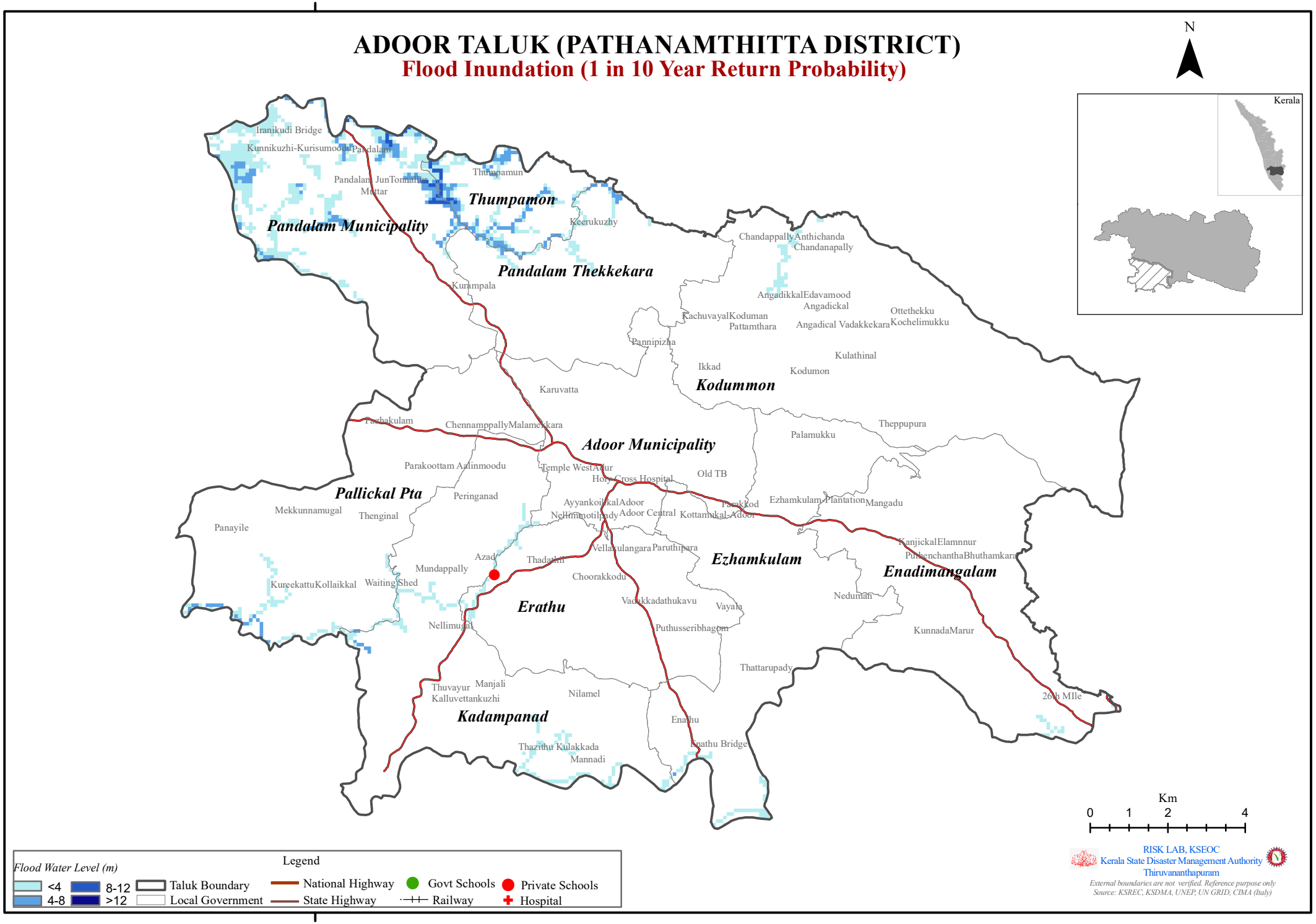
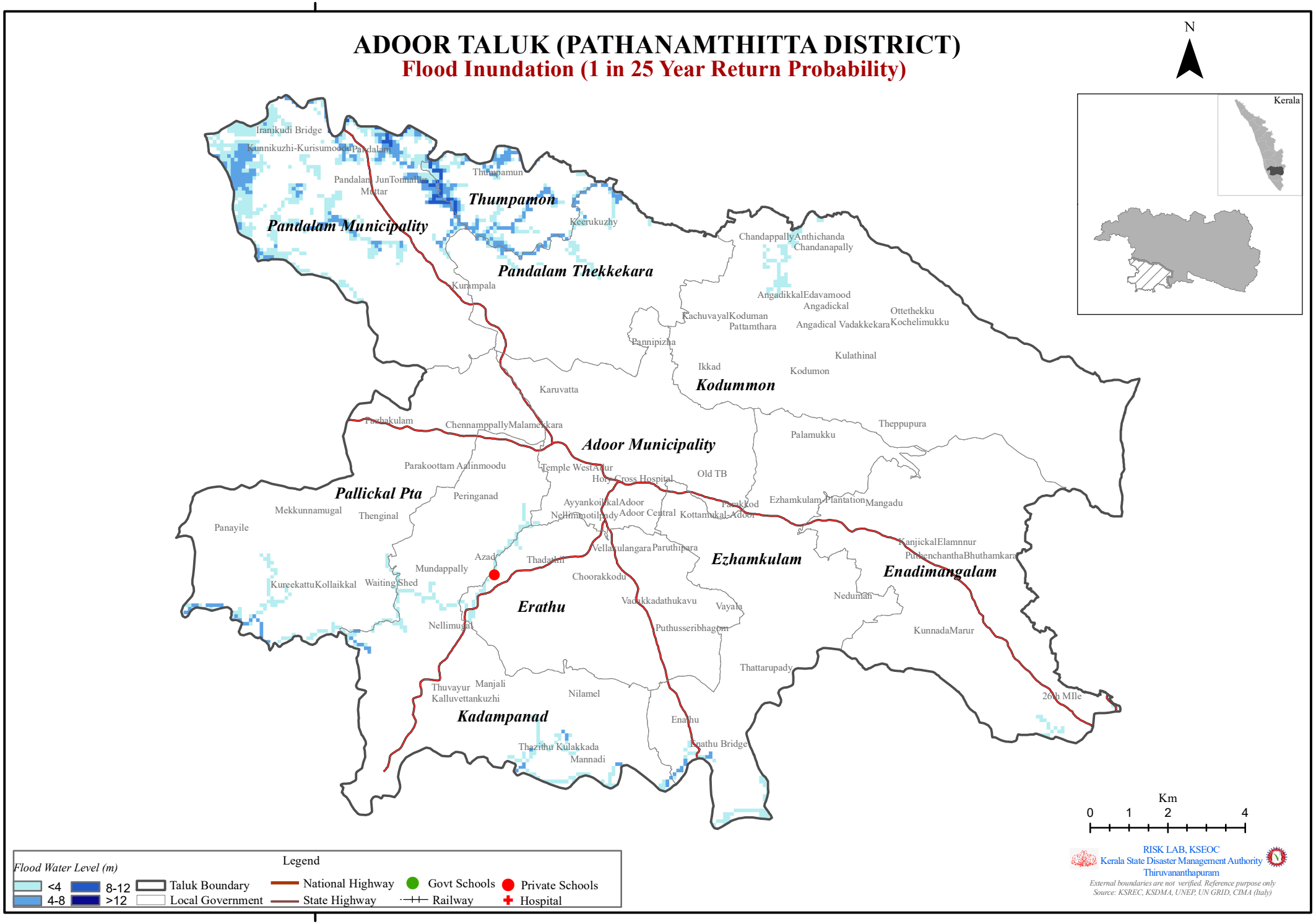
ADOOR TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)



ADOOR TALUK (PATHANAMTHITTA DISTRICT)

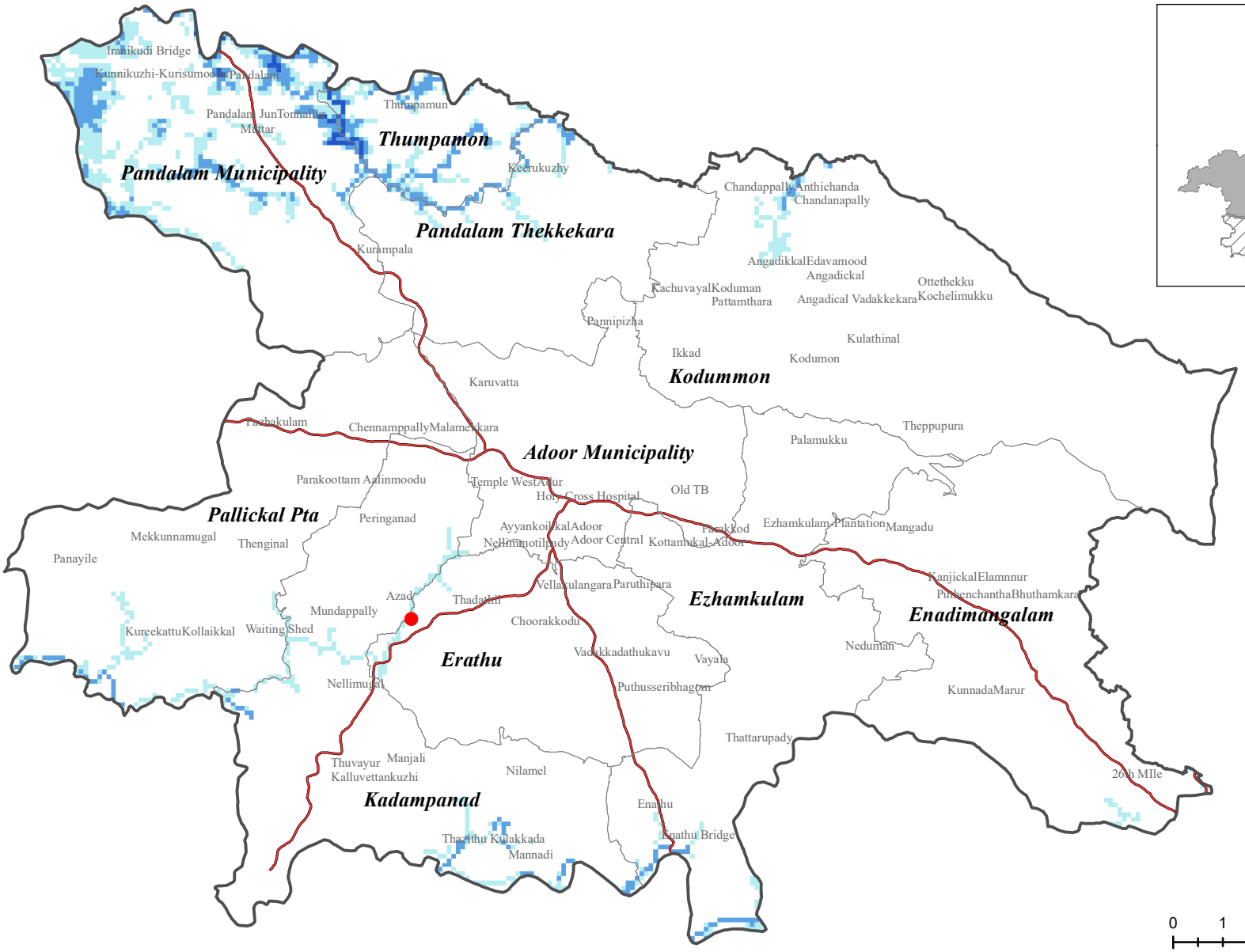
Flood Inundation (1 in 25 Year Return Probability)



76°40'0"E

ADOOR TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)

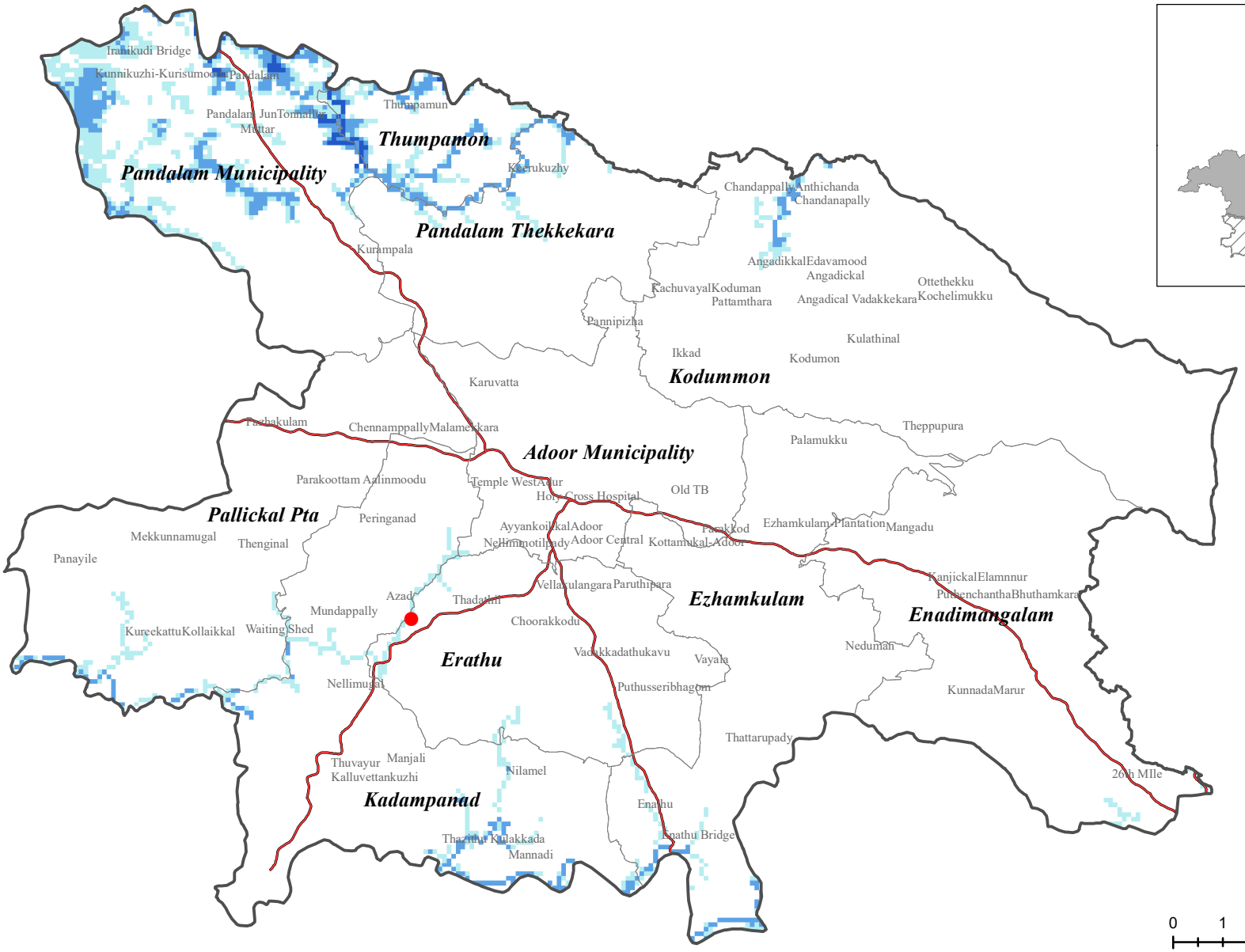


76°40'0"E

76°40'0"E

ADOOR TALUK (PATHANAMTHITTA DISTRICT)

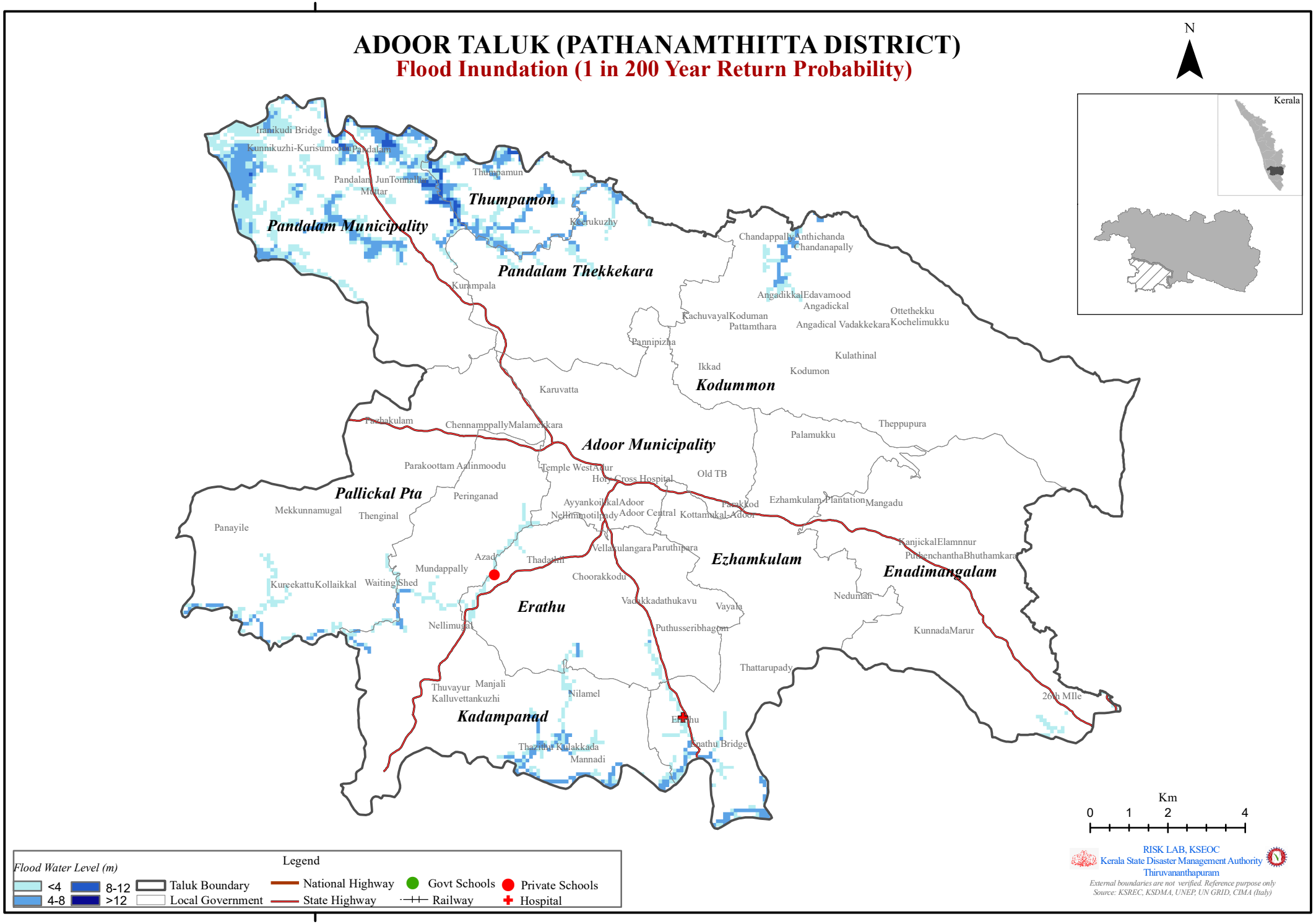
Flood Inundation (1 in 100 Year Return Probability)



76°40'0"E

ADOOR TALUK (PATHANAMTHITTA DISTRICT)

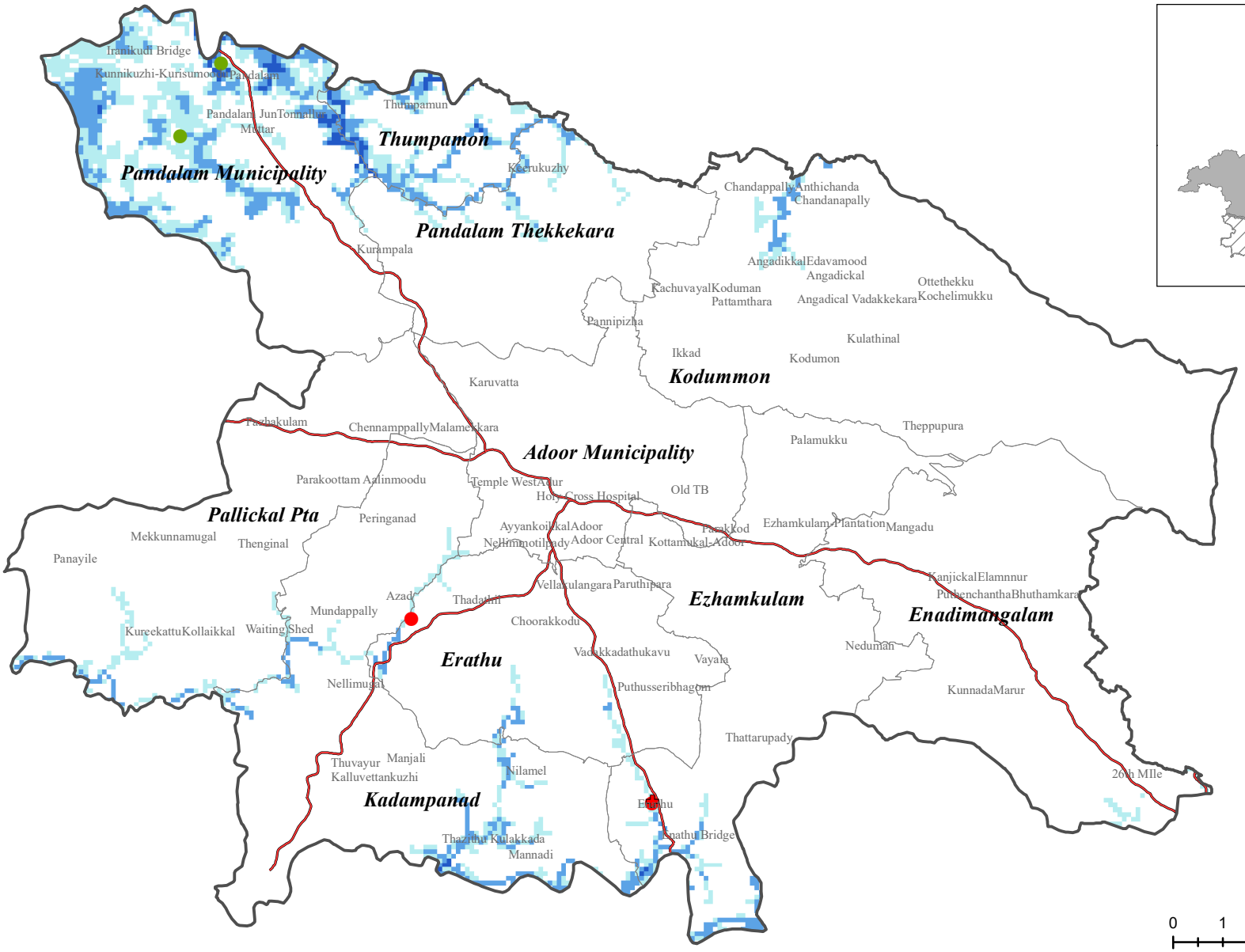
Flood Inundation (1 in 200 Year Return Probability)



76°40'0"E

ADOOR TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)



76°40'0"E

PATHANAMTHITTA DISTRICT						
ADOOR 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
Erathu						
School						
Erathu	✓	✓	✓	✓	✓	✓
Ezhamkulam						
Hospital						
St Thomas Hospital, Malakara					✓	✓
School						
Ezhamkulam						✓
Pandalam Municipality						
School						
Govt. S.V.L.P.S Cherickal						✓
Govt.U.P.S Mangaram						✓

PATHANAMTHITTA DISTRICT

ADOOR TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Adoor Municipality	0.02	1.01
2	Enadimangalam	0.17	2.6
3	Erathu	0.51	2.73
4	Ezhamkulam	1.10	5.95
5	Kadampanad	2.04	12.26
6	Kodumon	2.10	10.05
7	Pallickal Pta	0.94	5.03
8	Pandalam Municipality	16.18	12.04
9	Pandalam Thekkekara	2.95	10.5
10	Thumpamon	5.31	11.61

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Adoor Municipality	0.05	4.91
2	Enadimangalam	0.18	3
3	Erathu	0.64	4.53
4	Ezhamkulam	1.37	7.82
5	Kadampanad	2.51	12.98
6	Kodumon	2.62	11.26
7	Pallickal Pta	1.19	5.3
8	Pandalam Municipality	17.52	12.59
9	Pandalam Thekkekara	4.46	11.62
10	Thumpamon	5.90	12.28

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Adoor Municipality	0.09	5.36
2	Enadimangalam	0.19	3.26
3	Erathu	0.72	5.79
4	Ezhamkulam	1.64	9.18
5	Kadampanad	3.02	14.45
6	Kodumon	2.76	11.62
7	Pallickal Pta	1.25	5.44
8	Pandalam Municipality	18.37	13.1
9	Pandalam Thekkekara	4.69	12.1
10	Thumpamon	5.96	12.36

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Adoor Municipality	0.10	5.98
2	Enadimangalam	0.19	3.4
3	Erathu	0.96	7.29
4	Ezhamkulam	2.02	10.58
5	Kadampanad	3.62	15.45
6	Kodumon	2.95	12.24
7	Pallickal Pta	1.34	6
8	Pandalam Municipality	19.05	13.74
9	Pandalam Thekkekara	4.94	12.8
10	Thumpamon	6.18	13.31

1 in 200 YEAR (Historic)

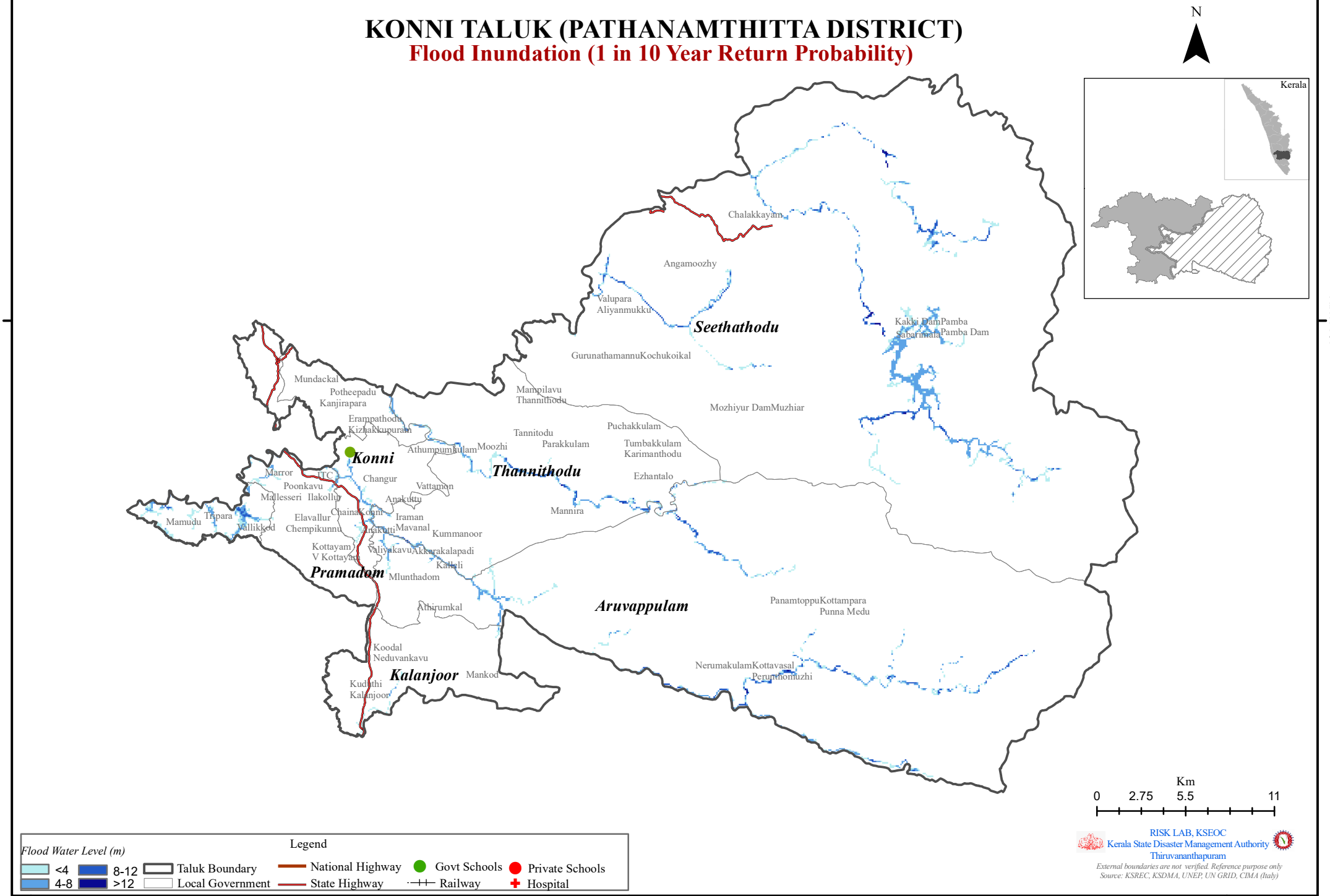
Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Adoor Municipality	0.13	6.41
2	Enadimangalam	0.20	3.61
3	Erathu	1.15	8.07
4	Ezhamkulam	2.27	11.27
5	Kadampanad	4.20	15.84
6	Kodumon	3.17	12.81
7	Pallickal Pta	1.43	6.41
8	Pandalam Municipality	20.00	14.28
9	Pandalam Thekkekara	5.26	13.67
10	Thumpamon	6.41	14.01

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Adoor Municipality	0.15	6.94
2	Enadimangalam	0.26	3.93
3	Erathu	1.80	9.6
4	Ezhamkulam	2.95	13.04
5	Kadampanad	5.15	17.42
6	Kodumon	3.77	13.7
7	Pallickal Pta	1.48	6.94
8	Pandalam Municipality	20.45	15.12
9	Pandalam Thekkekara	5.60	14.27
10	Thumpamon	6.61	14.78

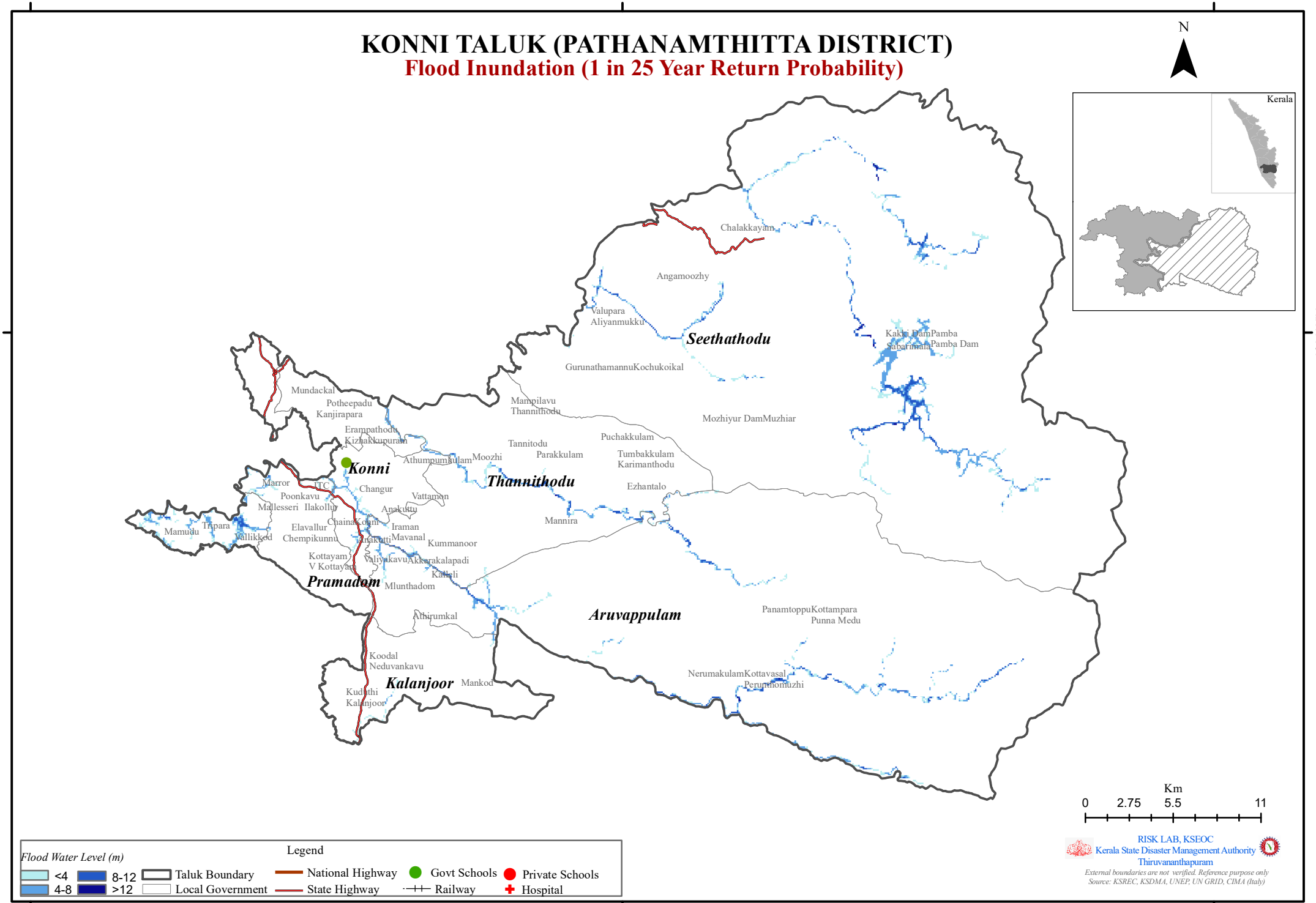
KONNI TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)



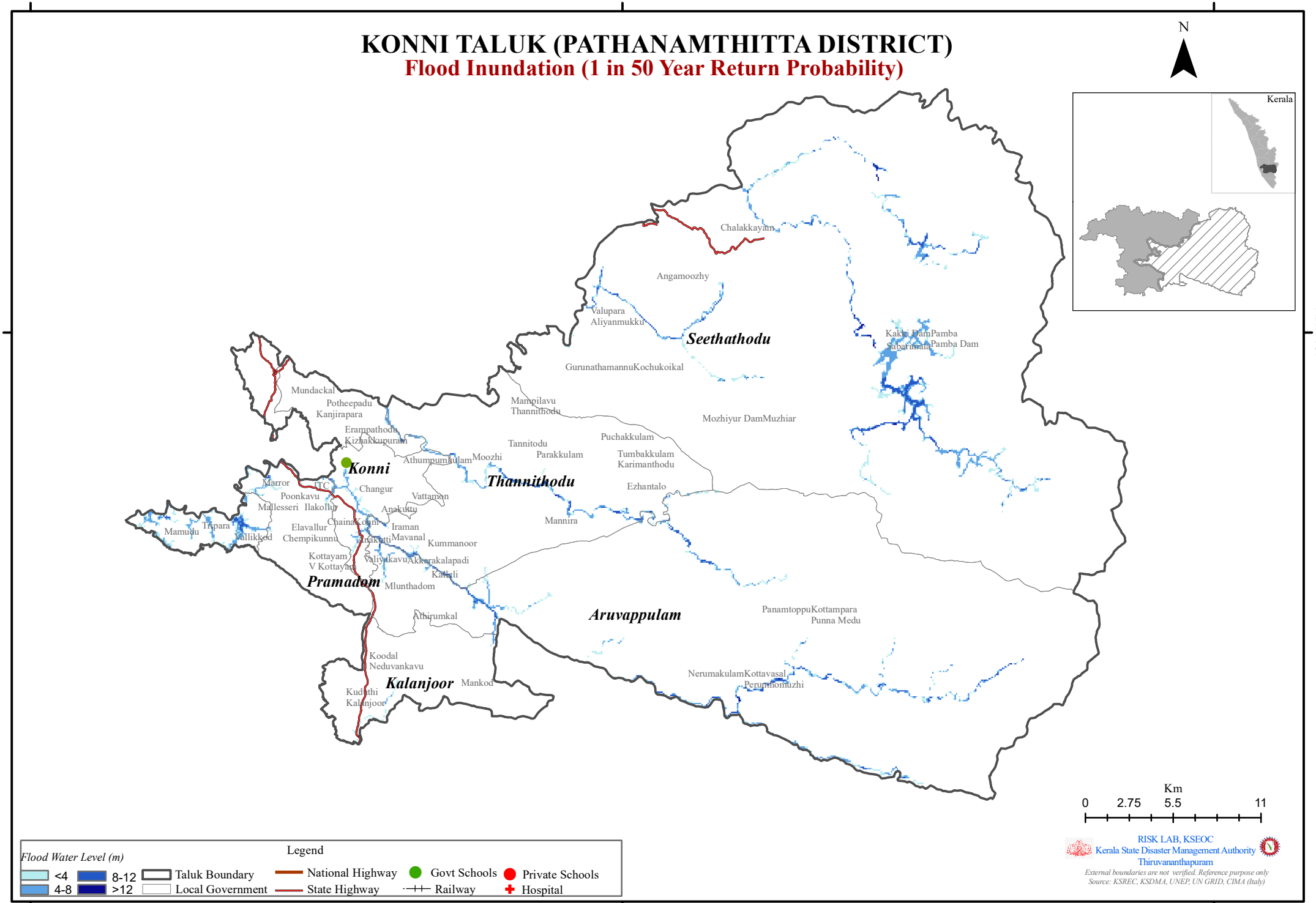
KONNI TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)



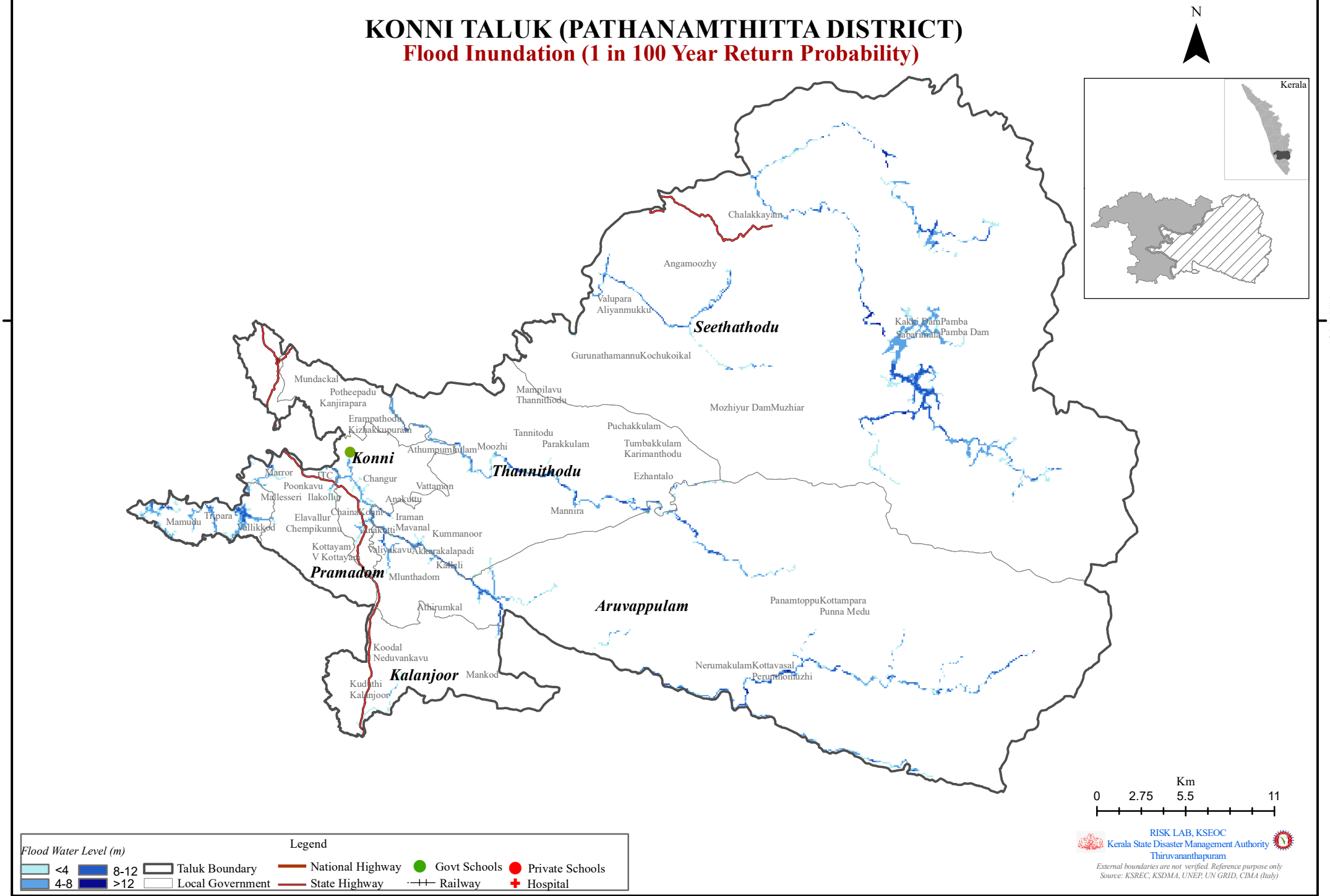
KONNI TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)



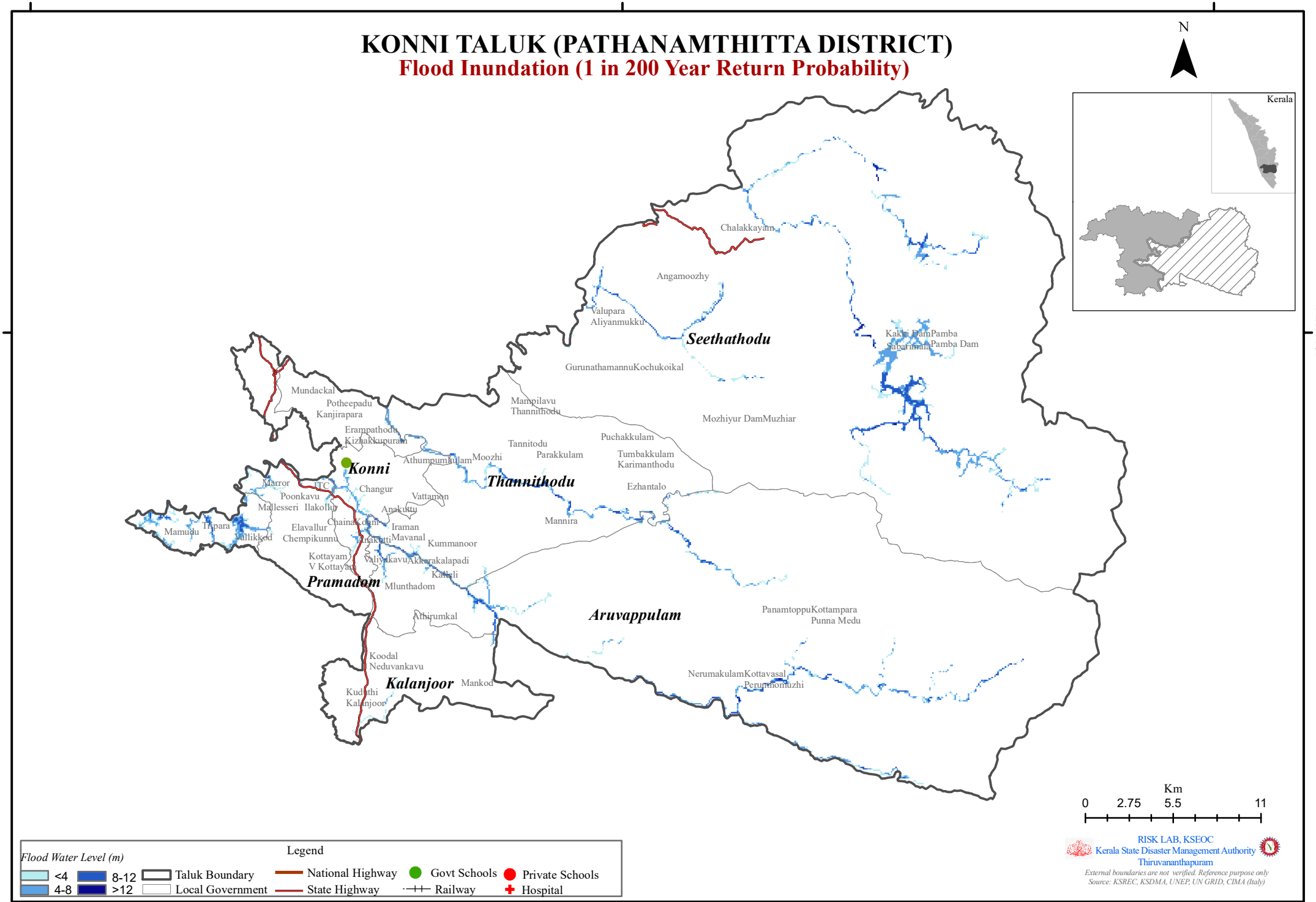
KONNI TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)



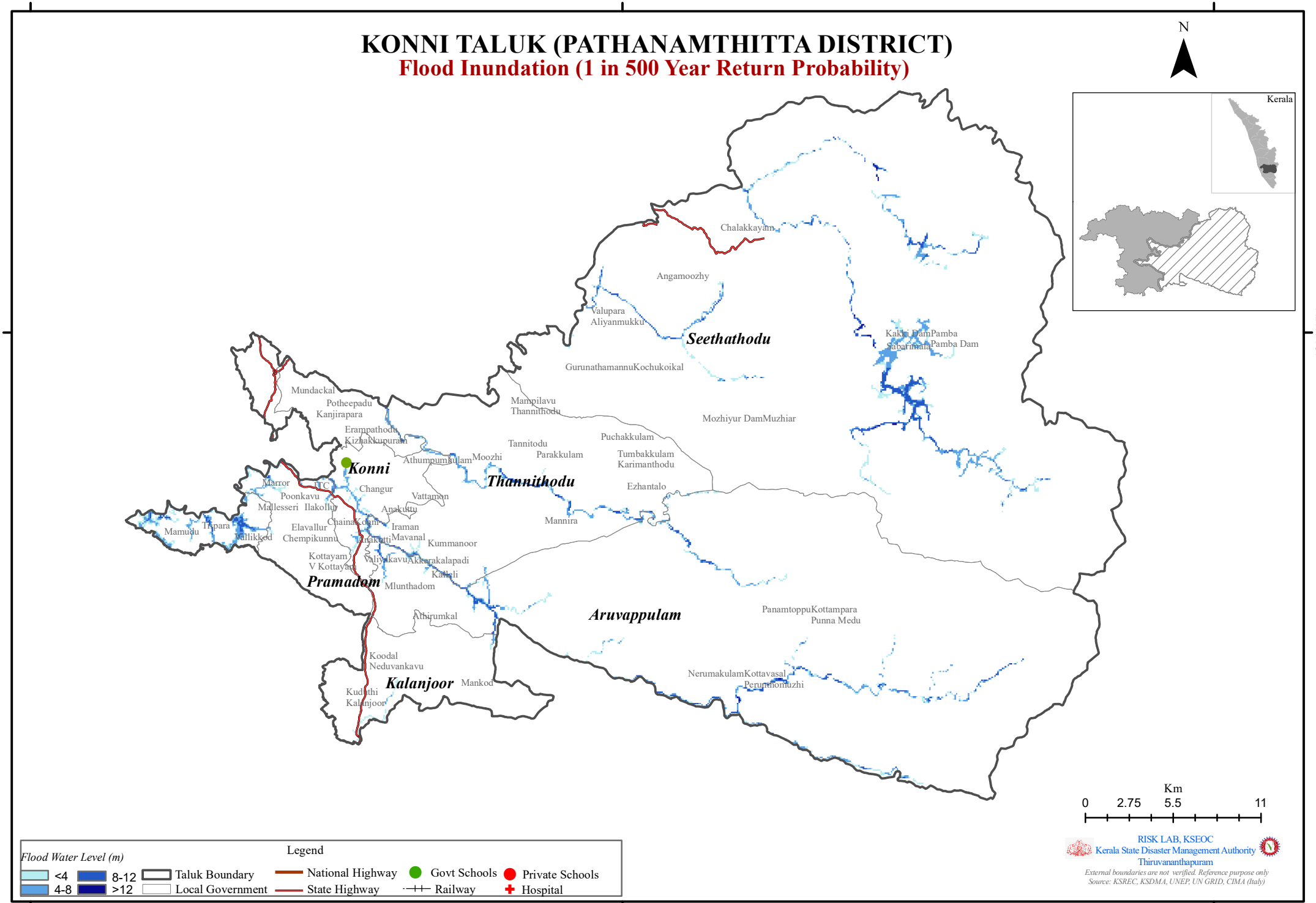
KONNI TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)



KONNI TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)



PATHANAMTHITTA DISTRICT						
KONNI 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
Konni						
School						
Govt L.P.S Attachakkal	✓	✓	✓	✓	✓	✓

PATHANAMTHITTA DISTRICT

KONNI TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aruvappulam	12.68	28.12
2	Kalanjoor	0.75	11.28
3	Konni	4.43	14.19
4	Malayalapuzha	0.42	8.89
5	Mylapra	0.08	4.44
6	Pramadom	0.14	6.11
7	Seethathodu	18.73	92.48
8	Thannithodu	6.27	24.66
9	Vallicode	8.82	16.79

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aruvappulam	13.58	29.19
2	Kalanjoor	0.77	11.96
3	Konni	4.89	15.45
4	Malayalapuzha	0.45	10.1
5	Mylapra	0.12	5.43
6	Pramadom	0.20	7.25
7	Seethathodu	19.34	92.5
8	Thannithodu	6.71	24.78
9	Vallicode	9.51	17.78

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aruvappulam	14.06	29.85
2	Kalanjoor	0.79	12.76
3	Konni	5.12	16.17
4	Malayalapuzha	0.49	10.8
5	Mylapra	0.18	6
6	Pramadom	0.23	7.98
7	Seethathodu	20.00	92.53
8	Thannithodu	6.95	24.85
9	Vallicode	9.73	18.7

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aruvappulam	14.51	30.23
2	Kalanjoor	0.80	13.46
3	Konni	5.35	16.99
4	Malayalapuzha	0.52	11.7
5	Mylapra	0.24	6.53
6	Pramadom	0.29	8.81
7	Seethathodu	20.63	92.55
8	Thannithodu	7.13	24.85
9	Vallicode	10.05	19.8

1 in 200 YEAR (Historic)

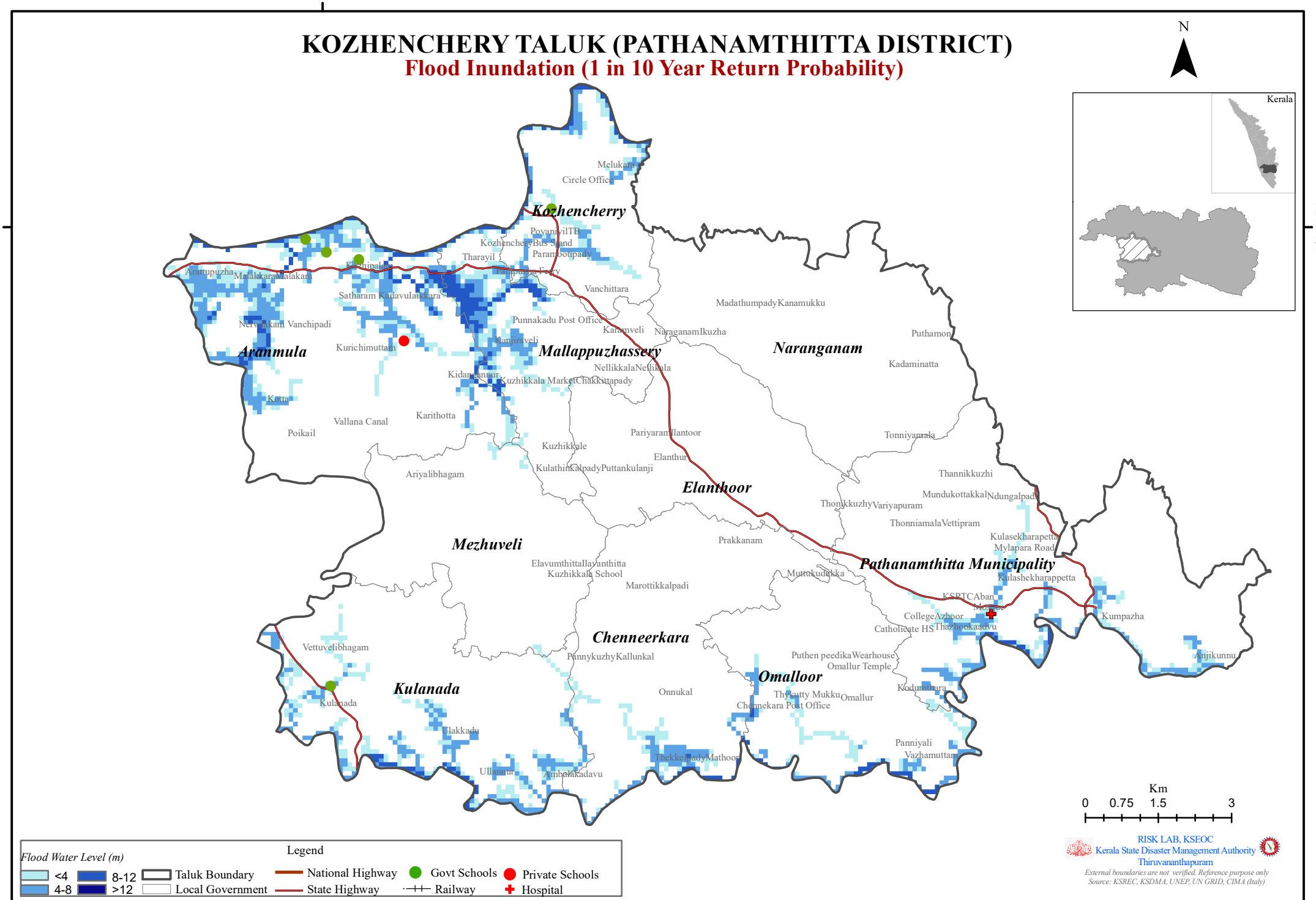
Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aruvappulam	14.93	30.75
2	Kalanjoor	0.84	14.16
3	Konni	5.56	17.63
4	Malayalapuzha	0.54	12.42
5	Mylapra	0.35	7.02
6	Pramadom	0.33	10.26
7	Seethathodu	21.35	92.55
8	Thannithodu	7.34	24.86
9	Vallicode	10.37	20.7

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aruvappulam	15.53	31.35
2	Kalanjoor	0.89	14.96
3	Konni	5.75	18.42
4	Malayalapuzha	0.59	13.22
5	Mylapra	0.41	7.69
6	Pramadom	0.35	10.91
7	Seethathodu	22.05	92.55
8	Thannithodu	7.47	24.87
9	Vallicode	10.92	22

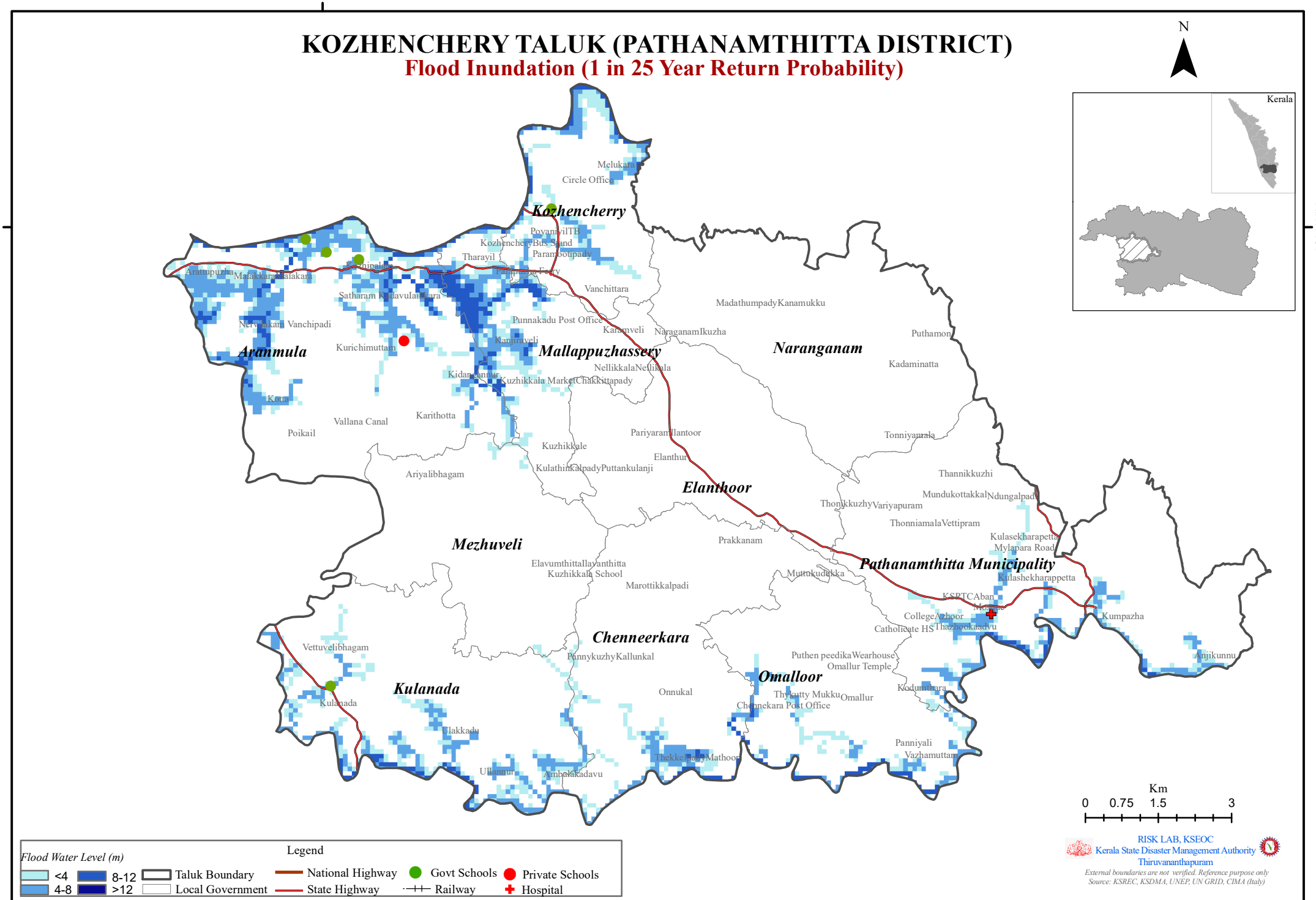
KOZHENCHERY TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)



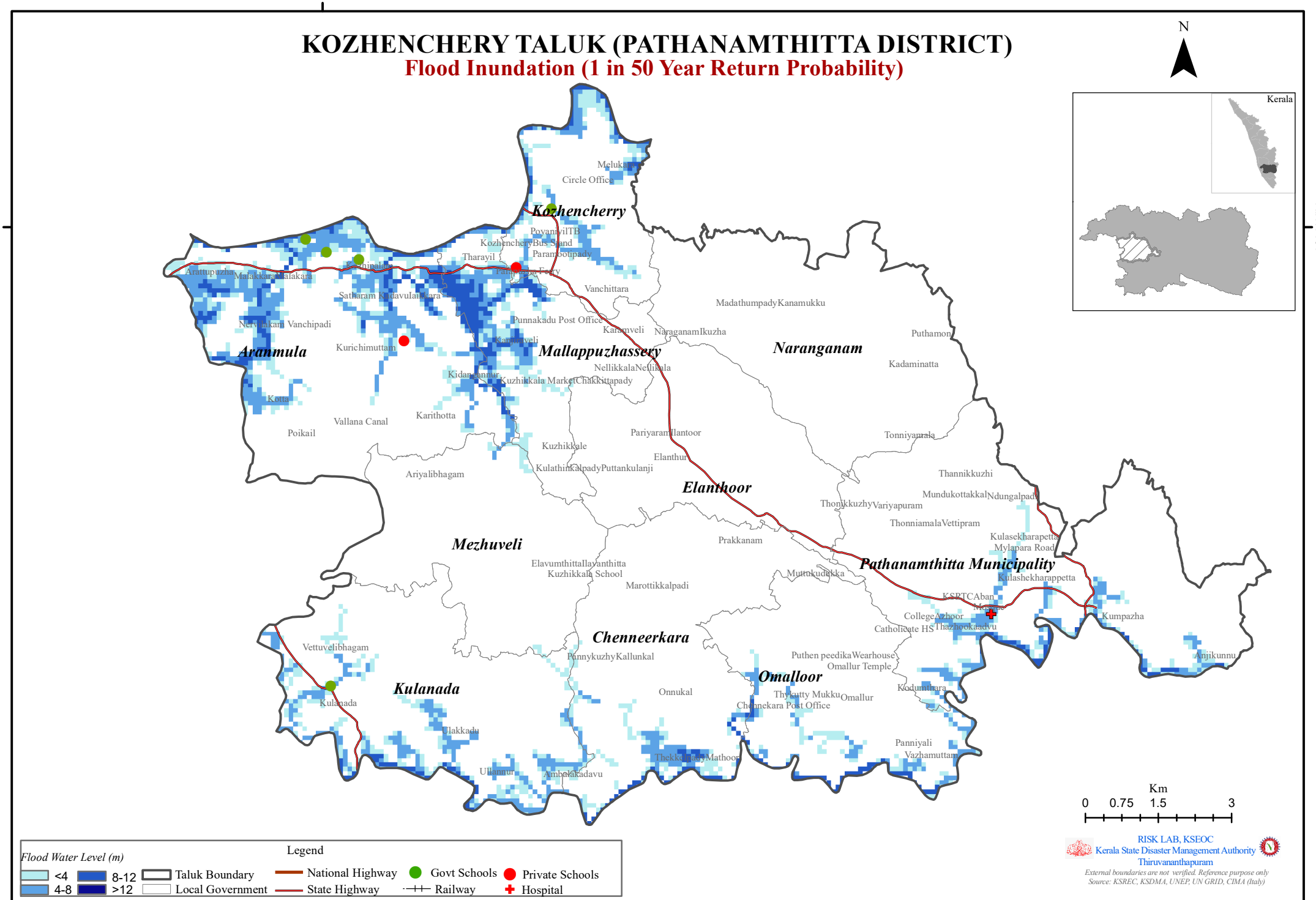
KOZHENCHERY TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)



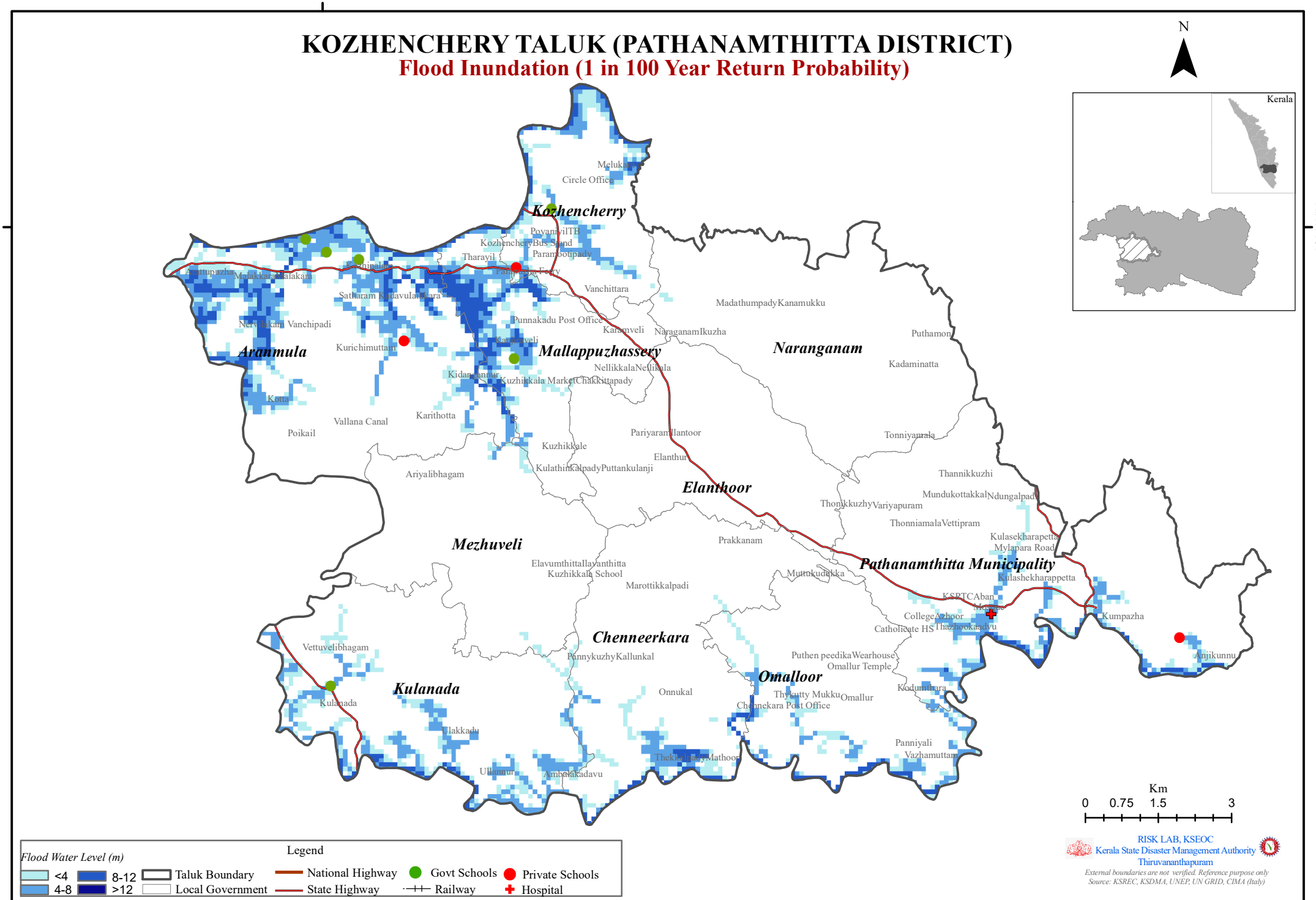
KOZHENCHERY TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)



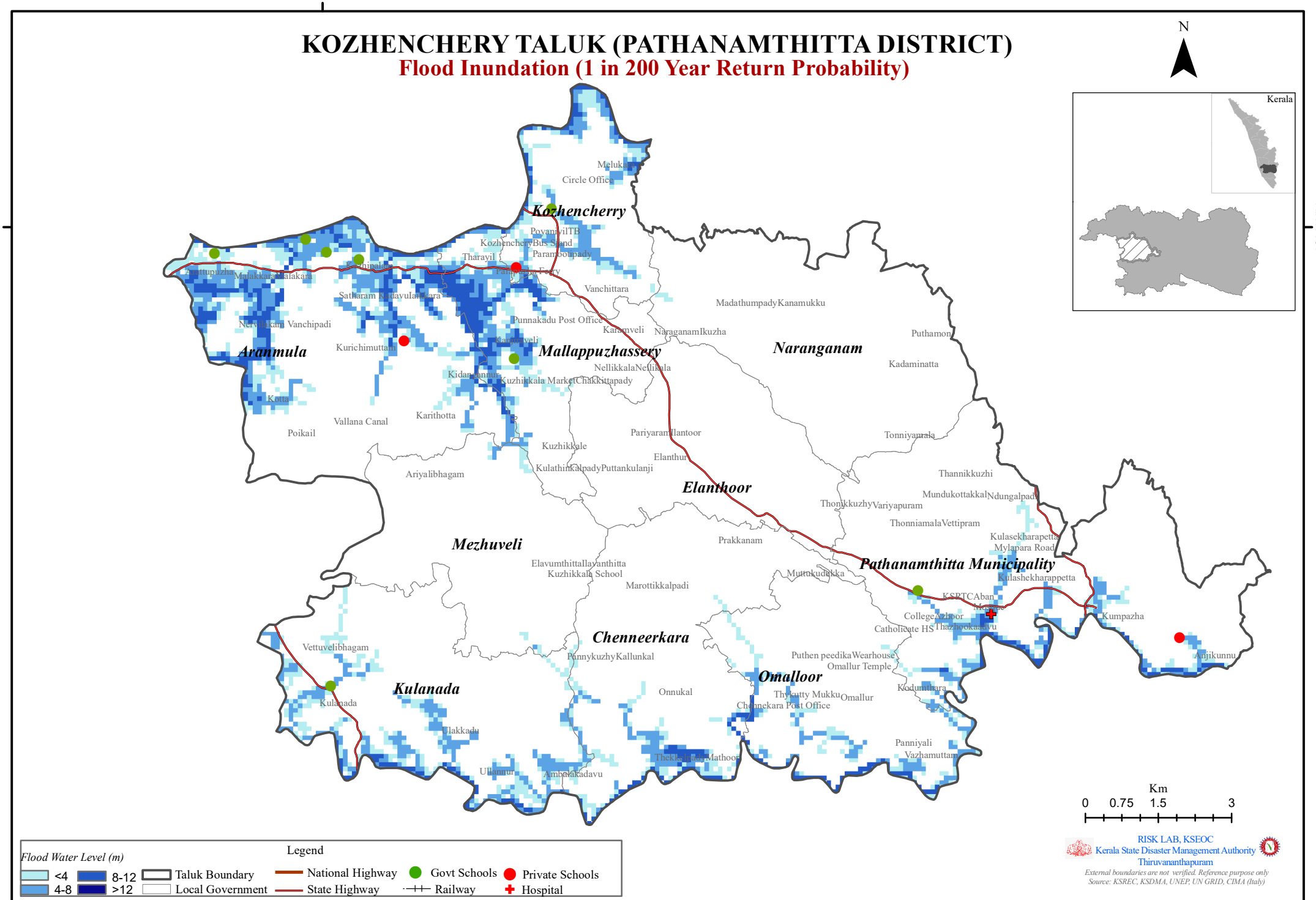
KOZHENCHERY TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)



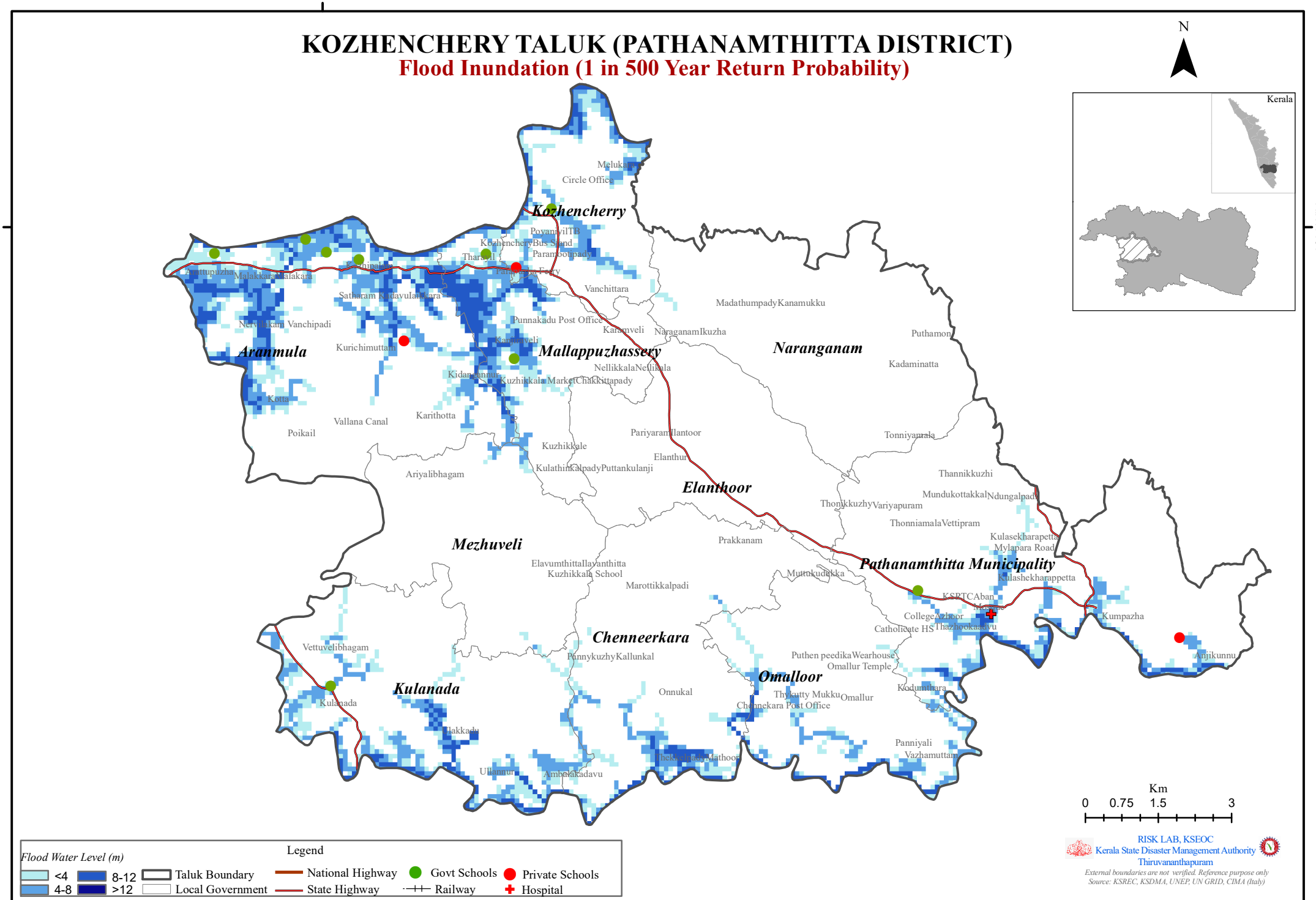
KOZHENCHERY TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)



KOZHENCHERY TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)



PATHANAMTHITTA DISTRICT						
KOZHENCHERRY 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
Aranmula						
School						
Govt. S. N. D. P. L. P. S. Lakha	✓	✓	✓	✓	✓	✓
Govt. U. P. S. Arattupuzha					✓	✓
Kidanganoor	✓	✓	✓	✓	✓	✓
M. T. L. P. S. Edayaranmula (West)	✓	✓	✓	✓	✓	✓
N. M. U. P. S. Edayaranmula	✓	✓	✓	✓	✓	✓
Kozhencherry						
School						
Kidanganoor			✓	✓	✓	✓
St. Thomas H.S.S Kozhencherry	✓	✓	✓	✓	✓	✓
Kulanada						
School						
Govt. U. P. S. Manthuka	✓	✓	✓	✓	✓	✓
Mallappuzhassery						
School						
C.M.S.U.P.S Punnakkad				✓	✓	✓
M.T L.P.S Mallappuzhassery						✓
Pathanamthitta Municipality						
Hospital						
MGM Muthoot Hospitals, Pathanmthitta		✓	✓	✓	✓	✓
School						
M.S.C L.P.S Nannuvakkadu					✓	✓
Malayalapuzha				✓	✓	✓
Pathanamthitta(M)						
Hospital						
MGM Muthoot Hospitals, Pathanmthitt	✓	✓	✓	✓	✓	✓

PATHANAMTHITTA DISTRICT

KOZHENCHERY TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aranmula	13.03	13.79
2	Chenneerkara	3.66	12.8
3	Elanthoor	1.53	6.91
4	Kozhencherry	5.26	20.19
5	Kulanada	6.74	12.46
6	Mallappuzhassery	5.98	14.44
7	Mezhuveli	1.04	8.22
8	Naranganam	0.25	7.11
9	Omalloor	5.10	16.86
10	Pathanamthitta Municipality	6.47	13.97

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aranmula	13.89	15.26
2	Chenneerkara	3.83	15.53
3	Elanthoor	1.89	8.78
4	Kozhencherry	5.66	21.93
5	Kulanada	7.19	12.79
6	Mallappuzhassery	6.31	15.1
7	Mezhuveli	1.35	9.31
8	Naranganam	0.57	8.51
9	Omalloor	5.90	17.79
10	Pathanamthitta Municipality	7.24	15.38

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aranmula	14.23	16.25
2	Chenneerkara	3.90	15.76
3	Elanthoor	2.19	9.08
4	Kozhencherry	5.93	23.11
5	Kulanada	7.47	13.29
6	Mallappuzhassery	6.42	15.5
7	Mezhuveli	1.45	9.75
8	Naranganam	0.76	9.71
9	Omalloor	6.21	18.7
10	Pathanamthitta Municipality	7.70	16.63

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aranmula	14.68	17.13
2	Chenneerkara	4.08	15.86
3	Elanthoor	2.41	9.29
4	Kozhencherry	6.17	24.18
5	Kulanada	7.90	13.82
6	Mallappuzhassery	6.56	15.79
7	Mezhuveli	1.58	10.33
8	Naranganam	1.00	10.8
9	Omalloor	6.34	19.8
10	Pathanamthitta Municipality	8.18	17.81

1 in 200 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aranmula	15.10	17.92
2	Chenneerkara	4.27	15.93
3	Elanthoor	2.64	10.15
4	Kozhencherry	6.44	25.08
5	Kulanada	8.18	14.39
6	Mallappuzhassery	6.75	16.41
7	Mezhuveli	1.72	11.11
8	Naranganam	1.25	11.75
9	Omalloor	6.50	20.7
10	Pathanamthitta Municipality	8.63	18.9

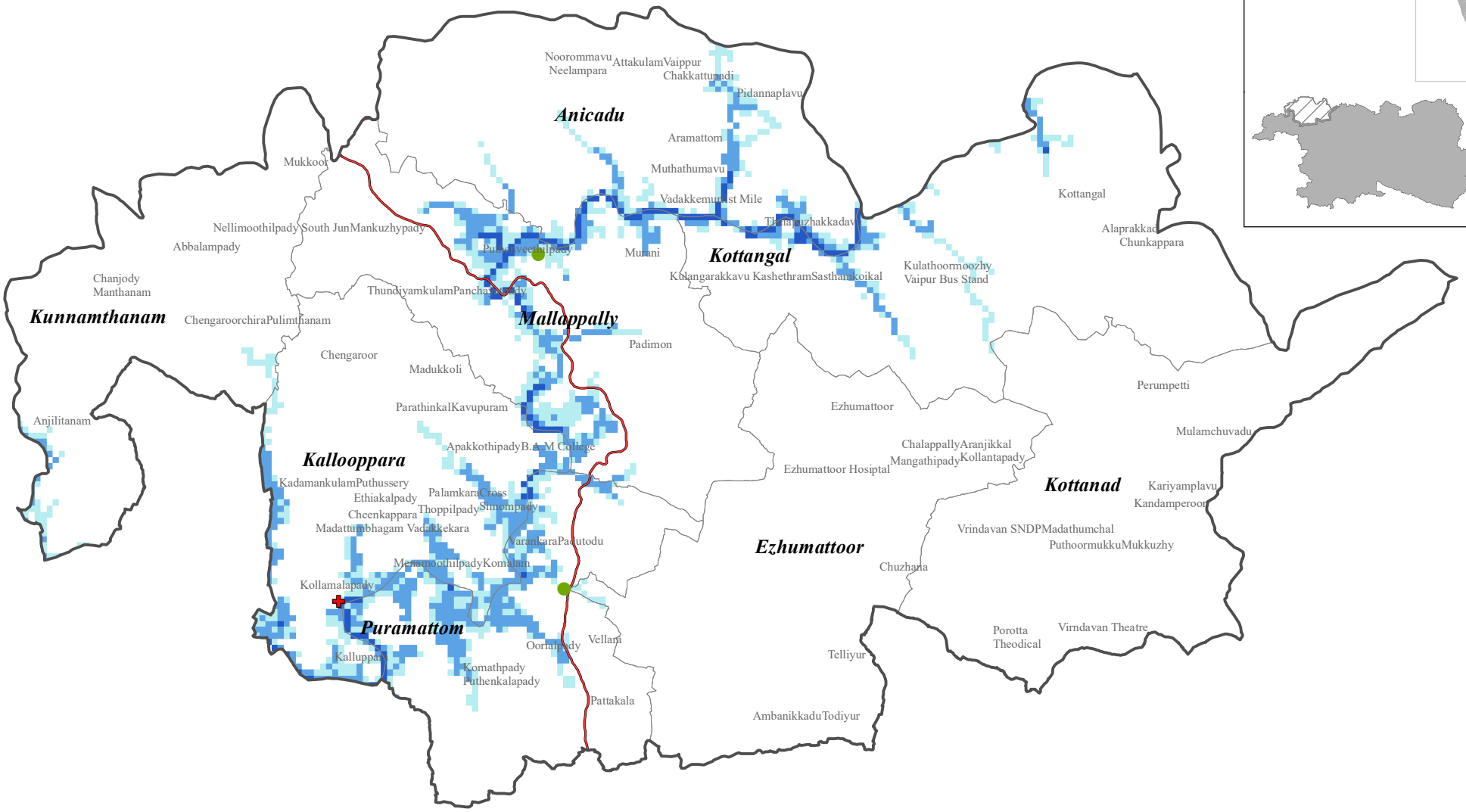
1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Aranmula	15.74	18.91
2	Chenneerkara	4.52	16.63
3	Elanthoor	2.90	11.3
4	Kozhencherry	6.74	26.48
5	Kulanada	8.55	15.12
6	Mallappuzhassery	6.98	17.37
7	Mezhuveli	1.85	12.29
8	Naranganam	1.39	12.74
9	Omalloor	6.77	22
10	Pathanamthitta Municipality	9.02	20.12

76°40'0"E

MALLAPALLY TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)

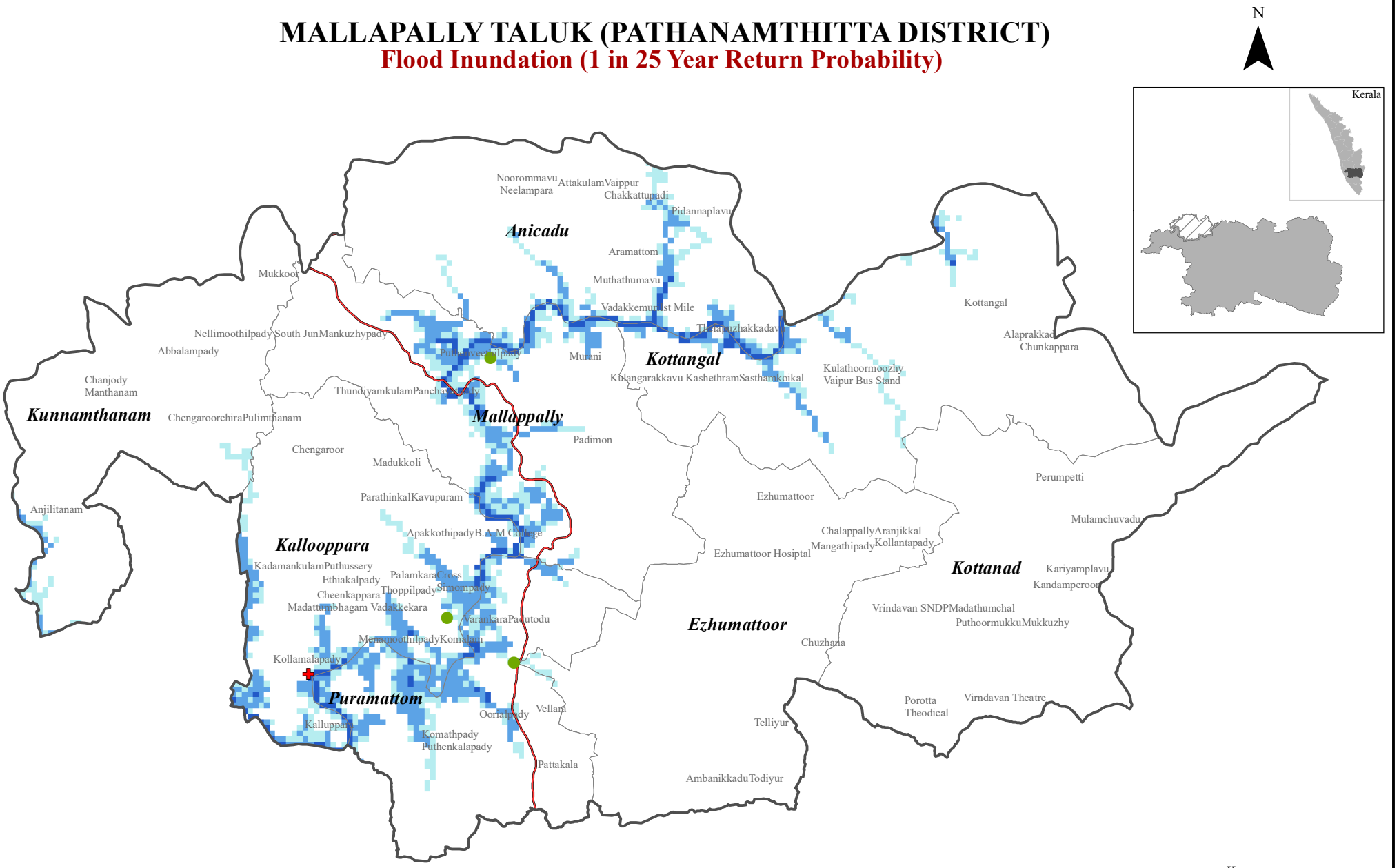


76°40'0"E

76°40'0"E

MALLAPALLY TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)

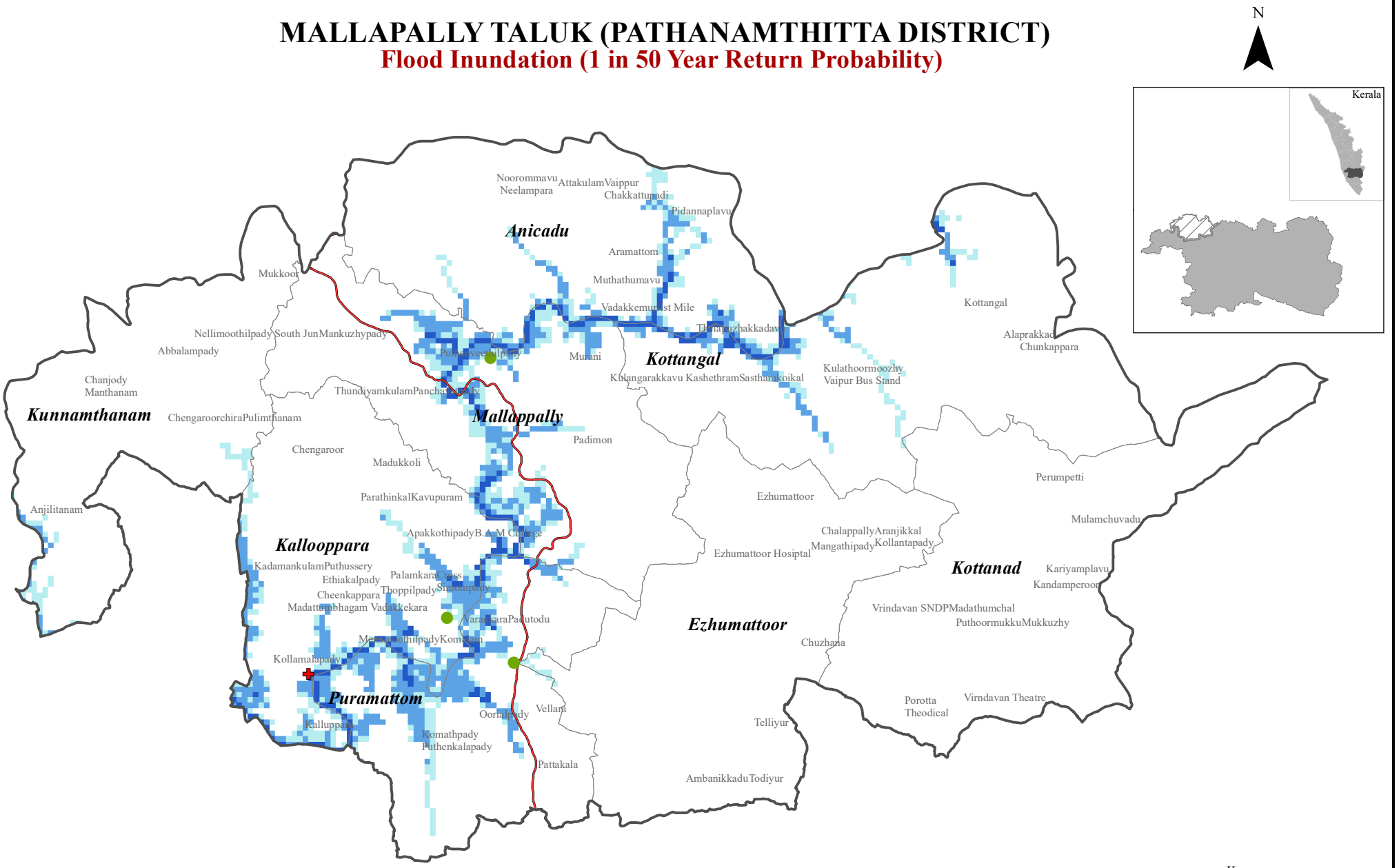


76°40'0"E

76°40'0"E

MALLAPALLY TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)

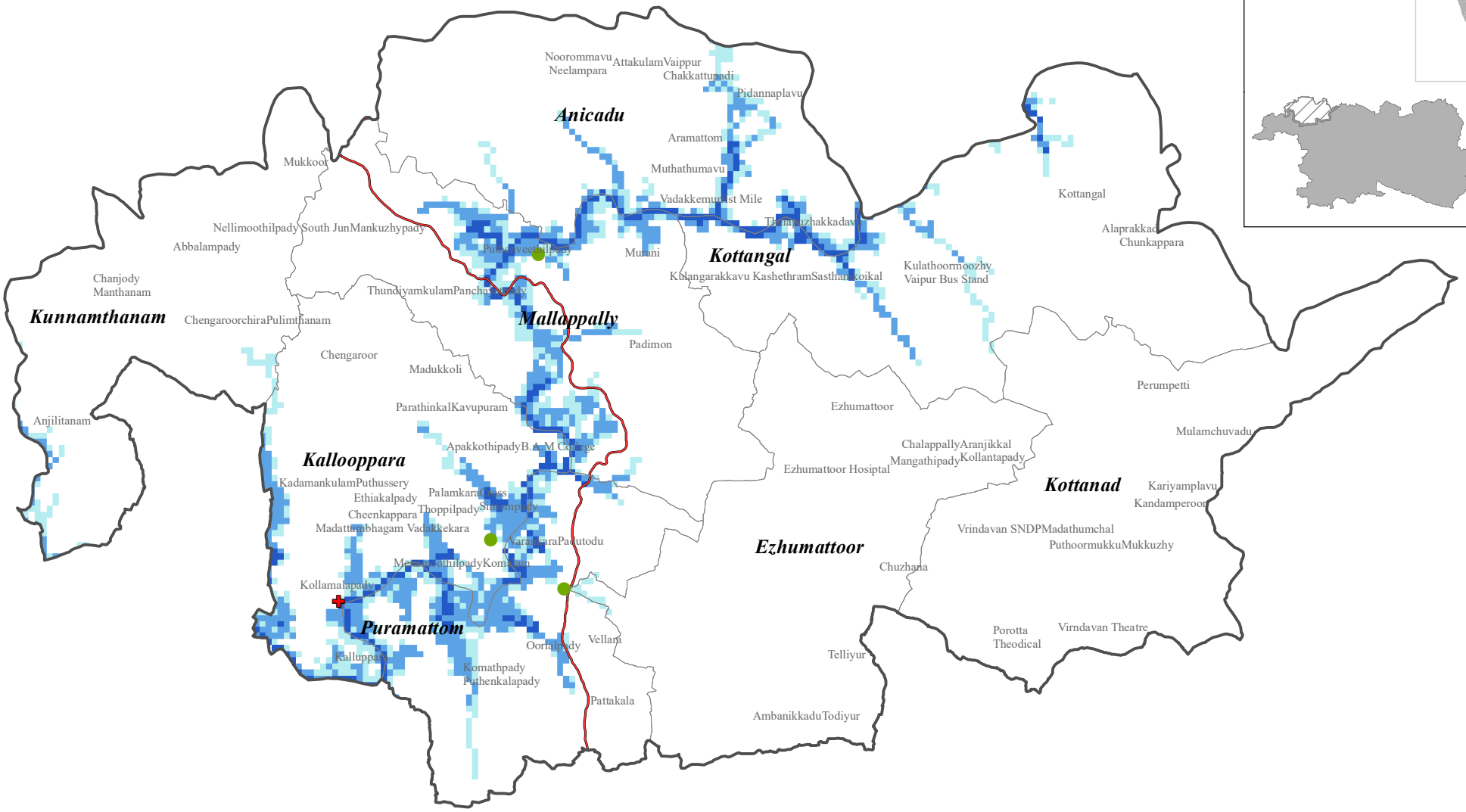


76°40'0"E

76°40'0"E

MALLAPALLY TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)

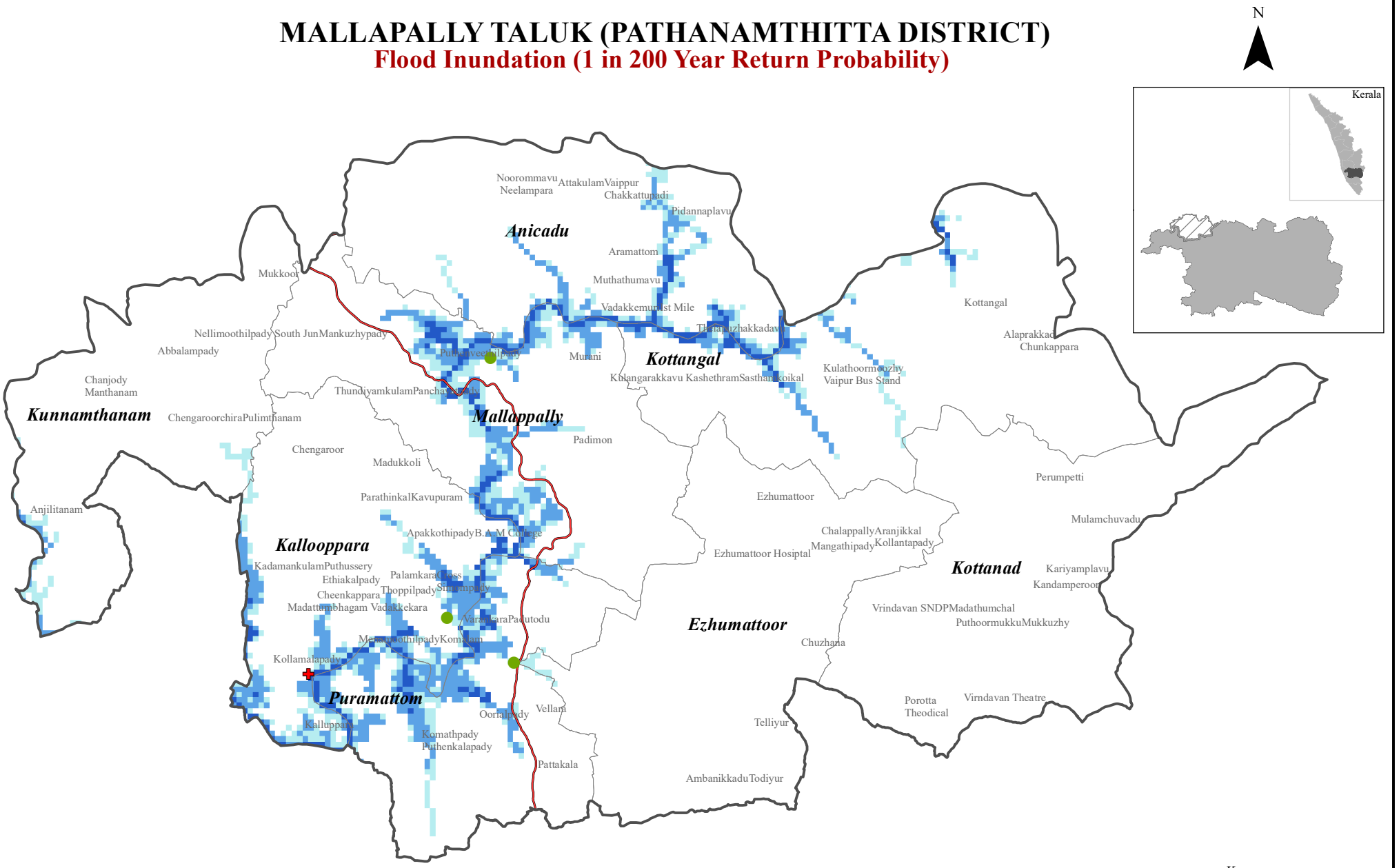


76°40'0"E

76°40'0"E

MALLAPALLY TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)

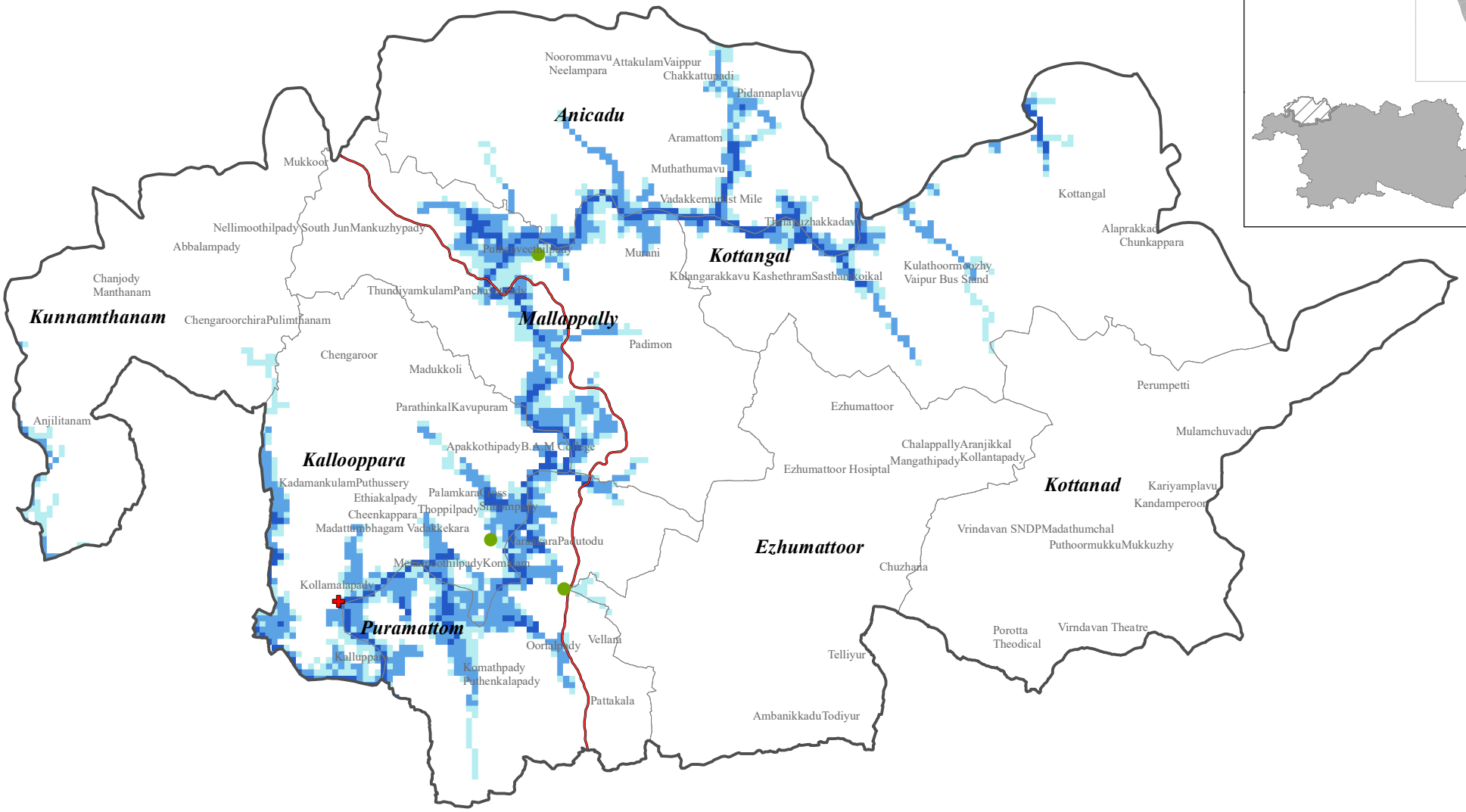


76°40'0"E

76°40'0"E

MALLAPALLY TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)



76°40'0"E

PATHANAMTHITTA DISTRICT						
MALLAPALLY 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
Ezhumattoor						
School						
M. D. L. P. S. Vennikulam	✓	✓	✓	✓	✓	✓
Kallooppara						
Hospital						
CHC Kallooppara	✓		✓	✓	✓	✓
School						
Technical HSS Mallappally		✓	✓	✓	✓	✓
Mallapally						
Hospital						
CHC Kallooppara		✓	✓	✓	✓	✓
Mallappally						
School						
I. K. M. C. M. S. L. P. S. Mallappally	✓	✓	✓	✓	✓	✓

PATHANAMTHITTA DISTRICT

MALLAPALLY TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Anicadu	3.07	12.18
2	Ezhumattoor	0.19	3.73
3	Kallooppara	4.54	10.56
4	Kottanad	0.01	1.9
5	Kottangal	2.32	12.18
6	Kunnamthanam	0.75	10.49
7	Mallappally	5.23	12.18
8	Pramadom	4.76	14.19
9	Puramattom	4.03	9.98

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Anicadu	3.45	14.27
2	Ezhumattoor	0.25	4.93
3	Kallooppara	5.17	11.9
4	Kottanad	0.01	2.61
5	Kottangal	2.57	14.27
6	Kunnamthanam	1.79	10.94
7	Mallappally	5.73	14.27
8	Pramadom	5.51	15.45
9	Puramattom	4.42	11.23

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Anicadu	3.69	15.58
2	Ezhumattoor	0.29	6.02
3	Kallooppara	5.50	12.56
4	Kottanad	0.01	3.17
5	Kottangal	2.88	15.58
6	Kunnamthanam	2.02	11.25
7	Mallappally	6.13	15.57
8	Pramadom	5.90	16.63
9	Puramattom	4.68	12.28

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Anicadu	4.18	16.87
2	Ezhumattoor	0.36	7.04
3	Kallooppara	5.74	13.3
4	Kottanad	0.01	3.78
5	Kottangal	3.24	16.87
6	Kunnamthanam	2.17	11.95
7	Mallappally	6.48	16.86
8	Pramadom	6.28	17.81
9	Puramattom	4.92	13.3

1 in 200 YEAR (Historic)

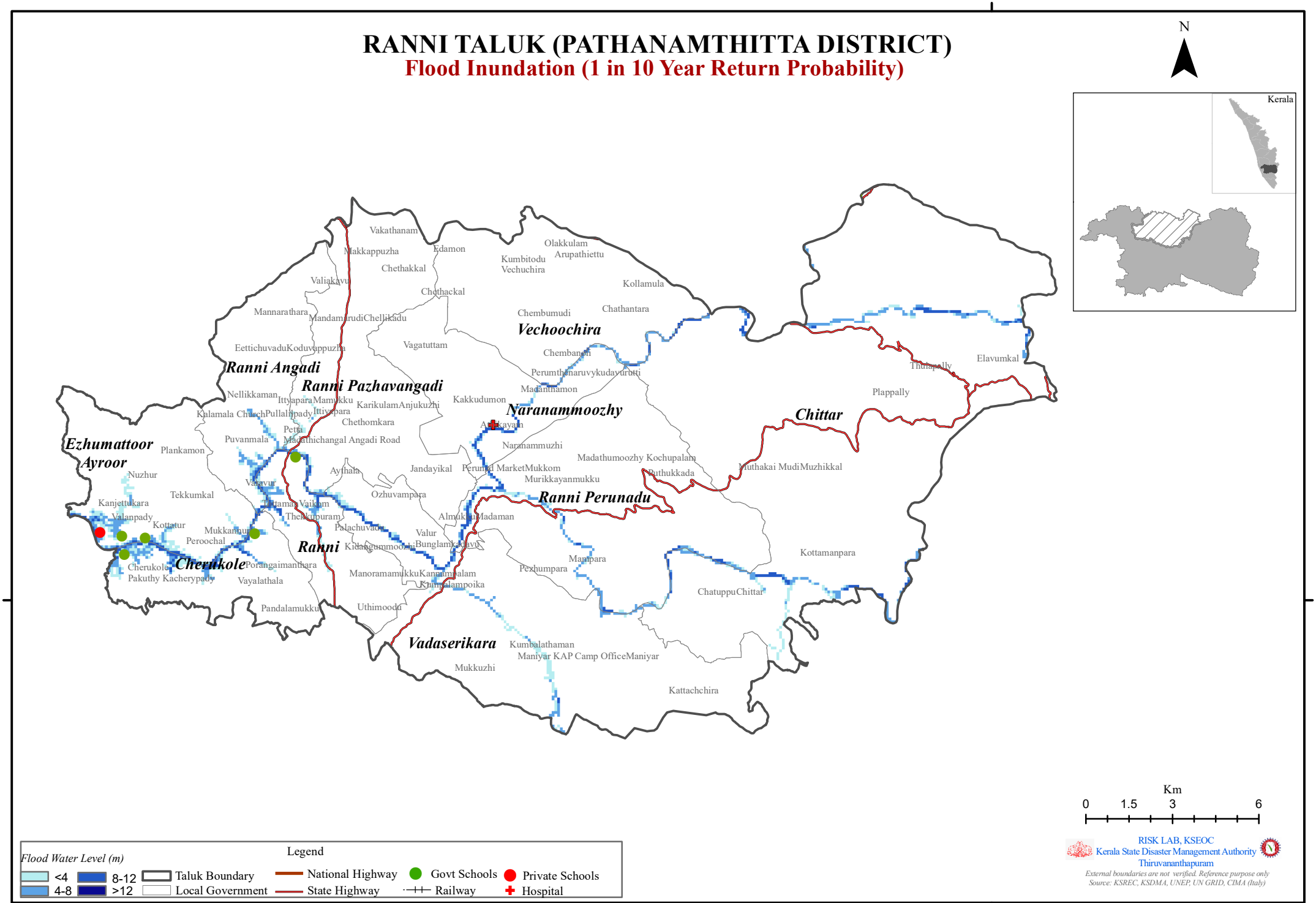
Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Anicadu	4.41	18.16
2	Ezhumattoor	0.46	7.92
3	Kallooppara	6.01	14.24
4	Kottanad	0.01	4.39
5	Kottangal	3.54	18.16
6	Kunnamthanam	2.33	12.07
7	Mallappally	6.70	18.16
8	Pramadom	6.65	18.9
9	Puramattom	5.10	14.24

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Anicadu	4.86	19.76
2	Ezhumattoor	0.52	9.24
3	Kallooppara	6.28	15.64
4	Kottanad	0.01	5.15
5	Kottangal	3.93	19.76
6	Kunnamthanam	2.46	12.13
7	Mallappally	7.14	19.76
8	Pramadom	7.18	20.12
9	Puramattom	5.40	15.64

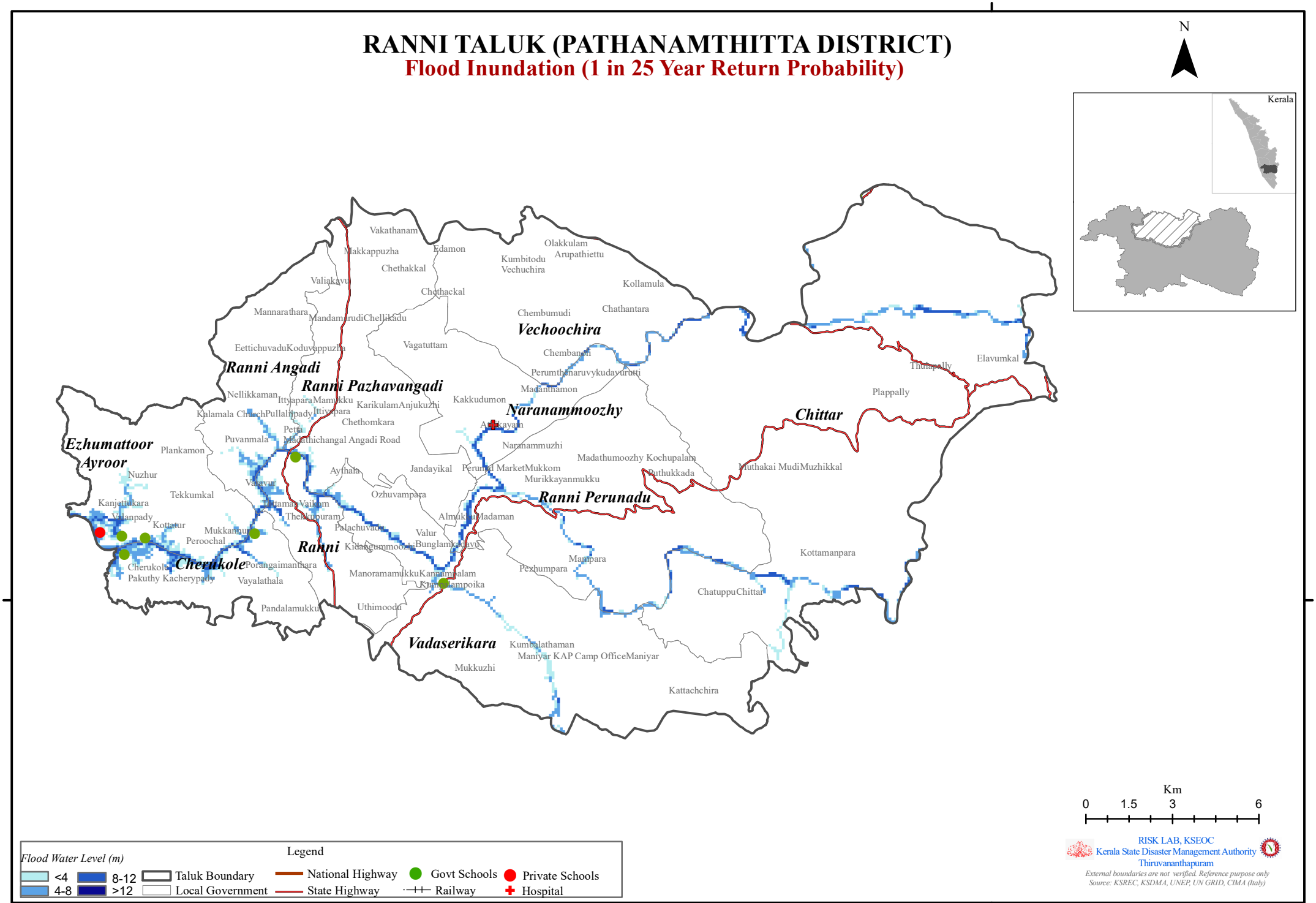
RANNI TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)



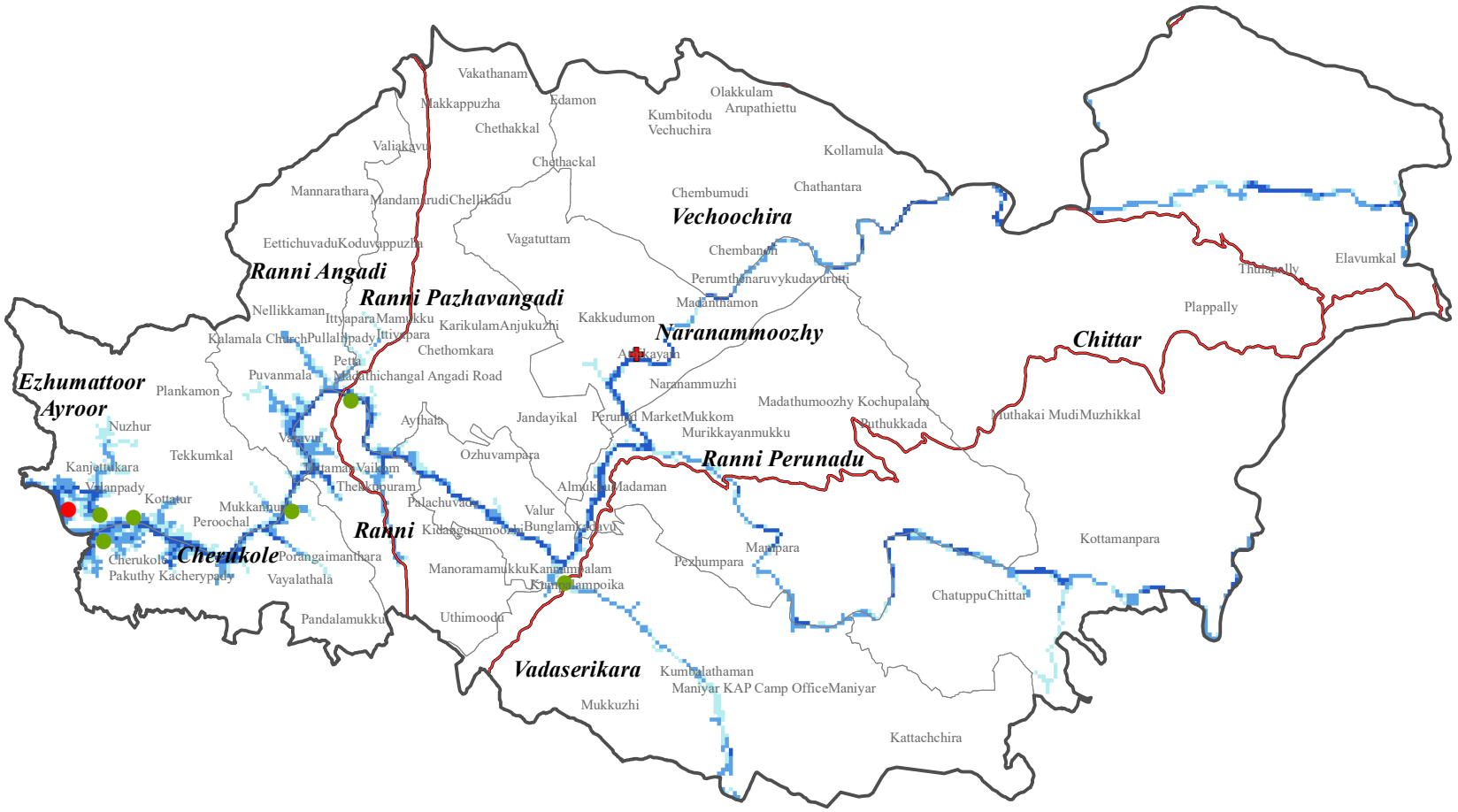
RANNI TALUK (PATHANAMTHITTA DISTRICT)

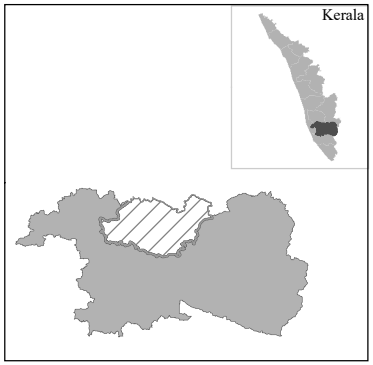
Flood Inundation (1 in 25 Year Return Probability)



RANNI TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)





N

Km
0 1.5 3 6

Legend

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

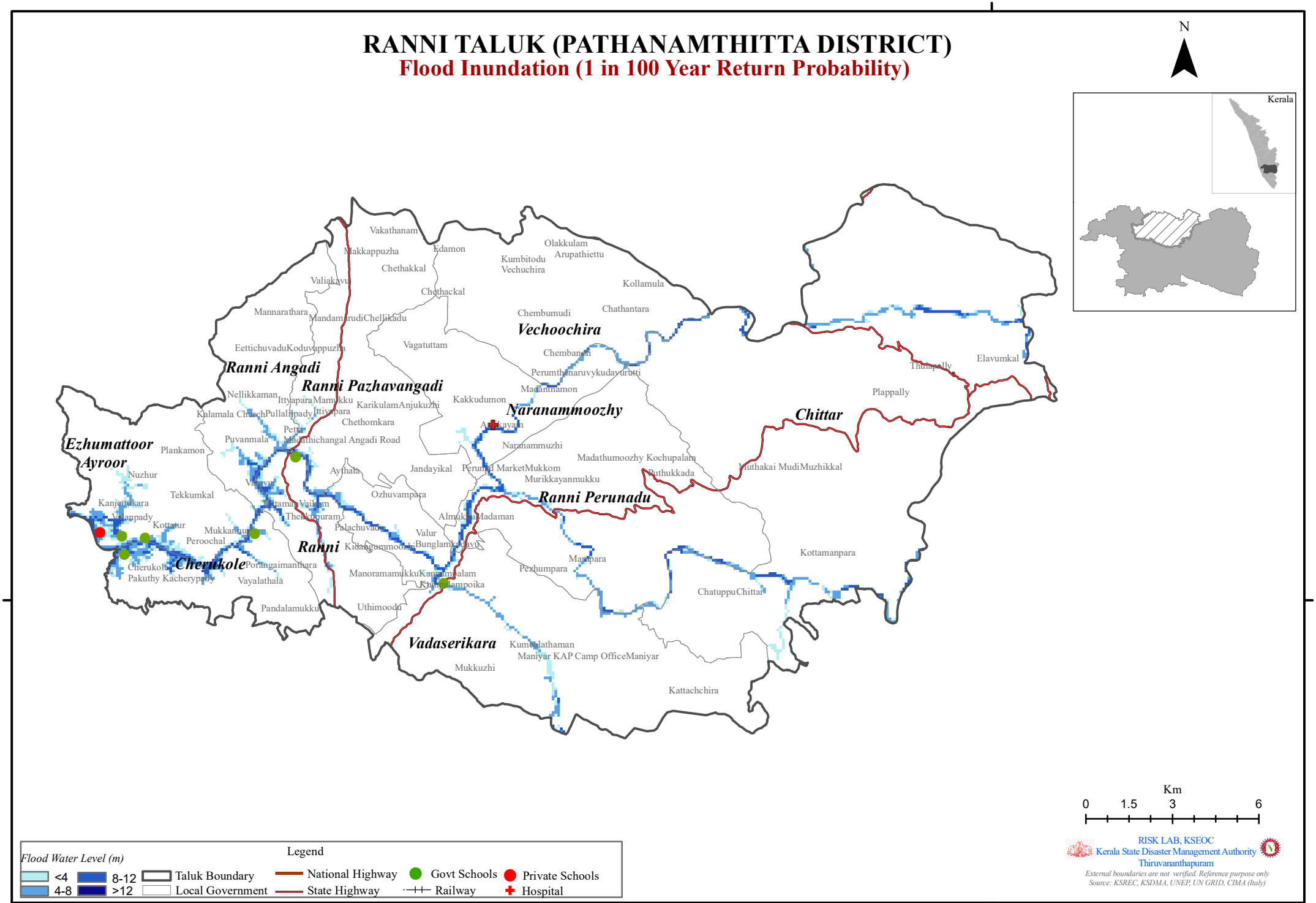
- Taluk Boundary
- Local Government
- National Highway
- State Highway
- Railway
- Govt Schools
- Private Schools
- Hospital

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)

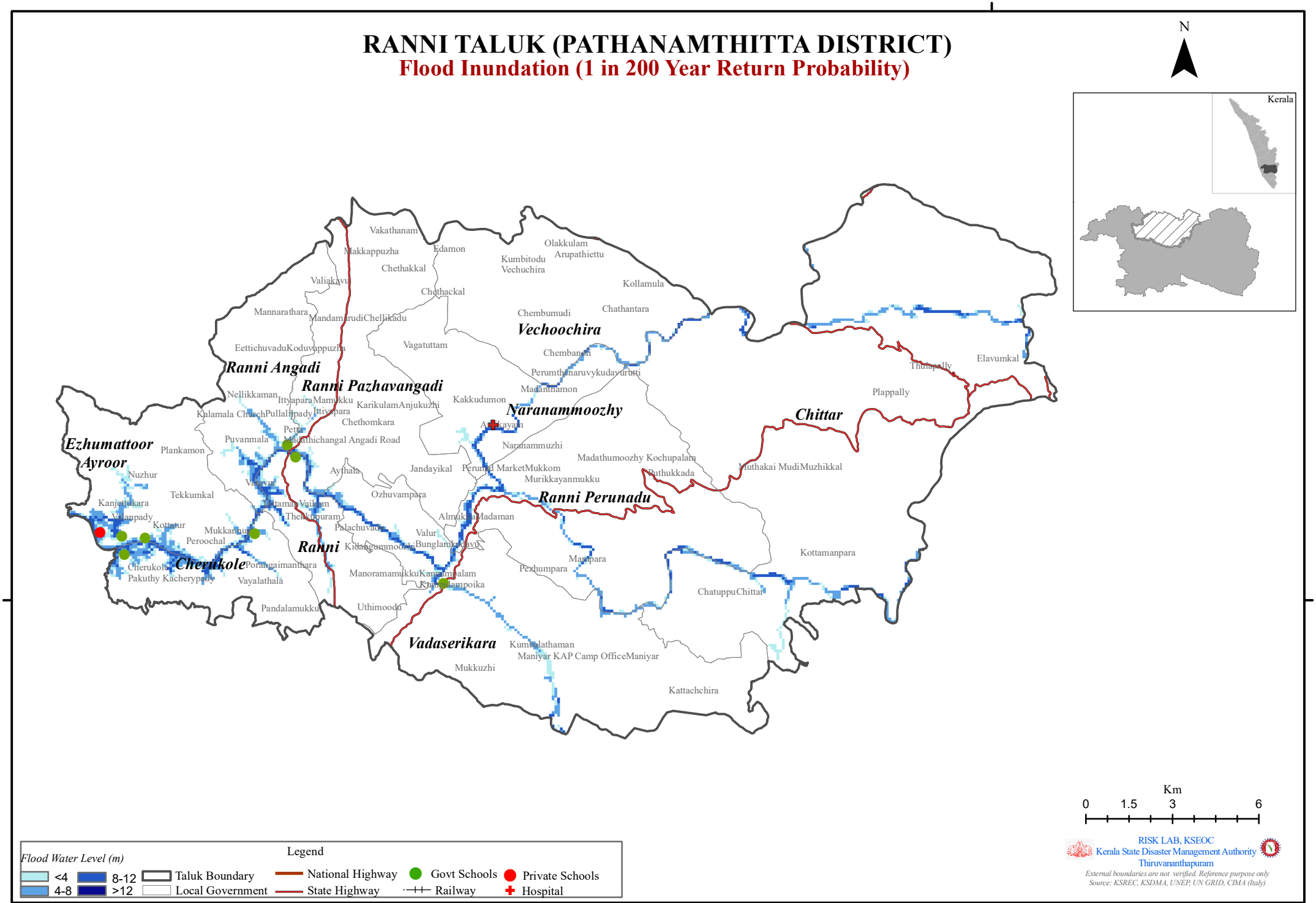
RANNI TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)



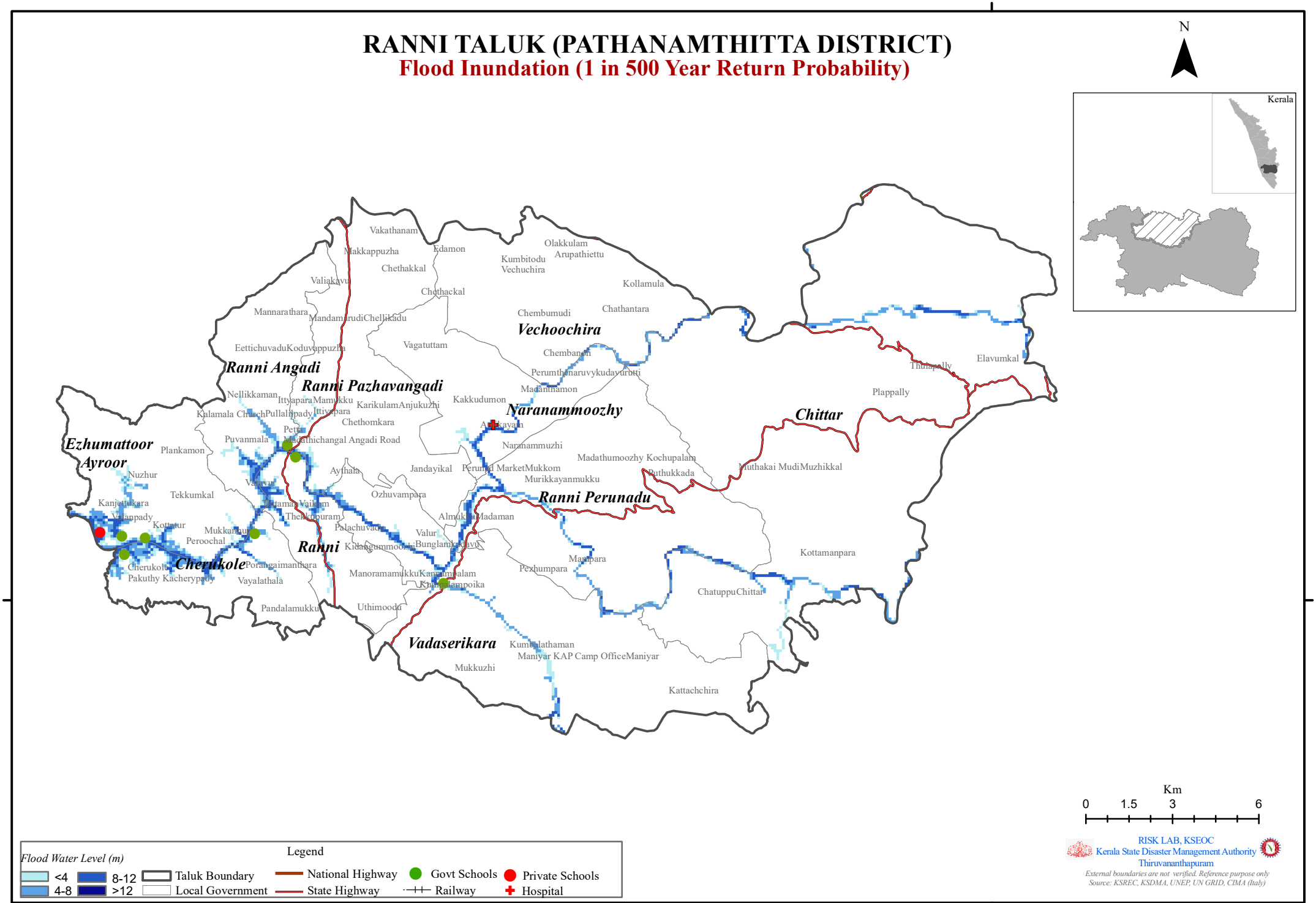
RANNI TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)



RANNI TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)



PATHANAMTHITTA DISTRICT						
RANNI 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
Ayroor						
School						
Ayroor	✓	✓	✓	✓	✓	✓
Govt: L. P. S. Ayroor	✓	✓	✓	✓	✓	✓
Govt.H. S. S. Ayroor	✓	✓	✓	✓	✓	✓
Cherukole						
School						
Govt. H.S Keekozhoor	✓	✓	✓	✓	✓	✓
Govt. U.P.S Cherukole	✓	✓	✓	✓	✓	✓
Naranammoozhy						
Hospital						
Lifeline Super Speciality Hospital Adoor		✓	✓	✓	✓	✓
Ranni						
Hospital						
Lifeline Super Speciality Hospital Adoor	✓	✓	✓	✓	✓	✓
School						
H.H.P.V.N.S.S.L.P.S Mundapuzha	✓	✓	✓	✓	✓	✓
Ranni Pazhavangadi						
School						
Govt. U.P.S R- Pazhavangadi					✓	✓
Vadaserikara						
School						
Govt. L.P.S Vdasserikara		✓	✓	✓	✓	✓

PATHANAMTHITTA DISTRICT

RANNI TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ayroor	5.77	23.3
2	Cherukole	4.16	23.3
3	Chittar	3.75	23.75
4	Naranammoozhy	1.65	23.05
5	Ranni	3.37	23.06
6	Ranni Angadi	3.07	23.06
7	Ranni Pazhavangadi	1.87	20.66
8	Ranni Perunadu	2.97	26.2
9	Vadaserikara	4.88	24.43
10	Vechoochira	0.40	16.76

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ayroor	6.20	25.82
2	Cherukole	4.50	25.82
3	Chittar	3.95	25.71
4	Naranammoozhy	1.89	25.65
5	Ranni	3.76	25.07
6	Ranni Angadi	3.64	25.07
7	Ranni Pazhavangadi	2.70	22.66
8	Ranni Perunadu	3.36	29.2
9	Vadaserikara	5.61	27.6
10	Vechoochira	0.42	17.06

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ayroor	6.50	27.21
2	Cherukole	4.65	27.21
3	Chittar	4.07	26.93
4	Naranammoozhy	2.20	27.55
5	Ranni	3.87	26.27
6	Ranni Angadi	3.87	26.27
7	Ranni Pazhavangadi	2.90	23.96
8	Ranni Perunadu	3.47	30.8
9	Vadaserikara	6.20	29.6
10	Vechoochira	0.42	17.26

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ayroor	6.84	28.95
2	Cherukole	4.81	28.95
3	Chittar	4.18	28.07
4	Naranammoozhy	2.33	28.85
5	Ranni	3.99	27.36
6	Ranni Angadi	4.08	27.36
7	Ranni Pazhavangadi	3.17	25.02
8	Ranni Perunadu	3.60	32.3
9	Vadaserikara	6.61	31.2
10	Vechoochira	0.45	17.43

1 in 200 YEAR (Historic)

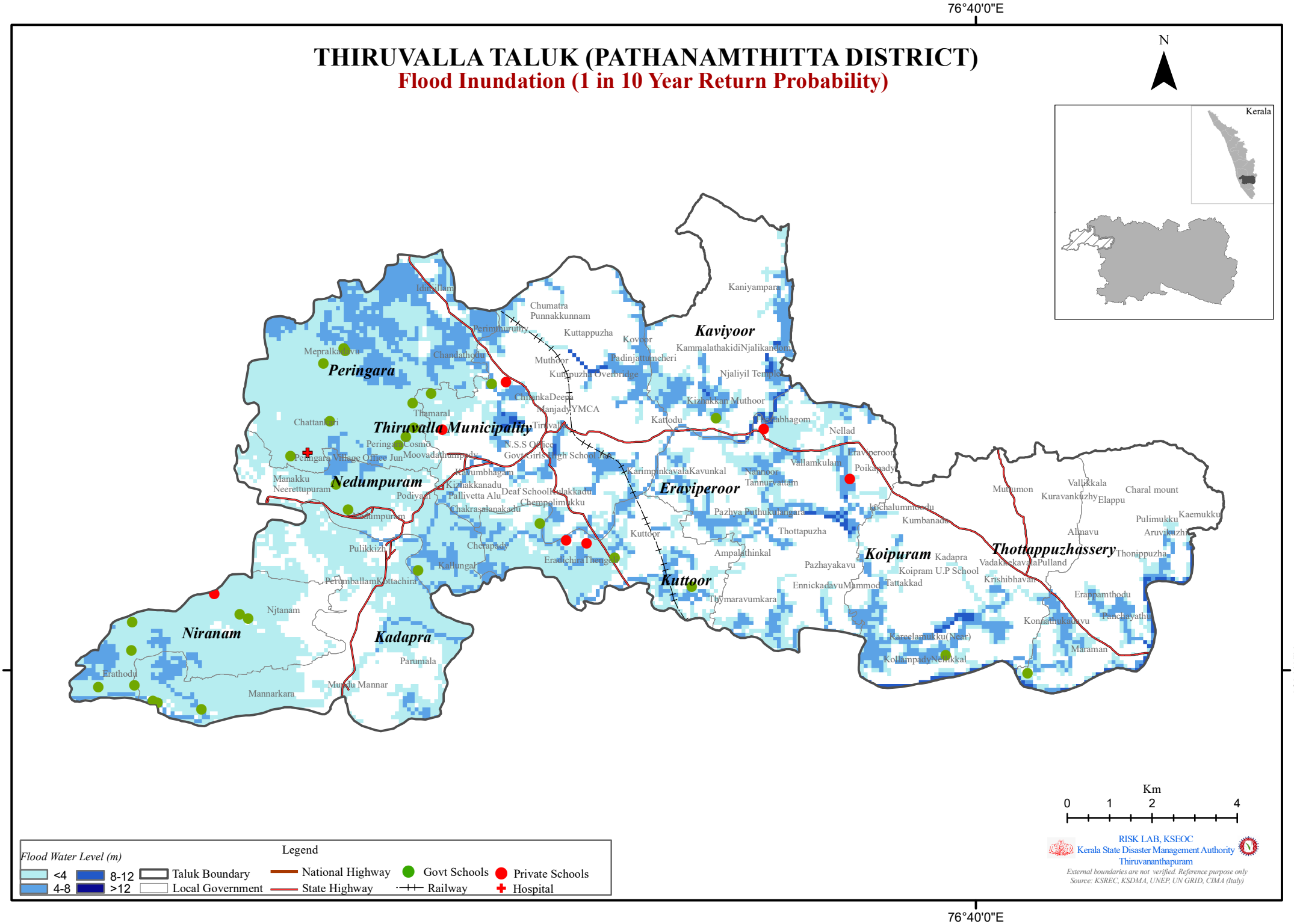
Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ayroor	7.03	30.04
2	Cherukole	4.94	30.04
3	Chittar	4.33	29.08
4	Naranammoozhy	2.49	30.55
5	Ranni	4.13	28.37
6	Ranni Angadi	4.39	28.37
7	Ranni Pazhavangadi	3.41	26
8	Ranni Perunadu	3.77	33.8
9	Vadaserikara	6.93	32.7
10	Vechoochira	0.46	17.58

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ayroor	7.40	31.42
2	Cherukole	5.21	31.42
3	Chittar	4.46	30.37
4	Naranammoozhy	2.61	31.95
5	Ranni	4.22	29.67
6	Ranni Angadi	4.60	29.67
7	Ranni Pazhavangadi	3.63	27.26
8	Ranni Perunadu	3.95	35.4
9	Vadaserikara	7.59	34.9
10	Vechoochira	0.46	17.78

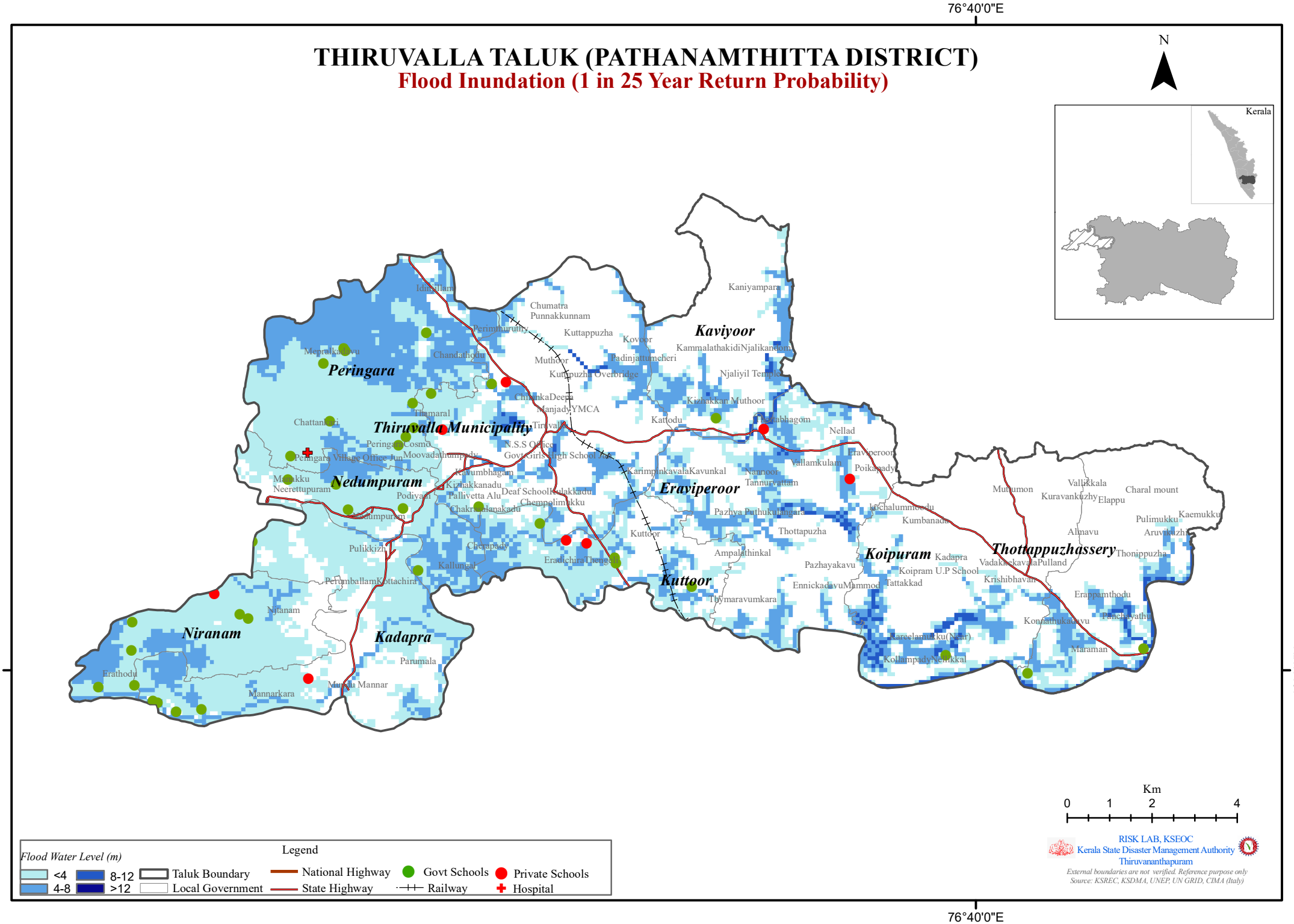
THIRUVALLA TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)



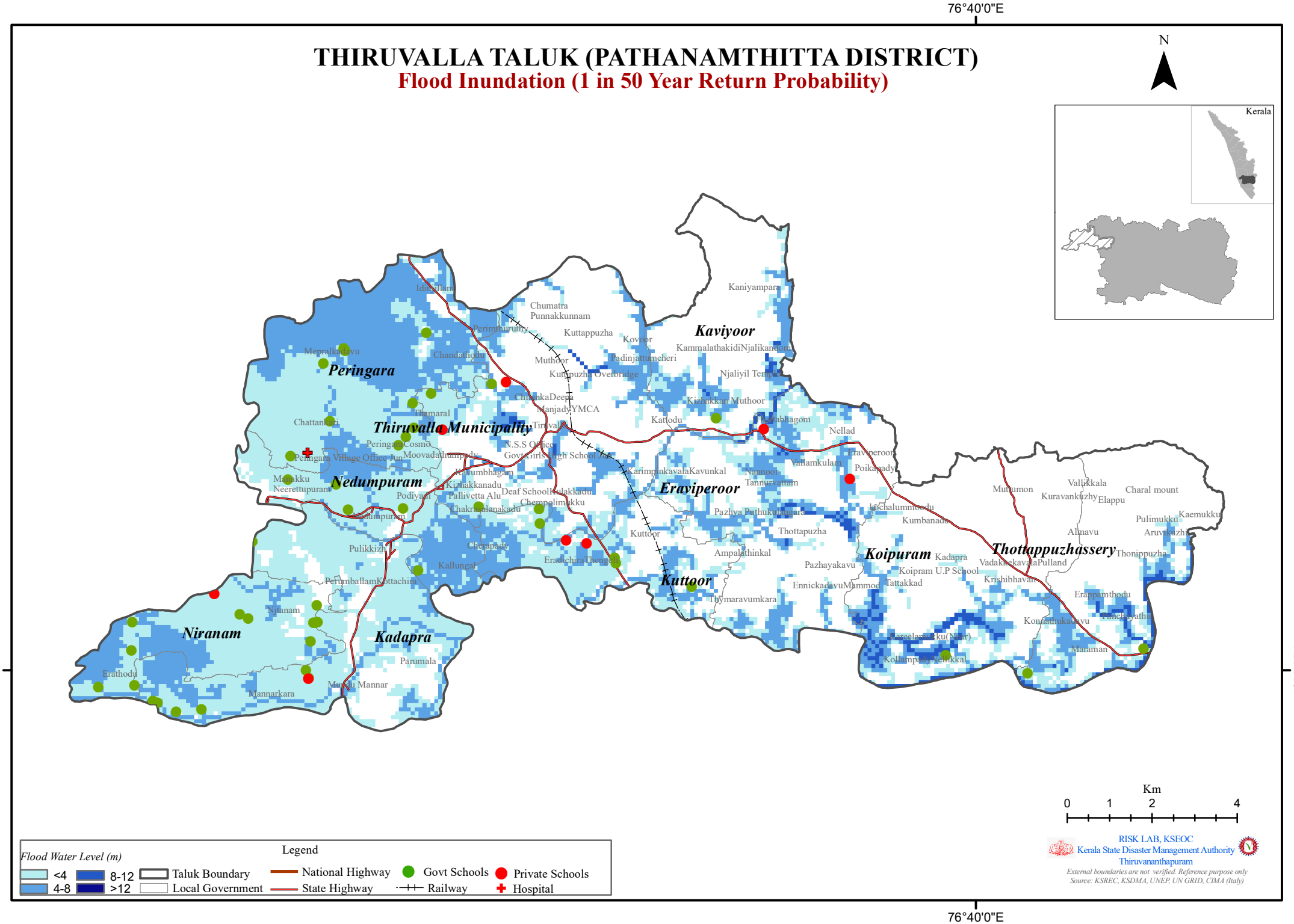
THIRUVALLA TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)



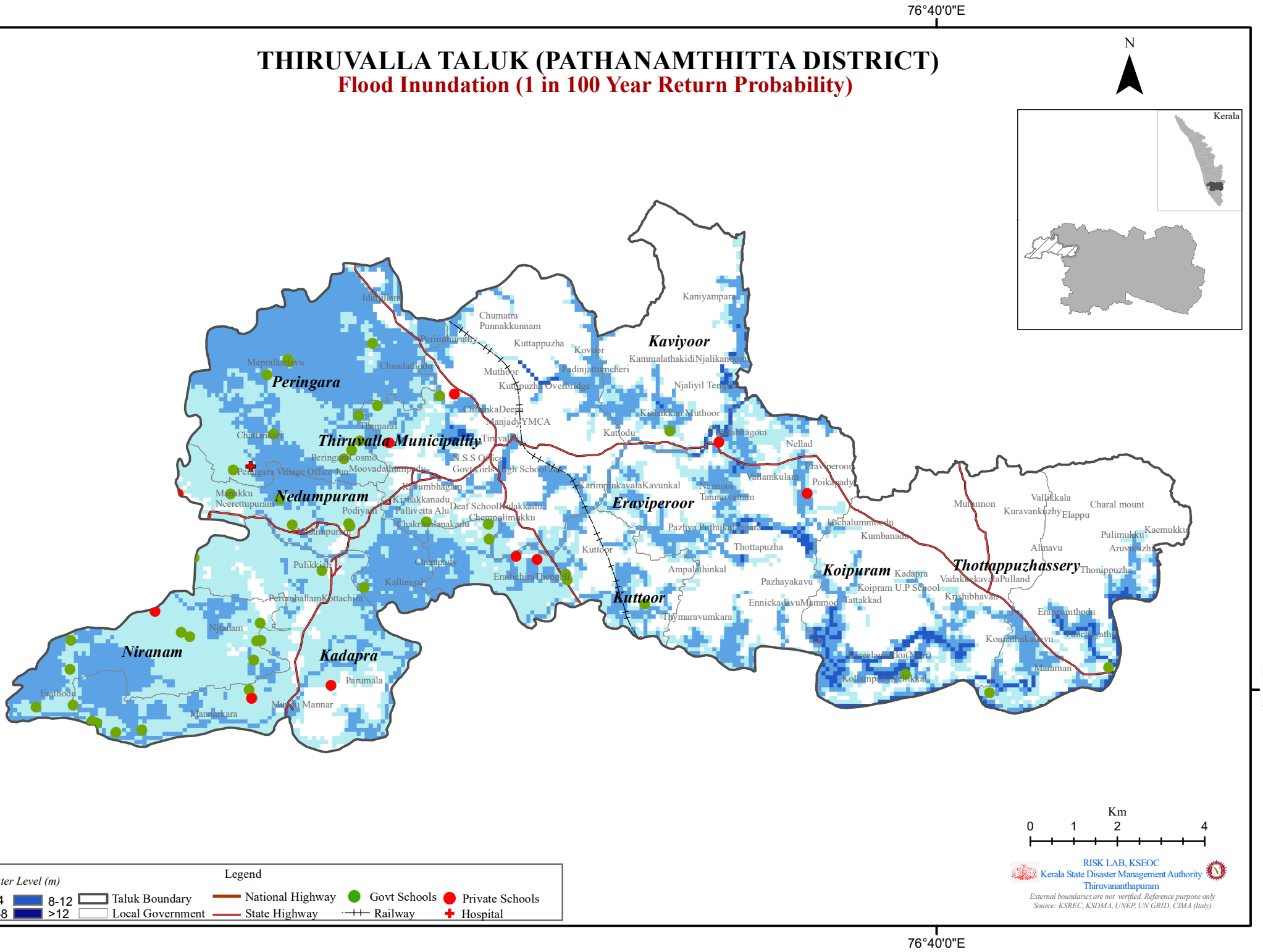
THIRUVALLA TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)



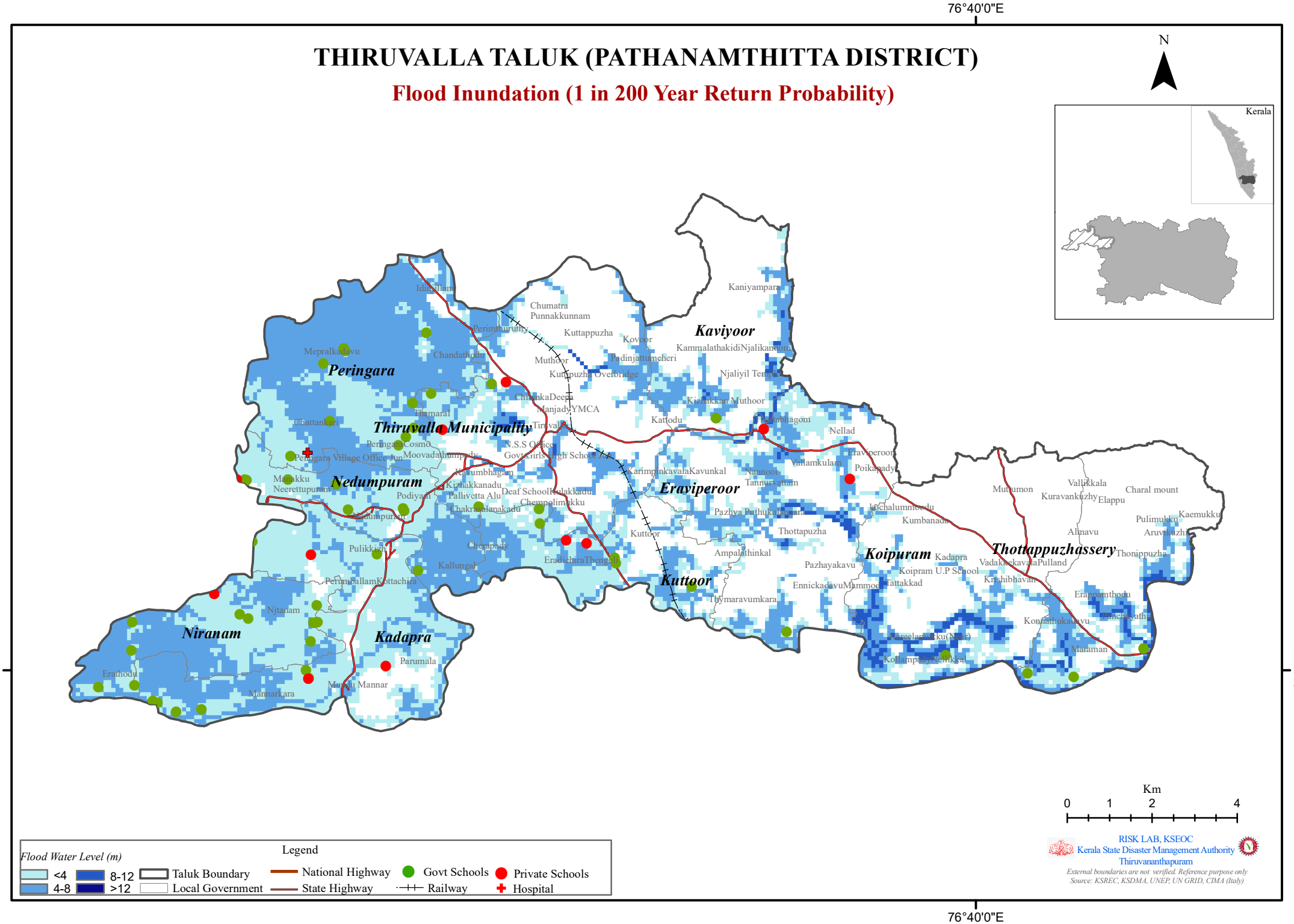
THIRUVALLA TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)



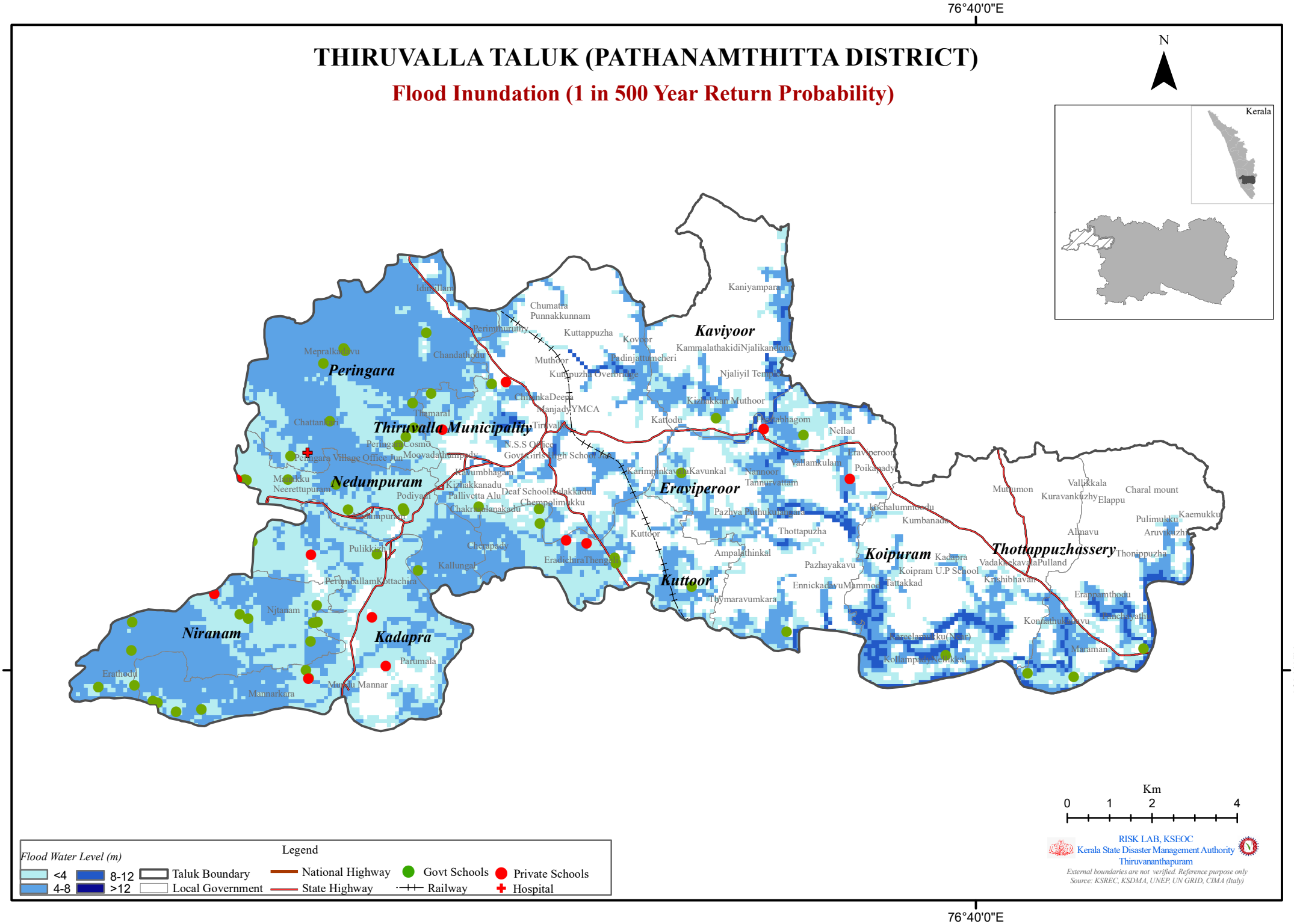
THIRUVALLA TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)



THIRUVALLA TALUK (PATHANAMTHITTA DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)



PATHANAMTHITTA DISTRICT						
THIRUVALLA 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
Eraviperoor						
School						
Eraviperoor	✓	✓	✓	✓	✓	✓
Govt.L.P.S. Eraviperoor						✓
L.P.S. Kizhakken Othera					✓	✓
National H. S. Vallamkulam						✓
Kadapra						
School						
C M S L P School Melpadom		✓	✓	✓	✓	✓
Kadapra		✓	✓	✓	✓	✓
KVUPS Valanjavattom				✓	✓	✓
M. T. L. P. S. Melpadom	✓	✓	✓	✓	✓	✓
M.D.L.P.S. Mozhassery			✓	✓	✓	✓
Mar Baselious MmdLPS Niranam	✓	✓	✓	✓	✓	✓
Md LPS Mannar Church			✓	✓	✓	✓
Niranam					✓	✓
St. Kuriakose U. P. S. Melpadom	✓	✓	✓	✓	✓	✓
St. Mary`S H. S. Niranam			✓	✓	✓	✓
St. Mary`S L.P.G.S.Niranam			✓	✓	✓	✓
St. Mary`S LPS Niranam			✓	✓	✓	✓
Kaviyoor						
School						
Govt. L. P. S. Thottabhagom	✓	✓	✓	✓	✓	✓
Koipuram						
School						
C.M.S.L.P.S. Poovathoor	✓	✓	✓	✓	✓	✓
Kuttoor						
School						
DLPS Kadalimangalam	✓	✓	✓	✓	✓	✓
Govt.H. S. Kuttoor	✓	✓	✓	✓	✓	✓
Govt.L.P.S. Kuttoor Pandicherrybhagom		✓	✓	✓	✓	✓
Kuttoor	✓	✓	✓	✓	✓	✓
P.T.P.M.U.P.S. Thymaravumkara	✓	✓	✓	✓	✓	✓
Sa LPS Venpala			✓	✓	✓	✓
Nedumpuram						
School						
Anaparampal North MT LPS					✓	✓
CMS LPS Nedumpuram		✓	✓	✓	✓	✓
Ea LPS Kocharimukkom	✓	✓	✓	✓	✓	✓
Govt.H.S. Nedumprom,Puhtiyakavu	✓	✓	✓	✓	✓	✓
Govt.L.P.S. Podiyadi		✓	✓	✓	✓	✓
Mangalodayam UPS Podiyadi				✓	✓	✓
Md LPS Kallumkal	✓	✓	✓	✓	✓	✓
TMThs Thalavady					✓	✓
Niranam						
School						
GUPS Niranam Mukalady			✓	✓	✓	✓
M.D.L.P.S.Kottayil	✓	✓	✓	✓	✓	✓
M.D.L.P.S.MannaMThottuvazhy	✓	✓	✓	✓	✓	✓
M.T.L.P.S. Niranam South			✓	✓	✓	✓
M.T.L.P.S.Kompankery	✓	✓	✓	✓	✓	✓
MsmUPS Niranam	✓	✓	✓	✓	✓	✓
Niranam	✓	✓	✓	✓	✓	✓
St. George UPS Kadapra	✓	✓	✓	✓	✓	✓
St. Thomas H. S. Niranam West	✓	✓	✓	✓	✓	✓
Peringara						
Hospital						

CHC Chathenkery	✓		✓	✓	✓	✓
School						
GLPS Mepral	✓	✓	✓	✓	✓	✓
Govt. Girls Hs Peringara	✓	✓	✓	✓	✓	✓
Govt. St. John`S LPS Mepral	✓	✓	✓	✓	✓	✓
Govt.LPS Chathankery	✓	✓	✓	✓	✓	✓
L.P.S.Karakkal	✓	✓	✓	✓	✓	✓
MT LPS Vengal		✓	✓	✓	✓	✓
P. M. V.H. S. Peringara	✓	✓	✓	✓	✓	✓
P.M.V. L.P.S.Peringara	✓	✓	✓	✓	✓	✓
S. N. D. P. H. S. Chathankery	✓	✓	✓	✓	✓	✓
St. John`S UPS Mepral	✓	✓	✓	✓	✓	✓
Thiruvalla						
Hospital						
CHC Chathenkery		✓	✓	✓	✓	✓
Thiruvalla Municipality						
School						
Govt.H.S. Azhiyidathuchira	✓	✓	✓	✓	✓	✓
GUPS Mannamkarachira	✓	✓	✓	✓	✓	✓
S.K.V.L.P.S.Kizhakkummury		✓	✓	✓	✓	✓
Thiruvalla	✓	✓	✓	✓	✓	✓
Thottappuzhassery						
School						
M.T.L.P.S. Nedumprayar		✓	✓	✓	✓	✓
M.T.L.P.S. Poovathoor	✓	✓	✓	✓	✓	✓
M.T.L.P.S. Thottappuzhasserry					✓	✓

PATHANAMTHITTA DISTRICT

THIRUVALLA TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Eraviperoor	12.33	10.56
2	Kadapra	16.79	6.53
3	Kaviyoor	5.16	10.49
4	Koipuram	9.09	13.79
5	Kuttoor	8.14	7.76
6	Nedumpuram	8.57	5.74
7	Niranam	9.96	4.41
8	Peringara	19.15	6.64
9	Thiruvalla Municipality	10.53	10.58
10	Thottappuzhassery	7.27	20.19

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Eraviperoor	13.37	11.9
2	Kadapra	17.68	7.33
3	Kaviyoor	5.53	11.38
4	Koipuram	10.06	15.26
5	Kuttoor	8.34	8.56
6	Nedumpuram	8.61	6.54
7	Niranam	10.20	5.01
8	Peringara	19.24	7.65
9	Thiruvalla Municipality	11.67	11.11
10	Thottappuzhassery	7.66	21.93

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Eraviperoor	13.90	12.6
2	Kadapra	17.92	7.67
3	Kaviyoor	5.75	12.02
4	Koipuram	10.63	16.25
5	Kuttoor	8.43	8.94
6	Nedumpuram	8.61	6.89
7	Niranam	10.20	5.11
8	Peringara	19.30	8.02
9	Thiruvalla Municipality	12.29	11.49
10	Thottappuzhassery	7.87	23.11

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Eraviperoor	14.34	13.49
2	Kadapra	18.16	8.04
3	Kaviyoor	5.96	12.55
4	Koipuram	11.15	17.13
5	Kuttoor	8.59	9.54
6	Nedumpuram	8.61	7.27
7	Niranam	10.21	5.11
8	Peringara	19.35	8.54
9	Thiruvalla Municipality	13.07	13.85
10	Thottappuzhassery	8.04	24.18

1 in 200 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Eraviperoor	14.79	14.28
2	Kadapra	18.31	8.22
3	Kaviyoor	6.08	13.15
4	Koipuram	11.63	17.92
5	Kuttoor	8.67	10.35
6	Nedumpuram	8.61	7.49
7	Niranam	10.24	5.11
8	Peringara	19.38	8.82
9	Thiruvalla Municipality	13.48	13.88
10	Thottappuzhassery	8.23	25.08

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Eraviperoor	15.32	15.16
2	Kadapra	18.50	8.49
3	Kaviyoor	6.24	14.02
4	Koipuram	12.22	18.91
5	Kuttoor	8.78	11.01
6	Nedumpuram	8.61	7.85
7	Niranam	10.25	6.17
8	Peringara	19.45	9.28
9	Thiruvalla Municipality	13.99	13.88
10	Thottappuzhassery	8.39	26.44