

For Official Use

# WASTELAND MAP 2003 Maharashtra



## LEGEND

- |  |                                      |  |                                       |
|--|--------------------------------------|--|---------------------------------------|
|  | Gullied and / or ravinous (1)        |  | Degraded pasture and grazing land (9) |
|  | Land with scrub (2)                  |  | Degraded plantation crops(10)         |
|  | Land without scrub (3)               |  | Sand - Inland / coastal (11)          |
|  | Waterlogged and marshy (4)           |  | Mining / Industrial waste (12)        |
|  | Saline / Alkaline (5)                |  | Barren rocky / Stony waste (13)       |
|  | Shifting cultivation - Abandoned (6) |  | Steep sloping (14)                    |
|  | Shifting cultivation - Current (7)   |  | Snow covered and / Glacial (15)       |
|  | Degraded forest (8)                  |  |                                       |

## OTHERS

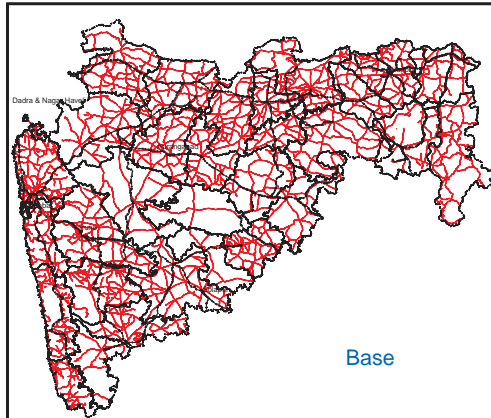
- |  |                                       |  |              |  |                         |
|--|---------------------------------------|--|--------------|--|-------------------------|
|  | Water bodies (river, tank, reservoir) |  | Settlement   |  | Sand (tank / river bed) |
|  | Intern. Boundary                      |  | Major Roads  |  |                         |
|  | State Boundary                        |  | Railway Line |  |                         |
|  | Dist. Boundary                        |  | River        |  |                         |
|  | Taluk Boundary                        |  |              |  |                         |

Source: Wasteland Maps - 2003 on 1:50,000 scale (Based on IRS Satellite LISS - III Imagery, Wasteland Maps (1986 - 2000), limited field check, Revenue Records / Maps.

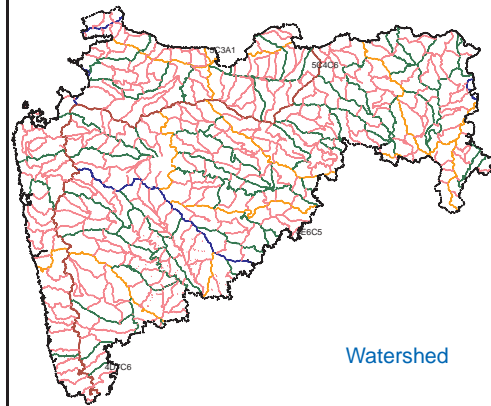
Prepared by:  
**MRSAC/RRSSC-N/CSRE-IIT**  
Maharashtra

Co-ordinated by:  
Land Use Division, RS & GIS AA  
National Remote Sensing Agency  
Dept. of Space, Govt. of India,  
Balanagar, Hyderabad - 500 037

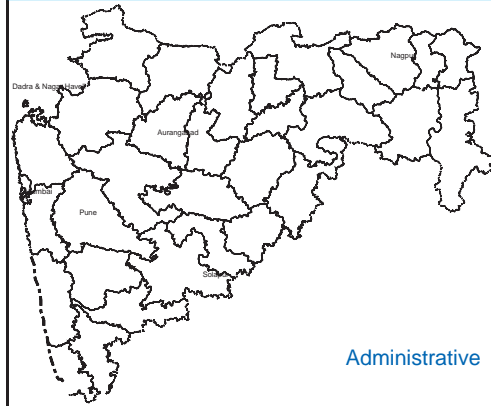
Sponsored by:  
Dept. of Land Resources  
Min. of Rural Development  
G - Wing, Nirman Bhawan,  
Govt. of India, New Delhi - 110011



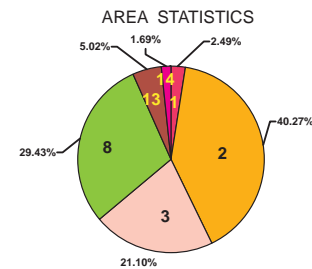
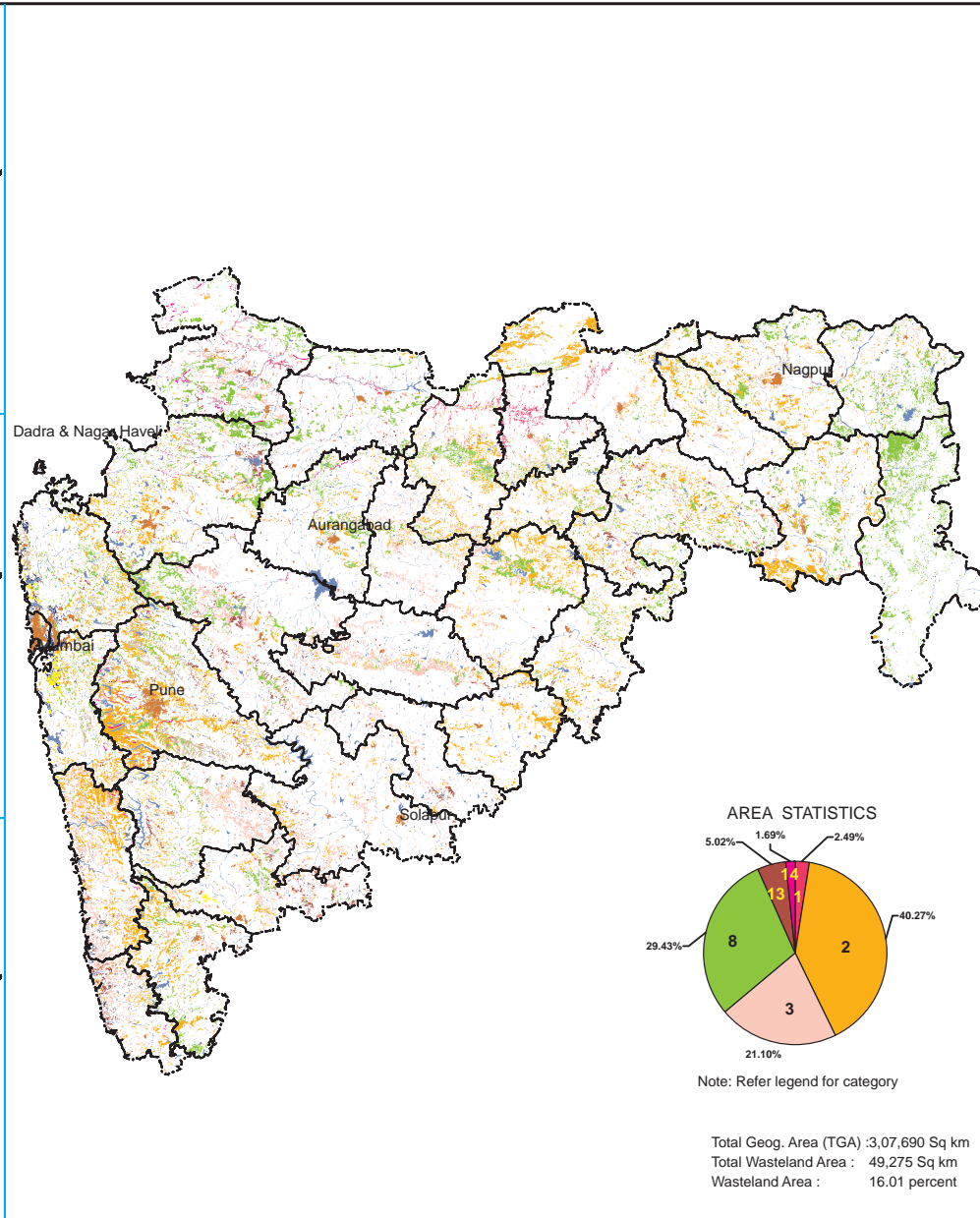
Base



Watershed



Administrative



Note: Refer legend for category

Total Geog. Area (TGA) :3,07,690 Sq km  
Total Wasteland Area : 49,275 Sq km  
Wasteland Area : 16.01 percent

MAHARASHTRA

Area in Sq km

Category	Ahmednagar	Akola	Amravati	Aurangabad	Beed	Bhandara	Buldhana	Chandrapur	Dhule	Gadchiroli	Gondia	Jaigaon	Jalna	Kolhapur	Latur	Mumbai	Mumbai (SU)
1	83.16	315.01	122.02	0.00	0.00	0.82	204.61	13.62	205.12	0.00	0.24	81.84	0.58	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	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
4	126.13	272.80	956.87	416.79	215.05	136.13	1027.32	1144.56	55.87	99.38	154.15	26.02	221.85	627.16	766.59	0.00	26.16
5	1507.41	230.73	246.71	58.04	979.17	53.55	416.13	145.17	651.74	3.41	70.55	357.61	801.78	25.75	19.92	0.00	0.77
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	0.23	20.26
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	0.84
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	1.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	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
12	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
13	942.12	161.48	248.62	458.27	80.62	340.47	540.05	530.08	741.24	1598.99	538.57	784.53	107.64	509.20	0.00	0.00	4.18
14	21.01	1.23	40.40	3.61	0.11	4.01	12.69	14.73	236.15	0.00	2.92	4.77	1.83	6.28	0.00	0.00	0.00
15	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
16	14.89	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
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	0.15	2.01
20	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
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	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
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
24	0.27	0.47	1.28	0.02	1.04	0.85	0.25	35.10	0.00	0.00	0.00	0.00	0.08	7.99	0.00	0.00	0.00
25	0.44	0.00	0.00	0.23	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
26	278.60	1.86	0.00	23.51	53.78	3.24	7.99	13.49	158.08	0.00	1.04	49.06	0.13	35.32	18.22	3.58	3.74
27	80.93	0.00	0.00	40.32	0.00	0.00	0.00	0.00	152.04	0.00	0.00	21.91	0.00	1.65	0.00	0.00	0.00
28	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
<b>TOTAL</b>	<b>3054.96</b>	<b>983.57</b>	<b>1615.90</b>	<b>1000.79</b>	<b>1329.77</b>	<b>539.08</b>	<b>2209.05</b>	<b>1903.43</b>	<b>2202.03</b>	<b>1701.78</b>	<b>767.47</b>	<b>1325.74</b>	<b>1133.90</b>	<b>1213.35</b>	<b>804.73</b>	<b>3.96</b>	<b>57.96</b>
<b>TGA</b>	<b>17048</b>	<b>5456</b>	<b>12212</b>	<b>10213</b>	<b>10760</b>	<b>3951</b>	<b>9661</b>	<b>10490</b>	<b>13150</b>	<b>15433</b>	<b>5262</b>	<b>11765</b>	<b>6417</b>	<b>8047</b>	<b>6725</b>	<b>157</b>	<b>446</b>
<b>% to TGA</b>	<b>17.92</b>	<b>18.03</b>	<b>13.23</b>	<b>9.80</b>	<b>12.36</b>	<b>13.64</b>	<b>22.87</b>	<b>18.15</b>	<b>16.75</b>	<b>11.03</b>	<b>14.59</b>	<b>11.27</b>	<b>17.67</b>	<b>15.08</b>	<b>11.97</b>	<b>2.52</b>	<b>13.00</b>

01. Gullied and /or ravinous land (Shallow)	06. Waterlogged and Marshy land (Permanent)	11. Shifting cultivation area (Abandoned Jhum)	16. Degraded land under plantation crop	21. Sands-(Semi Stab.-Stab Moder. High 15-40m)	26. Barren Rocky/Stone Waste/Sheet Rock Area
02. Gullied and /or ravinous land (Medium)	07. Waterlogged and Marshy land (Seasonal)	12. Shifting cultivation area (Current Jhum)	17. Sands-(Flood Plain)	22. Sands-(Semi Stab. to Stab. low<15m)	27. Steep Sloping Area
03. Gullied and /or ravinous land (Deep)	08. Land affected by salinity/alkalinity (Strong)	13. Under utilised/degraded notified forest land	18. Sands-(Levees)	23. Sands-(Closely Spaced Inter-Dune Area)	28. Snow covered and/or Glacial Area
04. Land with scrub	09. Land affected by salinity/alkalinity (Moderate)	14. Under utilised/degraded notified forest land(Agri.)	19. Sands-(Coastal Sand)	24. Mining Wastelands	Total Wasteland Area
05. Land without scrub	10. Land affected by salinity/alkalinity (Slight)	15. Degraded pastures/grazing land	20. Sands-(Semi Stab.-Stab>40m)	25. Industrial Wastelands	TGA: Total Geographical Area

MAHARASHTRA Contd.....

Area in Sq km

Category	Nagpur	Nanded	Nashik	Osma-nabad	Parbh-ani	Pune	Raigad	Ratna-giri	Sangli	Satara	Sindh-udurg	Solapur	Thane	Wardha	Washim	Yavat-mal	Total
1	24.17	6.63	38.66	0.00	0.00	0.00	0.00	0.00	4.64	1.88	0.00	2.31	0.00	21.14	0.00	55.60	1182.04
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	6.68
3	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
4	858.40	805.46	989.78	80.28	1116.00	2711.23	661.98	1210.95	279.74	490.88	370.24	427.93	831.20	521.69	523.69	1097.44	19249.73
5	170.31	118.88	111.63	348.97	349.87	18.09	27.87	348.58	562.28	839.76	310.41	623.04	11.59	105.61	181.07	390.49	10086.88
6	0.00	0.00	0.00	0.00	0.00	0.00	151.47	28.08	0.00	0.00	17.23	0.00	178.34	0.00	0.00	0.00	395.61
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	3.38	0.00	0.00	0.00	4.22
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.83	0.00	0.00	0.00	29.19	0.00	0.00	0.00	38.02
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.44	0.00	0.00	0.00	2.45	0.00	0.00	0.00	19.89
10	0.00	0.00	0.00	0.00	0.00	0.00	174.80	0.00	9.37	0.00	0.00	0.00	42.26	0.00	0.00	0.00	228.22
11	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
12	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
13	126.13	205.76	1260.80	8.12	331.86	502.28	367.65	43.07	213.76	357.20	54.61	38.80	555.30	61.25	143.92	477.70	12334.27
14	263.79	165.88	94.03	0.09	0.00	500.58	10.97	0.29	24.94	12.99	1.40	14.68	6.06	48.04	22.34	219.82	1735.63
15	0.00	0.00	0.00	0.00	0.00	0.00	82.22	0.00	0.00	1.01	0.00	0.88	224.52	0.00	0.00	0.00	308.63
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	181.95	0.00	0.00	120.86	0.00	0.00	0.00	0.00	0.00	317.70
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	7.46	13.95	0.00	0.00	9.92	0.00	14.62	0.00	0.00	0.00	48.11
20	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
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	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
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
24	10.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	1.70	3.94	0.00	4.27	0.00	44.10	112.54
25	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	0.67
26	13.19	58.35	170.11	82.04	18.80	392.74	32.29	56.99	244.48	85.23	165.77	128.40	101.48	20.83	0.41	176.92	2399.68
27	0.00	0.00	76.82	0.00	0.00	269.13	22.60	55.23	0.03	12.53	30.21	3.89	39.59	0.00	0.00	0.00	806.88
28	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
<b>TOTAL</b>	<b>1466.23</b>	<b>1360.96</b>	<b>2741.83</b>	<b>519.49</b>	<b>1816.53</b>	<b>4394.05</b>	<b>1539.31</b>	<b>1939.09</b>	<b>1365.51</b>	<b>1802.42</b>	<b>1082.35</b>	<b>1243.87</b>	<b>2039.98</b>	<b>782.83</b>	<b>871.44</b>	<b>2462.07</b>	<b>49275.41</b>
<b>TGA</b>	<b>9931</b>	<b>10502</b>	<b>15530</b>	<b>7485</b>	<b>12561</b>	<b>15642</b>	<b>7148</b>	<b>8391</b>	<b>8572</b>	<b>10484</b>	<b>4663.43</b>	<b>15017</b>	<b>9558</b>	<b>6310</b>	<b>5119</b>	<b>13584</b>	<b>307690</b>
<b>% to TGA</b>	<b>14.76</b>	<b>12.96</b>	<b>17.66</b>	<b>6.94</b>	<b>14.46</b>	<b>28.09</b>	<b>21.53</b>	<b>23.11</b>	<b>15.93</b>	<b>17.19</b>	<b>23.21</b>	<b>8.28</b>	<b>21.34</b>	<b>12.41</b>	<b>17.02</b>	<b>18.12</b>	<b>16.01</b>

- |   |   |   |   |  |  |
|---|---|---|---|--|--|
| 01. Gullied and /or ravinous land (Shallow) | 06. Waterlogged and Marshy land (Permanent)         | 11. Shifting cultivation area (Abandoned Jhum)          | 16. Degraded land under plantation crop | 21. Sands-(Semi Stab.-Stab Moder. High 15-40m) | 26. Barren Rocky/Stone Waste/Sheet Rock Area |
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| 03. Gullied and /or ravinous land (Deep)    | 08. Land affected by salinity/alkalinity (Strong)   | 13. Under utilised/degraded notified forest land        | 18. Sands-(Levees)                      | 23. Sands-(Closely Spaced Inter-Dune Area)     | 28. Snow covered and/or Glacial Area         |
| 04. Land with scrub                         | 09. Land affected by salinity/alkalinity (Moderate) | 14. Under utilised/degraded notified forest land(Agri.) | 19. Sands-(Coastal Sand)                | 24. Mining Wastelands                          | Total Wasteland Area                         |
| 05. Land without scrub                      | 10. Land affected by salinity/alkalinity (Slight)   | 15. Degraded pastures/grazing land                      | 20. Sands-(Semi Stab.-Stab>40m)         | 25. Industrial Wastelands                      | TGA: Total Geographical Area                 |