ALATHUR TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)

ALATHUR TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)

ALATHUR TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)

ALATHUR TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)

ALATHUR TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)

ALATHUR TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)

PALAKKAD DISTRICT

ALATHUR TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Alathur	0.51	2.86
2	Erimayur	1.89	2.88
3	Kanhirapuzha	0.38	2.2
4	Kannambra	2.28	5.06
5	Kavassery	2.14	5.06
6	Kizhakkencherry	3.15	3.3
7	Kottayi	0.66	3.79
8	Kumaramputhur	0.82	17.56
9	Kuthanur	1.72	2.04
10	Kuzhalmannam	0.32	1.26
11	Mathur	1.14	3.61
12	Melarcode	1.19	2.7
13	Nallepilly	0.55	6.61
14	Peringottukurissi	1.16	3.09
15	Sreekrishnapuram	1.35	7.47
16	Tarur	0.60	3.71
17	Vadakkencheri	1.39	3.6
18	Vandazhy	3.33	4.17

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Alathur	0.53	3.05
2	Erimayur	2.03	2.98
3	Kanhirapuzha	0.39	2.72
4	Kannambra	2.58	5.55
5	Kavassery	2.36	5.55
6	Kizhakkencherry	3.34	3.9
7	Kottayi	0.73	4.49
8	Kumaramputhur	0.97	17.74
9	Kuthanur	1.78	2.67
10	Kuzhalmannam	0.39	1.42
11	Mathur	1.40	4.16
12	Melarcode	1.31	2.87
13	Nallepilly	0.59	7.03
14	Peringottukurissi	1.33	3.6
15	Sreekrishnapuram	1.52	8.78
16	Tarur	0.69	4.28
17	Vadakkencheri	1.69	4.16
18	Vandazhy	3.46	4.26

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Alathur	0.55	3.09
2	Erimayur	2.33	3.06
3	Kanhirapuzha	0.39	2.82
4	Kannambra	2.85	6.34
5	Kavassery	2.43	6.34
6	Kizhakkencherry	3.45	4.3
7	Kottayi	0.90	5.09
8	Kumaramputhur	1.09	17.84
9	Kuthanur	1.82	2.98
10	Kuzhalmannam	0.65	2.2
11	Mathur	1.64	4.93
12	Melarcode	1.41	2.96
13	Nallepilly	0.63	7.22
14	Peringottukurissi	1.69	4.02
15	Sreekrishnapuram	1.71	9.82
16	Tarur	0.72	4.64
17	Vadakkencheri	1.81	5.12
18	Vandazhy	3.59	4.37

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Alathur	0.56	3.15
2	Erimayur	2.46	3.15
3	Kanhirapuzha	0.40	2.92
4	Kannambra	2.96	6.54
5	Kavassery	2.52	6.54
6	Kizhakkencherry	3.52	4.7
7	Kottayi	1.05	5.49
8	Kumaramputhur	1.15	17.96
9	Kuthanur	1.91	2.98
10	Kuzhalmannam	0.65	2.2
11	Mathur	1.83	5.21
12	Melarcode	1.51	3.06
13	Nallepilly	0.66	7.41
14	Peringottukurissi	1.88	4.32
15	Sreekrishnapuram	1.92	10.51
16	Tarur	0.75	5.01
17	Vadakkencheri	1.92	5.34
18	Vandazhy	3.70	4.7

1 in 200 YEAR (Historic)

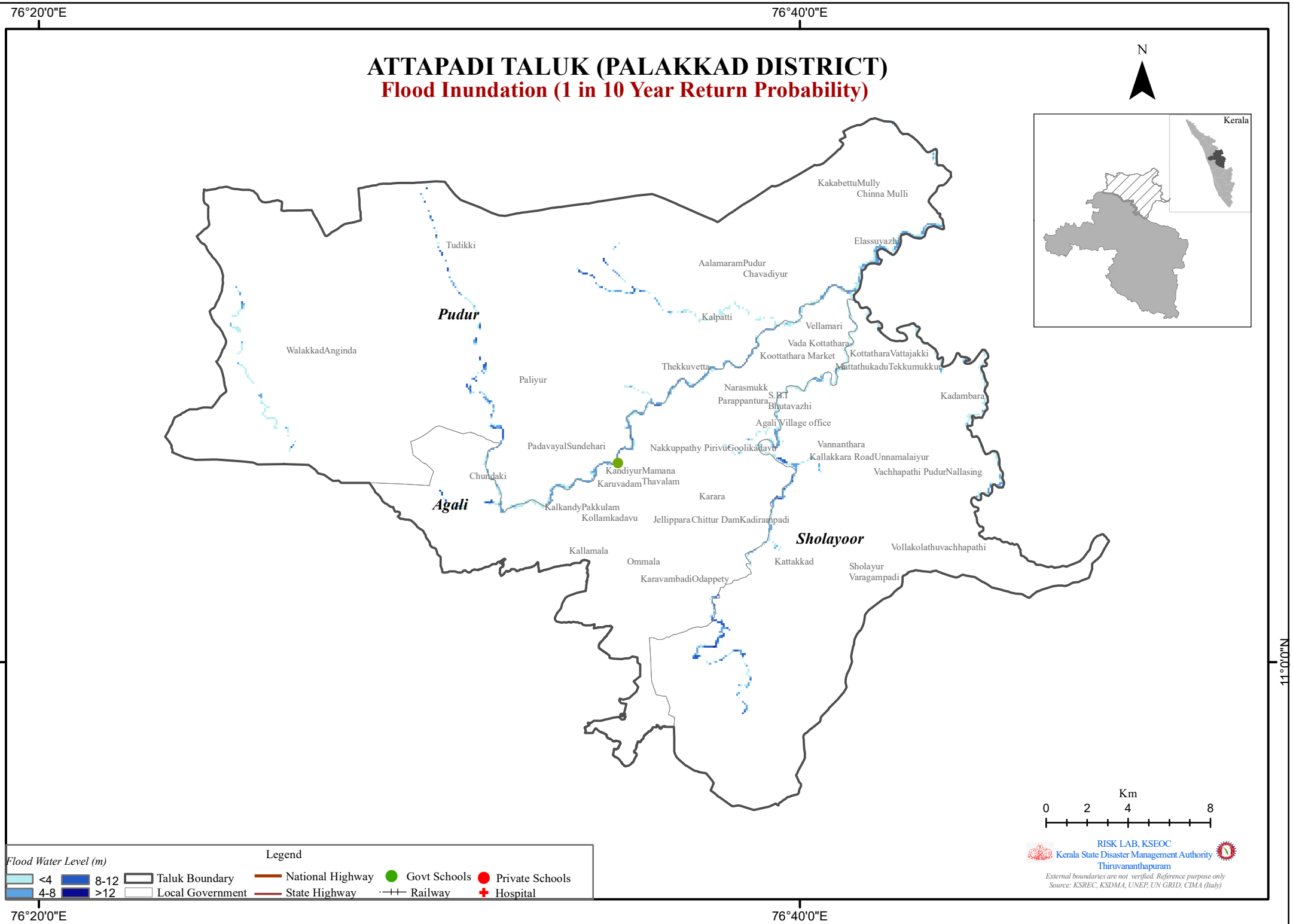
Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Alathur	0.56	3.2
2	Erimayur	2.52	3.24
3	Kanhirapuzha	0.41	3.02
4	Kannambra	3.08	6.78
5	Kavassery	2.72	6.78
6	Kizhakkencherry	3.72	5.1
7	Kottayi	1.10	5.49
8	Kumaramputhur	1.25	18.06
9	Kuthanur	1.94	3.02
10	Kuzhalmannam	0.66	2.22
11	Mathur	1.93	5.47
12	Melarcode	1.57	3.35
13	Nallepilly	0.69	7.6
14	Peringottukurissi	1.92	4.32
15	Sreekrishnapuram	2.15	11.4
16	Tarur	0.80	5.28
17	Vadakkencheri	2.02	5.55
18	Vandazhy	3.81	5.1

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Alathur	0.57	3.2
2	Erimayur	2.61	3.3
3	Kanhirapuzha	0.41	3.12
4	Kannambra	3.25	6.81
5	Kavassery	2.93	6.81
6	Kizhakkencherry	3.89	5.1
7	Kottayi	1.15	5.49
8	Kumaramputhur	1.35	18.16
9	Kuthanur	2.02	3.02
10	Kuzhalmannam	0.68	2.22
11	Mathur	2.14	5.93
12	Melarcode	1.66	3.44
13	Nallepilly	0.72	7.7
14	Peringottukurissi	1.99	4.32
15	Sreekrishnapuram	2.35	12.7
16	Tarur	0.80	5.28
17	Vadakkencheri	2.06	5.67
18	Vandazhy	3.94	5.1

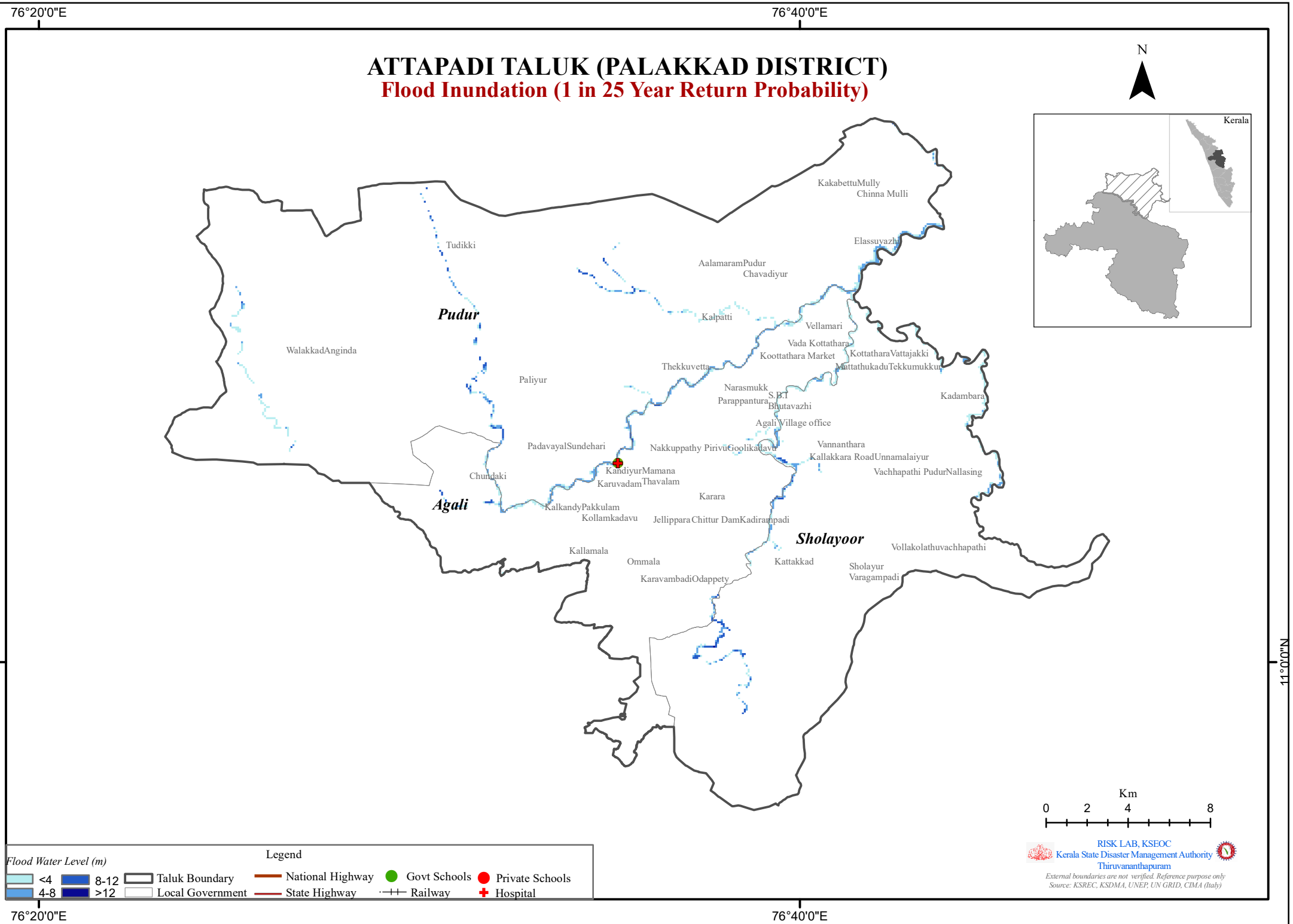
ATTAPADI TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)



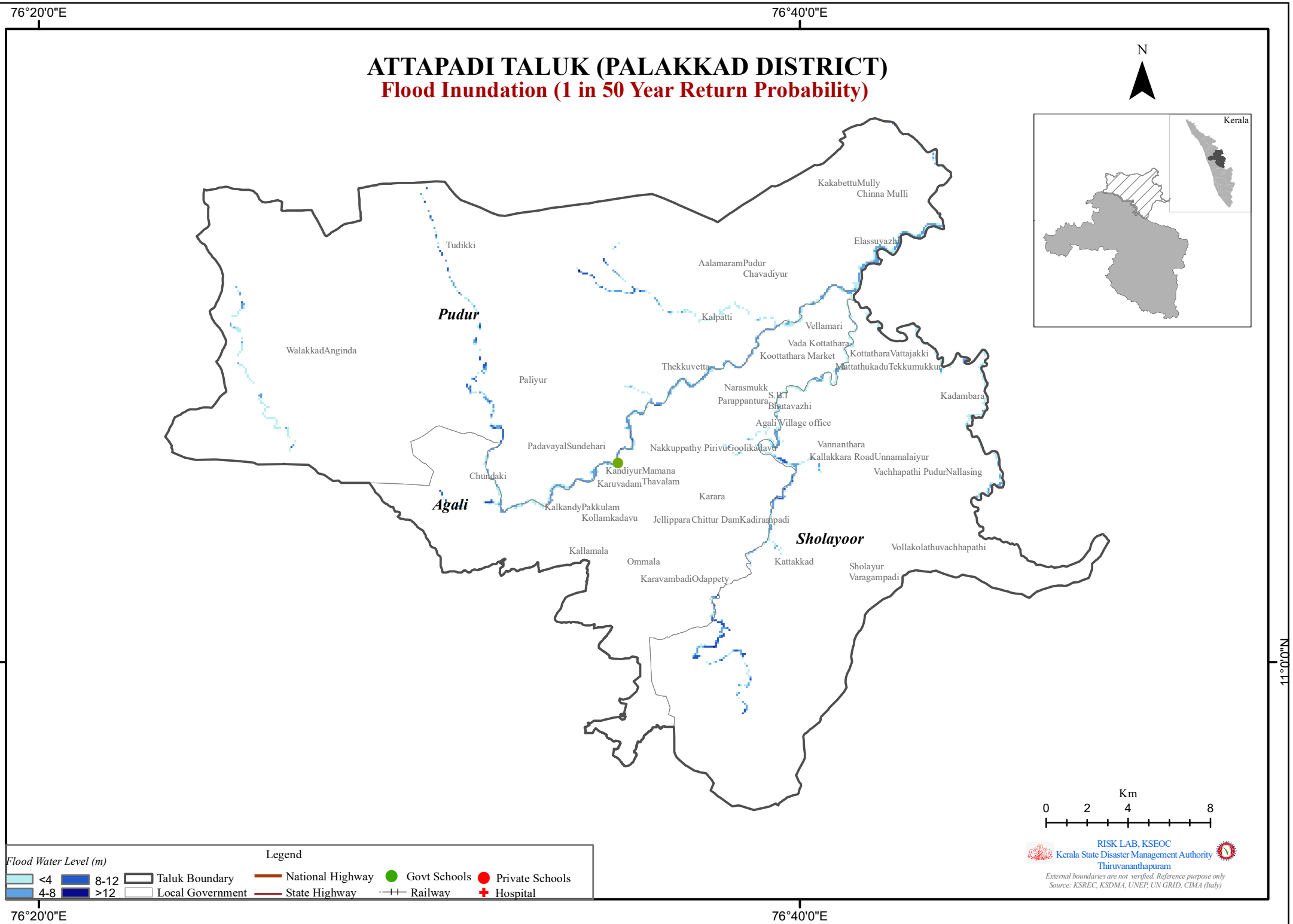
ATTAPADI TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)



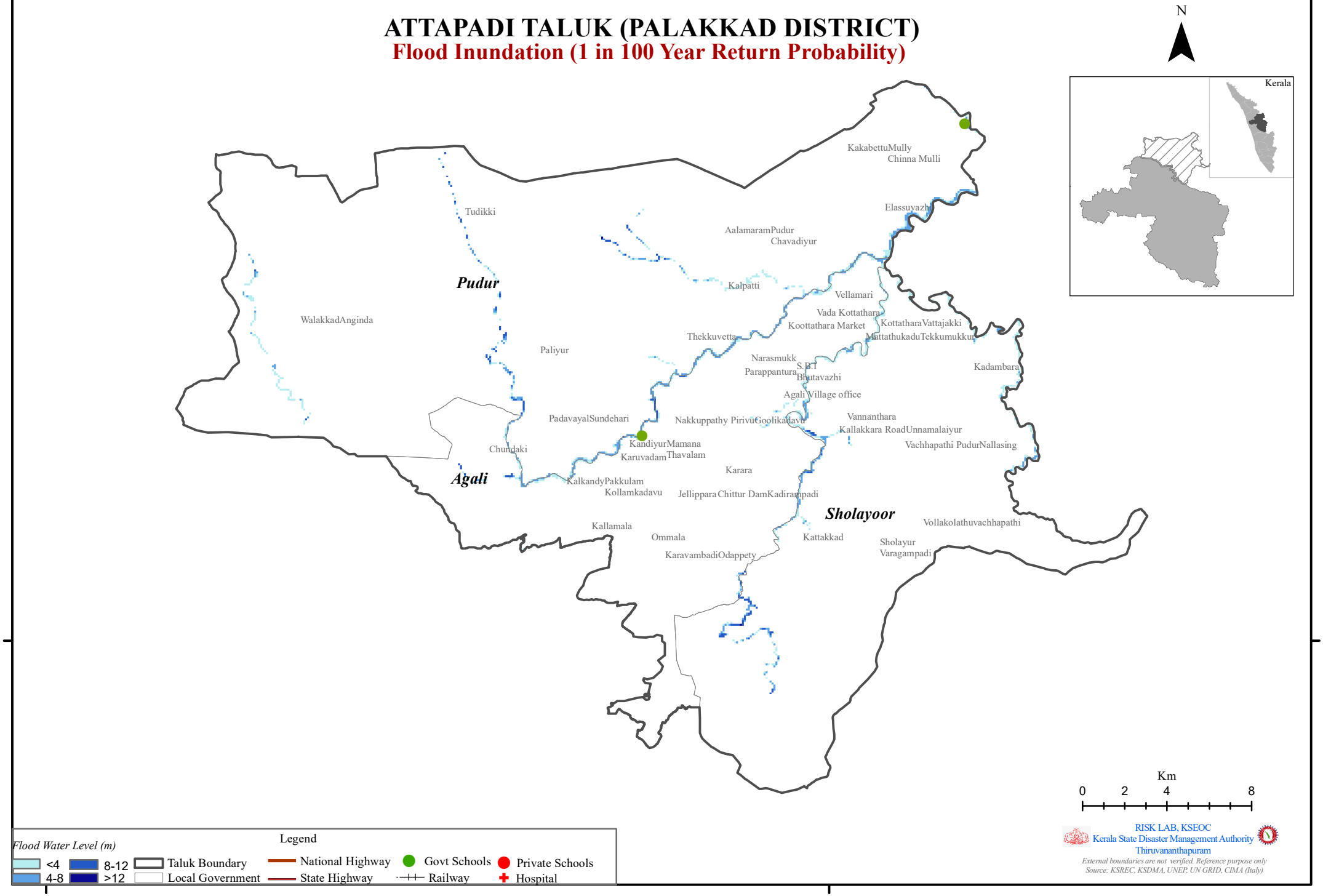
ATTAPADI TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)



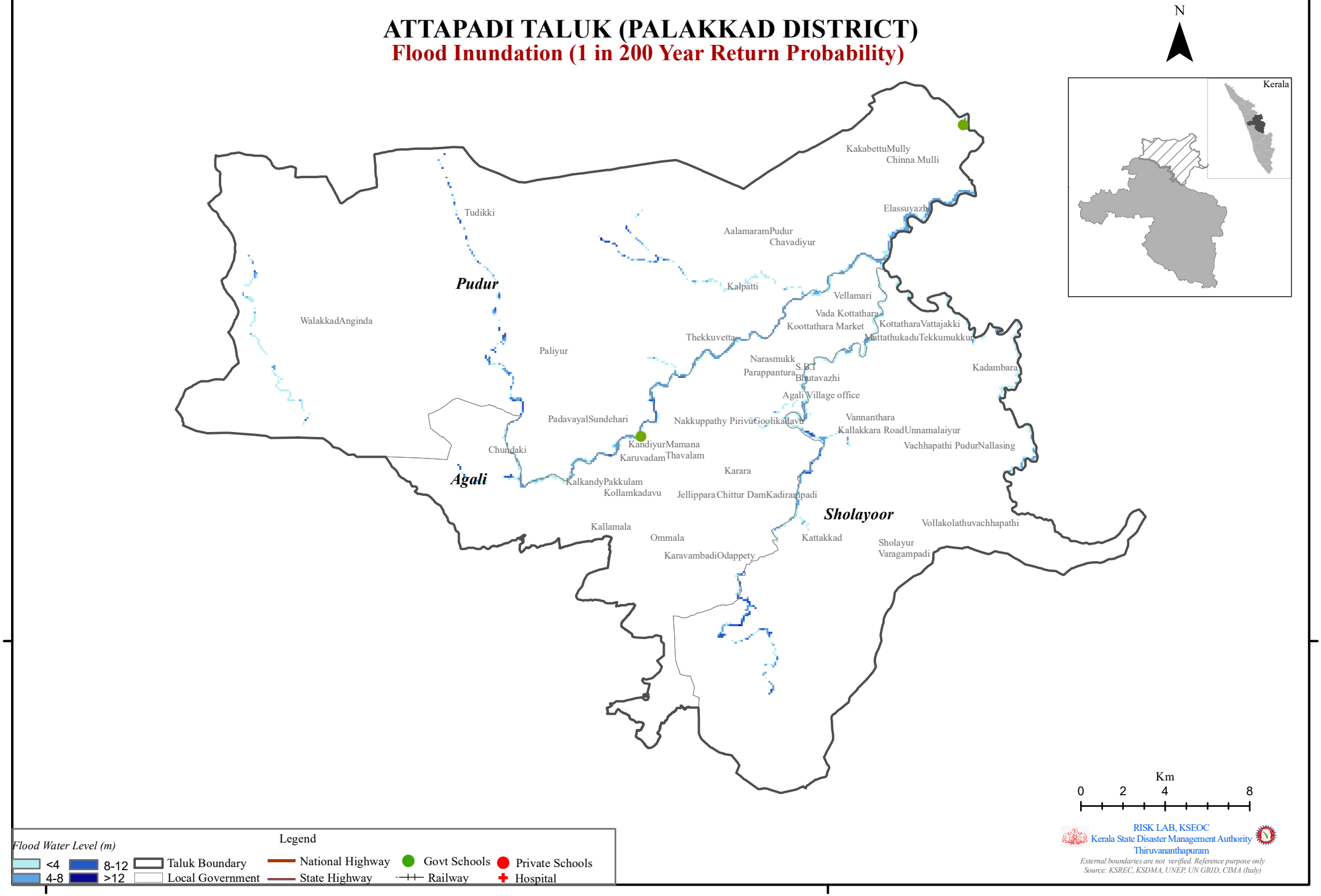
ATTAPADI TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)



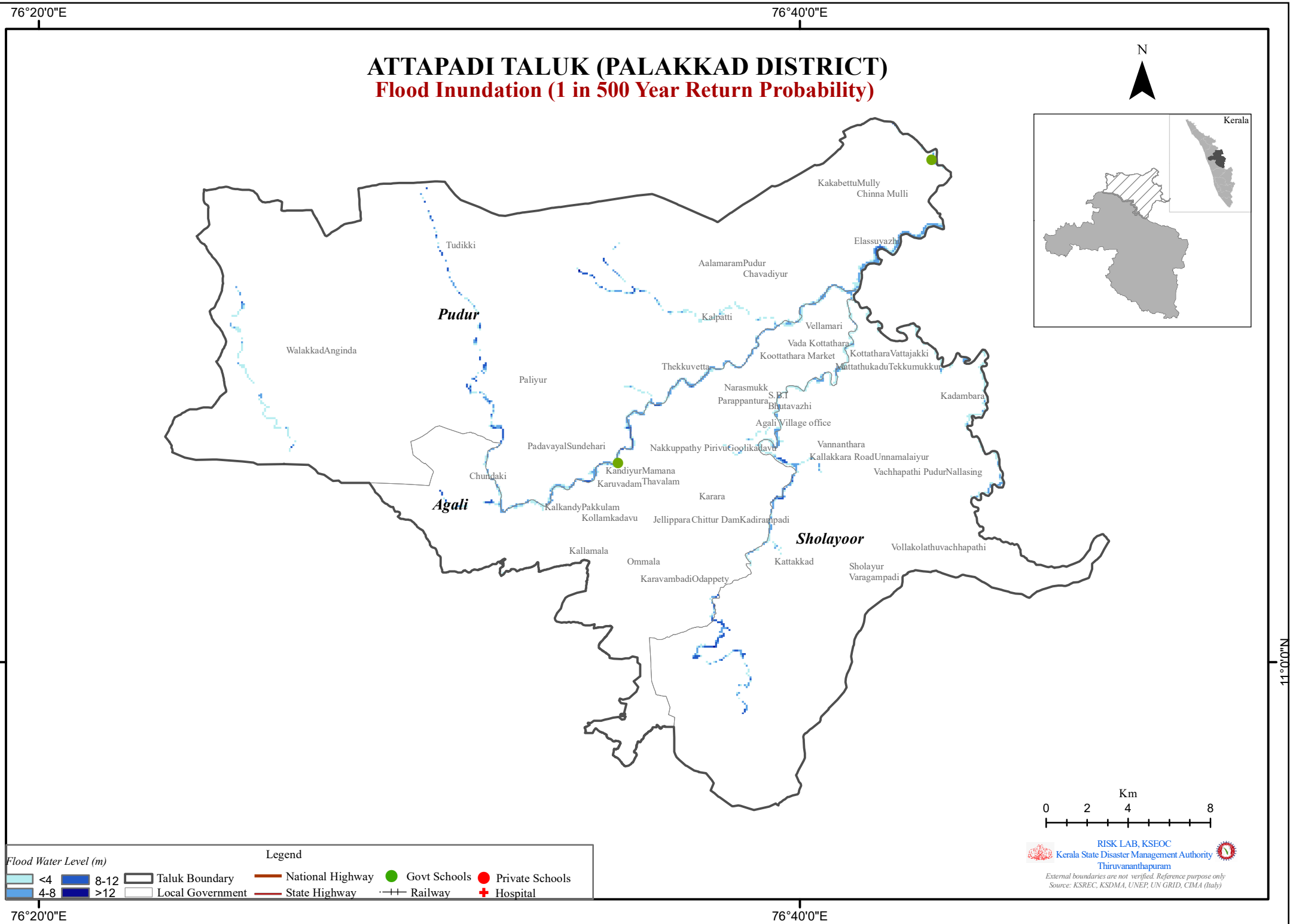
ATTAPADI TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)



ATTAPADI TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)



PALAKKAD DISTRICT						
ATTAPADI 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
Agali						
School						
St.Peters C. H .S Kookkampalayam	✓	✓	✓	✓	✓	✓

PALAKKAD DISTRICT

ATTAPADI TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Agali	4.08	18.57
2	Kanhirapuzha	1.94	4.31
3	Pudur	6.84	22.12
4	Sholayoor	4.42	22.86

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Agali	4.35	18.67
2	Kanhirapuzha	0.01	7.08
3	Pudur	7.28	22.12
4	Sholayoor	4.53	22.87

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Agali	4.60	18.67
2	Kanhirapuzha	0.01	7.08
3	Pudur	7.47	22.12
4	Sholayoor	4.63	22.92

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Agali	4.83	18.73
2	Kanhirapuzha	0.01	7.1
3	Pudur	7.67	22.12
4	Sholayoor	4.66	22.95

1 in 200 YEAR (Historic)

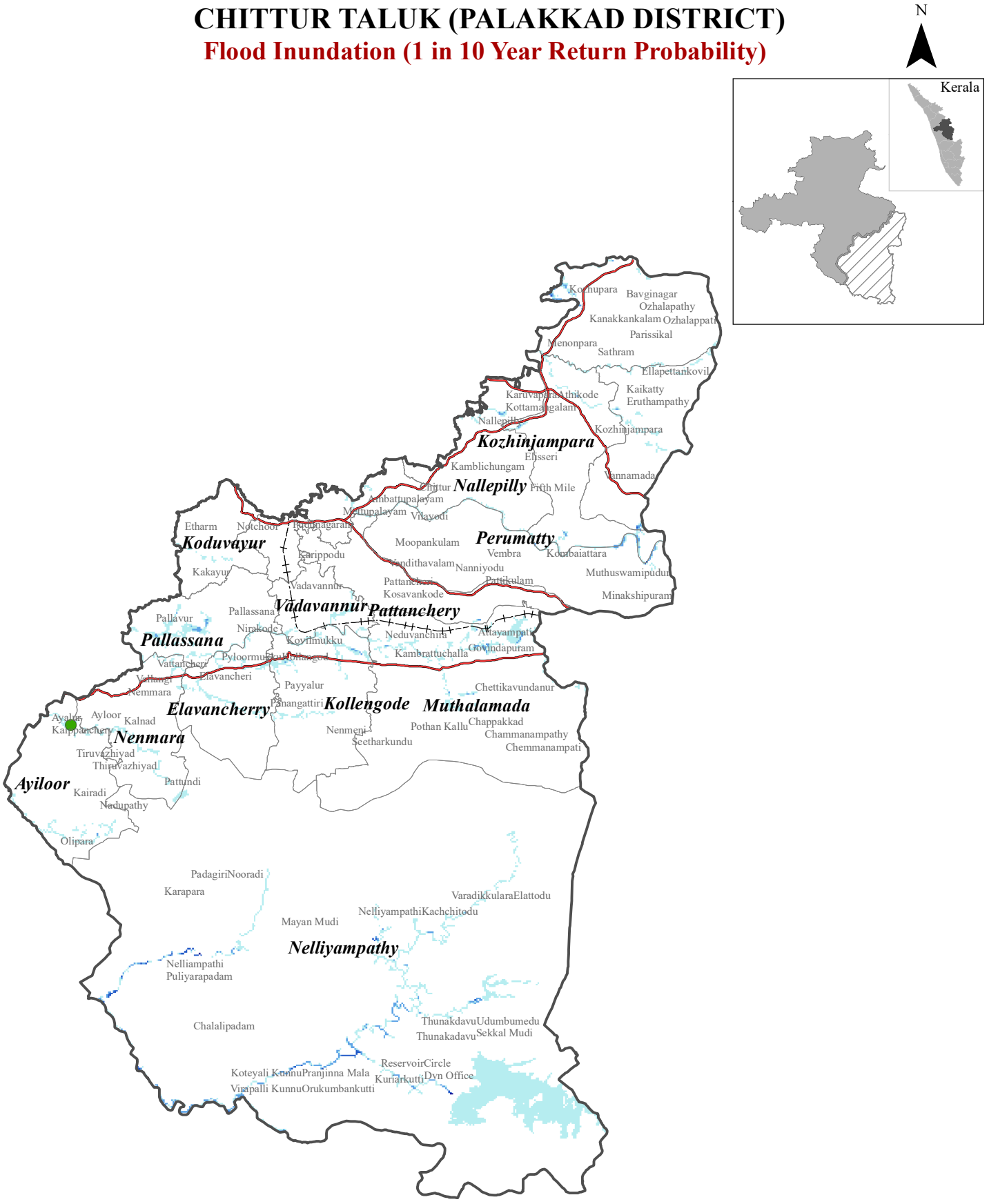
Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Agali	5.07	18.78
2	Kanhirapuzha	0.01	7.1
3	Pudur	7.87	22.12
4	Sholayoor	4.71	22.98

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Agali	5.31	18.83
2	Kanhirapuzha	0.01	7.11
3	Pudur	8.09	22.13
4	Sholayoor	4.84	23.04

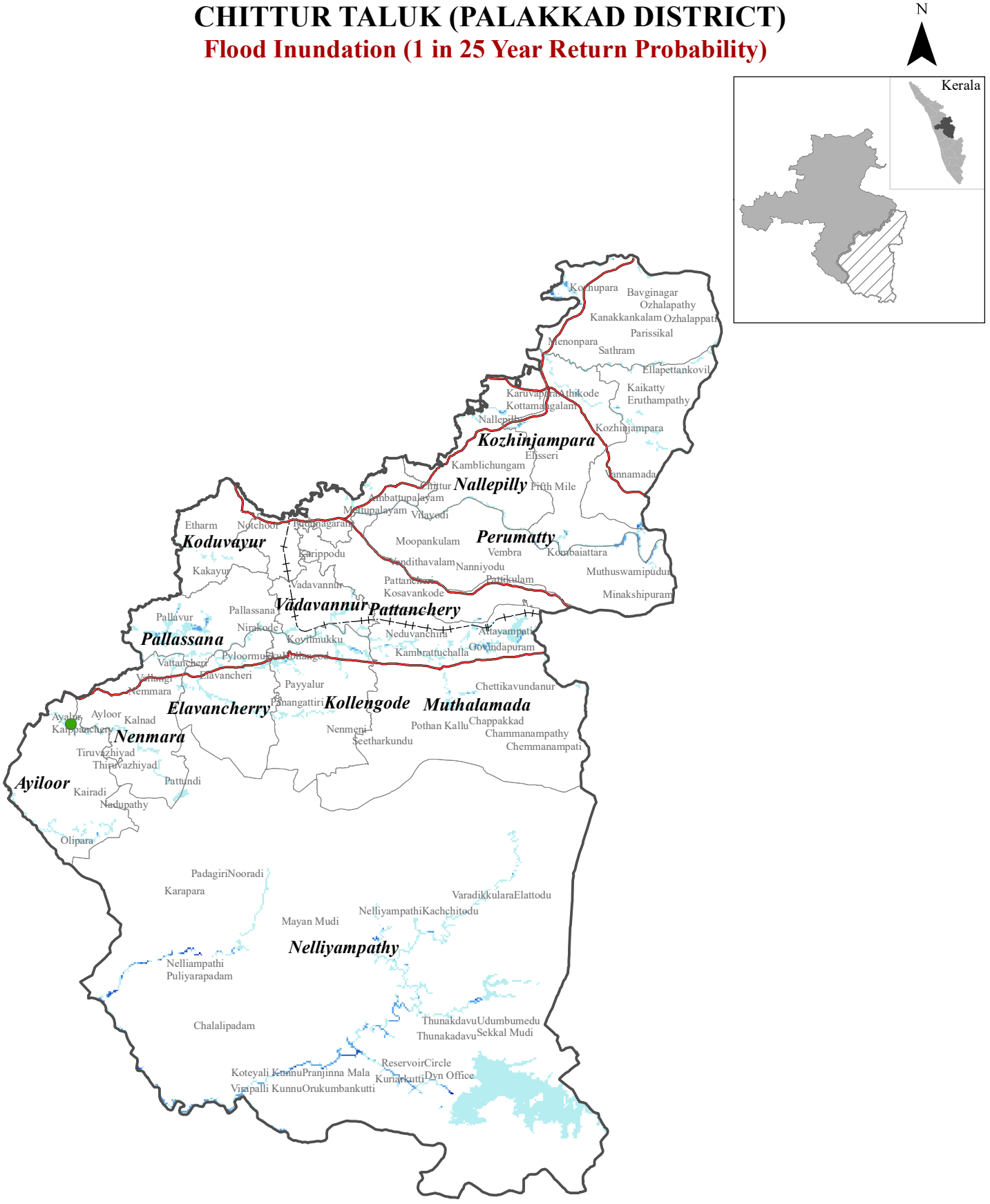
CHITTUR TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)



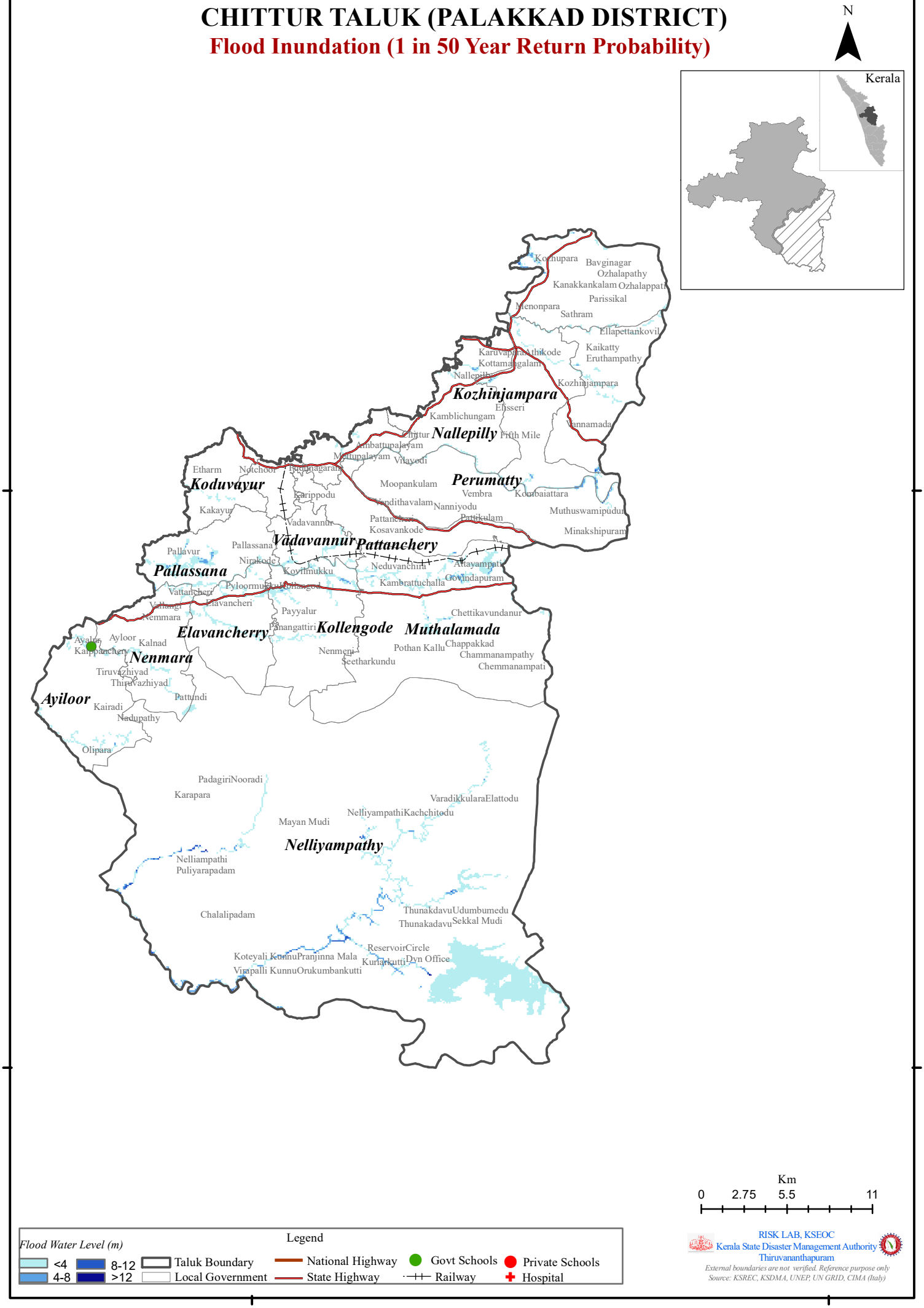
CHITTUR TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)



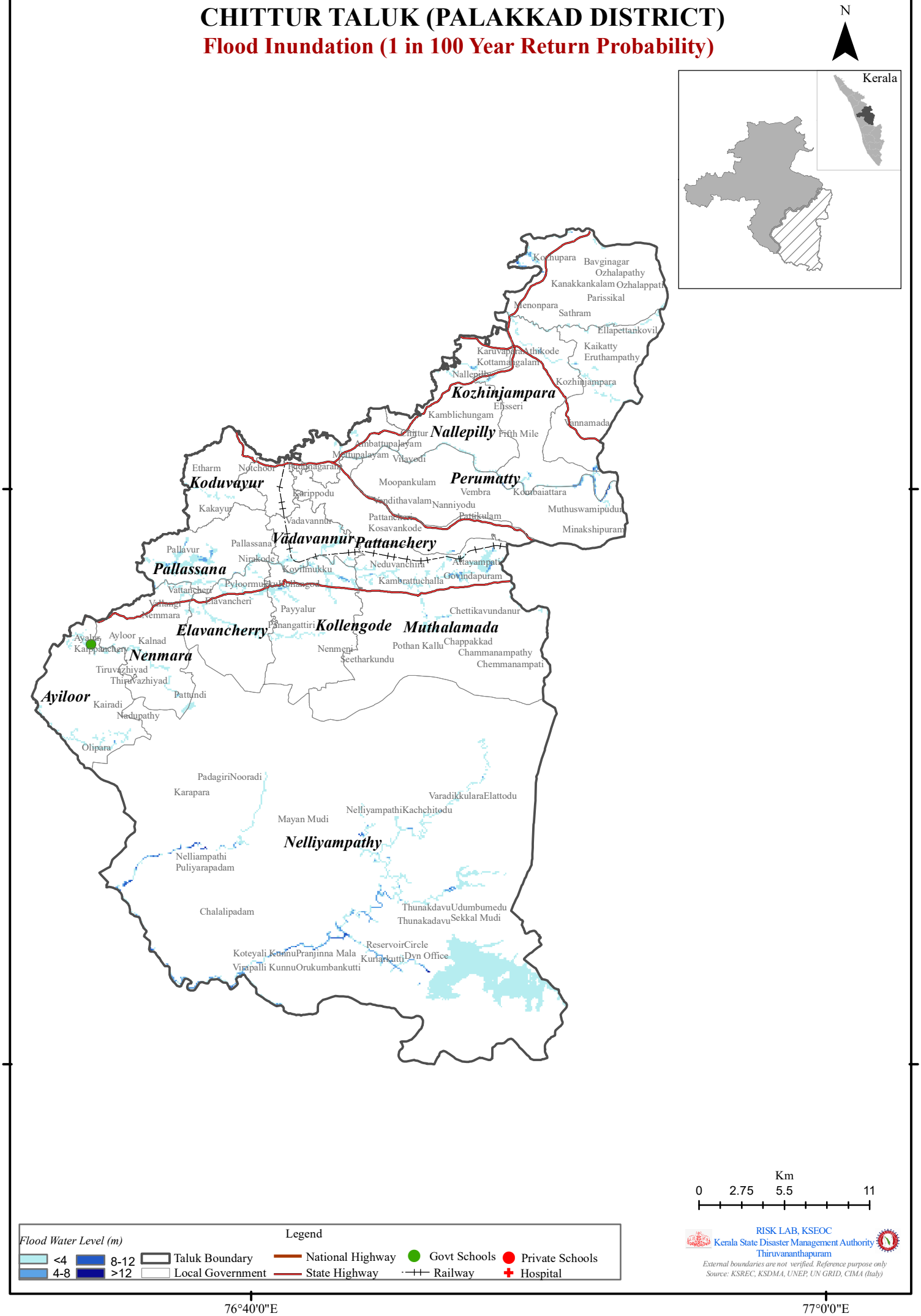
CHITTUR TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)



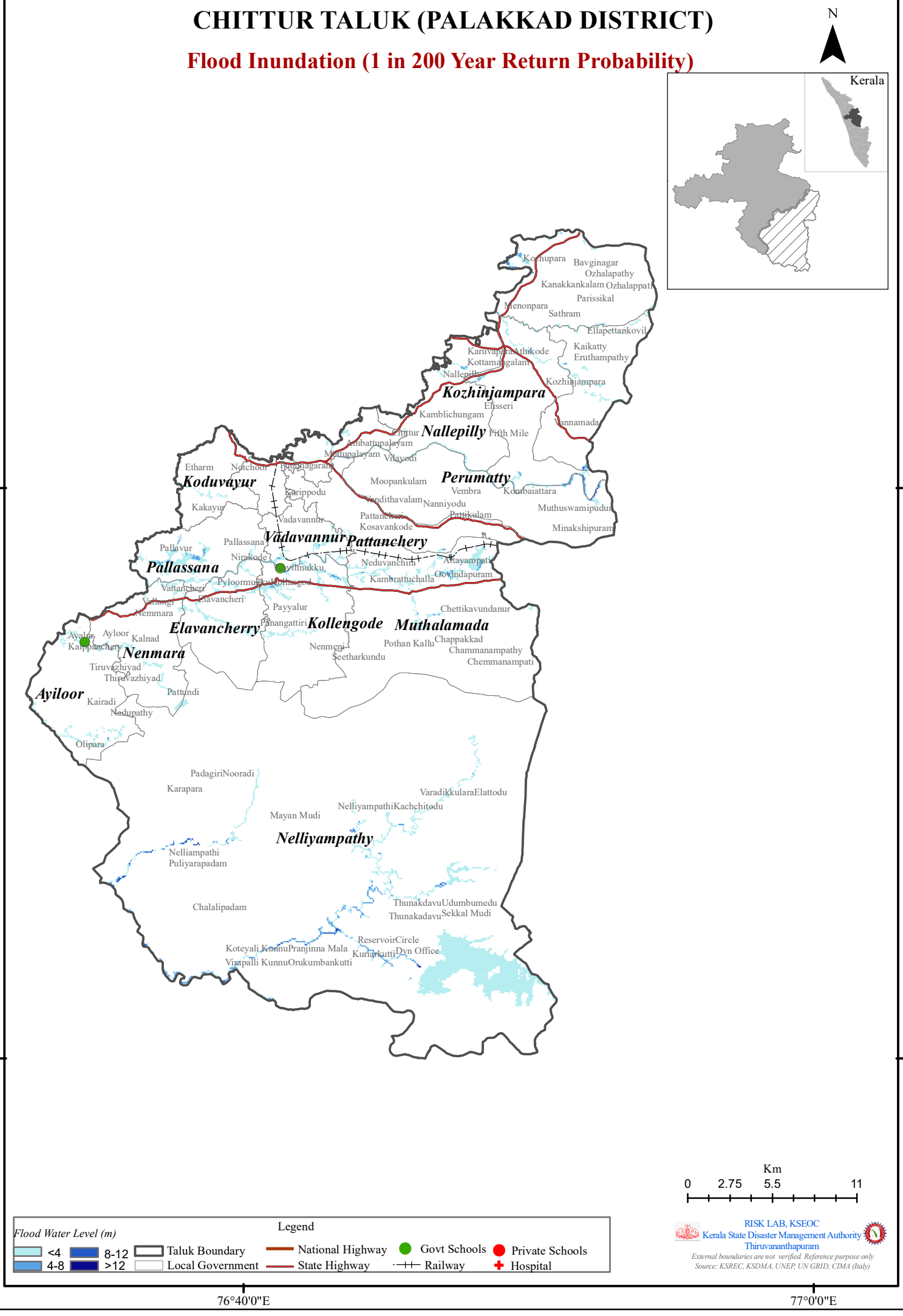
CHITTUR TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)



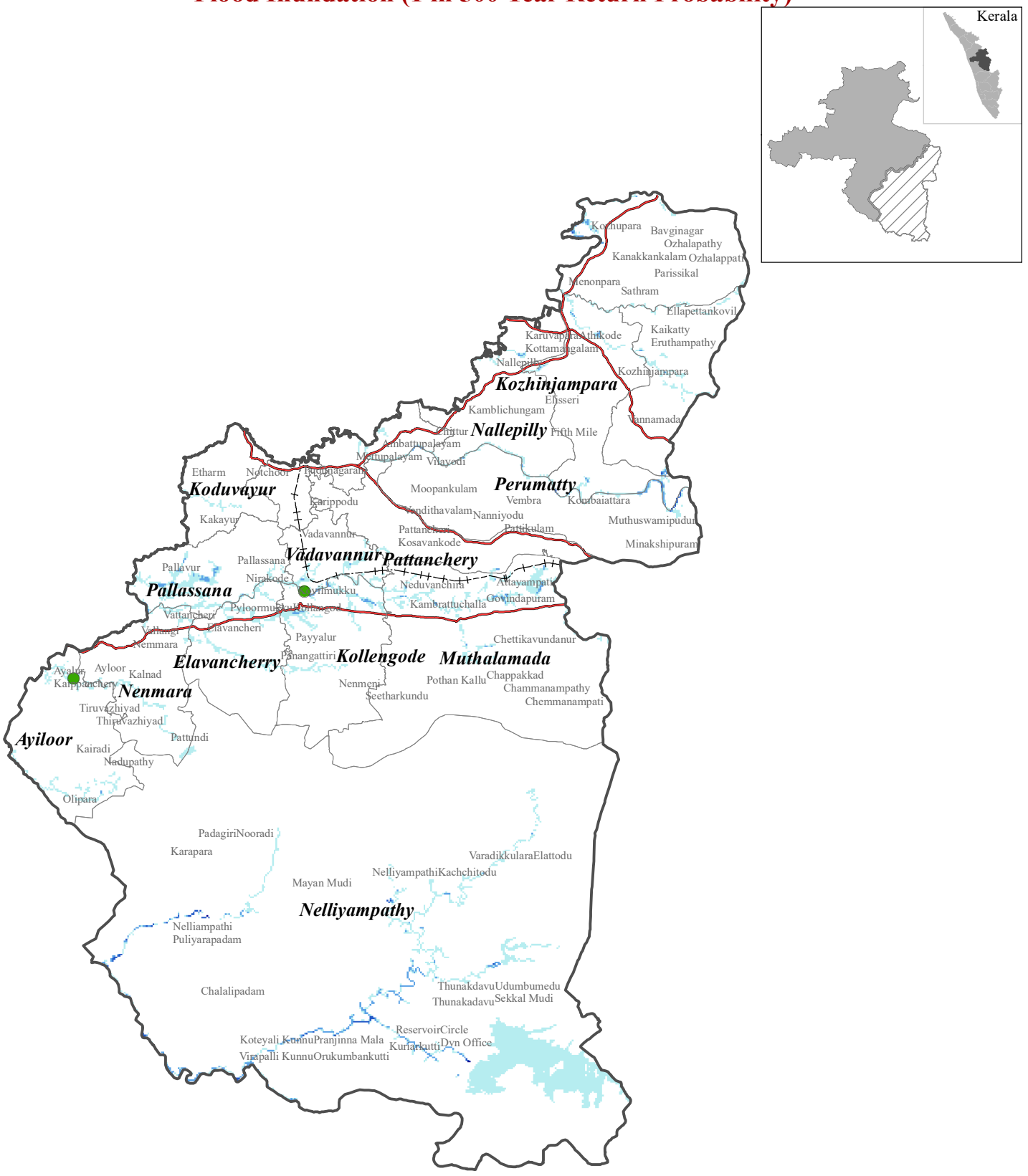
CHITTUR TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)



CHITTUR TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)



PALAKKAD DISTRICT						
CHITTUR 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
Ayiloor						
School						
G. U. P. S. Ayalur	✓	✓	✓	✓	✓	✓
Vadavannur						
School						
A. U. P. S. Alampallam					✓	✓

PALAKKAD DISTRICT

CHITTUR TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ayiloor	1.10	3.22
2	Chittur Tattamangalam Municipality	0.89	4.61
3	Elavancherry	2.28	2.66
4	Eruthenpathy	1.52	7.5
5	Kanhirapuzha	0.05	10.6
6	Koduvayur	0.35	1.17
7	Kollengode	2.83	3.65
8	Kozhinjampara	2.01	10.62
9	Muthalamada	4.48	4.47
10	Nallepilly	0.38	4.05
11	Nelliyampathy	28.14	27.64
12	Nenmara	1.59	2.42
13	Pattambi Municipality	1.48	9.97
14	Pattanchery	0.09	2.97
15	Peringottukurissi	1.28	5.37
16	Perumatty	1.40	10.62
17	Puducode	2.03	3.88
18	Tachampara	0.51	6.58
19	Thachanattukara	0.28	7.2
20	Thenkara	1.06	14.84
21	Thirumittacode	0.02	5.57
22	Vadakarapathy	1.55	10.86
23	Vadavannur	1.25	2.84

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ayiloor	1.18	3.47
2	Chittur Tattamangalam Municipality	0.97	5.45
3	Elavancherry	2.51	2.91
4	Eruthenpathy	1.62	7.52
5	Kanhirapuzha	0.05	10.71
6	Koduvayur	0.36	1.17
7	Kollengode	3.02	3.74
8	Kozhinjampara	2.14	10.94
9	Muthalamada	4.63	4.52
10	Nallepilly	0.38	4.05
11	Nelliyampathy	28.64	27.65
12	Nenmara	1.61	2.44
13	Pattambi Municipality	1.72	10.86
14	Pattanchery	0.10	3.2
15	Peringottukurissi	1.43	5.96
16	Perumatty	1.56	10.94
17	Puducode	2.24	3.98
18	Tachampara	0.51	6.73
19	Thachanattukara	0.31	8.3
20	Thenkara	1.17	15.14
21	Thirumittacode	0.02	6.09
22	Vadakarapathy	1.64	10.87
23	Vadavannur	1.46	3

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ayiloor	1.23	3.53
2	Chittur Tattamangalam Municipality	1.01	5.77
3	Elavancherry	2.62	3.03
4	Eruthenpathy	1.65	7.54
5	Kanhirapuzha	0.05	10.71
6	Koduvayur	0.36	1.27
7	Kollengode	3.21	4.93
8	Kozhinjampara	2.20	11.34
9	Muthalamada	4.75	4.7
10	Nallepilly	0.38	4.05
11	Nelliyampathy	28.88	27.65
12	Nenmara	1.66	2.44
13	Pattambi Municipality	1.87	11.36
14	Pattanchery	0.10	3.37
15	Peringottukurissi	1.46	6.31
16	Perumatty	1.64	11.34
17	Puducode	2.35	4.08
18	Tachampara	0.52	6.81
19	Thachanattukara	0.34	8.9
20	Thenkara	1.23	15.3
21	Thirumittacode	0.03	6.54
22	Vadakarapathy	1.68	10.88
23	Vadavannur	1.58	3.09

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ayiloor	1.28	3.54
2	Chittur Tattamangalam Municipality	1.09	5.79
3	Elavancherry	2.75	3.21
4	Eruthenpathy	1.69	7.54
5	Kanhirapuzha	0.05	10.8
6	Koduvayur	0.37	1.33
7	Kollengode	3.35	5.03
8	Kozhinjampara	2.29	11.4
9	Muthalamada	4.84	5.03
10	Nallepilly	0.38	4.05
11	Nelliyampathy	29.12	27.67
12	Nenmara	1.70	2.53
13	Pattambi Municipality	2.08	11.57
14	Pattanchery	0.10	3.45
15	Peringottukurissi	1.56	6.73
16	Perumatty	1.76	11.4
17	Puducode	2.44	4.36
18	Tachampara	0.54	6.9
19	Thachanattukara	0.37	9.8
20	Thenkara	1.37	15.44
21	Thirumittacode	0.06	7.01
22	Vadakarapathy	1.69	10.88
23	Vadavannur	1.69	3.18

1 in 200 YEAR (Historic)

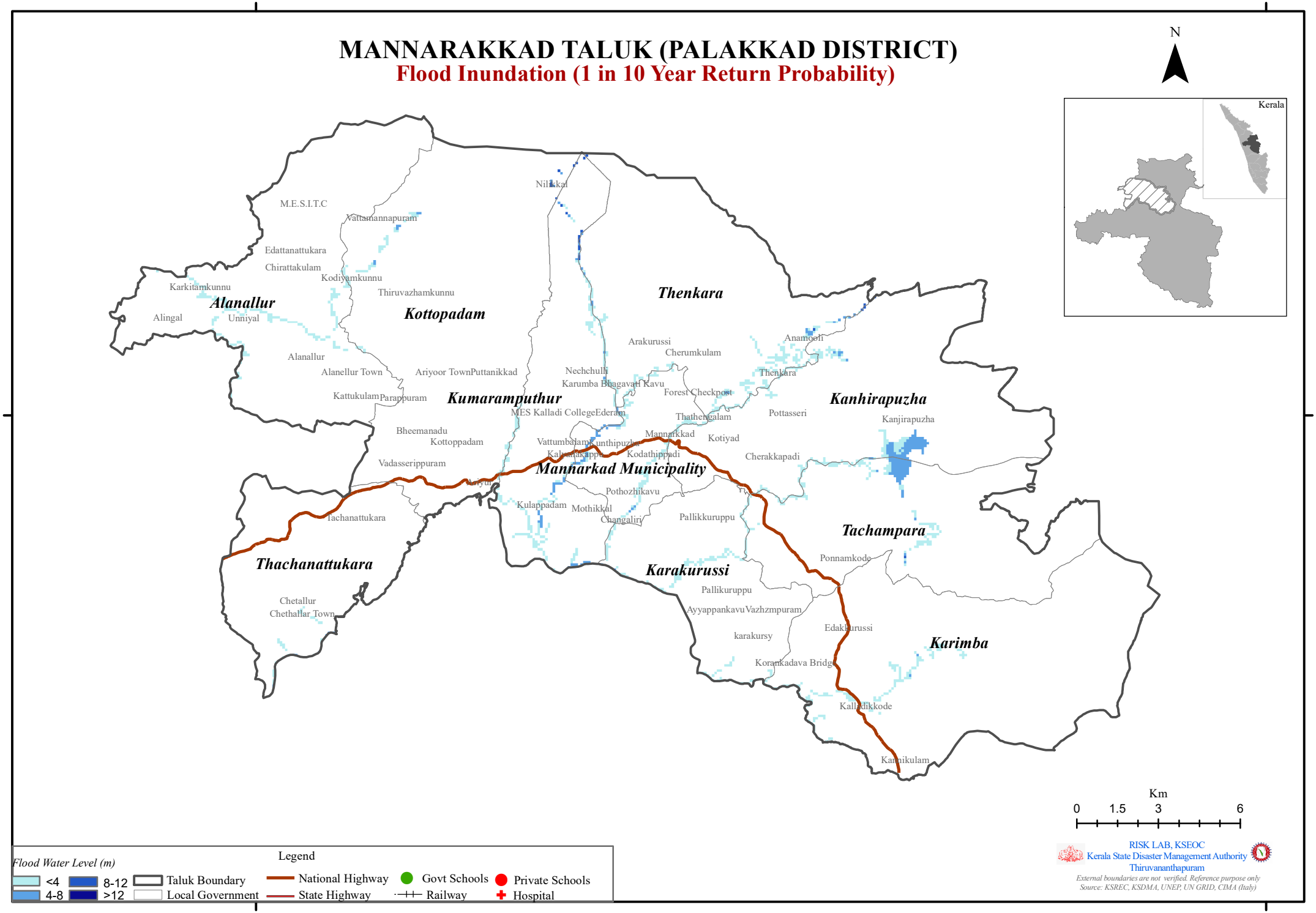
Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ayiloor	1.31	3.59
2	Chittur Tattamangalam Municipality	1.17	5.8
3	Elavancherry	2.85	3.33
4	Eruthenpathy	1.72	7.55
5	Kanhirapuzha	0.06	10.81
6	Koduvayur	0.37	1.33
7	Kollengode	3.46	5.13
8	Kozhinjampara	2.36	11.41
9	Muthalamada	4.98	5.46
10	Nallepilly	0.38	4.05
11	Nelliyampathy	29.61	27.67
12	Nenmara	1.73	2.6
13	Pattambi Municipality	2.15	11.86
14	Pattanchery	0.10	3.59
15	Peringottukurissi	1.67	6.91
16	Perumatty	1.79	11.41
17	Puducode	2.54	4.54
18	Tachampara	0.55	6.98
19	Thachanattukara	0.39	10.4
20	Thenkara	1.44	15.6
21	Thirumittacode	0.06	7.23
22	Vadakarapathy	1.89	10.89
23	Vadavannur	1.77	3.38

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ayiloor	1.34	3.64
2	Chittur Tattamangalam Municipality	1.18	5.9
3	Elavancherry	2.98	3.5
4	Eruthenpathy	1.75	7.57
5	Kanhirapuzha	0.06	10.91
6	Koduvayur	0.39	1.33
7	Kollengode	3.75	5.24
8	Kozhinjampara	2.37	11.41
9	Muthalamada	5.13	5.8
10	Nallepilly	0.38	4.05
11	Nelliyampathy	29.92	27.68
12	Nenmara	1.78	2.79
13	Pattambi Municipality	2.22	12.07
14	Pattanchery	0.11	3.75
15	Peringottukurissi	1.70	6.94
16	Perumatty	1.84	11.41
17	Puducode	2.73	4.82
18	Tachampara	0.56	7.06
19	Thachanattukara	0.46	10.9
20	Thenkara	1.55	15.8
21	Thirumittacode	0.06	7.5
22	Vadakarapathy	1.89	10.89
23	Vadavannur	1.98	3.76

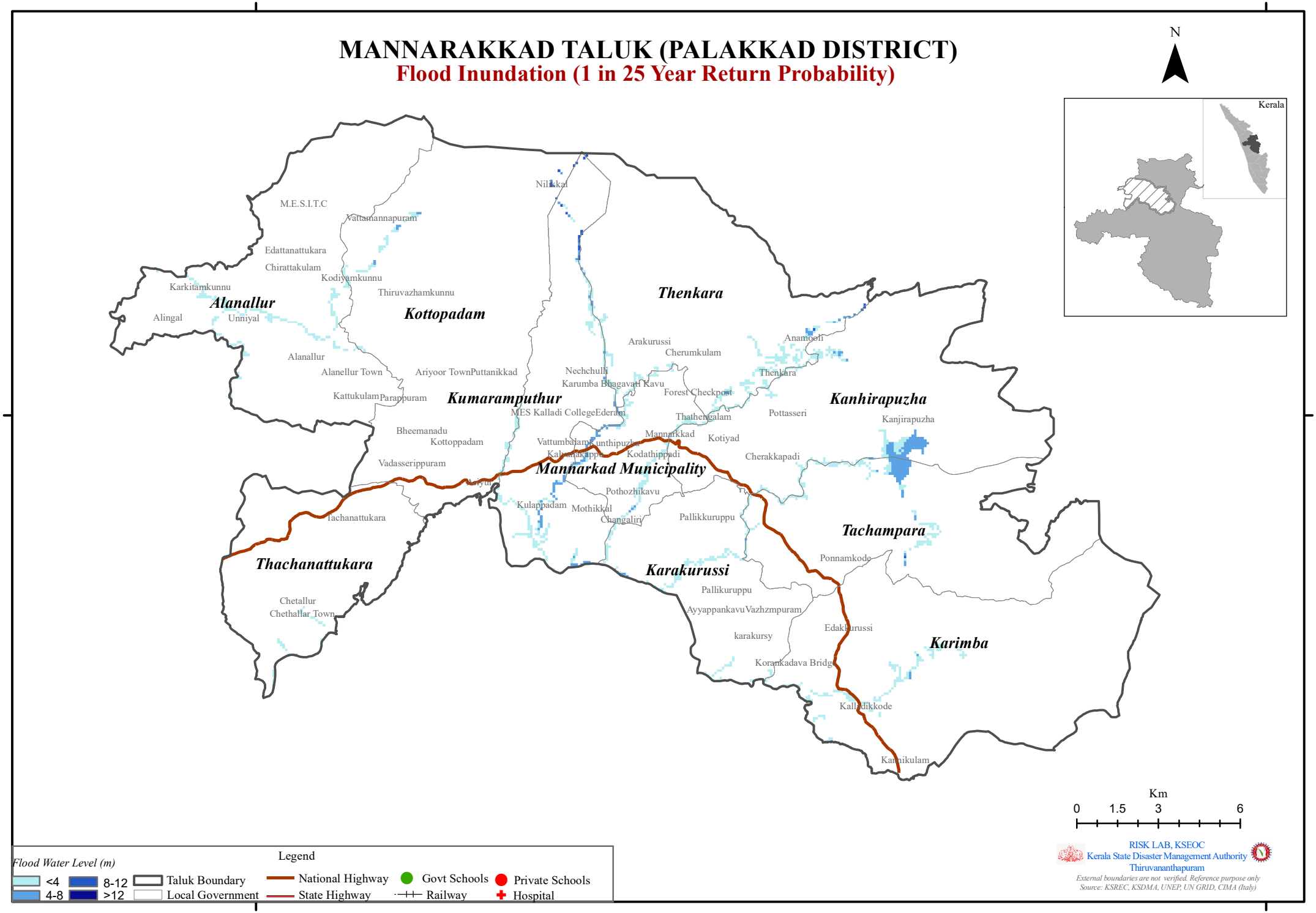
MANNARAKKAD TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)



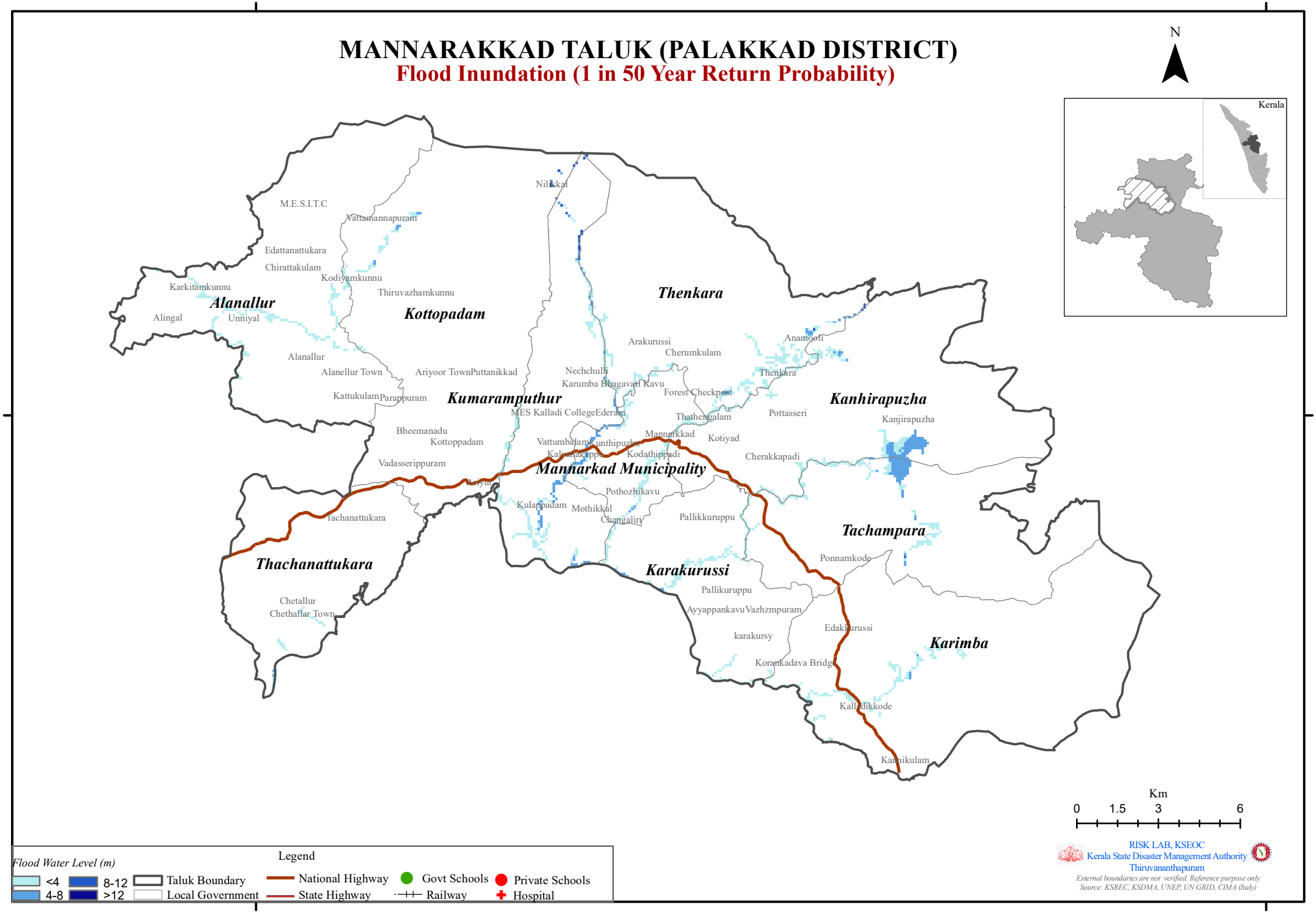
MANNARAKKAD TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)



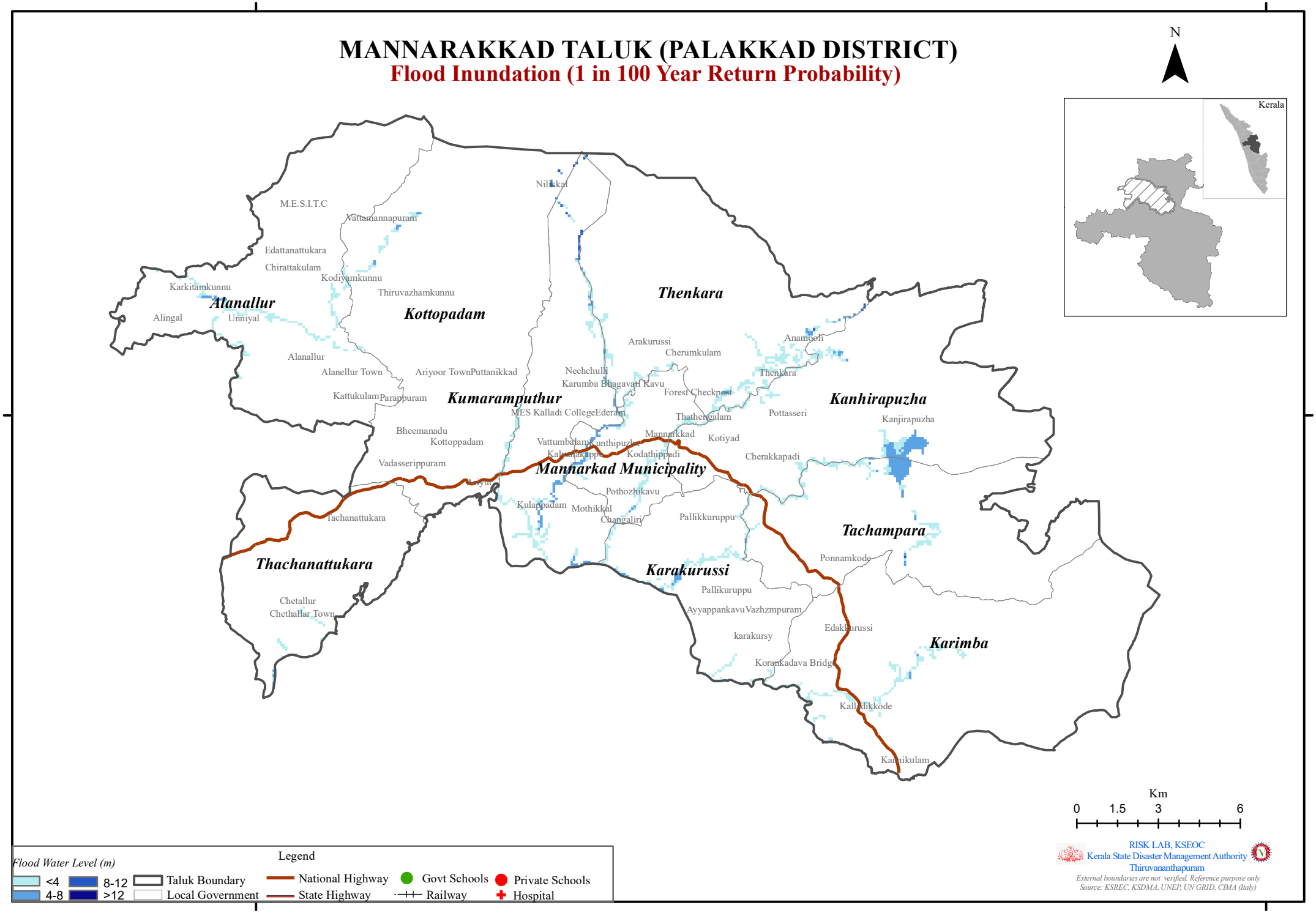
MANNARAKKAD TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)



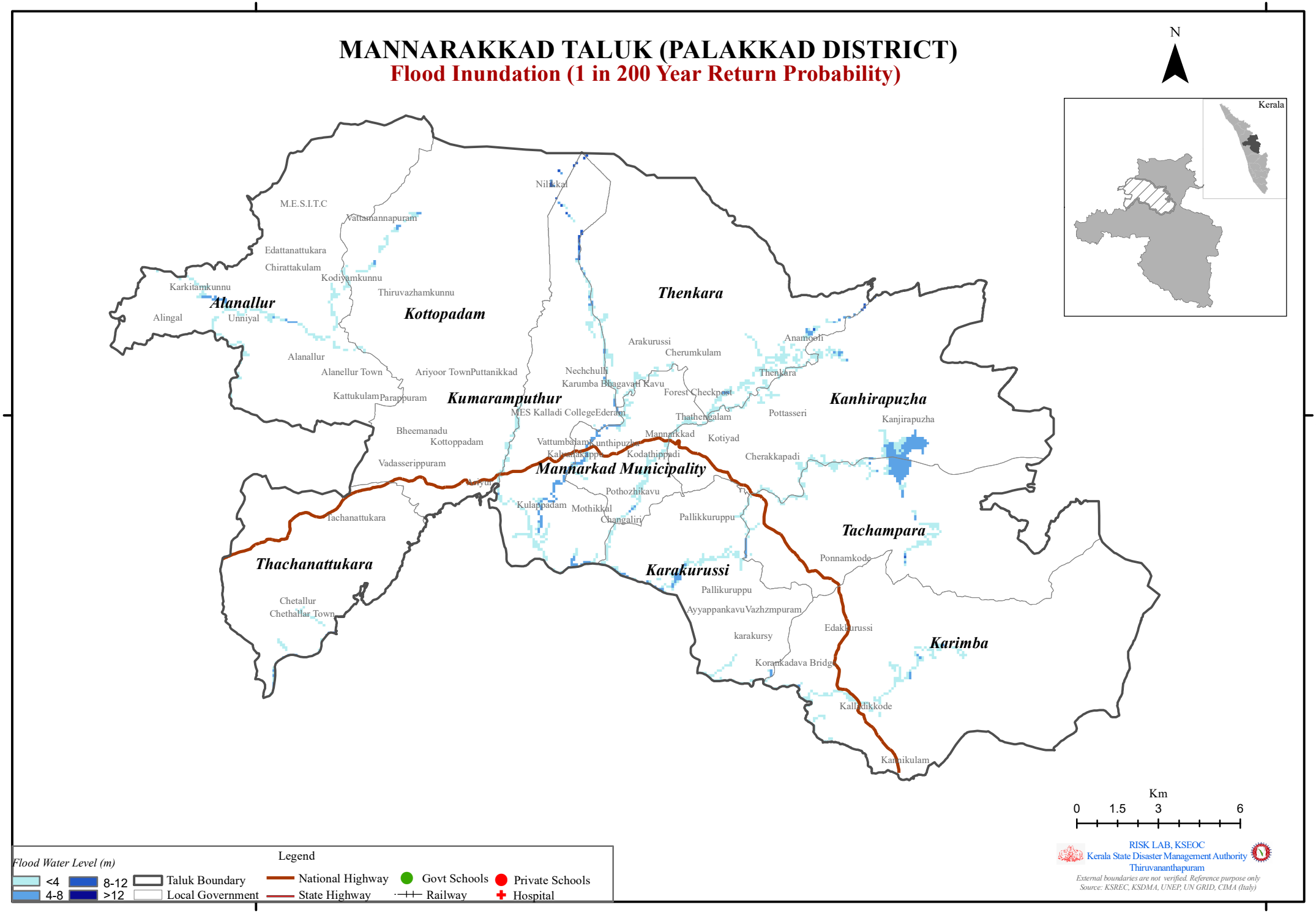
MANNARAKKAD TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)



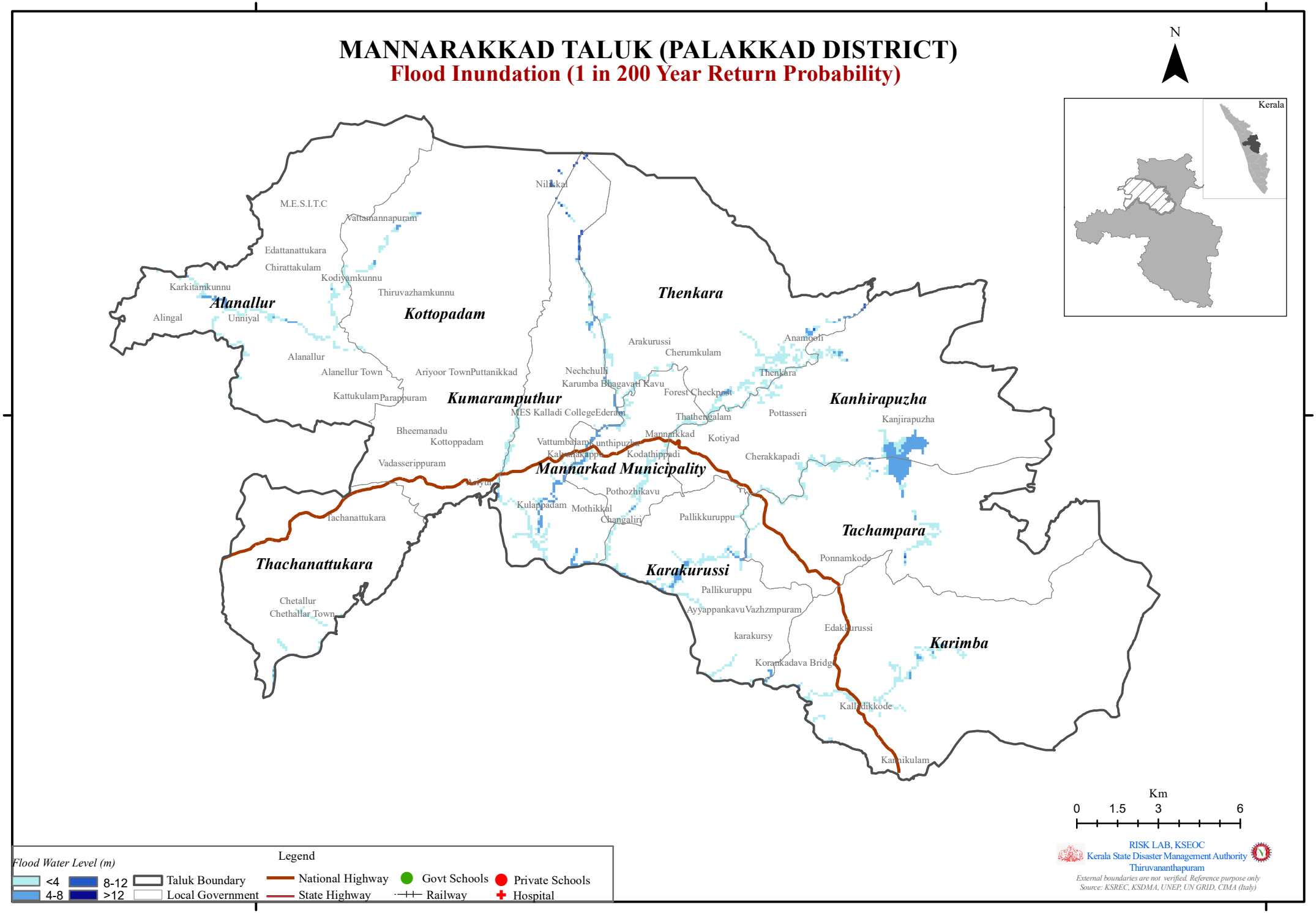
MANNARAKKAD TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)



MANNARAKKAD TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)



PALAKKAD DISTRICT						
MANNARKAD 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
Pudur						
School						
G. L. P. S. Mully				✓	✓	✓

PALAKKAD DISTRICT

MANNARKKAD TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Alanallur	1.75	5.04
2	Kanhirapuzha	1.94	4.31
3	Karakurussi	1.63	8.05
4	Karimba	1.55	3.53
5	Kottopadam	0.91	16.23
6	Kumaramputhur	2.16	8.06
7	Mannarkad Municipality	1.85	7.05
8	Pattithara	2.57	7.46
9	Polpully	0.72	2.83
10	Pudusseri	0.60	2.69
11	Tachampara	1.39	6.11
12	Tarur	0.70	3.28
13	Thachanattukara	0.12	8.2
14	Thenkara	1.84	13.41

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Alanallur	1.88	5.46
2	Kanhirapuzha	2.03	4.5
3	Karakurussi	2.02	9.65
4	Karimba	1.68	3.74
5	Kottopadam	0.94	16.33
6	Kumaramputhur	2.58	9.64
7	Mannarkad Municipality	2.14	8.34
8	Pattithara	3.18	8.16
9	Polpully	0.74	3.13
10	Pudusseri	0.68	2.85
11	Tachampara	1.48	6.28
12	Tarur	0.74	3.55
13	Thachanattukara	0.13	9.6
14	Thenkara	2.06	13.57

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Alanallur	2.00	5.97
2	Kanhirapuzha	2.15	4.6
3	Karakurussi	2.25	10.46
4	Karimba	1.72	3.93
5	Kottopadam	0.96	16.43
6	Kumaramputhur	2.77	10.47
7	Mannarkad Municipality	2.26	9.13
8	Pattithara	3.46	8.75
9	Polpully	0.77	3.33
10	Pudusseri	0.69	2.95
11	Tachampara	1.50	6.37
12	Tarur	0.77	3.69
13	Thachanattukara	0.17	10.7
14	Thenkara	2.15	13.64

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Alanallur	2.10	6.32
2	Kanhirapuzha	2.20	4.78
3	Karakurussi	2.60	11.36
4	Karimba	1.82	4.13
5	Kottopadam	0.97	16.57
6	Kumaramputhur	3.04	11.37
7	Mannarkad Municipality	2.47	9.73
8	Pattithara	3.80	9.15
9	Polpully	0.77	3.73
10	Pudusseri	0.72	3.01
11	Tachampara	1.51	6.46
12	Tarur	0.78	3.82
13	Thachanattukara	0.22	11.4
14	Thenkara	2.23	13.74

1 in 200 YEAR (Historic)

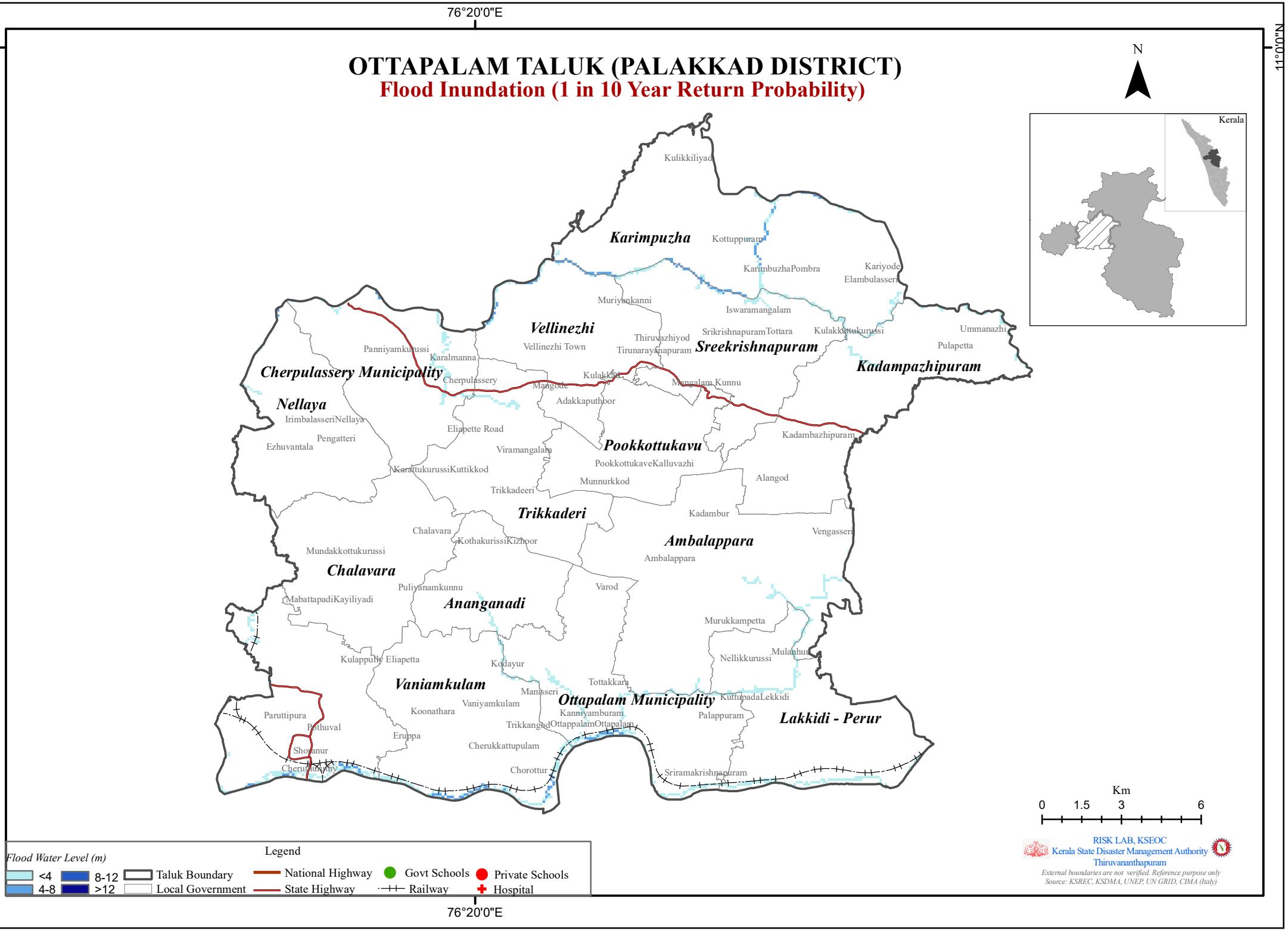
Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Alanallur	2.15	6.66
2	Kanhirapuzha	2.23	4.88
3	Karakurussi	2.75	12
4	Karimba	1.85	4.35
5	Kottopadam	0.97	16.67
6	Kumaramputhur	3.28	12.06
7	Mannarkad Municipality	2.59	10.33
8	Pattithara	4.09	9.62
9	Polpully	0.77	3.75
10	Pudusseri	0.73	3.11
11	Tachampara	1.54	6.55
12	Tarur	0.79	3.99
13	Thachanattukara	0.29	12.3
14	Thenkara	2.36	13.77

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Alanallur	2.19	6.99
2	Kanhirapuzha	2.27	4.98
3	Karakurussi	2.99	12.83
4	Karimba	1.92	4.69
5	Kottopadam	0.99	16.77
6	Kumaramputhur	3.53	12.97
7	Mannarkad Municipality	2.74	11.23
8	Pattithara	5.01	10.15
9	Polpully	0.80	3.82
10	Pudusseri	0.81	3.19
11	Tachampara	1.57	6.65
12	Tarur	0.84	4.19
13	Thachanattukara	0.30	13.6
14	Thenkara	3.09	13.84

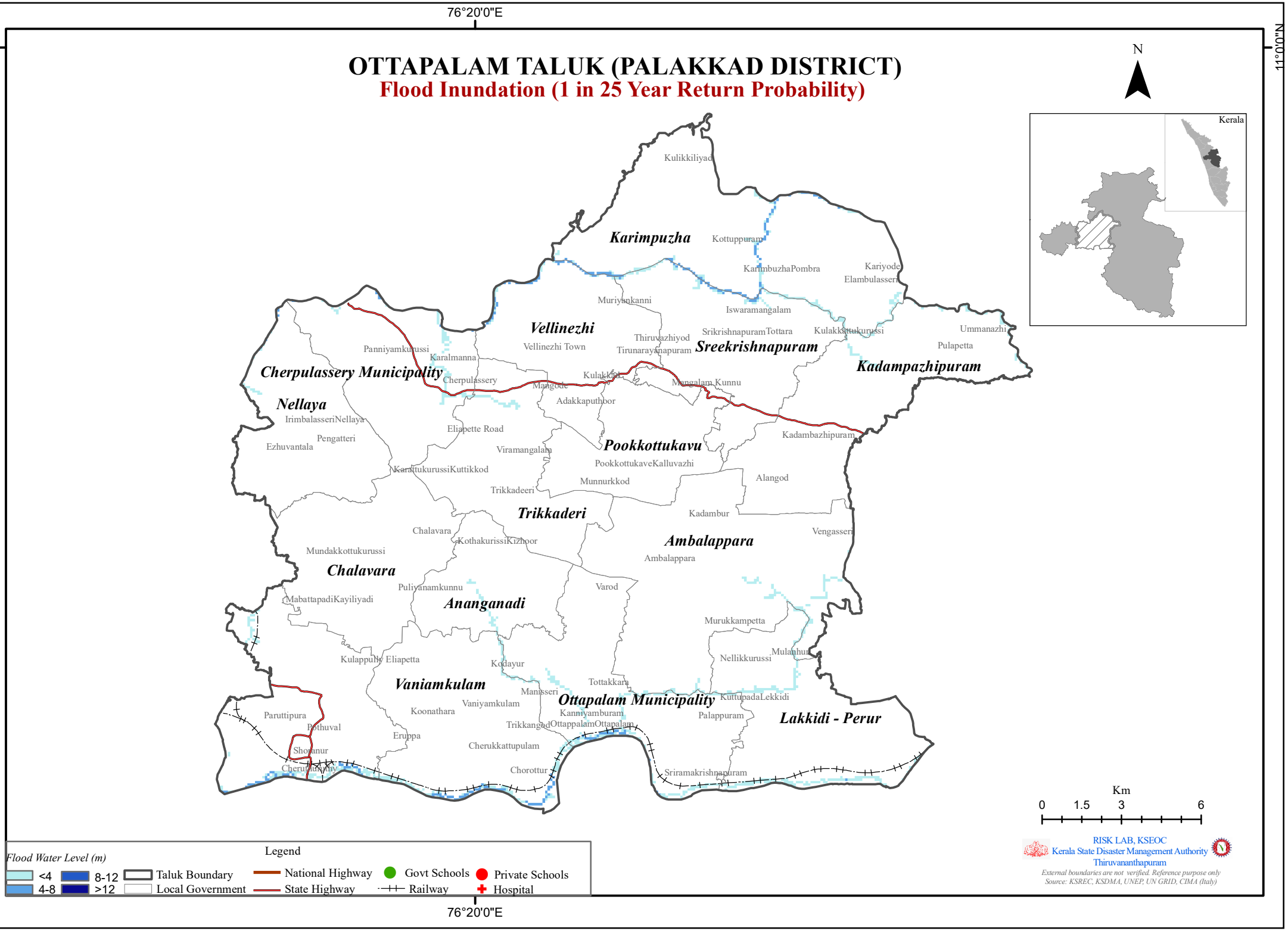
OTTAPALAM TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)



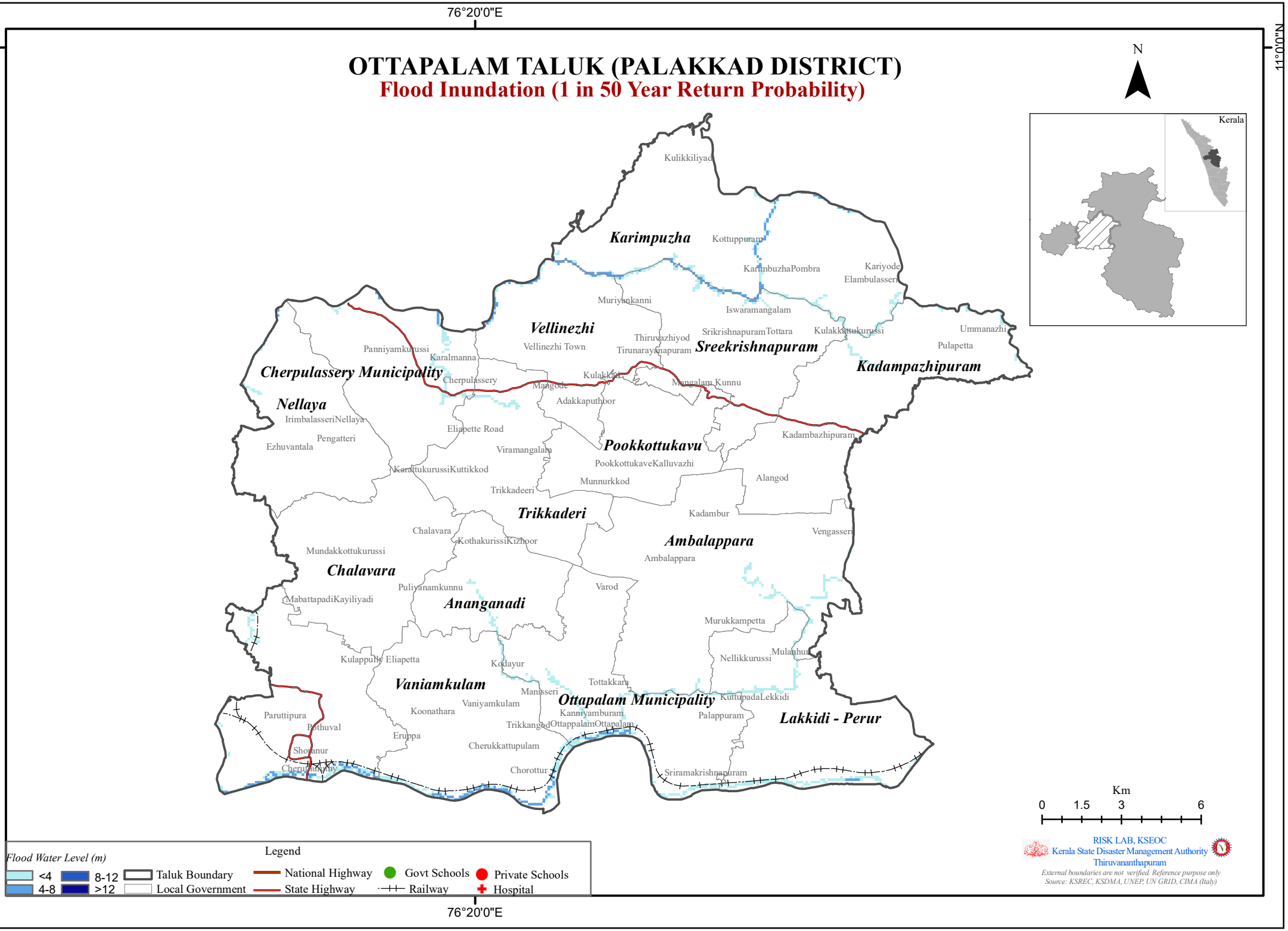
OTTAPALAM TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)



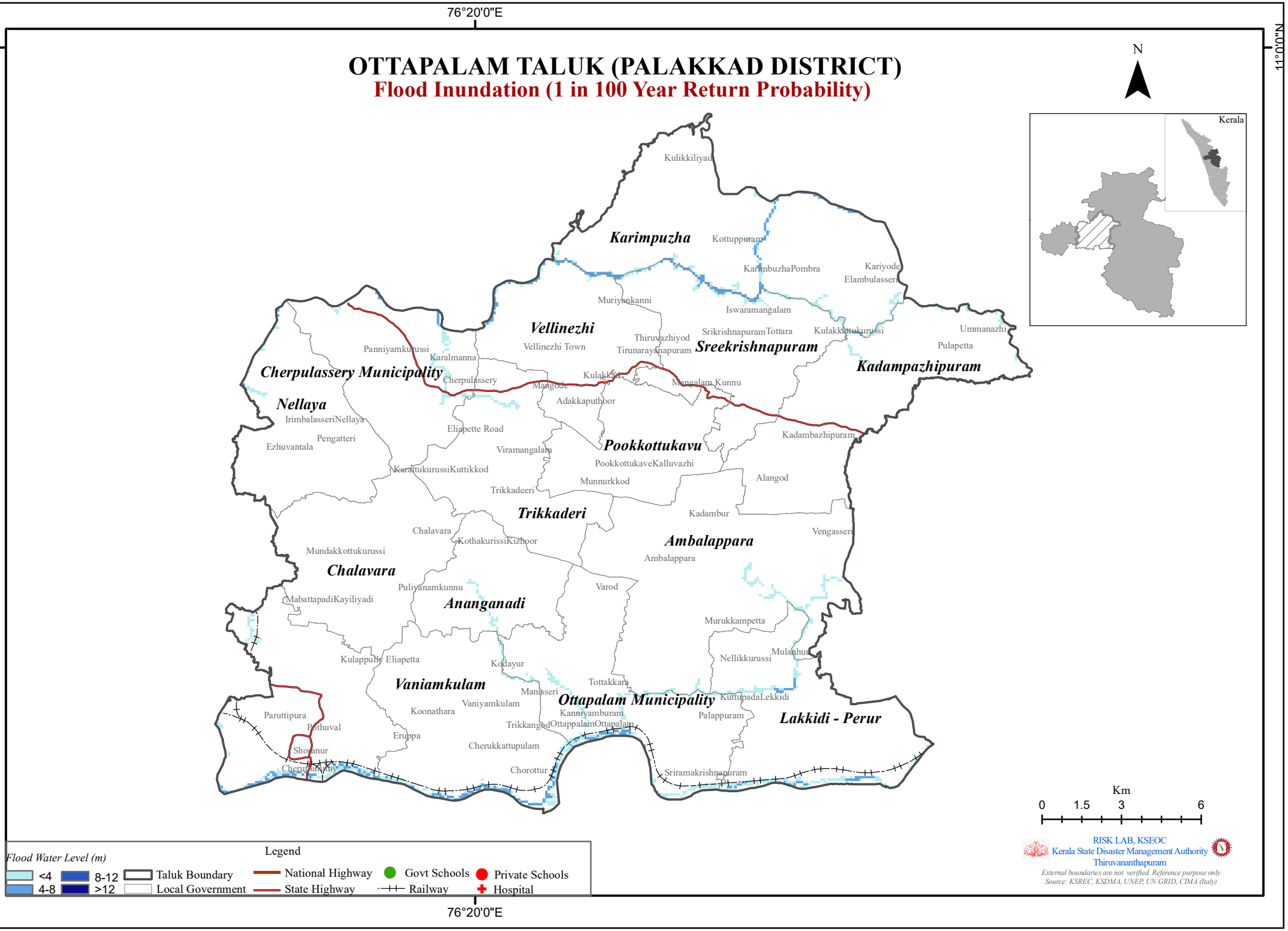
OTTAPALAM TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)



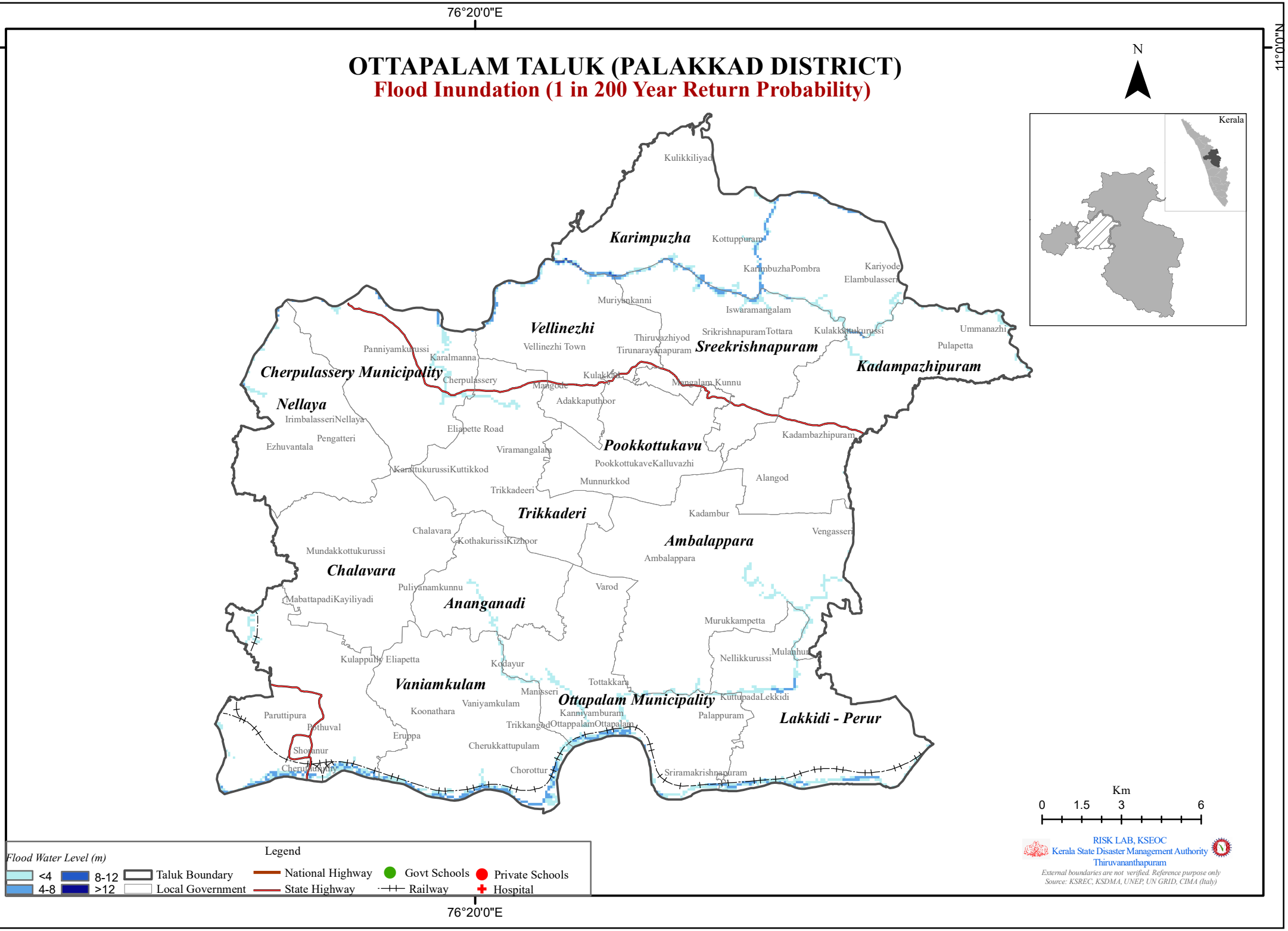
OTTAPALAM TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)



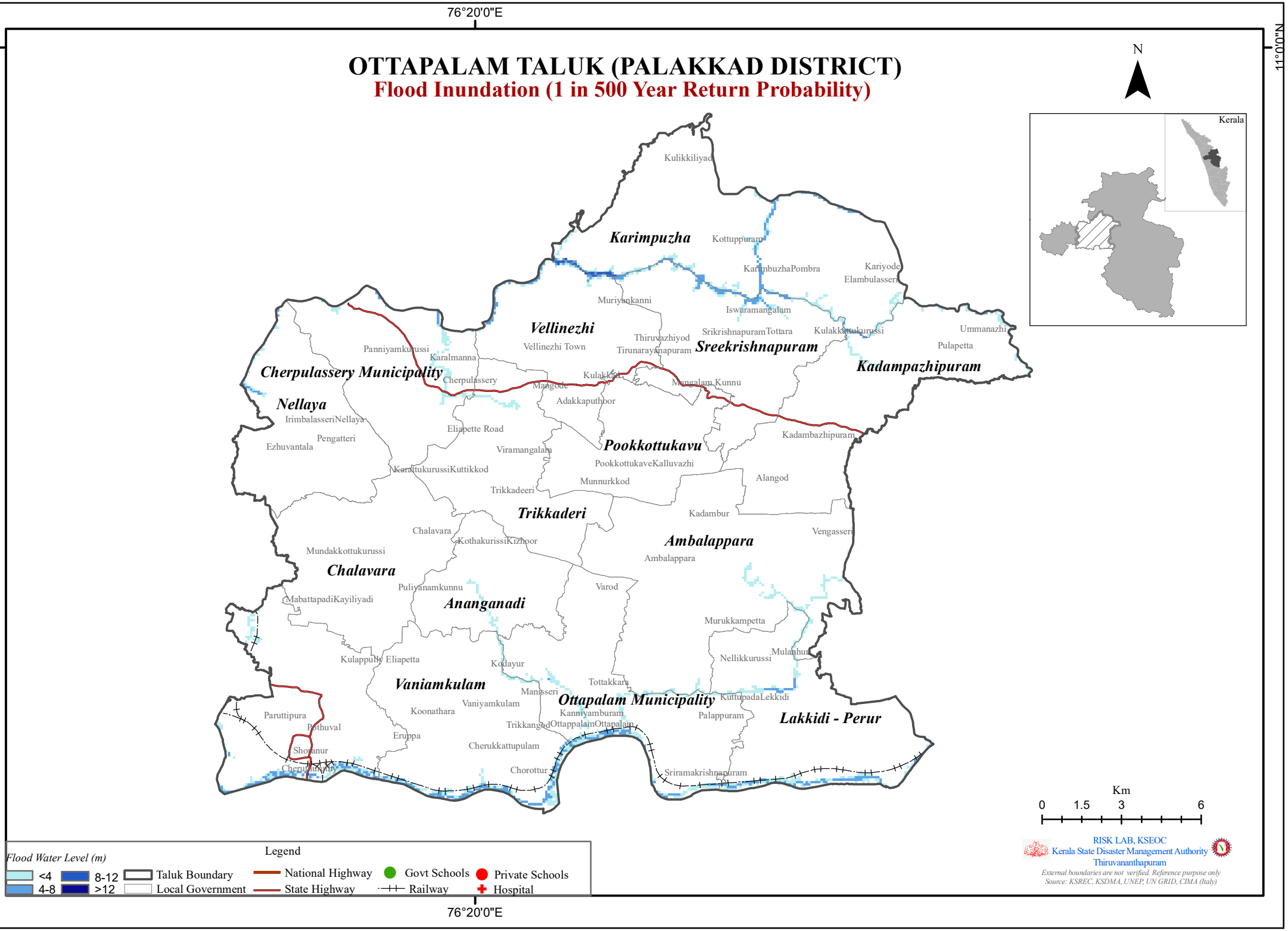
OTTAPALAM TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)



OTTAPALAM TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)



PALAKKAD DISTRICT

OTTAPALAM TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ambalappara	1.40	3.38
2	Ananganadi	0.28	1.64
3	Cherpulassery Municipality	1.12	8.59
4	Kadampazhipuram	0.91	3.36
5	Karimpuzha	2.76	8.2
6	Lakkidi - Perur	2.09	5.49
7	Nellaya	0.55	7.13
8	Ottapalam Municipality	2.68	5.8
9	Shoranur Municipality	2.24	6.2
10	Thiruvegappura	2.15	8.59
11	Trikkaderi	0.25	2.5
12	Vaniamkulam	2.37	6.86
13	Vellinezhi	0.88	8.2

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ambalappara	1.53	3.98
2	Ananganadi	0.28	1.77
3	Cherpulassery Municipality	1.24	9.78
4	Kadampazhipuram	0.96	3.96
5	Karimpuzha	3.44	9.65
6	Lakkidi - Perur	2.31	6.19
7	Nellaya	0.69	8.17
8	Ottapalam Municipality	2.83	6.1
9	Shoranur Municipality	2.35	6.74
10	Thiruvegappura	2.38	9.79
11	Trikkaderi	0.25	2.99
12	Vaniamkulam	2.51	7.26
13	Vellinezhi	1.01	9.6

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ambalappara	1.60	4.38
2	Ananganadi	0.30	1.97
3	Cherpulassery Municipality	1.27	10.47
4	Kadampazhipuram	0.99	4.45
5	Karimpuzha	3.92	10.7
6	Lakkidi - Perur	2.53	6.39
7	Nellaya	0.74	8.96
8	Ottapalam Municipality	2.97	6.5
9	Shoranur Municipality	2.38	7.2
10	Thiruvegappura	2.48	10.29
11	Trikkaderi	0.25	3.29
12	Vaniamkulam	2.57	7.56
13	Vellinezhi	1.12	10.7

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ambalappara	1.65	4.78
2	Ananganadi	0.31	2.17
3	Cherpulassery Municipality	1.34	11.27
4	Kadampazhipuram	1.01	4.75
5	Karimpuzha	4.27	11.4
6	Lakkidi - Perur	2.64	6.39
7	Nellaya	0.97	9.6
8	Ottapalam Municipality	3.06	6.89
9	Shoranur Municipality	2.44	7.64
10	Thiruvegappura	2.56	10.99
11	Trikkaderi	0.28	3.69
12	Vaniamkulam	2.61	7.66
13	Vellinezhi	1.23	11.4

1 in 200 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ambalappara	1.70	5.08
2	Ananganadi	0.34	2.37
3	Cherpulassery Municipality	1.43	11.92
4	Kadampazhipuram	1.01	5.05
5	Karimpuzha	4.67	12.3
6	Lakkidi - Perur	2.69	6.39
7	Nellaya	1.08	10.22
8	Ottapalam Municipality	3.14	7.29
9	Shoranur Municipality	2.53	7.98
10	Thiruvegappura	2.66	11.9
11	Trikkaderi	0.29	4.09
12	Vaniamkulam	2.66	7.86
13	Vellinezhi	1.32	12.3

1 in 500 YEAR (Historic)

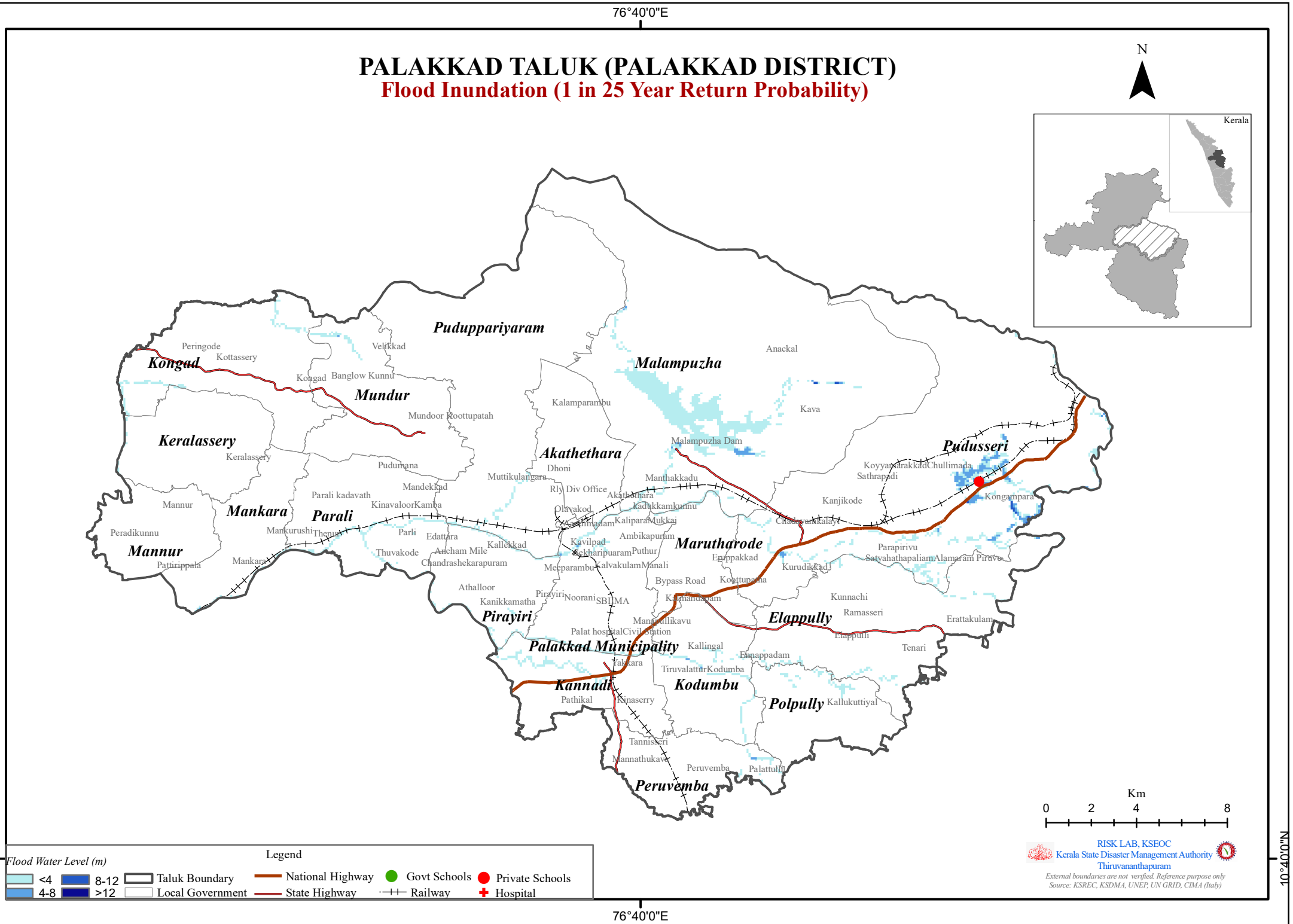
Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ambalappara	1.84	5.48
2	Ananganadi	0.36	2.65
3	Cherpulassery Municipality	1.59	12.75
4	Kadampazhipuram	1.04	5.44
5	Karimpuzha	5.22	13.6
6	Lakkidi - Perur	2.73	6.39
7	Nellaya	1.20	11.03
8	Ottapalam Municipality	3.27	7.69
9	Shoranur Municipality	2.64	8.42
10	Thiruvegappura	2.76	12.4
11	Trikkaderi	0.34	4.69
12	Vaniamkulam	2.76	8.06
13	Vellinezhi	1.39	13.6

PALAKKAD TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)

PALAKKAD TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)

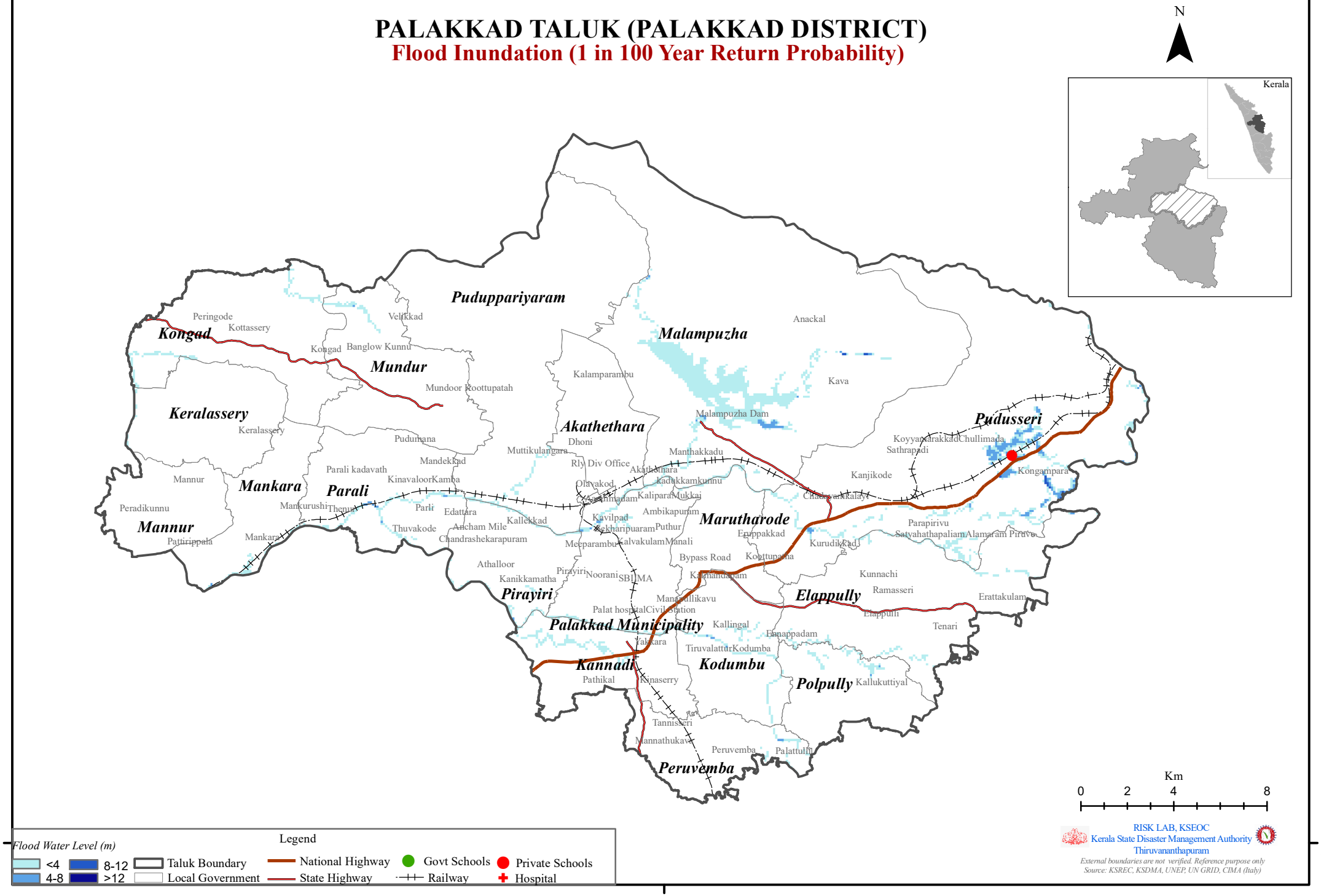


PALAKKAD TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)

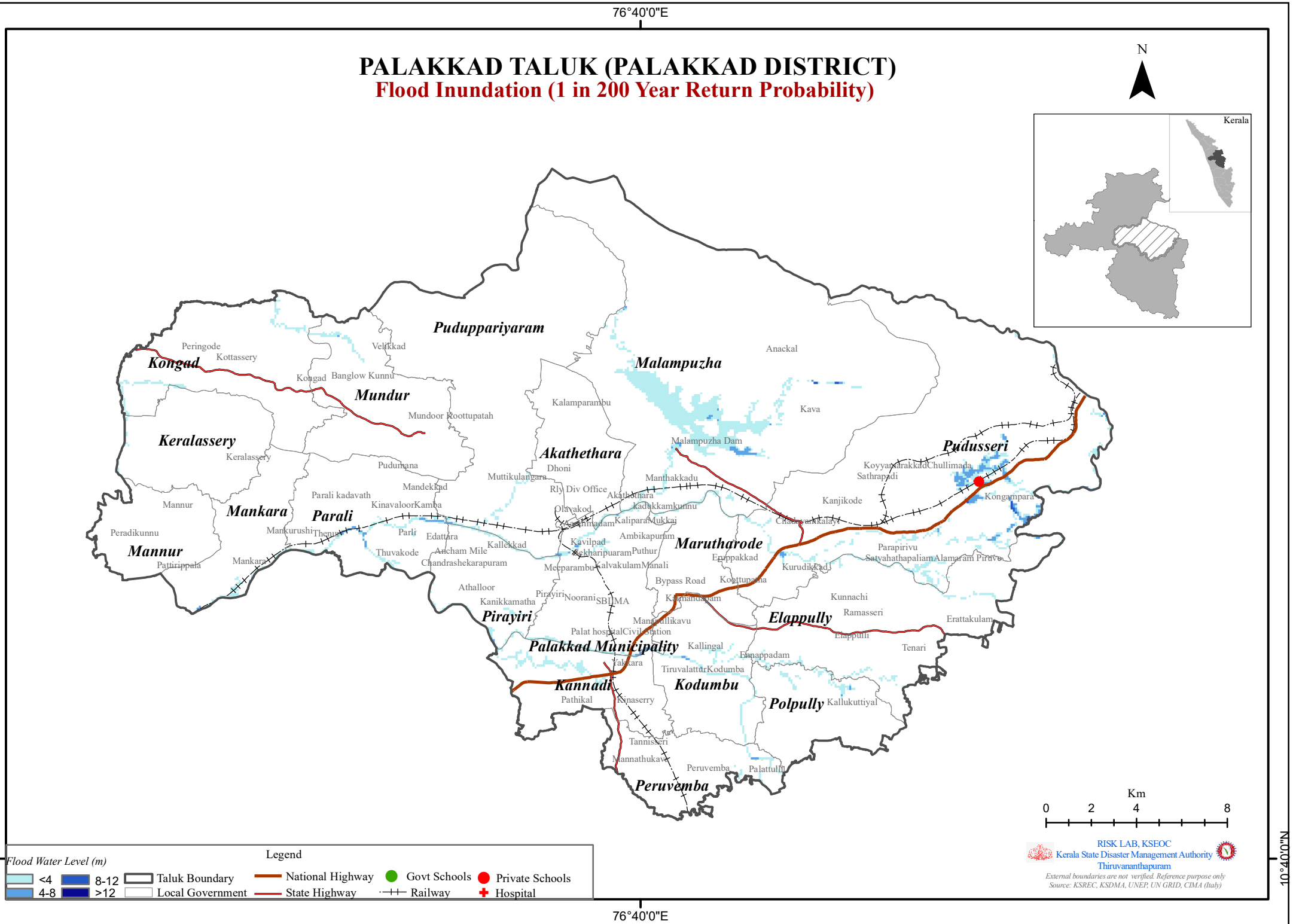
PALAKKAD TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)



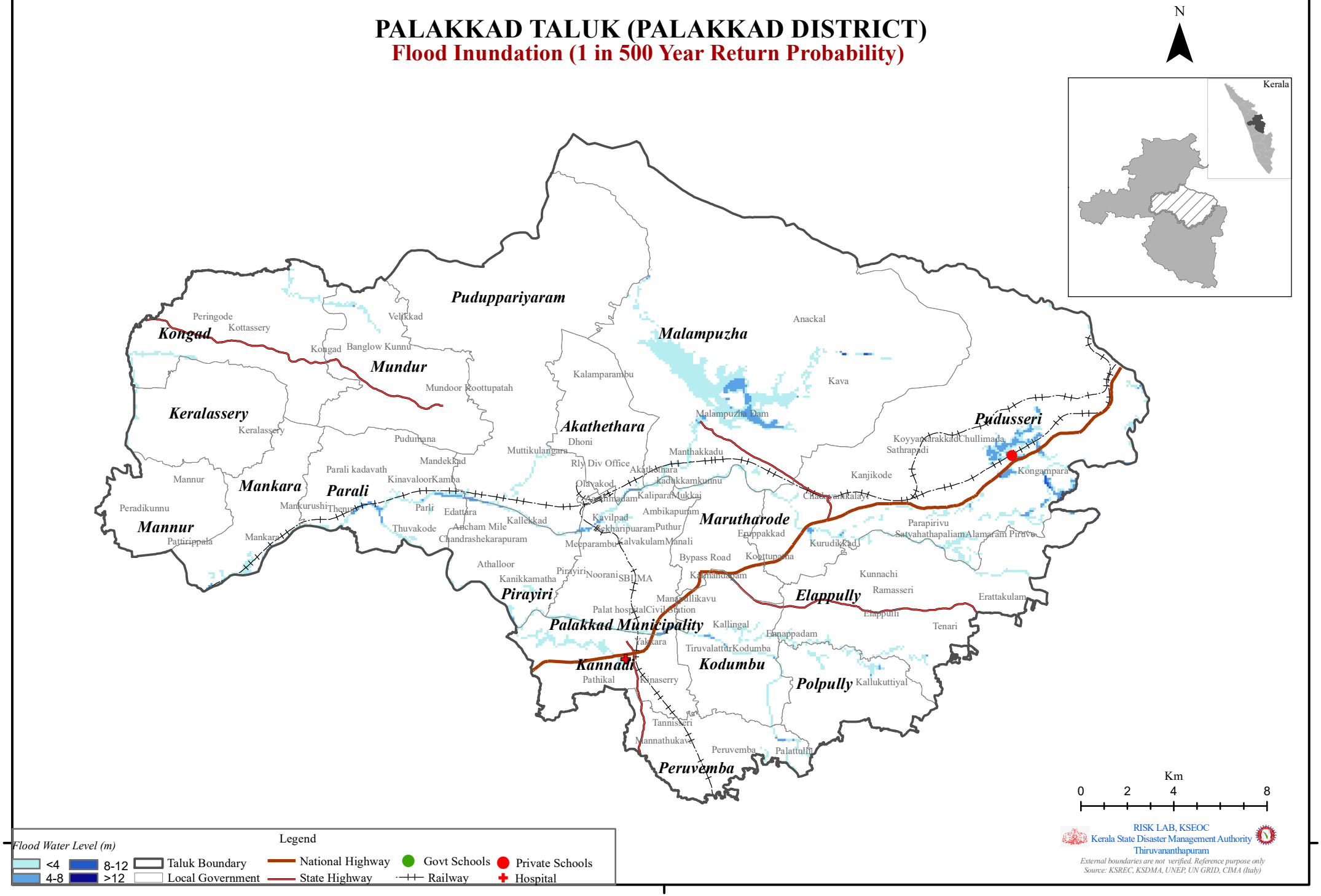
PALAKKAD TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)



PALAKKAD TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)



PALAKKAD DISTRICT						
PALAKKAD 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
Kannadi						
Hospital						
Ayur Paalana Hospital						✓
Pudusseri						
School						
G.L.P.S Kanjikode	✓	✓	✓	✓	✓	✓

PALAKKAD DISTRICT

PALAKKAD TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Akathethara	0.11	2.4
2	Elappully	1.25	10.86
3	Kannadi	1.55	4.9
4	Keralassery	0.30	2.65
5	Kodumbu	1.21	4.88
6	Kongad	0.97	2.65
7	Malampuzha	9.94	10.46
8	Mankara	0.62	5.37
9	Marutharode	0.23	2.34
10	Mundur	0.50	2.92
11	Palakkad Municipality	1.26	4.9
12	Pallassana	3.46	3.89
13	Parali	0.69	4.6
14	Perumatty	0.33	6.61
15	Peruvemba	0.60	4.02
16	Pirayiri	1.16	3.61
17	Puduppariyaram	0.71	2.94
18	Pudusseri	5.77	9.3

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Akathethara	0.12	2.71
2	Elappully	1.30	10.87
3	Kannadi	1.75	5.56
4	Keralassery	0.31	2.9
5	Kodumbu	1.50	5.52
6	Kongad	1.05	2.9
7	Malampuzha	10.35	10.56
8	Mankara	0.87	5.96
9	Marutharode	0.26	2.53
10	Mundur	0.54	3.12
11	Palakkad Municipality	1.46	5.56
12	Pallassana	3.78	3.98
13	Parali	0.76	5.4
14	Perumatty	0.36	7.94
15	Peruvemba	0.73	4.4
16	Pirayiri	1.47	4.17
17	Puduppariyaram	0.77	3.41
18	Pudusseri	5.92	9.4

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Akathethara	0.13	2.84
2	Elappully	1.30	10.88
3	Kannadi	1.85	6.11
4	Keralassery	0.33	3.03
5	Kodumbu	1.75	6.08
6	Kongad	1.06	3.03
7	Malampuzha	10.57	10.56
8	Mankara	1.08	6.31
9	Mannur	0.02	0.08
10	Marutharode	0.26	2.63
11	Mundur	0.56	3.22
12	Palakkad Municipality	1.82	6.11
13	Pallassana	3.89	4.01
14	Parali	0.78	5.4
15	Perumatty	0.36	8.06
16	Peruvemba	0.76	4.52
17	Pirayiri	1.83	4.93
18	Puduppariyaram	0.77	3.55
19	Pudusseri	5.98	9.4

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Akathethara	0.14	3.04
2	Elappully	1.32	10.88
3	Kannadi	2.22	6.5
4	Keralassery	0.33	3.1
5	Kodumbu	1.96	6.51
6	Kongad	1.06	3.1
7	Malampuzha	10.76	10.56
8	Mankara	1.20	6.73
9	Mannur	0.02	0.18
10	Marutharode	0.26	2.83
11	Mundur	0.57	3.24
12	Palakkad Municipality	2.06	6.5
13	Pallassana	4.14	4.05
14	Parali	0.88	5.8
15	Perumatty	0.36	8.2
16	Peruvemba	0.76	4.62
17	Pirayiri	2.23	5.31
18	Puduppariyaram	0.82	3.71
19	Pudusseri	6.05	9.4

1 in 200 YEAR (Historic)

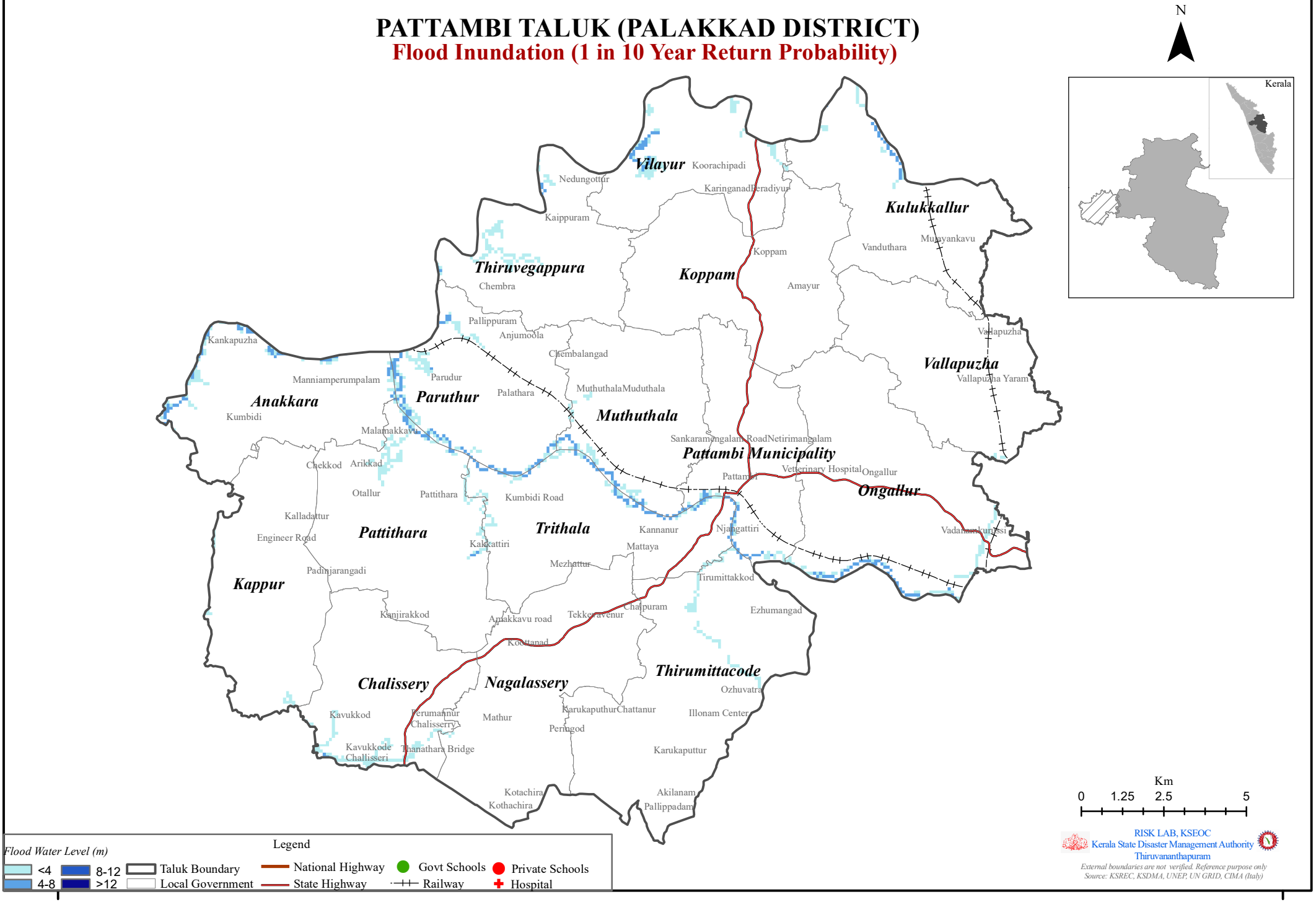
Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Akathethara	0.14	3.2
2	Elappully	1.33	10.89
3	Kannadi	2.52	6.53
4	Keralassery	0.33	3.1
5	Kodumbu	2.17	7.06
6	Kongad	1.07	3.19
7	Malampuzha	10.88	10.56
8	Mankara	1.31	6.91
9	Mannur	0.02	0.27
10	Marutharode	0.26	2.92
11	Mundur	0.59	3.34
12	Palakkad Municipality	2.20	6.53
13	Pallassana	4.36	4.08
14	Parali	0.96	6.3
15	Perumatty	0.36	8.2
16	Peruvemba	1.56	4.98
17	Pirayiri	2.37	5.53
18	Puduppariyaram	0.85	3.84
19	Pudusseri	6.16	9.49

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Akathethara	0.16	3.42
2	Elappully	1.36	10.89
3	Kannadi	2.72	6.67
4	Keralassery	0.33	3.1
5	Kodumbu	2.34	7.61
6	Kongad	1.07	3.39
7	Malampuzha	11.15	10.56
8	Mankara	1.34	6.94
9	Mannur	0.02	0.37
10	Marutharode	0.28	3.06
11	Mundur	0.61	3.44
12	Palakkad Municipality	2.32	6.67
13	Pallassana	4.62	4.11
14	Parali	1.04	6.9
15	Perumatty	0.40	8.2
16	Peruvemba	1.72	5.01
17	Pirayiri	2.55	5.66
18	Puduppariyaram	0.93	4.04
19	Pudusseri	6.25	9.5

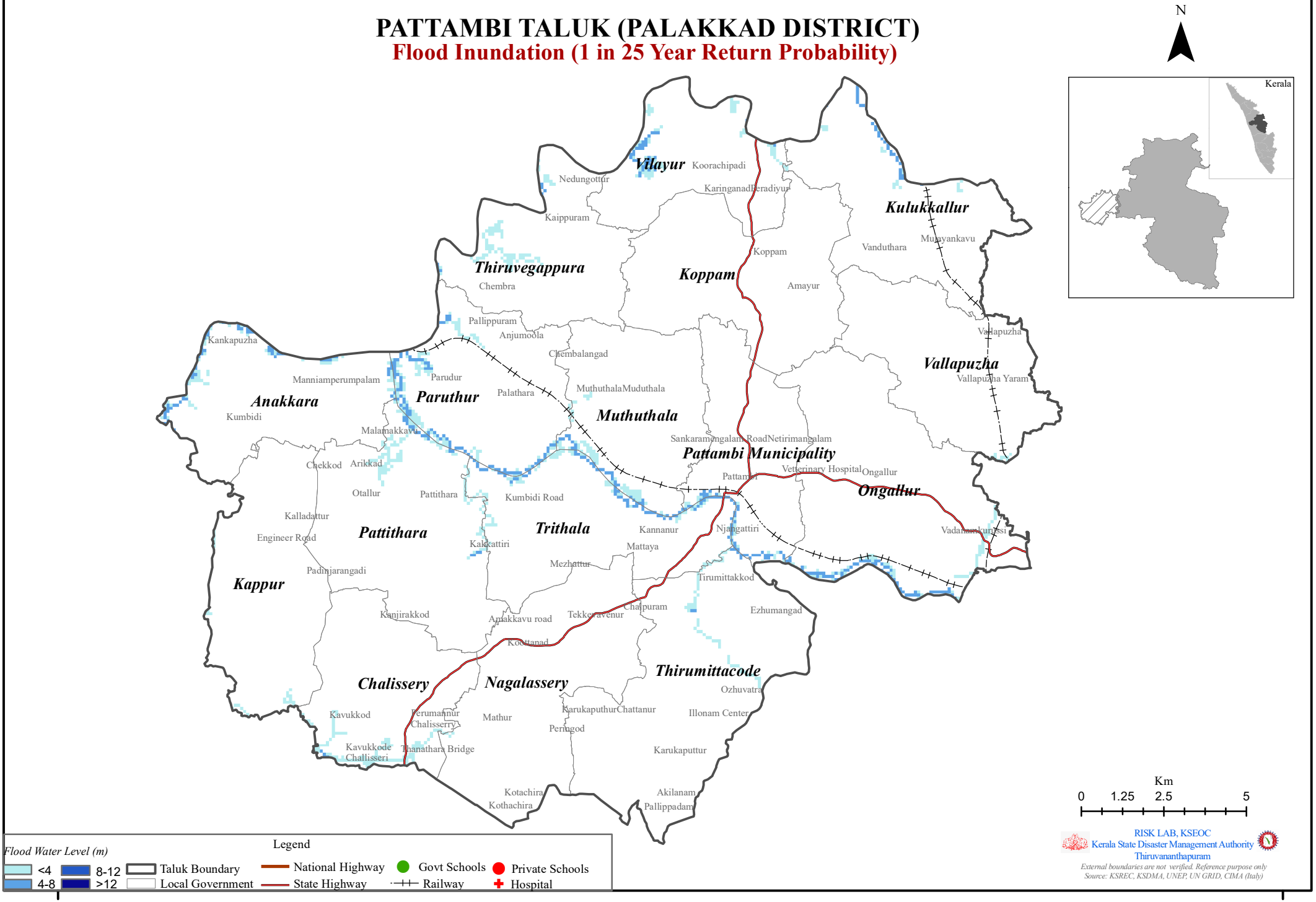
PATTAMBI TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)



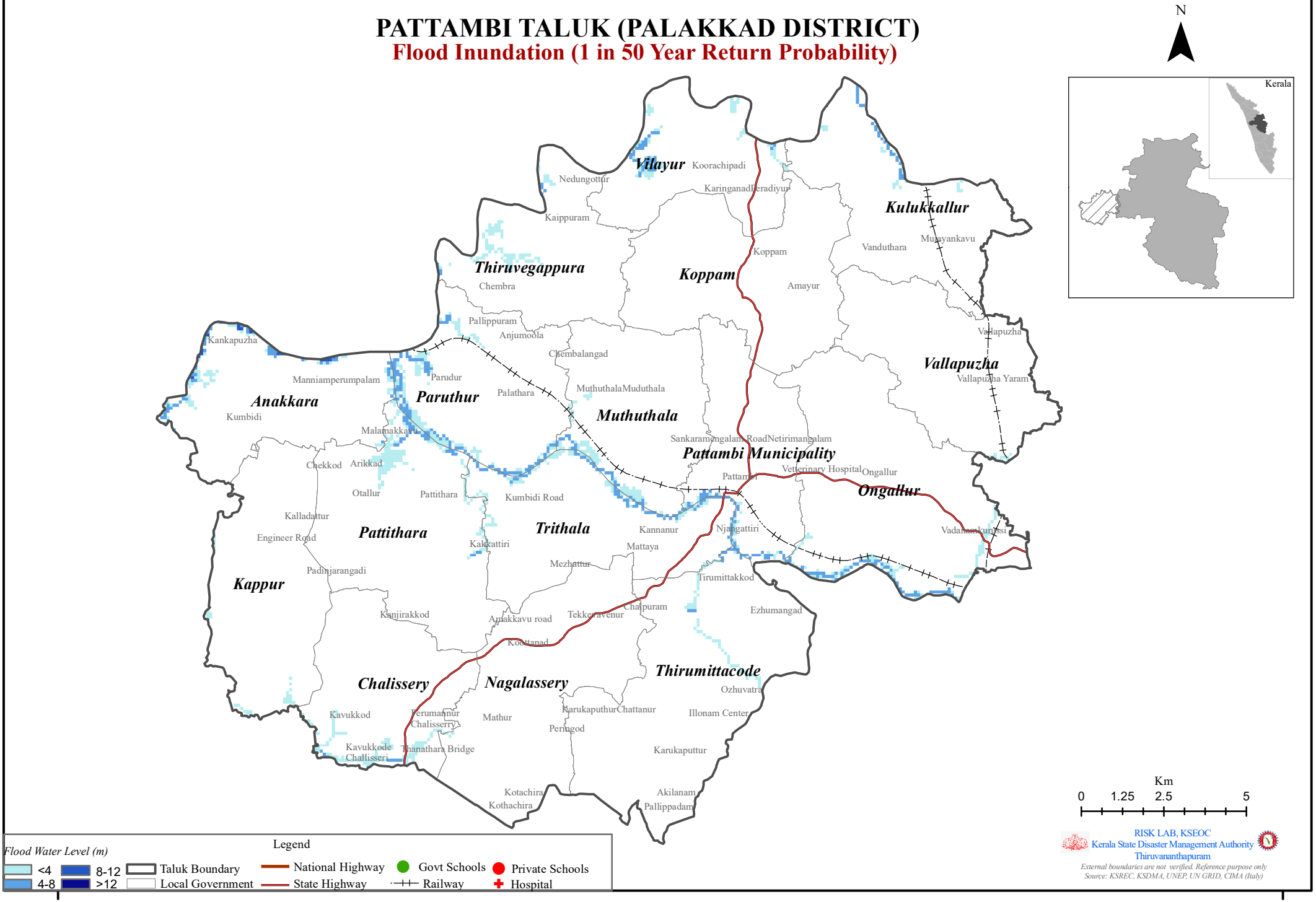
PATTAMBI TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)



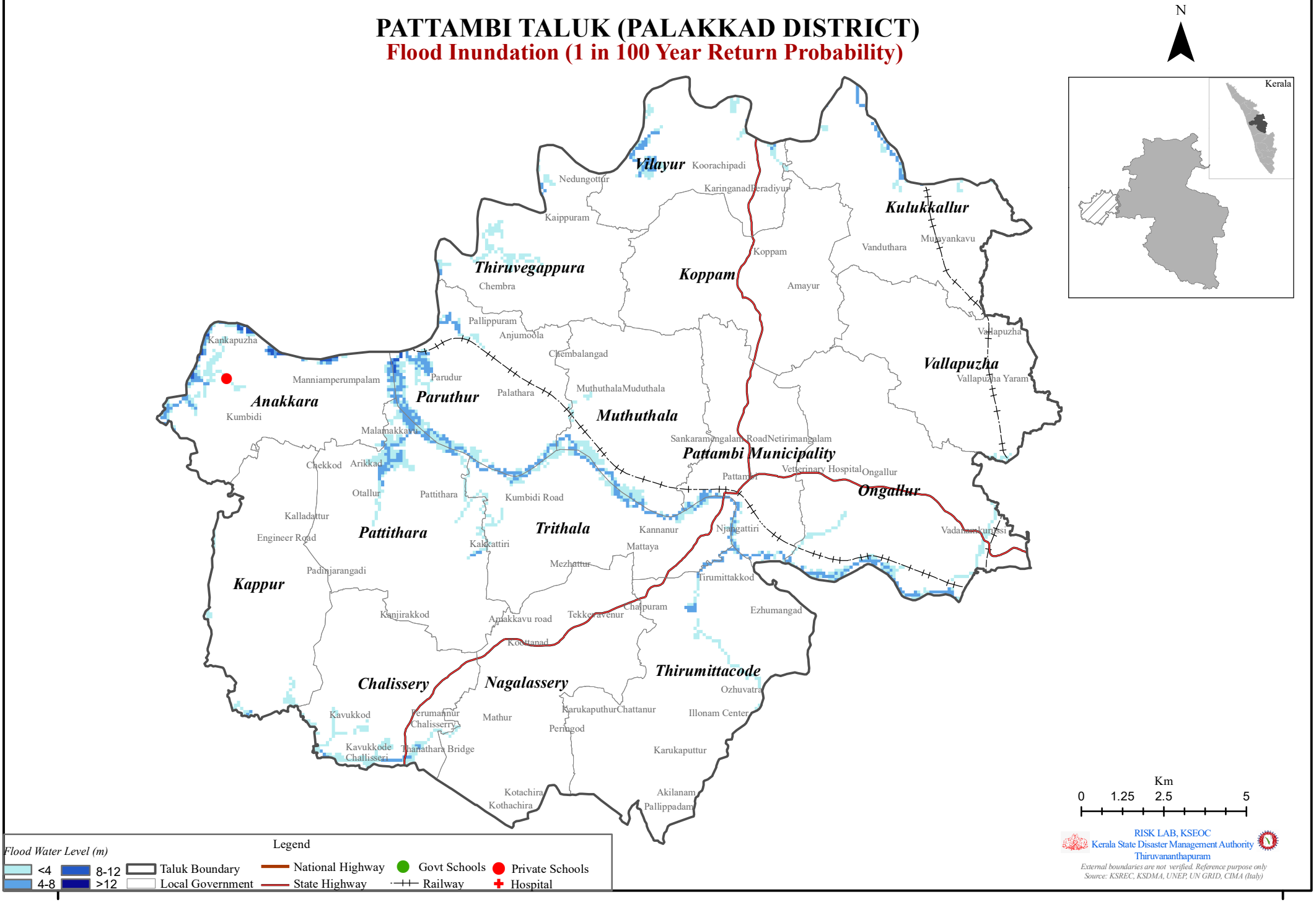
PATTAMBI TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)



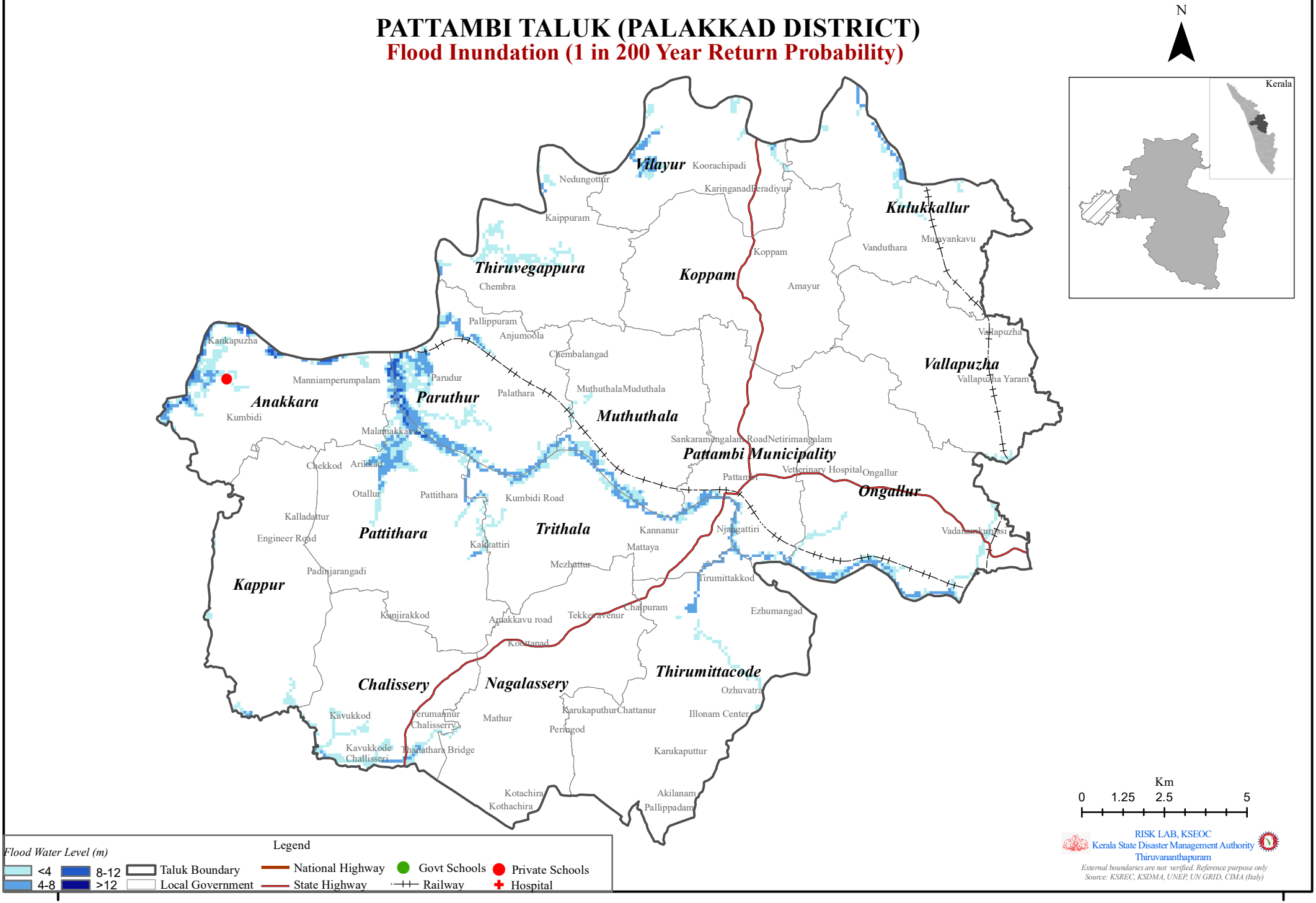
PATTAMBI TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)



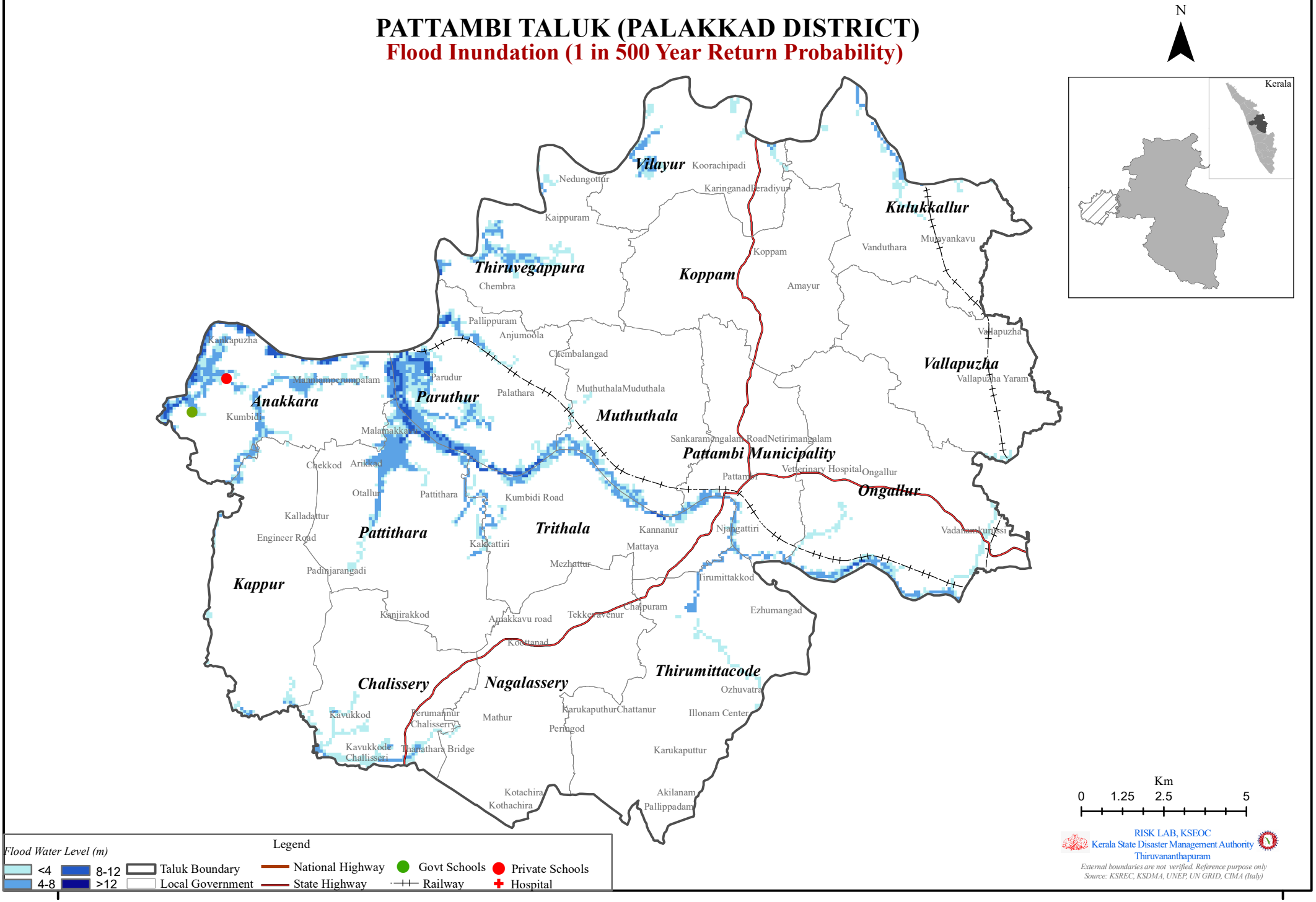
PATTAMBI TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)



PATTAMBI TALUK (PALAKKAD DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)



PALAKKAD DISTRICT						
PATTAMBI 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
Anakkara						
School						
G. L. P. S. Melazhiyam						✓
G.B.L.P.S Kudallur				✓	✓	✓

PALAKKAD DISTRICT

PATTAMBI TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Anakkara	4.33	10.11
2	Ayiloor	1.18	3.63
3	Chalissery	1.45	3.42
4	Kappur	0.49	4.54
5	Koppam	0.01	2.27
6	Kulukkallur	1.34	6.64
7	Muthuthala	1.55	9.69
8	Nagalassery	0.04	1.6
9	Ongallur	2.59	9.06
10	Parali	0.82	4.17
11	Paruthur	4.84	8.9
12	Pattanchery	0.06	3.36
13	Thenkurissi	1.05	2.26
14	Thirumittacode	1.52	9
15	Trithala	2.60	9.97
16	Vallapuzha	0.11	1.17
17	Vilayur	1.76	8.86

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Anakkara	4.93	10.81
2	Ayiloor	1.30	3.81
3	Chalissery	1.47	3.94
4	Kappur	0.58	4.79
5	Koppam	0.02	2.38
6	Kulukkallur	1.63	7.45
7	Muthuthala	1.85	10.09
8	Nagalassery	0.06	1.72
9	Ongallur	2.87	9.77
10	Parali	0.99	4.81
11	Paruthur	5.28	9.6
12	Pattanchery	0.06	3.39
13	Thenkurissi	1.07	2.28
14	Thirumittacode	1.68	9.79
15	Trithala	3.00	10.86
16	Vallapuzha	0.12	1.37
17	Vilayur	2.09	9.94

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Anakkara	5.35	11.41
2	Ayiloor	1.32	3.87
3	Chalissery	1.65	4.31
4	Kappur	0.85	5.05
5	Koppam	0.02	2.52
6	Kulukkallur	1.78	8.12
7	Muthuthala	2.13	10.49
8	Nagalassery	0.06	1.83
9	Ongallur	3.02	10.17
10	Parali	1.12	5.09
11	Paruthur	5.64	10.2
12	Pattanchery	0.14	3.43
13	Thenkurissi	1.07	2.28
14	Thirumittacode	1.92	10.28
15	Trithala	3.38	11.36
16	Vallapuzha	0.13	1.57
17	Vilayur	2.26	10.54

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Anakkara	5.73	11.81
2	Ayiloor	1.34	3.87
3	Chalissery	1.68	4.68
4	Kappur	0.95	5.18
5	Koppam	0.02	2.6
6	Kulukkallur	1.97	8.84
7	Muthuthala	2.44	11.39
8	Nagalassery	0.06	1.87
9	Ongallur	3.24	10.57
10	Parali	1.30	5.45
11	Paruthur	5.94	10.6
12	Pattanchery	0.17	3.43
13	Thenkurissi	1.09	2.35
14	Thirumittacode	2.06	10.62
15	Trithala	3.54	11.57
16	Vallapuzha	0.13	1.67
17	Vilayur	2.41	10.99

1 in 200 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Anakkara	5.96	12.27
2	Ayiloor	1.35	3.92
3	Chalissery	1.82	5.06
4	Kappur	1.03	6.26
5	Koppam	0.02	2.6
6	Kulukkallur	2.15	9.5
7	Muthuthala	2.51	11.49
8	Nagalassery	0.06	2
9	Ongallur	3.50	10.97
10	Parali	1.45	5.74
11	Paruthur	6.14	11.06
12	Pattanchery	0.19	3.43
13	Thenkurissi	1.15	2.37
14	Thirumittacode	2.18	10.88
15	Trithala	3.64	11.86
16	Vallapuzha	0.13	1.77
17	Vilayur	2.56	11.4

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Anakkara	6.32	12.89
2	Ayiloor	1.38	3.97
3	Chalissery	1.94	5.43
4	Kappur	1.17	6.88
5	Koppam	0.02	2.6
6	Kulukkallur	2.29	10.15
7	Muthuthala	2.79	11.59
8	Nagalassery	0.47	3.62
9	Ongallur	3.72	11.37
10	Parali	1.60	6.11
11	Paruthur	7.81	11.93
12	Pattanchery	0.21	3.46
13	Thenkurissi	1.18	2.38
14	Thirumittacode	2.31	11.1
15	Trithala	5.35	12.07
16	Vallapuzha	0.13	1.96
17	Vilayur	2.75	12.08