

For Official Use

# WASTELAND MAP 2003 Assam



## 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                        |              |                         |

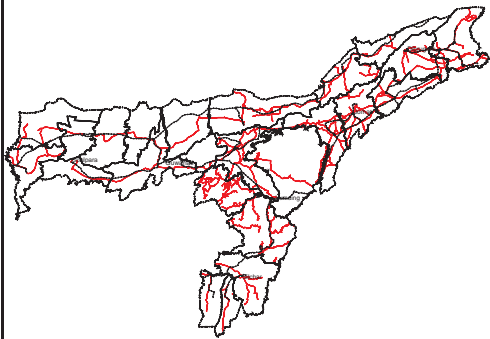
Source: Wasteland Maps - 2003 on 1:50,000 scale (Based on IRS Satellite LISS - III Imagery, Wasteland Maps (1986 - 2000), limited field check, Revenue Records / Maps.

Prepared by:  
**Assam Remote Sensing Application Centre (ASTEC)**, RG Baruah Road, Uday Path Guwahati, 781 024, Assam

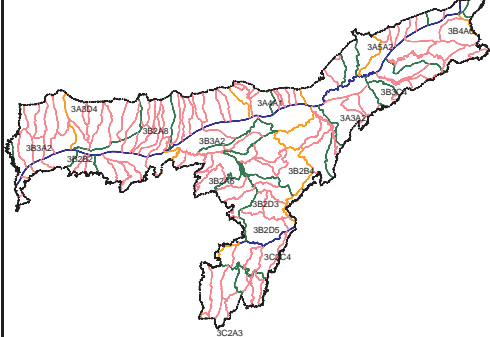
Co-ordinated by:  
Land Use Division, RS & GIS AA  
National Remote Sensing Agency  
Dept. of Space, Govt. of India,  
Balanagar, Hyderabad - 500 037

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

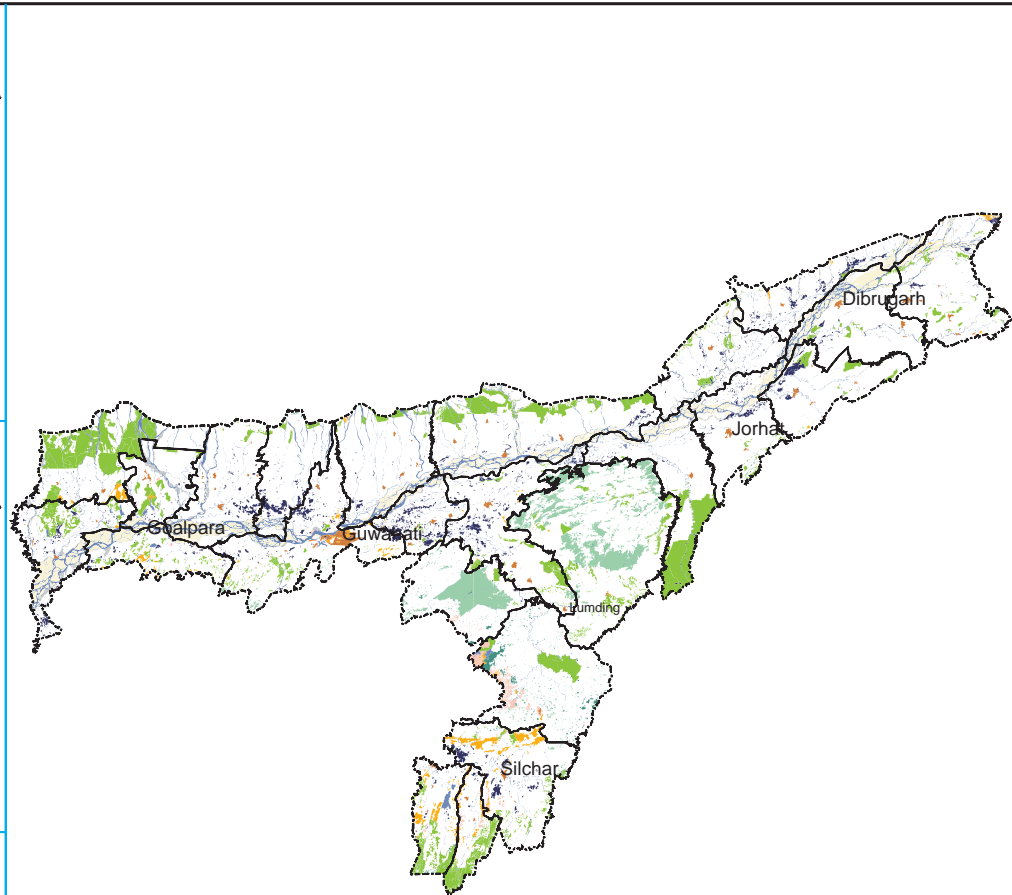
### Base



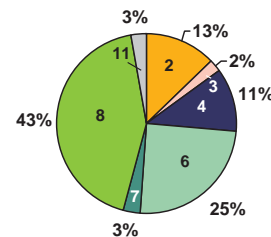
### Watershed



### Administrative



### AREA STATISTICS



Note: Refer legend for category

Total Geog. Area (TGA) :78438.00 sq. km.  
Total Wasteland Area : 14034.08 sq. km.  
Wasteland Area : 17.89 percent

ASSAM

Area in Sq km

Category	Barpeta	Bongaigaon	Cachar	Darrang	Dhemaji	Dhubri	Dibrugarh	Golaghar	Goalpara	Hailakandi	Jorhat	Kamrup	Karbianglong	Karimganj	Kokrajhar	Lakhimpur	Marigaon	Nalbari	Northcachar	Nagaon	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	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	1.53	10.76	240.67	5.00	0.00	4.63	0.00	0.00	45.37	72.69	0.00	77.61	4.58	134.21	71.11	4.95	2.57	0.00	1057.58	13.24	2.87	0.06	31.52	1780.95	
5	0.00	13.46	22.16	1.76	0.00	0.00	0.00	0.00	6.80	23.06	0.00	8.26	15.43	6.57	0.00	0.00	0.72	0.00	210.65	4.18	0.00	1.06	0.00	314.11	
6	74.42	8.77	101.22	12.21	161.22	74.62	23.11	28.46	20.69	5.73	71.43	106.37	7.30	15.26	4.80	43.39	96.48	75.94	0.00	102.76	89.45	46.52	31.66	1201.81	
7	5.89	3.84	35.11	16.88	3.48	19.99	3.59	0.00	35.30	8.08	0.00	53.21	0.15	5.62	4.67	1.21	64.50	35.47	0.00	66.78	1.38	7.94	11.99	385.08	
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	33.13	0.00	0.12	0.00	0.00	0.00	0.00	2.20	7.17	41.54	3294.30	15.70	0.00	0.00	0.00	0.00	75.22	25.09	0.61	0.00	0.00	3495.08	
12	0.00	0.00	9.99	0.00	0.28	0.00	0.05	0.00	0.00	12.75	3.07	0.00	142.30	12.06	0.00	0.00	0.00	3.97	249.55	0.00	1.87	0.00	0.00	435.89	
13	8.94	134.47	82.32	29.64	1.59	244.05	38.00	0.76	96.10	275.71	26.74	50.98	250.82	220.15	537.14	39.79	12.78	6.98	284.38	54.17	17.96	27.97	48.30	2489.74	
14	27.35	48.17	57.26	80.24	12.08	3.65	39.26	850.95	21.29	92.56	17.96	75.74	168.07	77.75	786.03	40.64	5.92	44.93	0.00	180.31	112.01	699.71	94.45	3536.33	
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	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	0.00	0.00	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	49.75	100.71	0.00	9.00	13.07	95.11	0.00	0.00	16.61	0.00	0.00	28.40	0.00	0.00	55.95	0.68	6.47	16.68	0.00	0.00	0.00	0.27	0.00	392.70	
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.39	2.39	
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	
<b>TOTAL</b>	<b>167.88</b>	<b>320.2</b>	<b>581.86</b>	<b>154.73</b>	<b>191.84</b>	<b>442.05</b>	<b>104.01</b>	<b>880.17</b>	<b>242.16</b>	<b>492.78</b>	<b>126.37</b>	<b>442.11</b>	<b>3882.95</b>	<b>487.32</b>	<b>1459.70</b>	<b>130.66</b>	<b>189.44</b>	<b>183.97</b>	<b>1877.38</b>	<b>446.53</b>	<b>226.15</b>	<b>783.53</b>	<b>220.31</b>	<b>14034.08</b>	
<b>TGA</b>	<b>3245</b>	<b>2510</b>	<b>3786</b>	<b>3481</b>	<b>3237</b>	<b>2838</b>	<b>3381</b>	<b>3502</b>	<b>1824</b>	<b>1327</b>	<b>2851</b>	<b>4345</b>	<b>10434</b>	<b>1809</b>	<b>3129</b>	<b>2277</b>	<b>1704</b>	<b>2257</b>	<b>4888</b>	<b>3831</b>	<b>2668</b>	<b>5324</b>	<b>3790</b>	<b>78438</b>	
<b>% to TGA</b>	<b>5.17</b>	<b>12.76</b>	<b>15.37</b>	<b>4.44</b>	<b>5.93</b>	<b>15.58</b>	<b>3.08</b>	<b>25.13</b>	<b>13.28</b>	<b>37.13</b>	<b>4.43</b>	<b>10.18</b>	<b>37.21</b>	<b>26.94</b>	<b>46.65</b>	<b>5.74</b>	<b>11.12</b>	<b>8.15</b>	<b>38.41</b>	<b>11.66</b>	<b>8.48</b>	<b>14.72</b>	<b>5.81</b>	<b>17.89</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