

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

Table No. : JK 04

State : JAMMU & KASHMIR

KARGIL

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 %					
					100				63.3		36.7		
WALL													
A1 - Mud & Unburnt Brick Wall	Rural	13,582	33.6										
	Urban	1,812	4.5										
	Total	15,394	38.1		H			VH		M			
A2 - Stone Wall not packed with mortar	Rural	15,001	37.1										
	Urban	2,693	6.7										
	Total	17,694	43.8		H			H		L			
Total - Category - A		33,088	81.9										
B - Burnt Bricks Wall & Stone wall packed with mortar	Rural	5,381	13.3										
	Urban	1,295	3.2										
	Total	6,676	16.5		M			H		L			
Total - Category - B		6,676	16.5										
C1 - Concrete Wall	Rural	22	0.1										
	Urban	194	0.5										
	Total	216	0.6		L			L		VL			
C2 - Wood wall	Rural	38	0.1										
	Urban	44	0.1										
	Total	82	0.2		L			VH		M			
Total - Category - C		298	0.7										
X - Other Materials	Rural	168	0.4										
	Urban	154	0.4										
	Total	322	0.8		VL			VH		M			
Total - Category - X		322	0.8										
TOTAL HOUSES*		40,384											

ROOF												
R1 - Light Weight Sloping Roof	Rural	33,808	83.7									
	Urban	5,475	13.6									
	Total	39,283	97.3		M			VH		H		
R2 - Heavy Weight Sloping Roof	Rural	253	0.6									
	Urban	224	0.6									
	Total	477	1.2		M			H		L		
R3 - Flat Roof	Rural	131	0.3									
	Urban	493	1.2									
	Total	624	1.5	<i>Damage Risk as per that for the Wall supporting it</i>								
TOTAL HOUSES*		40,384										

Probable Maximum Precipitation at a Station of the district in 24 hrs is 360 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