# **The ULTIMATE Sourdough Proofing Guide**

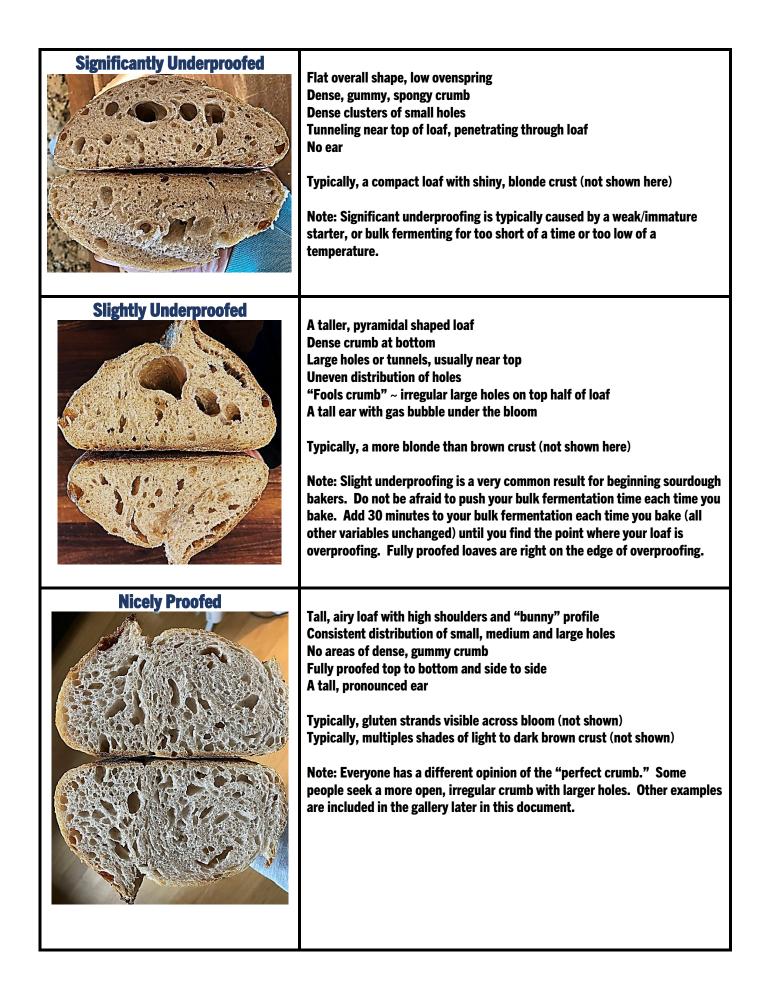
By Tom Cucuzza, The Sourdough Journey – December 2021©

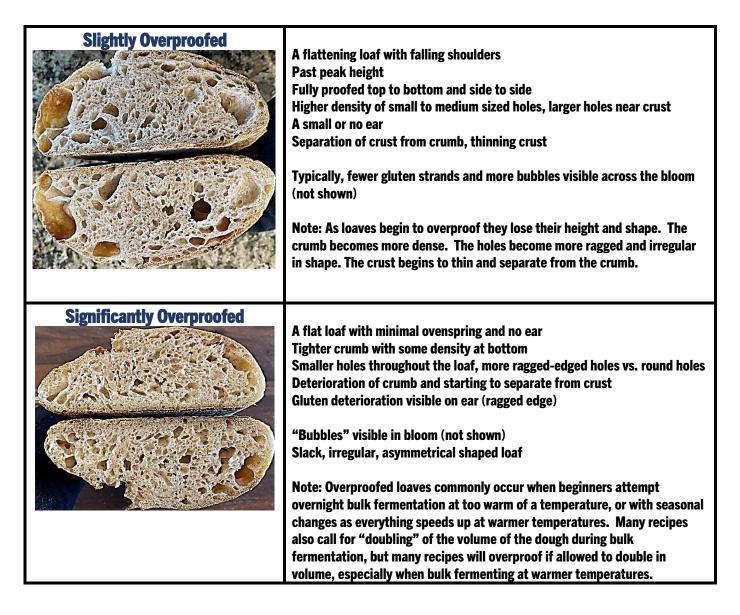
## **Part 1: How to Read a Sourdough Crumb**

#### **Underproofed or Overproofed?**

#### Companion Guide to the Video: https://youtu.be/JzvZ6vMxHcw

|                                       | Significantly<br>Underproofed                         | Slightly<br>Underproofed  | Nicely Proofed  | Slightly<br>Overproofed  | Significantly<br>Overproofed  |
|---------------------------------------|---|---|---|--|---|
| Loaf Height                           | Flat  | Tall and<br>pyramidal<br>sometimes with a<br>"belly" on bloom         | Tall loaf with high<br>shoulders and<br>"bunny" profile                     | Past peak height,<br>falling shoulders                               | Flat  |
| Alveoli / Holes                       | Dense, gummy,<br>spongy crumb<br>with some<br>tunnels | Dense areas with<br>tunnels or large<br>holes                         | Even distribution<br>of small, medium<br>and large holes                    | Mostly medium to small holes   | Smaller holes<br>throughout with<br>ragged edges on<br>holes        |
| Crumb Profile                         | Dense strip at<br>bottom, tunnels<br>or holes on top  | Dense strip at<br>bottom, "fools<br>crumb" or large<br>holes near top | Consistent<br>distribution of<br>holes edge to<br>edge and top to<br>bottom | Consistent<br>distribution of<br>small to medium<br>holes throughout | Small holes<br>throughout with<br>separation of<br>crust from crumb |
| Ear / Ovenspring                      | No ear, no<br>ovenspring                              | Sometimes a very<br>tall ear and tall<br>ovenspring                   | Tall, pronounced<br>ear with tall<br>ovenspring                             | Smaller ear with<br>less ovenspring                                  | No ear and<br>minimal<br>ovenspring                                 |
| Bloom<br>(Opening at<br>Scoring Line) | Does not open   | A large "belly"<br>bulging under the<br>bloom                         | Gluten strands<br>across bloom  | Less strands and<br>more bubbles<br>visible in bloom                 | "Bubbles" visible<br>and irregular<br>edged bloom                   |
| Crust Color                           | Pale, blonde crust                                    | More blonde than<br>brown   | Multiples shades<br>of light to dark<br>brown                               | Multiples shades<br>of light to dark<br>brown                        | Blonde or dark,<br>mottled crust                                    |





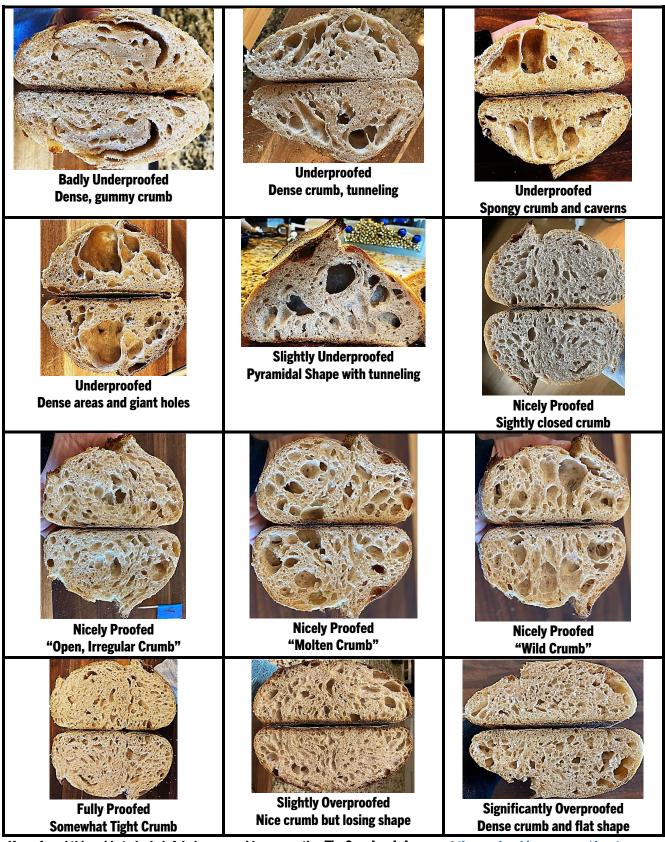
For many more examples, visit <u>The Sourdough Journey</u> on YouTube.

Check out the comparison of loaves in the following videos on The Sourdough Journey series <u>"When is Bulk</u> <u>Fermentation Done?"</u>

> Episode 1: <u>The 30-Minute Effect</u> Episode 2: T<u>he Curse of the Weak Starter</u> Episode 3: <u>The Bulk-O-Matic System</u> Episode 4: <u>Overproofing Problems</u> Episode 5: <u>Impact of Leaven Percentage</u> Episode 6: <u>Starter Strength and Leaven Percentage</u> Episode 7: <u>Some Like it Hot : The Temperature Effect</u> Episode 8: <u>Low and Slow at 70F/21C</u>

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### The Sourdough Journey HOW TO READ A SOURDOUGH CRUMB - GALLERY



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