



FRANKLIN COUNTY

PLANNING AND BUILDING DEPARTMENT

CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

2021 IRC and from 2021 IBC General Design Criteria

Roof Snow Load	20 PSF, (min. roof live load is 20 PSF, also)
Max Wind Speed and Exposure	100 mph Exposure C Based upon greatest ultimate design wind speed.
Seismic Design Category	C
Weathering	Severe
Frost Line Depth	24 inches
Termite Damage	Slight to Moderate
Decay Damage	None
Soil Bearing (Franklin County Only)	1500 PSF
Design Temperatures:	
Mean Annual Design Temperature	50' F
Winter	11' F
Summer	101' F
Summer Degree Range	30' F (change)
Yearly Degree Average	53.9' F
Heating Degree Days	4895
Cooling Degree Days	830
Average # of Clear Days	225 (occurs primarily April 1 to November 1)
Air Freezing Index	808
Elevation above sea level	350 feet