

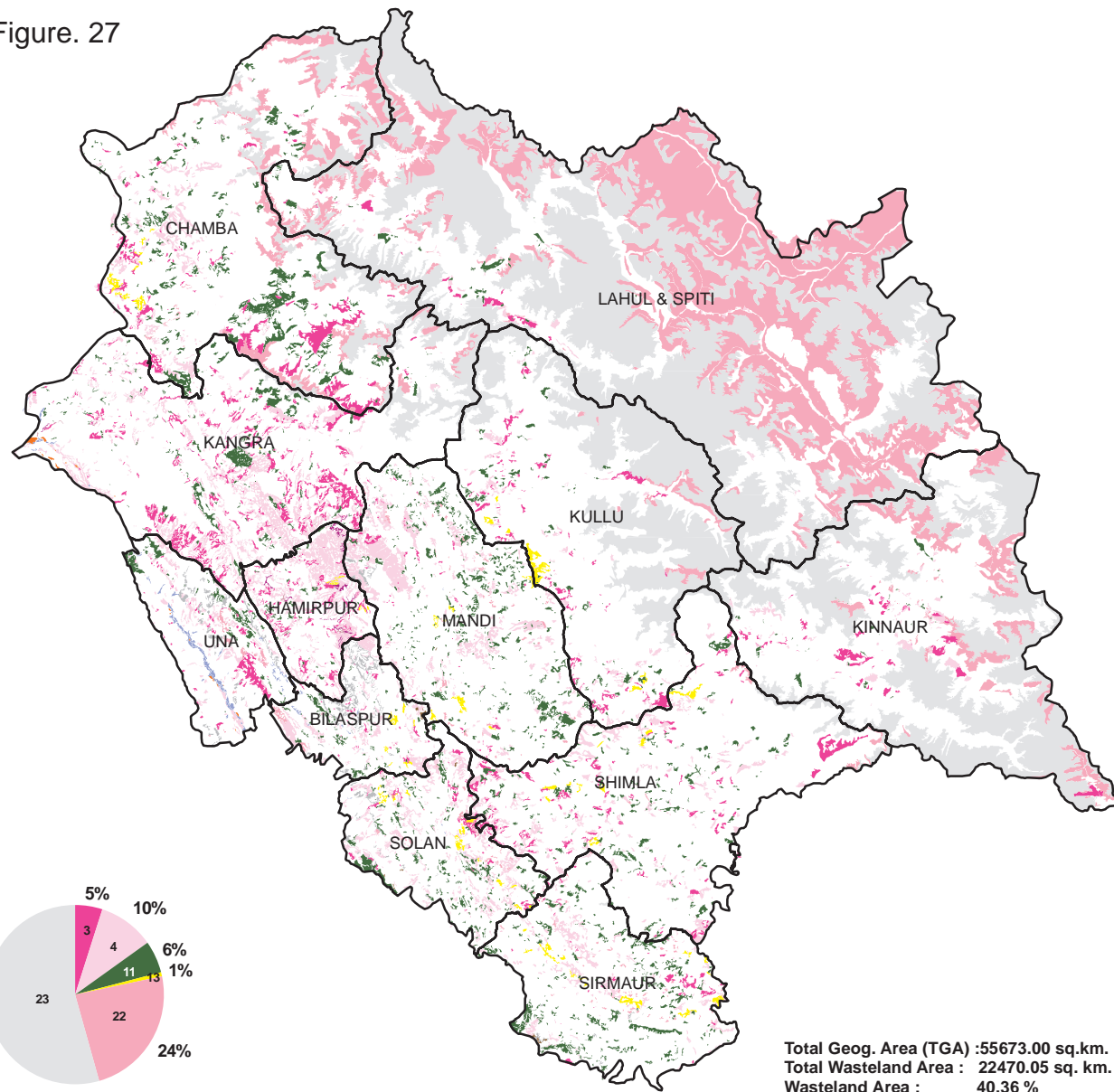
Table 26: District - wise distribution of Wastelands

HIMACHAL PRADESH

Category	Bilaspur	Chamba	Hamirpur	Kangra	Kinnaur	Kullu	Lahul & Spiti	Mandi	Shimla	Sirmour	Solan	Una	Total
1	64.80	0.00	17.14	2.61	0.00	0.00	0.00	13.47	0.00	5.01	19.65	47.55	170.23
2	0.00	0.00	3.08	1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.52
3	11.98	212.21	64.27	315.24	89.45	72.33	33.97	26.55	157.76	33.35	36.18	50.36	1103.65
4	136.49	189.88	267.40	421.18	68.84	83.08	49.65	328.68	282.58	129.35	212.81	98.25	2268.19
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
6	0.00	0.00	0.00	7.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.46	10.45
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
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
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
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
11	34.96	301.28	19.07	138.48	18.98	58.34	37.50	202.87	134.62	173.35	115.02	55.97	1290.43
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	9.97	20.92	4.26	0.18	0.00	10.12	0.00	15.91	49.77	32.17	21.06	0.00	164.36
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
15	3.90	0.00	0.00	6.01	0.00	0.00	0.00	0.14	0.00	0.02	0.49	38.81	49.38
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
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
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
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
20	3.09	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.00	2.32	1.37	0.00	7.46
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
22	12.38	569.86	0.00	45.77	497.42	79.30	4002.36	23.84	27.47	20.83	16.09	18.84	5314.17
23	0.00	737.36	0.00	369.69	2598.31	1774.61	6403.47	0.00	201.46	2.30	0.00	0.00	12087.20
Total	277.57	2031.51	375.23	1308.60	3273.01	2077.78	10526.95	612.14	853.66	398.70	422.66	312.24	22470.05
TGA	1167.00	6528.00	1118.00	5739.00	6401.00	5503.00	13835.00	3950.00	5131.00	2825.00	1936.00	1540.00	55673.00
% to TGA	22.16	31.00	33.56	22.79	51.42	38.57	76.60	16.66	27.63	14.02	21.58	20.27	40.36

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. 27



Total Geog. Area (TGA) :55673.00 sq.km.
 Total Wasteland Area : 22470.05 sq. km.
 Wasteland Area : 40.36 %

WASTELAND MAP

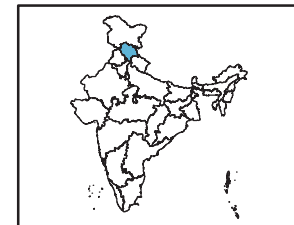
2005-06

HIMACHAL PRADESH



LEGEND

- 1 Gullied/ Ravine land-Medium ravine
- 2 Gullied/Ravine land-Deep/ very deep ravine
- 3 Scrubland - Land with dense scrub
- 4 Scrubland - Land with open scrub
- 5 Waterlogged and marshy land - Permanent
- 6 Waterlogged and marshy land - Seasonal
- 7 Land Affected by Salinity/ Alkalinity - Moderate
- 8 Land Affected by Salinity/ Alkalinity - Strong
- 9 Shifting cultivation - Current jhum
- 10 Shifting cultivation - Abandoned jhum
- 11 Under-utilised Deg Notif Forest - Scrub Dom
- 12 Under- utilised Deg Notif Forest - Agriculture
- 13 Degraded Pastures/ grazing land
- 14 Degraded Land under Plantation Crop
- 15 Sands - Desert sand
- 16 Sands - Coastal sand
- 17 Sands - Riverine
- 18 Sands - Semi-stab to stab (>40m) dune
- 19 Sands-Semi-stab to stab mod high(15-40m) dune
- 20 Mining Wastelands
- 21 Industrial Wastelands
- 22 Barren rocky area
- 23 Snow cover and/ or glacial area
- 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 Centre
 Dept of Space,
 IIRS Campus
 Kalidas Road
 Dehradun- 248001

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

Table 27: Himachal Pradesh - 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	170.23	0.31	9.63	0.02	160.60	0.29
2	Gullied and/or ravinous land-Deep	4.52	0.01	45.50	0.08	-40.98	-0.07
3	Land with Dense Scrub	1103.65	1.98	2173.17	3.90	-1069.52	-1.92
4	Land with Open Scrub	2268.19	4.07	148.24	0.27	2119.95	3.81
5	Waterlogged and Marshy land-Permanent	0.00	0.00	16.16	0.03	-16.16	-0.03
6	Waterlogged and Marshy land-Seasonal	10.45	0.02	0.00	0.00	10.45	0.02
7	Under utilised/degraded notified forest land-Scrub dominated	1290.43	2.32	988.11	1.77	302.32	0.54
8	Under utilised/degraded notified forest land-Agriculture	0.00	0.00	155.36	0.28	-155.36	-0.28
9	Degraded pastures/grazing land	164.36	0.30	6330.07	11.37	-6165.71	-11.07
10	Degraded land under plantation Crops	0.00	0.00	46.11	0.08	-46.11	-0.08
11	Sands-Riverine	49.38	0.09	167.75	0.30	-118.37	-0.21
12	Mining wastelands	7.46	0.01	2.09	0.00	5.37	0.01
13	Industrial wastelands	0.00	0.00	0.45	0.00	-0.45	0.00
14	Barren rocky area	5314.17	9.55	6111.38	10.98	-797.21	-1.43
15	Snow covered and glacial area	12087.20	21.71	12142.78	21.81	-55.58	-0.10
	Total	22470.04	40.36	28336.80	50.90	-5866.76	-10.54
	TGA	55673.00					