

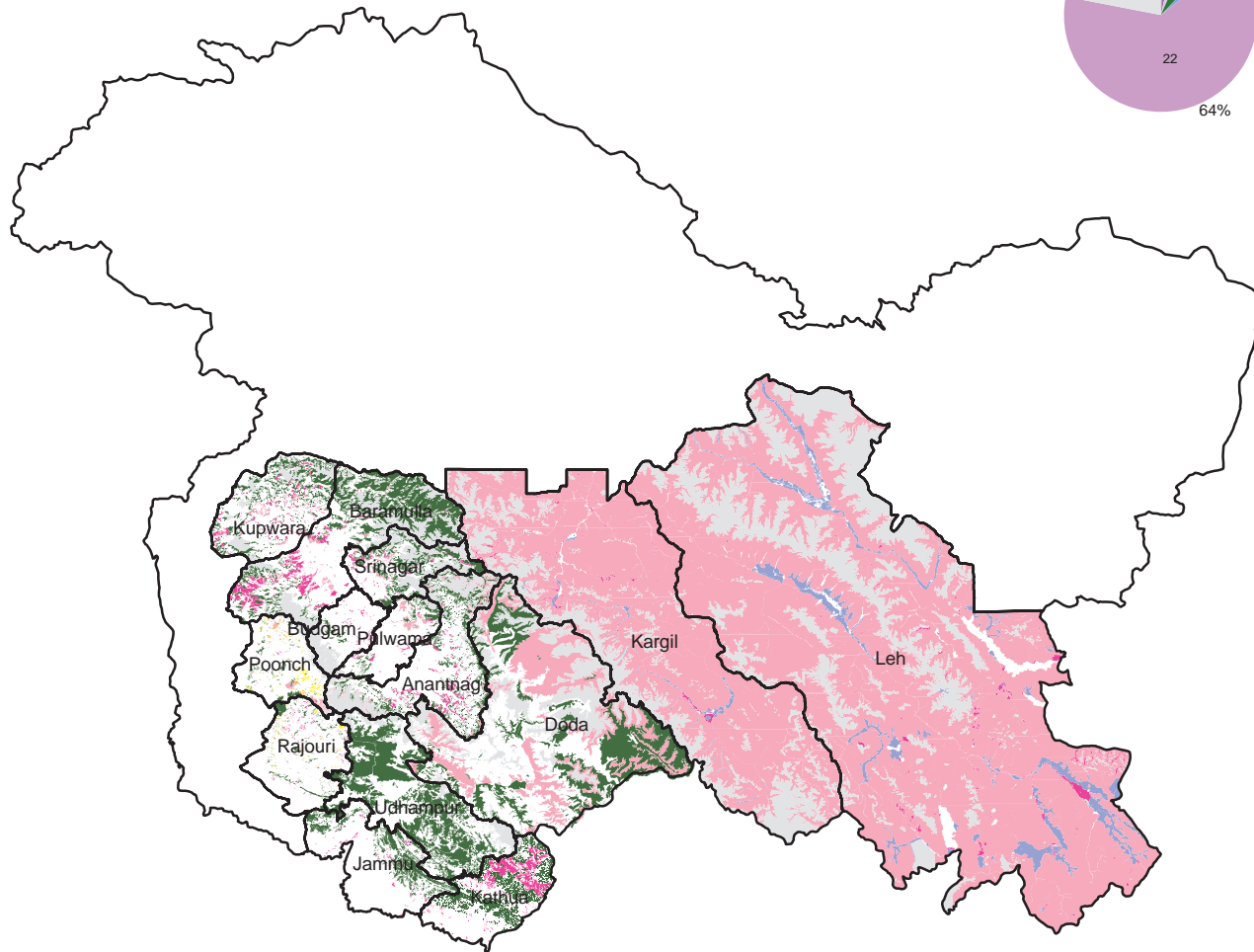
Table 28: District - wise distribution of Wastelands

JAMMU & KASHMIR

Category	Anantnag	Badgam	Baramulla	Doda	Jammu	Kargil	Kathua	Kupwara	Leh	Pulwama	Poonch	Rajouri	Srinagar	Udhampur	Total
1	5.16	132.95	0.00	0.00	19.45	0.00	40.15	0.00	17.38	81.56	0.00	104.81	0.00	21.68	423.14
2	0.00	7.41	0.00	0.00	3.73	0.00	70.86	0.00	410.37	1.02	0.00	59.29	0.00	0.56	553.24
3	47.61	9.17	145.43	640.36	10.93	30.33	90.69	59.55	47.92	4.76	83.01	240.18	21.62	185.69	1617.25
4	82.19	14.91	86.27	704.91	53.39	175.41	107.84	36.98	518.38	7.40	115.29	175.60	27.02	175.11	2280.70
5	2.97	6.32	15.80	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.00	0.00	49.00	0.00	74.67
6	0.00	0.19	0.58	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.86
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.65	0.00	0.00	0.00	0.00	0.00	16.65
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.68	0.00	0.00	0.00	0.00	0.00	56.68
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
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
11	539.19	35.80	352.51	1552.46	180.47	0.00	191.46	151.61	0.00	135.51	56.40	295.60	395.97	132.28	4019.26
12	0.00	0.47	0.00	175.01	12.43	0.00	0.00	0.92	0.00	0.05	0.00	22.92	0.00	26.49	238.29
13	50.62	18.59	7.32	0.00	0.00	0.00	0.00	32.95	0.00	2.54	3.93	9.60	0.00	0.00	125.55
14	0.45	3.93	0.00	0.00	0.00	0.00	0.00	29.64	0.00	0.71	6.88	0.00	0.00	0.00	41.61
15	0.00	0.00	0.00	0.00	5.82	87.71	0.00	0.00	1568.54	0.00	0.00	0.00	4.05	4.90	1671.02
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
17	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	226.06	0.00	0.00	0.00	0.00	0.00	226.07
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
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
20	0.35	1.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.29	0.00	0.00	0.70	0.00	3.88
21	0.00	3.81	0.00	0.00	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.98
22	243.86	1.57	74.17	1692.54	49.20	11003.53	23.86	51.97	32929.02	60.06	59.75	25.54	116.18	48.20	46379.45
23	750.26	284.40	828.72	2029.54	0.00	2559.41	0.96	237.30	8360.87	59.49	114.63	43.06	607.94	144.51	16021.09
Total	1722.66	521.06	1510.80	6794.82	336.59	13856.40	525.82	601.01	44151.87	354.97	439.89	976.60	1222.48	739.42	73754.38
TGA	3984.00	1371.00	4588.00	11691.00	3097.00	14036.00	2651.00	2379.00	45110.00	1398.00	1674.00	2630.00	2228.00	4550.00	101387.00
% to TGA	43.24	38.01	32.93	58.12	10.87	98.72	19.83	25.26	97.88	25.39	26.28	37.13	54.87	16.25	72.75

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. 28



Total Geog. Area (TGA) :101387.00 sq.km.
 Total Wasteland Area : 73754.38 sq. km.
 Wasteland Area : 72.75 %

WASTELAND MAP

2005-06

JAMMU & KASHMIR



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:

Environment & Remote Sensing
 Appln. Centre
 5 D/C Gandhinagar
 Jammu-180 004
 Jammu & Kashmir

Coordinated by:

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

Table 29: Jammu & Kashmir - 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	423.14	0.42	269.63	0.27	153.51	0.15
2	Gullied and/or ravinous land-Deep	553.24	0.55	49.33	0.05	503.91	0.50
3	Land with Dense Scrub	1617.25	1.60	264.07	0.26	1353.18	1.33
4	Land with Open Scrub	2280.70	2.25	261.46	0.26	2019.24	1.99
5	Waterlogged and Marshy land-Permanent	74.67	0.07	181.28	0.18	-106.61	-0.11
6	Waterlogged and Marshy land-Seasonal	0.86	0.00	7.45	0.01	-6.59	-0.01
7	Shifting cultivation area-Current Jhum	16.65	0.02	0.00	0.00	16.65	0.02
8	Shifting cultivation area-Abandoned Jhum	56.68	0.06	0.00	0.00	56.68	0.06
9	Under utilised/degraded notified forest land-Scrub dominated	4019.26	3.96	6521.71	6.43	-2502.45	-2.47
10	Under utilised/degraded notified forest land-Agriculture	238.29	0.24	119.01	0.12	119.28	0.12
11	Degraded pastures/grazing land	125.55	0.12	751.69	0.74	-626.14	-0.62
12	Degraded land under plantation Crops	41.61	0.04	187.76	0.19	-146.15	-0.14
13	Sands-Riverine	1671.02	1.65	194.13	0.19	1476.89	1.46
14	Sands-Desertic	226.07	0.22	1584.20	1.56	-1358.13	-1.34
15	Mining wastelands	3.88	0.00	0.00	0.00	3.88	0.00
16	Industrial wastelands	4.98	0.00	3.03	0.00	1.95	0.00
17	Barren rocky area	46379.45	45.74	38886.79	38.35	7492.66	7.39
18	Snow covered and glacial area	16021.09	15.80	21074.98	20.79	-5053.89	-4.98
	Total	73754.38	72.75	70356.52	69.39	3397.86	3.35
	TGA	101387.00					