

Design Standards City of Moscow

Builders, homeowners, developers, design professionals and engineers all need to know certain basic facts about the climate and geography of a new home site, as well as for other structures, including additions to existing construction. Below is a table of the basic design criteria for the City of Moscow. This information is required under the International Residential Code [currently the 2006 edition] Table R301.2(1).

Climatic and Geographic Design Criteria

| <i>Design Element</i> | <i>Minimum Requirement</i> |
|---|-----------------------------------|
| Ground Snow Load | 64 PSF |
| Wind Speed [3-second gust] | 90 mph |
| Seismic Design Category | B |
| Weathering Damage | Severe |
| Frost line Depth | 30 inches |
| Termite Infestation Probability | Slight to Moderate |
| Winter Design Temperature | 10 degrees F. |
| Ice Barrier Underlayment Required (roofs) | Yes |
| Flood Hazards FEMA map dates | February 1980, Revised April 2002 |
| Air Freezing Index | 960 |
| Mean Annual Temperature | 47 degrees F. |

Any further questions should be directed to the Community Development Department, 883-7022