

For Official Use

WASTELAND MAP 2003

Madhya Pradesh

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.

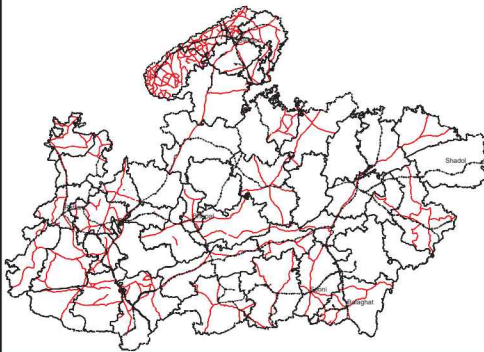
Prepared by:

Remote Sensing Service Centre
 MAPCOST, Science Hills, Nehru Nagar
 Bhopal, 462003 Madhya Pradesh

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

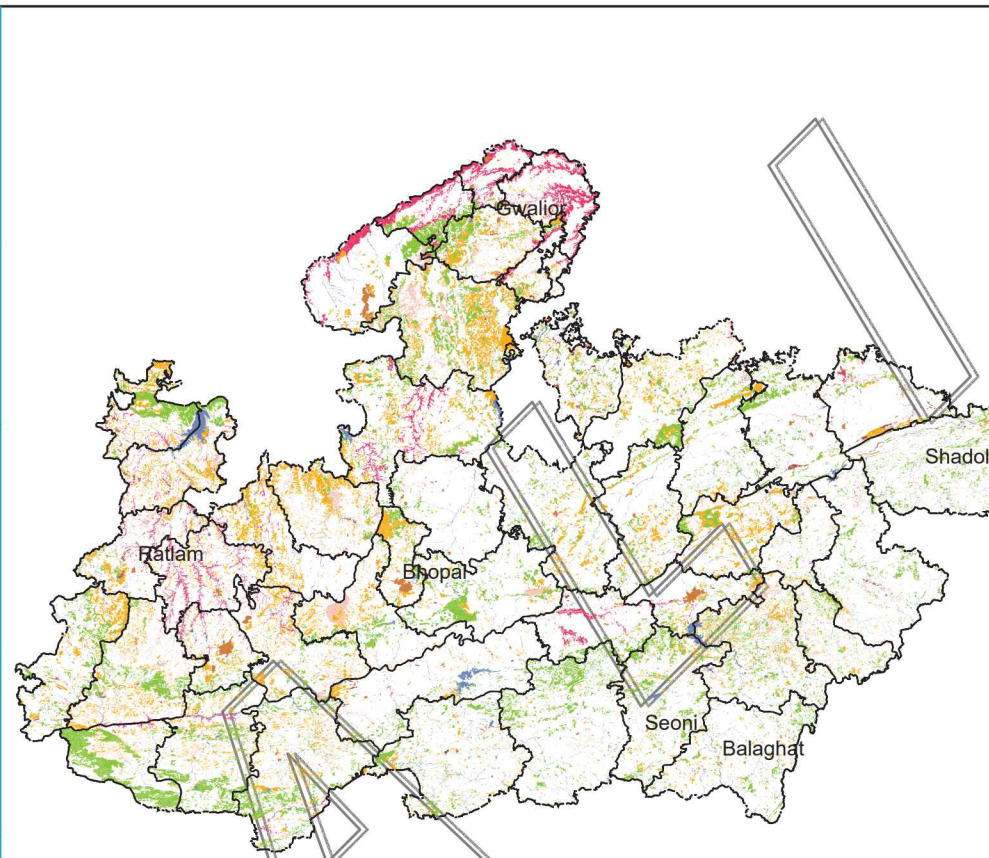
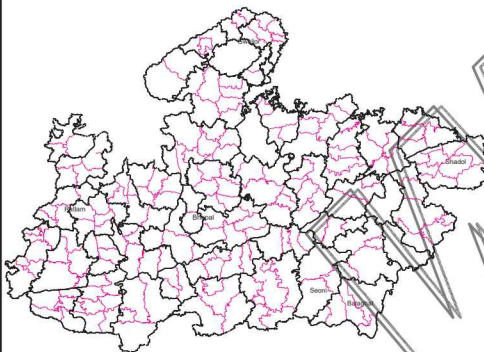
Base



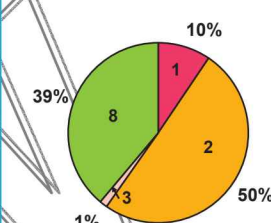
Watershed



Administrative



AREA STATISTICS



Note: Refer legend for category

Total Geog. Area (TGA) : 308252.00 sq.km
 Total Wasteland Area : 57134.03 sq.km.
 Wasteland Area : 18.53 percent

MADHYA PRADESH

Area in Sq km

Category	Balaghat	Barwani	Betul	Bhind	Bhopal	Chhatarpur	Chhindwara	Damoh	Datia	Dewas	Dhar	Dindori	Guna & Ashoknagar	Gwalior	Harda	Hoshangabad	Indore	Jabalpur	Jhabua	Kalan & Shyampur	Katni	Khandwa & Burhanpur
1	0.39	45.29	2.97	0.00	0.00	11.37	4.91	6.54	173.44	1.10	46.82	0.00	559.33	1.06	11.44	5.22	0.00	40.58	0.00	15.51	9.14	39.92
2	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	124.00	0.00	0.00	0.00	65.32	0.00	0.00	166.23	0.00	0.00	157.87	0.00	0.00
3	0.00	0.00	0.00	1048.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.33	0.00	0.00	0.00	0.00	0.00	513.20	0.00	0.00
4	255.95	344.85	520.44	78.48	583.38	3611.24	227.59	613.52	288.44	840.72	117.50	227.09	1523.15	668.03	166.80	213.24	346.68	279.38	944.66	24.93	938.18	852.38
5	13.90	0.00	2.37	0.00	0.00	41.77	21.85	0.00	0.00	0.00	0.00	106.09	13.96	188.19	5.80	3.55	0.00	76.10	0.00	13.12	98.27	0.00
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
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	4.77	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	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	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	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	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	0.00	0.00	0.00	0.00	0.00
13	338.00	701.68	489.25	9.74	171.06	569.39	1164.60	308.99	126.54	319.12	262.75	289.48	434.74	583.08	68.52	91.79	157.68	170.64	670.06	634.22	434.22	607.28
14	206.52	0.00	151.21	3.60	111.13	91.68	0.00	61.55	0.00	0.00	506.78	91.50	236.17	23.44	0.00	0.00	0.00	38.52	0.00	0.45	11.54	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.35	0.00	0.00	0.00	0.00	0.00	0.00	6.14	0.00	0.00	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	5.90	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	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	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
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	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	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	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	0.00	0.00	0.00	0.00	0.00
24	9.68	0.00	5.35	0.00	0.00	0.00	7.43	3.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.12	11.41	0.00	26.72	0.00
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	0.00	0.00	0.00	0.00	0.00	0.00
26	2.77	1.84	12.46	0.00	1.42	0.00	7.83	1.75	18.49	0.00	17.60	0.60	7.41	11.48	40.51	4.74	0.00	1.15	29.95	0.00	3.77	8.20
27	0.00	0.78	0.00	0.00	0.00	0.00	0.96	6.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00
TOTAL	827.21	1094.44	1184.05	1140.18	866.99	4325.45	1435.17	1002.92	606.91	1284.94	979.70	714.76	2774.76	1542.93	293.07	318.54	670.59	618.40	1656.08	1359.30	1521.84	1507.78
TGA	9229	5422	10043	4459	2772	8687	11815	7306	2038	7020	8153	4068	11065	5214	3330	6707	3898	4026	6782	6606	6134	10779
% to TGA	8.96	20.19	11.79	25.57	31.28	49.79	12.15	13.73	29.78	18.30	12.02	17.57	25.08	29.59	8.80	4.75	17.20	15.36	24.42	20.58	24.81	13.99

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|---------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|-----------------------------------------|------------------------------------------------|----------------------------------------------|
| 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 |

MADHYA PRADESH Contd.....

Area in Sq km

Category	Kharg-aon (W. Nimar)	Mandla	Mands-aur	Morena	Narsim-hapur	Neem-uch	Panna	Raisen	Rajgarh	Ratlam	Rewa	Sagar	Satna	Sehore	Seoni	Shahdol & Anuppur	Shajap-ur	Shivp-uri	Sidhi	Tikam-garh	Ujjain	Umaria	Vidisha	Total
1	3.03	2.69	154.09	0.00	9.14	82.74	22.59	0.00	31.25	214.14	54.75	1.06	8.75	0.00	0.00	23.01	117.94	0.00	23.36	0.00	0.00	8.54	0.00	292.83
2	54.29	0.00	0.00	0.00	296.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	563.35	0.00	0.00	124.12
3	0.07	0.00	0.00	550.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1048.24
4	647.36	783.57	938.62	23.03	80.44	653.65	412.52	316.86	1402.18	365.27	205.74	605.17	70.59	990.11	458.61	119.13	1135.29	2718.83	184.23	526.95	492.10	85.44	197.25	7709.20
5	7.52	417.40	0.00	0.00	26.78	0.00	0.00	3.35	0.00	179.37	114.63	0.00	88.40	0.00	167.50	197.90	0.00	0.00	8.12	0.00	0.00	178.37	0.00	185.98
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	27.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.48	0.00	0.00	0.00	0.53	0.00	0.00	0.01	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	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	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	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	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	778.07	657.79	243.60	59.00	319.72	814.98	315.22	522.28	85.97	107.68	228.95	407.09	603.60	292.00	896.91	252.43	47.22	1249.68	557.77	309.12	0.00	107.53	89.73	4750.60
14	474.79	146.80	0.00	5.46	0.00	13.83	225.43	293.95	0.00	0.00	23.74	180.84	155.59	70.14	75.67	269.99	0.00	31.16	453.90	96.80	0.00	47.90	88.27	1223.97
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.35
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.90
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	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	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	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	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	4.82	0.00	0.00	0.00	0.00	2.44	1.12	13.05	0.00	0.00	3.27	0.00	0.00	13.23	18.06	0.00	0.00	0.00	26.24
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	5.02	3.65	53.58	0.00	18.56	44.58	0.85	0.00	14.50	40.22	101.79	6.01	47.62	0.00	6.00	19.18	0.00	25.47	51.94	159.06	0.00	9.19	0.00	64.76
27	1.99	1.17	0.00	0.00	4.45	1.52	21.26	0.00	2.56	0.00	16.82	0.00	9.43	0.00	0.00	0.64	0.00	2.90	8.74	0.00	0.00	0.50	0.00	8.53
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	1972.14	2040.83	1389.89	638.31	755.46	1616.12	997.87	1136.44	1536.46	906.68	750.01	1201.29	997.03	1352.25	1622.17	886.59	1300.45	4028.04	1301.82	1109.99	1055.45	437.48	375.25	57134.03
TGA	8028	9201	5535.00	4988	5133	4256	7135	8466	6154	4861	6314	10252	7502	6578	8758	10349	6196	10278	10526	5048	6091	3679	7371	308252
% To TGA	24.57	22.18	25.11	12.80	14.72	37.97	13.99	13.42	24.97	18.65	11.88	11.72	13.29	20.56	18.52	8.57	20.99	39.19	12.37	21.99	17.33	11.89	5.09	18.53

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|---------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|-----------------------------------------|------------------------------------------------|----------------------------------------------|
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