

Table 22: District - wise distribution of Wastelands

GUJARAT

Category	Ahmada-bad	Amreli	Banas-Kantha	Bharuch	Bhavnagar	Gandhina-gar	Jamnagar	Junagadh	Kachch	Kheda	Mahesana	Panch Mahal	Rajkot	Sabar Kantha	Surat	Suren-dranagar	The Dangs	Vadodara	Valsad	Total
1	3.49	0.00	0.00	21.14	0.00	13.67	0.00	0.00	54.51	36.25	43.50	0.00	0.00	73.59	2.68	0.00	0.00	143.18	0.00	392.02
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.73
3	204.76	291.42	467.18	649.25	839.82	24.91	436.91	316.00	4525.39	144.11	300.33	227.78	567.80	355.50	210.20	573.51	0.50	425.93	1053.55	11614.83
4	152.26	182.65	282.31	103.79	477.48	5.23	625.77	244.42	2831.38	45.32	68.36	96.42	710.30	184.35	43.76	531.53	0.20	42.12	30.38	6658.03
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	15.36	0.00	4.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.69	0.00	48.58	0.13	0.00	0.00	10.94	80.59
7	199.38	72.27	42.69	61.93	120.22	0.00	0.99	20.02	86.33	22.57	15.62	0.00	0.00	1.17	0.00	51.88	0.00	0.86	0.62	696.55
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
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
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
11	0.00	67.28	109.81	24.28	0.17	0.00	0.00	104.79	28.41	1.26	3.30	529.76	1.40	65.87	177.55	0.00	228.79	14.88	56.32	1413.86
12	0.00	0.00	0.00	124.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	30.80	0.00	155.35
13	6.84	0.00	2.63	3.24	4.06	0.00	0.80	0.00	0.00	0.00	0.03	0.00	9.39	0.00	2.79	8.49	0.00	0.37	5.54	44.19
14	0.82	0.00	0.07	17.56	0.00	0.00	11.59	0.00	0.59	1.78	4.27	0.00	0.00	0.00	1.75	0.00	0.00	14.09	0.54	53.06
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	0.00	0.00	0.00
16	0.00	0.49	0.00	0.61	1.54	0.00	16.88	5.93	49.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.38
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
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
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
20	0.00	0.00	0.00	0.26	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.73	0.00	0.00	0.00	5.02	15.29
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
22	0.00	0.00	0.00	0.04	1.99	0.00	0.09	0.00	74.55	0.00	0.00	66.73	0.00	0.00	4.60	0.00	0.00	1.03	0.45	149.49
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
<b>Total</b>	<b>582.90</b>	<b>614.12</b>	<b>909.12</b>	<b>1006.62</b>	<b>1445.28</b>	<b>43.81</b>	<b>1093.31</b>	<b>691.16</b>	<b>7651.10</b>	<b>252.00</b>	<b>435.40</b>	<b>921.15</b>	<b>1289.58</b>	<b>680.48</b>	<b>501.69</b>	<b>1165.53</b>	<b>229.49</b>	<b>674.27</b>	<b>1163.35</b>	<b>21350.38</b>
TGA	8707.00	6760.00	12703.00	6244.00	11155.00	649.00	14125.00	8306.00	45652.00	4150.00	3343.00	5257.00	11203.00	7390.00	7657.00	10489.00	1764.00	7794.00	3033.00	196024.00
% to TGA	6.69	9.08	7.16	16.12	12.96	6.75	7.74	8.32	16.76	6.07	13.02	17.52	11.51	9.21	6.55	11.11	13.01	8.65	38.36	10.89

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

Figure. 25

# WASTELAND MAP

2005-06

GUJARAT



### 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



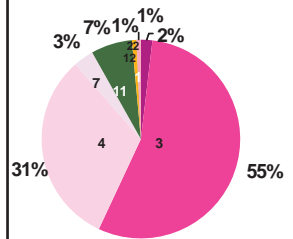
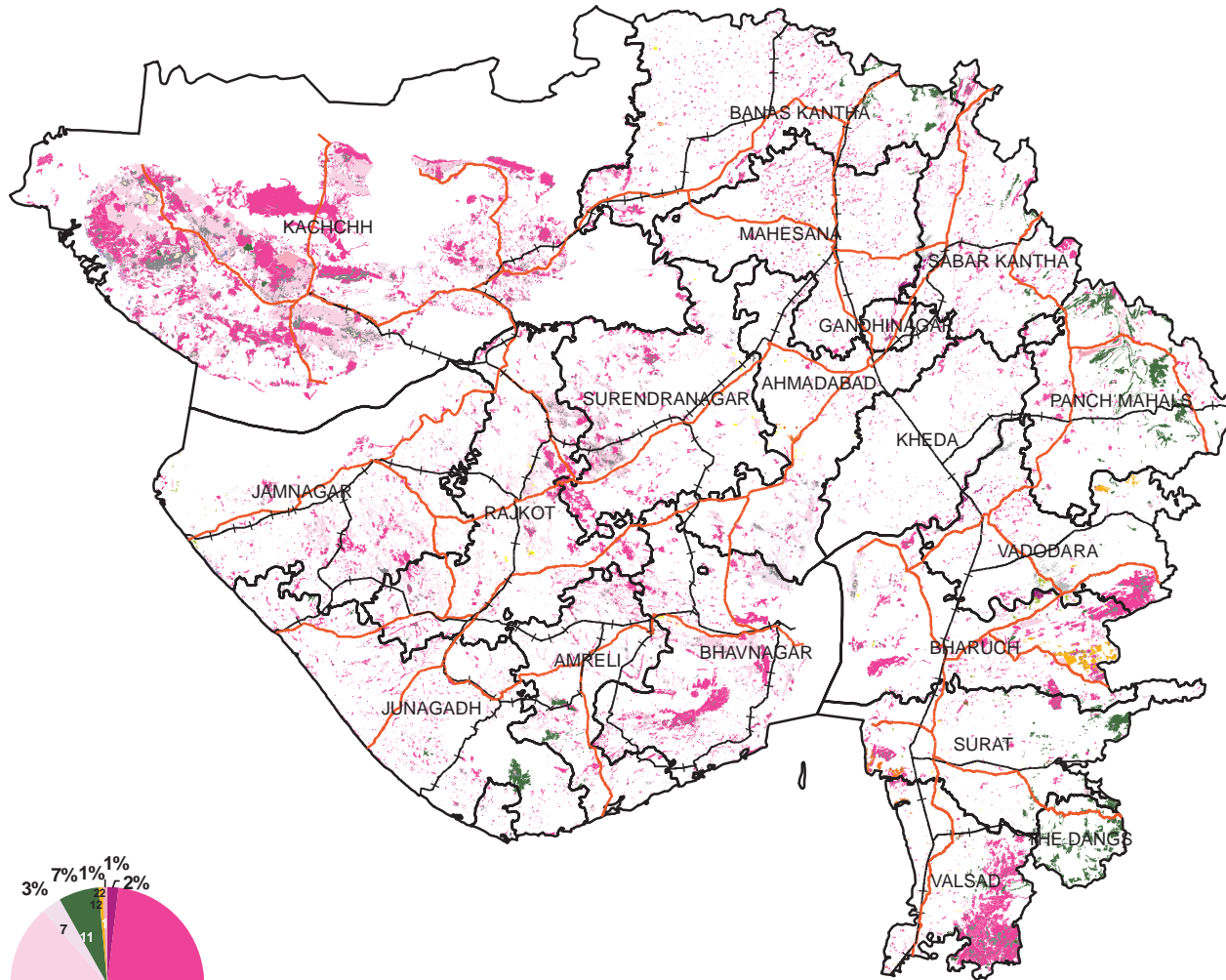
Based on 3 season data of IRS P6  
LISS III (2005-06) & Limited ground checks

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**Total Geog. Area (TGA) :196024 sq.km.**  
**Total Wasteland Area : 21350.38 sq. km.**  
**Wasteland Area : 10.89 %**

**Table 23: Gujarat - 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	392.02	0.20	391.24	0.20	0.78	0.00
2	Gullied and/or ravinous land-Deep	1.73	0.00	0.00	0.00	1.73	0.00
3	Land with Dense Scrub	11614.83	5.93	11507.23	5.87	107.60	0.05
4	Land with Open Scrub	6658.03	3.40	4967.40	2.53	1690.63	0.86
5	Waterlogged and Marshy land-Permanent	0.00	0.00	0.00	0.00	0.00	0.00
6	Waterlogged and Marshy land-Seasonal	80.59	0.04	99.99	0.05	-19.40	-0.01
7	Land affected by salinity/alkalinity-Moderate	696.55	0.36	1411.64	0.72	-715.09	-0.36
8	Under utilised/degraded notified forest land-Scrub dominated	1413.86	0.72	1365.19	0.70	48.67	0.02
9	Under utilised/degraded notified forest land-Agriculture	155.35	0.08	193.02	0.10	-37.67	-0.02
10	Degraded pastures/grazing land	44.19	0.02	71.84	0.04	-27.65	-0.01
11	Degraded land under plantation Crops	53.06	0.03	68.60	0.03	-15.54	-0.01
12	Sands-Coastal	75.38	0.04	78.10	0.04	-2.72	0.00
13	Mining wastelands	15.29	0.01	55.47	0.03	-40.18	-0.02
14	Barren rocky area	149.49	0.08	168.03	0.09	-18.54	-0.01
	<b>Total</b>	<b>21350.38</b>	<b>10.89</b>	<b>20377.75</b>	<b>10.40</b>	<b>972.62</b>	<b>0.50</b>
	TGA	196024.00					