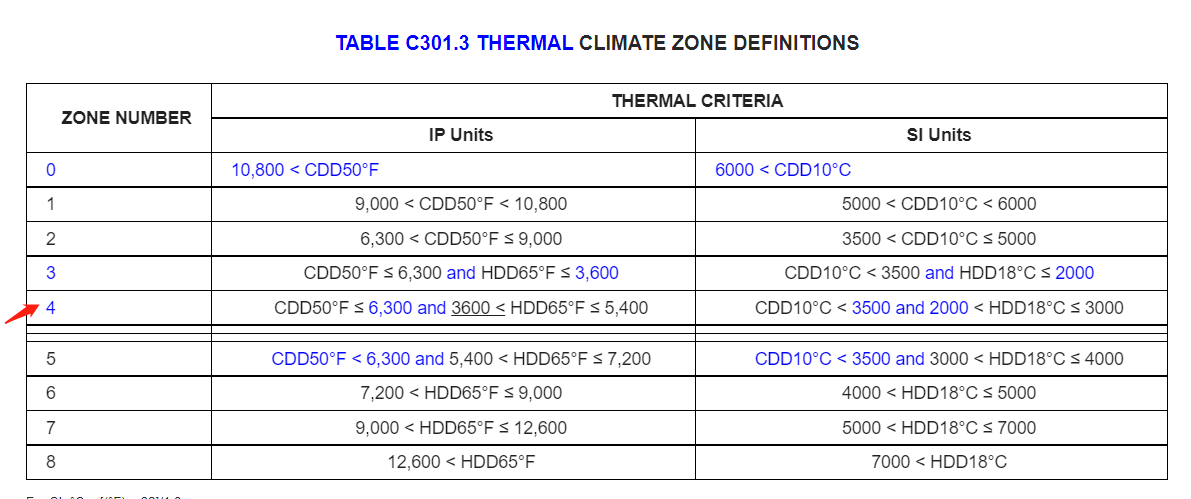
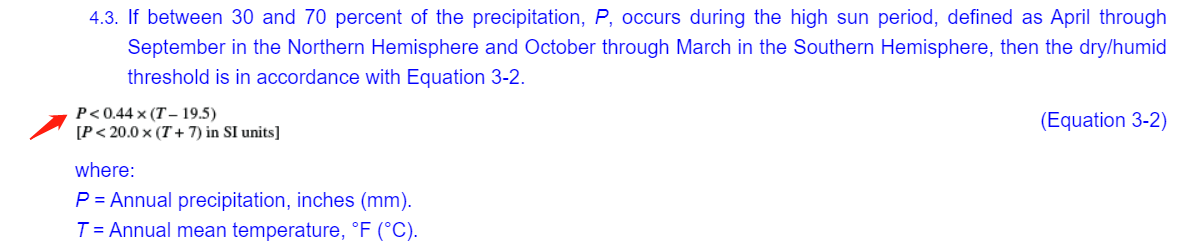
## Reference Buildings





IECC Climate Zone Number: 4

IECC Moisture Regime: Dry(B)

Selected reference buildings: RefBldgMediumOfficePost1980\_v1.4\_7.2\_4B\_USA\_NM\_ALBUQUERQUE.idf

## Raw EPW

|  |  |
| --- | --- |
| **Location** | **Elevation (above sea level)** |
| Monoprix Building | 488 ft = 146 m |
| FRA Montpellier | 6 m |
| FRA Bordeaux✅ | 61 m |

## Only-EP

(idf, EPW)

|  |  |  |  |
| --- | --- | --- | --- |
|  | MidRiseApart | SmallOffice\_Residential | MediumOffice |
| Wall/Solar |  |  | Perimeter\_bot\_ZN\_1\_Wall\_South  Perimeter\_mid\_ZN\_1\_Wall\_South  Perimeter\_top\_ZN\_1\_Wall\_South  Perimeter\_bot\_ZN\_3\_Wall\_North  Perimeter\_mid\_ZN\_3\_Wall\_North  Perimeter\_top\_ZN\_3\_Wall\_North |
| Roof |  |  | Building\_Roof |
| Floor |  |  | Perimeter\_bot\_ZN\_1\_Floor  Perimeter\_bot\_ZN\_2\_Floor  Perimeter\_bot\_ZN\_3\_Floor  Perimeter\_bot\_ZN\_4\_Floor  Core\_bot\_ZN\_5\_Floor |
| Others (Heating/Cooling) |  |  | CORE\_MID  sens\_cool\_demand\_sensor\_handle  sens\_heat\_demand\_sensor\_handle  cool\_consumption\_sensor\_handle  heat\_consumption\_sensor\_handle  zone\_indor\_temp\_sensor\_handle  zone\_indor\_spe\_hum\_sensor\_handle |

## Performance

CVRMSE (%), (OnlyEP, OnlyVCWG, Bypass)

2m, direct: [ 7.3 30.65 43.9 ]

2m, real\_p0: [ nan 31.28 44.47]

2m, real\_epw: [ nan 29.89 43.16]

6m, direct: [ 7.3 30.8 43.14]

6m, real\_p0: [ nan 31.31 43.58]

6m, real\_epw: [ nan 30.04 42.43]

20m, direct: [ 6.29 33.45 39.01]

20m, real\_p0: [ nan 33.7 39.23]

20m, real\_epw: [ nan 32.57 38.23]

CVRMSE (%), (OnlyEP, OnlyVCWG, Bypass)

2m, direct: [ 7.32 16.35 26.01]

2m, real\_p0: [ nan 17.51 26.96]

2m, real\_epw: [ nan 14.95 24.8 ]

6m, direct: [ 7.32 15.78 24.55]

6m, real\_p0: [ nan 16.77 25.33]

6m, real\_epw: [ nan 14.32 23.37]

20m, direct: [ 6.29 18.36 20.2 ]

20m, real\_p0: [ nan 18.82 20.63]

20m, real\_epw: [ nan 16.77 18.74]

Backend MacOSX is interactive backend. Turning interactive mode on.

CVRMSE (%), (OnlyEP, OnlyVCWG, Bypass)

2m, direct: [ 7.32 20.6 17.51]

2m, real\_p0: [ nan 21.89 18.78]

2m, real\_epw: [ nan 18.97 15.93]

6m, direct: [ 7.32 19.53 16.54]

6m, real\_p0: [ nan 20.63 17.63]

6m, real\_epw: [ nan 17.83 14.9 ]

20m, direct: [ 6.29 19.28 16.79]

20m, real\_p0: [ nan 19.78 17.28]

20m, real\_epw: [ nan 17.53 15.1 ]

CVRMSE (%), (OnlyEP, OnlyVCWG, Bypass)

2m, direct: [ 7.32 17.44 17.51]

2m, real\_p0: [ nan 18.64 18.78]

2m, real\_epw: [ nan 15.97 15.93]

6m, direct: [ 7.32 16.51 16.54]

6m, real\_p0: [ nan 17.51 17.63]

6m, real\_epw: [ nan 15.02 14.9 ]

20m, direct: [ 6.29 17.59 16.79]

20m, real\_p0: [ nan 18.02 17.28]

20m, real\_epw: [ nan 16.18 15.1 ]