

Table 44: District - wise distribution of Wastelands

MIZORAM

Category	Aizawl	Champhal	Kolasib	Lawngtlai	Lunglei	Mamit	Saiha	Serchip	Total
1	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
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	6.88	1.94	0.61	7.24	16.99	0.00	2.66	0.00	36.32
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	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
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	198.35	196.21	13.62	116.98	195.07	125.04	98.25	85.01	1028.53
10	311.57	448.83	59.85	96.56	239.75	165.21	128.05	139.21	1589.03
11	488.09	729.36	365.06	259.43	597.88	389.44	329.57	208.43	3367.26
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	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
15	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
17	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
19	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
21	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
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	1004.89	1376.34	439.14	480.21	1049.69	679.69	558.53	432.65	6021.14
TGA	3576.00	3185.00	1382.00	1991.00	4536.00	3025.00	1965.00	1421.00	21081.00
% to TGA	28.10	43.21	31.78	24.12	23.14	22.47	28.42	30.45	28.56

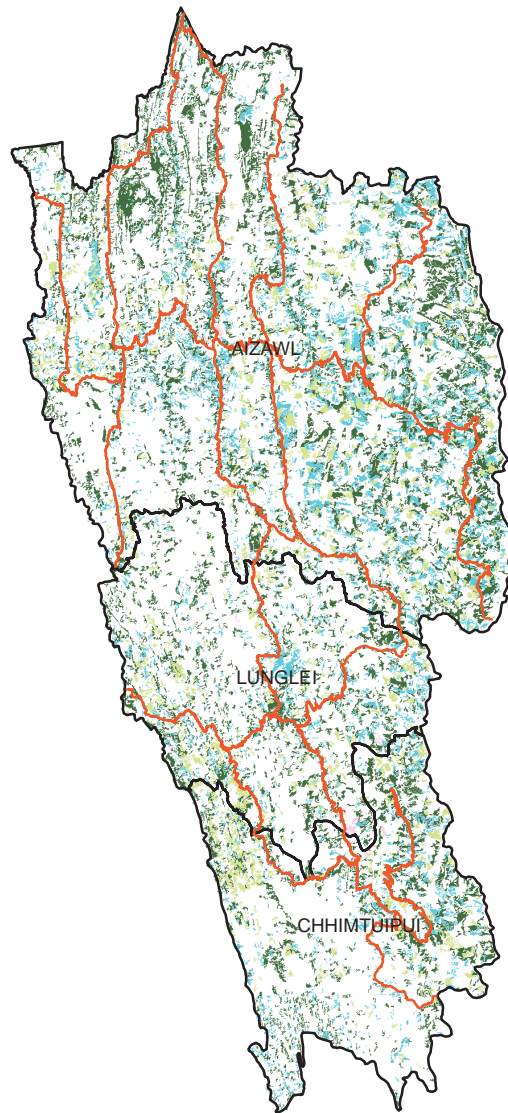
Table 46: District - wise distribution of Wastelands

NAGALAND

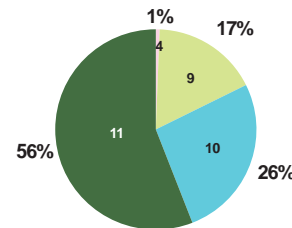
Category	Kohima	Mokokchung	Mon	Phek	Tuensang	Wokha	Zunheboto	Total
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	268.04	126.52	189.44	138.18	126.89	73.72	49.76	972.55
4	234.69	178.26	228.67	148.34	139.86	21.92	59.28	1011.02
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	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
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	169.25	92.12	253.65	121.33	384.46	94.83	123.44	1239.09
10	151.34	215.91	375.92	146.95	415.43	107.24	175.86	1588.65
11	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
13	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
15	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
17	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
19	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
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	3.38	0.00	0.00	0.01	0.48	0.00	0.00	3.87
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	826.70	612.81	1047.68	554.82	1067.12	297.71	408.34	4815.18
TGA	4041	1615	1786	2026	4228	1628	1255	16579
% to TGA	20.46	37.94	58.66	27.39	25.24	18.29	32.54	29.04

- |  |  |  |                                  |                                |
|--|--|--|----------------------------------|--------------------------------|
| 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. 36



Total Geog. Area (TGA) :21081.00 sq.km.  
 Total Wasteland Area : 6021.14 sq. km.  
 Wasteland Area : 28.56 %



## WASTELAND MAP

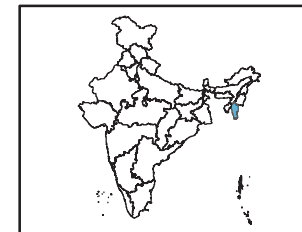
2005-06

MIZORAM



### 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:

Science, Technology & Environment Cell  
 Planning Dept  
 Govt of Mizoram  
 Aizawl- 796012  
 Mizoram

#### Coordinated by:

Land Use Division, LRG, RS & GIS - AA  
 National Remote Sensing Centre  
 ISRO, Dept. of Space, Govt of India,  
 Balanagar,  
 Hyderabad - 500625

**Table 45: Mizoram - Category-wise distribution and changes in wastelands**

Area in sq.km.

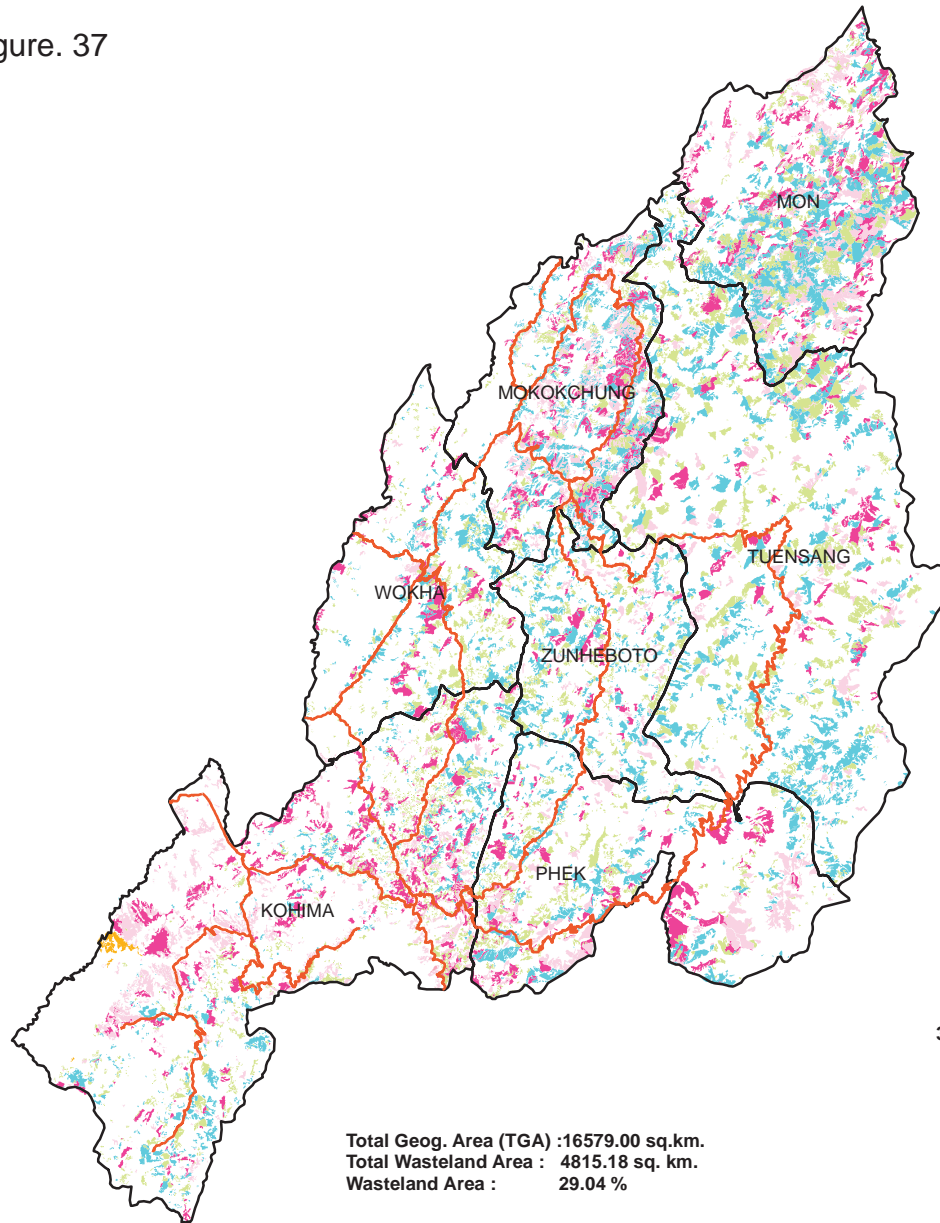
SI	Wasteland Categories	2005-06	%	2003	%	Change	% diff
1	Land with Open Scrub	36.32	0.17	0.00	0.00	36.32	0.17
2	Shifting cultivation area-Current Jhum	1028.53	4.88	1146.95	5.44	-118.42	-0.56
3	Shifting cultivation area-Abandoned Jhum	1589.03	7.54	2870.46	13.62	-1281.43	-6.08
4	Under utilised/degraded notified forest land-Scrub dominated	3367.26	15.97	452.47	2.15	2914.79	13.83
	<b>Total</b>	<b>6021.14</b>	<b>28.56</b>	<b>4469.88</b>	<b>21.20</b>	<b>1551.26</b>	<b>7.36</b>
	<b>TGA</b>	<b>21081.00</b>					

**Table 47: Nagaland - Category-wise distribution and changes in wastelands**

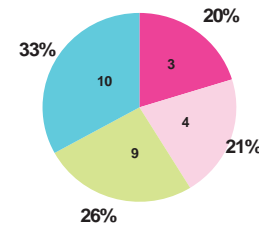
Area in sq.km.

SI	Wasteland Categories	2005-06	%	2003	%	Change	% diff
1	Land with Dense Scrub	972.55	5.87	1713.17	10.33	-740.62	-4.47
2	Land with Open Scrub	1011.02	6.10	59.18	0.36	951.84	5.74
3	Waterlogged and Marshy land-Permanent	0.00	0.00	0.60	0.00	-0.60	0.00
4	Waterlogged and Marshy land-Seasonal	0.00	0.00	1.03	0.01	-1.03	-0.01
5	Shifting cultivation area-Current Jhum	1239.09	7.47	1116.60	6.74	122.49	0.74
6	Shifting cultivation area-Abandoned Jhum	1588.65	9.58	801.30	4.83	787.35	4.75
7	Under utilised/degraded notified forest land-Scrub dominated	0.00	0.00	8.19	0.05	-8.19	-0.05
8	Degraded pastures/grazing land	0.00	0.00	0.34	0.00	-0.34	0.00
9	Sands-Riverine	0.00	0.00	0.55	0.00	-0.55	0.00
10	Barren rocky area	3.87	0.02	8.44	0.05	-4.57	-0.03
	<b>Total</b>	<b>4815.18</b>	<b>29.04</b>	<b>3709.40</b>	<b>22.37</b>	<b>1105.78</b>	<b>6.67</b>
	<b>TGA</b>	<b>16579.00</b>					

Figure. 37



Total Geog. Area (TGA) :16579.00 sq.km.  
 Total Wasteland Area : 4815.18 sq. km.  
 Wasteland Area : 29.04 %

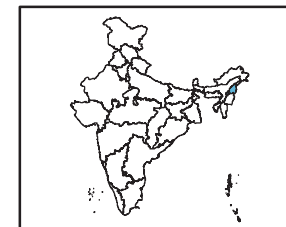


## WASTELAND MAP 2005-06 NAGALAND



### 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

<p>Partner Institution: Nagaland Science and Technology Council Kohima Nagaland</p>	<p>Coordinated by: Land Use Division, LRG, RS &amp; GIS - AA National Remote Sensing Centre ISRO, Dept. of Space, Govt of India, Balanagar, Hyderabad - 500625</p>
---	--