

Table 8: District - wise distribution of Wastelands

ANDHRA PRADESH

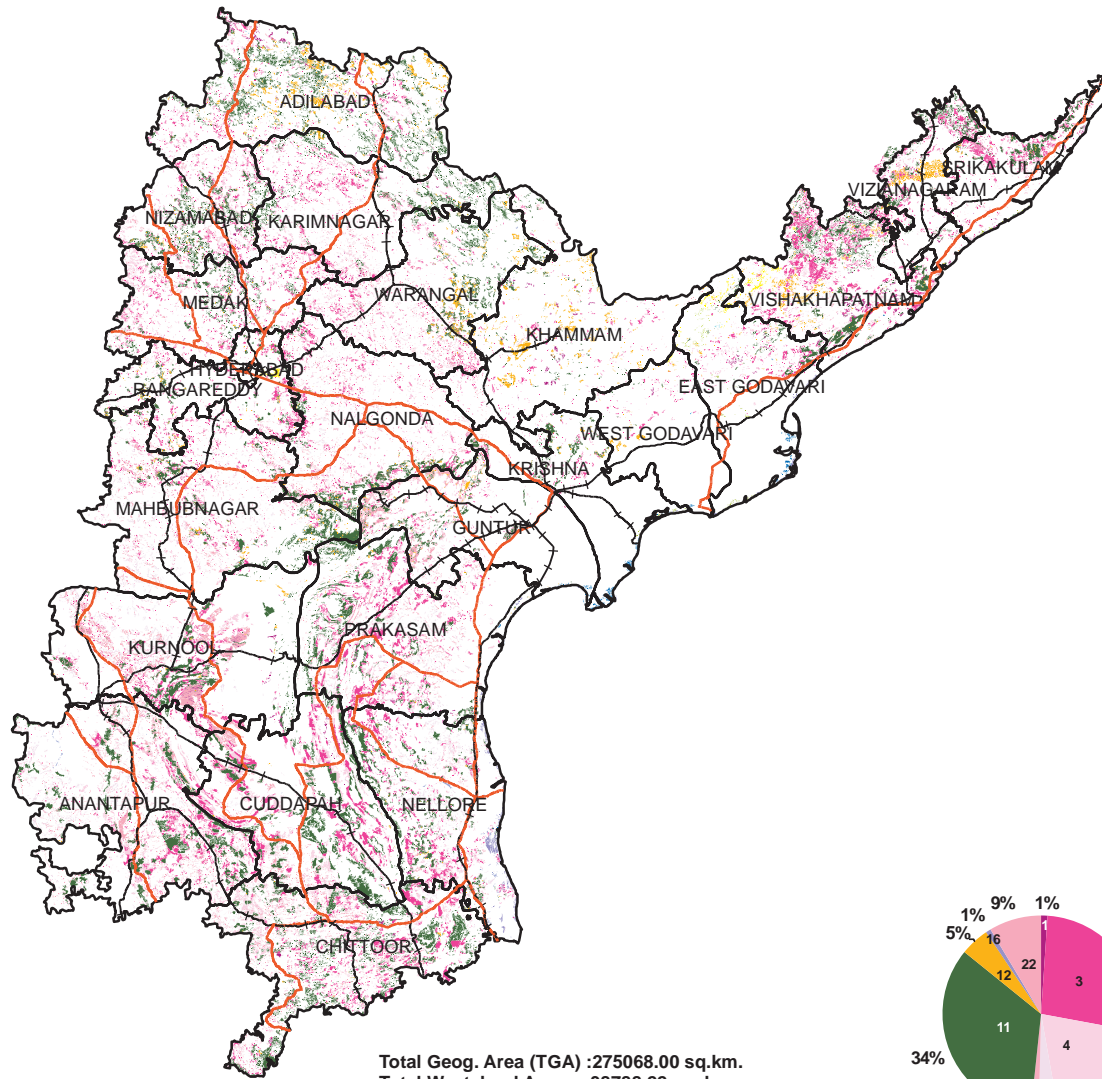
Cat-egory	Adilabad	Anant-pur	Chittoor	Cud-dapah	East Go-davari	Guntur	Hydera-bad	Karim-nagar	Kham-mam	Krishna	Kurnool	Maha-boobna-gar	Medak	Nal-gonda	Nellore	Nizam-abad	Praka-sam	Ranga Reddy	Srika-kulam	Visakhap-atnam	Viziana-garam	Waran-gal	West Goda-vari	Total
1	61.20	0.56	25.16	10.63	18.39	0.09	0.00	13.57	43.28	0.00	40.44	2.68	1.73	1.19	20.13	12.47	26.35	0.33	9.61	73.38	37.02	3.31	3.94	405.48
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.89	0.00	0.00	0.00	2.89
3	286.88	781.38	945.21	1115.94	153.75	127.84	0.44	318.28	163.44	97.08	601.51	404.30	494.62	550.26	631.44	289.94	1025.39	316.39	277.48	1091.88	330.77	265.82	52.96	10323.01
4	202.31	697.94	726.10	1242.08	46.36	209.03	1.07	469.85	14.33	49.54	253.24	312.99	421.86	156.38	444.62	419.07	584.36	128.08	184.11	379.45	78.69	386.81	7.87	7416.17
5	0.00	0.00	0.00	0.00	36.04	12.06	0.00	0.00	0.00	54.21	0.00	0.00	0.00	0.00	0.49	0.00	2.49	0.00	0.00	0.64	0.00	0.00	3.14	109.07
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	270.09	82.41	14.02	0.00	1.13	0.00	0.00	0.00	0.00	219.46	186.63	0.00	57.72	248.24	0.00	135.40	0.00	0.00	0.00	0.00	0.00	0.00	1215.10
8	0.00	81.98	12.45	5.52	0.00	17.13	0.00	0.00	0.00	0.00	96.70	61.37	0.00	51.02	59.23	0.00	119.42	0.00	0.00	0.00	0.00	0.00	0.00	504.83
9	0.00	0.00	0.00	0.00	15.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	15.15
10	0.00	0.00	0.00	0.00	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	1.30
11	1056.08	1202.46	1343.91	1485.53	167.93	335.90	0.00	402.81	99.61	211.17	665.37	850.70	330.22	608.93	792.22	556.47	957.42	242.40	310.20	676.96	344.88	477.20	4.69	13123.06
12	393.38	2.36	15.31	5.74	18.06	43.05	0.00	31.40	327.22	21.99	31.50	68.79	6.55	33.57	17.61	27.85	19.34	68.49	18.29	184.66	256.86	203.30	40.16	1835.48
13	0.00	0.00	0.00	0.00	35.38	0.00	0.17	0.00	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.10	0.00	54.63	0.00	0.00	5.96	132.37
14	0.00	0.00	0.00	0.00	13.54	0.00	0.00	0.00	0.00	9.91	0.00	0.00	3.25	0.00	0.00	0.00	0.88	0.00	9.46	0.42	0.00	0.32	0.00	37.79
15	0.06	7.12	0.23	1.22	0.00	0.00	0.00	0.26	0.00	0.23	0.00	0.00	0.00	0.00	20.31	0.49	0.12	0.00	0.00	0.00	0.00	1.99	0.07	32.12
16	0.00	0.00	0.00	0.00	47.51	8.49	0.00	0.00	0.00	16.97	0.00	0.00	0.00	0.00	162.18	0.00	35.99	0.00	23.58	18.67	2.21	0.00	3.13	318.72
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.00	3.11	0.00	0.00	0.00	0.00	0.00	0.00	3.76
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.32	0.00	0.00	0.27	0.00	0.00	0.00	0.00	10.95	0.00	0.00	0.81	0.00	0.00	0.00	0.00	0.11	0.00	0.00	1.15	0.00	0.00	0.79	14.39
21	0.70	0.00	0.00	0.00	0.00	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	1.77
22	33.05	539.42	272.68	288.61	0.56	486.79	0.00	74.26	37.17	3.60	735.43	235.98	65.59	164.35	8.95	44.76	116.57	57.69	8.94	11.91	23.02	86.31	0.10	3295.73
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	2033.99	3583.32	3423.47	4169.57	553.66	1242.55	1.68	1310.44	699.13	464.71	2643.65	2124.27	1323.82	1623.43	2406.10	1351.05	3026.95	846.49	841.66	2496.81	1073.45	1425.07	122.96	38788.22
TGA	16128	19130	15152	15359	10807	11391	217	11823	16029	8727	17658	18432	9699	14240	13076	7956	17626	7493	5837	11161	6539	12846	7742	275068
% to TGA	12.61	18.73	22.59	27.15	5.12	10.91	0.77	11.08	4.36	5.32	14.97	11.52	13.65	11.40	18.40	16.98	17.17	11.30	14.42	22.37	16.42	11.09	1.59	14.10

1. Gullied and/ or ravinous land (Medium)	6. Waterlogged and Marshy land (Seasonal)	11. Under-utilised/degraded forest (Scrub domin)	16. Sands-Coastal	21. Industrial wastelands
2. Gullied and/ or ravinous land (Deep)	7. Land affected by salinity/alkalinity (Medium)	12. Under-utilised/degraded forest (Agriculture)	17. Sands-Desertic	22. Barren Rocky/Stony waste
3. Land with Dense Scrub	8. Land affected by salinity/alkalinity (Strong)	13. Degraded pastures/ grazing land	18. Sands-Semi Stab.-Stab>40m	23. Snow covered /Glacial area
4. Land with Open Scrub	9. Shifting Cultivation - Current Jhum	14. Degraded land under plantation crop	19. Sands-Semi Stab.-Stab 15-40m	Total - Total Wasteland Area
5. Waterlogged and Marshy land (Permanent)	10. Shifting Cultivation - Abandoned Jhum	15. Sands-Riverine	20. Mining Wastelands	TGA - Total Geographical Area

WASTELAND MAP

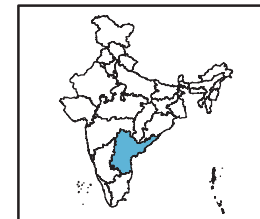
2005-06

ANDHRA PRADESH

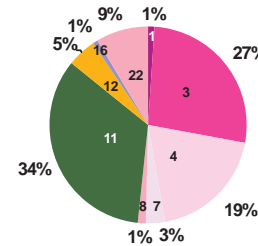


LEGEND

- Gullied/ Ravine land-Medium ravine (1)
- Gullied/Ravine land-Deep/ very deep ravine (2)
- Scrubland - Land with dense scrub (3)
- Scrubland - Land with open scrub (4)
- Waterlogged and marshy land - Permanent (5)
- Waterlogged and marshy land - Seasonal (6)
- Land Affected by Salinity/ Alkalinity - Moderate (7)
- Land Affected by Salinity/ Alkalinity - Strong (8)
- Shifting cultivation - Current jhum (9)
- Shifting cultivation - Abandoned jhum (10)
- Under-utilised Deg Notif Forest - Scrub Dom (11)
- Under-utilised Deg Notif Forest - Agriculture (12)
- Degraded Pastures/ grazing land (13)
- Degraded Land under Plantation Crop (14)
- Sands - Desert sand (15)
- Sands - Coastal sand (16)
- Sands - Riverine (17)
- Sands - Semi-stab to stab (>40m) dune (18)
- Sands-Semi-stab to stab mod high(15-40m) dune (19)
- Mining Wastelands (20)
- Industrial Wastelands (21)
- Barren rocky area (22)
- Snow cover and/ or glacial area (23)
- Non Wasteland Area
- Major Road
- Railway Line



Based on 3 season data of IRS P6 LISS III (2005-06) & Limited ground checks



Total Geog. Area (TGA) :275068.00 sq.km.
 Total Wasteland Area : 38788.22 sq. km.
 Wasteland Area : 14.10 %

Figure. 18

<p>Partner Institution: AP State Remote Sensing Centre Directorate of Economics & Statistics Campus Khairatabad Hyderabad- 500004</p>	<p>Coordinated by: Land Use Division, LRG, RS & GIS - AA National Remote Sensing Centre ISRO, Dept. of Space, Govt of India, Balanagar, Hyderabad - 500625</p>
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Table 9: Andhra Pradesh - Category-wise distribution and changes in wastelands

Area in sq.km.

SI	Wasteland Categories	2005-06	%	2003	%	Change	% diff
1	Gullied and/or ravinous land-Medium	405.48	0.15	222.29	0.08	183.19	0.07
2	Gullied and/or ravinous land-Deep	2.89	0.00	63.92	0.02	-61.03	-0.02
3	Land with Dense Scrub	10323.01	3.75	15666.32	5.70	-5343.31	-1.94
4	Land with Open Scrub	7416.17	2.70	2241.32	0.81	5174.85	1.88
5	Waterlogged and Marshy land-Permanent	109.07	0.04	290.71	0.11	-181.64	-0.07
6	Waterlogged and Marshy land-Seasonal	0.00	0.00	28.95	0.01	-28.95	-0.01
7	Land affected by salinity/alkalinity-Moderate	1215.10	0.44	272.67	0.10	942.43	0.34
8	Land affected by salinity/alkalinity-Strong	504.83	0.18	161.45	0.06	343.38	0.12
9	Shifting cultivation area-Current Jhum	15.15	0.01	6.24	0.00	8.91	0.00
10	Shifting cultivation area-Abandoned Jhum	1.30	0.00	1.03	0.00	0.27	0.00
11	Under utilised/degraded notified forest land-Scrub dominated	13123.06	4.77	20097.58	7.31	-6974.52	-2.54
12	Under utilised/degraded notified forest land-Agriculture	1835.48	0.67	2519.91	0.92	-684.43	-0.25
13	Degraded pastures/grazing land	132.37	0.05	8.76	0.00	123.61	0.04
14	Degraded land under plantation Crops	37.79	0.01	49.11	0.02	-11.32	0.00
15	Sands-Riverine	32.12	0.01	4.18	0.00	27.94	0.01
16	Sands-Coastal	318.72	0.12	267.63	0.10	51.09	0.02
17	Sands-Desertic	3.76	0.00	0.00	0.00	3.76	0.00
18	Mining Wastelands	14.39	0.01	205.90	0.07	-191.51	-0.07
19	Industrial wastelands	1.77	0.00	3.26	0.00	-1.49	0.00
20	Barren rocky area	3295.73	1.20	3155.92	1.15	139.81	0.05
	Total	38788.22	14.10	45267.15	16.46	-6478.93	-2.36
	TGA	275068.00					

(1). Gullied and/or Ravinous of wastelands (Shallow merged with medium).

(4). Land with Scrub (Defined as Land with Dense Scrub).

(5). Land without scrub (Defined as Land with Open Scrub).

(8). Land affected by Salinity/Alkalinity (slight merged with Moderate).

(17). Sands-Riverine (includes flood plain and levees).

(19). Sands-Desertic (includes semi stab-Low < 15m and closely spaced inter dunes).

(24). Barren area (Includes steep sloping area)