

Table 38: District - wise distribution of Wastelands

MAHARASHTRA

Category	Ahmednagar	Akola	Amravati	Aurangabad	Bhandara	Beed	Bombay	Bombay Suburb	Buldana	Chandrapur	Dhule	Garhchiroli	Gondia	Jalgaon	Jalna	Kolhapur	Latur
1	7.98	132.00	53.56	0.00	0.57	0.13	0.00	2.86	36.60	0.00	73.95	0.00	0.15	155.34	0.02	0.00	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	0.00	0.00	0.00
3	157.37	50.01	133.04	274.04	142.26	321.87	0.00	39.24	136.90	419.17	31.59	97.81	94.88	51.46	33.00	520.27	143.98
4	1194.65	156.02	97.90	176.99	89.59	1045.62	0.00	9.28	279.24	390.89	706.85	67.05	108.35	349.92	240.12	708.59	224.31
5	0.00	0.00	0.00	0.00	0.59	0.00	0.01	12.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
7	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
8	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
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	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	0.00	0.00	0.00
11	584.69	73.97	823.08	327.43	66.84	152.43	0.00	3.02	396.23	474.16	1602.57	497.96	55.17	514.27	104.05	145.98	0.00
12	5.06	1.04	105.21	3.76	1.24	1.82	0.00	0.00	0.61	246.12	181.11	305.07	17.04	24.21	23.11	41.24	0.00
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	0.00	0.00	0.00
14	10.57	0.00	0.00	0.00	0.00	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	2.70	0.00
15	0.00	0.00	2.97	0.00	0.04	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.66	2.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	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	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
20	0.18	0.00	0.00	1.09	1.18	0.00	0.00	0.13	0.00	12.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00
22	281.53	0.00	0.38	19.10	3.58	50.79	0.43	0.76	1.03	14.74	74.59	2.43	2.46	27.73	63.79	17.00	14.45
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
Total	2242.03	413.04	1216.13	802.41	305.89	1574.07	1.10	69.75	850.62	1558.07	2670.67	970.32	277.90	1123.10	464.09	1435.78	382.74
TGA	17048	5456	12212	10213	3951	10760	157	446	9661	10490	13150	15433	5262	11765	6417	8047	6725
% to TGA	13.15	7.57	9.96	7.86	7.74	14.63	0.70	15.64	8.80	14.85	20.31	6.29	5.28	9.55	7.23	17.84	5.69

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

MAHARASHTRA Contd...

Category	Nagpur	Nanded	Nashik	Osmana- bad	Parbhani	Pune	Ratnagiri	Raygad	Sangli	Satara	Sindhudurg	Solapur	Thane	Wardha	Washim	Yavatmal	Total
1	8.15	2.62	25.25	0.75	12.33	0.00	0.00	0.00	12.56	0.00	0.00	1.44	0.03	11.45	0.02	9.28	547.03
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
3	304.26	246.00	323.68	294.39	319.99	1886.79	813.76	1256.95	267.87	195.88	495.57	518.16	1121.15	159.31	59.08	341.71	11251.44
4	194.92	413.06	619.50	116.27	343.26	1011.01	642.33	469.82	519.94	1285.47	337.41	591.31	46.47	142.86	369.22	293.92	13242.14
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.22	0.00	0.00	0.00	59.03
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.74	0.00	0.00	0.00	0.00	0.00	1.76
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.78	0.00	0.00	0.00	37.22	0.00	0.00	0.00	41.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.84	0.00	0.00	0.00	15.52	0.00	0.00	0.00	26.36
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	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	0.00	0.00	0.00
11	91.76	260.71	1201.71	3.49	200.98	383.32	30.02	396.07	153.27	256.20	2.60	90.10	444.62	78.39	54.86	557.01	10026.96
12	17.67	1.33	46.46	0.00	10.47	6.41	0.00	0.00	65.20	0.50	1.76	0.14	55.71	0.11	1.66	25.13	1189.18
13	0.00	0.00	0.00	0.00	0.00	149.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	149.72
14	0.00	0.00	0.00	0.00	0.00	3.16	0.00	0.00	0.00	3.24	0.00	0.00	0.00	0.00	0.00	0.00	21.25
15	0.00	0.34	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	3.65
16	0.00	0.00	0.00	0.00	0.00	0.00	4.91	2.89	0.00	0.00	8.87	0.00	9.91	0.00	0.00	0.00	29.48
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	0.00	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	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
20	6.32	0.00	0.00	0.00	0.00	0.00	0.00	2.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.62	30.45
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	0.00	0.00	0.00
22	9.69	84.76	145.98	72.97	34.43	82.58	62.28	11.01	210.59	40.71	139.59	121.77	0.45	0.00	3.29	48.49	1643.37
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
Total	632.77	1008.83	2362.58	487.87	921.45	3522.99	1553.30	2138.95	1244.05	1782.00	987.54	1322.92	1777.30	392.12	488.13	1282.16	38262.81
TGA	9931	10502	15530	7485	12561	15642	8391	7148	8572	10484	4663	15017	9558	6310	5119	13584	307690
% to TGA	6.37	9.61	15.21	6.52	7.34	22.52	18.51	29.92	14.51	17.00	21.18	8.81	18.59	6.21	9.54	9.44	12.44

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
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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

Figure. 33

WASTELAND MAP

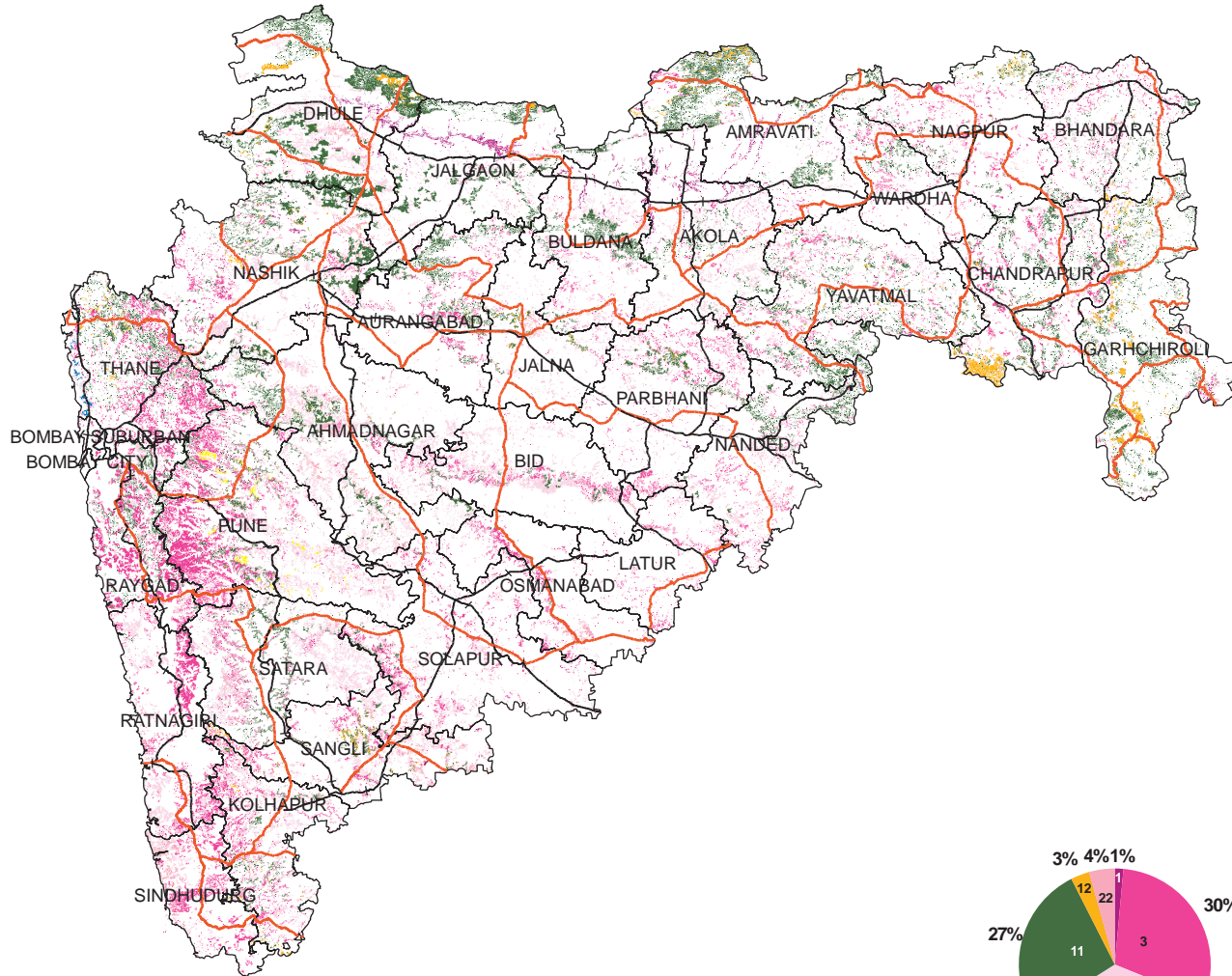
2005-06

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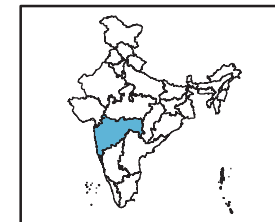
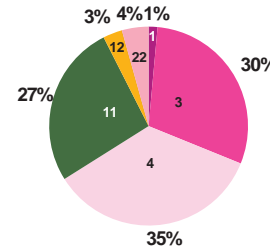


LEGEND

- 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



Total Geog. Area (TGA) :307690.00 sq.km.
Total Wasteland Area : 38262.81 sq. km.
Wasteland Area : 12.44%



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

Partner Institution:
 Maharashtra Remote Sensing Centre
 VRCE Campus
 Ambazari Road
 Nagpur- 440011
 Maharashtra

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

Table 39: Maharashtra - 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	547.03	0.18	1188.72	0.39	-641.69	-0.21
2	Land with Dense Scrub	11251.44	3.66	19249.73	6.26	-7998.29	-2.60
3	Land with Open Scrub	13242.14	4.30	10086.88	3.28	3155.26	1.03
4	Waterlogged and Marshy land-Permanent	59.03	0.02	395.61	0.13	-336.58	-0.11
5	Waterlogged and Marshy land-Seasonal	1.76	0.00	4.22	0.00	-2.46	0.00
6	Land affected by salinity/alkalinity-Moderate	41.00	0.01	248.11	0.08	-207.11	-0.07
7	Land affected by salinity/alkalinity-Strong	26.36	0.01	38.02	0.01	-11.66	0.00
8	Under utilised/degraded notified forest land-Scrub dominated	10026.96	3.26	12334.27	4.01	-2307.31	-0.75
9	Under utilised/degraded notified forest land-Agriculture	1189.18	0.39	1735.63	0.56	-546.45	-0.18
10	Degraded pastures/grazing land	149.72	0.05	308.63	0.10	-158.91	-0.05
11	Degraded land under plantation Crops	21.25	0.01	317.70	0.10	-296.45	-0.10
12	Sands-Riverine	3.65	0.00	0.00	0.00	3.65	0.00
13	Sands-Coastal	29.48	0.01	48.11	0.02	-18.63	-0.01
14	Mining wastelands	30.45	0.01	112.54	0.04	-82.09	-0.03
15	Industrial wastelands	0.00	0.00	0.67	0.00	-0.67	0.00
16	Barren rocky area	1643.37	0.53	3206.56	1.04	-1563.19	-0.51
	Total	38262.82	12.44	49275.40	16.01	-11012.58	-3.58
	TGA	307690.00					