

For Official Use

# WASTELAND MAP 2003 Jammu & Kashmir



## 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:  
**Dir. of Environment & Remote Sensing**  
Gandhinagar, Greenbelt  
Jammu, 180 004 Jammu

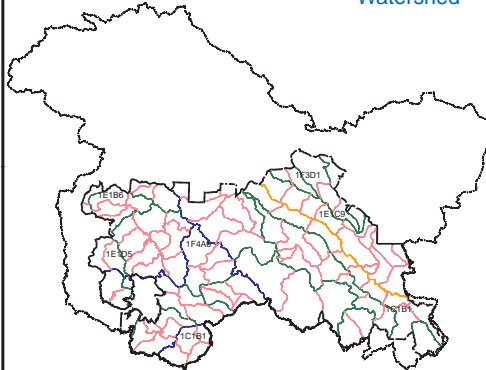
Co-ordinated by:  
Land Use Division, RS & GIS AA  
National Remote Sensing Agency  
Dept. of Space, Govt. of India,  
Balanagar, Hyderabad - 500 037

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

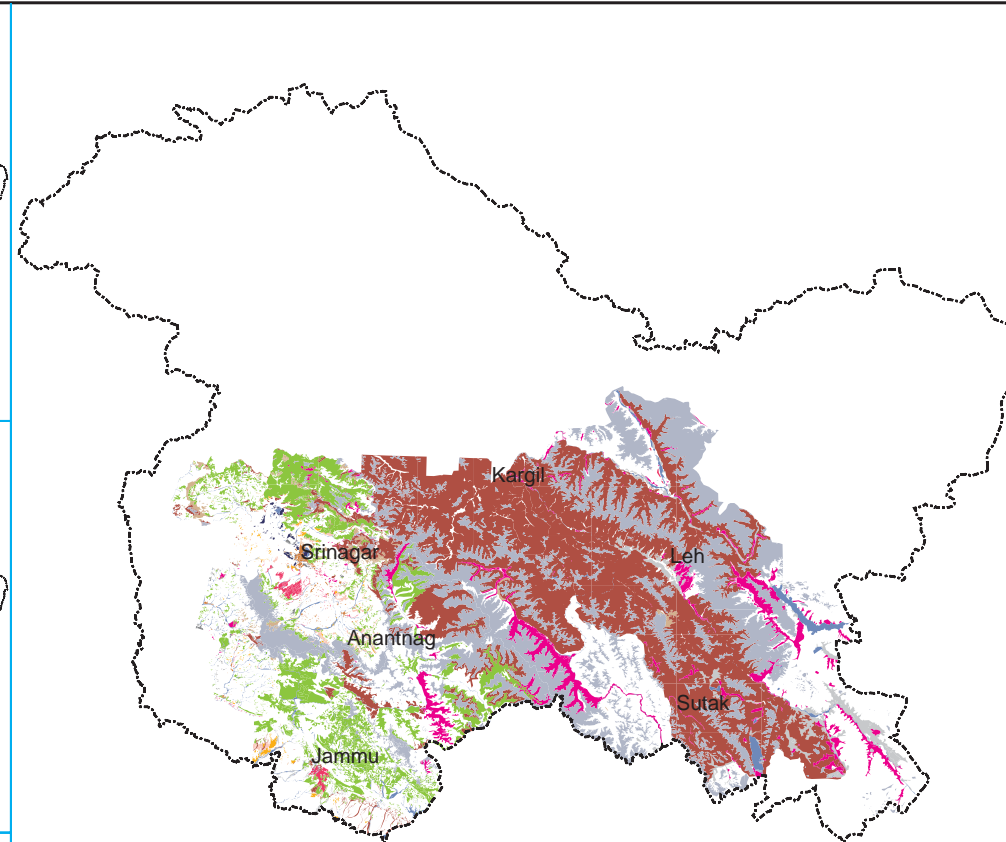
### Base



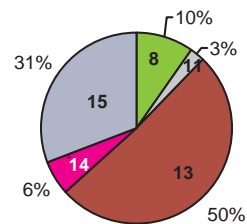
### Watershed



### Administrative



### AREA STATISTICS



Note: Refer legend for category

Total Geog. Area (TGA) :101387 sq.km.  
Total Wasteland Area : 70356.52 sq.km.  
Wasteland Area : 69.39 percent

JAMMU & KASHMIR

Category	Area in Sq km														
	Anant-nag	Baram-ulla	Badgam	Doda	Jammu	Kargil	Kathua	Kupwara	Ladakh	Poonch	Pulwama	Rajauri	Srinagar	Udhampur	Total
1	0.00	0.00	73.29	0.00	98.88	0.00	0.00	0.00	10.79	0.00	10.52	5.78	0.00	0.00	199.26
2	3.61	0.00	53.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.98	2.52	0.00	0.00	70.37
3	0.00	0.00	37.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.65	0.67	0.00	0.00	49.33
4	47.37	36.25	10.37	0.00	93.83	0.00	9.96	9.23	0.00	2.38	5.51	23.04	26.13	0.00	264.07
5	156.02	9.30	8.63	0.00	47.56	0.00	0.00	5.17	0.00	0.00	0.01	4.75	30.02	0.00	261.46
6	0.98	106.93	15.50	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.23	0.00	57.44	0.00	181.28
7	0.36	0.00	2.45	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	4.57	0.00	7.45
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
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	351.97	286.39	65.89	1869.32	293.73	0.00	455.69	531.43	0.00	78.65	40.63	137.66	474.40	1935.95	6521.71
14	9.12	0.00	17.38	0.00	0.00	0.00	0.00	28.51	0.00	25.51	22.94	14.59	0.96	0.00	119.01
15	220.54	138.51	8.25	0.00	0.00	44.42	0.00	135.82	61.58	31.09	21.92	8.37	81.19	0.00	751.69
16	0.00	1.10	14.15	0.00	0.00	0.00	0.00	7.09	0.00	21.92	18.12	18.12	13.93	94.43	187.76
17	0.00	2.72	0.00	0.00	154.53	0.00	17.19	0.00	10.87	0.00	0.42	0.00	0.00	8.40	194.13
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	0.00	0.00	0.00	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
22	0.00	0.00	0.00	0.00	0.00	19.03	0.00	0.00	1565.17	0.00	0.00	0.00	0.00	0.00	1584.20
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
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
25	0.00	0.00	2.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	3.03
26	486.70	244.64	0.00	2442.63	104.94	7544.38	95.77	87.08	23565.93	33.87	6.60	0.06	303.10	0.00	34915.70
27	0.00	76.13	0.00	588.97	0.00	1323.65	21.82	0.00	1893.62	26.37	17.09	4.34	19.10	0.00	3971.09
28	779.93	367.04	292.32	3272.88	0.00	4868.42	148.38	20.23	10690.28	127.83	25.01	29.63	48.85	404.18	21074.98
<b>TOTAL</b>	<b>2056.6</b>	<b>1269.01</b>	<b>601.48</b>	<b>8173.8</b>	<b>793.47</b>	<b>13799.9</b>	<b>748.81</b>	<b>824.83</b>	<b>37798.24</b>	<b>347.62</b>	<b>191.68</b>	<b>249.53</b>	<b>1059.69</b>	<b>2442.96</b>	<b>70356.52</b>
<b>TGA</b>	<b>3984</b>	<b>4588</b>	<b>1371</b>	<b>11691</b>	<b>3097</b>	<b>14036</b>	<b>2651</b>	<b>2379</b>	<b>45110</b>	<b>1674</b>	<b>1398</b>	<b>2630</b>	<b>2228</b>	<b>4550</b>	<b>101387</b>
<b>% to TGA</b>	<b>51.62</b>	<b>27.66</b>	<b>43.87</b>	<b>69.92</b>	<b>25.62</b>	<b>98.32</b>	<b>28.25</b>	<b>34.67</b>	<b>83.79</b>	<b>20.77</b>	<b>13.71</b>	<b>9.49</b>	<b>47.56</b>	<b>53.69</b>	<b>69.39</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                 |