

Table 52: District - wise distribution of Wastelands

RAJASTHAN

Category	Ajmer	Alwar	Barmer	Banswara	Baran	Bharatpur	Bhilwara	Bikaner	Bundi	Chittaurgarh	Churu	Dausa	Dholpur	Dungarpur	Ganganagar	Hanuman-garh	Jaipur
1	0.09	56.69	0.00	0.00	78.30	59.41	12.32	59.16	99.29	0.00	0.00	73.49	68.06	0.00	0.00	0.00	3.31
2	0.00	67.94	20.22	0.00	100.47	0.00	0.00	37.25	210.29	0.00	0.00	33.23	120.08	0.00	0.00	0.00	17.89
3	654.08	449.93	1032.84	169.50	191.44	193.16	1618.22	1430.39	247.19	866.63	52.82	129.78	315.96	371.09	21.95	13.66	181.24
4	910.43	83.24	384.68	164.26	131.87	58.70	768.28	265.73	37.20	442.76	343.38	93.33	83.08	552.60	89.39	33.61	874.92
5	8.31	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	1.32	0.00	0.00	0.00	0.00	5.00	10.10
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	2.97	1.40	0.00
7	11.98	0.20	123.12	0.00	0.00	0.25	0.00	0.00	0.00	2.54	14.71	0.17	0.00	0.00	0.00	0.00	19.12
8	19.90	0.00	9.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.15	0.00	0.00	0.00	0.00	39.87
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	210.79	111.10	124.69	629.12	1197.68	57.07	363.48	70.87	770.48	892.10	0.00	75.97	297.98	324.88	0.00	23.12	385.51
12	0.00	40.59	0.75	25.97	130.61	0.19	9.11	0.00	0.00	183.16	0.00	1.24	56.96	18.22	0.00	0.00	0.00
13	128.01	0.00	279.09	23.57	106.82	0.00	324.26	485.71	27.20	50.57	128.12	15.10	0.00	27.97	0.00	21.46	55.98
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.08	0.35	0.00	0.00	46.52	6.94	0.00	0.00	0.00	0.00	0.00	0.90	0.15	0.00	0.00	0.00	23.23
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	0.00	0.00
17	19.14	0.08	402.27	0.00	0.00	6.04	0.08	1111.56	0.35	0.00	58.42	0.48	0.00	0.00	154.59	330.54	97.69
18	0.00	0.00	1728.70	0.00	0.00	0.00	0.00	1278.94	0.00	0.00	0.00	0.00	0.00	0.00	1088.21	20.44	0.00
19	0.00	0.00	2598.27	0.00	0.00	0.00	0.00	5907.50	0.00	0.00	109.99	0.00	0.00	0.00	171.83	0.00	0.00
20	3.37	0.75	1.95	3.71	0.00	1.41	2.65	0.00	0.41	4.99	0.04	0.72	0.22	2.23	0.00	0.00	3.20
21	0.00	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	2.57	0.00	0.00
22	182.53	273.70	299.06	102.90	35.27	196.08	206.16	19.63	88.81	98.87	4.94	26.70	20.50	52.80	0.00	0.00	80.79
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	2148.69	1084.56	7005.56	1119.37	2018.97	579.25	3304.55	10667.12	1481.21	2541.62	714.14	451.25	963.00	1349.93	1531.49	449.23	1792.85
TGA	8481	8380	28387	5037	6955	5092	10455	27244	5550	10856	16830	3432	3008	3770	10978	9656	10636
% to TGA	25.34	12.94	24.68	22.22	29.03	11.38	31.61	39.15	26.69	23.41	4.24	13.15	32.01	35.81	13.95	4.65	16.86

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

RAJASTHAN Contd....

Category	Jaisalmer	Jalore	Jhalawar	Jhunjhunu	Jodhpur	Karauli	Kota	Nagaur	Pali	Rajsamand	Sikar	Sirohi	Sawai madhopur	Tonk	Udaipur	Total
1	0.00	51.89	19.71	1.42	11.72	134.53	96.61	0.00	14.35	0.00	21.43	42.62	114.95	0.83	0.00	1020.17
2	0.00	20.42	0.26	27.46	0.00	26.95	156.24	0.00	0.00	0.00	2.64	10.74	9.36	3.32	0.00	864.75
3	8352.40	233.51	731.81	30.23	439.60	310.24	238.47	291.82	1188.03	1478.24	50.38	526.85	163.49	324.15	1362.60	23661.70
4	3870.31	80.84	374.63	324.37	945.42	60.69	19.84	289.53	361.50	328.08	392.10	400.07	156.77	269.22	1428.55	14619.38
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.05	0.00	0.00	0.09	1.62	0.00	0.00	0.00	64.88
6	15.33	0.00	0.00	0.00	27.57	0.00	0.00	0.00	7.01	0.00	0.67	0.00	0.00	0.00	0.00	54.94
7	11.36	11.91	0.00	0.00	48.97	0.00	0.00	18.09	77.78	0.00	6.93	0.00	0.00	0.00	0.00	347.12
8	40.67	36.66	0.00	0.00	6.18	0.00	0.00	102.56	7.72	0.00	4.48	0.00	0.62	0.00	0.00	269.12
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
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
11	145.87	161.06	604.36	169.99	57.53	1121.07	521.43	127.64	197.16	41.21	309.74	504.43	388.69	102.92	1377.87	11365.78
12	0.04	0.00	12.83	0.00	0.00	243.21	0.00	0.00	4.16	10.66	0.00	14.84	15.14	0.00	86.67	854.34
13	85.98	286.88	16.15	56.71	661.95	1.38	6.08	528.26	395.64	30.73	68.08	50.28	11.68	4.18	40.60	3918.42
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.03	0.00	15.48	4.10	0.00	0.34	0.00	69.59	0.09	19.85	4.51	2.59	1.94	0.00	196.69
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	0.00
17	528.99	285.73	0.00	19.21	1084.12	0.05	0.00	327.84	8.87	0.00	178.00	33.16	8.54	0.16	0.00	4655.88
18	6905.69	20.57	0.00	0.00	145.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11188.21
19	5058.99	132.30	0.00	0.00	1349.97	0.00	0.00	248.36	0.00	0.00	0.00	9.24	0.00	0.00	0.00	15586.44
20	0.84	0.91	3.30	0.00	20.59	0.56	0.53	4.27	5.85	12.52	0.12	4.97	0.36	0.17	26.21	106.86
21	0.00	0.61	0.00	0.00	0.99	0.00	0.00	0.00	1.37	0.00	0.00	2.08	0.00	0.00	0.97	9.06
22	1228.13	173.30	13.90	32.69	500.21	55.44	11.32	92.67	289.24	392.05	28.33	117.27	12.33	22.49	247.63	4905.72
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
Total	26244.58	1496.61	1776.94	677.56	5304.56	1954.13	1050.85	2069.09	2628.27	2293.56	1082.84	1722.69	884.51	729.38	4571.11	93689.47
TGA	38401	10640	6219	5928	22850	5524	5481	17718	12387	4689	7732	5136	5003	7194	12590	342239
% to TGA	68.34	14.07	28.57	11.43	23.21	35.38	19.17	11.68	21.22	48.91	14.00	33.54	17.68	10.14	36.31	27.38

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) :342239.00 sq.km.
 Total Wasteland Area : 93689.47 sq. km.
 Wasteland Area : 27.38%

Figure. 40

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



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

Partner Institution:

Regional Remote Sensing Service Centre
 Dept. of Space, Govt. of India,
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 JODHPUR - 342003
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Coordinated by:

Land Use Division, LRG, RS & GIS - AA
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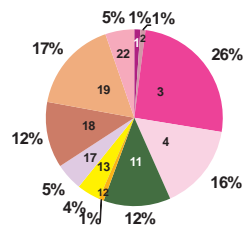
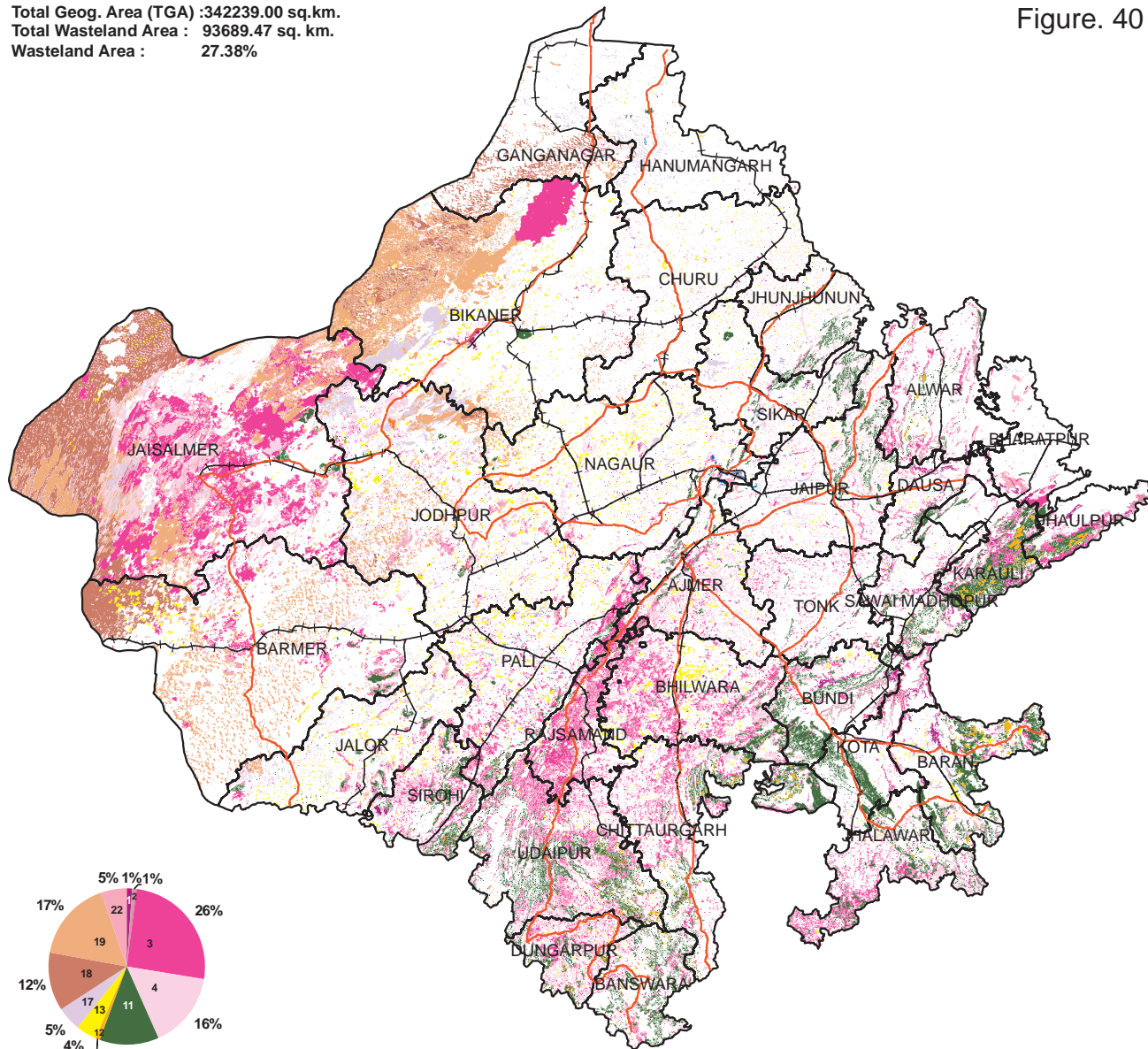


Table 53: Rajasthan - Category-wise distribution and changes in wastelands

Area in sq.km.

SI	Wasteland Categories	2005-06	%	2003	%	Change	% diff
1	Gullied and/or ravinous land-Medium	1020.17	0.30	5062.08	1.48	-4041.91	-1.18
2	Gullied and/or ravinous land-Deep	864.75	0.25	1538.81	0.45	-674.06	-0.20
3	Land with Dense Scrub	23661.70	6.91	30010.58	8.77	-6348.88	-1.86
4	Land with Open Scrub	14619.38	4.27	6846.24	2.00	7773.14	2.27
5	Waterlogged and Marshy land-Permanent	64.88	0.02	115.92	0.03	-51.04	-0.01
6	Waterlogged and Marshy land-Seasonal	54.94	0.02	144.06	0.04	-89.12	-0.03
7	Land affected by salinity/alkalinity-Moderate	347.12	0.10	3132.12	0.92	-2785.00	-0.81
8	Land affected by salinity/alkalinity-Strong	269.12	0.08	633.60	0.19	-364.48	-0.11
9	Under utilised/degraded notified forest land-Scrub dominated	11365.78	3.32	8909.91	2.60	2455.87	0.72
10	Under utilised/degraded notified forest land-Agriculture	854.34	0.25	710.30	0.21	144.04	0.04
11	Degraded pastures/grazing land	3918.42	1.14	8766.47	2.56	-4848.05	-1.42
12	Degraded land under plantation Crops	0.00	0.00	181.28	0.05	-181.28	-0.05
13	Sands-Riverine	196.69	0.06	189.56	0.06	7.13	0.00
14	Sands-Desertic	4655.88	1.36	10275.09	3.00	-5619.20	-1.64
15	Sands-Semi stabilised-Stabilised >40m	11188.21	3.27	2672.88	0.78	8515.33	2.49
16	Sands-Semi stabilised- Stabilised Moderate High 15-40m	15586.44	4.55	16380.70	4.79	-794.27	-0.23
17	Mining wastelands	106.86	0.03	233.77	0.07	-126.91	-0.04
18	Industrial wastelands	9.06	0.00	398.68	0.12	-389.61	-0.11
19	Barren rocky area	4905.72	1.43	5251.80	1.53	-346.07	-0.10
	Total	93689.47	27.38	101453.85	29.64	-7764.38	-2.27
	TGA	342239.00					