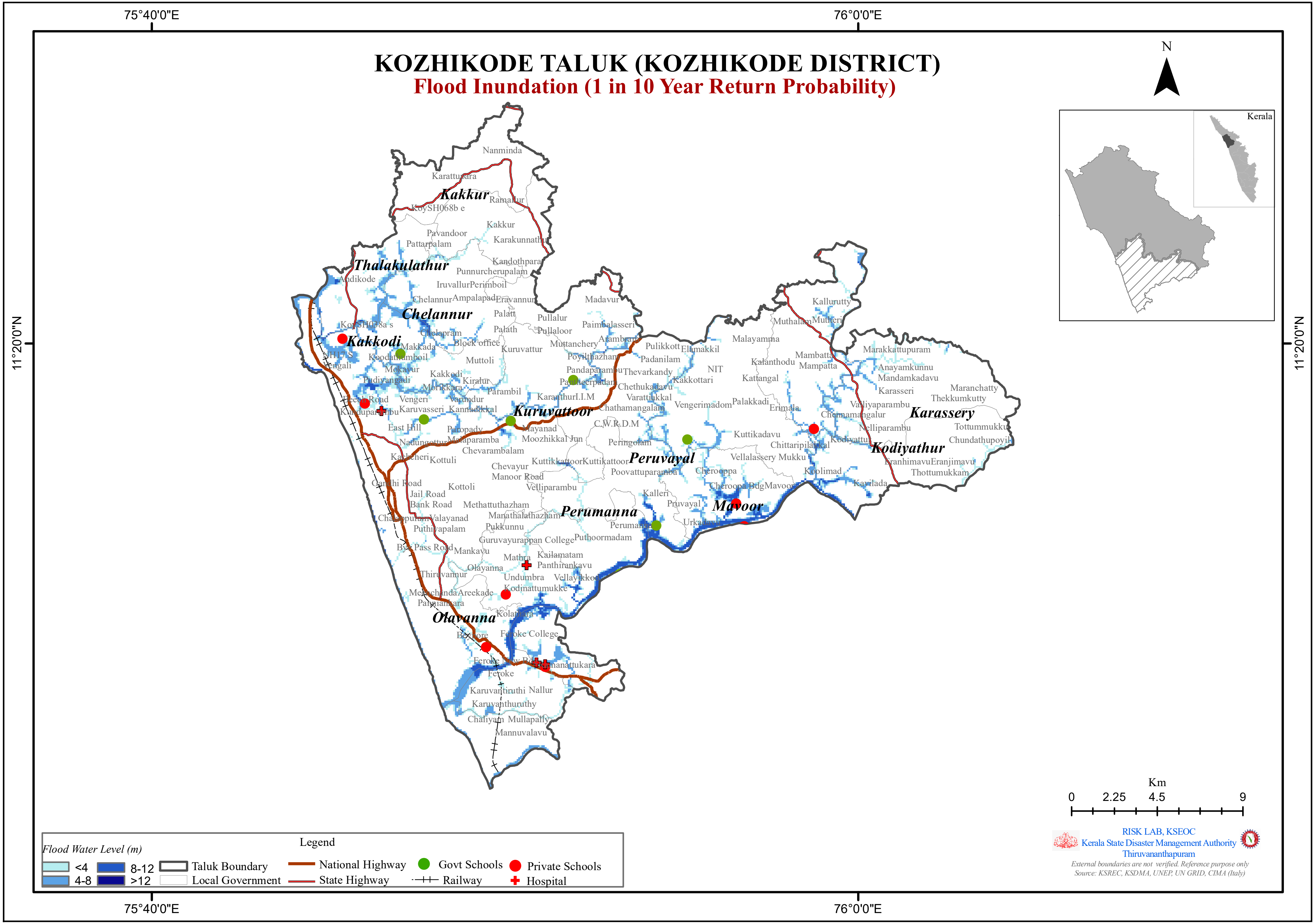
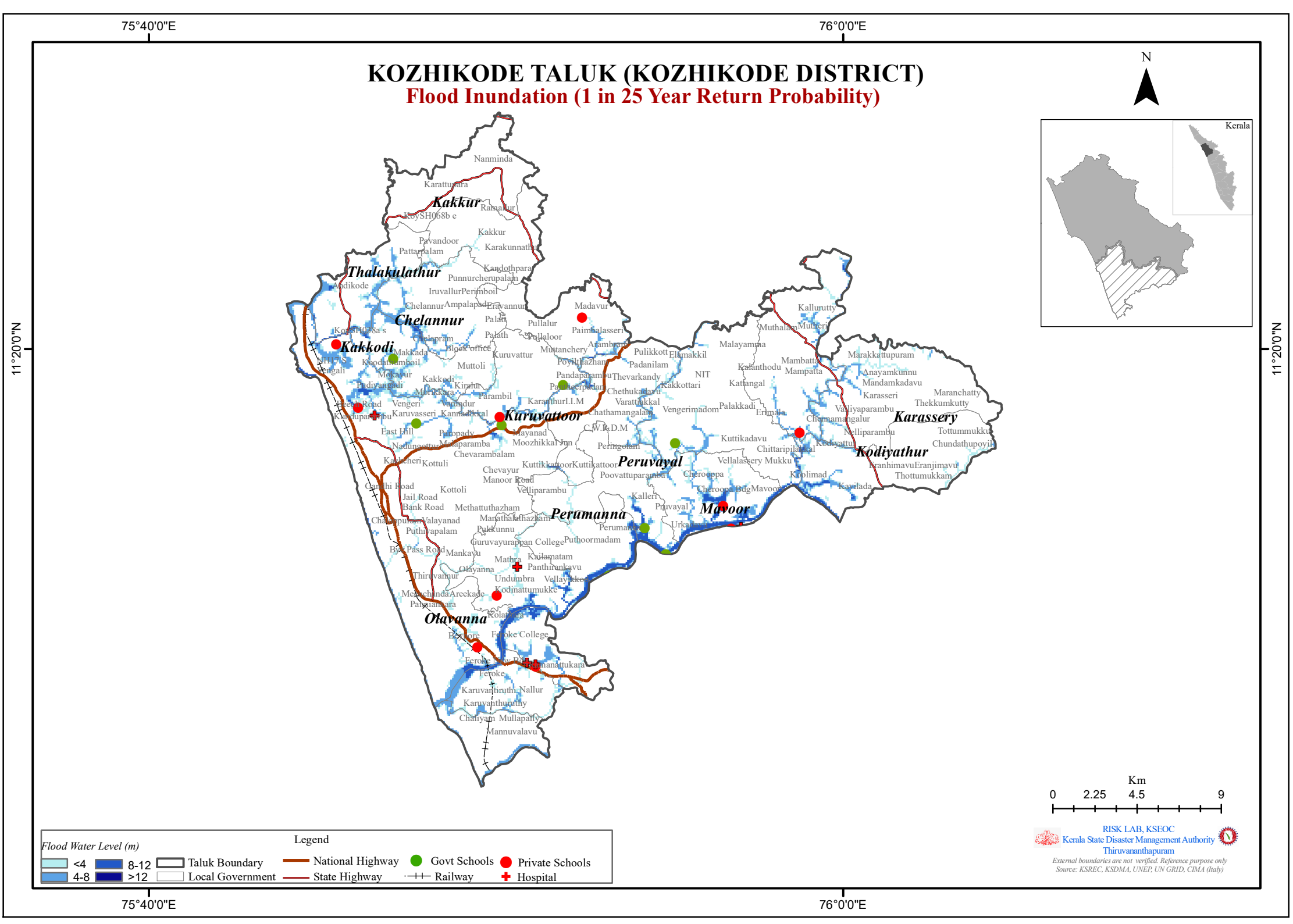
KOZHIKODE TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)



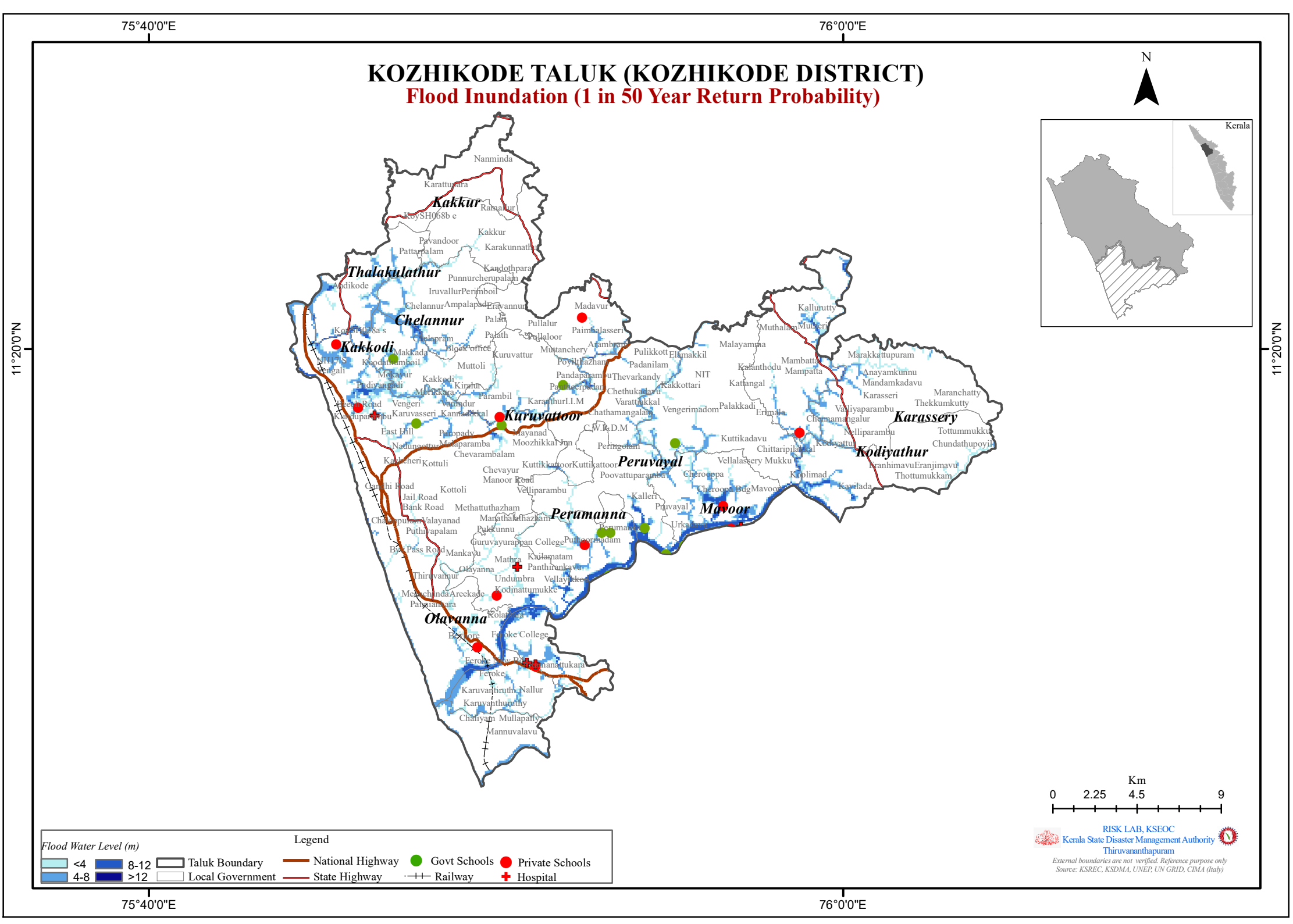
KOZHIKODE TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)



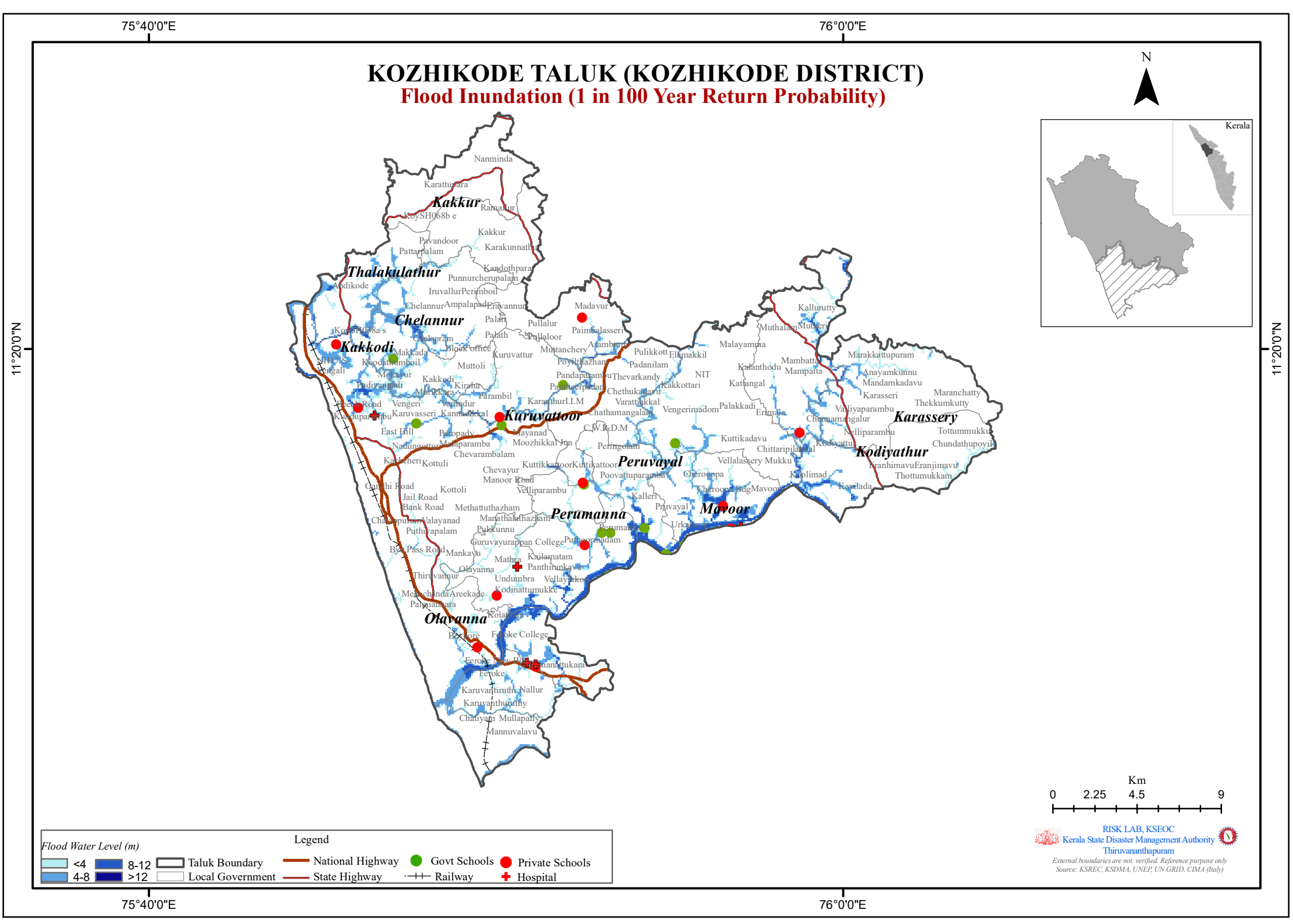
KOZHIKODE TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)



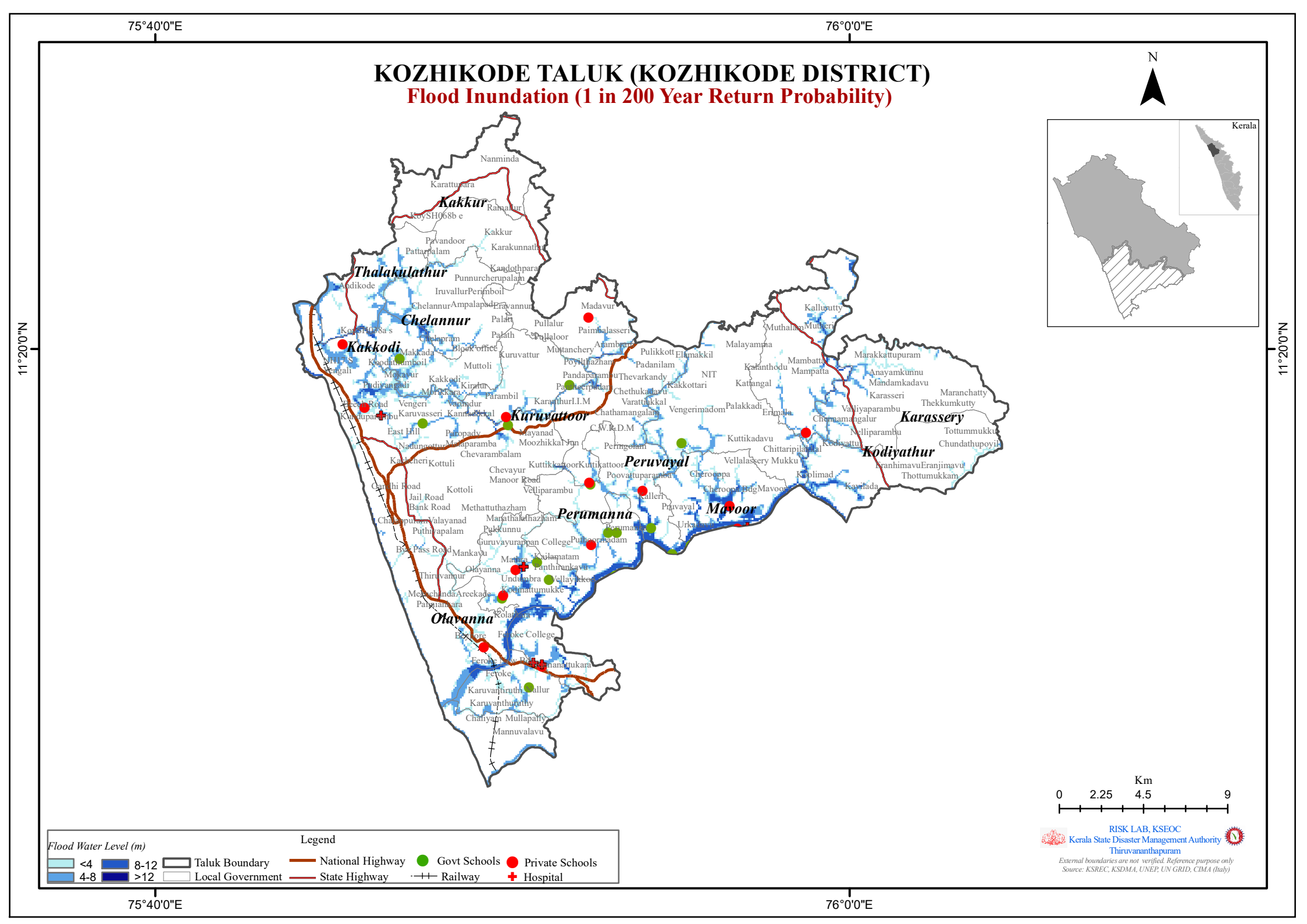
KOZHIKODE TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)



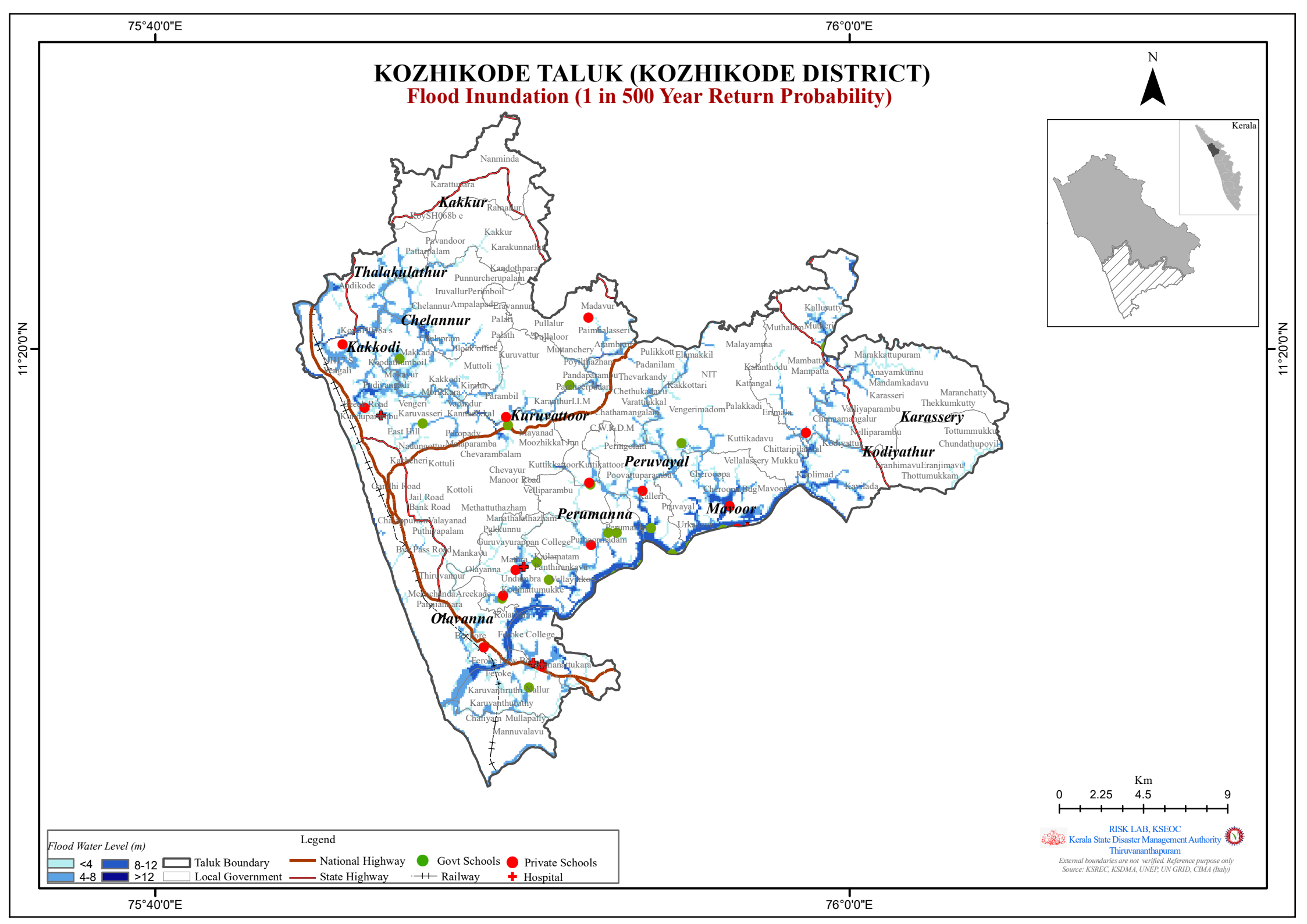
KOZHIKODE TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)



KOZHIKODE TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)



KOZHIKODE DISTRICT						
KOZHIKODE TALUK						
	Return Probability (Historic)					
Name of affected 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
Chathamangalam						
School						
GLPS Vellannur	✓	✓	✓	✓	✓	✓
Feroke Municipality						
School						
G.M.U.P.S Feroke	✓	✓	✓	✓	✓	✓
Nallur East A. U. P. S. Perumugham					✓	✓
Kakkodi						
School						
Kakkodi Panchayath A. U. P. S.	✓	✓	✓	✓	✓	✓
Kozhikkode						
Hospital						
Aswini Medical Centre, Pantheerankav	✓	✓	✓	✓	✓	✓
Kozhikode Corporation						
Hospital						
Meitra Hospital,Karaparamba ,Calicut		✓	✓	✓	✓	✓
School						
A. M. L. P. S. Chelavur Muzhikkal	✓	✓	✓	✓	✓	✓
G. L. P. S. Vengeri	✓	✓	✓	✓	✓	✓
G.L.P.S Eranhikikal	✓	✓	✓	✓	✓	✓
G.U.P.S West Hill	✓	✓	✓	✓	✓	✓
G.V.H.S S Cheruvannur	✓	✓	✓	✓	✓	✓
Kuruvattoor						
School						
G.H.S S Payambra		✓	✓	✓	✓	✓
GwLPS Payambra	✓	✓	✓	✓	✓	✓
Madavoor						
School						
G.M.U.P.S Arambram		✓	✓	✓	✓	✓
Mavoor						
School						
G.M.U.P.S Mavoor	✓	✓	✓	✓	✓	✓
Mukkam Municipality						
School						
G.U.P.S Manassery	✓	✓	✓	✓	✓	✓
Olavanna						
Hospital						
Aswini Medical Centre, Pantheerankav		✓	✓	✓	✓	✓
School						
A. M. L. P. S. Thumbayil					✓	✓
A. U. P. S. Pantheerankavu					✓	✓
G. L. P. S. Koodathumpara					✓	✓
G.U.P.S Kodal	✓	✓	✓	✓	✓	✓
Perumanna						
School						
A. M. L. P. S. Arathilparamba			✓	✓	✓	✓
G. L. P. S. Payyadimeethal			✓	✓	✓	✓
G.L.P.S Payyadimeethal			✓	✓	✓	✓
Peruvayal						
School						
A. L. P. S. Kayalam	✓	✓	✓	✓	✓	✓
A. M. L. P. S. Kuttikattur				✓	✓	✓
G.L.P.S Velliparamba				✓	✓	✓
Ramanattukara Municipality						
Hospital						
Daya Nursing Home		✓	✓	✓	✓	✓
Red Crescent Hospital		✓	✓	✓	✓	✓
Ramanattukara(M)						
Hospital						
Daya Nursing Home	✓	✓	✓	✓	✓	✓
Red Crescent Hospital	✓	✓	✓	✓	✓	✓

KOZHIKODE DISTRICT

KOZHIKODE TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Chathamangalam	4.77	13.27
2	Chelannur	4.51	9.96
3	Feroke Municipality	4.67	12.26
4	Kadalundi	1.79	7.99
5	Kakkodi	5.90	9.02
6	Kakkur	0.53	5.13
7	Karassery	4.56	10.56
8	Kodiyathur	4.90	17.38
9	Kozhikode Corporation	23.68	13.17
10	Kunnamangalam	4.08	9.7
11	Kuruvattoor	2.69	9.2
12	Madavoor Kkd	1.58	9.7
13	Mavoor	7.62	14.7
14	Mukkam Municipality	6.50	13.48
15	Nanminda	0.01	0.9
16	Olavanna	6.90	15.02
17	Perumanna	4.96	17.8
18	Peruvayal	6.18	17.8
19	Ramanattukara Municipality	5.00	14.95
20	Thalakulathur	5.13	10.6

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Chathamangalam	5.33	14.49
2	Chelannur	4.64	9.96
3	Feroke Municipality	5.71	13.62
4	Kadalundi	2.40	9.85
5	Kakkodi	6.44	9.57
6	Kakkur	0.53	5.14
7	Karassery	5.27	12.11
8	Kodiyathur	5.46	18.81
9	Kozhikode Corporation	27.86	14.47
10	Kunnamangalam	4.68	10.76
11	Kuruvattoor	3.14	9.95
12	Madavoor Kkd	1.83	10.76
13	Mavoor	8.36	15.8
14	Mukkam Municipality	7.50	15.95
15	Nanminda	0.01	0.9
16	Olavanna	9.21	16.43
17	Perumanna	5.75	19.4
18	Peruvayal	7.13	19.4
19	Ramanattukara Municipality	5.74	16.36
20	Thalakulathur	5.26	10.66

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Chathamangalam	5.79	15.4
2	Chelannur	5.03	9.96
3	Feroke Municipality	6.23	14.62
4	Kadalundi	2.57	10.18
5	Kakkodi	6.88	9.92
6	Kakkur	0.54	5.14
7	Karassery	5.87	13.29
8	Kodiyathur	5.84	19.45
9	Kozhikode Corporation	30.73	15.28
10	Kunnamangalam	5.15	11.64
11	Kuruvattoor	3.45	10.49
12	Madavoor Kkd	2.09	11.64
13	Mavoor	8.80	16.68
14	Mukkam Municipality	8.18	17.63
15	Nanminda	0.01	0.9
16	Olavanna	10.39	17.43
17	Perumanna	6.18	20.6
18	Peruvayal	8.01	20.6
19	Ramanattukara Municipality	6.15	17.36
20	Thalakulathur	5.41	10.78

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Chathamangalam	6.22	16.17
2	Chelannur	5.25	9.96
3	Feroke Municipality	6.65	15.61
4	Kadalundi	2.77	10.41
5	Kakkodi	7.43	10.91
6	Kakkur	0.54	5.14
7	Karassery	6.41	14.29
8	Kodiyathur	6.15	20.23
9	Kozhikode Corporation	35.13	15.64
10	Kunnamangalam	5.40	12.03
11	Kuruvattoor	3.68	10.98
12	Madavoor Kkd	2.27	12.03
13	Mavoor	9.27	17.38
14	Mukkam Municipality	9.04	19.22
15	Nanminda	0.04	0.9
16	Olavanna	11.04	18.43
17	Perumanna	6.57	21.5
18	Peruvayal	8.77	21.5
19	Ramanattukara Municipality	6.49	18.36
20	Thalakulathur	5.50	11.02

1 in 200 YEAR (Historic)

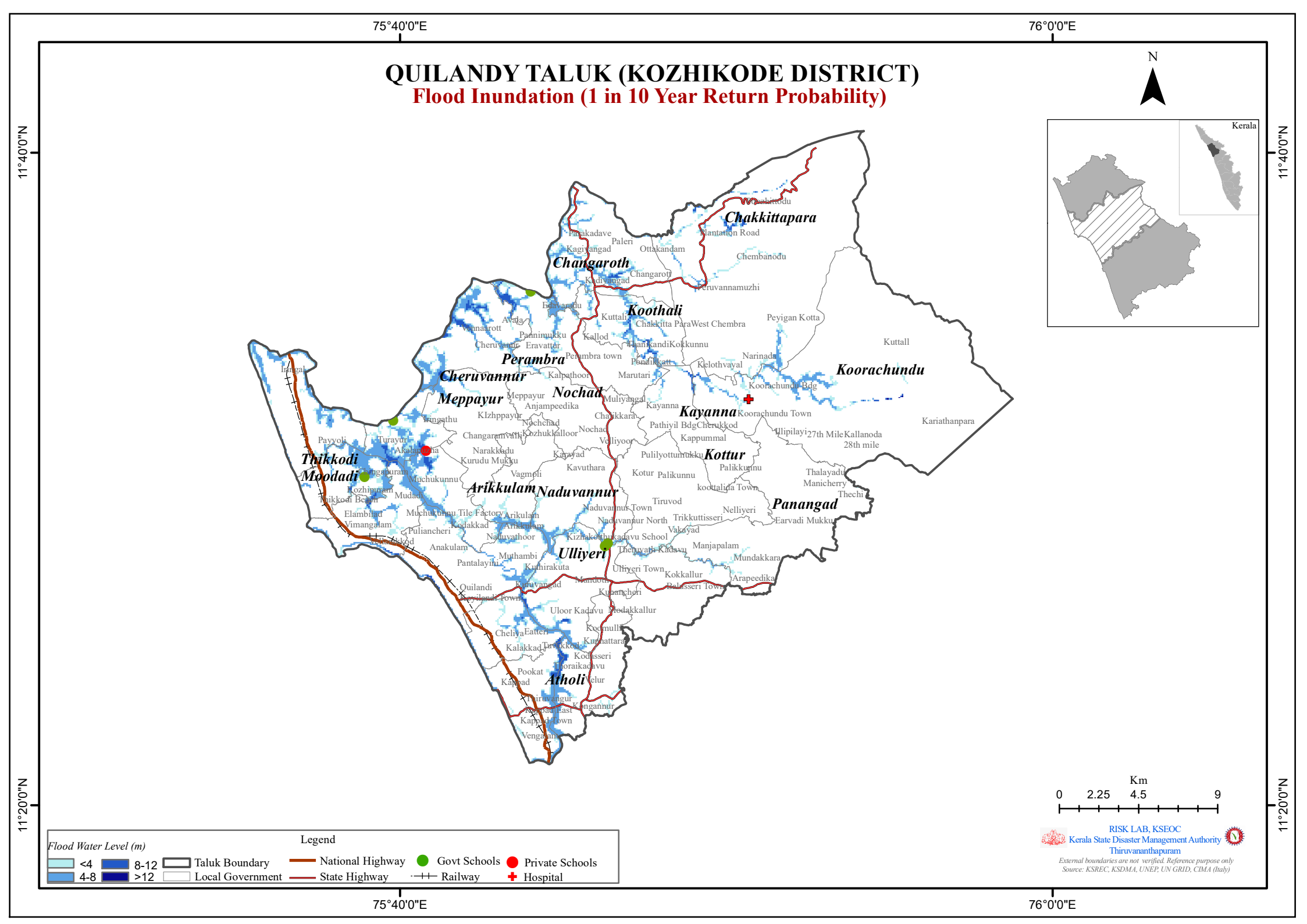
Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Chathamangalam	6.79	16.98
2	Chelannur	5.53	9.96
3	Feroke Municipality	7.20	16.62
4	Kadalundi	3.17	10.8
5	Kakkodi	7.72	11.13
6	Kakkur	0.59	5.43
7	Karassery	6.79	15.47
8	Kodiyathur	6.72	20.81
9	Kozhikode Corporation	38.78	16.65
10	Kunnamangalam	5.72	12.82
11	Kuruvattoor	3.97	11.55
12	Madavoor Kkd	2.43	12.82
13	Mavoor	9.65	18.07
14	Mukkam Municipality	9.80	21
15	Nanminda	0.05	1.04
16	Olavanna	11.98	19.33
17	Perumanna	7.11	22.4
18	Peruvayal	9.57	22.4
19	Ramanattukara Municipality	6.78	19.26
20	Thalakulathur	5.63	11.06

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Chathamangalam	7.39	17.88
2	Chelannur	5.75	9.96
3	Feroke Municipality	7.56	17.52
4	Kadalundi	3.52	11.58
5	Kakkodi	8.06	11.48
6	Kakkur	0.61	5.62
7	Karassery	7.37	16.95
8	Kodiyathur	7.15	21.59
9	Kozhikode Corporation	44.35	17.54
10	Kunnamangalam	6.19	13.81
11	Kuruvattoor	4.31	12.28
12	Madavoor Kkd	2.80	13.81
13	Mavoor	10.16	18.87
14	Mukkam Municipality	10.85	23.47
15	Nanminda	0.06	1.16
16	Olavanna	13.08	20.62
17	Perumanna	7.59	23.5
18	Peruvayal	10.33	23.5
19	Ramanattukara Municipality	7.08	20.51
20	Thalakulathur	5.80	11.09

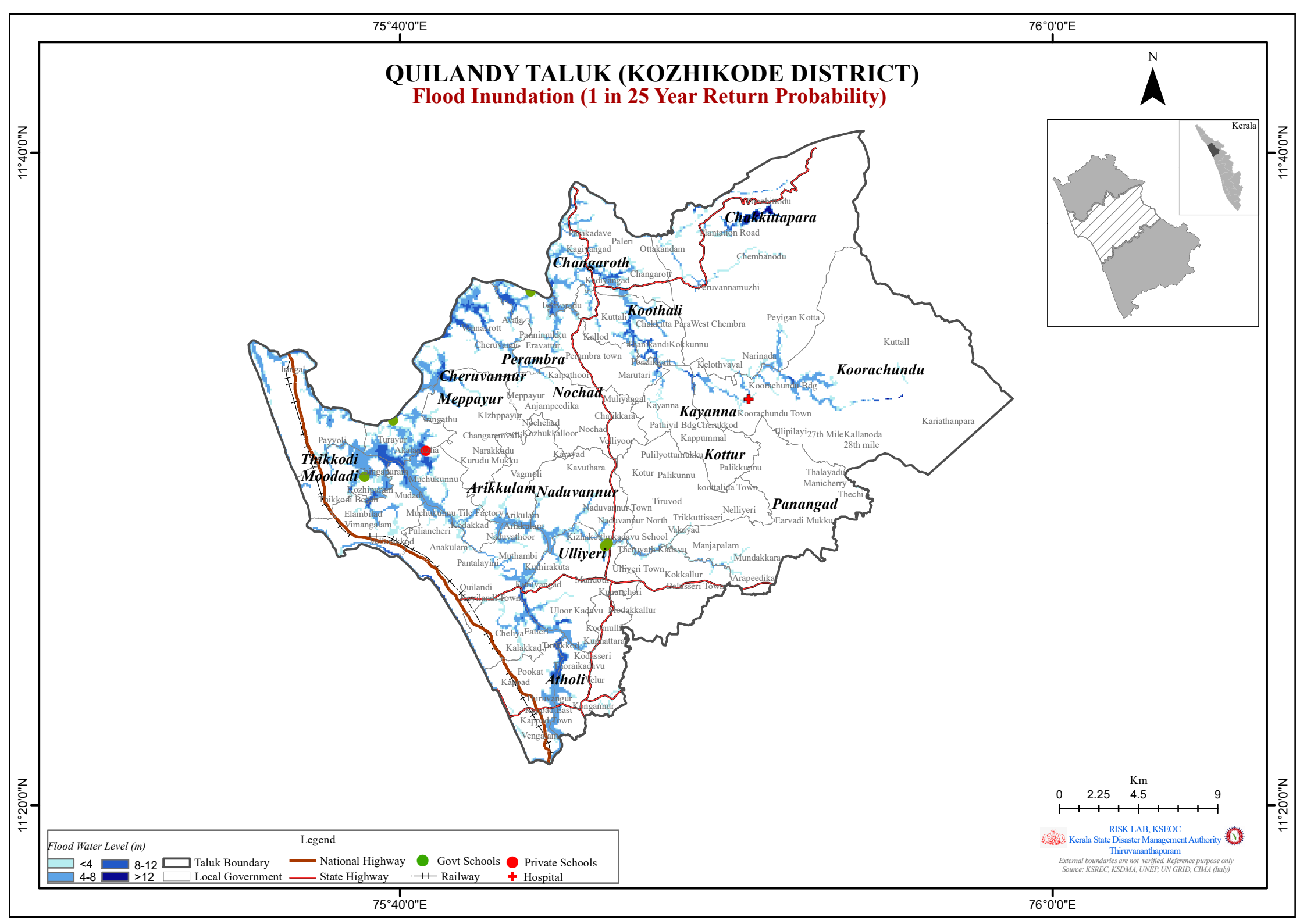
QUILANDY TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)



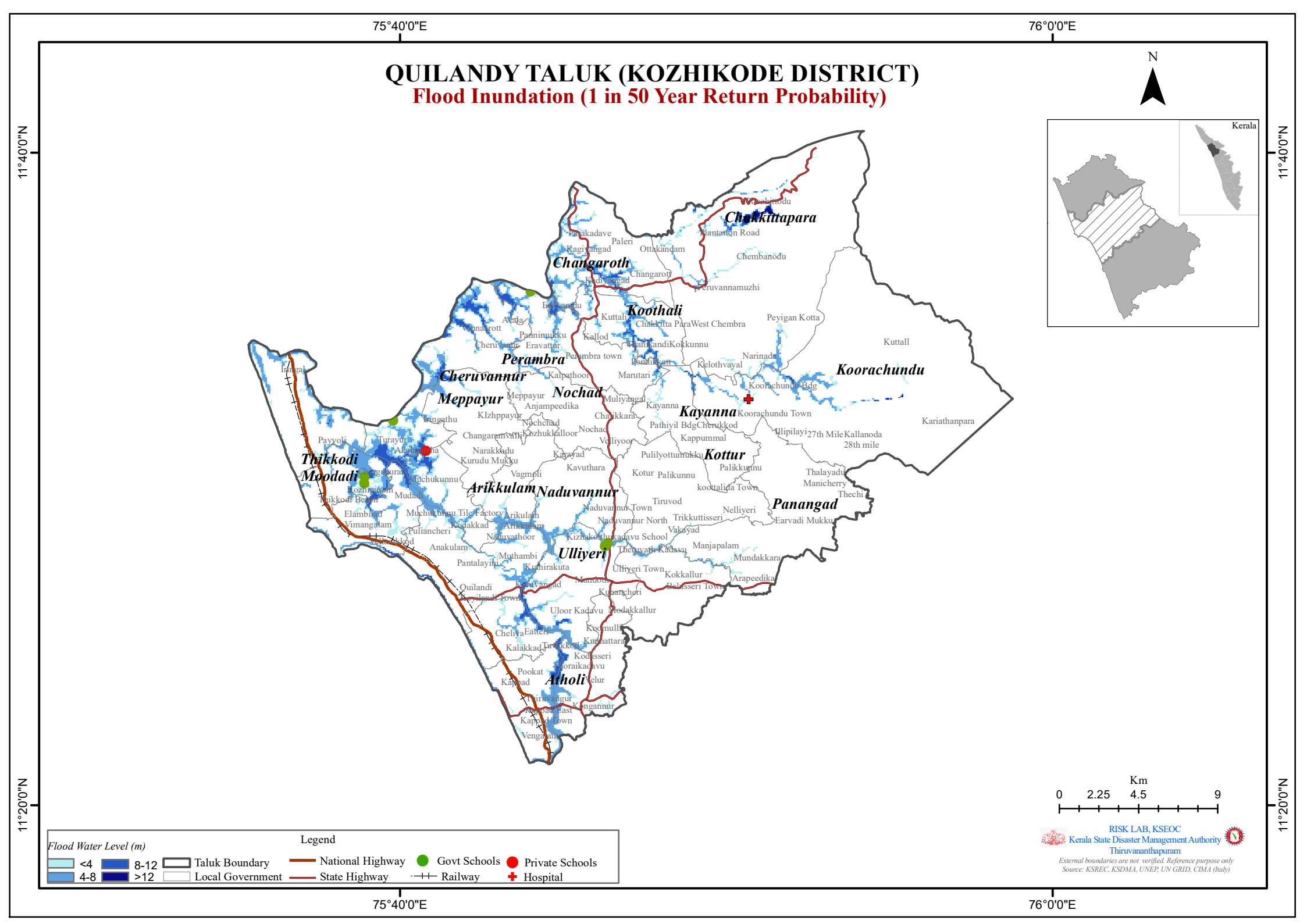
QUILANDY TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)



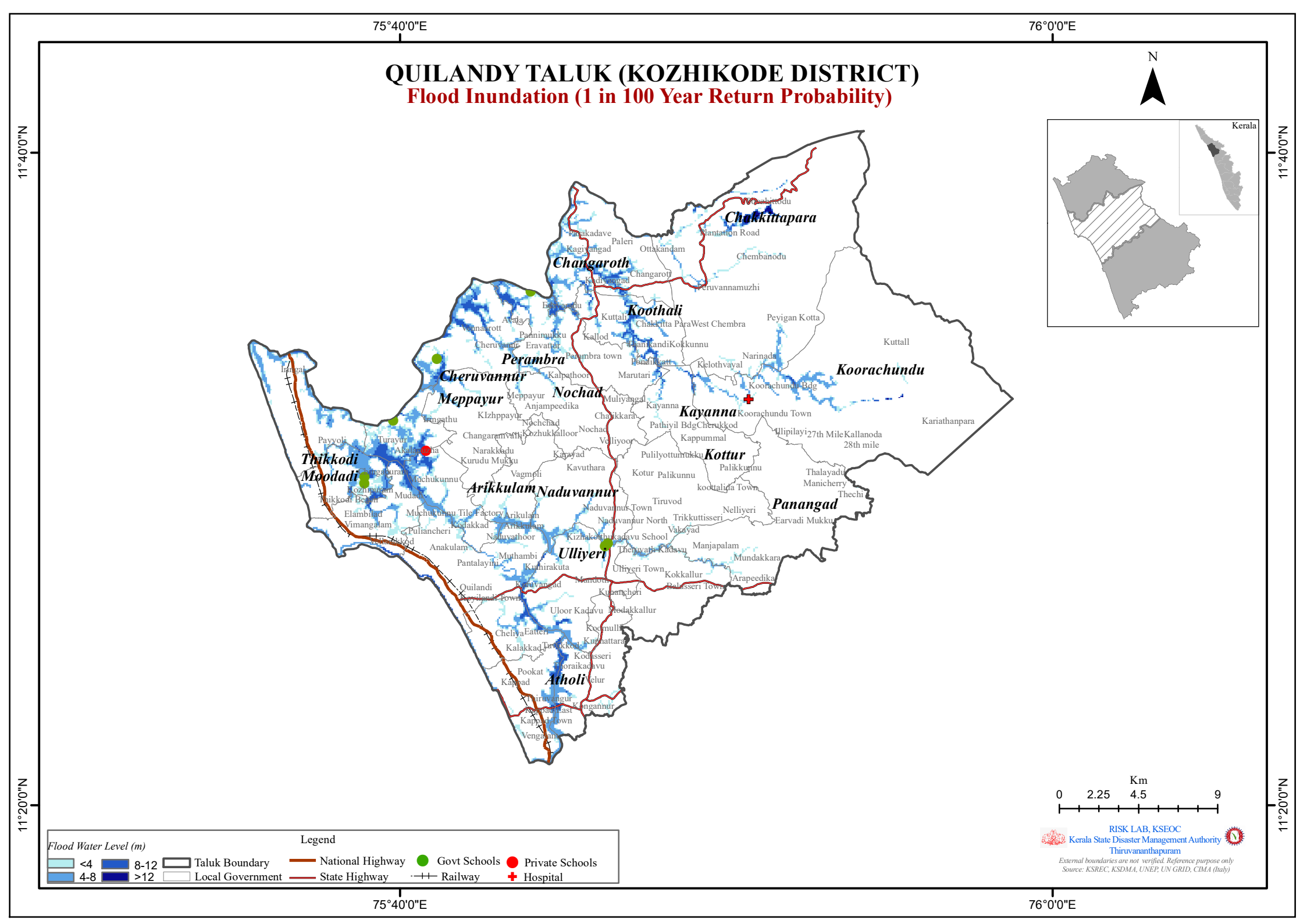
QUILANDY TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)



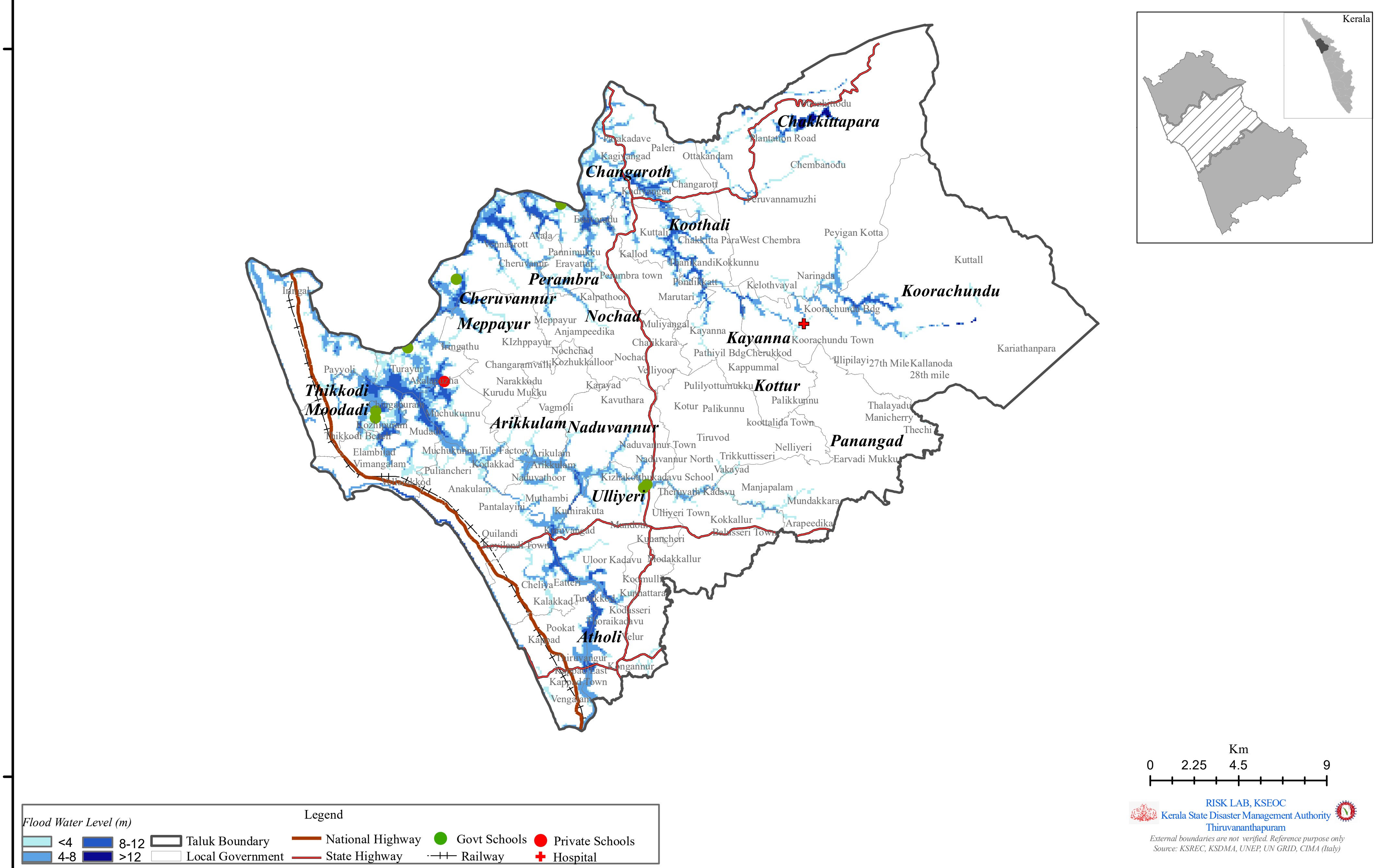
QUILANDY TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)

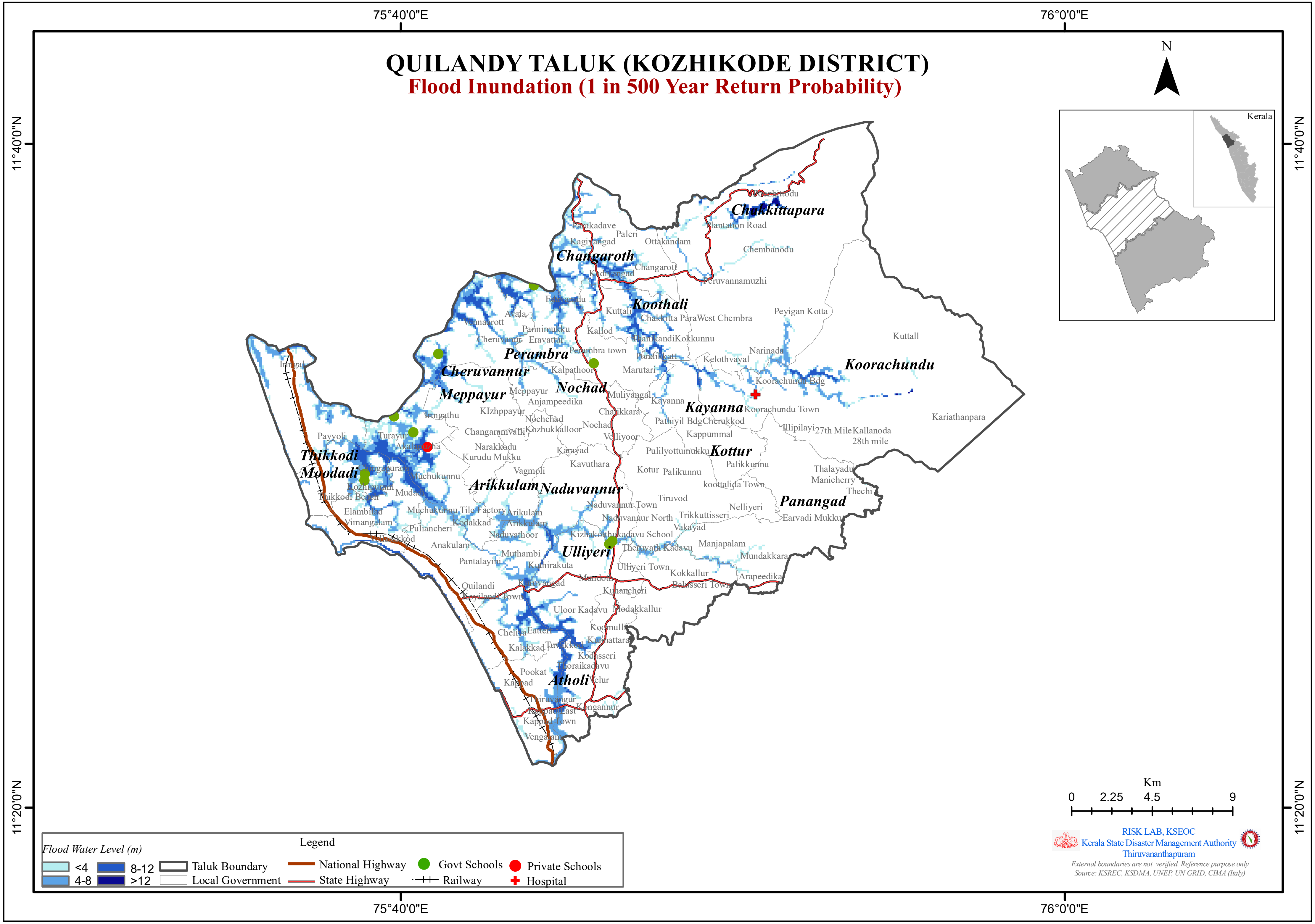


QUILANDY TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)



QUILANDY TALUK (KOZHIKODE DISTRICT)
Flood Inundation (1 in 500 Year Return Probability)



KOZHIKODE DISTRICT						
QUILANDY TALUK						
	Return Probability (Historic)					
Name of affected 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
Cheruvannur						
School						
Muyippoth L.P School				✓	✓	✓
Keezhariyur						
School						
Thurayur G.U.P.S	✓	✓	✓	✓	✓	✓
Koorachundu						
Hospital						
CHC Koorachundu	✓		✓	✓	✓	✓
Naduvannur						
School						
Naduvannur South AmUPS	✓	✓	✓	✓	✓	✓
Perambra						
School						
Edavarad AmLPS	✓	✓	✓	✓	✓	✓
Nim LPS Perambra						✓
Quilandy						
Hospital						
CHC Koorachundu		✓	✓	✓	✓	✓
Thikkodi						
School						
Purakkad North L.P School	✓	✓	✓	✓	✓	✓
Purakkad South L.P School			✓	✓	✓	✓
Thurayur						
School						
Mukappur G.L.P School						✓
Pallikkuni M.L.P School	✓	✓	✓	✓	✓	✓
Ulliyeri						
School						
GLPS Oravil	✓	✓	✓	✓	✓	✓

KOZHIKODE DISTRICT

QUILANDY TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Arikkulam	1.54	7.75
2	Atholi	2.85	10.64
3	Balussery	0.84	6.01
4	Chakkittapara	4.95	31.8
5	Changaroth	10.55	10.94
6	Chemanchery	3.36	10.71
7	Chengottukavu	2.65	9.51
8	Cheruvannur	9.35	12.46
9	Kayanna	1.18	13.5
10	Keezhariyur	5.23	10.76
11	Koorachundu	4.77	35.17
12	Koothali	5.44	12.27
13	Kottur	0.68	6.01
14	Koyilandy Municipality	6.37	9.64
15	Meppayur	2.38	9.38
16	Moodadi	4.63	10.58
17	Naduvannur	3.23	8.37
18	Nochad	0.39	5.94
19	Panangad	1.01	5.65
20	Payyoli Municipality	6.49	9.79
21	Perambra	6.28	11.93
22	Thikkodi	5.90	10.2
23	Thurayur	7.60	12.5
24	Ulliyeri	5.31	10.48

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Arikkulam	1.61	8.19
2	Atholi	2.98	10.87
3	Balussery	0.91	6.1
4	Chakkittapara	7.91	79.7
5	Changaroth	12.07	12.1
6	Chemanchery	3.45	10.95
7	Chengottukavu	3.11	10.01
8	Cheruvannur	10.45	13.96
9	Kayanna	1.46	15.4
10	Keezhariyur	5.56	11.57
11	Koorachundu	5.22	35.27
12	Koothali	6.06	14.11
13	Kottur	0.75	6.16
14	Koyilandy Municipality	6.90	10.42
15	Meppayur	2.66	10.26
16	Moodadi	5.20	11.58
17	Naduvannur	3.45	9.13
18	Nochad	0.62	7.11
19	Panangad	1.08	5.85
20	Payyoli Municipality	7.28	10.55
21	Perambra	7.17	13.24
22	Thikkodi	6.23	11.08
23	Thurayur	7.88	13.1
24	Ulliyeri	5.66	11.02

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Arikkulam	1.69	8.64
2	Atholi	3.11	11.13
3	Balussery	1.00	6.36
4	Chakkittapara	8.11	80.15
5	Changaroth	12.97	12.95
6	Chemanchery	3.53	11.23
7	Chengottukavu	3.23	10.6
8	Cheruvannur	11.20	15
9	Kayanna	1.77	16.8
10	Keezhariyur	5.67	11.97
11	Koorachundu	5.37	35.37
12	Koothali	6.57	15.29
13	Kottur	0.81	6.46
14	Koyilandy Municipality	7.39	10.98
15	Meppayur	2.77	10.38
16	Moodadi	6.29	13.08
17	Naduvannur	3.60	9.61
18	Nochad	0.74	7.93
19	Panangad	1.18	6.34
20	Payyoli Municipality	7.85	10.88
21	Perambra	8.20	14.27
22	Thikkodi	6.53	11.45
23	Thurayur	7.98	13.5
24	Ulliyeri	5.94	11.45

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Arikkulam	2.89	9.26
2	Atholi	3.15	11.21
3	Balussery	1.08	6.83
4	Chakkittapara	8.32	80.52
5	Changaroth	13.74	13.76
6	Chemanchery	3.66	11.32
7	Chengottukavu	3.37	11.2
8	Cheruvannur	11.67	16
9	Kayanna	2.16	16.8
10	Keezhariyur	5.96	12.09
11	Koorachundu	5.52	35.47
12	Koothali	6.99	16.48
13	Kottur	0.87	6.83
14	Koyilandy Municipality	8.85	13.67
15	Meppayur	2.97	10.76
16	Moodadi	6.90	14.15
17	Naduvannur	4.16	10
18	Nochad	0.93	8.67
19	Panangad	1.25	6.83
20	Payyoli Municipality	8.28	11.18
21	Perambra	8.97	15.25
22	Thikkodi	6.76	11.63
23	Thurayur	8.03	13.6
24	Ulliyeri	6.45	11.54

1 in 200 YEAR (Historic)

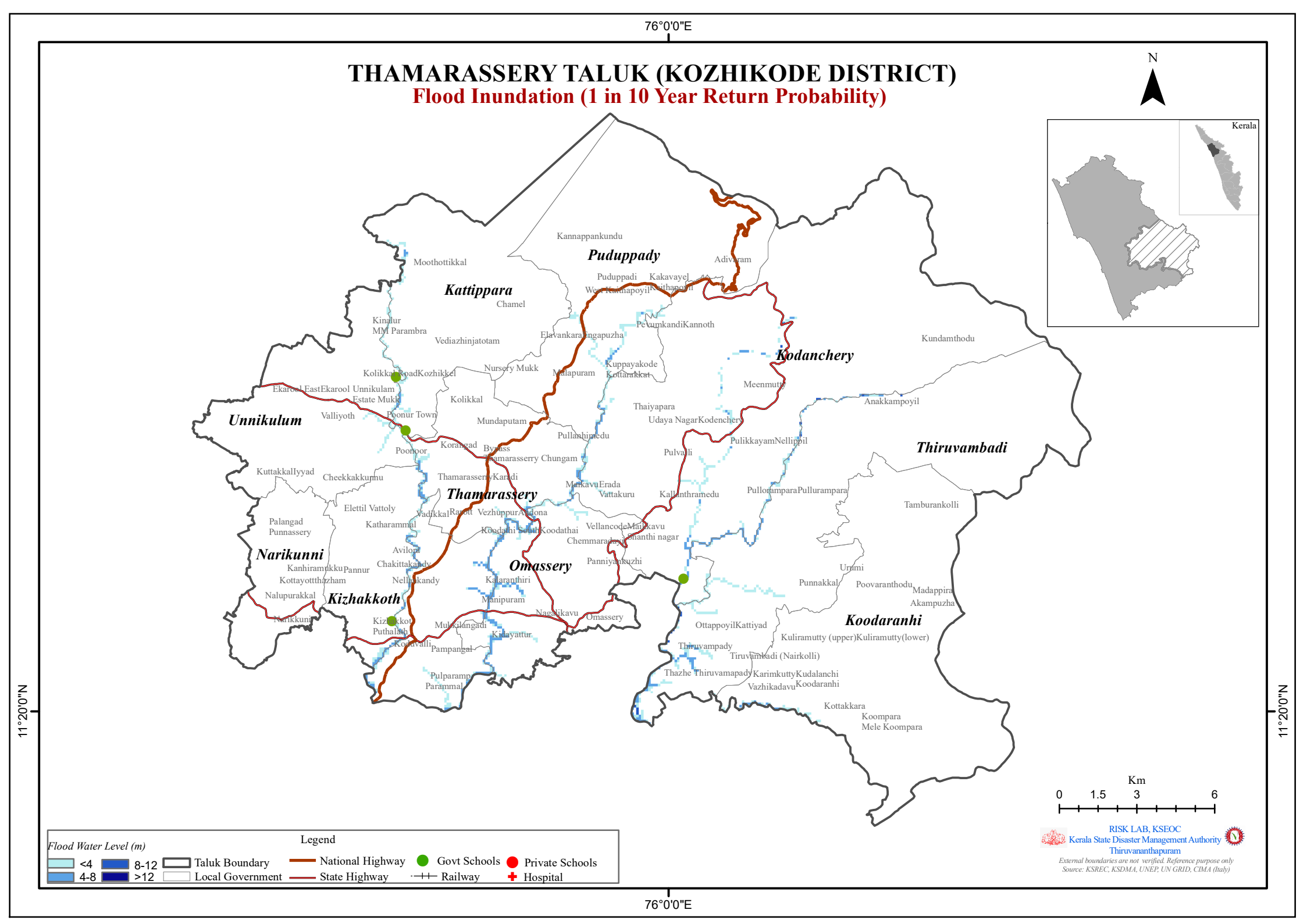
Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Arikkulam	2.98	9.58
2	Atholi	3.20	11.26
3	Balussery	1.14	7.33
4	Chakkittapara	8.71	80.76
5	Changaroth	14.39	14.36
6	Chemanchery	3.74	11.37
7	Chengottukavu	3.50	11.48
8	Cheruvannur	12.34	17.1
9	Kayanna	2.33	16.8
10	Keezhariyur	6.06	12.23
11	Koorachundu	5.70	35.57
12	Koothali	7.40	17.56
13	Kottur	0.95	7.17
14	Koyilandy Municipality	9.20	13.87
15	Meppayur	3.36	11.17
16	Moodadi	7.19	14.63
17	Naduvannur	4.29	10.39
18	Nochad	1.37	9.44
19	Panangad	1.31	7.33
20	Payyoli Municipality	8.59	11.49
21	Perambra	9.64	15.75
22	Thikkodi	6.96	11.83
23	Thurayur	8.07	13.7
24	Ulliyeri	6.71	11.66

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Arikkulam	3.11	9.99
2	Atholi	3.29	11.35
3	Balussery	1.26	8.02
4	Chakkittapara	9.06	80.96
5	Changaroth	15.29	15.38
6	Chemanchery	3.85	11.47
7	Chengottukavu	3.55	11.81
8	Cheruvannur	13.18	18.2
9	Kayanna	2.62	17.7
10	Keezhariyur	6.21	12.54
11	Koorachundu	5.96	35.67
12	Koothali	8.02	19.3
13	Kottur	1.04	7.57
14	Koyilandy Municipality	9.69	14.17
15	Meppayur	3.73	11.64
16	Moodadi	8.07	15.16
17	Naduvannur	4.52	10.89
18	Nochad	1.75	10.45
19	Panangad	1.43	8.02
20	Payyoli Municipality	9.47	11.89
21	Perambra	10.74	16.85
22	Thikkodi	7.53	12.17
23	Thurayur	8.14	14
24	Ulliyeri	7.00	11.99

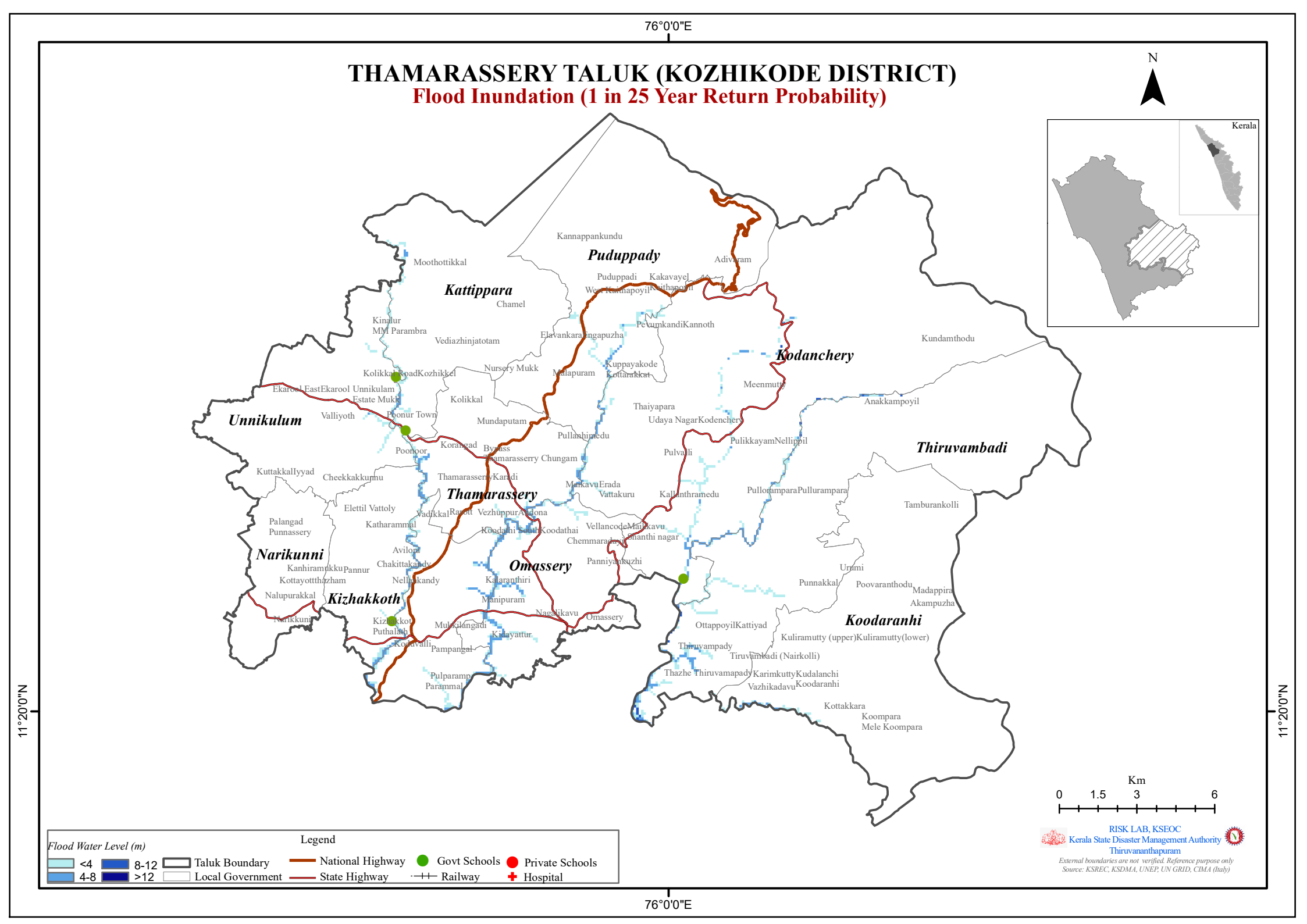
THAMARASSERY TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 10 Year Return Probability)



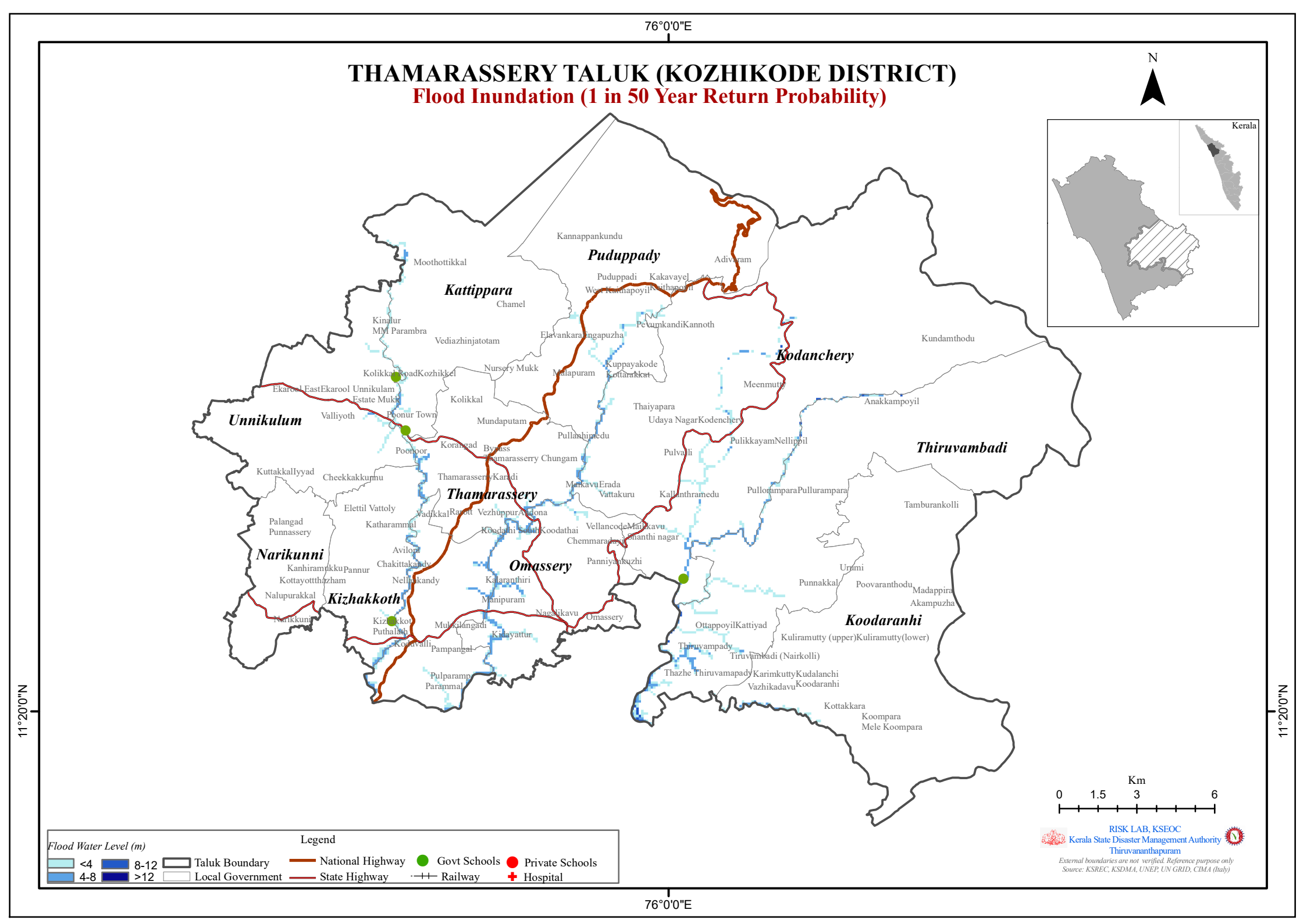
THAMARASSERY TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)



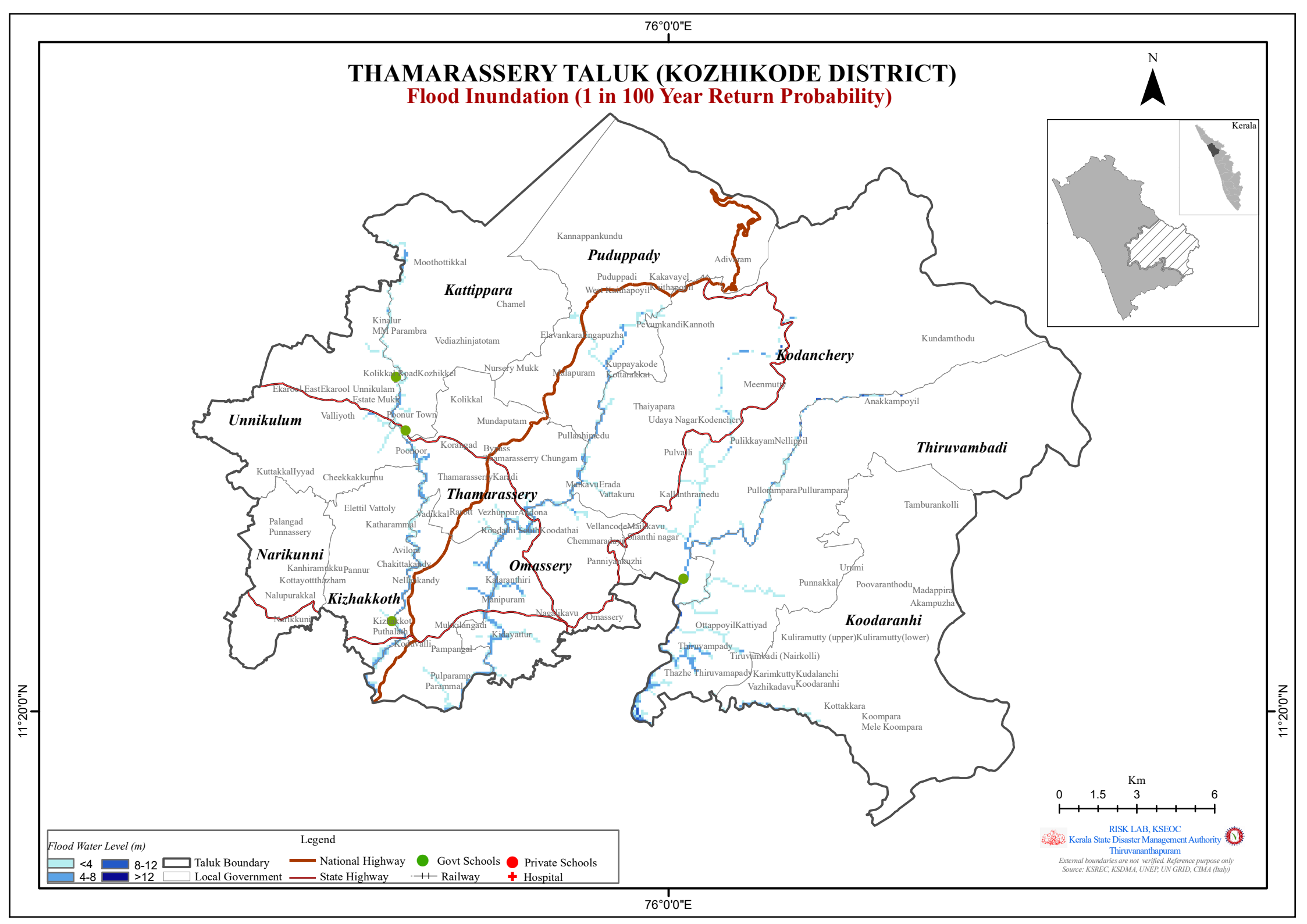
THAMARASSERY TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)



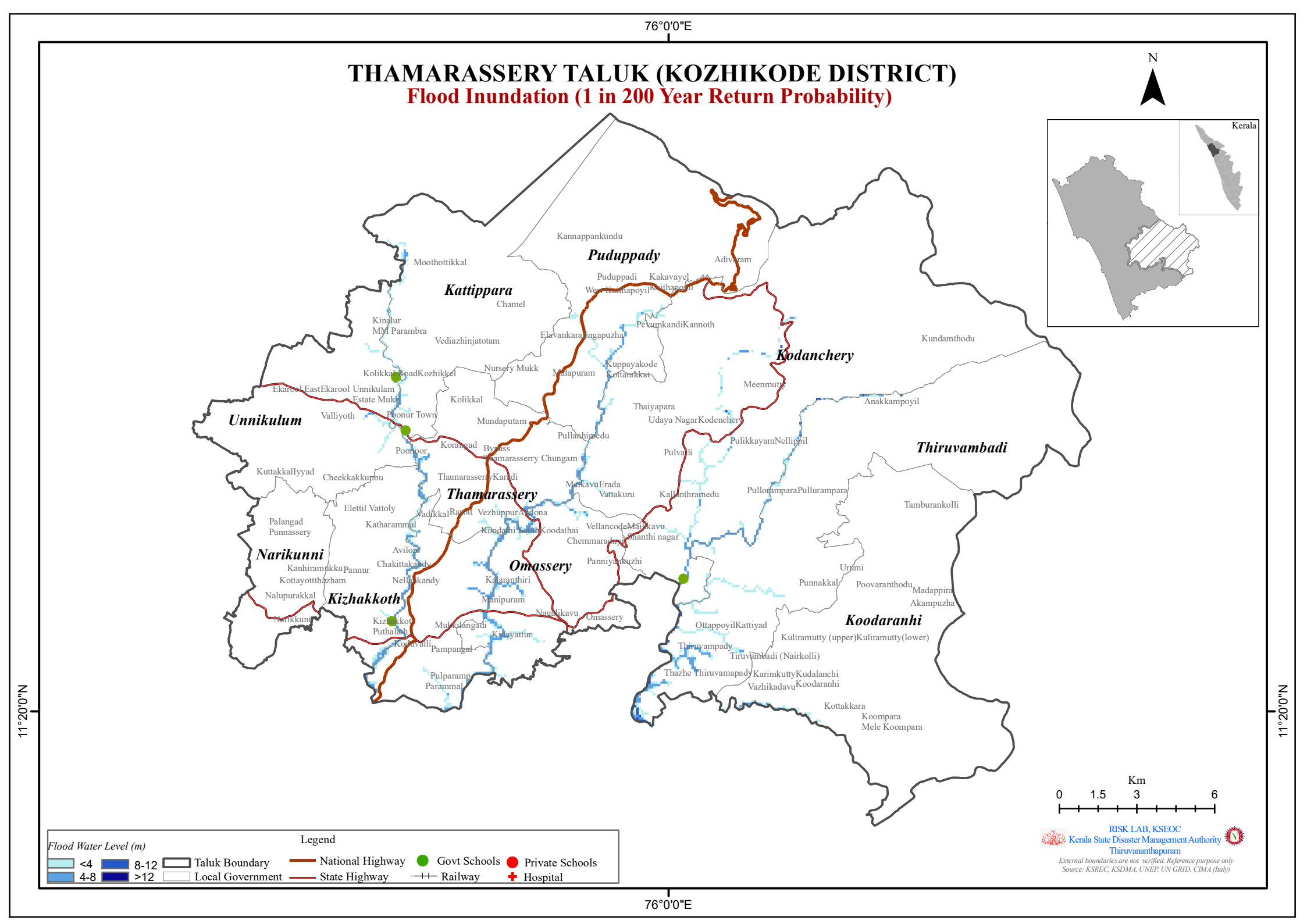
THAMARASSERY TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 100 Year Return Probability)



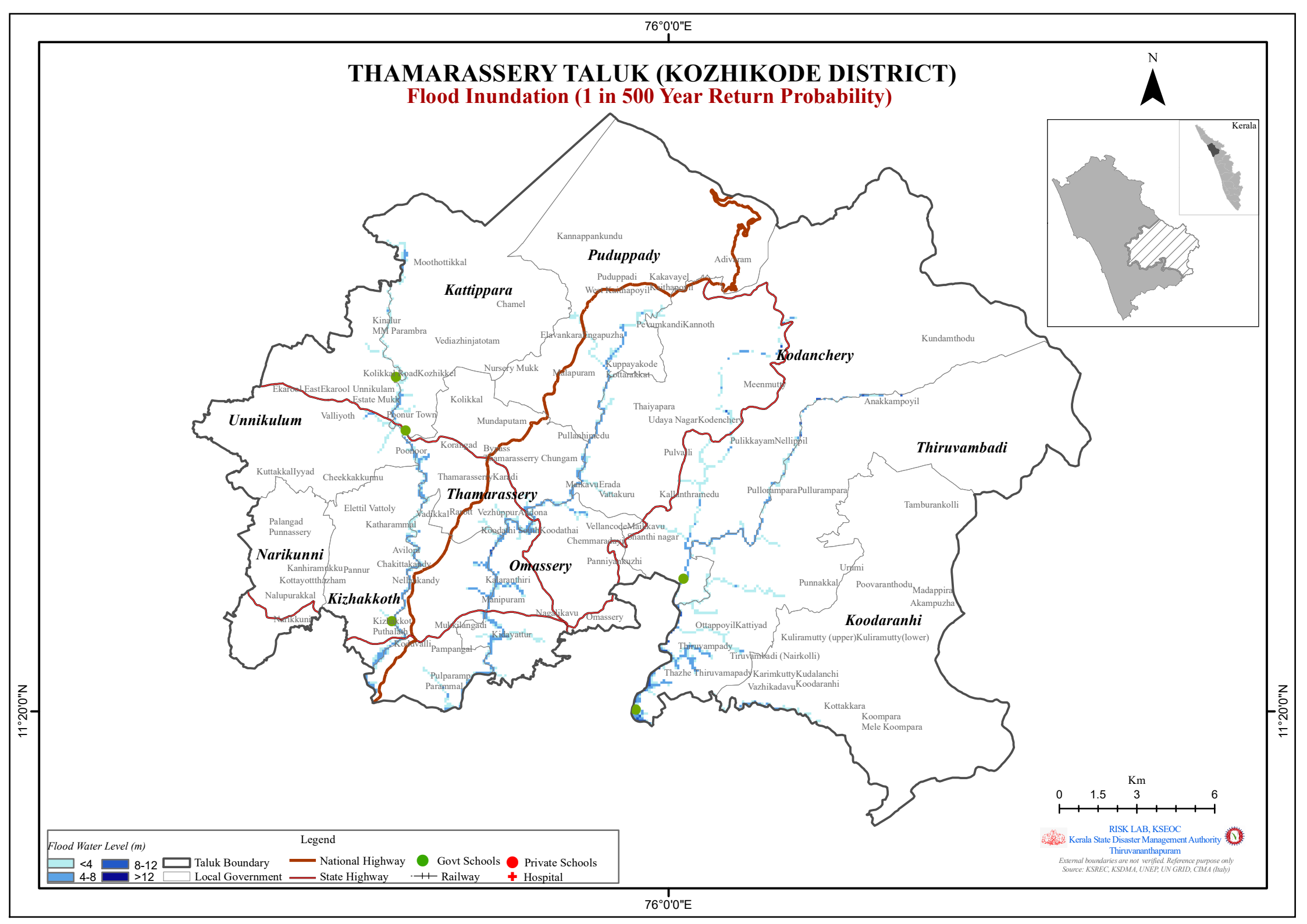
THAMARASSERY TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)



THAMARASSERY TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)



List of affected Schools/ Hospitals (LSG Wise)

KOZHIKODE DISTRICT						
THAMARASSERY TALUK						
	Return Probability (Historic)					
Name of affected 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
Kattippara						
School						
ALPS Pallippuram	✓	✓	✓	✓	✓	✓
Kizhakkoth						
School						
A.M.M.A.L.P School Kizhakkoth	✓	✓	✓	✓	✓	✓
Kodanchery						
School						
GLPS Murampathy	✓	✓	✓	✓	✓	✓
Thiruvambadi						
School						
Sanjoe PrathikSHa Bhavan Special School For Mentally Challenged						✓
Unnikulum						
School						
GLPS Madathumpoyil	✓	✓	✓	✓	✓	✓

KOZHIKODE DISTRICT

THAMARASSERY TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Kattippara	0.98	4.82
2	Kizhakkoth	0.94	6
3	Kodanchery	3.12	11.73
4	Koduvally Municipality	2.10	8.2
5	Koodaranhi	0.41	5.08
6	Omassery	2.41	8.2
7	Puduppady	1.09	5.2
8	Thamarassery	1.35	7.3
9	Thiruvambadi	4.16	13.48
10	Unnikulum	0.73	3.89

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Kattippara	1.03	5.08
2	Kizhakkoth	1.00	6.39
3	Kodanchery	3.53	13.92
4	Koduvally Municipality	2.43	9.2
5	Koodaranhi	0.44	5.47
6	Omassery	2.95	9.2
7	Puduppady	1.23	5.4
8	Thamarassery	1.63	8.3
9	Thiruvambadi	4.75	15.95
10	Unnikulum	0.76	4.48

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Kattippara	1.09	5.25
2	Kizhakkoth	1.10	6.89
3	Kodanchery	4.08	15.59
4	Koduvally Municipality	2.70	10
5	Koodaranhi	0.46	6.48
6	Omassery	3.26	10
7	Puduppady	1.41	6
8	Thamarassery	1.80	9.02
9	Thiruvambadi	5.29	17.63
10	Unnikulum	0.90	4.88

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Kattippara	1.12	5.48
2	Kizhakkoth	1.17	7.48
3	Kodanchery	4.64	17.06
4	Koduvally Municipality	2.88	10.68
5	Koodaranhi	0.51	7.38
6	Omassery	3.77	10.68
7	Puduppady	1.51	6.7
8	Thamarassery	1.99	9.73
9	Thiruvambadi	5.89	19.22
10	Unnikulum	1.02	5.27

1 in 200 YEAR (Historic)

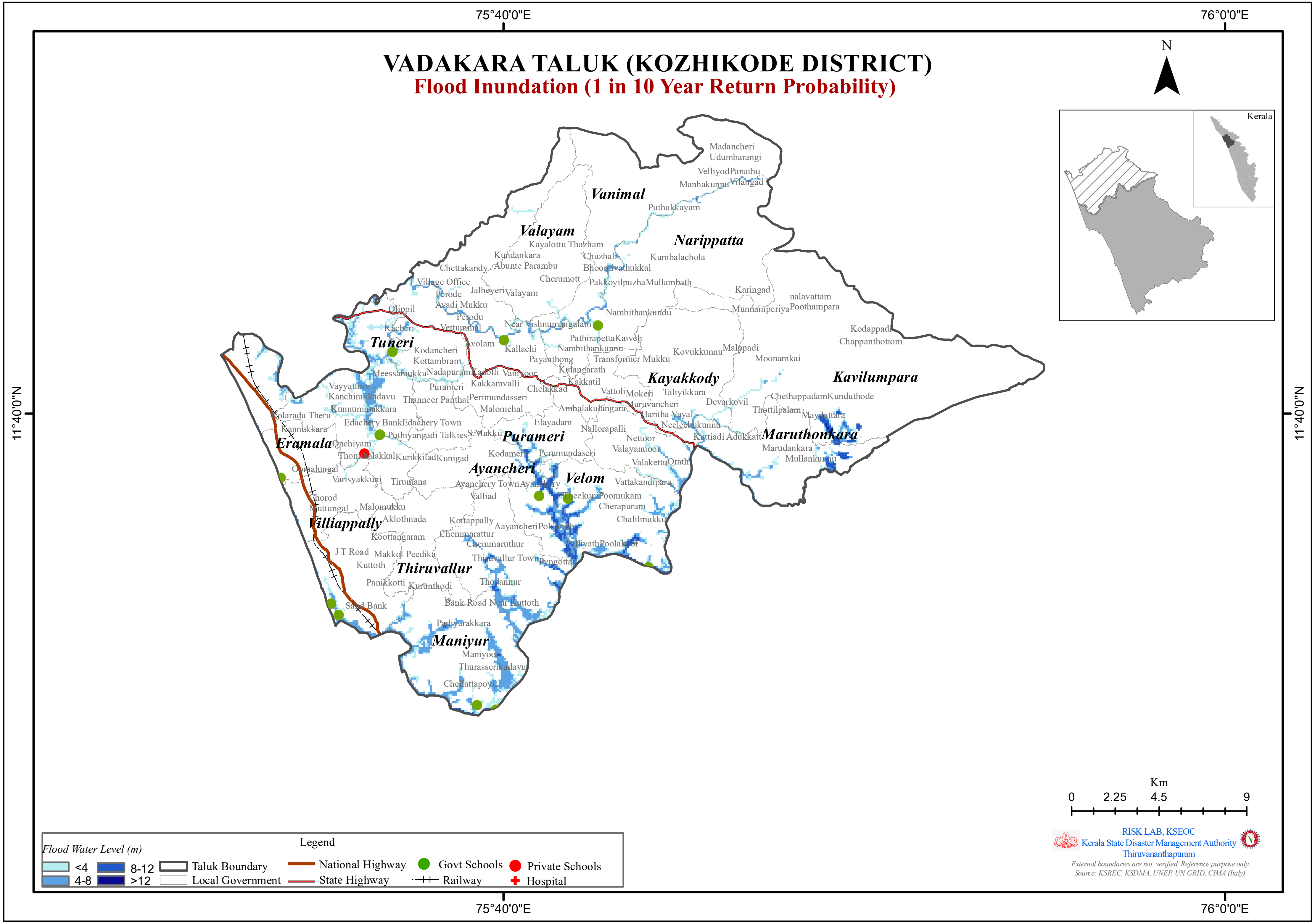
Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Kattippara	1.15	5.67
2	Kizhakkoth	1.34	7.98
3	Kodanchery	5.00	18.67
4	Koduvally Municipality	3.05	11.37
5	Koodaranhi	0.56	8.15
6	Omassery	4.25	11.37
7	Puduppady	1.62	7.3
8	Thamarassery	2.21	10.35
9	Thiruvambadi	6.47	21
10	Unnikulum	1.07	5.67

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Kattippara	1.18	5.97
2	Kizhakkoth	1.48	8.68
3	Kodanchery	5.69	20.89
4	Koduvally Municipality	3.36	11.9
5	Koodaranhi	0.64	9.25
6	Narikunni	0.04	0.25
7	Omassery	4.79	11.9
8	Puduppady	1.92	8.2
9	Thamarassery	2.44	11.23
10	Thiruvambadi	7.21	23.47
11	Unnikulum	1.12	5.97

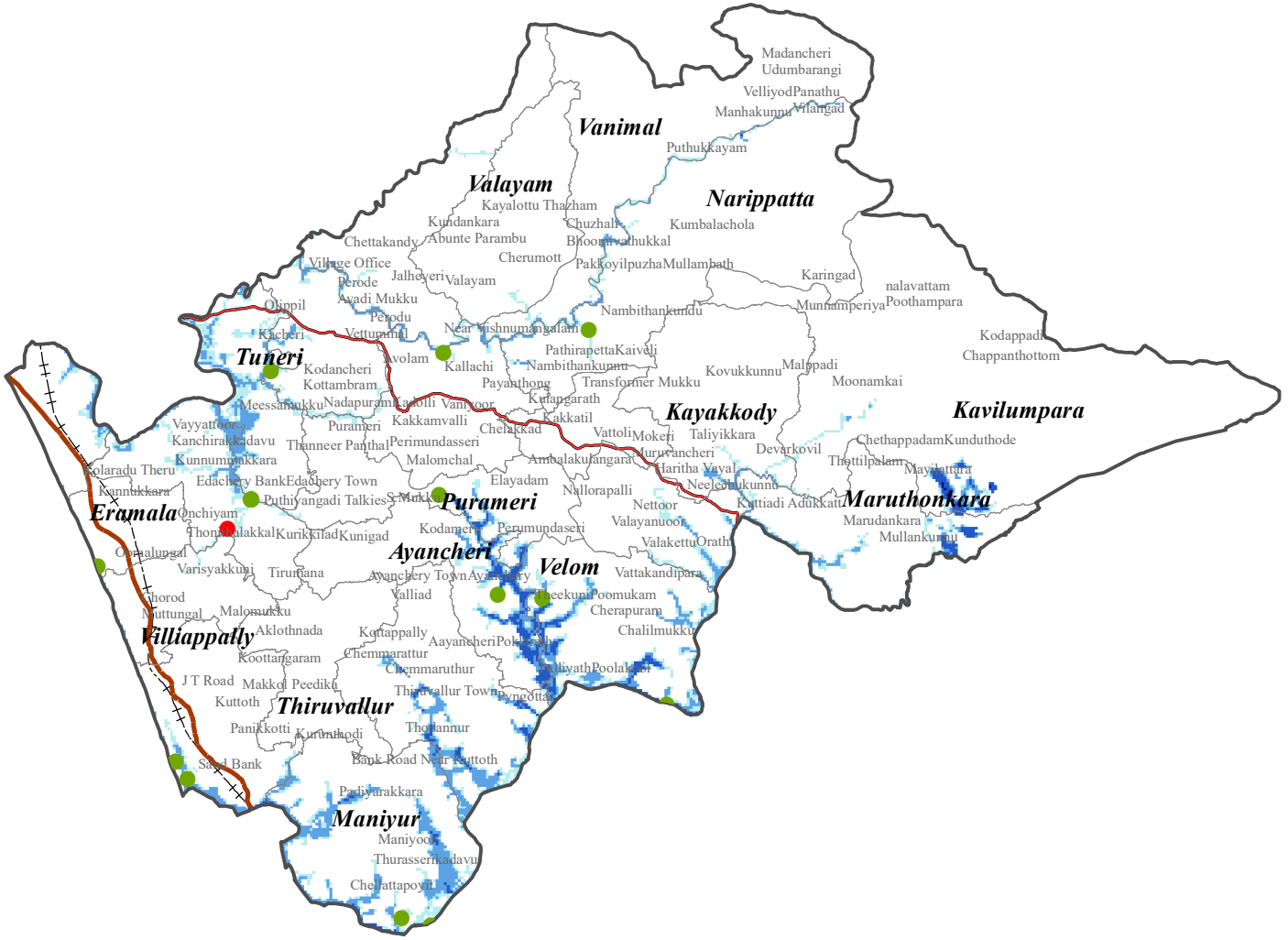
VADAKARA TALUK (KOZHIKODE DISTRICT)

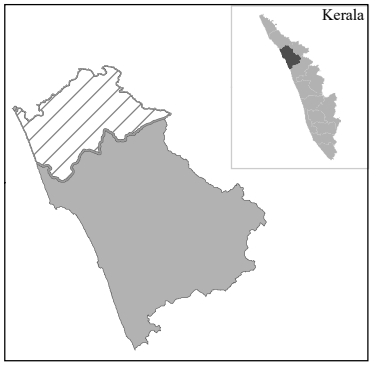
Flood Inundation (1 in 10 Year Return Probability)



VADAKARA TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 25 Year Return Probability)





N

11°40'0"N

75°40'0"E

76°0'0"E

Km
0 2.25 4.5 9

Legend

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

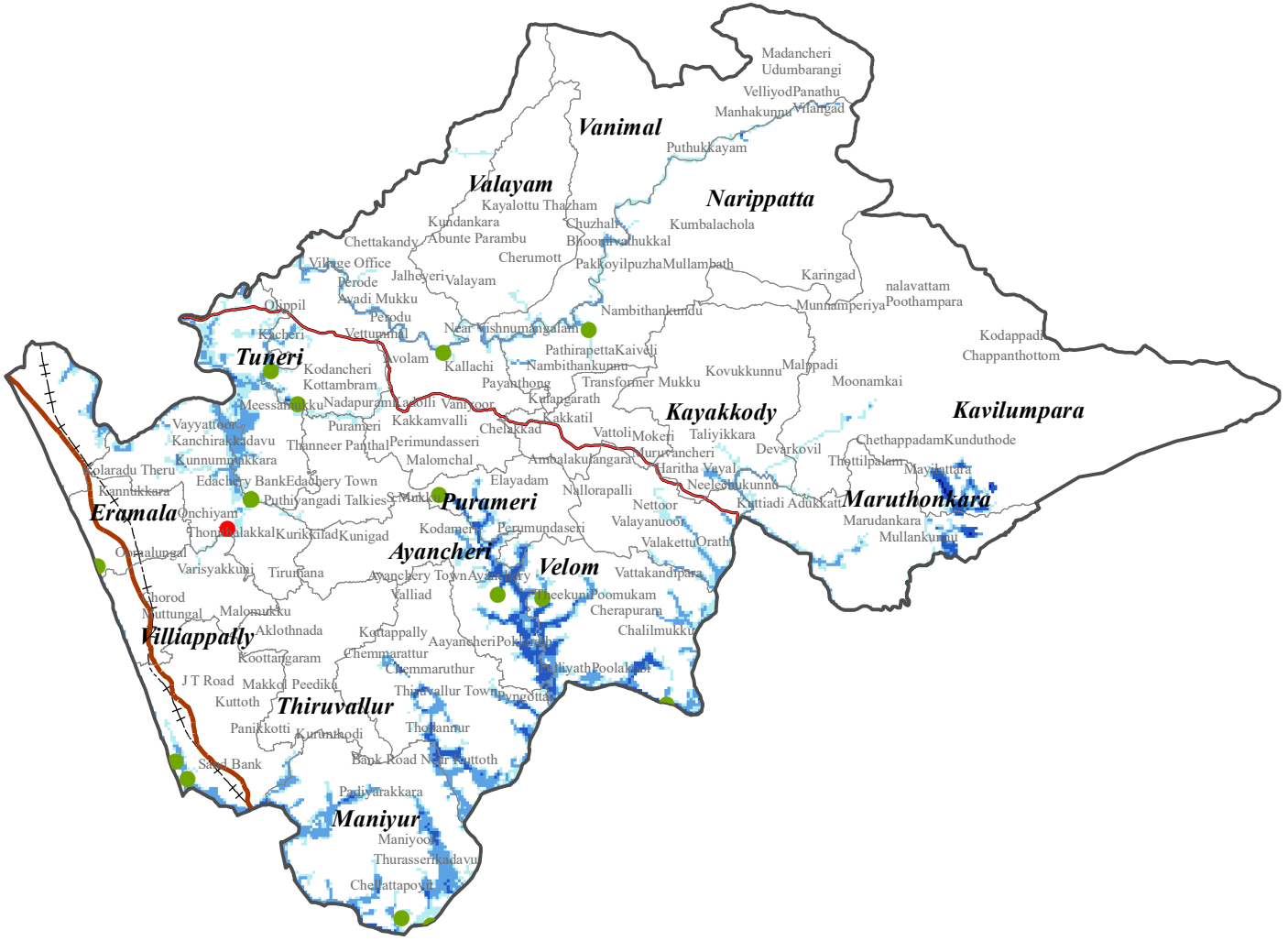
Taluk Boundary
Local Government
National Highway
State Highway
Railway
Govt Schools
Private Schools
Hospital

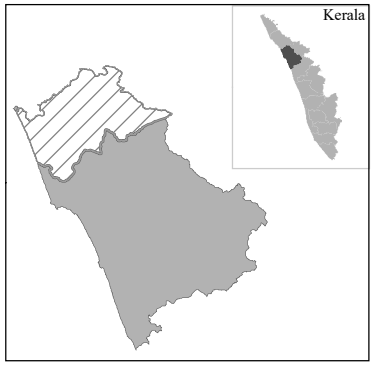
RISK LAB, KSEOC
Kerala State Disaster Management Authority
Thiruvananthapuram

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

VADAKARA TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 50 Year Return Probability)





N

11°40'0"N

75°40'0"E

76°0'0"E

Km
0 2.25 4.5 9

Legend

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

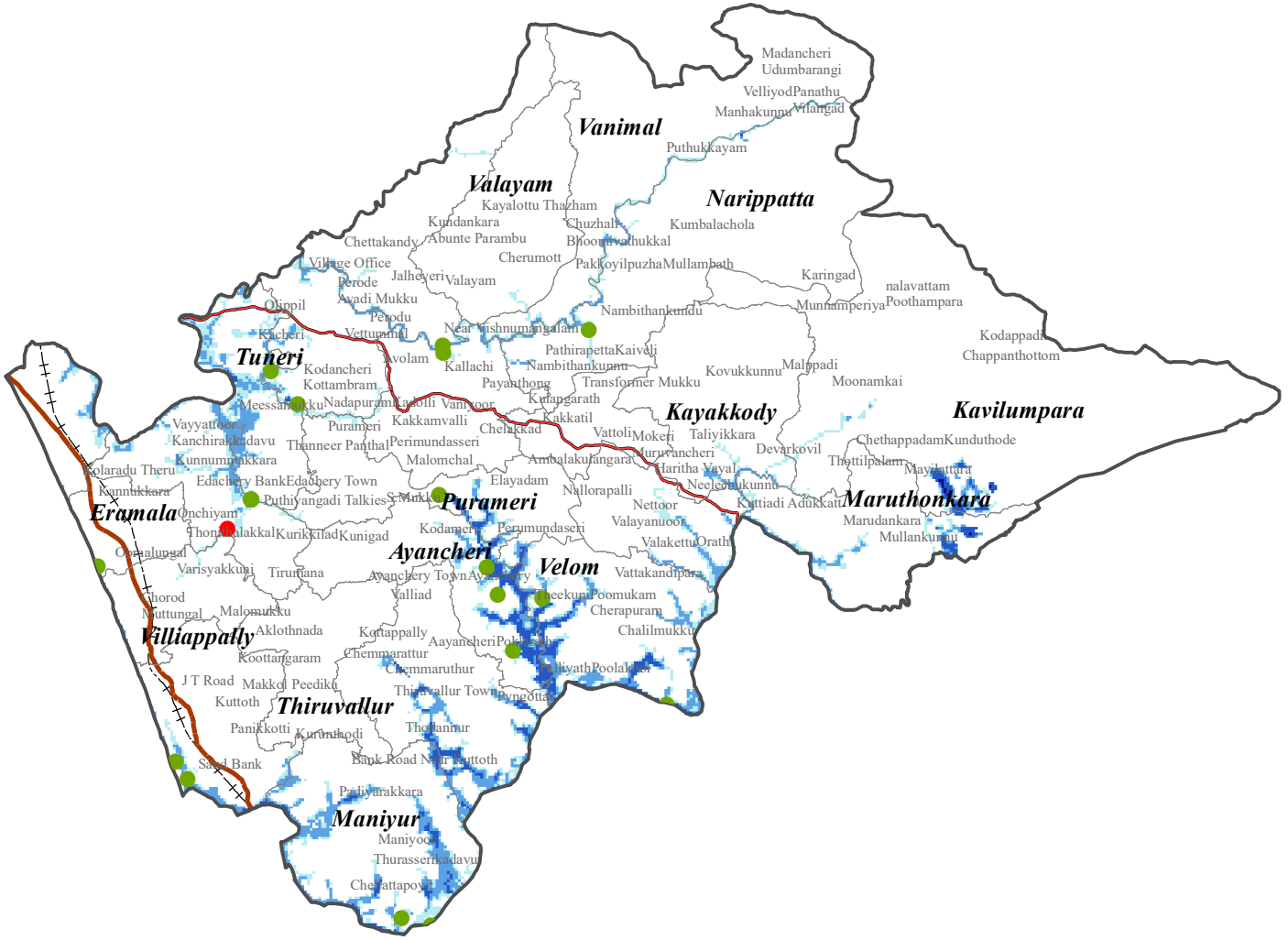
Taluk Boundary
Local Government
National Highway
State Highway
Railway
Govt Schools
Private Schools
Hospital

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)

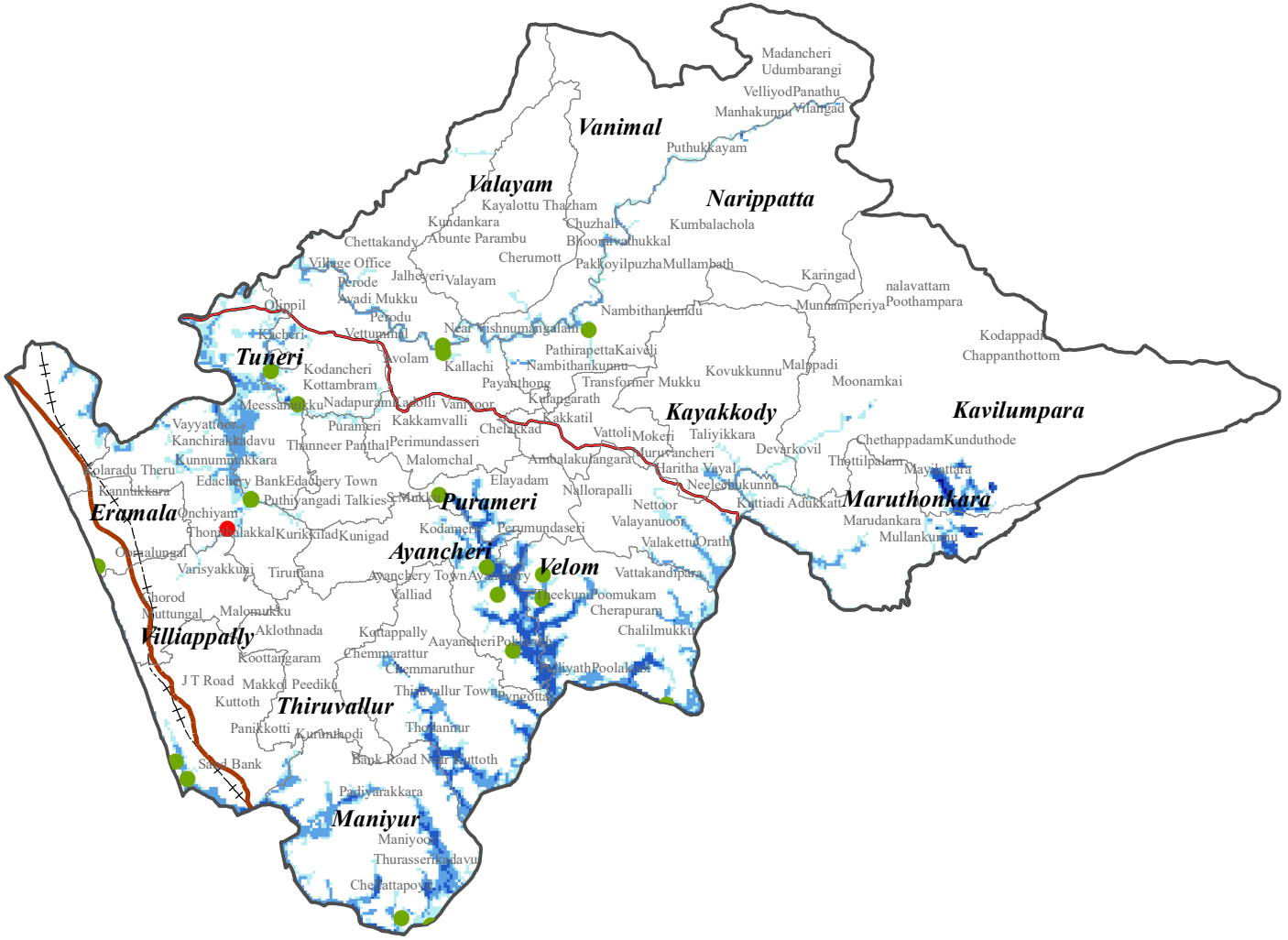
VADAKARA TALUK (KOZHIKODE DISTRICT)

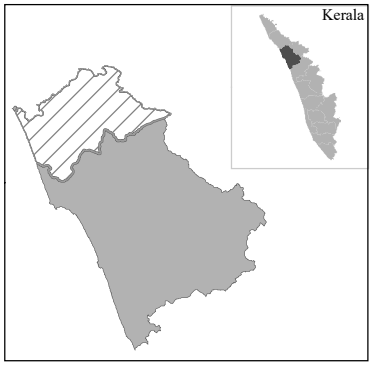
Flood Inundation (1 in 100 Year Return Probability)



VADAKARA TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 200 Year Return Probability)





N

Km
0 2.25 4.5 9

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)

75°40'0"E
76°0'0"E
11°40'0"N

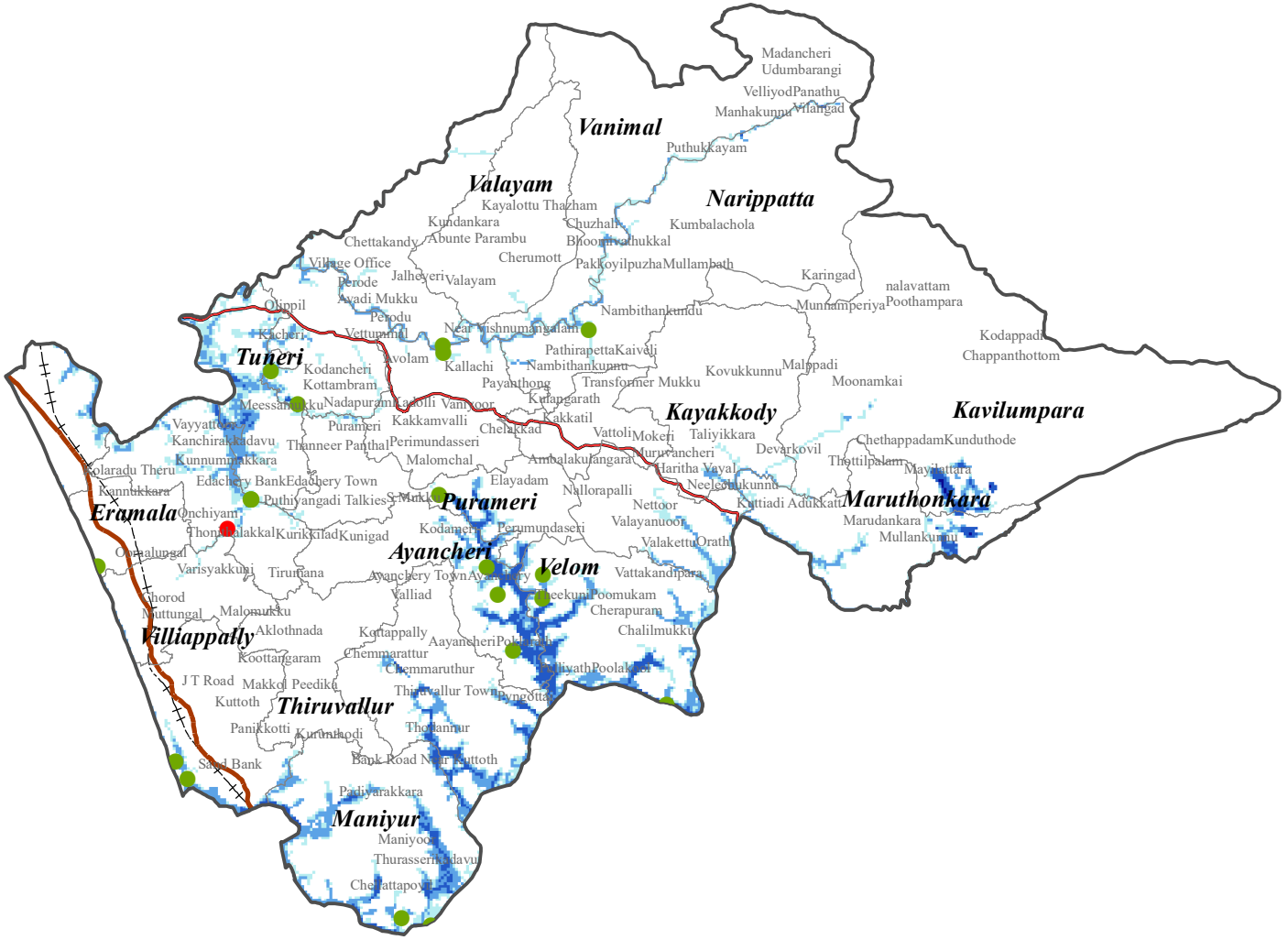
Legend

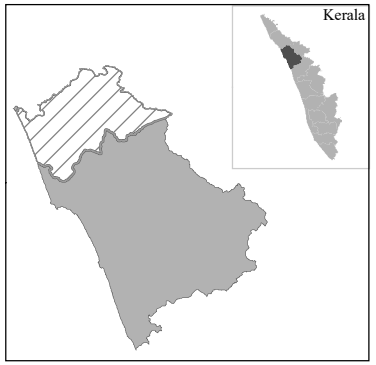
Flood Water Level (m)
<4
4-8
8-12
>12

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

VADAKARA TALUK (KOZHIKODE DISTRICT)

Flood Inundation (1 in 500 Year Return Probability)





N

75°40'0"E

76°0'0"E

11°40'0"N

Km
0 2.25 4.5 9

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)

KOZHIKODE DISTRICT						
VADAKARA TALUK						
	Return Probability (Historic)					
Name of affected 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
Ayancheri						
School						
Ayancheri M. L. P.S	✓	✓	✓	✓	✓	✓
Katameri UPS				✓	✓	✓
Rahmaniya H S Ayancheri				✓	✓	✓
Chekkiad						
School						
Jathiyeri MLPS				✓	✓	✓
Edacheri						
School						
Muyipra PV LPS						✓
Eramala						
School						
Karthikappally NLPS	✓	✓	✓	✓	✓	✓
Kurinhaliyodu Pallikkuni MLPS	✓	✓	✓	✓	✓	✓
Muyipra LPS	✓	✓	✓	✓	✓	✓
P.S Orkkatteri	✓	✓	✓	✓	✓	✓
Maniyur						
School						
Maniyur MLPS	✓	✓	✓	✓	✓	✓
Nadapuram						
School						
ViSHnumangalam LPS	✓	✓	✓	✓	✓	✓
Narippatta						
School						
MLPS Cheekkonnu	✓	✓	✓	✓	✓	✓
Onchiyam						
School						
GfLPS Madappalli	✓	✓	✓	✓	✓	✓
Purameri						
School						
Elayadam LPS		✓	✓	✓	✓	✓
Tuneri						
School						
Kodenchery LPS	✓	✓	✓	✓	✓	✓
Tuneri West LPS						✓
Vellur South LPS			✓	✓	✓	✓
Vadakara Municipality						
School						
Purankara Jbs	✓	✓	✓	✓	✓	✓
Purankara Mjbs	✓	✓	✓	✓	✓	✓
Velom						
School						
Cherapuram New Lp					✓	✓
MLPS Cherapuram North	✓	✓	✓	✓	✓	✓

KOZHIKODE DISTRICT

VADAKARA TALUK

1 in 10 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ayancheri	6.02	12.64
2	Azhiyur	1.74	9.03
3	Chekkiad	1.84	8.82
4	Chorode	0.30	6.62
5	Edacheri	6.72	9.02
6	Eramala	5.43	9.85
7	Kavilumpara	2.50	26.49
8	Kayakkody	1.64	6.85
9	Kuttiadi	2.45	9.42
10	Maniyur	9.73	12.5
11	Maruthonkara	3.16	24.91
12	Nadapuram	1.36	7.91
13	Narippatta	2.18	9.93
14	Onchiyam	0.21	8.1
15	Purameri	2.49	11.85
16	Thiruvallur	8.12	14.04
17	Tuneri	3.18	8.82
18	Vadakara Municipality	2.22	9.47
19	Valayam	0.24	4.5
20	Vanimal	1.72	9.93
21	Velom	9.10	13.83
22	Villiappally	0.63	6.36

1 in 25 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ayancheri	7.07	13.88
2	Azhiyur	1.97	9.79
3	Chekkiad	2.03	9.34
4	Chorode	0.34	7.19
5	Edacheri	7.49	9.9
6	Eramala	6.20	10.78
7	Kavilumpara	2.74	28.76
8	Kayakkody	2.62	8.45
9	Kunnummal	0.00	0.12
10	Kuttiadi	3.33	10.03
11	Maniyur	10.65	13.1
12	Maruthonkara	3.67	25.1
13	Nadapuram	2.09	9.32
14	Narippatta	2.43	9.94
15	Onchiyam	0.34	8.83
16	Purameri	3.13	12.77
17	Thiruvallur	9.16	15.07
18	Tuneri	4.87	9.34
19	Vadakara Municipality	2.64	10.23
20	Valayam	0.28	5.45
21	Vanimal	1.90	9.94
22	Velom	10.32	15.15
23	Villiappally	0.88	7.73

1 in 50 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ayancheri	8.34	14.71
2	Azhiyur	2.31	10.82
3	Chekkiad	2.21	10.21
4	Chorode	0.36	7.86
5	Edacheri	8.21	10.69
6	Eramala	7.07	11.63
7	Kavilumpara	2.82	29.04
8	Kayakkody	3.12	9.39
9	Kunnummal	0.08	4.3
10	Kuttiadi	4.00	10.87
11	Maniyur	10.94	13.5
12	Maruthonkara	4.04	25.27
13	Nadapuram	2.40	10.15
14	Narippatta	2.78	9.96
15	Onchiyam	0.53	9.62
16	Purameri	3.77	13.78
17	Thiruvallur	9.89	15.67
18	Tuneri	5.47	10.21
19	Vadakara Municipality	2.96	10.61
20	Valayam	0.44	6.16
21	Vanimal	2.09	9.96
22	Velom	11.27	15.98
23	Villiappally	1.03	8.45

1 in 100 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ayancheri	9.77	15.41
2	Azhiyur	2.57	12.53
3	Chekkiad	2.48	11
4	Chorode	0.44	8.34
5	Edacheri	8.89	11.32
6	Eramala	7.94	12.57
7	Kavilumpara	3.08	29.3
8	Kayakkody	3.42	10.12
9	Kunnummal	0.12	5.63
10	Kuttiadi	4.66	12.16
11	Maniyur	11.37	13.6
12	Maruthonkara	4.31	25.45
13	Nadapuram	2.82	10.89
14	Narippatta	3.05	10.47
15	Onchiyam	0.78	10.55
16	Purameri	4.46	14.81
17	Thiruvallur	10.50	15.98
18	Tuneri	6.05	11
19	Vadakara Municipality	3.41	10.92
20	Valayam	0.53	6.73
21	Vanimal	2.22	10.47
22	Velom	12.11	16.65
23	Villiappally	1.10	8.45

1 in 200 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ayancheri	10.22	16.66
2	Azhiyur	2.80	13.11
3	Chekkiad	2.79	11.83
4	Chorode	1.50	10.9
5	Edacheri	9.76	13.37
6	Eramala	8.82	13.54
7	Kavilumpara	3.13	29.55
8	Kayakkody	3.83	10.84
9	Kunnummal	0.23	6.03
10	Kuttiadi	5.62	12.86
11	Maniyur	11.72	13.7
12	Maruthonkara	4.52	25.64
13	Nadapuram	4.49	12.87
14	Narippatta	3.45	11.49
15	Onchiyam	1.33	12.54
16	Purameri	5.13	16.91
17	Thiruvallur	11.20	17.08
18	Tuneri	7.20	11.83
19	Vadakara Municipality	5.35	11.25
20	Valayam	1.03	7.63
21	Vanimal	2.37	11.49
22	Velom	13.20	19
23	Villiappally	1.24	8.45

1 in 500 YEAR (Historic)

Sl No	LSG	Flood Inundation Area (Km2)	Max. Flood Level (m)
1	Ayancheri	11.12	17.75
2	Azhiyur	2.96	13.24
3	Chekkiad	4.48	12.97
4	Chorode	1.73	11.11
5	Edacheri	10.21	13.41
6	Eramala	9.47	14.3
7	Kavilumpara	3.27	29.88
8	Kayakkody	4.76	12.04
9	Kunnummal	0.30	7.43
10	Kuttiadi	6.40	14.36
11	Maniyur	12.07	14
12	Maruthonkara	4.96	25.92
13	Nadapuram	7.25	14.73
14	Narippatta	3.90	12.61
15	Onchiyam	1.56	12.6
16	Purameri	7.09	18.25
17	Thiruvallur	12.20	18.18
18	Tuneri	8.30	12.97
19	Vadakara Municipality	6.94	13.8
20	Valayam	1.18	8.59
21	Vanimal	2.54	12.61
22	Velom	14.23	19.94
23	Villiappally	1.63	9.15