

State-wise Asset Account for Land Use Land Cover

Annexure 1.1
(Area in Sq. km)

Sl. No.	L1	L2	ANDHRA PRADESH				ARUNACHAL PRADESH			
			Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)	Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)
1	Agriculture	Crop land	78774	3673	2767	79680	2635	35	13	2658
		Current Shifting cultivation	14		1	14	775	267	353	689
		Fallow	9642	461	2214	7890	72	0	0	72
		Plantation	7462	2173	635	8999	58	0	2	56
		Sub Total 1	95892	6307	5617	96583	3540	302	368	3474
2	Barren/unculturable/ Wastelands	Barren Rocky	2267		4	2263	242	22	5	259
		Gullied / Ravinous Land	133	5	88	50				0
		Rann				0				0
		Salt Affected Land	1182	37	70	1149				0
		Sandy Area	480	0	16	464	24	39	2	61
		Scrub Land	11522	4	569	10957	2611	393	119	2886
		Sub Total 2	15585	46	748	14883	2877	455	126	3206
3	Builtup	Mining	447	51	3	495	1	0		1
		Rural	2926	36	1	2962	379	8	25	362
		Urban	1503	222	0	1725	137	12	12	137
		Sub Total 3	4876	309	4	5182	517	20	37	501
4	Forest	Deciduous	25155	1	554	24603	143	0	27	116
		Evergreen/Semi evergreen	251			251	58857	19	1083	57793
		Forest Plantation	671	38	95	614	30	4	5	28
		Scrub Forest	8120	507	434	8192	1410	758	73	2096
		Swamp / Mangroves	376	20	12	384				0
Sub Total 4	34573	566	1095	34043	60439	782	1188	60033		
5	Grass / Grazing	Grass / Grazing	98			98	5514	157	764	4907
		Sub Total 5	98	0	0	98	5514	157	764	4907
6	Snow and Glacier	Snow and Glacier				0	9295	887	45	10137
		Sub Total 6	0	0	0	0	9295	887	45	10137
7	Wet lands / Water bodies	Inland Wetland	438	19	70	387	0	0		0
		Coastal Wetland	888	0	30	858		0		0
		River/Stream/Canals	3879	31	11	3900	1527	6	80	1453
		Water bodies	6760	386	91	7055	34	1	3	31
		Sub Total 7	11965	437	202	12200	1561	7	82	1485
Grand Total			162989	7665	7665	162989	83743	2610	2610	83743

Note: 1. Calculated on the basis of change matrices provided by National Remote Sensing Centre

2. Totals may not match due to rounding off.

State-wise Asset Account for Land Use Land Cover

Annexure 1.1
(Area in Sq. km)

Sl. No.	L1	L2	ASSAM				BIHAR			
			Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)	Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)
1	Agriculture	Crop land	24596	299	478	24417	65143	3461	1623	66981
		Current Shifting cultivation	88	33	63	58				0
		Fallow	504	64	67	501	4460	908	2516	2852
		Plantation	3826	24	28	3822	2717	262	29	2950
		Sub Total 1	29013	420	636	28798	72319	4632	4168	72783
2	Barren/unculturable/Wastelands	Barren Rocky	0		0	0	102	2	11	93
		Gullied / Ravinous Land				0	75	12	15	71
		Rann				0				0
		Salt Affected Land				0	3			3
		Sandy Area	78	34	70	42	21	31	3	49
		Scrub Land	3316	853	78	4091	2843	673	1031	2485
		Sub Total 2	3395	886	148	4133	3045	718	1060	2702
3	Builtup	Mining	85	54	3	136	204	35	0	238
		Rural	652	5	18	640	5448	6	18	5437
		Urban	722	26	4	744	844	56	2	899
		Sub Total 3	1459	85	25	1520	6496	98	20	6574
4	Forest	Deciduous	27853	225	841	27237	4627	29	91	4565
		Evergreen/Semi evergreen	4806	3	443	4367				0
		Forest Plantation	86	7	10	84	5	1		5
		Scrub Forest	844	545	108	1281	1246	61	5	1302
		Swamp / Mangroves				0				0
Sub Total 4	33590	780	1402	32968	5878	91	96	5873		
5	Grass / Grazing	Grass / Grazing	2953	716	636	3033	18		1	17
		Sub Total 5	2953	716	636	3033	18		1	17
6	Snow and Glacier	Snow and Glacier				0				0
		Sub Total 6	0	0	0	0	0	0	0	0
7	Wet lands / Water bodies	Inland Wetland	1217	30	95	1153	1944	252	212	1984
		Coastal Wetland				0				0
		River/Stream/Canals	6729	784	767	6746	4289	331	586	4034
		Water bodies	82	9	3	87	182	25	4	203
		Sub Total 7	8028	823	865	7986	6415	608	801	6222
Grand Total			78438	3711	3711	78438	94171	6146	6146	94171

Note: 1. Calculated on the basis of change matrices provided by

2. Totals may not match due to rounding off.

State-wise Asset Account for Land Use Land Cover

Annexure 1.1
(Area in Sq. km)

Sl. No.	L1	L2	CHHATTISGARH				GOA			
			Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)	Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)
1	Agriculture	Crop land	59188	506	226	59467	540	11	106	445
		Current Shifting cultivation	0		0	0				0
		Fallow	2370	186	412	2144	43	55	9	89
		Plantation	210	16	4	222	173	3	8	168
		Sub Total 1	61768	707	642	61833	756	69	123	702
2	Barren/unculturable/Wastelands	Barren Rocky	691			691	56	1	40	18
		Gullied / Ravinous Land	82			82				0
		Rann				0				0
		Salt Affected Land				0				0
		Sandy Area	26	2	3	25	8	3	0	10
		Scrub Land	2962	31	129	2863	287	119	64	342
		Sub Total 2	3760	33	133	3661	350	124	105	370
3	Builtup	Mining	229	13		242	85	10	21	74
		Rural	3253	1		3254	27	10	2	35
		Urban	941	45		986	263	42	14	291
		Sub Total 3	4423	59		4482	374	62	37	400
4	Forest	Deciduous	57551	13	41	57523	1155	159	15	1299
		Evergreen/Semi evergreen				0	618	3	1	620
		Forest Plantation	86	2		88	41	5	0	46
		Scrub Forest	4169	18	15	4172	208	24	168	64
		Swamp / Mangroves				0	16	0	1	16
Sub Total 4	61806	33	56	61783	2039	191	186	2044		
5	Grass / Grazing	Grass / Grazing				0	0		0	0
		Sub Total 5	0	0	0	0	0	0	0	0
6	Snow and Glacier	Snow and Glacier				0				0
		Sub Total 6	0	0	0	0	0	0	0	0
7	Wet lands / Water bodies	Inland Wetland	5			5	58	16	2	73
		Coastal Wetland				0	25		3	22
		River/Stream/Canals	1847	3	3	1847	69		1	68
		Water bodies	1585	20	21	1583	30	0	7	23
		Sub Total 7	3437	22	24	3435	182	16	12	186
Grand Total			135194	855	855	135194	3702	462	462	3702

Note: 1. Calculated on the basis of change matrices provided by

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State-wise Asset Account for Land Use Land Cover

Annexure 1.1
(Area in Sq. km)

Sl. No.	L1	L2	GUJARAT				HARYANA			
			Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)	Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)
1	Agriculture	Crop land	105613	822	823	105612	37659	227	911	36974
		Current Shifting cultivation				0				0
		Fallow	15542	704	780	15466	492	531	175	848
		Plantation	546	4	1	549	146	41	40	147
		Sub Total 1	121702	1530	1604	121627	38297	799	1126	37969
2	Barren/unculturable/ Wastelands	Barren Rocky	16			16	5		0	4
		Gullied / Ravinous Land	218		0	218	0		0	0
		Rann	18722		132	18590				0
		Salt Affected Land	3510	9	22	3497	56	22	4	74
		Sandy Area	40	0		40	24	14	24	14
		Scrub Land	19962	3	59	19906	1007	153	22	1138
		Sub Total 2	42467	12	212	42267	1092	189	51	1230
3	Builtup	Mining	267	10	0	278	173	66	21	218
		Rural	2527	19	0	2546	1021	144	1	1165
		Urban	2655	97		2752	1602	161	4	1759
		Sub Total 3	5450	126		5576	2796	371	26	3142
4	Forest	Deciduous	9192		0	9192	663	17	12	667
		Evergreen/Semi evergreen	6			6				0
		Forest Plantation	179			179	16	1		17
		Scrub Forest	2810		0	2809	163	156	163	156
		Swamp / Mangroves	996		9	987				0
Sub Total 4	13183		10	13173	841	174	175	841		
5	Grass / Grazing	Grass / Grazing	17			17	623	4	189	439
		Sub Total 5	17	0	0	17	623	4	189	439
6	Snow and Glacier	Snow and Glacier				0				0
		Sub Total 6	0	0	0	0	0	0	0	0
7	Wet lands / Water bodies	Inland Wetland	222	9	10	222	47	17	5	58
		Coastal Wetland	6220	181	11	6390				0
		River/Stream/Canals	3228	35	2	3262	358	20	19	359
		Water bodies	3536	10	54	3492	159	20	4	175
		Sub Total 7	13206	236	77	13365	563	57	28	592
Grand Total			196024	1904	1904	196024	44212	1595	1595	44212

Note: 1. Calculated on the basis of change matrices provided by

2. Totals may not match due to rounding off.

State-wise Asset Account for Land Use Land Cover

Annexure 1.1
(Area in Sq. km)

Sl. No.	L1	L2	HIMACHAL PRADESH				JAMMU & KASHMIR			
			Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)	Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)
1	Agriculture	Crop land	6418		3	6415	11303	283	333	11253
		Current Shifting cultivation				0				0
		Fallow	3			3	55	0	2	53
		Plantation	2180		5	2174	2210	2151	2210	2151
		Sub Total 1	8600	0	8	8592	13569	2433	2546	13456
2	Barren/unculturable/ Wastelands	Barren Rocky	10521	1	0	10522	142160	2491	68965	75685
		Gullied / Ravinous Land	82			82	949	2647	114	3482
		Rann				0				0
		Salt Affected Land				0	151	30		181
		Sandy Area	64			64	5548	3226	459	8314
		Scrub Land	7459	0	6	7453	7129	667	3094	4702
		Sub Total 2	18126	1	6	18121	155936	9061	72633	92364
3	Builtup	Mining	27	1	4	24	12	3	3	12
		Rural	310	0	0	310	333	11	7	337
		Urban	293	4	0	297	396	3	21	378
		Sub Total 3	630	6	4	631	740	17	30	727
4	Forest	Deciduous	1274		1	1273	554	38	12	580
		Evergreen/Semi evergreen	11031		1	11030	12040	0	783	11257
		Forest Plantation	2			2	12439		1	12439
		Scrub Forest	161	0	0	161	8755	9278	8755	9278
		Swamp / Mangroves				0	0			0
Sub Total 4	12468	0	3	12465	33790	9315	9551	33554		
5	Grass / Grazing	Grass / Grazing	5867	3	1	5870	890	67	481	477
		Sub Total 5	5867	3	1	5870	890	67	481	477
6	Snow and Glacier	Snow and Glacier	8683			8683	8593	65961	1206	73347
		Sub Total 6	8683	0	0	8683	8593	65961	1206	73347
7	Wet lands / Water bodies	Inland Wetland	3		0	3	461	2	222	240
		Coastal Wetland				0				0
		River/Stream/Canals	877	4	4	877	1787	0	111	1676
		Water bodies	420	12		431	6471	0	76	6396
		Sub Total 7	1299	15	4	1311	8719	2	410	8312
Grand Total			55673	26	26	55673	222236	86857	86857	222236

Note: 1. Calculated on the basis of change matrices provided by
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State-wise Asset Account for Land Use Land Cover

Annexure 1.1
(Area in Sq. km)

Sl. No.	L1	L2	JHARKHAND				KARNATAKA			
			Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)	Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)
1	Agriculture	Crop land	33766	1044	7230	27580	111481	10	560	110930
		Current Shifting cultivation				0				0
		Fallow	6309	6962	1067	12203	3725		98	3627
		Plantation	72	4	2	74	17580	8	1	17587
		Sub Total 1	40146	8011	8299	39858	132786	18	659	132145
2	Barren/unculturable/Wastelands	Barren Rocky	401	4	1	404	1943	0	28	1916
		Gullied / Ravinous Land	277	17	1	294	111	11	8	114
		Rann				0				0
		Salt Affected Land				0	682	12	29	666
		Sandy Area	0			0	7	6	2	12
		Scrub Land	4751	207	11	4946	7076	546	112	7510
		Sub Total 2	5429	228	13	5644	9820	576	179	10217
3	Builtup	Mining	478	36	8	506	553	179	2	730
		Rural	2924	0		2924	3462	6	3	3465
		Urban	1124	4	0	1128	2842	51	18	2875
		Sub Total 3	4526	40	8	4558	6857	236	23	7069
4	Forest	Deciduous	22117	0	8	22109	15721	0	796	14925
		Evergreen/Semi evergreen	0			0	10952		356	10595
		Forest Plantation	43	1		44	2626		557	2069
		Scrub Forest	5385	45	3	5427	5346	1771	6	7111
		Swamp / Mangroves	0			0	6		0	6
Sub Total 4	27545	46	11	27580	34651	1771	1715	34707		
5	Grass / Grazing	Grass / Grazing				0	313		12	301
		Sub Total 5	0	0	0	0	313	0	12	301
6	Snow and Glacier	Snow and Glacier				0				0
		Sub Total 6	0	0	0	0	0	0	0	0
7	Wet lands / Water bodies	Inland Wetland	13			13	31		1	30
		Coastal Wetland				0	26		2	24
		River/Stream/Canals	1372	1		1374	2003	1	5	1999
		Water bodies	674	5		680	5305	1	9	5298
		Sub Total 7	2059	7		2066	7365	2	16	7351
Grand Total			79706	8331	8331	79706	191791	2604	2604	191791

Note: 1. Calculated on the basis of change matrices provided by

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State-wise Asset Account for Land Use Land Cover

Annexure 1.1
(Area in Sq. km)

Sl. No.	L1	L2	KERALA				MADHYA PRADESH			
			Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)	Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)
1	Agriculture	Crop land	2758	99	39	2818	183132	1112	681	183563
		Current Shifting cultivation				0				0
		Fallow	72	3	2	73	4628	14	469	4173
		Plantation	19014	75	189	18900	339	64	1	402
		Sub Total 1	21843	178	230	21791	188098	1190	1150	188139
2	Barren/unculturable/Wastelands	Barren Rocky	297	0	4	294	389		9	380
		Gullied / Ravinous Land				0	1505	0	14	1491
		Rann				0				0
		Salt Affected Land				0				0
		Sandy Area	16	3	9	10				0
		Scrub Land	967	83	82	968	23702	10	729	22983
		Sub Total 2	1281	86	95	1272	25597	10	752	24854
3	Builtup	Mining	111	6	5	111	394	86	5	474
		Rural	2680	11	24	2668	3111	80	0	3190
		Urban	736	167		903	1792	2057	1792	2057
		Sub Total 3	3526	185	29	3682	5297	2223	1798	5722
4	Forest	Deciduous	1552	28	3	1577	67974	5	56	67922
		Evergreen/Semi evergreen	6293	2	7	6287	0			0
		Forest Plantation	2071	38	6	2103	72	16		88
		Scrub Forest	643	32	75	600	12637	2	32	12607
		Swamp / Mangroves	0		0	0				0
Sub Total 4	10560	99	92	10567	80683	22	88	80617		
5	Grass / Grazing	Grass / Grazing	121	3	64	59	2			2
		Sub Total 5	121	3	64	59	2	0	0	2
6	Snow and Glacier	Snow and Glacier				0				0
		Sub Total 6	0	0	0	0	0	0	0	0
7	Wet lands / Water bodies	Inland Wetland	222	1	36	187				0
		Coastal Wetland	105		3	102				0
		River/Stream/Canals	576	0	1	575	3216	2	13	3205
		Water bodies	630	0	2	629	5360	487	133	5714
		Sub Total 7	1533	1	42	1492	8576	489	146	8919
Grand Total			38863	552	552	38863	308252	3934	3934	308252

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State-wise Asset Account for Land Use Land Cover

Annexure 1.1
(Area in Sq. km)

Sl. No.	L1	L2	MAHARASHTRA				MANIPUR			
			Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)	Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)
1	Agriculture	Crop land	185955	4889	14728	176116	1594	426	98	1923
		Current Shifting cultivation				0	462	488	311	639
		Fallow	17197	12881	4566	25512	9	1	0	9
		Plantation	5482	581	278	5785	32	3	13	22
		Sub Total 1	208633	18352	19572	207413	2097	919	423	2593
2	Barren/unculturable/Wastelands	Barren Rocky	1233	360	41	1552	0	1		2
		Gullied / Ravinous Land	485	151	141	495	0	1		1
		Rann				0				0
		Salt Affected Land	34	17	0	51	0			0
		Sandy Area	1	18		19				0
		Scrub Land	19986	3102	347	22741	3044	1256	672	3628
		Sub Total 2	21739	3648	529	24857	3044	1259	672	3632
		Sub Total 3	8075	117	159	8033	510	35	0	546
3	Builtup	Mining	395	35	65	364		0		0
		Rural	3407	4	24	3388	404	35		440
		Urban	4273	78	70	4281	106			106
		Sub Total 3	8075	117	159	8033	510	35	0	546
		Sub Total 4	42210	79	2518	39771	11569	219	1574	10214
4	Forest	Deciduous	6951	0	394	6557	2754	4	158	2600
		Evergreen/Semi evergreen	255	16	35	235	2	0	0	2
		Forest Plantation	8405	1588	89	9904	1789	901	518	2172
		Scrub Forest	296		2	295				0
		Swamp / Mangroves	58118	1683	3039	56761	16113	1125	2251	14987
5	Grass / Grazing	Grass / Grazing				0	3	0		3
		Sub Total 5	0	0	0	0	3	0	0	3
6	Snow and Glacier	Snow and Glacier				0				0
		Sub Total 6	0	0	0	0	0	0	0	0
7	Wet lands / Water bodies	Inland Wetland	7	10		16	107	11	0	118
		Coastal Wetland	1134	1	32	1104				0
		River/Stream/Canals	3968	2	15	3955	148	0	15	133
		Water bodies	6017	109	576	5550	304	13	2	315
		Sub Total 7	11126	123	623	10625	559	24	16	567
Grand Total			307690	23922	23922	307690	22327	3362	3362	22327

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State-wise Asset Account for Land Use Land Cover

Annexure 1.1
(Area in Sq. km)

Sl. No.	L1	L2	MEGHALAYA				MIZORAM			
			Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)	Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)
1	Agriculture	Crop land	1358	7	1	1363	151	42	16	177
		Current Shifting cultivation	230	157	207	181	579	641	533	687
		Fallow	0	0		1				0
		Plantation	563	4	0	568	85	9	17	77
		Sub Total 1	2152	168	208	2112	815	692	566	941
2	Barren/unculturable/ Wastelands	Barren Rocky	272	0	0	272	1			1
		Gullied / Ravinous Land				0				0
		Rann				0				0
		Salt Affected Land				0				0
		Sandy Area	5	0		5				0
		Scrub Land	2747	6	11	2742	139	902	59	982
		Sub Total 2	3024	7	11	3019	140	902	59	982
3	Builtup	Mining	63	4		67				0
		Rural	751	8	1	759	135	14	0	149
		Urban	85	3	0	88	70	2		73
		Sub Total 3	899	15	1	914	206	16	0	222
4	Forest	Deciduous	14623	1	161	14462	6959	893	1124	6728
		Evergreen/Semi evergreen	756		2	754	8082	1098	617	8562
		Forest Plantation	14		1	13	96		2	93
		Scrub Forest	608	206	13	801	4477	1057	2230	3304
		Swamp / Mangroves	1			1				0
Sub Total 4	16001	206	177	16030	19614	3047	3974	18687		
5	Grass / Grazing	Grass / Grazing	0			0	155	7	71	91
		Sub Total 5	0	0	0	0	155	7	71	91
6	Snow and Glacier	Snow and Glacier				0				0
		Sub Total 6	0	0	0	0	0	0	0	0
7	Wet lands / Water bodies	Inland Wetland	56			56				0
		Coastal Wetland				0				0
		River/Stream/Canals	279	1	0	279	125	1	0	126
		Water bodies	18	0		18	27	5	0	31
		Sub Total 7	353	1	0	353	152	6	0	157
Grand Total			22429	398	398	22429	21081	4671	4671	21081

Note: 1. Calculated on the basis of change matrices provided by

2. Totals may not match due to rounding off.

State-wise Asset Account for Land Use Land Cover

Annexure 1.1
(Area in Sq. km)

Sl. No.	L1	L2	NAGALAND				ODISHA			
			Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)	Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)
1	Agriculture	Crop land	739	27	22	744	76273	459	142	76591
		Current Shifting cultivation	909	765	805	869	669	252	65	856
		Fallow	21	20	2	39	1722	16	387	1351
		Plantation	11	1		12	353	27	1	379
		Sub Total 1	1681	813	829	1664	79017	755	595	79177
2	Barren/unculturable/Wastelands	Barren Rocky	4			4	508		0	507
		Gullied / Ravinous Land				0	627	6	24	609
		Rann				0				0
		Salt Affected Land				0	16	11	1	26
		Sandy Area				0	69	2	5	65
		Scrub Land	1716	1964	534	3146	10113	119	244	9988
		Sub Total 2	1720	1964	534	3150	11333	138	274	11197
3	Builtup	Mining	15	2		17	234	29	2	261
		Rural	278	3		282	5077	4	1	5080
		Urban	139	4		143	1107	33		1140
		Sub Total 3	432	9	0	442	6418	67	4	6481
4	Forest	Deciduous	10412	197	1029	9580	44087	238	458	43866
		Evergreen/Semi evergreen	175		1	175				0
		Forest Plantation	225	8	2	231	1133	85	1	1216
		Scrub Forest	1716	823	1419	1120	6181	245	166	6260
		Swamp / Mangroves				0	252	11	2	261
Sub Total 4	12529	1027	2450	11106	51652	580	628	51604		
5	Grass / Grazing	Grass / Grazing	6			6				0
		Sub Total 5	6	0	0	6	0	0	0	0
6	Snow and Glacier	Snow and Glacier				0				0
		Sub Total 6	0	0	0	0	0	0	0	0
7	Wet lands / Water bodies	Inland Wetland				0	357	3	44	317
		Coastal Wetland				0	1362	1	24	1339
		River/Stream/Canals	187			187	3038	7	6	3039
		Water bodies	24			24	2531	39	15	2554
		Sub Total 7	211	0	0	211	7288	50	89	7249
Grand Total			16579	3813	3813	16579	155707	1590	1590	155707

Note: 1. Calculated on the basis of change matrices provided by

2. Totals may not match due to rounding off.

State-wise Asset Account for Land Use Land Cover

Annexure 1.1
(Area in Sq. km)

Sl. No.	L1	L2	PUNJAB				RAJASTHAN			
			Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)	Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)
1	Agriculture	Crop land	42802	763	486	43078	153770	12965	42623	124112
		Current Shifting cultivation				0				0
		Fallow	69	66	42	93	78715	42577	12991	108300
		Plantation	821	71	421	470	117	6		123
		Sub Total 1	43691	900	949	43642	232602	55547	55614	232535
2	Barren/unculturable/ Wastelands	Barren Rocky				0	4554		3	4552
		Gullied / Ravinous Land	35	8	20	23	1320		0	1319
		Rann				0	100		0	100
		Salt Affected Land	25	20	25	20	802		4	798
		Sandy Area	126	57	71	112	23713		0	23713
		Scrub Land	356	56	224	188	34978		44	34934
		Sub Total 2	541	140	340	342	65467	0	52	65415
		Sub Total 2	541	140	340	342	65467	0	52	65415
3	Builtup	Mining	121	64	41	144	397	13		410
		Rural	1734	96	41	1789	3276	16		3291
		Urban	1823	248	45	2025	2148	99		2247
		Sub Total 3	3678	408	127	3958	5821	127	0	5948
4	Forest	Deciduous	1423	52	45	1431	17218	651	332	17537
		Evergreen/Semi evergreen	13	1		14				0
		Forest Plantation	15	5	2	18	135		11	123
		Scrub Forest	70	41	35	77	11083	342	651	10774
		Swamp / Mangroves		0		0				0
		Sub Total 4	1521	99	81	1539	28436	994	995	28434
5	Grass / Grazing	Grass / Grazing			0	0	3309		6	3303
		Sub Total 5	0	0	0	0	3309	0	6	3303
6	Snow and Glacier	Snow and Glacier				0				0
		Sub Total 6	0	0	0	0	0	0	0	0
7	Wet lands / Water bodies	Inland Wetland	115	13	86	41	192		17	175
		Coastal Wetland				0				0
		River/Stream/Canals	732	41	47	725	3284	0	0	3284
		Water bodies	84	35	4	115	3129	16	0	3144
		Sub Total 7	930	88	137	881	6605	16	17	6604
Grand Total			50362	1636	1636	50362	342239	56684	56684	342239

Note: 1. Calculated on the basis of change matrices provided by
2. Totals may not match due to rounding off.

State-wise Asset Account for Land Use Land Cover

Annexure 1.1
(Area in Sq. km)

Sl. No.	L1	L2	SIKKIM				TAMIL NADU			
			Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)	Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)
1	Agriculture	Crop land	589		2	587	59426	4689	10265	53850
		Current Shifting cultivation				0				0
		Fallow	1			1	19054	8437	4537	22954
		Plantation	4			4	9938	2333	852	11419
		Sub Total 1	594	0	2	592	88417	15460	15654	88223
2	Barren/unculturable/ Wastelands	Barren Rocky	928	333	152	1109	338		1	337
		Gullied / Ravinous Land				0	182	2	0	184
		Rann				0				0
		Salt Affected Land				0	312	4	36	279
		Sandy Area	4	0	0	4	306	4	7	303
		Scrub Land	21	2	0	23	4182	31	33	4180
		Sub Total 2	952	336	152	1136	5320	41	78	5283
3	Builtup	Mining	0			0	598	19	1	616
		Rural	6	0		6	6137			6137
		Urban	18	0		18	2648	151	2	2797
		Sub Total 3	24	0	0	24	9383	170	3	9550
4	Forest	Deciduous	183	2	0	184	11203	161	4	11359
		Evergreen/Semi evergreen	2573	1	47	2528	4474		155	4319
		Forest Plantation	4		0	4	1322	0	3	1319
		Scrub Forest	53	22	0	75	0	10		10
		Swamp / Mangroves				0	80	2	1	80
Sub Total 4	2813	25	47	2791	17078	173	163	17087		
5	Grass / Grazing	Grass / Grazing	621		68	553	200	52	0	252
		Sub Total 5	621	0	68	553	200	52	0	252
6	Snow and Glacier	Snow and Glacier	2025	241	335	1930				0
		Sub Total 6	2025	241	335	1930	0	0	0	0
7	Wet lands / Water bodies	Inland Wetland				0	130			130
		Coastal Wetland				0	714		3	711
		River/Stream/Canals	47			47	1751		1	1750
		Water bodies	21	2		22	7065	11	3	7072
		Sub Total 7	68	2	0	69	9659	11	7	9663
Grand Total			7096	604	604	7096	130058	15906	15906	130058

Note: 1. Calculated on the basis of change matrices provided by

2. Totals may not match due to rounding off.

State-wise Asset Account for Land Use Land Cover

Annexure 1.1
(Area in Sq. km)

Sl. No.	L1	L2	TRIPURA				TELANGANA			
			Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)	Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)
1	Agriculture	Crop land	1415	0	18	1397	59928	3718	3204	60442
		Current Shifting cultivation	16	29	15	31				0
		Fallow	34		5	29	9157	2703	2112	9749
		Plantation	813	7	47	773	1120	145	88	1177
		Sub Total 1	2278	36	85	2229	70205	6566	5404	71368
2	Barren/unculturable/Wastelands	Barren Rocky				0	759	127	119	767
		Gullied / Ravinous Land	0	0		0	122	34	27	129
		Rann				0				0
		Salt Affected Land				0	254	207	27	434
		Sandy Area	2	2	0	3	2	3	1	5
		Scrub Land	255	127	79	303	5001	1080	993	5087
		Sub Total 2	257	129	79	307	6138	1450	1166	6422
3	Builtup	Mining	6	0	1	6	479	103	116	466
		Rural	561	3		564	2015	70	49	2036
		Urban	321	1	1	321	1877	162	173	1866
		Sub Total 3	889	4	2	891	4371	336	338	4369
4	Forest	Deciduous	2377	379	189	2568	19248	32	1266	18014
		Evergreen/Semi evergreen	3793	2	140	3655		0		0
		Forest Plantation	301	0	9	292	418	25	89	354
		Scrub Forest	478	312	357	432	4727	517	628	4616
		Swamp / Mangroves				0		0		0
Sub Total 4	6949	693	694	6948	24394	574	1982	22985		
5	Grass / Grazing	Grass / Grazing				0	31	4	3	32
		Sub Total 5	0	0	0	0	31	4	3	32
6	Snow and Glacier	Snow and Glacier				0				0
		Sub Total 6	0	0	0	0	0	0	0	0
7	Wet lands / Water bodies	Inland Wetland	6		1	5	16	5	2	19
		Coastal Wetland				0				0
		River/Stream/Canals	51		1	50	2190	33	27	2197
		Water bodies	57	0	0	57	4734	94	140	4688
		Sub Total 7	114	0	2	112	6940	132	169	6903
Grand Total			10486	863	863	10486	112079	9062	9062	112079

Note: 1. Calculated on the basis of change matrices provided by
2. Totals may not match due to rounding off.

State-wise Asset Account for Land Use Land Cover

Annexure 1.1
(Area in Sq. km)

Sl. No.	L1	L2	UTTAR PRADESH				UTTARAKHAND			
			Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)	Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)
1	Agriculture	Crop land	183424	1309	2426	182306	9691	14	25	9680
		Current Shifting cultivation				0				0
		Fallow	6417	1653	785	7286	927	0	3	924
		Plantation	4742	168	3	4907	176		0	175
		Sub Total 1	194583	3130	3215	194498	10794	14	29	10779
2	Barren/unculturable/Wastelands	Barren Rocky	220			220	6026	197	2987	3236
		Gullied / Ravinous Land	1287	1	9	1278	0			0
		Rann				0				0
		Salt Affected Land	2581	11	19	2574				0
		Sandy Area	13	3		17	26	24	1	49
		Scrub Land	3486	80	202	3364	1092	100	8	1184
		Sub Total 2	7588	95	230	7452	7143	322	2996	4470
3	Builtup	Mining	368	41	2	408	24	3	0	26
		Rural	8259	42	11	8289	210	2	0	212
		Urban	3921	183	2	4102	402	11		413
		Sub Total 3	12548	266	15	12799	635	16	0	651
4	Forest	Deciduous	13020	8	70	12958	6279	0	1	6278
		Evergreen/Semi evergreen	231			231	16164		4	16160
		Forest Plantation	117	5	0	122	793		1	792
		Scrub Forest	2047	58	14	2091	2089		1	2089
		Swamp / Mangroves	69		2	67	7			7
Sub Total 4	15485	71	87	15470	25333	0	8	25326		
5	Grass / Grazing	Grass / Grazing	157		18	139	4329	7	532	3804
		Sub Total 5	157	0	18	139	4329	7	532	3804
6	Snow and Glacier	Snow and Glacier				0	3986	3437	195	7228
		Sub Total 6	0	0	0	0	3986	3437	195	7228
7	Wet lands / Water bodies	Inland Wetland	2303	70	148	2225	0			0
		Coastal Wetland				0				0
		River/Stream/Canals	6693	704	512	6886	1063	9	42	1031
		Water bodies	1570	28	140	1458	199	1	4	196
		Sub Total 7	10567	802	800	10570	1262	10	46	1226
Grand Total			240928	4364	4364	240928	53483	3807	3807	53483

Note: 1. Calculated on the basis of change matrices provided by

2. Totals may not match due to rounding off.

State-wise Asset Account for Land Use Land Cover

Annexure 1.1
(Area in Sq. km)

Sl. No.	L1	L2	WEST BENGAL				ANDAMAN & NICOBAR ISLANDS			
			Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)	Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)
1	Agriculture	Crop land	51709	166	253	51622	316	1	2	315
		Current Shifting cultivation				0				0
		Fallow	41	0	5	36	0	0		0
		Plantation	2508	14	2	2521	74	2	0	76
		Sub Total 1	54259	180	260	54179	390	3	2	392
2	Barren/unculturable/ Wastelands	Barren Rocky	51			51				0
		Gullied / Ravinous Land	19	2	4	18				0
		Rann				0				0
		Salt Affected Land	1	1		2				0
		Sandy Area	29	7	17	19	7			7
		Scrub Land	1358	29	303	1085	2	1		3
		Sub Total 2	1459	40	324	1175	9	1	0	10
		Sub Total 2	1459	40	324	1175	9	1	0	10
3	Buitup	Mining	257	40	6	291				0
		Rural	13281	23	9	13295	7			7
		Urban	2415	63	2	2476	63	1		64
		Sub Total 3	15953	126	17	16062	69	1	0	70
4	Forest	Deciduous	6510	328	67	6771	1427	1	3	1425
		Evergreen/Semi evergreen	199		0	199	5059	0	1	5058
		Forest Plantation	702	73	40	735				0
		Scrub Forest	512	36	183	365	273	6	5	274
		Swamp / Mangroves	1771	24	15	1779	819	9	2	825
		Sub Total 4	9694	460	305	9849	7578	16	11	7583
5	Grass / Grazing	Grass / Grazing	171	27	49	149				0
		Sub Total 5	171	27	49	149	0	0	0	0
6	Snow and Glacier	Snow and Glacier				0				0
		Sub Total 6	0	0	0	0	0	0	0	0
7	Wet lands / Water bodies	Inland Wetland	194	0	77	118	18		0	18
		Coastal Wetland	94	5	6	93	124	0	7	118
		River/Stream/Canals	5616	113	61	5668	53		2	51
		Water bodies	1313	149	1	1461	8		0	8
		Sub Total 7	7217	267	145	7339	203	0	9	195
Grand Total			88752	1099	1099	88752	8249	22	22	8249

Note: 1. Calculated on the basis of change matrices provided by

2. Totals may not match due to rounding off.

State-wise Asset Account for Land Use Land Cover

Annexure 1.1
(Area in Sq. km)

Sl. No.	L1	L2	CHANDIGARH				DADAR & NAGAR HAVELI			
			Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)	Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)
1	Agriculture	Crop land	12		1	11	156		0	155
		Current Shifting cultivation				0				0
		Fallow	0			0	112	0	1	112
		Plantation	1			1	14		0	14
		Sub Total 1	12	0	1	12	283	0	1	281
2	Barren/unculturable/Wastelands	Barren Rocky				0			0	
		Gullied / Ravinous Land				0			0	
		Rann				0			0	
		Salt Affected Land				0			0	
		Sandy Area				0			0	
		Scrub Land	1			1	0		0	0
		Sub Total 2	1	0	0	1	0	0	0	0
3	Builtup	Mining	0			0	1		1	
		Rural	1			1	2		2	
		Urban	88	1		89	31	2	33	
		Sub Total 3	89	1	0	90	34	2	0	35
4	Forest	Deciduous	1			1	147		0	147
		Evergreen/Semi evergreen	8			8	6		6	
		Forest Plantation	0			0	0		0	
		Scrub Forest	0			0	1		1	
		Swamp / Mangroves				0			0	
Sub Total 4	10	0	0	10	154	0	0	154		
5	Grass / Grazing	Grass / Grazing				0			0	
		Sub Total 5	0	0	0	0	0	0	0	
6	Snow and Glacier	Snow and Glacier				0			0	
		Sub Total 6	0	0	0	0	0	0	0	
7	Wet lands / Water bodies	Inland Wetland				0			0	
		Coastal Wetland				0			0	
		River/Stream/Canals	0			0	8		8	
		Water bodies	2	0		2	12	0	12	
		Sub Total 7	2	0	0	2	20	0	0	20
Grand Total			114	1	1	114	491	2	2	491

Note: 1. Calculated on the basis of change matrices provided by

2. Totals may not match due to rounding off.

State-wise Asset Account for Land Use Land Cover

Annexure 1.1
(Area in Sq. km)

Sl. No.	L1	L2	DAMAN & DIU				DELHI			
			Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)	Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)
1	Agriculture	Crop land	19		2	17	506	1	18	452
		Current Shifting cultivation				0				
		Fallow	11	0	0	11	7	1	16	77
		Plantation	10		0	10	2	14		16
		Sub Total 1	39	0	2	37	514	15	33	545
2	Barren/unculturable/ Wastelands	Barren Rocky				0			0	
		Gullied / Ravinous Land				0			1	6
		Rann				0				
		Salt Affected Land	0		0	0				0
		Sandy Area	3			3	0			
		Scrub Land	1	1	0	1	75		3	62
		Sub Total 2	4	1	1	4	75	0	4	69
3	Builtup	Mining	1		0	1	3		0	1
		Rural	1	0		1	23	1		51
		Urban	20	2	0	23	824	18		754
		Sub Total 3	22	2	0	24	851	19	0	806
4	Forest	Deciduous	1			1	1	1		11
		Evergreen/Semi evergreen				0	12			
		Forest Plantation				0				0
		Scrub Forest				0	1			12
		Sub Total 4	13	0	0	13	15	1	0	23
5	Grass / Grazing	Grass / Grazing				0			1	6
		Sub Total 5	0	0	0	0	0	0	1	6
6	Snow and Glacier	Snow and Glacier				0				
		Sub Total 6	0	0	0	0	0	0	0	0
7	Wet lands / Water bodies	Inland Wetland	8		0	8	4	0	0	4
		Coastal Wetland	19			19				
		River/Stream/Canals	4			4	21	2		27
		Water bodies	1		0	0	3			4
		Sub Total 7	32	0	0	31	28	3	0	35
Grand Total			112	3	3	112	1483	38	38	1483

Note: 1. Calculated on the basis of change matrices provided by

2. Totals may not match due to rounding off.

State-wise Asset Account for Land Use Land Cover

Annexure 1.1
(Area in Sq. km)

Sl. No.	L1	L2	LAKSHADWEEP				PUDUCHERRY			
			Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)	Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)
1	Agriculture	Crop land	27			27	144	0	0	144
		Current Shifting cultivation				0				0
		Fallow				0	61		0	61
		Plantation				0	115		0	115
		Sub Total 1	27	0	0	27	320	0	1	319
2	Barren/unculturable/Wastelands	Barren Rocky				0				0
		Gullied / Ravinous Land				0				0
		Rann				0				0
		Salt Affected Land				0				0
		Sandy Area				0	2	3		5
		Scrub Land				0	2	1	0	2
		Sub Total 2	0	0	0	0	4	4	0	7
3	Builtup	Mining				0	0			0
		Rural	0			0	35		0	35
		Urban	5			5	86	1	0	86
		Sub Total 3	5	0	0	5	121	1	0	121
4	Forest	Deciduous				0	0			0
		Evergreen/Semi evergreen				0				0
		Forest Plantation				0	0			0
		Scrub Forest				0				0
		Swamp / Mangroves				0	2			2
Sub Total 4	0	0	0	0	2	0	0	2		
5	Grass / Grazing	Grass / Grazing				0				0
		Sub Total 5	0	0	0	0	0	0	0	0
6	Snow and Glacier	Snow and Glacier				0				0
		Sub Total 6	0	0	0	0	0	0	0	0
7	Wet lands / Water bodies	Inland Wetland				0	1			1
		Coastal Wetland				0	8		1	7
		River/Stream/Canals				0	18		2	16
		Water bodies	0			0	20	0	0	20
		Sub Total 7	0	0	0	0	46	0	3	43
Grand Total			32	0	0	32	492	4	4	492

Note: 1. Calculated on the basis of change matrices provided by

2. Totals may not match due to rounding off.

Annexure 1.1
(Area in Sq. km)

Sl. No.	L1	L2	Asset Account for Land Cover of INDIA			
			Opening Stock (2011-12)	Addition to Stock	Reduction in Stock	Closing Stock (2015-16)
1	Agriculture	Crop land	1553007	41056	90107	1503956
		Current Shifting cultivation	3743	2633	2353	4023
		Fallow	181469	79956	33247	228179
		Plantation	83514	4346	2742	85118
		Sub Total 1	1821732	127991	128448	1821276
2	Barren/unculturable/ Wastelands	Barren Rocky	173986	3540	72371	105154
		Gullied / Ravinous Land	7511	2898	468	9941
		Rann	18822	0	132	18690
		Salt Affected Land	9610	372	228	9754
		Sandy Area	30644	3471	680	33436
		Scrub Land	184144	12602	9862	186885
		Sub Total 2	424717	22883	83740	363860
		Sub Total 2	424717	22883	83740	363860
3	Builtup	Mining	6024	907	310	6620
		Rural	74653	658	233	75079
		Urban	38321	2201	372	40150
		Sub Total 3	118998	3766	916	121848
4	Forest	Deciduous	444433	3753	11300	436886
		Evergreen/Semi evergreen	156105	1134	4194	153045
		Forest Plantation	23895	330	871	23355
		Scrub Forest	96406	11466	8252	99620
		Swamp / Mangroves	4704	66	47	4723
Sub Total 4	725543	16749	24663	717629		
5	Grass / Grazing	Grass / Grazing	25397	1049	2894	23551
		Sub Total 5	25397	1049	2894	23551
6	Snow and Glacier	Snow and Glacier	32581	70525	1782	101325
		Sub Total 6	32581	70525	1782	101325
7	Wet lands / Water bodies	Inland Wetland	8175	458	1027	7606
		Coastal Wetland	10719	189	121	10787
		River/Stream/Canals	61032	2130	2333	60829
		Water bodies	58367	1478	1293	58552
		Sub Total 7	138294	4254	4775	137774
Grand Total			3287263	247218	247218	3287263

Note: 1. Calculated on the basis of change matrices provided by
2. Totals may not match due to rounding off.