

Table 60: District - wise distribution of Wastelands

UTTARAKHAND

Category	Almora	Bageshwar	Chamoli	Champawat	Dehradun	Garhwal	Haridwar	Nainital	Pithoragarh	Rudra-prayag	Tehri Garhwal	Udham Singh Nagar	Uttarkashi	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
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
3	30.47	0.00	5.62	12.78	39.26	89.65	0.00	11.78	7.85	0.00	9.93	0.00	3.94	211.28
4	64.04	46.02	19.46	37.72	195.82	98.25	64.75	40.95	150.38	12.70	68.52	7.99	266.52	1073.12
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
6	0.00	0.00	0.00	0.00	0.00	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	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
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
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
11	36.95	61.32	73.54	65.94	15.81	127.68	7.43	63.45	48.89	56.58	92.80	6.32	57.83	714.54
12	1.64	7.77	2.43	0.00	0.00	0.00	0.00	0.96	2.01	0.00	0.00	0.00	1.14	15.95
13	0.00	69.59	95.66	5.59	0.00	0.86	0.00	0.00	23.27	0.01	0.00	0.00	215.78	410.76
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.98	0.00	1.98
15	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.31
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
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
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
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
20	0.54	0.08	0.11	0.00	0.00	0.03	0.00	0.22	0.63	0.00	0.00	0.00	0.00	1.61
21	0.00	1.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	1.48
22	2.66	28.45	367.70	1.67	1.46	1.21	0.00	2.04	576.62	0.00	0.77	0.00	159.58	1142.16
23	0.00	213.26	2672.30	0.00	0.00	0.00	0.00	0.00	2656.55	335.11	275.30	0.00	3064.35	9216.87
Total	136.30	427.87	3236.82	123.7	252.35	317.75	72.18	119.4	3466.20	404.4	447.32	16.63	3769.14	12790.06
TGA	3134	2250	8030	1766.00	3088	5327	2360	4216	7091	1984	3642	2579	8016	53483
% to TGA	4.35	19.02	40.31	7.00	8.17	5.96	3.06	2.83	48.88	20.38	12.28	0.64	47.02	23.91

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

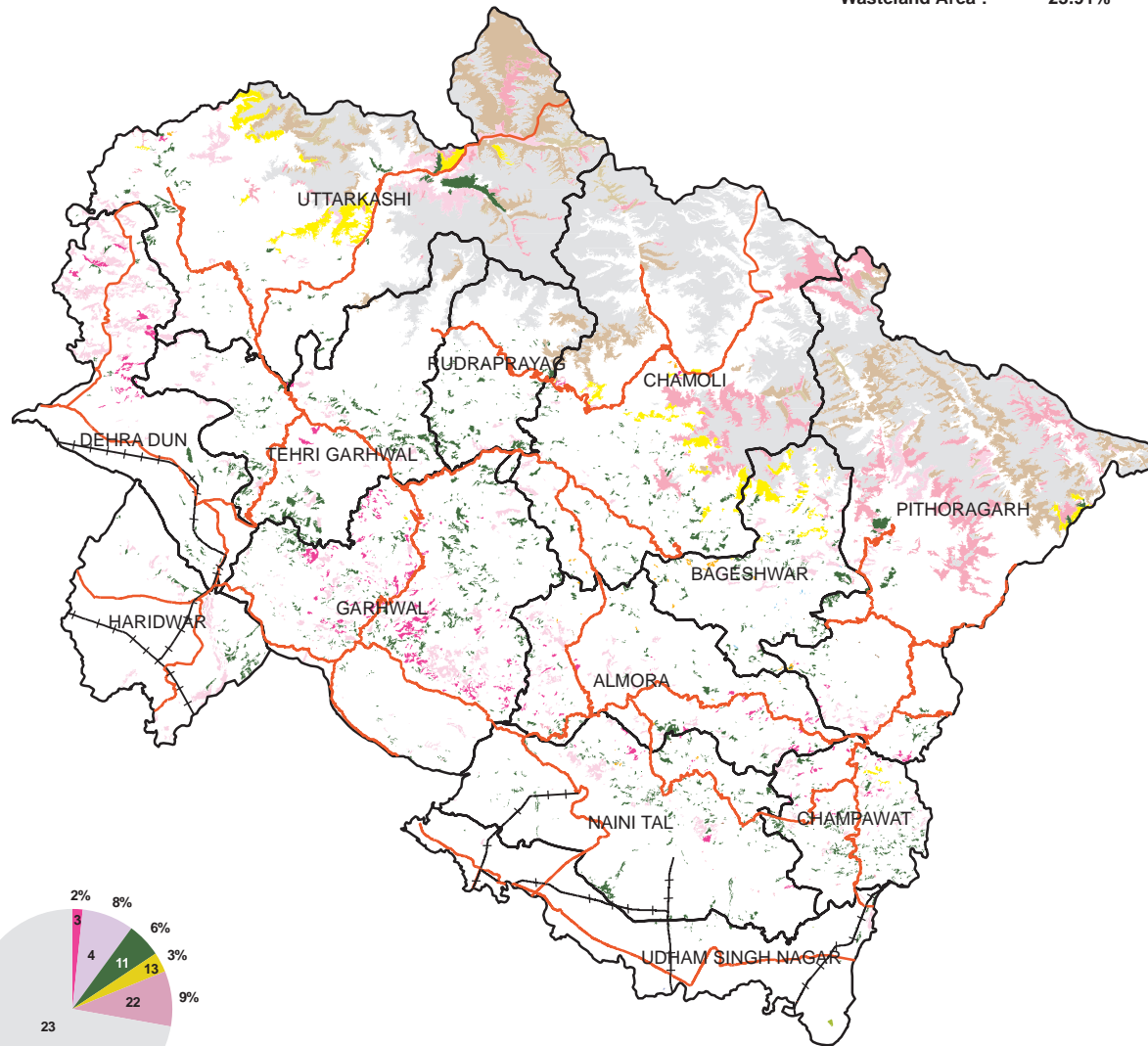
Figure. 44

Total Geog. Area (TGA) :53483.00 sq.km.
 Total Wasteland Area : 12790.06 sq. km.
 Wasteland Area : 23.91%

WASTELAND MAP

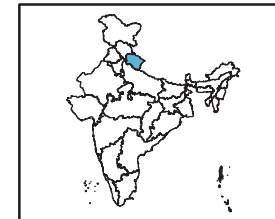
2005-06

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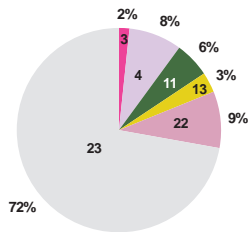


LEGEND

- 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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Table 61: Uttarakhand - 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	0.00	0.00	52.21	0.10	-52.21	-0.10
2	Gullied and/or ravinous land-Deep	0.00	0.00	7.97	0.01	-7.97	-0.01
3	Land with Dense Scrub	211.28	0.40	2363.25	4.42	-2151.97	-4.02
4	Land with Open Scrub	1073.12	2.01	169.66	0.32	903.46	1.69
5	Waterlogged and Marshy land-Permanent	0.00	0.00	123.96	0.23	-123.96	-0.23
6	Waterlogged and Marshy land-Seasonal	0.00	0.00	64.66	0.12	-64.66	-0.12
7	Land affected by salinity/alkalinity-Moderate	0.00	0.00	2.29	0.00	-2.29	0.00
8	Land affected by salinity/alkalinity-Strong	0.00	0.00	4.57	0.01	-4.57	-0.01
9	Under utilised/degraded notified forest land-Scrub dominated	714.54	1.34	1069.48	2.00	-354.94	-0.66
10	Under utilised/degraded notified forest land-Agriculture	15.95	0.03	131.91	0.25	-115.96	-0.22
11	Degraded pastures/grazing land	410.76	0.77	1404.17	2.63	-993.41	-1.86
12	Degraded land under plantation Crops	1.98	0.00	43.06	0.08	-41.08	-0.08
13	Sands-Riverine	0.31	0.00	40.27	0.08	-39.96	-0.07
14	Mining wastelands	1.61	0.00	5.10	0.01	-3.49	-0.01
15	Industrial wastelands	1.48	0.00	0.06	0.00	1.42	0.00
16	Barren rocky area	1142.16	2.14	1495.31	2.80	-353.15	-0.66
17	Snow covered and glacial area	9216.87	17.23	9119.54	17.05	97.33	0.18
	Total	12790.06	23.91	16097.47	30.10	-3307.41	-6.18
	TGA	53483.00					