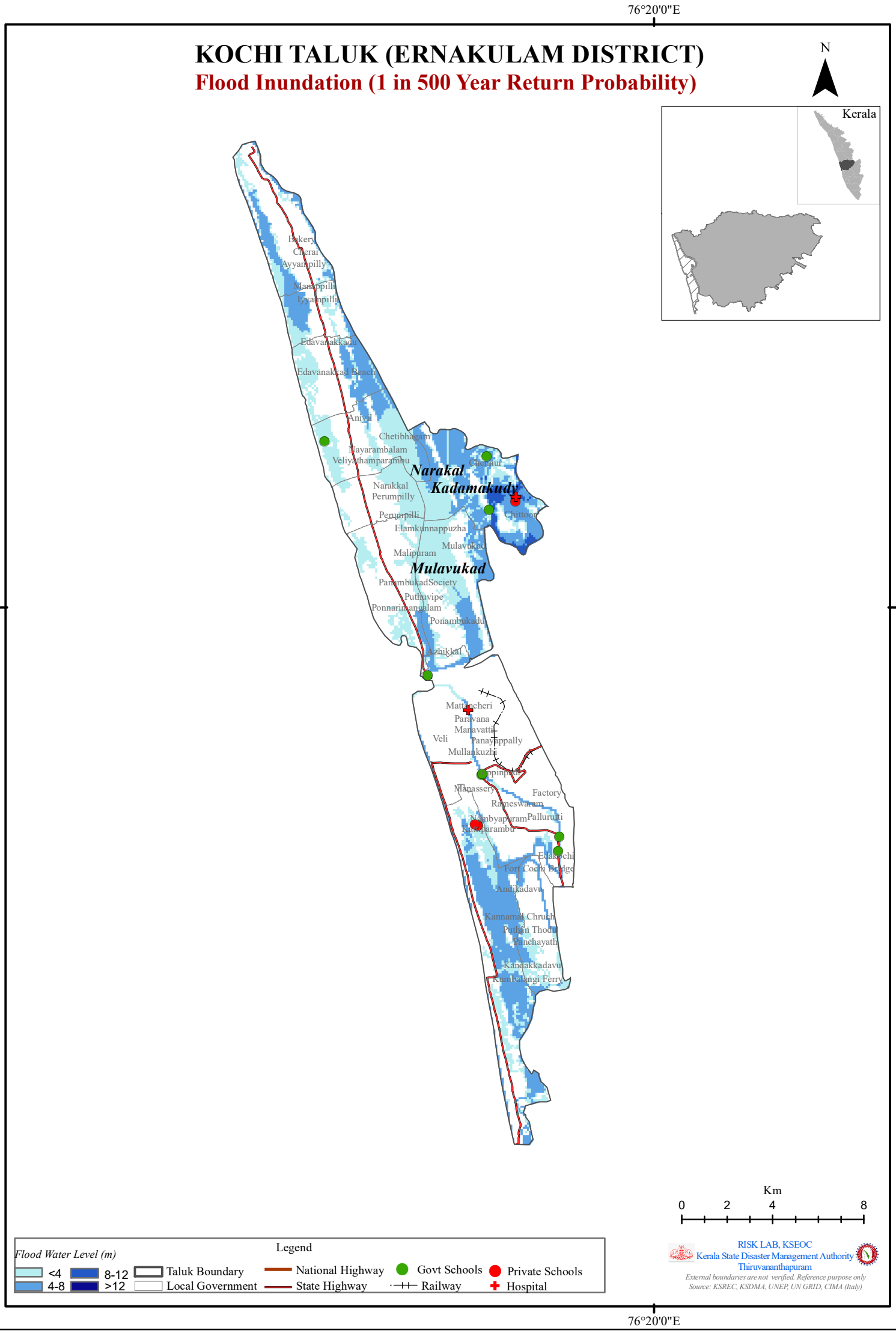
KOCHI TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)



KOCHI TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)



ERNAKULAM DISTRICT						
KOCHI TALUK						
Name of exposed Hospital/School (LSGI)	Return Probability (Historic)					
	1 In 10 Year	1 in 25 Year	1 in 50 Year	1 in 100 Year	1 in 200 Year	1 in 500 Year
Chellanam						
School						
G.H.S S Puthenthode		✓	✓	✓	✓	✓
S.D.P.Y .Boys H.S.S. Palluruthy		✓	✓	✓	✓	✓
Cochin Corporation						
Hospital						
W & C Mattanchery	✓		✓	✓	✓	✓
School						
Canossa U.P.S. Vypeen	✓	✓	✓	✓	✓	✓
Govt. H.S. Edacochi	✓	✓	✓	✓	✓	✓
St. Lawrence`S U.P.S. Edacochi	✓	✓	✓	✓	✓	✓
St. Sebastian`S H.S.S. Palluruthy	✓	✓	✓	✓	✓	✓
St. Sebastian`S. L.P.S. Palluruthy	✓	✓	✓	✓	✓	✓
Kadamakudy						
Hospital						
Aster Medicity		✓	✓	✓	✓	✓
School						
Angel Mary Memorial L.Ps Chennur	✓	✓	✓	✓	✓	✓
G.L.P.S Cheranelloor		✓	✓	✓	✓	✓
St. Joseph`S L.P.S. Moolampilly				✓	✓	✓
Kochi						
Hospital						
W & C Mattanchery		✓	✓	✓	✓	✓
Nayarambalam						
School						
S.B.S.L.P.S. Puthenkadappuram			✓	✓	✓	✓

ERNAKULAM DISTRICT

KOCHI TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Chellanam	14.62	3.12
2	Cochin Corporation	3.88	3.09
3	Edavanakkad	3.34	2.39
4	Elankunnapuzha	3.08	2.24
5	Kadamakudy	11.10	4.33
6	Kumbalanghi	3.44	3.12
7	Kuzhuppilly	2.94	4.93
8	Mulavukad	9.61	2.51
9	Narakal	2.75	1.18
10	Nayarambalam	5.51	1.16
11	Pallippuram	5.37	6.73

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Chellanam	15.25	3.5
2	Cochin Corporation	4.08	3.5
3	Edavanakkad	4.33	3.27
4	Elankunnapuzha	3.42	2.54
5	Kadamakudy	13.02	8.09
6	Kumbalanghi	3.69	3.5
7	Kuzhuppilly	3.28	5.66
8	Mulavukad	9.82	2.83
9	Narakal	2.81	1.29
10	Nayarambalam	5.54	2.33
11	Pallippuram	5.75	7.12

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Chellanam	15.59	3.59
2	Cochin Corporation	4.17	3.6
3	Edavanakkad	5.34	3.93
4	Elankunnapuzha	3.62	2.75
5	Kadamakudy	13.94	8.2
6	Kumbalanghi	3.71	3.6
7	Kuzhuppilly	3.51	6.17
8	Mulavukad	10.01	3.86
9	Narakal	2.85	1.37
10	Nayarambalam	6.01	2.87
11	Pallippuram	5.99	7.31

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Chellanam	19.35	5.15
2	Cochin Corporation	4.24	3.7
3	Edavanakkad	6.22	5.17
4	Elankunnapuzha	3.76	2.86
5	Kadamakudy	14.69	8.31
6	Kumbalanghi	3.90	3.87
7	Kuzhuppilly	3.78	6.55
8	Mulavukad	10.23	5.23
9	Narakal	2.87	1.47
10	Nayarambalam	7.25	3.44
11	Pallippuram	6.77	7.57

1 in 200 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Chellanam	19.73	5.33
2	Cochin Corporation	4.30	3.8
3	Edavanakkad	6.54	5.52
4	Elankunnapuzha	3.96	2.91
5	Kadamakudy	15.26	8.42
6	Kumbalanghi	4.08	4.18
7	Kuzhuppilly	3.90	6.75
8	Mulavukad	10.56	6.01
9	Narakal	3.13	2.24
10	Nayarambalam	7.93	3.82
11	Pallippuram	6.87	7.65

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Chellanam	20.19	5.62
2	Cochin Corporation	4.31	3.9
3	Edavanakkad	6.90	6.13
4	Elankunnapuzha	4.26	3.11
5	Kadamakudy	15.62	8.76
6	Kumbalanghi	4.20	4.45
7	Kuzhuppilly	4.01	7.16
8	Mulavukad	10.68	6.36
9	Narakal	3.16	2.86
10	Nayarambalam	8.21	4.23
11	Pallippuram	7.00	7.77

KOTHAMANGALAM TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)

KOTHAMANGALAM TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)

KOTHAMANGALAM TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)

KOTHAMANGALAM TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)

KOTHAMANGALAM TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)

KOTHAMANGALAM TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)

ERNAKULAM DISTRICT						
KOTHAMANGALAM TALUK						
Name of exposed Hospital/School (LSGI)	Return Probability (Historic)					
	1 In 10 Year	1 in 25 Year	1 in 50 Year	1 in 100 Year	1 in 200 Year	1 in 500 Year
Kavalangad						
School						
G.U.P.S Thalacode				✓	✓	✓
Govt. V H S S Neriamangalam	✓	✓	✓	✓	✓	✓
Kothamangalam Municipality						
School						
G.U.P.S Kothamangalam	✓	✓	✓	✓	✓	✓
Kuttampuzha						
School						
Govt. HwUPS Thattekkad	✓	✓	✓	✓	✓	✓
Govt. UPS Edamalayar	✓	✓	✓	✓	✓	✓
St. Antony`S UPS Njayappilly	✓	✓	✓	✓	✓	✓
St. George`S UPS Pooyamkutty	✓	✓	✓	✓	✓	✓

ERNAKULAM DISTRICT

KOTHAMANGALAM TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Kavalangad	7.36	33.11
2	Keerampara	22.24	23.62
3	Kothamangalam Municipality	15.55	20.56
4	Kottappady	0.63	8.43
5	Kuttampuzha	67.34	57.2
6	Nellikuzhi	5.87	21.58
7	Pallarimangalam	0.78	3.8
8	Pindimana	12.56	32.9
9	Pothanicad	2.08	9.22
10	Varappetty	3.51	12.66

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Kavalangad	7.85	38.38
2	Keerampara	23.58	26.82
3	Kothamangalam Municipality	20.29	22.43
4	Kottappady	2.75	11.62
5	Kuttampuzha	71.05	57.2
6	Nellikuzhi	6.93	23.97
7	Pallarimangalam	0.84	4
8	Pindimana	13.91	36.19
9	Pothanicad	2.27	10.46
10	Varappetty	5.74	18.08

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Kavalangad	9.77	41.57
2	Keerampara	24.28	29.02
3	Kothamangalam Municipality	25.34	22.75
4	Kottappady	5.53	15.62
5	Kuttampuzha	73.54	57.21
6	Nellikuzhi	8.60	24.91
7	Pallarimangalam	1.31	16.25
8	Pindimana	14.40	38.35
9	Pothanicad	2.43	10.66
10	Varappetty	8.73	20.29

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Kavalangad	10.29	45.34
2	Keerampara	24.74	30.82
3	Kothamangalam Municipality	27.73	23.34
4	Kottappady	6.17	16.94
5	Kuttampuzha	75.67	57.21
6	Nellikuzhi	9.06	26.07
7	Pallarimangalam	1.41	16.25
8	Pindimana	14.93	40.23
9	Pothanicad	2.59	11.16
10	Varappetty	11.97	21.83

1 in 200 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Kavalangad	10.79	48.03
2	Keerampara	25.11	32.62
3	Kothamangalam Municipality	29.09	25.57
4	Kottappady	6.73	18.02
5	Kuttampuzha	77.74	57.21
6	Nellikuzhi	11.29	26.79
7	Pallarimangalam	1.48	16.29
8	Pindimana	15.47	41.72
9	Pothanicad	2.78	12.06
10	Varappetty	13.91	22.71

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Kavalangad	11.18	51.71
2	Keerampara	25.70	34.82
3	Kothamangalam Municipality	29.87	27.63
4	Kottappady	11.19	19.64
5	Kuttampuzha	80.37	57.21
6	Nellikuzhi	11.79	27.85
7	Pallarimangalam	3.25	17.22
8	Pindimana	15.98	43.9
9	Pothanicad	5.26	21.29
10	Varappetty	16.00	23.64

KUNNATHUNAD TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)

KUNNATHUNAD TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)

KUNNATHUNAD TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)

KUNNATHUNAD TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)

KUNNATHUNAD TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)

KUNNATHUNAD TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)

ERNAKULAM DISTRICT						
KUNNATHUNAD TALUK						
Name of exposed Hospital/School (LSGI)	Return Probability (Historic)					
	1 In 10 Year	1 in 25 Year	1 in 50 Year	1 in 100 Year	1 in 200 Year	1 in 500 Year
Koovappady						
School						
G.L.P.S Koovappady	✓	✓	✓	✓	✓	✓
Kunnathunad						
School						
G.L.P.S Vempilly		✓	✓	✓	✓	✓

ERNAKULAM DISTRICT

KUNNATHUNAD TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aikaranad	1.48	8.94
2	Kizhakkambalam	3.44	3.05
3	Koovappady	13.86	21.98
4	Kunnathunad	3.55	5.67
5	Mazhuvannoor	3.53	8.13
6	Mudakuzha	3.35	8.46
7	Okkal	5.72	11.98
8	Perumbavoor Municipality	2.83	12.02
9	Poothrikka	4.21	10.8
10	Rayamangalam	0.37	5.46
11	Thiruvaniyoor	1.93	4.79
12	Vadavucode Puthencruz	2.80	9.68
13	Vazhakulam	5.21	11.98
14	Vengola	1.59	9.54
15	Vengoor	15.23	41.07

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aikaranad	1.83	9.84
2	Kizhakkambalam	3.54	3.11
3	Koovappady	17.22	23.78
4	Kunnathunad	3.72	5.72
5	Mazhuvannoor	3.90	9.03
6	Mudakuzha	5.34	9.57
7	Okkal	7.32	13.78
8	Perumbavoor Municipality	3.98	13.76
9	Poothrikka	4.67	11.69
10	Rayamangalam	0.52	7.27
11	Thiruvaniyoor	1.95	4.8
12	Vadavucode Puthencruz	2.89	9.7
13	Vazhakulam	6.53	13.72
14	Vengola	2.89	11.98
15	Vengoor	17.60	46.4

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aikaranad	1.98	10.34
2	Kizhakkambalam	4.18	5.31
3	Koovappady	18.86	24.79
4	Kunnathunad	3.90	5.73
5	Mazhuvannoor	4.65	9.53
6	Mudakuzha	5.88	10.76
7	Okkal	8.65	14.07
8	Perumbavoor Municipality	4.56	14.6
9	Poothrikka	4.96	12
10	Rayamangalam	0.67	7.82
11	Thiruvaniyoor	2.15	4.81
12	Vadavucode Puthencruz	3.00	9.7
13	Vazhakulam	7.47	14.36
14	Vengola	3.16	12.73
15	Vengoor	19.05	49.87

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aikaranad	2.57	10.94
2	Kizhakkambalam	6.32	8.3
3	Koovappady	20.36	25.69
4	Kunnathunad	4.15	5.78
5	Mazhuvannoor	5.20	10.13
6	Mudakuzha	6.51	12.92
7	Okkal	9.66	14.99
8	Perumbavoor Municipality	4.95	15.44
9	Poothrikka	5.20	12.5
10	Rayamangalam	0.78	8.52
11	Thiruvaniyoor	2.19	4.81
12	Vadavucode Puthencruz	3.02	9.71
13	Vazhakulam	8.61	15.2
14	Vengola	3.95	13.6
15	Vengoor	20.61	52.21

1 in 200 YEAR (Historic)

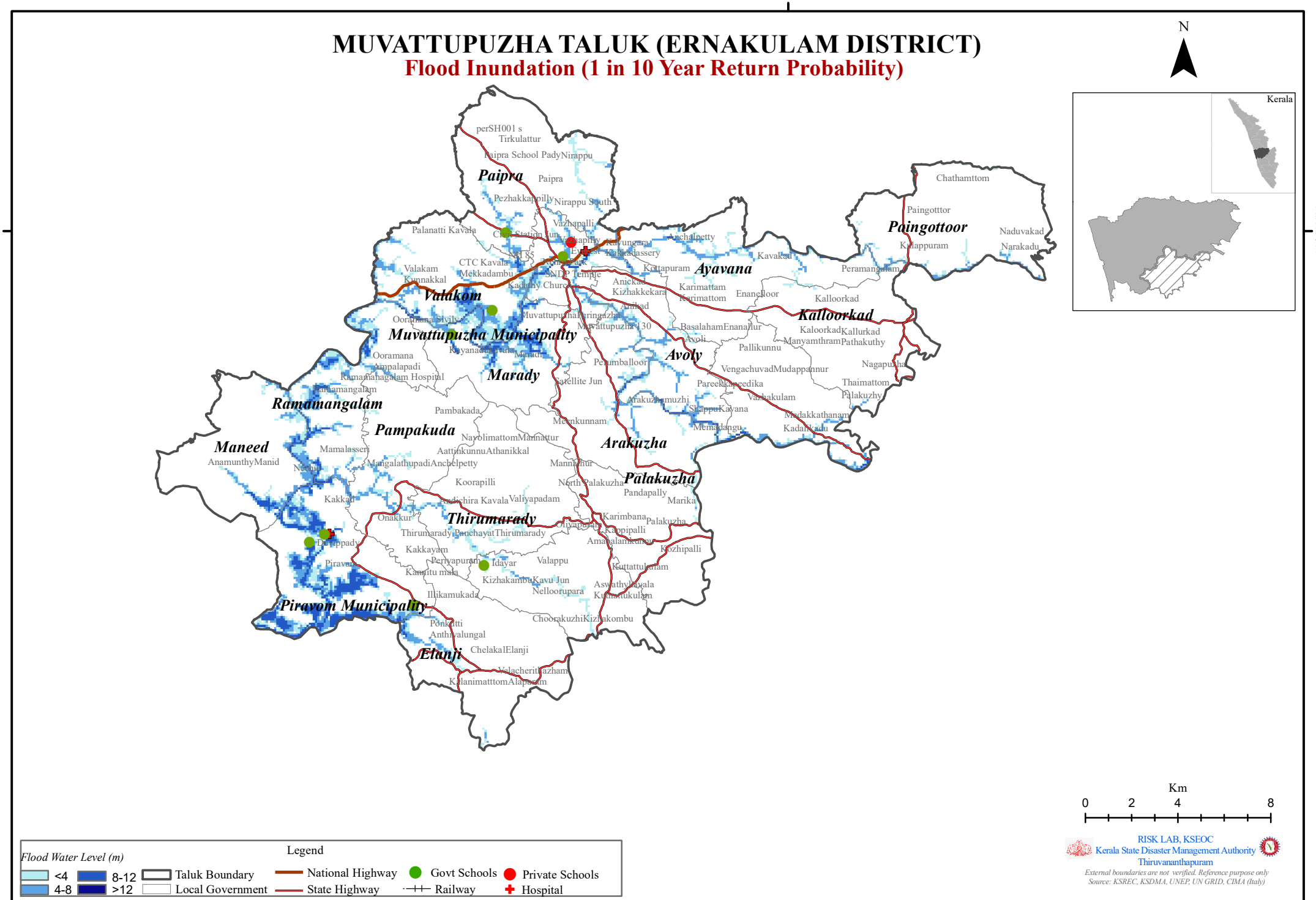
Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aikaranad	2.59	10.94
2	Kizhakkambalam	7.27	9.9
3	Koovappady	21.25	26.49
4	Kunnathunad	4.17	5.87
5	Mazhuvannoor	5.47	10.18
6	Mudakuzha	7.02	14.47
7	Okkal	10.42	15.92
8	Perumbavoor Municipality	5.90	16.34
9	Poothrikka	5.43	13.09
10	Rayamangalam	2.15	9.23
11	Thiruvaniyoor	2.23	4.81
12	Vadavucode Puthencruz	3.06	9.75
13	Vazhakulam	9.24	16.09
14	Vengola	6.13	14.59
15	Vengoor	21.77	53.69

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aikaranad	2.72	11.22
2	Asamannoor	5.01	13.92
3	Kizhakkambalam	8.38	10.49
4	Koovappady	22.22	27.29
5	Kunnathunad	4.48	9.79
6	Mazhuvannoor	5.95	10.74
7	Mudakuzha	9.56	16.2
8	Okkal	11.04	16.39
9	Perumbavoor Municipality	6.60	17.07
10	Poothrikka	5.72	13.57
11	Rayamangalam	3.58	10.88
12	Thiruvaniyoor	2.30	4.96
13	Vadavucode Puthencruz	3.27	9.8
14	Vazhakulam	9.69	16.66
15	Vengola	7.10	15.4
16	Vengoor	27.62	54.71

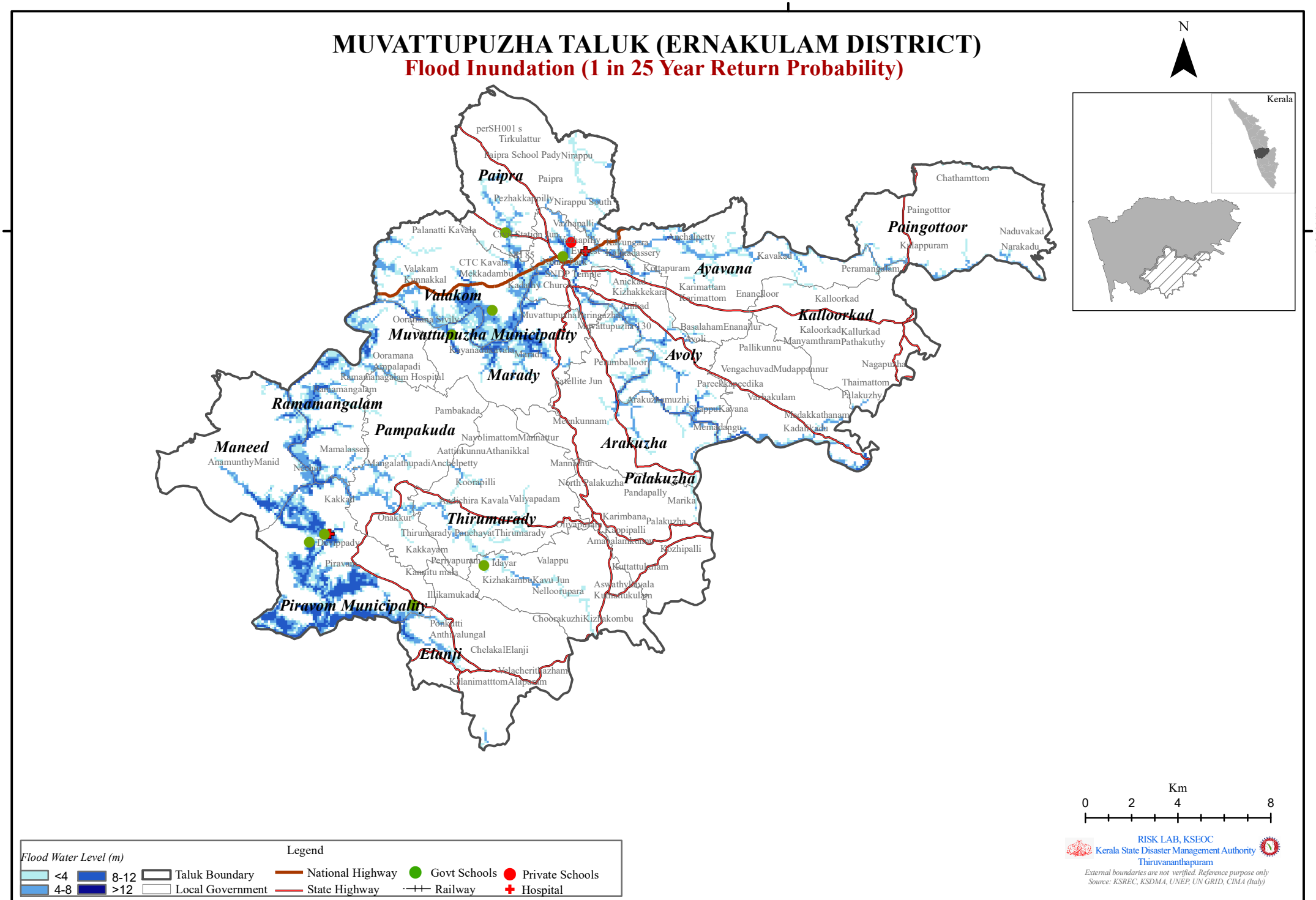
MUVATTUPUZHA TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)



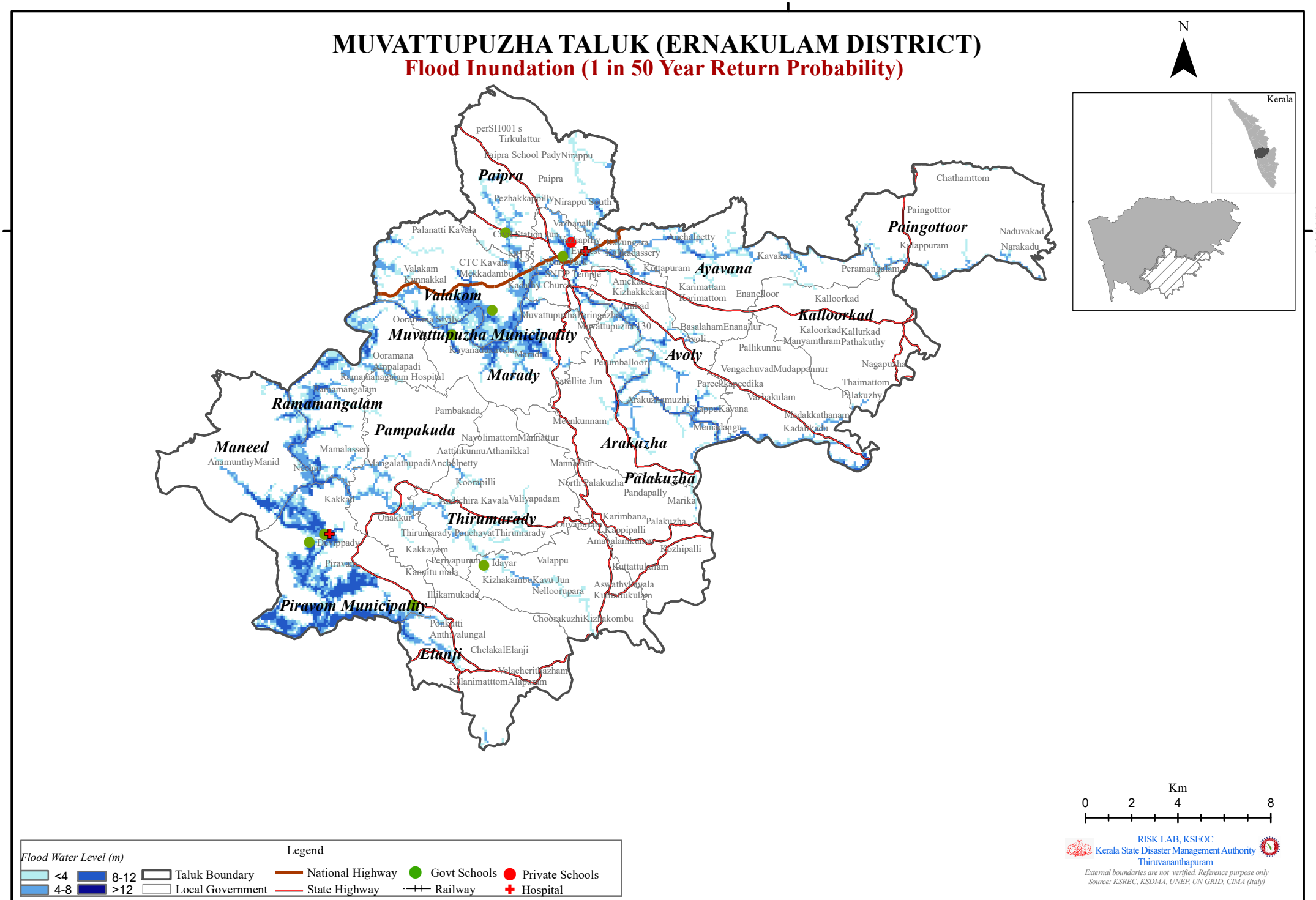
MUVATTUPUZHA TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)



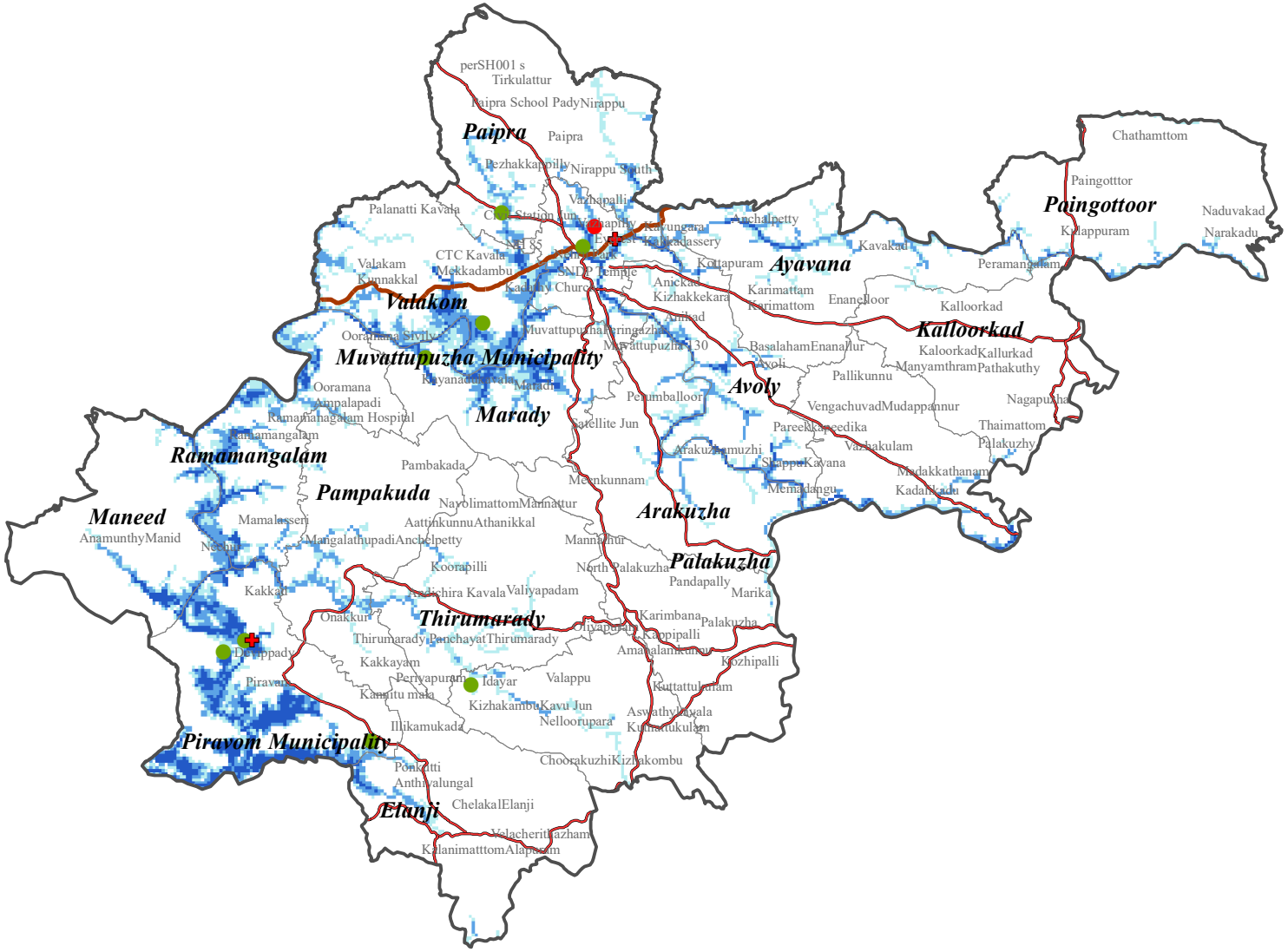
MUVATTUPUZHA TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)



MUVATTUPUZHA TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)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10°0'0"N
Paipra
Valakom
Muvattupuzha Municipality
Ayavana
Kalloorkad
Paingottoor
Avoly
Marady
Ramamangalam
Pampakuda
Maneed
Arakuzha
Palakuzha
Thirumarady
Piravom Municipality
Etanji
Chathamttom
Paingotttor
Naduvakad
Narakadu
Kalappuram
Peramangalam
Kavakad
Kottapuram
Anchalpetty
Palanatti Kavala
Valakam
Kunnakkal
Mekkadambu
Kadathy Church
Anickad
Kizhakkekara
Karimattam
Karimattom
Enanellor
Kalloorkad
Kaloorkad
Kallurkad
Pathakuthy
Manyamthram
Pallikunnu
Basalaham
Enanallur
Ooramana
Ampalapadi
Ramamangalam Hospital
Pambakada
Nayolimattom
Mannattur
Aattinkunnu
Athanikkal
Mamalasseri
Mangalathupadi
Anchelpetty
Koorapilli
Kakkad
Onakkur
Thirumarady Panchayat
Thirumarady
Kakkayam
Periyapuram
Idayar
Valappu
Kizhakambu
Kavu Jun
Nelloorupara
Ilikamukada
Choorakuzhi
Kizhakombu
Pookattu
Anthiyalungal
Chelakal
Elanji
Velacherithazham
Kolanimatttom
Alapuram
Mannathur
North Palakuzha
Pandapally
Marika
Karimbana
Palakuzha
Kappipalli
Kozhipalli
Kuttattukulam
Aswathy Kavala
Kuttattukulam
Vadakkathanam
Kadathadu
Vadakkulam
Mudappannur
Vengachuvad
Nagapuzha
Thaimattom
Palakuzhy
Pareekkaccedika
Memadangu
Kavana
Mekkunnam
Pezhakkappilly
Nirappu South
Vazhapally
Nirappu
Tirkulattur
Paipra School Pady
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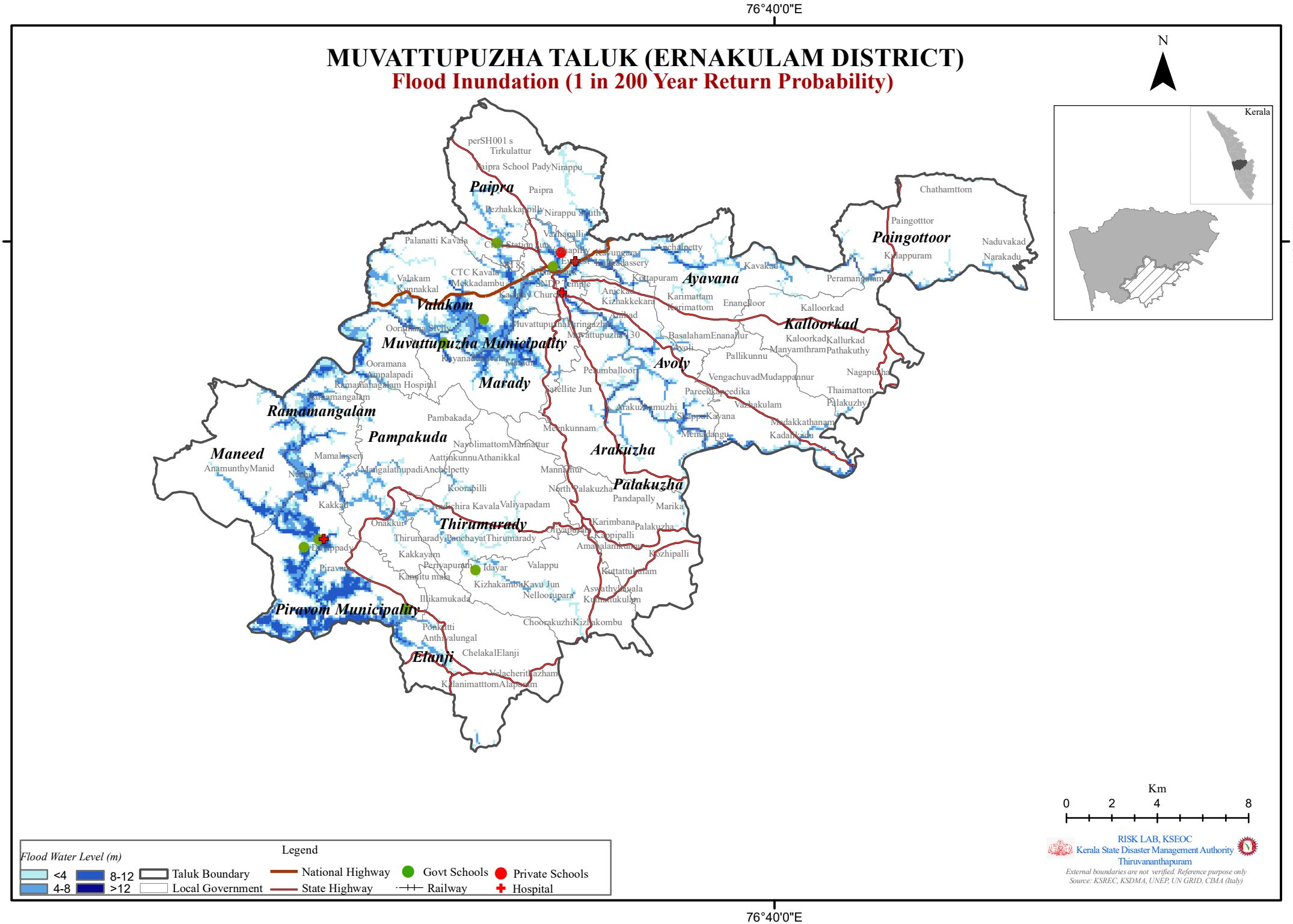
Kuzhungara
Muvattupuzha 130
Muvattupuzha
Ooramana Sivilla
Kuyanadam Kala
Marady
Perumballoor
Ariellite Jun
Arakuzhamuzhi
Skappa
Kavana
Kaliyapuram
Kappipalli
Amanalamkunnu
Kozhipalli
Kuttattukulam
Aswathy Kavala
Kuttattukulam
Karimbana
Palakuzha
Pandapally
Marika
Valiyapadam
Kadichira Kavala
Thirumarady
Idayar
Kizhakambu
Kavu Jun
Nelloorupara
Choorakuzhi
Kizhakombu
Pookattu
Anthiyalungal
Chelakal
Elanji
Velacherithazham
Kolanimatttom
Alapuram
Piravom
Kanuttu mala
Kakkayam
Onakkur
Thirumarady Panchayat
Thirumarady
Mamalasseri
Mangalathupadi
Anchelpetty
Koorapilli
Kakkad
Nechur
Anamunthy
Manid
Pambakada
Nayolimattom
Mannattur
Aattinkunnu
Athanikkal
Mannathur
North Palakuzha
Pandapally
Marika
Karimbana
Palakuzha
Kappipalli
Kozhipalli
Kuttattukulam
Aswathy Kavala
Kuttattukulam
Vadakkathanam
Kadathadu
Vadakkulam
Mudappannur
Vengachuvad
Nagapuzha
Thaimattom
Palakuzhy
Pareekkaccedika
Memadangu
Kavana
Mekkunnam
Pezhakkappilly
Nirappu South
Vazhapally
Nirappu
Tirkulattur
perSH001 s
Paipra School Pady
Paipra

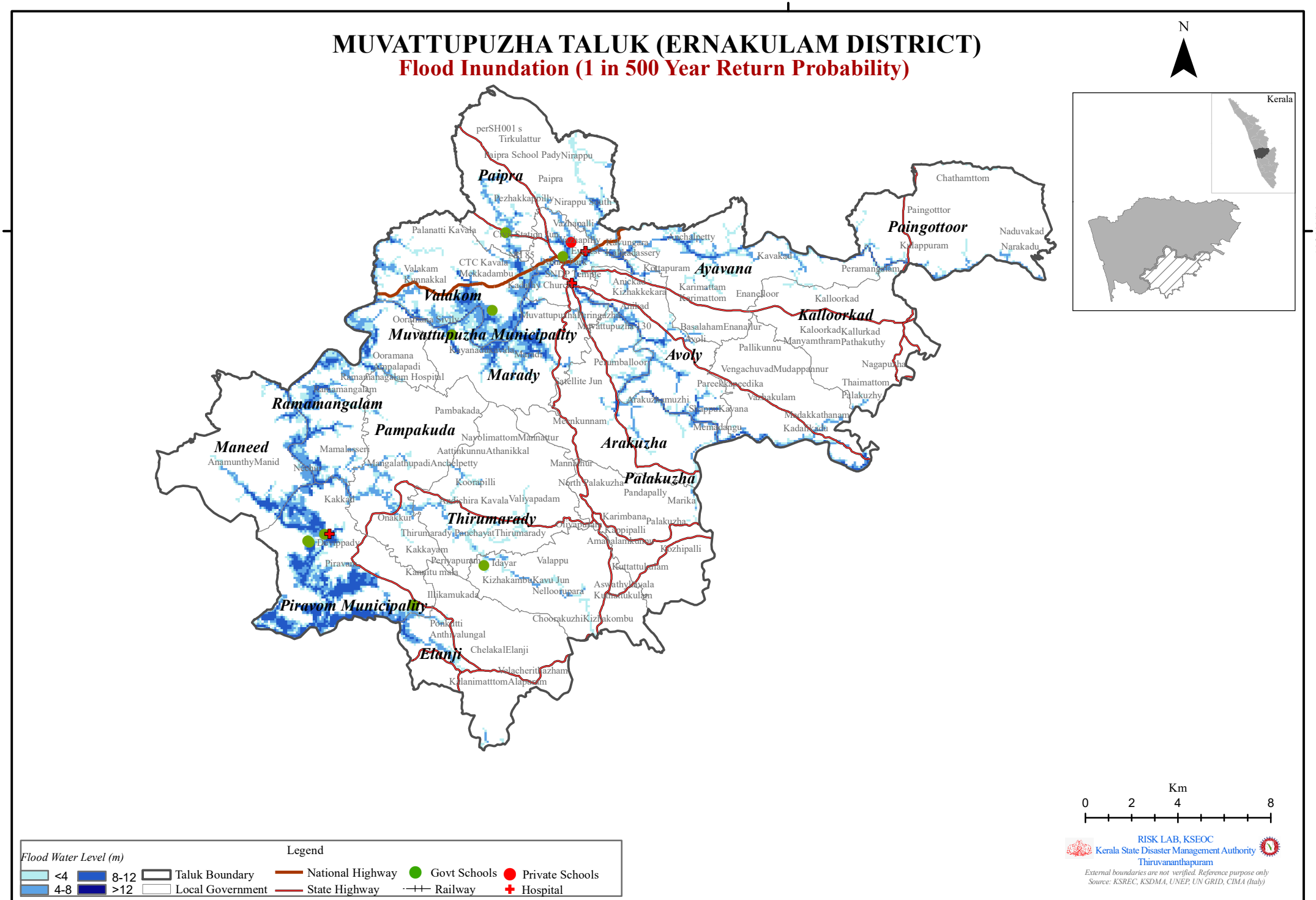
MUVATTUPUZHA TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)



MUVATTUPUZHA TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)



76°40'0"E

ERNAKULAM DISTRICT						
MUVATTUPUZHA TALUK						
Name of exposed Hospital/School (LSGI)	Return Probability (Historic)					
	1 In 10 Year	1 in 25 Year	1 in 50 Year	1 in 100 Year	1 in 200 Year	1 in 500 Year
Koothattukulam Municipality						
School						
Jawahar U P S Edayar	✓	✓	✓	✓	✓	✓
Marady						
School						
Govt. L P S. Kayanad	✓	✓	✓	✓	✓	✓
Muvattupuzha Municipality						
Hospital						
MCS Hospital Mvzpa		✓	✓	✓	✓	✓
Moovatupuzha Co Operative Super Spclty Hospital		✓	✓	✓	✓	✓
RK Hospital Muvattupuzha					✓	✓
School						
G.J.B.S Vazhappilly	✓	✓	✓	✓	✓	✓
Govt. Town U Ps Muvattupuzha	✓	✓	✓	✓	✓	✓
Muvattupuzha(M)						
Hospital						
MCS Hospital Mvzpa	✓	✓	✓	✓	✓	✓
Moovatupuzha Co Operative Super Spclty Hospital	✓	✓	✓	✓	✓	✓
Paipra						
School						
Milady SHerif Memorial LPS Mulavoor	✓	✓	✓	✓	✓	✓
Piravom Municipality						
Hospital						
JMP Piravam Hospital		✓	✓	✓	✓	✓
School						
Govt. H S S Namakuzhi	✓	✓	✓	✓	✓	✓
Govt. L P S Pazhoor	✓	✓	✓	✓	✓	✓
Govt. U P S Kakkad	✓	✓	✓	✓	✓	✓
Govt. U P S Kalampoor						✓
Govt.Technical Hs Elanji						✓
Piravom(M)						
Hospital						
JMP Piravam Hospital	✓	✓	✓	✓	✓	✓
Valakom						
School						
Govt. U P S Rackad	✓	✓	✓	✓	✓	✓

ERNAKULAM DISTRICT

MUVATTUPUZHA TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Arakuzha	3.53	10.65
2	Avoly	4.30	11.04
3	Ayavana	4.89	9.99
4	Elanji	1.50	10
5	Kalloorkad	0.60	8.73
6	Koothattukulam Municipality	1.02	3.67
7	Maneed	3.48	12.09
8	Manjalloor	2.07	11.04
9	Marady	5.56	10.14
10	Muvattupuzha Municipality	4.25	10
11	Paingottoor	2.22	9.99
12	Paipra	3.46	8.08
13	Palakuzha	0.12	2.72
14	Pampakuda	2.33	8.08
15	Piravom Municipality	13.78	12.39
16	Ramamangalam	7.90	10.86
17	Thirumarady	2.28	5.3
18	Valakom	8.97	10.14

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Arakuzha	3.93	11.28
2	Avoly	4.87	11.65
3	Ayavana	5.49	10.46
4	Elanji	1.59	10.4
5	Kalloorkad	0.69	9.21
6	Koothattukulam Municipality	1.02	3.74
7	Maneed	3.69	12.59
8	Manjalloor	2.36	11.65
9	Marady	6.09	10.74
10	Muvattupuzha Municipality	4.57	10.7
11	Paingottoor	2.88	10.1
12	Paipra	3.68	8.38
13	Palakuzha	0.14	2.83
14	Pampakuda	2.49	8.97
15	Piravom Municipality	14.19	12.89
16	Ramamangalam	8.57	11.76
17	Thirumarady	2.42	5.59
18	Valakom	9.91	10.74

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Arakuzha	4.44	12.04
2	Avoly	5.17	12.44
3	Ayavana	5.89	10.66
4	Elanji	1.70	10.9
5	Kalloorkad	0.87	9.67
6	Koothattukulam Municipality	1.11	3.82
7	Maneed	3.89	13.29
8	Manjalloor	2.54	12.44
9	Marady	6.26	10.97
10	Muvattupuzha Municipality	5.06	11.3
11	Paingottoor	3.20	10.7
12	Paipra	4.57	9.93
13	Palakuzha	0.14	2.84
14	Pampakuda	2.80	9.28
15	Piravom Municipality	14.68	13.59
16	Ramamangalam	9.15	12.06
17	Thirumarady	2.58	6.07
18	Valakom	10.70	11.19

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Arakuzha	4.74	12.36
2	Avoly	5.62	12.75
3	Ayavana	6.85	13.91
4	Elanji	1.75	11.3
5	Kalloorkad	0.97	10.07
6	Koothattukulam Municipality	1.12	3.89
7	Maneed	4.14	13.99
8	Manjalloor	2.73	12.75
9	Marady	6.35	11.07
10	Muvattupuzha Municipality	5.48	12
11	Paingottoor	3.58	11.48
12	Paipra	4.89	12.02
13	Palakuzha	0.14	2.85
14	Pampakuda	3.00	9.78
15	Piravom Municipality	15.13	14.29
16	Ramamangalam	9.72	12.56
17	Thirumarady	2.63	6.44
18	Valakom	11.20	11.88

1 in 200 YEAR (Historic)

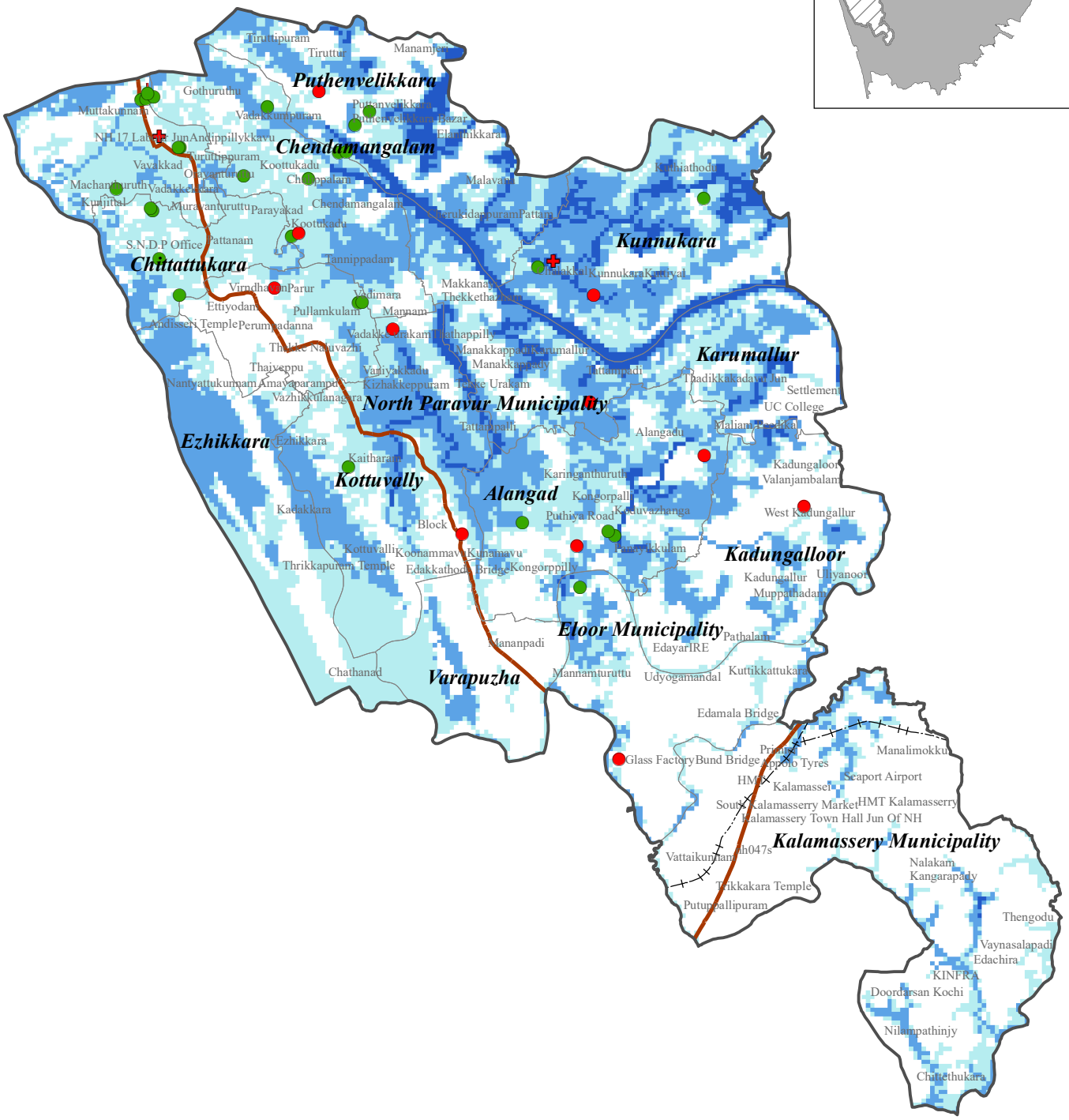
Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Arakuzha	4.97	12.94
2	Avoly	5.92	13.35
3	Ayavana	8.27	23.68
4	Elanji	1.88	11.7
5	Kalloorkad	1.08	10.56
6	Koothattukulam Municipality	1.15	3.99
7	Maneed	4.40	14.59
8	Manjalloor	2.94	13.35
9	Marady	6.37	11.51
10	Muvattupuzha Municipality	5.80	12.6
11	Paingottoor	3.90	12.44
12	Paipra	5.05	14.06
13	Palakuzha	0.14	2.94
14	Pampakuda	3.36	10.34
15	Piravom Municipality	15.49	14.89
16	Ramamangalam	10.13	13.15
17	Thirumarady	2.74	7
18	Valakom	11.72	12.48

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Arakuzha	5.27	13.51
2	Avoly	6.28	13.95
3	Ayavana	10.23	25.58
4	Elanji	2.10	12.2
5	Kalloorkad	1.18	11.42
6	Koothattukulam Municipality	1.16	4.06
7	Maneed	4.61	15.38
8	Manjalloor	3.19	13.95
9	Marady	6.52	12.19
10	Muvattupuzha Municipality	6.17	13.4
11	Paingottoor	4.77	13.33
12	Paipra	5.38	15.95
13	Palakuzha	0.15	2.95
14	Pampakuda	3.66	10.81
15	Piravom Municipality	16.03	15.69
16	Ramamangalam	10.47	13.64
17	Thirumarady	2.85	7.56
18	Valakom	11.98	13.28

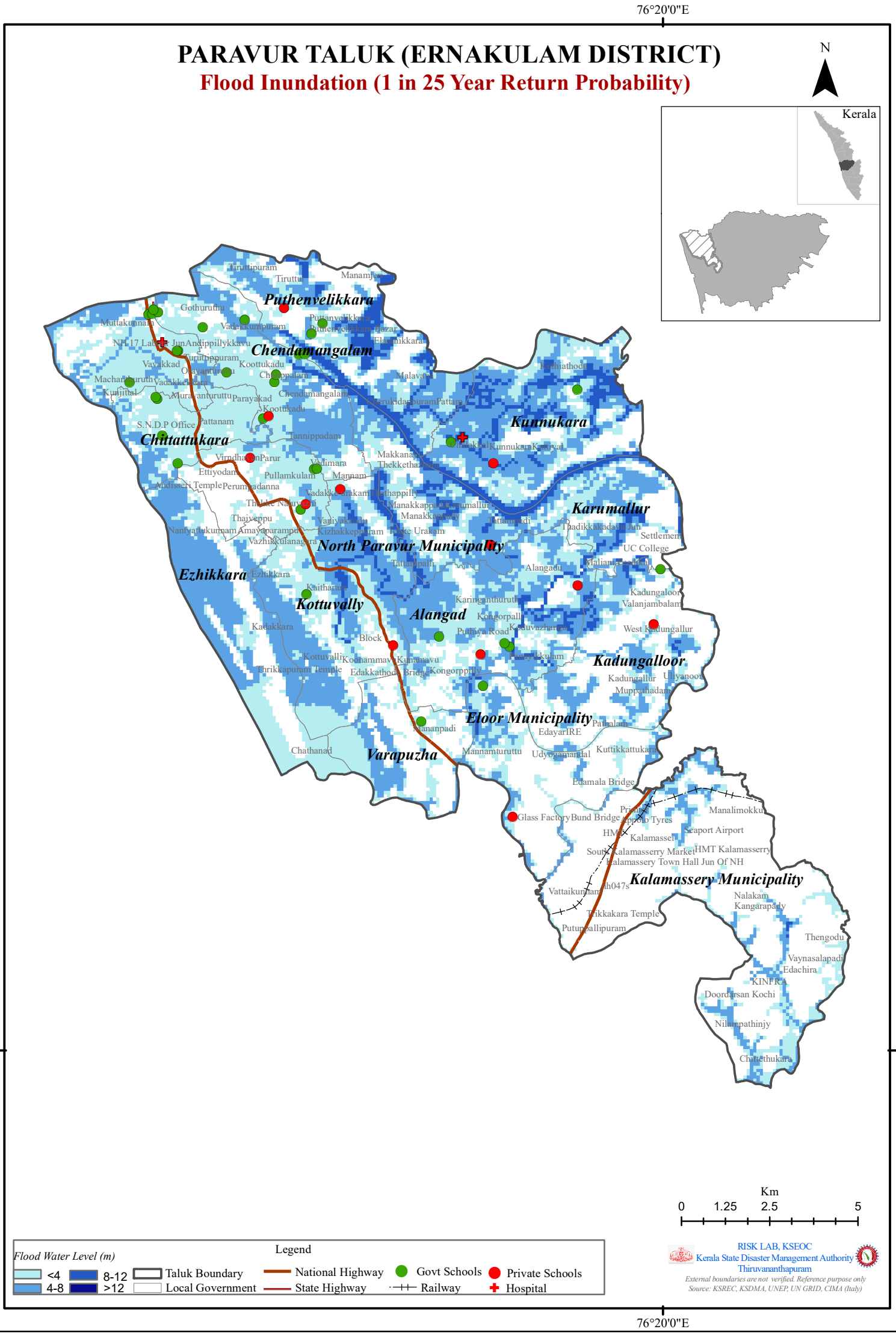
PARAVUR TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)



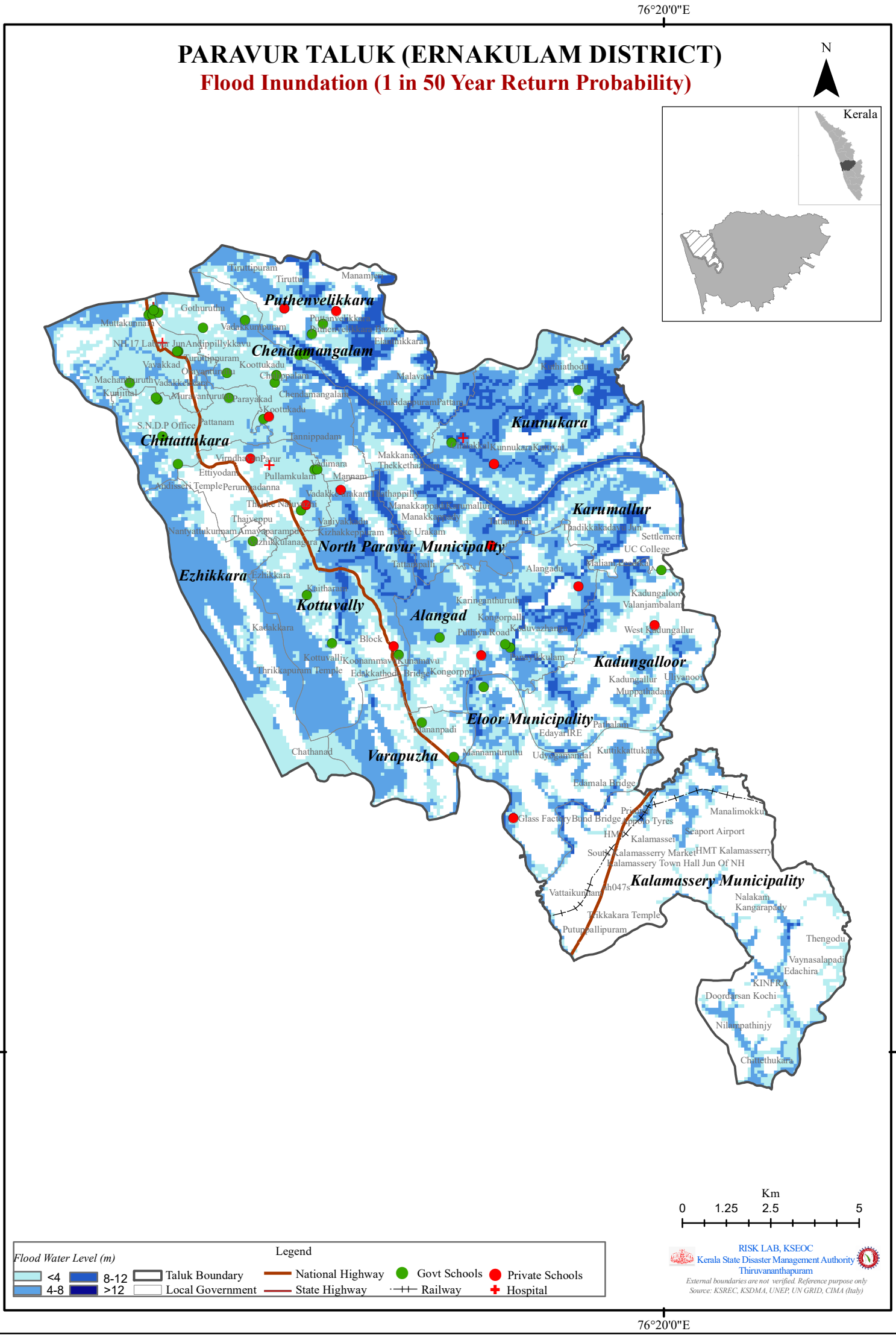
PARAVUR TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)



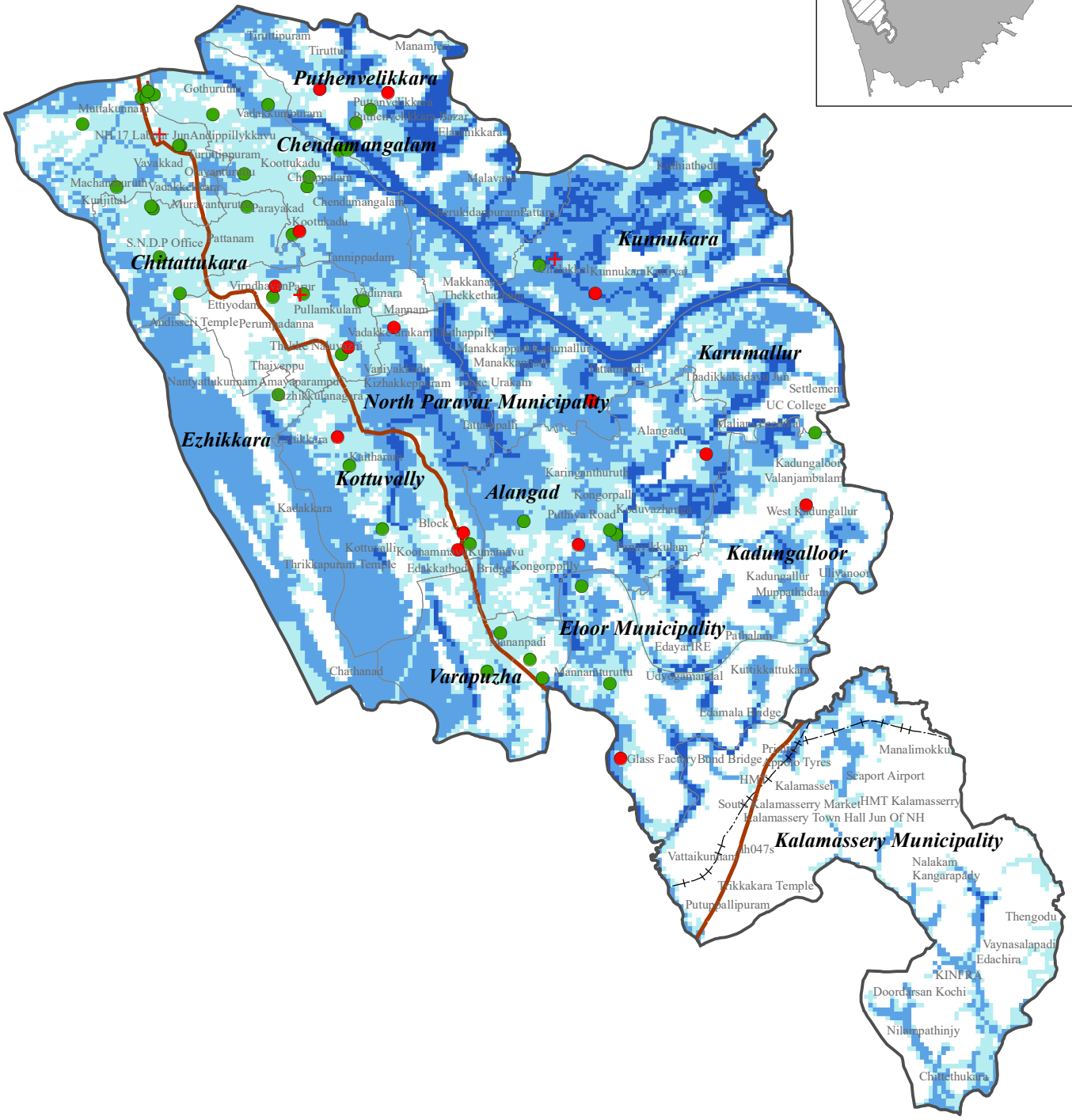
PARAVUR TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)



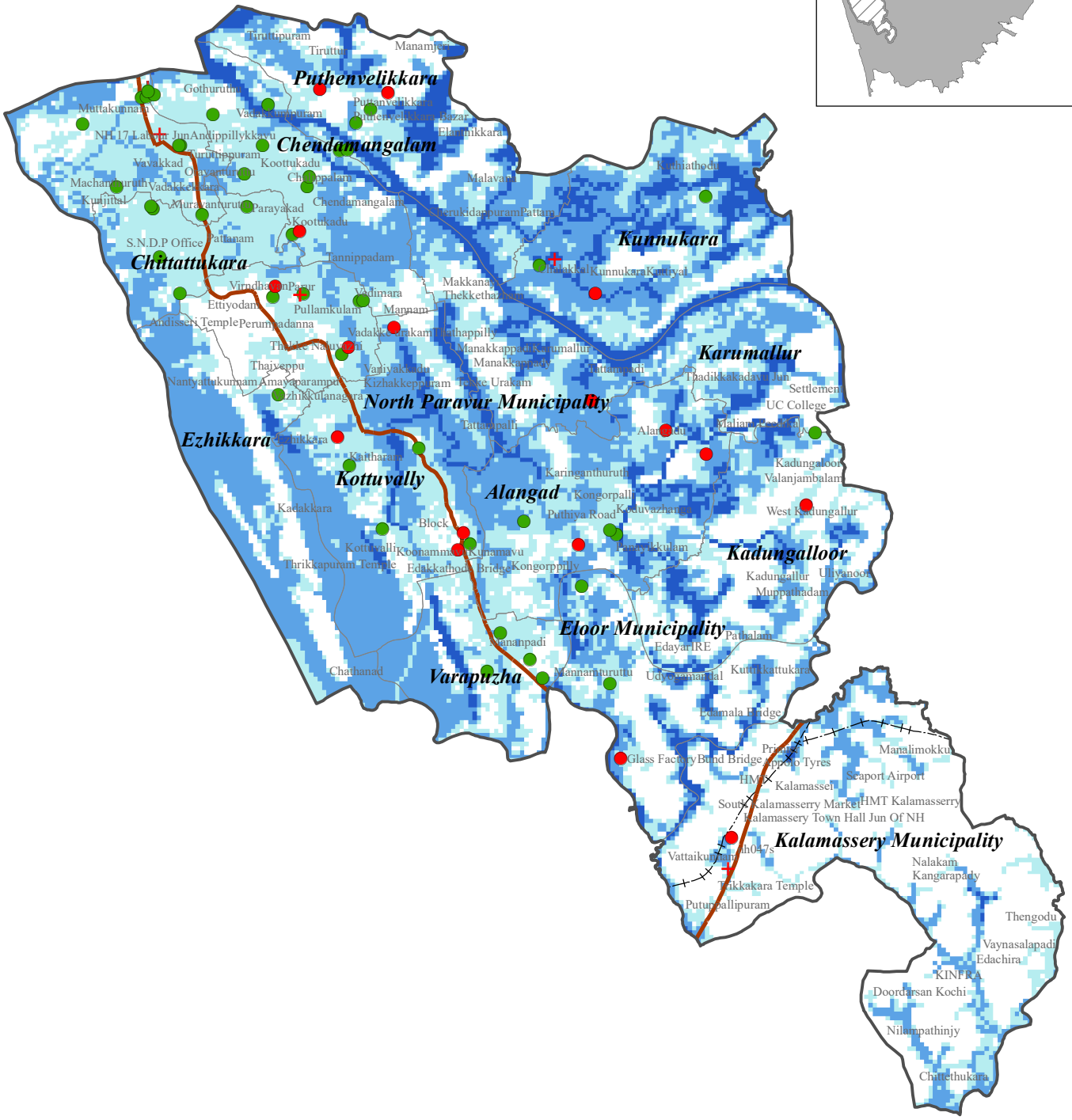
PARAVUR TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)



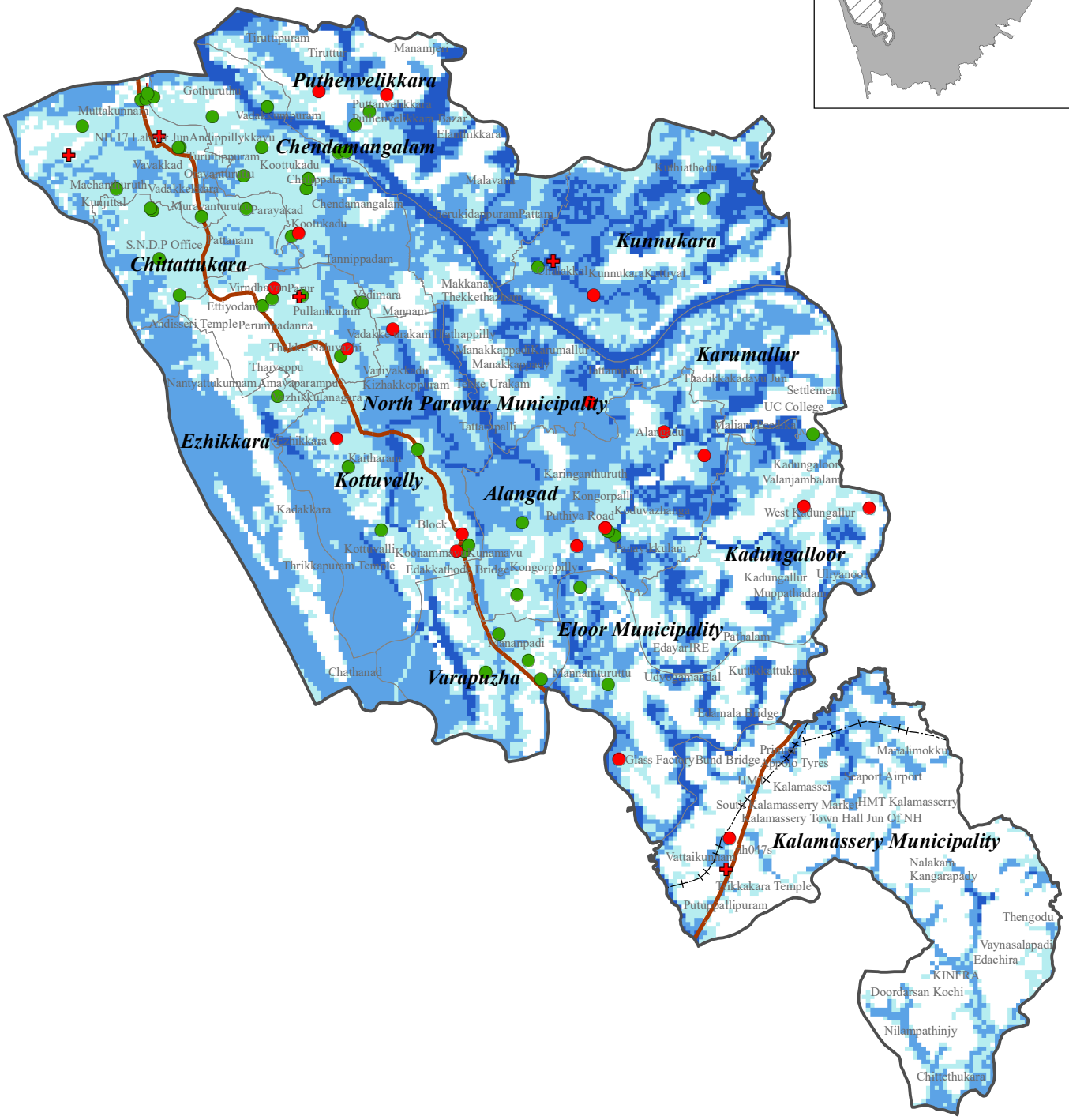
PARAVUR TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)



PARAVUR TALUK (ERNAKULAM DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)



ERNAKULAM DISTRICT						
PARAVUR TALUK						
Name of exposed Hospital/School (LSGI)	Return Probability (Historic)					
	1 In 10 Year	1 in 25 Year	1 in 50 Year	1 in 100 Year	1 in 200 Year	1 in 500 Year
Alangad						
School						
G.L.P.S Panaikulam	✓	✓	✓	✓	✓	✓
Govt. H. S. S. Kongorpilly	✓	✓	✓	✓	✓	✓
Govt. L. P. S. Panaikulam	✓	✓	✓	✓	✓	✓
Little Flower H. S. Panaikulam	✓	✓	✓	✓	✓	✓
Little Flower L. P. S. Olanad						✓
Chendamangalam						
School						
D. D. Sabha H. S. Karimpadam	✓	✓	✓	✓	✓	✓
D. P. S. L. P. S. Pazhampillythuruth	✓	✓	✓	✓	✓	✓
G. L. P. S. Chendamangalam		✓	✓	✓	✓	✓
G.L.P.S Chendamangalam	✓	✓	✓	✓	✓	✓
Govt. U. P. S. Chendamangalam					✓	✓
Holy Cross L. P. S. Katalvathuruth	✓	✓	✓	✓	✓	✓
Little Flower L. P. S. Thekkethuruth		✓	✓	✓	✓	✓
Our Lady Of Mercy School. Kurumbathuruth	✓	✓	✓	✓	✓	✓
Paliyam Govt. H. S. S. Chendamangalam	✓	✓	✓	✓	✓	✓
Santacruz L. P. S. Koottukad	✓	✓	✓	✓	✓	✓
Chittattukara						
School						
G. L. P. S. Chittattukara	✓	✓	✓	✓	✓	✓
Govt. H. S.S . Puthiyakavu	✓	✓	✓	✓	✓	✓
Govt. L. P. S. Parayakad			✓	✓	✓	✓
Govt. L. P. S. Pattanam	✓	✓	✓	✓	✓	✓
Govt. L. P. S. Puthiyakavu	✓	✓	✓	✓	✓	✓
Eloor Municipality						
School						
G.U.P.S Kuttikkattukara	✓	✓	✓	✓	✓	✓
Govt. L. P. S. Eloor				✓	✓	✓
Sacred Heart Of Jesus U. P. S. Eloor	✓	✓	✓	✓	✓	✓
Ezhikkara						
School						
Govt. L. P. S. Nanthiattukunnam			✓	✓	✓	✓
Kadungalloor						
School						
G.L.P.S East Kadungalloor	✓	✓	✓	✓	✓	✓
Govt. L. P. S. North Kadungalloor		✓	✓	✓	✓	✓
Kalamassery Municipality						
Hospital						
Kinder Hospital					✓	✓
School						
G.L.P.S Thrikkakkara					✓	✓
Karumallur						
School						
G.L.P.S North Kadungalloor	✓	✓	✓	✓	✓	✓
Kottuvally						
School						
G.T.Ml.P.S N.Parur	✓	✓	✓	✓	✓	✓
G.U.P.S Kottuvally	✓	✓	✓	✓	✓	✓
Govt. U. P. S. Valluvally					✓	✓
Govt. V. H. S. S. Kaitharam	✓	✓	✓	✓	✓	✓
St. Louis L. P. S. Kottuvally			✓	✓	✓	✓
St. Philomina`S H. S. S. Koonammavu						✓
St. Philomina`S L. P. S. Koonammavu			✓	✓	✓	✓
Kunnukara						
Hospital						
SNIMS Chalakka		✓	✓	✓	✓	✓
School						
G. L. P. S. Chalaka	✓	✓	✓	✓	✓	✓
G.J.B.S Kunnukara	✓	✓	✓	✓	✓	✓
St. Joseph`S Govt. L. P. S. Ayroor	✓	✓	✓	✓	✓	✓
North Paravur Municipality						

List of affected Schools/ Hospitals (LSG Wise)

Hospital						
Thaqdees Hospital			✓	✓	✓	✓
THQH North paravoor			✓	✓	✓	✓
School						
G. M. L. P. S. Kaithakkara	✓	✓	✓	✓	✓	✓
G.T.Ml.P.S N.Parur	✓	✓	✓	✓	✓	✓
G.U.P.S Kizhakkepram		✓	✓	✓	✓	✓
Govt. H. S. S. North Paravoor						✓
Govt. K. V. L. P. S. North Paravoor	✓	✓	✓	✓	✓	✓
Govt. L. P. G. S. North Paravoor				✓	✓	✓
Govt. U. P. S. Kizhakkepram		✓	✓	✓	✓	✓
St. Germain`S Zion L. P. S. North Paravoor				✓	✓	✓
Parakkadavu						
Hospital						
SNIMS Chalakka	✓	✓	✓	✓	✓	✓
Paravoor						
Hospital						
Bharat Rural Hospital , Moothakunnam	✓	✓	✓	✓	✓	✓
Puthenvelikkara						
School						
Infant Jesus L. P. S. Puthenveli	✓	✓	✓	✓	✓	✓
P. S. M. Govt. L. P. S. Puthenvelikkara	✓	✓	✓	✓	✓	✓
P.S.M G.L.P.S Puthenvelikkara	✓	✓	✓	✓	✓	✓
St. Mary`S L. P. S. Chendamangalam	✓	✓	✓	✓	✓	✓
Vadakkekkara						
Hospital						
Bharat Rural Hospital , Moothakunnam		✓	✓	✓	✓	✓
CHC Moothakunnam						✓
School						
Govt. L. P. B. S. Moothakunnam	✓	✓	✓	✓	✓	✓
Govt. L. P. G. S. Moothakunnam	✓	✓	✓	✓	✓	✓
Govt. L. P. S. Vavakkad	✓	✓	✓	✓	✓	✓
Govt. Mohammeden L. P. S. Vadakkekara					✓	✓
Govt. S. N. M. L. P. S. Kottuvallikad				✓	✓	✓
Govt. S. N. V. L. P. S. Thuruthipuram	✓	✓	✓	✓	✓	✓
S. N. M. H. S. S. Moothakunnam	✓	✓	✓	✓	✓	✓
St. Peter`S U. P. S. Vadakkekara	✓	✓	✓	✓	✓	✓
Varapuzha						
School						
Govt. U. P. S. Chirakkakam				✓	✓	✓
St. George H. S. Puthenpally		✓	✓	✓	✓	✓
St. Joseph`S L. P. S. Mannanthuruth			✓	✓	✓	✓
St. Joseph`S L. P. S. Varapuzha				✓	✓	✓

ERNAKULAM DISTRICT

PARAVUR TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Alangad	14.24	7.95
2	Chendamangalam	11.70	8.16
3	Chittattukara	7.50	6.73
4	Eloor Municipality	5.68	7.98
5	Ezhikkara	11.45	6.18
6	Kadungalloor	8.86	8.2
7	Kalamassery Municipality	9.84	8.39
8	Karumallur	14.92	8.47
9	Kottuvally	15.81	7.81
10	Kunnukara	16.67	8.55
11	North Paravur Municipality	4.48	5.46
12	Puthenvelikkara	13.99	8.82
13	Vadakkekkara	8.82	7.44
14	Varapuzha	4.07	6.29

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Alangad	15.02	8.05
2	Chendamangalam	11.83	8.16
3	Chittattukara	7.55	7.12
4	Eloor Municipality	6.48	8.78
5	Ezhikkara	11.94	6.73
6	Kadungalloor	9.87	9.01
7	Kalamassery Municipality	10.69	8.63
8	Karumallur	15.01	9.16
9	Kottuvally	16.66	7.87
10	Kunnukara	16.69	8.56
11	North Paravur Municipality	5.58	5.56
12	Puthenvelikkara	14.22	8.82
13	Vadakkekkara	9.14	7.93
14	Varapuzha	5.17	8.01

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Alangad	15.37	8.24
2	Chendamangalam	11.91	8.32
3	Chittattukara	7.57	7.32
4	Eloor Municipality	7.03	9.14
5	Ezhikkara	12.19	7.09
6	Kadungalloor	10.41	9.38
7	Kalamassery Municipality	11.49	9.1
8	Karumallur	15.06	9.33
9	Kottuvally	17.14	7.89
10	Kunnukara	16.72	8.58
11	North Paravur Municipality	6.39	5.58
12	Puthenvelikkara	14.40	8.86
13	Vadakkekkara	9.22	8.23
14	Varapuzha	6.01	8.11

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Alangad	16.05	8.46
2	Chendamangalam	12.02	8.63
3	Chittattukara	7.58	7.57
4	Eloor Municipality	7.85	10.12
5	Ezhikkara	12.67	7.35
6	Kadungalloor	11.17	9.56
7	Kalamassery Municipality	11.99	10.12
8	Karumallur	15.32	9.61
9	Kottuvally	17.66	7.96
10	Kunnukara	16.99	8.63
11	North Paravur Municipality	7.17	5.69
12	Puthenvelikkara	14.61	9.09
13	Vadakkekkara	9.25	8.52
14	Varapuzha	6.70	8.21

1 in 200 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Alangad	16.51	8.65
2	Chendamangalam	12.07	8.83
3	Chittattukara	7.58	7.69
4	Eloor Municipality	8.77	12.89
5	Ezhikkara	12.87	7.49
6	Kadungalloor	12.04	9.78
7	Kalamassery Municipality	13.62	12.89
8	Karumallur	15.67	9.81
9	Kottuvally	18.02	8.03
10	Kunnukara	17.18	8.74
11	North Paravur Municipality	7.40	5.78
12	Puthenvelikkara	14.74	9.24
13	Vadakkekkara	9.27	8.72
14	Varapuzha	7.35	8.37

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Alangad	17.08	9.03
2	Chendamangalam	12.19	9.13
3	Chittattukara	7.58	7.92
4	Eloor Municipality	9.39	13.15
5	Ezhikkara	13.26	7.76
6	Kadungalloor	12.88	15.71
7	Kalamassery Municipality	15.22	13.15
8	Karumallur	15.99	14.46
9	Kottuvally	18.27	8.08
10	Kunnukara	17.41	9.1
11	North Paravur Municipality	8.00	6.02
12	Puthenvelikkara	14.91	9.47
13	Vadakkekkara	9.28	9.01
14	Varapuzha	7.77	8.83