

Table 32: District - wise distribution of Wastelands

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Category	Bagalkote	Belgaum	Bellary	Bidar	Bijapur	Bangalore (R)	Bangalore (U)	Chikmagalur	Chamara-jnagar	Chitradurga	Coorg	Dakshin Kannada	Davangere	Dharwad
1	1.04	0.36	6.14	0.00	8.04	9.98	1.62	6.49	0.95	21.31	0.00	0.00	1.49	0.00
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
3	112.92	420.74	258.79	222.32	11.58	207.15	60.59	131.87	206.06	511.93	3.01	89.63	63.76	37.65
4	57.58	117.49	42.72	169.76	146.16	42.64	46.05	13.64	62.78	188.80	3.88	13.07	101.88	23.52
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.57	0.00	0.00
6	4.63	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	1.73	2.32	72.30	0.00	2.90	0.00	0.00	1.54	11.23	80.51	0.00	0.00	28.49	0.06
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.00
9	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
10	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
11	502.61	459.08	936.33	59.54	15.36	259.34	20.93	63.43	106.30	161.11	86.51	28.28	314.38	69.01
12	10.64	119.56	13.09	2.65	0.05	15.38	1.47	89.02	13.25	23.54	11.33	1.18	0.17	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	3.33	0.00	0.00	0.00	0.00
14	0.68	0.00	0.74	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.30	0.00
15	0.00	0.00	7.10	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00	0.12	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.96	0.00	0.00
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
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
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
20	0.00	0.00	0.84	0.00	0.00	0.51	0.00	8.32	0.15	2.29	0.00	0.35	0.16	0.03
21	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
22	114.39	17.63	124.68	1.90	71.60	87.35	1.84	5.40	5.22	70.88	5.88	41.23	4.91	0.89
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
Total	806.22	1137.18	1462.73	456.18	255.69	622.36	132.50	320.47	406.52	1063.97	110.61	180.39	515.54	131.16
TGA	6575	13415	8419	5448	10494	5815	2190	7201	5685	8440	4102	8465	5966	4230
% to TGA	12.26	8.48	17.37	8.37	2.44	10.70	6.05	4.45	7.15	12.61	2.70	2.13	8.64	3.10

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

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Category	Gadag	Gulbarga	Hassan	Haveri	Karwar	Kolar	Koppal	Mandya	Mysore	Raichur	Tumkur	Udupi	Uttar Kan-nada	Total
1	1.12	2.50	15.26	3.78	0.00	25.97	0.00	12.13	1.51	0.00	7.22	0.00	0.23	127.11
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
3	39.73	332.99	220.64	75.96	127.13	488.48	204.80	125.65	75.37	227.50	422.89	30.31	36.01	4745.46
4	47.91	125.63	101.70	20.61	66.90	50.35	54.98	62.24	7.73	55.94	7.66	14.82	10.09	1656.52
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	1.37	7.25	13.23
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	4.63
7	6.70	124.14	0.00	0.00	0.00	0.14	84.76	0.09	3.61	72.75	19.69	0.00	0.02	512.97
8	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35
9	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
10	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
11	196.06	332.29	67.73	43.80	301.40	171.30	85.02	159.77	27.70	228.49	145.27	50.83	353.44	5245.32
12	0.75	0.04	0.00	0.00	83.83	19.39	2.03	0.11	15.66	0.00	0.26	36.12	185.32	644.85
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.62	0.00	6.36
14	0.00	0.00	0.00	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.16	0.00	9.04
15	0.32	0.00	0.00	0.08	0.00	0.00	0.03	2.08	1.29	0.00	0.00	0.00	0.00	11.62
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.08	1.17	9.22
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
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
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
20	0.00	2.97	0.00	0.31	0.04	0.05	4.92	5.89	0.05	0.00	0.00	0.51	0.98	28.36
21	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
22	22.31	113.82	13.34	1.04	4.02	174.91	119.43	66.87	6.01	108.29	135.87	38.70	64.67	1423.09
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
Total	314.89	1034.45	418.67	148.39	583.31	930.59	555.98	434.82	138.93	692.96	738.89	185.51	659.19	14438.12
TGA	4657	16224	6814	4851	4843	8223	7189	4961	6269	6828	10598	3598	10291	191791
% to TGA	6.76	6.38	6.14	3.06	12.04	11.32	7.73	8.76	2.22	10.15	6.97	5.16	6.41	7.53

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

Total Geog. Area (TGA) :191791.00 sq.km.
 Total Wasteland Area : 14438.12 sq. km.
 Wasteland Area : 7.53 %

Figure. 30

WASTELAND MAP

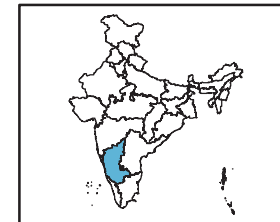
2005-06

KARNATAKA



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

Partner Institution:

Karnataka State Remote Sen. Appln Centre
 Stage 4, 6th Floor,
 Multi Storied Building
 Dr Ambedkar Veedhi
 Bangalore- 560001

Coordinated by:

Land Use Division, LRG, RS & GIS - AA
 National Remote Sensing Centre
 ISRO, Dept. of Space, Govt of India,
 Balanagar,
 Hyderabad - 500625

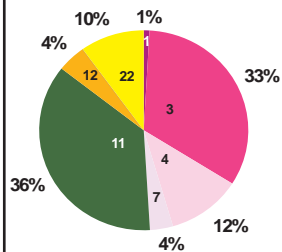
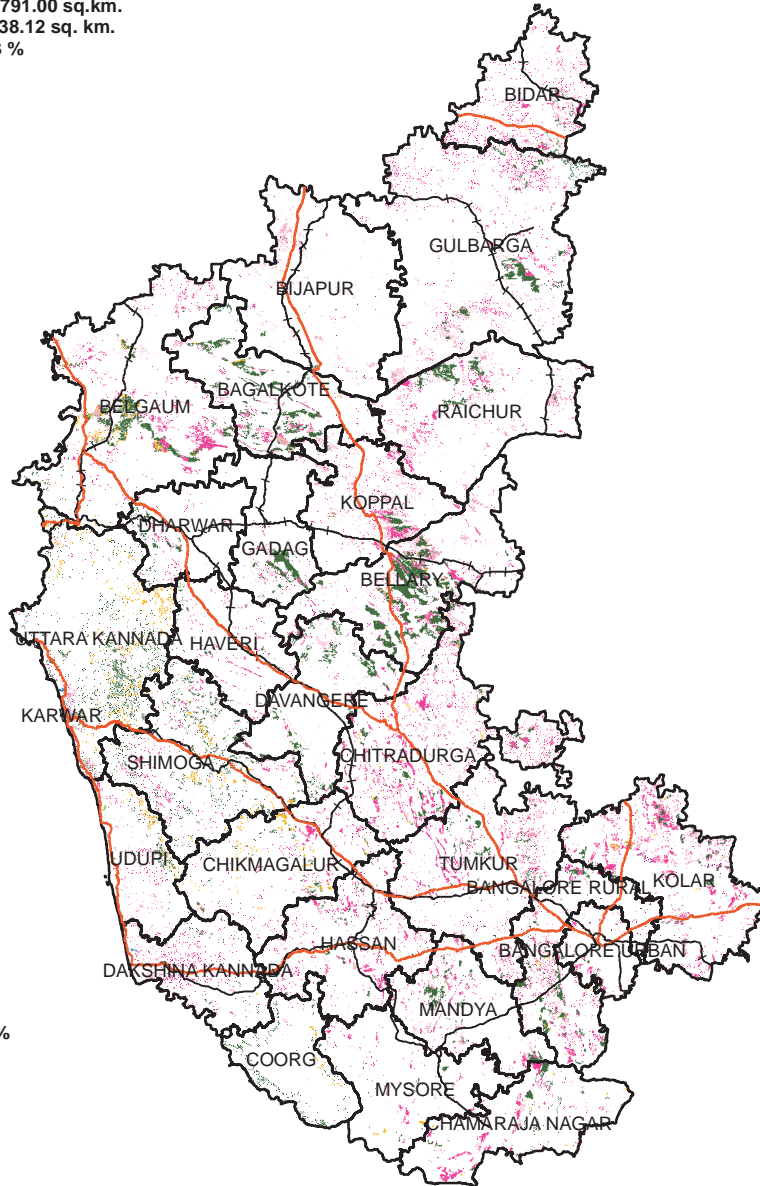


Table 33: Karnataka - Category-wise distribution and changes in wastelands

Area in sq.km.

SI	Wasteland Categories	2005-06	%	2003	%	Change	% diff
1	Gullied and/or ravinous land-Medium	127.11	0.07	46.42	0.02	80.69	0.04
2	Gullied and/or ravinous land-Deep	0.00	0.00	0.06	0.00	-0.06	0.00
3	Land with Dense Scrub	4745.46	2.47	4098.25	2.14	647.21	0.34
4	Land with Open Scrub	1656.52	0.86	730.31	0.38	926.21	0.48
5	Waterlogged and Marshy land-Permanent	13.23	0.01	21.70	0.01	-8.47	0.00
6	Waterlogged and Marshy land-Seasonal	4.63	0.00	4.49	0.00	0.14	0.00
7	Land affected by salinity/alkalinity-Moderate	512.97	0.27	167.13	0.09	345.84	0.18
8	Land affected by salinity/alkalinity-Strong	0.35	0.00	0.30	0.00	0.05	0.00
9	Under utilised/degraded notified forest land-Scrub dominated	5245.32	2.73	5240.10	2.73	5.22	0.00
10	Under utilised/degraded notified forest land-Agriculture	644.85	0.34	1225.86	0.64	-581.01	-0.30
11	Degraded pastures/grazing land	6.36	0.00	37.83	0.02	-31.47	-0.02
12	Degraded land under plantation Crops	9.04	0.00	290.54	0.15	-281.50	-0.15
13	Sands-Riverine	11.62	0.01	33.09	0.02	-21.47	-0.01
14	Sands-Coastal	9.22	0.00	4.62	0.00	4.60	0.00
15	Mining wastelands	28.36	0.01	199.10	0.10	-170.74	-0.09
16	Industrial wastelands	0.00	0.00	6.88	0.00	-6.88	0.00
17	Barren rocky area	1423.09	0.74	1429.90	0.75	-6.81	0.00
	Total	14438.12	7.53	13536.58	7.06	901.54	0.47
	TGA	191791.00					