# PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)

*INSTRUCTIONS:*
1. *Only a TYPED copy will be accepted.*
2. *~~Dashed line through material to be deleted~~; underline or bold face material to be added.*
3. *Use a second sheet for any material requiring more space.*
4. *Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.*

Leadership for a Safe and Secure Indiana

| FOR OFFICE USE ONLY | | |
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| Received | Code | Proposal number |
| | | |

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|---|---|
| Code title<br>Indiana Residential Code | Edition<br>2019 |
| Section number and title<br>Table R301.2(1) Climatic and Geographical Design Criteria | Page number<br>1 of 3 |
| Proponent<br>Craig W Wagner | Representing (*if applicable*)<br>Whitley County, IABO |
| Address (*number and street, city, state, and ZIP code*)<br>220 W Van Buren St, Ste 204, Columbia City, IN 46725 | Telephone number<br>( 260 ) 248-3111 |

**PROPOSED CODE CHANGE *(check one)***

☐ Change to read as follows ☐ Add to read as follows ☑ Delete and substitute as follows ☐ Delete without substitution

Delet the template table R3401.2(1) and substitute attached two page table.

**REASON STATEMENT AND FISCAL IMPACT**

This table reflects the IRC wind speed change, seismic design category changes and air freezing requirements from IRC Table R403.3(2). Other columns in the table reflect Indiana's values from previous editions of the InRC code. The Flood column was not added and flood-resistant construction will be addressed in Section R322. The table will have a neutral impact since the minimal wind changes will be offset by the reduced seismic requirements.

**REVIEW RECOMMENDATION**

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| Approve |
| Reject |
| Approve as amended |
| Further study |

# Table R301.2(1) Climatic and Geographical Design Criteria

| # | County | Wind speed[a] (MPH) | Seis-mic zone[b] | Ground snow load (PSF) | Found-ation depth[c] | Winter design temp (F°) | Decay Slight to Mod-erate, S to M | Termite Moderate to Heavy, M to H | Weath-ering[d] | Ice Shield Under-layment required | Air freezing index | Mean annual temp (F°) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | Adams | 115 | A | 20 | 36 | 1° | S to M | M to H | Severe | Yes | ≤1500 | 50.9 |
| 02 | Allen | 115 | A | 20 | 36 | 1° | S to M | M to H | Severe | No | 2000 | 49.9 |
| 03 | Bartholomew | 115 | B | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 53.1 |
| 04 | Benton | 115 | A | 20 | 36 | 1° | S to M | M to H | Severe | Yes | 2000 | 49.1 |
| 05 | Blackford | 115 | A | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 51.4 |
| 06 | Boone | 115 | B | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 52.3 |
| 07 | Brown | 115 | B | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 53.1 |
| 08 | Carroll | 115 | A | 20 | 36 | 1° | S to M | M to H | Severe | Yes | ≤1500 | 51.7 |
| 09 | Cass | 115 | A | 20 | 36 | 1° | S to M | M to H | Severe | Yes | 2000 | 50.3 |
| 10 | Clark | 115 | B | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 54.7 |
| 11 | Clay | 115 | B | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 52.1 |
| 12 | Clinton | 115 | A | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 50.7 |
| 13 | Crawford | 115 | B | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 54.7 |
| 14 | Daviess | 115 | C | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 56.1 |
| 15 | Dearborn | 115 | A | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 50.5 |
| 16 | Decatur | 115 | B | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 52.4 |
| 17 | Dekalb | 115 | A | 30 | 36 | 1° | S to M | M to H | Severe | Yes | ≤1500 | 50.0 |
| 18 | Delaware | 115 | A | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 50.8 |
| 19 | Dubois | 115 | C | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 53.9 |
| 20 | Elkhart | 115 | A | 30 | 36 | 1° | S to M | M to H | Severe | Yes | ≤1500 | 50.5 |
| 21 | Fayette | 115 | A | 20 | 30 | 9° | S to M | M to H | Severe | No | ≤1500 | 51.5 |
| 22 | Floyd | 115 | B | 20 | 24 | 2° | S to M | M to H | Severe | No | ≤1500 | 54.7 |
| 23 | Fountain | 115 | B | 20 | 30 | 2° | S to M | M to H | Severe | No | 2000 | 51.2 |
| 24 | Franklin | 115 | A | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 51.8 |
| 25 | Fulton | 115 | A | 30 | 36 | 1° | S to M | M to H | Severe | Yes | 2000 | 49.3 |
| 26 | Gibson | 115 | C | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 55.2 |
| 27 | Grant | 115 | A | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 50.3 |
| 28 | Greene | 115 | C | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 52.9 |
| 29 | Hamilton | 115 | A | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 51.5 |
| 30 | Hancock | 115 | A | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 51.6 |
| 31 | Harrison | 115 | B | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 54.7 |
| 32 | Hendricks | 115 | B | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 52.3 |
| 33 | Henry | 115 | A | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 49.9 |
| 34 | Howard | 115 | A | 20 | 30 | 2° | S to M | M to H | Severe | No | 2000 | 49.6 |
| 35 | Huntington | 115 | A | 20 | 36 | 1° | S to M | M to H | Severe | Yes | ≤1500 | 50.4 |
| 36 | Jackson | 115 | B | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 52.5 |
| 37 | Jasper | 115 | A | 30 | 36 | 1° | S to M | M to H | Severe | Yes | 2000 | 49.6 |
| 38 | Jay | 115 | B | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 49.7 |
| 39 | Jefferson | 115 | B | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 54.7 |
| 40 | Jennings | 115 | B | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 54.3 |
| 41 | Johnson | 115 | B | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 52.0 |
| 42 | Knox | 115 | C | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 53.4 |
| 43 | Kosciusko | 115 | A | 30 | 36 | 1° | S to M | M to H | Severe | Yes | 2000 | 49.0 |
| 44 | Lagrange | 115 | A | 30 | 36 | 1° | S to M | M to H | Severe | Yes | ≤1500 | 47.9 |
| 45 | Lake | 115 | A | 30 | 36 | 1° | S to M | M to H | Severe | Yes | 2000 | 49.0 |
| 46 | LaPorte | 115 | A | 30 | 36 | 1° | S to M | M to H | Severe | Yes | 2000 | 49.7 |
| 47 | Lawrence | 115 | B | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 52.6 |
| 48 | Madison | 115 | A | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 50.8 |
| 49 | Marion | 115 | B | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 51.8 |
| 50 | Marshall | 115 | A | 30 | 36 | 1° | S to M | M to H | Severe | Yes | 2000 | 50.0 |
| 51 | Martin | 115 | C | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 54.2 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 52 | Miami | 115 | A | 20 | 36 | 1° | S to M | M to H | Severe | Yes | 2000 | 49.4 |
| 53 | Monroe | 115 | C | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 53.1 |
| 54 | Montgomery | 115 | B | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 50.1 |
| 55 | Morgan | 115 | B | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 51.5 |
| 56 | Newton | 115 | A | 30 | 36 | 1° | S to M | M to H | Severe | Yes | 2000 | 50.2 |
| 57 | Noble | 115 | A | 30 | 36 | 1° | S to M | M to H | Severe | Yes | ≤1500 | 49.0 |
| 58 | Ohio | 115 | A | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 53.0 |
| 59 | Orange | 115 | B | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 53.0 |
| 60 | Owen | 115 | B | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 50.1 |
| 61 | Parke | 115 | B | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 53.9 |
| 62 | Perry | 115 | C | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 55.8 |
| 63 | Pike | 115 | C | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 54.8 |
| 64 | Porter | 115 | A | 30 | 36 | 1° | S to M | M to H | Severe | Yes | 2000 | 49.6 |
| 65 | Posey | 115 | C | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 55.4 |
| 66 | Pulaski | 115 | A | 30 | 36 | 1° | S to M | M to H | Severe | Yes | 2000 | 49.7 |
| 67 | Putman | 115 | B | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 52.6 |
| 68 | Randolph | 115 | B | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 49.9 |
| 69 | Ripley | 115 | A | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 54.5 |
| 70 | Rush | 115 | A | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 51.2 |
| 71 | St Joseph | 115 | A | 30 | 36 | 1° | S to M | M to H | Severe | Yes | ≤1500 | 49.1 |
| 72 | Scott | 115 | B | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 53.9 |
| 73 | Shelby | 115 | B | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 52.6 |
| 74 | Spencer | 115 | C | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 56.2 |
| 75 | Starke | 115 | A | 30 | 36 | 1° | S to M | M to H | Severe | Yes | 2000 | 49.7 |
| 76 | Steuben | 115 | A | 30 | 24 | 1° | S to M | M to H | Severe | Yes | ≤1500 | 47.3 |
| 77 | Sullivan | 115 | C | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 52.7 |
| 78 | Switzerland | 115 | A | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 55.7 |
| 79 | Tippecanoe | 115 | A | 20 | 30 | 2° | S to M | M to H | Severe | No | 2000 | 50.9 |
| 80 | Tipton | 115 | A | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 49.2 |
| 81 | Union | 115 | A | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 51.5 |
| 82 | Vanderburgh | 115 | C | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 57.0 |
| 83 | Vermillion | 115 | B | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 50.8 |
| 84 | Vigo | 115 | B | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 53.1 |
| 85 | Wabash | 115 | A | 20 | 36 | 1° | S to M | M to H | Severe | Yes | 2000 | 49.0 |
| 86 | Warren | 115 | B | 20 | 30 | 2° | S to M | M to H | Severe | No | 2000 | 51.0 |
| 87 | Warrick | 115 | C | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 56.2 |
| 88 | Washington | 115 | B | 20 | 24 | 9° | S to M | M to H | Severe | No | ≤1500 | 54.5 |
| 89 | Wayne | 115 | A | 20 | 30 | 2° | S to M | M to H | Severe | No | ≤1500 | 49.9 |
| 90 | Wells | 115 | A | 20 | 36 | 1° | S to M | M to H | Severe | Yes | ≤1500 | 49.9 |
| 91 | White | 115 | A | 20 | 36 | 1° | S to M | M to H | Severe | Yes | 2000 | 50.3 |
| 92 | Whitley | 115 | A | 20 | 36 | 1° | S to M | M to H | Severe | Yes | ≤1500 | 48.8 |

a. Wind exposure shall be determined on a site-specific basis in accordance with Section R301.2.1.4.

b. Seismic Design Category shall be assigned according to this Table or Section R301.2.2.1.1.

c. Foundation is the minimum depth, in inches, from the finish grade to the bottom of the footing.

d. The grade of masonry units shall be determined from ASTM C 34, C 55, C62, C 73, C 90, C 129, C145, C 216 or C 652.