

Salient Features

- Net decrease of wastelands area by 10.75 sq. km. is observed during this period.
- An area of 6.49 sq. km. of wastelands is converted into built up area followed by an area of 6.02 sq. km. converted into forest plantation.
- Tripura (West) district has witnessed decrease in wastelands area by 8.55 sq. km. and in Dhalai district by 2.72 sq. km.
- Tripura South district has observed increase in wastelands area by 3.15 sq. km.

TRIPURA Spatial Distribution of Wastelands 2015-16



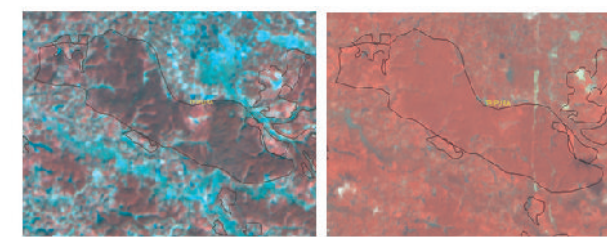
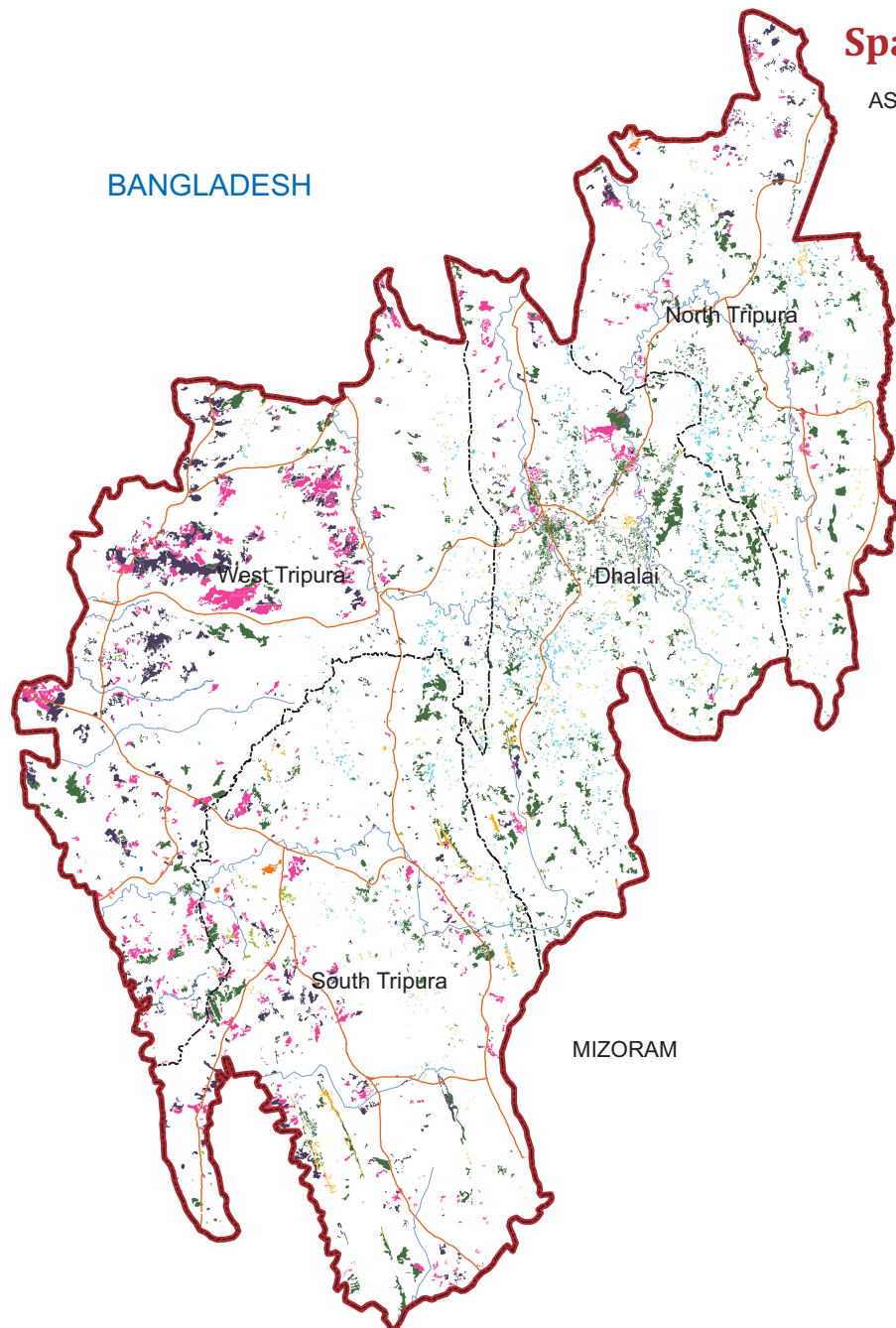
BANGLADESH

ASSAM

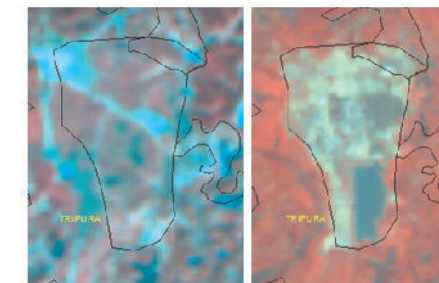
MIZORAM

Legend

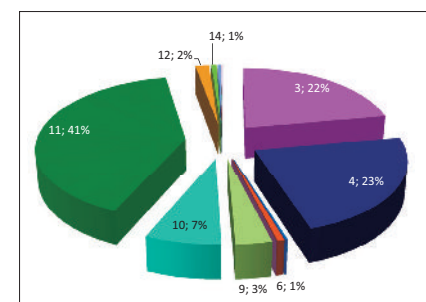
- Gullied and/ or ravinous land (Medium)
- Gullied and/ or ravinous land (Deep)
- Land with Dense Scrub
- Land with Open Scrub
- Waterlogged and Marshy land (Permanent)
- Waterlogged and Marshy land (Seasonal)
- Land Affected by salinity / alkalinity (Moderate)
- Land Affected by salinity / alkalinity (Strong)
- Shifting Cultivation - Current Jhum
- Shifting Cultivation - Abandoned Jhum
- Under-utilised/degraded forest (Scrub domin)
- Under-utilised/degraded forest (Agriculture)
- Degraded pastures/grazing land
- Degraded land under plantation crop
- Sands - Riverine
- Sands - Coastal
- Sands - Desertic
- Sands - Semi Stab:- Stab > 40m
- Sands - Semi Stab:- Stab 15-40m
- Mining Wastelands
- Industrial Wastelands
- Barren Rocky Area
- Snow Covered/ Glacial Area
- Non Wasteland Area
- Water ways
- International Boundary
- State Boundary
- District Boundary
- Railways
- Major Roads



Lat: 23°28'37.411"N Long: 91°28'48.581"E
District: Gomati
08-09: Open Scrub; 15-16: Plantation



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Executed By
Land Use & Cover Monitoring Divn.
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Sponsored by
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Min. of Rural Development
G - Wing, Nirman Bhawan
GOI, New Delhi - 110 011

Total Geog. Area (TGA): 10486.00 sq. km.
Total wasteland area : 920.52 sq. km.
Wasteland Percentage: 8.78

Source: Wasteland Maps: 2008-09 on 1:50,000 scale,
Three seasons IRS P6 LISS-III data of Kharif (Oct/Nov-2015),
Rabi (Jan/Feb-2016) and Zaid (April/May-2016) & Ground truth

TRIPURA
Wastelands Area Change Matrix : 2008-09 and 2015-16

Area in sq.km

WL Categories	WL during 2008-09 remaining as WL in 2015-16												WL 2008-09 becoming non WL in 2015-16								2008-09			
	1	3	4	5	6	9	10	11	12	14	15	21	24	25	26	27	28	29	30	31	32	Category Total	Grand Total	
1	0.48																					0.48	931.27	
2		176.15	7.07										0.43	0.05	0.38	0.03	0.99	1.95	0.87	0.04		187.95		
3		27.99	203.82										5.81		0.48		1.99	0.58	0.76			241.43		
4				1.82	0.04																	1.86		
5					6.09																	6.09		
6						28.19	1.70	0.23										0.07	0.12			30.31		
7						0.23	62.01	2.30									0.04	0.23	0.36			65.17		
8					0.02	0.47		365.50	0.30			0.04	0.25		0.21		0.68	1.26	3.91	0.13		372.77		
11									15.76									0.08				15.84		
12										5.47								0.02				5.48		
13											3.59											3.59		
14												0.31										0.31		
999		0.66	3.62		0.03	1.74	0.50	3.52	0.05	0.68	0.09	0.07												
Category Total (2015-16)	0.48	204.80	214.51	1.82	6.18	30.62	64.20	371.56	16.11	6.15	3.68	0.42	6.49	0.05	1.07	0.03	3.70	4.21	6.02	0.04	0.13			
Grand Total (2015-16)	920.52																							

WL Category	Reduction from 0809 to 1516		Increase from 0809 to 1516	
	Area	No of polygons	Area	No of polygons
1				
3	4.73	45	0.66	6
4	9.62	41	3.62	37
5				
6			0.03	2
9	0.19	4	1.74	35
10	0.64	14	0.50	14
11	6.44	36	3.52	36
12	0.08	1	0.05	3
14	0.02	1	0.68	8
15			0.09	5
21			0.07	2
Total	21.71	142	10.96	148

Wastelands becoming Non-wastelands (-) **21.71**
 Non-wastelands becoming Wastelands (+) **10.96**
 NET Change (2015 - 16) - (2008 - 09) (-) **10.75**

Green denotes Change from wasteland to non-wasteland
Red denotes change from non-wasteland to wastelands
Blue denotes no change in the wasteland category
 2008 - 09 Wastelands statistics are revised version.
 Area under category total is rounded to nearest decimal.

Wasteland Classes		Non-Wasteland Classes	
1. Gullied and/ or ravinous land (Medium)	9. Shifting Cultivation - Current Jhum	17. Sands-Desertic	24. Built-up
2. Gullied and/ or ravinous land (Deep)	10. Shifting Cultivation - Abandoned Jhum	18. Sands-Semi Stab.-Stab>40m	25. Industrial Area
3. Land with Dense Scrub	11. Under-utilised/degraded forest (Scrub domin)	19. Sands-Semi Stab.-Stab 15-40m	26. Cropland
4. Land with Open Scrub	12. Under-utilised/degraded forest (Agriculture)	20. Mining Wastelands	27. Fallow Land
5. Waterlogged and Marshy land (Permanent)	13. Degraded pastures/ grazing land	21. Industrial wastelands	28. Plantation
6. Waterlogged and Marshy land (Seasonal)	14. Degraded land under plantation crop	22. Barren Rocky/Stony waste	29. Forest-Dense/Open
7. Land affected by salinity/alkalinity (Medium)	15. Sands-Riverine	23. Snow covered /Glacial area	30. Forest Plantation
8. Land affected by salinity/alkalinity (Strong)	16. Sands-Coastal	999. Non-Wasteland Area	31. Grasslands
			32. Waterbodies

Tripura

Wastelands Area Changes – 2008-09 and 2015-16

District	WL_Class	1	2	3	4	5	6	7	8	9	10	11
Dhalai	2008-09	0.34	--	26.50	12.90	0.27	0.53	--	--	15.07	37.01	153.50
	2015-16	0.34	--	25.46	12.40	0.22	0.59	--	--	15.07	36.04	152.92
	Change	0.00	--	-1.04	-0.49	-0.04	0.06	--	--	0.00	-0.97	-0.58
Gomati	2008-09	0.13	--	19.95	13.35	0.62	2.54	--	--	3.60	10.03	48.79
	2015-16	0.13	--	22.87	10.11	0.62	2.54	--	--	3.39	9.47	50.14
	Change	0.00	--	2.92	-3.24	0.00	0.00	--	--	-0.22	-0.56	1.35
Khowai	2008-09	--	--	30.92	20.67	0.08	0.36	--	--	3.08	5.25	19.18
	2015-16	--	--	30.51	19.53	0.08	0.36	--	--	3.14	5.39	18.83
	Change	--	--	-0.42	-1.13	0.00	0.00	--	--	0.06	0.14	-0.35
North	2008-09	--	--	10.88	18.72	0.05	0.17	--	--	6.34	9.52	51.92
	2015-16	--	--	11.05	17.53	0.05	0.19	--	--	6.46	9.71	52.38
	Change	--	--	0.17	-1.19	0.00	0.02	--	--	0.12	0.19	0.46
Sepahijala	2008-09	--	--	30.73	36.47	0.55	0.35	--	--	--	0.26	26.10
	2015-16	--	--	30.82	36.08	0.55	0.36	--	--	0.07	0.26	26.02
	Change	--	--	0.09	-0.40	0.00	0.02	--	--	0.07	0.00	-0.09
South	2008-09	--	--	29.27	34.90	0.13	0.02	--	--	1.69	0.62	32.43
	2015-16	--	--	28.76	36.15	0.13	0.02	--	--	1.99	0.84	34.06
	Change	--	--	-0.51	1.25	0.00	0.00	--	--	0.30	0.22	1.63
Unakoti	2008-09	--	--	6.57	8.72	0.13	1.85	--	--	0.07	1.70	21.37
	2015-16	--	--	7.15	6.88	0.13	1.85	--	--	0.07	1.74	21.39
	Change	--	--	0.58	-1.84	0.00	0.00	--	--	0.00	0.04	0.03
West	2008-09	--	--	33.11	95.70	0.04	0.28	--	--	0.45	0.79	19.48
	2015-16	--	--	48.16	75.82	0.04	0.28	--	--	0.43	0.76	15.82
	Change	--	--	15.05	-19.88	0.00	0.00	--	--	-0.02	-0.03	-3.66
Grand Total	2008-09	0.48	--	187.95	241.43	1.86	6.09	--	--	30.31	65.17	372.77
	2015-16	0.48	--	204.80	214.51	1.82	6.18	--	--	30.62	64.20	371.56
	Change	0.00	--	16.85	-26.92	-0.04	0.09	--	--	0.31	-0.97	-1.21

Note: "--" Denotes this Class is not existing in the District / State

2008-09 Wastelands statistics are revised version.

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|--------------------------------------------|--------------------------------------------------|
| 1. Gullied and/ or ravinous land (Medium) | 7. Land affected by salinity/alkalinity (Medium) |
| 2. Gullied and/ or ravinous land (Deep) | 8. Land affected by salinity/alkalinity (Strong) |
| 3. Land with Dense Scrub | 9. Shifting Cultivation - Current Jhum |
| 4. Land with Open Scrub | 10. Shifting Cultivation - Abandoned Jhum |
| 5. Waterlogged and Marshy land (Permanent) | 11. Under-utilised/degraded forest (Scrub domin) |
| 6. Waterlogged and Marshy land (Seasonal) | 12. Under-utilised/degraded forest (Agriculture) |

Area in sq.km

12	13	14	15	16	17	18	19	20	21	22	23	Total	TGA
3.39	--	0.06	1.03	--	--	--	--	--	--	--	--	250.59	2314
3.51	--	0.20	1.07	--	--	--	--	--	0.04	--	--	247.88	
0.12	--	0.13	0.04	--	--	--	--	--	0.04	--	--	-2.72	
5.16	--	4.58	--	--	--	--	--	--	0.13	--	--	108.88	1616
5.37	--	4.60	0.04	--	--	--	--	--	0.16	--	--	109.44	
0.21	--	0.03	0.04	--	--	--	--	--	0.03	--	--	0.56	
0.39	--	--	0.69	--	--	--	--	--	--	--	--	80.62	1013
0.39	--	0.20	0.70	--	--	--	--	--	--	--	--	79.13	
0.00	--	0.20	0.02	--	--	--	--	--	--	--	--	-1.49	
1.46	--	0.25	0.04	--	--	--	--	--	--	--	--	99.35	1357
1.38	--	0.29	0.04	--	--	--	--	--	0.03	--	--	99.12	
-0.08	--	0.05	0.00	--	--	--	--	--	0.03	--	--	-0.24	
0.02	--	0.41	0.39	--	--	--	--	--	0.04	--	--	95.31	1043
0.02	--	0.41	0.39	--	--	--	--	--	0.04	--	--	95.00	
0.00	--	0.00	0.00	--	--	--	--	--	0.00	--	--	-0.30	
5.35	--	--	0.19	--	--	--	--	--	0.15	--	--	104.74	1511
5.35	--	0.26	0.19	--	--	--	--	--	0.15	--	--	107.89	
0.00	--	0.26	0.00	--	--	--	--	--	0.00	--	--	3.15	
--	--	--	1.18	--	--	--	--	--	--	--	--	41.58	656
0.02	--	--	1.18	--	--	--	--	--	--	--	--	40.41	
0.02	--	--	0.00	--	--	--	--	--	--	--	--	-1.17	
0.07	--	0.19	0.08	--	--	--	--	--	--	--	--	150.20	976
0.07	--	0.19	0.08	--	--	--	--	--	--	--	--	141.65	
0.00	--	0.00	0.00	--	--	--	--	--	--	--	--	-8.55	
15.84	--	5.48	3.59	--	--	--	--	--	0.31	--	--	931.27	10486
16.11	--	6.15	3.68	--	--	--	--	--	0.42	--	--	920.52	
0.27	--	0.66	0.09	--	--	--	--	--	0.11	--	--	-10.75	

TGA - Total Geographical Area

13. Degraded pastures/ grazing land	19. Sands-Semi Stab.-Stab 15-40m
14. Degraded land under plantation crop	20. Mining Wastelands
15. Sands-Riverine	21. Industrial wastelands
16. Sands-Coastal	22. Barren Rocky/Stony waste
17. Sands-Desertic	23. Snow covered /Glacial area
18. Sands-Semi Stab.-Stab>40m	

