

Table 12: District - wise distribution of Wastelands

ASSAM

Cat-egory	Barpeta	Bon-gaigaon	Cachar	Darrang	Dhemaji	Dhuburi	Dibru-garh	Goal-para	Go-laghat	Haila-kandi	Jorhat	Kamrup	Karbi-Anglong	Karim-ganj	Kokra-jhar	Lakhim-pur	Marig-aon	Nagaon	Nalbari	North Cachar Hills	Sibsagar	Sonitpur	Tinsukia	Total
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	2.31	5.15	0.08	1.91	0.00	7.02	0.00	0.00	0.00	0.00	0.00	0.80	1263.26	0.00	2.34	0.00	0.00	27.56	0.00	646.37	0.00	0.00	0.00	1956.80
4	19.30	18.70	0.00	9.14	0.00	3.27	0.00	0.00	0.00	0.00	0.00	8.35	953.49	0.00	0.00	0.00	1.90	22.74	0.85	588.94	0.00	0.00	0.00	1626.68
5	28.62	24.66	37.17	4.95	16.45	31.79	2.66	23.80	21.02	7.23	50.93	66.09	0.00	20.48	7.07	19.66	39.31	43.08	13.73	0.00	1.46	15.49	19.04	494.69
6	42.88	6.55	133.87	19.02	124.86	9.45	34.77	30.55	41.29	21.09	20.56	83.88	0.04	69.30	6.19	114.01	27.39	65.22	27.49	0.00	62.15	18.32	66.58	1025.46
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	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	14.02	0.00	0.00	0.00	0.00	0.00	0.00	27.99	0.00	0.00	47.22	27.52	0.00	0.00	0.17	0.00	0.00	43.23	0.00	0.00	0.00	160.15
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.80	33.58	0.00	0.00	0.00	0.00	0.00	0.00	31.03	0.00	0.00	0.00	79.41
11	20.67	22.40	33.20	0.22	8.37	60.03	30.28	79.59	2.71	20.83	12.12	206.63	334.71	12.67	64.28	13.20	4.12	15.53	51.21	179.85	2.57	50.41	75.20	1300.80
12	22.00	36.11	21.00	25.57	0.00	2.31	0.24	4.79	565.34	27.45	0.00	24.94	37.49	24.51	422.28	36.44	4.02	152.15	12.65	0.00	52.47	600.91	59.83	2132.50
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	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	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
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	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	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	1.51	1.51
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
Total	135.78	113.57	239.34	60.81	149.68	113.88	67.95	138.73	630.36	104.59	83.61	405.49	2669.79	154.48	502.17	183.31	76.91	326.28	105.94	1489.42	118.65	685.13	222.16	8778.02
TGA	3245.00	2510.00	3786.00	3481.00	3237.00	2838.00	3381.00	1824.00	3502.00	1327.00	2851.00	4345.00	10434.00	1809.00	3129.00	2277.00	1704.00	3831.00	2257.00	4888.00	2668.00	5324.00	3790.00	78438.00
% to TGA	4.18	4.52	6.32	1.75	4.62	4.01	2.01	7.61	18.00	18.00	2.93	9.33	25.59	8.54	16.05	8.05	4.51	8.52	4.69	30.47	4.45	12.87	5.86	11.19

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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 |

WASTELAND MAP

2005-06

ASSAM



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

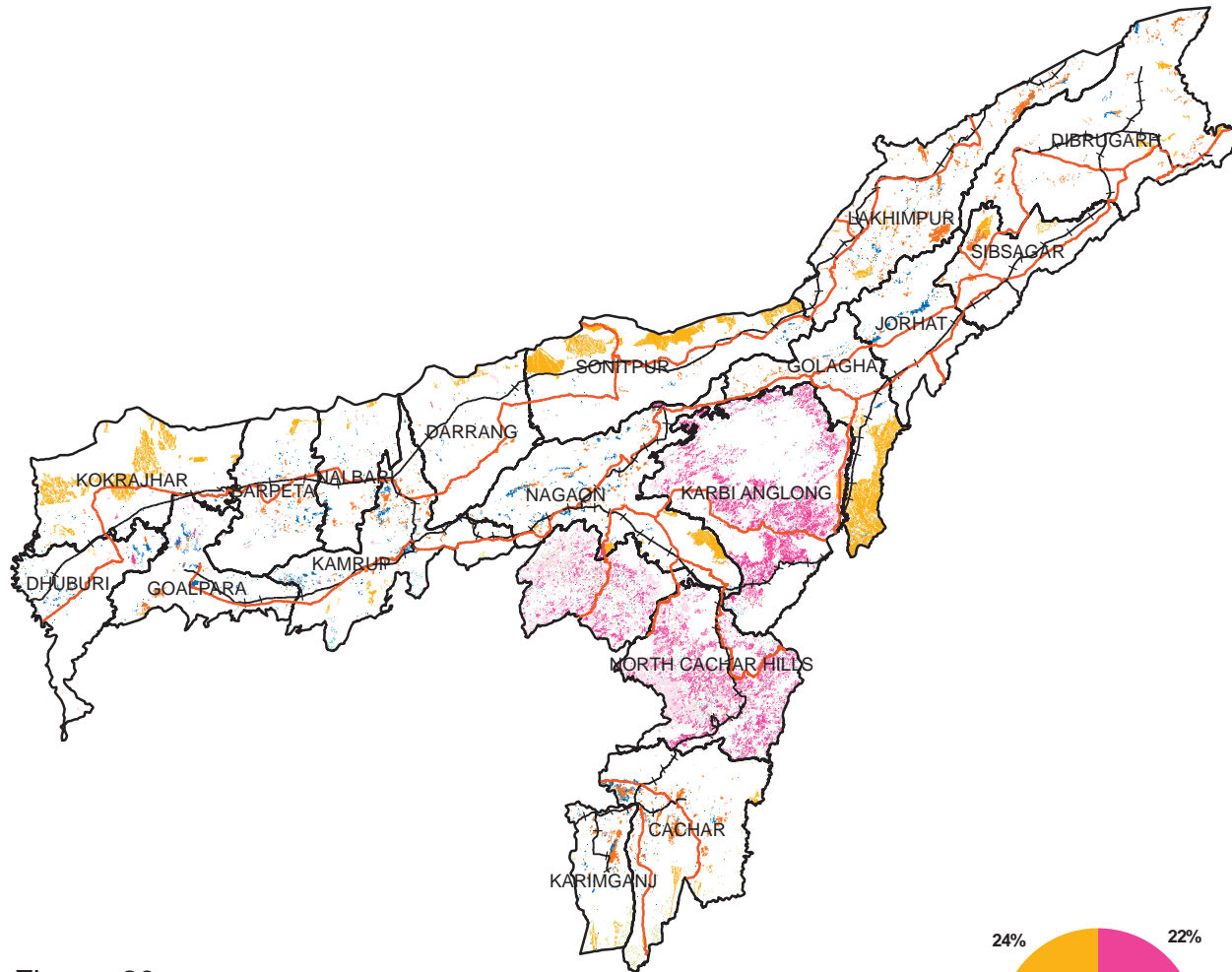
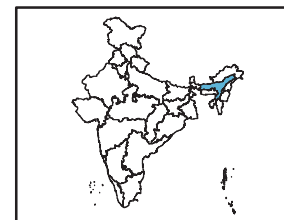
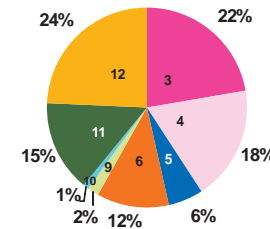


Figure. 20

Total Geog. Area (TGA) : 78438.00 sq.km.
 Total Wasteland Area : 8778.02 sq. km.
 Wasteland Area : 11.19 %



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

<p>Partner Institution: Assam Remote Sensing Application Centre R. G. Baruah Road, Uday Path Guwahati- 781024 Assam</p>	<p>Coordinated by: Land Use Division, LRG, RS & GIS - AA National Remote Sensing Centre ISRO, Dept. of Space, Govt of India, Balanagar, Hyderabad - 500625</p>
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Table 13: Assam - Category-wise distribution and changes in wastelands

Area in sq.km.

SI	Wasteland Categories	2005-06	%	2003	%	Change	% diff
1	Land with Dense Scrub	1956.80	2.49	1780.95	2.27	175.85	0.22
2	Land with Open Scrub	1626.68	2.07	314.11	0.40	1312.57	1.67
3	Waterlogged and Marshy land-Permanent	494.69	0.63	1201.81	1.53	-707.12	-0.90
4	Waterlogged and Marshy land-Seasonal	1025.46	1.31	385.08	0.49	640.38	0.82
5	Shifting cultivation area-Current Jhum	160.15	0.20	435.89	0.56	-275.74	-0.35
6	Shifting cultivation area-Abandoned Jhum	79.41	0.10	3495.08	4.46	-3415.67	-4.35
7	Under utilised/degraded notified forest land-Scrub dominated	1300.80	1.66	2489.74	3.17	-1188.94	-1.52
8	Under utilised/degraded notified forest land-Agriculture	2132.50	2.72	3536.33	4.51	-1403.83	-1.79
9	Degraded pastures/grazing land	0.00	0.00	0.00	0.00	0.00	0.00
10	Sands-Riverine	0.01	0.00	392.70	0.50	-392.69	-0.50
11	Mining Wastelands	1.51	0.00	2.39	0.00	-0.88	0.00
12	Industrial wastelands	0.00	0.00	0.00	0.00	0.00	0.00
13	Barren rocky area	0.00	0.00	0.00	0.00	0.00	0.00
	Total	8778.01	11.19	14034.08	17.89	-5256.07	-6.70
	TGA	78438.00					