

Mapping of Urban Tanks / Rivers and its Encroachments Rayachoti Urban Local Body, Annamayya District, Andhra Pradesh



Sl.No.	Waterbody Name (Refer Map)	Total Waterbody Area	2011 Encroachment Area	2016 Encroachment Area	2022 Encroachment Area	Remaining Waterbody Area
1	Pond -1 (P1)	0.62	0.00	0.00	0.62	0.00
2	Pond -2 (P2)	0.30	0.00	0.00	0.30	0.00
3	Pond -3 (P3)	1.01	0.00	0.00	0.29	0.72
4	Pond -4 (P4)	0.50	0.00	0.00	0.00	0.50
5	Pond -5 (P5)	0.93	0.00	0.00	0.00	0.93
6	Pond -6 (P6)	1.07	0.00	0.00	0.00	1.07
7	Pond -7 (P7)	0.12	0.00	0.00	0.00	0.12
8	Pond -8 (P8)	0.57	0.00	0.00	0.57	0.00
9	Pond -9 (P9)	0.41	0.00	0.00	0.00	0.41
10	Pond -10 (P10)	2.08	0.00	0.30	0.00	1.78
11	Pond -11 (P11)	0.05	0.00	0.00	0.00	0.05
12	Pond -12 (P12)	0.04	0.00	0.00	0.00	0.04
13	Pond -13 (P13)	0.15	0.00	0.00	0.00	0.15
14	Pond -14 (P14)	0.03	0.00	0.00	0.03	0.00
15	Pond -15 (P15)	0.15	0.00	0.07	0.00	0.08
16	Pond -16 (P16)	0.06	0.00	0.00	0.00	0.06
17	Pond -17 (P17)	0.06	0.00	0.00	0.06	0.00
18	Pond -18 (P18)	0.29	0.00	0.00	0.00	0.29
19	Pond -19 (P19)	0.07	0.00	0.00	0.07	0.00
20	River-1 (R1)	118.32	0.00	0.00	7.38	110.94
21	River -2 (R2)	31.57	0.00	0.00	0.00	31.57
22	Tank -1 (T1)	126.35	0.00	0.00	0.00	126.35
23	Tank -2 (T2)	2.70	0.00	0.00	0.06	2.65
24	Tank -3 (T3)	2.48	0.00	0.00	0.77	1.71
25	Tank -4 (T4)	4.09	0.00	0.87	0.47	2.74
26	Tank -5 (T5)	3.79	0.00	2.91	0.00	0.88
27	Tank -6 (T6)	2.14	0.00	0.00	0.00	2.14
28	Tank -7 (T7)	3.31	0.00	1.92	1.03	0.36
29	Tank -8 (T8)	1.97	0.00	0.37	0.00	1.60
30	Tank -9 (T9)	3.68	0.00	0.00	0.02	3.66
Grand Total		308.91	0.00	6.45	11.66	290.80

Source:

1. Urban Local Body Boundary provided by the Commissioner and Director of Municipal Administration, GoAP.

Data used:

- Tank / Lake / River / Reservoir / Drainage / Canal boundary digitized based on Sol Topo-sheet and Cartosat+LISS-IV Satellite Data (2.5 metres resolution) year 2011.
- Encroachments of 2016 digitized based on Cartosat+LISS-IV Satellite Data (2.5 metres resolution - year 2016).
- Encroachments of 2022 digitized based on Sentinel Satellite Data (10 metres resolution - Feb 2022).

14°40"N

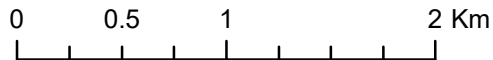
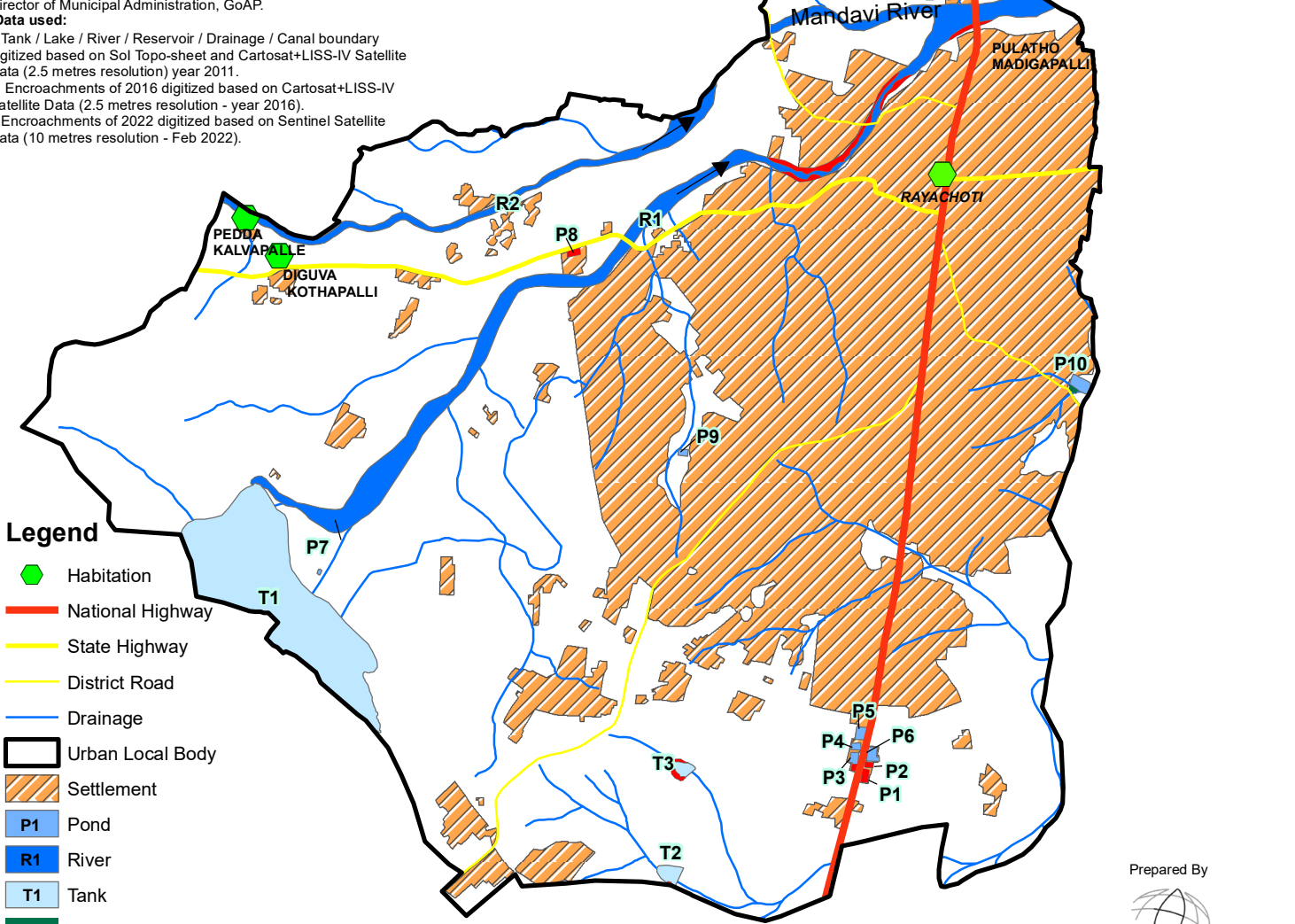
14°40"N

14°1'40"N

14°1'40"N

Legend

- Habitation
- National Highway
- State Highway
- District Road
- Drainage
- Urban Local Body
- Settlement
- P1 Pond
- R1 River
- T1 Tank
- 2016 Encroachment
- 2022 Encroachment



Prepared By



Andhra Pradesh Space Applications Centre
ITE & C Department, Govt., of A.P.
Vijayawada - 520010