



Copperworks American Single Malt Whiskey Release 045 – July 1, 2022

Brew Data

Barrels 329, 330, 331, 334, 335

- Brew 1 number: 20190321-1 (FV3)
 - Brew date: 03/21/19
 - Malt Bill: 4811 lbs. Skagit Valley Malting NZ151 Malt
 - Brewery: Fremont Brewing
 - Volume in fermentation: 1,900.3 gal
 - Original Gravity: 1.0808
 - Terminal Gravity: 1.009
 - Days in fermentation: 11 days at 70 degrees F.
 - Percent ABV at end of fermentation: 10%
 - Minimum days in cold-conditioning: 7 days
- Brew 2 number: 20190328-1 (FV2)
 - Brew date: 03/28/19
 - Malt Bill: 4789 lbs. Skagit Valley Malting NZ151 Malt
 - Brewery: Fremont Brewing
 - Volume in fermentation: 1,928 gal
 - Original Gravity: 1.0772
 - Terminal Gravity: 1.009
 - Days in fermentation: 11 days at 70 degrees F.
 - Percent ABV at end of fermentation: 9.45%
 - Minimum days in cold-conditioning: 7 days

Barrel 346

- Brew 1 number: 20190428-1 (FV2)
 - Brew date: 03/28/19
 - Malt Bill: 4789 lbs. Skagit Valley Malting NZ151 Malt
 - Brewery: Fremont Brewing
 - Volume in fermentation: 1,928 gal
 - Original Gravity: 1.0772
 - Terminal Gravity: 1.009
 - Days in fermentation: 11 days at 70 degrees F.

- Percent ABV at end of fermentation: 9.45%
- Minimum days in cold-conditioning: 7 days

Barrel 245

- Brew 1 number: 20170921-1 (FV1)
 - Brew date: 09/21/17
 - Malt Bill: 2650 lbs. WA Select Pale, 2650 lbs. Great Western Pale
 - Brewery: Elysian Brewing
 - Volume in fermentation: 1,953 gal
 - Original Gravity: 1.07414
 - Terminal Gravity: 1.0123
 - Days in fermentation: 8 days at 70 degrees F.
 - Percent ABV at end of fermentation: 8.54%
 - Minimum days in cold-conditioning: 52 days

Distillation Data

Barrels 329, 330, 331, 334, 335

- Total # of Wash Distillations: 3
 - Wash Distillation 1 number: 20190408-1
 - Low Wines Yield: 342.27 gal
 - Low Wines ABV: 24%
 - Wash Distillation 2 number: 20190411-1
 - Low Wines Yield: 320.58 gal
 - Low Wines ABV: 24%
 - Wash Distillation 3 number: 20190415-1
 - Low Wines Yield: 330.32 gal
 - Low Wines ABV: 24%
- Total # of Whiskey Distillations: 3
 - Whiskey Distillation 1 number: 20190410-1
 - New make yield: 76.76 gal
 - New make ABV: 67.5%
 - Whiskey Distillation 2 number: 20190412-1
 - New make yield: 114.2 gal
 - New make ABV: 67.5%
 - Whiskey Distillation 3 number: 20190416-1
 - New make yield: 99.91 gal
 - New make ABV: 67.5%

Barrel 346

- Total # of Wash Distillations: 2
 - Wash Distillation 1 number: 20190415-1
 - Low Wines Yield: 330.3 gal
 - Low Wines ABV: 24%
 - Wash Distillation 2 number: 20190417-1
 - Low Wines Yield: 333.58 gal
 - Low Wines ABV: 24%

- Total # of Whiskey Distillations: 2
 - Whiskey Distillation 1 number: 20190419-1
 - New make yield: 113.1 gal
 - New make ABV: 67.49%
 - Whiskey Distillation 2 number: 20190423-1
 - New make yield: 115.29 gal
 - New make ABV: 68.9%

Barrel 245

- Total # of Wash Distillations: 2
 - Wash Distillation 1 number: 20171120-1
 - Low Wines Yield: 320.5 gal
 - Low Wines ABV: 22.65%
 - Wash Distillation 2 number: 20171127-1
 - Low Wines Yield: 319.45 gal
 - Low Wines ABV: 22.7%

- Total # of Whiskey Distillations: 2
 - Whiskey Distillation 1 number: 20171201-1
 - New make yield: 106.5 gal
 - New make ABV: 67.8%
 - Whiskey Distillation 2 number: 20171204-1
 - New make yield: 107.6 gal
 - New make ABV: 67.8%

Maturation Data

- **Barrels 329, 330, 331, 334, 335**
- Barreling date: 04/24/2019
- Proofing date for New Make Whiskey: 04/24/2019
- Barrel entry proof: 115.0 Proof (57.5% ABV)

-
- Cooperage: Canton Cooperage, Lebanon, KY
 - Barrel fill volume in gallons:
 - 329: 52.9
 - 330: 53.4
 - 331: 52.5
 - 334: 53.0
 - 335: 52.6
 - Stave age: 24 Months
 - Stave wood: American White Oak
 - Toast: Heavy Toast, Toasted Head
 - Char: #2
 - Warehouse conditions: ~70 degrees F. Average humidity ~50%
 - Days of maturing, prior to emptying: 1163
 - Exit Volume and Proof:
 - 329: 43.1 @ 117.7
 - 330: 44.1 @ 119.7
 - 331: 45.2 @ 117.3
 - 334: 44.2 @ 117.3
 - 335: 45.3 @ 117.7

- **Barrel 346**

- Barreling date: 05/16/2019
- Proofing date for New Make Whiskey: 04/24/2019
- Barrel entry proof: 114.0 Proof (57.0% ABV)
 - Cooperage: Canton Cooperage, Lebanon, KY
 - Barrel fill volume in gallons: 53.5
 - Stave age: 24 Months
 - Stave wood: American White Oak
 - Toast: Heavy Toast, Toasted Head
 - Char: #2
- Warehouse conditions: ~70 degrees F. Average humidity ~50%
- Days of maturing, prior to emptying: 1,141
- Exit Volume and Proof: 44.69 gal @ 116.4

Barrel 245

- Barreling date: 12/08/2017
- Proofing date for New Make Whiskey: 12/01/2017

- Barrel entry proof: 115.0 Proof (57.5% ABV)
 - Cooperage: Ex-Manzanilla Sherry Butt
 - Barrel fill volume in gallons: 131.4
- Warehouse conditions: ~70 degrees F. Average humidity ~50%
- Days of maturing, prior to emptying: 1,665
- Exit Volume and Proof: 16 gal @ 119.8 proof

Marrying, Proofing, and Bottling Data

- Date barrels emptied: 06/30/2022
- Exit proof: 117.8 Proof (58.9% ABV)
- Proofed for bottling Date: 06/30/2022
- Final proof: 100 proof (50% ABV)
- Bottling Date: 07/01/2022
- Bottles produced for release: 1,720