

Mapping of Urban Tanks / Rivers and it's Changes

Madakasira Urban Local Body, Sri Satya Sai District, Andhra Pradesh

Legend

- Habitation
- State Highway
- District Road
- Drainage
- 2011 Change
- 2016 Change
- 2023 Change
- Settlement
- T1 Tank
- Urban Local Body

Source:

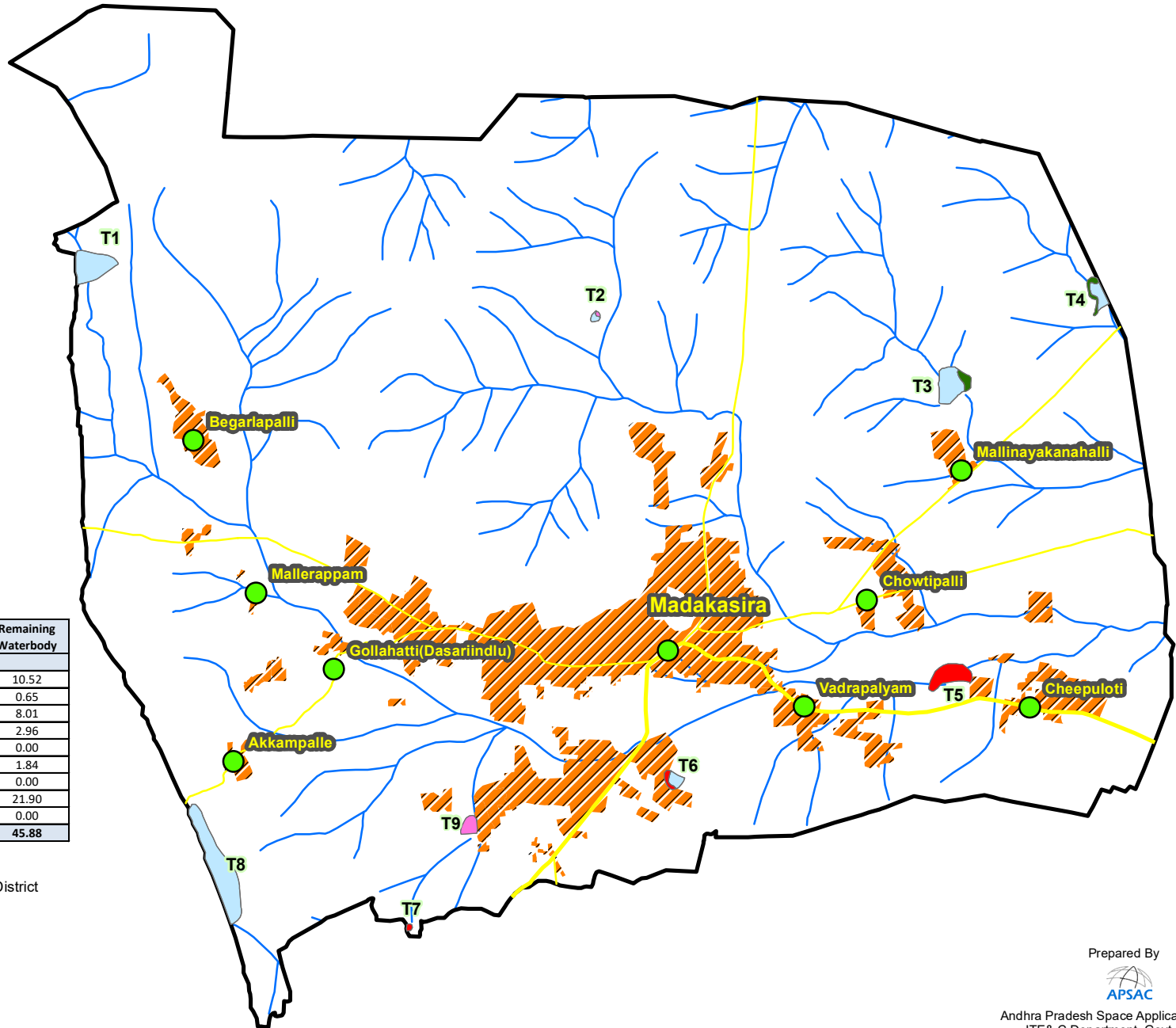
1. Urban Local Body Boundary provided by the Commissioner and Director of Municipal Administration, GoAP.

Data used:

2. 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.
3. Changes of 2011 digitized based on Cartosat+LISS-IV Satellite Data (2.5 metres resolution - year 2011).
4. Changes of 2016 digitized based on Cartosat+LISS-IV Satellite Data (2.5 metres resolution - year 2016).
5. Changes of 2023 digitized based on Sentinel Satellite Data (10 metres resolution - June 2023).

S.No	Waterbody Name (Refer Map)	Total Waterbody	2011	2016	2023	Remaining Waterbody
			Change	Change	Change	
Area in Acre(s)(AC)						
1	Tank (T1)	10.52	0.00	0.00	0.00	10.52
2	Tank (T2)	0.82	0.17	0.00	0.00	0.65
3	Tank (T3)	9.66	0.00	1.65	0.00	8.01
4	Tank (T4)	4.54	0.00	1.58	0.00	2.96
5	Tank (T5)	7.63	0.00	0.00	7.63	0.00
6	Tank (T6)	2.80	0.00	0.00	0.96	1.84
7	Tank (T7)	0.35	0.00	0.00	0.35	0.00
8	Tank (T8)	21.90	0.00	0.00	0.00	21.90
9	Tank (T9)	2.71	2.71	0.00	0.00	0.00
Grand Total		60.93	2.88	3.23	8.94	45.88

Note: This map and contents required to be ground-truth and vetted by the Collector and District Magistrate, Sri Satya Sai District and the Departments.



Prepared By



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