

Distribution of Houses by Predominant Materials of Roof and Wall and Level of Damage Risk

LAKSHADWEEP

Wall / Roof		Census Houses		Level of Risk under									
		No. of Houses	%	EQ Zone				Wind Velocity m/s				Flood Prone Area in %	
				V	IV	III	II	55 & 50	47	44 & 39	33		
				Area in %				Area in %					
STATE - LAKSHADWEEP						100				100			
WALL													
A1 - Mud & Unburnt Brick Wall	Rural	26	0.1										
	Urban	14	0.1										
	Total	40	0.2			M			H				
A2 - Stone Wall not packed with mortar	Rural	564	3.2										
	Urban	985	5.6										
	Total	1,549	8.8			M			M				
Total - Category - A		1,589	9.0										
B - Burnt Bricks Wall & Stone wall packed with mortar	Rural	3,122	17.7										
	Urban	10,696	60.7										
	Total	13,818	78.4			L			M				
Total - Category - B		13,818	78.4										
C1 - Concrete Wall	Rural	47	0.3										
	Urban	99	0.6										
	Total	146	0.9			VL			VL				
C2 - Wood wall	Rural	10	0.1										
	Urban	208	1.2										
	Total	218	1.3			VL			H				
Total - Category - C		364	2.1										
X - Other Materials	Rural	720	4.1										
	Urban	1,126	6.4										
	Total	1,846	10.5			VL			H				
Total - Category - X		1,846	10.5										
TOTAL HOUSES*		17,617											

ROOF												
R1 - Light Weight Sloping Roof	Rural	1,306	7.4									
	Urban	2,878	16.3									
	Total	4,184	23.7			L			VH			
R2 - Heavy Weight Sloping Roof	Rural	1,840	10.4									
	Urban	4,746	26.9									
	Total	6,586	37.3			L			M			
R3 - Flat Roof	Rural	1,343	7.6									
	Urban	5,504	31.2									
	Total	6,847	38.8	<i>Damage Risk as per that for the Wall supporting it</i>								
TOTAL HOUSES*		17,617										

Probable Maximum Precipitation at a Station of the district in 24 hrs is N.A. mm

Housing Category : Wall Types

- Category - A** : Buildings in field-stone, rural structures, unburnt brick houses, clay houses
- Category - B** : Ordinary brick building; buildings of the large block & prefabricated type, half-timbered structures, building in natural hewn stone
- Category - C** : Reinforced building, well built wooden structures
- Category - X** : Other materials not covered in A,B,C. These are generally light.
- Notes** : 1. Flood prone area includes that protected area which may have more severe damage under failure of protection works. In some other areas the local damage may be severe under heavy rains and choked drainage.
2. Damage Risk for wall types is indicated assuming heavy flat roof in categories A, B and C (Reinforced Concrete) building
3. Source of Housing Data : Census of Housing, GOI, 2011

Housing Category : Roof Type

- Category - R1** - Light Weight (Grass, Thatch, Bamboo, Wood, Mud, Plastic, Polythene, GI Metal, Asbestos Sheets, Other Materials)
- Category - R2** - Heavy Weight (Tiles, Stone/Slate)
- Category - R3** - Flat Roof (Brick, Concrete)
- EQ Zone V : Very High Damage Risk Zone (MSK > IX)
- EQ Zone IV : High Damage Risk Zone (MSK VIII)
- EQ Zone III : Moderate Damage Risk Zone (MSK VII)
- EQ Zone II : Low Damage Risk Zone (MSK < VI)
- Level of Risk : VH = Very High; H = High;
- M = Moderate; L = Low; VL = Very Low
- * Total No. of Houses excluding Vacant/Locked Houses