

# Land

## List of Tables

- 5.1: Land Use Classification in Uttarakhand (Part-A)
- 5.2: Land Use Classification (Part-B)
- 5.3: Gross irrigated area by sources
- 5.4: Status of Wasteland
- 5.5: District-wise Wasteland

Table 5.1: Land Use Classification in Uttarakhand (Part-A)

('000 ha)

Year	Reporting area for land utilization statistics	Forests	Not available for cultivation			Other uncultivated land excluding Fallow Land			
			Area under non-agri-cultural uses	Barren & unculturable land	Total	Permanent pastures & other grazing lands	Land under misc. tree crops & groves (not incl. in net area sown)	Culturable waste land	Total
2003-04	5668	3465	152	311	463	229	251	386	866
2004-05	5670	3465	152	312	464	229	249	386	864
2005-06	5666	3465	154	313	467	230	249	384	863
2006-07	5667	3465	161	312	472	220	269	367	856
2007-08	5673	3484	217	224	441	199	384	302	885
2008-09	5673	3486	217	224	441	199	384	303	886
2009-10	5672	3485	216	225	441	198	383	309	891
2010-11	5673	3485	218	225	442	199	386	310	894
2011-12	5673	3485	218	225	443	199	386	311	895
2012-13	5673	3485	221	228	449	192	390	315	897

**Source:** Directorate of Economics and Statistics, Department of Agriculture and Cooperation, Ministry of Agriculture and Farmers Welfare, Govt. of India.

[http://eands.daernet.nic.in/LUS\\_1999\\_2004.htm](http://eands.daernet.nic.in/LUS_1999_2004.htm) (accessed on 10.03.2016)

Table 5.2: Land Use Classification (Part-B)

('000 ha)

Year	Fallow Lands			Net area Sown	Total Cropped Area	Area sown more than once	Agri. Land/ Cultivable land/ Culturable land/ Arable land	Culti- vated land	Un- cultivable land	Un- cultivated land
	Fallow lands other than current fallows	Current fallows	Total							
2003-04	71	43	114	761	1222	461	1511	804	4157	4865
2004-05	68	42	110	767	1235	468	1512	808	4158	4862
2005-06	62	42	104	768	1212	445	1504	809	4162	4856
2006-07	64	44	108	765	1210	445	1509	809	4158	4858
2007-08	72	36	108	755	1187	432	1549	791	4123	4882
2008-09	71	35	106	754	1193	439	1547	789	4126	4884
2009-10	82	37	119	737	1166	430	1548	773	4124	4899
2010-11	84	43	128	723	1170	447	1547	766	4126	4906
2011-12	87	48	135	714	1132	418	1546	763	4126	4910
2012-13	86	51	136	706	1124	418	1547	757	4126	4916

Source: Directorate of Economics and Statistics, Department of Agriculture and Cooperation, Ministry of Agriculture and Farmers Welfare, Govt. of India.  
[http://eands.dacnet.nic.in/LUS\\_1999\\_2004.htm](http://eands.dacnet.nic.in/LUS_1999_2004.htm) (accessed on 10.03.2016)

**Table 5.3:** Gross irrigated area by Sources

('000 ha)

Year	Gross Area Irrigated From						Total Irrigation Area	
	Canals		Tanks	Wells		Other sources		
	Govt.	Pvt.		Total	Tube wells			Other wells
2003-04	151	6	156	5	273	59	54	547
2004-05	170	6	175	3	263	52	57	549
2005-06	164	6	170	0	293	25	61	549
2006-07	148	10	158	3	311	31	51	554
2007-08	139	42	181	1	216	98	58	554
2008-09	143	4	146	1	293	76	54	570
2009-10	123	5	128	0	283	104	52	567
2010-11	128	7	135	0	295	86	46	562
2011-12	133	4	138	0	284	83	51	555
2012-13	128	4	132	0	264	115	42	554

**Source:** Directorate of Economics and Statistics, Department of Agriculture and Cooperation ; Ministry of Agriculture and Farmers Welfare, Govt. of India  
[http://eands.dacnet.nic.in/LUS\\_1999\\_2004.htm](http://eands.dacnet.nic.in/LUS_1999_2004.htm) (accessed on 10.03.2016)

**Table 5.4:** Status of Wasteland(km<sup>2</sup>)

Categories*	Year		Change
	2005-06	2008-09	
1	-	-	-
2	-	-	-
3	211.8	246.29	35.01
4	1073.12	1004.20	-68.92
5	-	-	-
6	-	1.92	1.92
7	-	-	-
8	-	-	-
9	-	-	-
10	-	-	-
11	714.54	789.32	74.78
12	15.95	54.43	38.48
13	410.76	512.41	101.65
14	1.98	0.54	-1.44
15	0.31	0.48	0.17
16	-	-	-
17	-	-	-
18	-	-	-
19	-	-	-
20	1.61	1.60	-0.01
21	1.48	1.51	0.03
22	1142.16	1166.26	24.10
23	9216.87	9080.58	-136.29

**\*Details of Categories:**

1. Gullied and/ or ravenous land (Medium), 2. Gullied and/or ravenous land (Deep), 3. Land with Dense Scrub, 4. Land with Open Scrub, 5. Waterlogged and Marshy land (Permanent), 6. Waterlogged and Marshy land (Seasonal), 7. Land affected by salinity/alkalinity (Medium), 8. Land affected by salinity/alkalinity (Strong), 9. Shifting Cultivation – Current Jhum, 10. Shifting Cultivation – Abandoned Jhum, 11. Under-utilised/degraded forest (Scrub domin), 12. Under-utilised/degraded forest (Agriculture), 13. Degraded pastures/grazing land, 14. Degraded land under plantation crop, 15. Sands -Riverine, 16. Sands-Coastal, 17. Sands -Desertic, 18. Sands -Semi Stab -Stab> 40m, 19. Sands-Semi Stab-Stab> 15-40m, 20. Mining Wastelands, 21. Industrial wastelands, 22. Barren Rocky/Stony waste, 23. Snow covered/Glacial area

**Source:** Department of Land Resources, Ministry of Rural Development, Govt. of India (Wasteland Atlas of India, 2011) [http://www.dolr.nic.in/WastelandsAtlas2011/Wastelands\\_Atlas\\_2011.pdf](http://www.dolr.nic.in/WastelandsAtlas2011/Wastelands_Atlas_2011.pdf) (accessed on 14.03.2016)

Table 5.5: District-wise Wasteland (Part A)

(km<sup>2</sup>)

WL Class	Almora			Bageshwar			Chamoli			Champawat		
	2005-06	2008-09	Change	2005-06	2008-09	Change	2005-06	2008-09	Change	2005-06	2008-09	Change
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	30.47	47.99	17.52	-	-	-	5.62	4.66	-0.96	12.78	9.88	-2.90
4	64.04	69.92	5.88	46.02	50.69	4.67	19.46	65.09	45.63	37.72	38.33	0.61
5	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-
11	36.95	34.51	-2.44	61.32	59.31	-2.01	73.54	68.63	-4.91	65.94	63.64	-2.30
12	1.64	8.96	7.32	7.77	8.48	0.71	2.43	5.27	2.84	-	0.36	0.36
13	-	-	-	69.59	69.36	-0.23	95.66	131.29	35.66	5.99	1.52	-4.07
14	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-
20	0.54	0.54	-	0.08	0.08	-	-	0.11	0.11	-	-	-
21	-	-	-	1.38	1.41	0.03	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-
23	2.66	1.82	-0.84	28.45	16.55	-11.90	367.70	433.97	66.27	1.67	1.67	-
<b>Total WL</b>	<b>136.30</b>	<b>163.74</b>	<b>27.44</b>	<b>427.87</b>	<b>438.27</b>	<b>10.40</b>	<b>3236.82</b>	<b>3300.78</b>	<b>63.96</b>	<b>123.70</b>	<b>115.41</b>	<b>-8.29</b>
<b>TGA</b>	<b>3134.00</b>			<b>2250.00</b>			<b>8030.00</b>			<b>1766.00</b>		

Table 5.5: District-wise Wasteland (Part B)

(km<sup>2</sup>)

WL Class	Dehradun			Garhwal			Hardwar			Nainital		
	2005-06	2008-09	Change	2005-06	2008-09	Change	2005-06	2008-09	Change	2005-06	2008-09	Change
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	39.26	36.61	-2.65	89.65	109.03	19.38	-	-	-	11.78	11.95	0.17
4	195.82	64.91	-130.91	98.25	93.70	-4.55	64.75	24.32	-40.43	40.95	27.49	-13.46
5	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	1.92	1.92	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-
11	15.81	19.10	3.29	127.68	154.37	26.69	7.43	13.85	6.42	63.45	58.70	-4.75
12	-	0.96	0.96	-	5.08	5.08	-	1.57	1.57	0.96	15.85	14.89
13	-	4.72	4.72	0.86	0.62	-0.24	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	0.07	0.07	-	-	-	-	-	0.06	0.06
16	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	0.03	0.03	-	-	-	-	0.22	0.22	-
21	-	-	-	-	-	-	-	-	-	-	-	-
22	1.46	0.73	-0.73	1.21	1.21	-	-	-	-	2.04	2.04	-
22	1.46	0.73	-0.73	1.21	1.21	-	-	-	-	2.04	2.04	-
23	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total WL</b>	<b>252.35</b>	<b>127.03</b>	<b>-125.32</b>	<b>317.75</b>	<b>364.10</b>	<b>46.35</b>	<b>72.18</b>	<b>41.66</b>	<b>-30.52</b>	<b>119.40</b>	<b>116.30</b>	<b>-3.10</b>
<b>TGA</b>	<b>3088.00</b>			<b>5327.00</b>			<b>2360.00</b>			<b>4216.00</b>		

Table 5.5: District-wise Wasteland (Part C)

(km<sup>2</sup>)

WL Class	Pithoragarh			Rudraprayag			Tehri Garhwal			Udham Singh Nagar		
	2005-06	2008-09	Change	2005-06	2008-09	Change	2005-06	2008-09	Change	2005-06	2008-09	Change
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	7.85	8.01	0.16	-	-	-	9.93	14.22	4.29	-	-	-
4	150.38	208.58	58.20	12.70	17.13	4.43	68.52	69.41	0.89	7.99	9.07	1.08
5	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-
11	48.89	72.60	23.71	56.58	41.23	-15.35	92.80	99.19	6.39	6.32	2.39	-3.93
12	2.01	2.01	-	-	0.41	0.41	-	-	-	-	4.98	4.98
13	23.27	23.27	-	0.01	44.96	44.95	-	16.78	16.78	-	-	-
14	-	-	-	-	-	-	-	-	-	1.98	0.54	-1.44
15	-	0.10	0.10	-	-	-	-	-	-	0.24	0.24	-
16	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-
20	0.63	0.63	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	0.10	0.10	-
22	576.62	553.81	-22.81	-	-	-	0.77	0.77	-	-	-	-
23	2656.55	2660.16	3.61	335.11	287.60	-47.51	275.30	243.31	-3.65	-	-	-
<b>Total WL</b>	<b>3466.20</b>	<b>3529.17</b>	<b>62.97</b>	<b>404.40</b>	<b>391.33</b>	<b>-13.07</b>	<b>447.32</b>	<b>446.67</b>	<b>-3.65</b>	<b>16.63</b>	<b>17.32</b>	<b>0.69</b>
<b>TGA</b>	<b>7091.00</b>			<b>1984.00</b>			<b>3642.00</b>			<b>2579.00</b>		



Table 5.5: District-wise Wasteland (Part D)

(km<sup>2</sup>)

WL Class	Uttarkashi			Total		
	2005-06	2008-09	Change	2005-06	2008-09	Change
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	3.94	3.94	-	211.28	246.29	35.01
4	266.52	265.58	-0.94	1073.12	1004.20	-68.92
5	-	-	-	-	-	-
6	-	-	-	-	1.92	1.92
7	-	-	-	-	-	-
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10	-	-	-	-	-	-
11	57.83	101.80	43.97	714.54	789.32	74.78
12	1.14	0.48	-0.66	15.95	54.43	38.48
13	215.78	219.89	4.11	410.76	512.41	101.65
14	-	-	-	1.98	0.54	-1.44
15	-	-	-	0.31	0.48	0.17
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	1.61	1.60	-0.01
21	-	-	-	1.48	1.51	0.03
22	159.58	153.69	-5.89	1142.16	1166.26	24.10
23	3064.35	3065.36	1.01	9216.87	9080.58	-136.29
<b>Total WL</b>	<b>3769.14</b>	<b>3810.74</b>	<b>41.60</b>	<b>12790.06</b>	<b>12859.53</b>	<b>69.47</b>
<b>TGA</b>	<b>8016.00</b>			<b>53483.00</b>		

**\*Details of Categories:**

1. Gullied and/ or ravenous land (Medium), 2. Gullied and/ or ravenous land (Deep), 3. Land with Dense Scrub, 4. Land with Open Scrub, 5. Waterlogged and Marshy land (Permanent), 6. Waterlogged and Marshy land (Seasonal), 7. Land affected by salinity/alkalinity (Medium), 8. Land affected by salinity/alkalinity (Strong), 9. Shifting Cultivation – Current Jhum, 10. Shifting Cultivation – Abandoned Jhum, 11. Under-utilised/degraded forest (Scrub domin), 12. Under-utilised/degraded forest (Agriculture), 13. Degraded pastures/grazing land, 14. Degraded land under plantation crop, 15. Sands-Riverine, 16. Sands-Coastal, 17. Sands-Desertic, 18. Sands-Semi Stab-Stab> 40m, 19. Sands-Semi Stab-Stab> 15-40m, 20. Mining Wastelands, 21. Industrial wastelands, 22. Barren Rocky/Stony waste, 23. Snow covered/Glacial area

Source: Department of Land Resources, Ministry of Rural Development, Govt. of India (Wasteland Atlas of India 2011)  
[http://www.dolr.nic.in/WastelandsAtlas2011/Wastelands\\_Atlas\\_2011.pdf](http://www.dolr.nic.in/WastelandsAtlas2011/Wastelands_Atlas_2011.pdf) (accessed on 14.03.2016)