

# Morgan County

## Climatic and Geographic Design Criteria

**Code:**

International Building Code, 2021 Edition  
 International Residential Code, 2021 Edition

**Soils:**

Load Bearing Capacity 1500 PSF, unless shown otherwise by geotechnical investigation  
 Site Class D, unless shown otherwise by geotechnical investigation.

| Ground Snow Load <sup>1</sup> | Wind Design |                     | SEISMIC DESIGN CATEGORY | SUBJECT TO DAMAGE FROM |                  |         | Winter Design Temp | Ice Barrier Underlayment Required | Flood Hazard <sup>2</sup> | Air Freezing index | Mean Annual Temp |
|-------------------------------|-------------|---------------------|-------------------------|------------------------|------------------|---------|--------------------|-----------------------------------|---------------------------|--------------------|------------------|
|                               | Speed (mph) | Topographic Effects |                         | Weathering             | Frost Line Depth | Termite |                    |                                   |                           |                    |                  |
| Varies                        | 115C        | No                  | D <sub>1</sub>          | Severe                 | 36 inches        | No      | 8                  | Yes                               | Map                       | 1481               | 45.8             |

1. Site specific ground snow loads available at <https://www.usu.edu/utahsnowload/>  
 2. Flood hazard map available at <http://morgan-county.net/Maps>