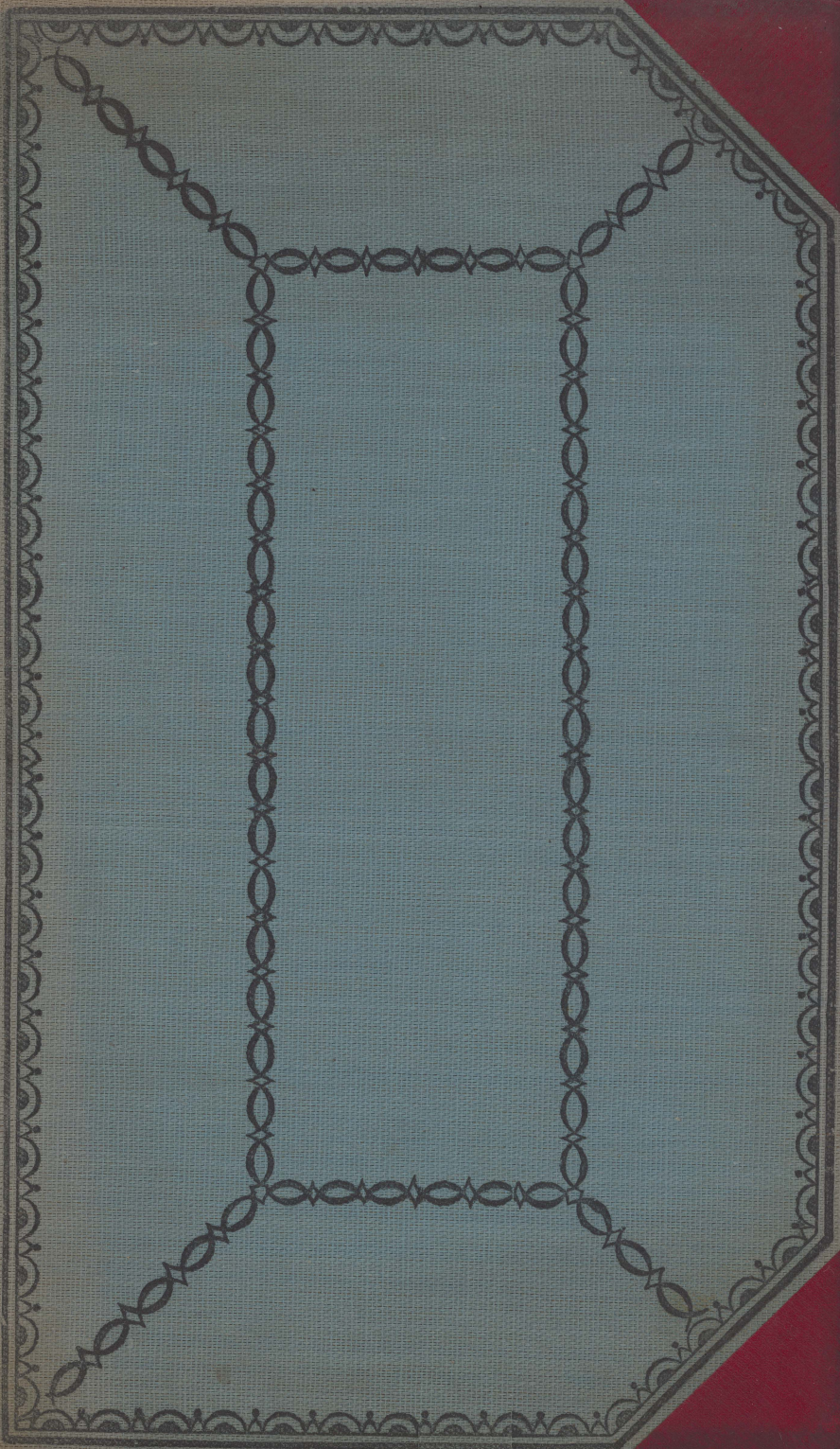


14



Brewing Book.

1934-35

*

ORLAND & SON L.D.

Apr 3, 1934 - Mar. 28, 1935

No. 8 Jun.

Alc.

April 3/34.

Malt - 5000 lbs. C. M. Co.
 Hops - (15 Fuggles⁷² + 10 B.C. S⁷¹ (old); (20 Bar³⁰ + 20 B.C. G³¹ (old); (20 Kents³²) = 85 #
 65 - 6 M - 1.5 K. M. S. - 19t. (2) P.

7 am	Mash - $\frac{148}{38\frac{1}{2}}$	First run - 21.0%
7.52 ..	Undrilt - $\frac{210}{8}$; Steam - 14'	Second .. - 1.3%
8.40 ..	Set Taps; Heat - 155°	Water - 38 $\frac{1}{2}$
	Sparge - $\frac{170}{66\frac{1}{2}}$; Hops - $\frac{170}{2}$	66 $\frac{1}{2}$
		2
		115

In to Cyp.	Out of Cyp.	Balling.
99 $\frac{1}{2}$ Hlls.	- 10 $\frac{1}{2}$ -	89 Hlls.
		13.9%

Least - * 143 Bar (46 lbs. + 1 $\frac{1}{2}$ t.) Air - 14'

Time	Day	Date	Temp	Balling	Remarks.
7.30	2	April 4	60°	13.4%	B. H. - @ 6.
"	3	" 5	67 $\frac{1}{2}$	1.95%	2nd H. - @ -
"	4	" 6	69 $\frac{1}{2}$	3.3%	1st skin @ 7 $\frac{1}{2}$ am
"	5	" 7	66°	2.1%	
"	8	April 10	59°	1.75%	- Racked -

No. 14 Run.

Ale.

April 7/34

Malt - 5000 lb. C. M. Co.

Hops - (15 Fuggles & 10 B.C. St. John); (20 Bam. & 20 B.C. Gyp); (20 Kents) = 85 #

65[°] - 6 M - 1.5 H. M.S. - 19^h - 21 P.

7^{am} Mash - $\frac{145}{39}$
 Underbill - $\frac{210}{7}$; Steam - 14'
 Set Taps; Heat - 155°
 Sparge - $\frac{170}{66}$; Hop - $\frac{170}{2}$

First runs - 21.05?
 Last - 1.4?
 Water - 39
 8
 66
 2
 115

Into Cys. 99 $\frac{1}{2}$ - 10 $\frac{1}{2}$ - Out of Cys. 89 hbls

Balling 14.0?

Least - X143 Brew (46 lbs. + 1 $\frac{1}{2}$ F.)

Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks.
7.30	2	April 5	60°	13.4?	B.H. @ 6.30 am.
"	3	" 6	67°	9.55?	2 lt. @ 11.00 am
"	4	" 7	69 $\frac{1}{2}$ °	3.9?	1 st skin @ 9.45 9.16.
"	8	April 11	57°	1.8?	- Rashed -

No. 10 Run.

Stout.

April 5/34.

Malt - 5000 lbs. C. U. C. + 250 lbs. B. V. Barley.
 Hops - 15^{3/4} Tuggles + 10 B. C. S. K. W. ; 20 Bais + 20 B. C. S. ; 20 Kents = 85 #
 6 S - 6 M - 112 1/2 P - 15 K. W. S - 9. wt - 4; C. wt - 3; S. wt - 2 #

6.58 am - Mash - $\frac{145}{37\frac{1}{2}}$ Underbit - $\frac{20}{8}$; Steam - 14 1/2

Set Taps; Heat - 154°

Gauge - $\frac{170}{67\frac{1}{2}}$; Hg - $\frac{170}{2}$

First run - 21.1?

Last - - 1.5?

Water - 39 1/2

67 1/2

2

117

Into Cys.

101 lbs.

Out of Cys.

-10 -

91 lbs.

Balling.

14.7?

Least - * 144 Ben (46 lbs. + 1 1/2 F.)

Air - 1 1/4

Time	Day	Date	Temp.	Balling	Remarks.
7.30 am	2	April 6	59 1/2°	14.2?	B.H. @ 6 am
" "	3	" 7	67°	10.16?	2 M. @
" "	5	" 9		3.15?	
" "	8	April 12	57°	2.85?	- Racked -

No. 3 Run.

Al.

April 10.

Malt - 5000 lb. C. M. Co.
 Hops - (15³² Pilsner & 10 B. C. ³⁶⁶); (20 Bav. + 20 B. C. ³²); (20 Kent's) = 75^{**}
 GS - 6 M - 1.5 K. M. S. - 1 (GT) P.

7^{am} Mash - $\frac{148}{38}$
 Underbit - $\frac{36}{8}$; Steam - $14\frac{1}{2}$
 Set Taps; Heat - 154°
 Sprays - $\frac{120}{67}$; Hops - $2\frac{1}{4}$

First run - 20.9?
 Last - - 1.5?
 Water - 38
 8
 67
 24
 115 $\frac{1}{4}$

Dents Cop.

- 10 $\frac{1}{2}$ -

Out of Cop.

89

Balling

13.6 $\frac{1}{2}$

Least - 1 Brew

Air - $1\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks
7.30 ^{am}	2	April 11	66 ^o	13.1	B. H. O 6 ^{am}
"	3	" 12	65 $\frac{1}{2}$ ^o	8.6 $\frac{1}{2}$	2 L. O 9 ^{am}
"	4	" 13	67 $\frac{1}{2}$ ^o	3.35 $\frac{1}{2}$	1 st skin @ 6 ^{am}
"	8	<u>April 17</u>	57 ^o	<u>1.9$\frac{1}{2}$</u>	- <u>Rashed</u> -

No. 9 Run.

Sparkling Ale.

April 11.

Malt - 4500 lbs. C. M. Co. \leftarrow
 Hops - (10³² lbs + 5 B. C. (S. G. M.)); (25³⁰ Bar + 10 B. C. (S. G. M.)); (20³⁰ Keas) = 70[#]
 5 S - 6 M - 1.5 K. H. S.

6.58⁷ Mash - $\frac{M}{34}$
 Underb - $\frac{210}{8}$; Steam - 12 $\frac{1}{2}$
 Set Apr; Heat - 155°
 Spang - $\frac{170}{68}$; Hg - $\frac{170}{2}$

First runs - 20.8?
 Last - 1.0?
 Water - 34
 68
 2
 112

In to Cys. Out of Cys. Balling.
 96 lbs. - 10 - 86 12.75?

Least - * 1 Bar (46 lbs + 1 $\frac{1}{2}$ 7.) Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks.
7.30 ⁷	2	April 12	60°	12.05?	B. H. @ 5.30 am
" "	3	" 13	68°	7.65?	2 ¹ h @ 10 ¹⁵ am.
" "	8	<u>April 18</u>	57°	<u>1.6?</u>	<u>— Rashed —</u>

No. 4 run.

Alc.

April 12

Malt - 5000 lb. C. H. G.

Wagon - (15 ³² Truggles + 10³¹ B. C.); (20 ³⁰ Bars + 20 B C Edges); (20 ³⁰ Kents) = 85[#]

6 S - 6 H @ 1.5 K. H. S. - 1st (7) P.

7th = Mash. $\frac{145}{38}$ Mash $\frac{211}{8}$; Steam - 14°Set 7th; Heat - 154°Spray - $\frac{116}{67}$; Hop - $\frac{120}{1}$

First runs - 20.97

Lost - 1.47

Water - 38

8

67

1

114

Into Cps.

99½ lbb.

- 10 -

Out of Cps.

87½

Balling.

13.97

Yeast - * 2 Bar (46 lb. + 1½ 2)

Air - 14°

Time	Day	Date	Temp.	Balling	Remarks.
7:30 ^{am}	2	April 13	60	13.27	B. H. @ 5.30 ^{am}
"	8	April 17	57°	1.65 ⁶⁹	- Reached -

No 8 Run.

Ale.

April 16th

Malt - 5000 lb. C. H. G.

Hops - (15³² Fuggles + 10³² B. C. S.); (20³² B. S. + 20³² B. C. S.); (20³² K. S.) = 85³²6 S - 6 H - 1 S - K. H. S. - 19³² P.

7^{am} Mash - $\frac{148}{39}$
 Underlet - $\frac{210}{8}$; Steam - 14'
 Let Taps; Heat - 154°
 Sprays - $\frac{170}{66}$; Hops - $\frac{170}{2}$

Fright runs - 20.7?
 Lost - 1.3?

Water - 39
 8
 66
 2
 115

Into Cyp.

99 bbl.

- 10 -

Out of Cyp.

89 bbl.

Balling.

14.0?

Least - 1/4 Bush (46 lbs. + 1/2 7.)

Air - 1 1/4'

Time	Day	Date	Temp.	Balling	Remarks
2.30	2	April 17	60 1/2	13.4?	B.H. @ 5 am.
"	3	" 18	62 1/2	8.0?	2 lb. @ 4.30 am
"	4	" 19	"	3.05?	1 st ohm @ 3 am
"	5	" 20	64°	2.0?	
"	8	April 23	57°	1.85?	<u>Reached</u>

No. 10 Run.

Ale.

April 17.th

Malt - 5000 lbs. C. M. Co. (42 bags new car)
 Hops - (15 $\frac{3}{4}$ lbs + 10 B. C.); (20 B. C. + 20 B. C. 9 lb); (20 Kents) = 85^{lb}
 60 S^g - 6 M^g - 1.5 K. M. S. - 1 qt^W.

7^{am} Mash - $\frac{45}{40}$
 Underb^t - $\frac{20}{8}$; Steam - 14'
 Set Taps, Heat - 155'
 Sparge - $\frac{170}{65\frac{1}{2}}$; Hop - $\frac{170}{2}$

First run - 20.5?
 Last " - 1.6?
 Water - 40
 8
 65 $\frac{1}{2}$
 2
 115 $\frac{1}{2}$

In to Cys. Out of Cys. Belling.
 99 $\frac{1}{2}$ lbs. - 10 $\frac{1}{4}$ - 89 $\frac{1}{4}$ lbs 13.97

Least - * 4 Brew (46 lbs. + 1 $\frac{1}{2}$ F.) Air - 1 $\frac{1}{4}$ '

Time	Day	Date	Temp.	Belling	Remarks.
7.30 ^{am}	2	April 18	60°	13.35 ^{am}	3. H. C. 6. ¹⁵
"	3	" 19	68 $\frac{1}{2}$	9.15 ^{am}	2 lt. @
"	4	" 20	67 $\frac{1}{2}$	3.85 ^{am}	1 st skw @ 6 ^{am}
"	8	<u>April 24</u>	57°	<u>2.17^{am}</u> -	<u>Rashed</u> -

No. 77m.

Alc.

April 18.th

Malt - 5000 lbs. C. M. Co.

2 Taps - (57³⁰ gals + 10 B.C. S. J. J.); (20 B. S. + 20 B. C. J. J.); (20 Kents) = 85*

W.S. - 6 M. U. 5 K. M. S. - 19t (-) P.

6.58^{am} Mash - $\frac{148}{37\frac{1}{2}}$ Mash - $\frac{210}{8}$; Steam - 13

Set Taps; Heat - 154°

Spray - $\frac{170}{67\frac{1}{2}}$; Hgo - $\frac{170}{2}$

First runs - 20.95?

Last - 1.22

Water - 37 $\frac{1}{2}$

8

67 $\frac{1}{2}$

2

115

Into Cys.

99 lbs.

Out of Cys.

- 10 $\frac{1}{2}$ - 88 $\frac{1}{2}$ lbs.

Balling.

13.7?

Yeast - * 5 Buns (46 lbs. + 1 $\frac{1}{2}$ 7).Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks
7.30 ^{am}	2	April 19	60 $\frac{1}{2}$ °	13.15?	B. H @ 5 ⁴⁵ am
"	3	" 20	69 $\frac{1}{2}$ ° 55	8.25?	2 lt. @ 5 ⁴⁵ am
"	4	" 21	69 $\frac{1}{2}$ °	3.35?	1 st skin @ 4 am
"	8	April 25.	57°	1.95?	- Rashed -

No. 37^{am}

Stout.

April 19/34

Malt - 5000 lb. C. M. Co. & 250 lb. B. Barley.
 Hops - (15 Fuggles & 10 B.C.); (20 Barro & 20 B. C. Galt); (20 Kent) = 85[#]
 S - 6 M. S., 15 K. M. S.; G. root - 4[#]; C. root - 3[#]; S. root - 2[#].

7^{am} Mash - $\frac{14\frac{1}{2}}{40\frac{1}{2}}$
 Underlet - $\frac{20}{8}$; Steam - 14'
 Set Taps; Heat - 154°
 Sparge - $\frac{120}{67}$; Hops - $\frac{170}{2}$

First run - 21.3?
 Last - 14?
 Water - 40 $\frac{1}{2}$
 8
 67
 2
 117 $\frac{1}{2}$

In to Cys.

101 $\frac{1}{2}$

-10-

Out of Cys.

97 $\frac{1}{2}$ lbs.

Balling

14.6 $\frac{1}{2}$ Yeast - * 6 Brew (46 lbs. + 1 $\frac{1}{2}$ t.)Aw - 14 $\frac{1}{2}$

Time	Day	Date	Temp	Balling	Remarks
1.30 ^{am}	2	April 20	66 $\frac{1}{2}$	14.15 ⁹	B. H. @ 5.45 ^{am}
" "	3	" 21	65 $\frac{1}{2}$	9.8 ⁷	2 nd t. @ 9 ^{am}
" "	8	April 26	57'	27.5 ⁷	- Racked -

No. 3 run.

Al.

May 7th

Malt - 5000 lbs. C. M. Co.

Hops - (15⁵⁰ Fuggles + 10 B.C.); (20⁵⁰ Stars + 20 B.C. Gg.); (20⁵² Kent) = 85th

W.S. - 6 lb. - 1.5 K. M. S. - 1 qt (2) P.

6.55

Mash - $\frac{14F}{39}$
 Underlet - $\frac{210}{8}$; Steam - 13¹
 Set Taps; Heat - 15⁵
 Gauge - $\frac{170}{66}$; Hvy. - $\frac{170}{1}$

First run - 21.85°

Last - 1.87°

Water - 39

8

66

1

114

Dut. Cap.

99 lbs.

Out of Cap.

89 lbs.

Balling -

13.9%

yeast - Keith. (46 lbs. + 1 1/2 F.)

Air - 1 1/4

Time	Day	Date	Temp.	Balling	Remarks
7.51 ^{am}	2	May 8	59 3/4	13.6%	B.H. @ 7 ^{am}
6 P.M.		8	61 1/2	12.8%	
7.38 ^{am}	3	" 9	67°	9.5%	Dut. 0
7.30 ^{am}	4	" 10	69 1/2	3.5%	1 st skin @ 7.50
"	5	" 11	66°	2.05%	- 1
"	8	<u>May 14</u>	57°	1.7%	- Rashed -

The above is the first brew to be mashed in tub since Monel metalling sides and bottom of mash tub.

No 7 Inn.

Sparkling Ale.

May 8th

Malt - 45.00 lbs. C. M. Co.
 Hops - (15 Fuggles³³); (25 Baw³³ + 10 B. l. Gdys³³); (20 Kenk³¹) = 70[#]
 15.5 - 6 M 1.5 K.M.S

7^{ans} Mash - $\frac{48}{36}$ Mundelut - $\frac{20}{8}$; Steam - 12'

Eff Temp; Heat - 155°

Sparg - $\frac{170}{65}$; top - 1

Mistruns - 19.97

Lost .. - 1.657

Water - 36

8

65

110

Into Cg.

95 $\frac{1}{2}$ lbs.

Out of Cg.

-10 $\frac{1}{2}$ → 85 $\frac{1}{2}$ lbs.

Balling.

12.87

Yeast - Keith, (46 lbs. + 1 $\frac{1}{2}$ F.)Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks
7.30	2	May 9	66°	12.157	B. l. @ 6 $\frac{1}{2}$ w
7.45	3	10	68°	7.67	In l. t. c
" "	4	11	69 $\frac{1}{2}$ °	2.557	
" "	8	May 15	57°	1.877	- Racked -

No. 87 m.

Alle

May 9/34.

Malt - 5000 lbs. C. M. Co.

* Dyes - (25 ³² Fugler); (20 ³⁰ Bars + 20 B. ³⁵ Pfls); (20 ³¹ Kent) = 85[#]
 6 S - 6 M - 9.5 K. M. S. - 19 (ϕ) P.

6.57^{am} Mash - $\frac{145}{40}$ Undilut - $\frac{30}{8}$; Steam - $13\frac{1}{2}$ Let Temp. Heat - 154° Sponge - $\frac{170}{65}$ Stg - $\frac{170}{2}$ First run - 20.15[?]Last " - 1.75[?]

Water - 40

8

65

2

115

Into Cyp.

99 lbs.

Out of Cyp.

98 $\frac{1}{2}$

Balling.

13.8[?]Yeast - Keith (46 lbs. + $1\frac{1}{2}$ F.)Aw - $1\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks.
7.30 ^{am}	2	May 10	60°	13.15 [?]	B.H. @ 5.40 ^{am}
"	3	" 11	68°	8.9 [?]	2 lb. @ 10 ^{am}
"	4	" 12	69 $\frac{1}{2}$	3.5 [?]	1 st skin @ 5 ^{am}
"	8	<u>May 16</u>	57°	<u>1.9[?]</u>	<u>- Racked -</u>

No. 97m.

Ale.

May 10/34

Malt - 5000 lb. C. M. Co. ³⁵
 Hops - (25 Fuggles); (20 Bar³⁰ & 20 B. C. G. G.); (20³² Kuhl) = 85*
 BS - 6M - 9.5 - K. M. S - 19f(2) P.

7^{am} Mash - $\frac{14\frac{1}{2}}{40}$ First runs - 20.3?
 7.48 .. Underhit - $\frac{370}{8}$; Steam - 13% Last - 1.72
 8.40 .. Set Taps; Heat - 154° Water - 40
 Sponge - $\frac{170}{64\frac{1}{2}}$; H₂O - $\frac{170}{1}$ 64 $\frac{1}{2}$
 1

Inlet Cys. 98 $\frac{3}{4}$ hll. - 9 $\frac{3}{4}$ - Out of Cys. 89 hlls. Billing 13.9?

Least - Keiths (46 lb. + 1 $\frac{1}{2}$ 7.) Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp	Billing	Remarks
7.30 ^{am}	2	May 11	60°	13.3?	B. H. @ 6 ^{am}
.	8	May 17	57°	1.95?	- Racked -

No. 10 Jun.

Stout.

May 11/34

Malt - 5000 lbs. C. M. Co. & 250 lbs. B. B. B. ³¹
 Hops - (25 ³³ kgals), (20 ³⁰ Bars. & 20 ³⁰ B. C. Hops); (20 ³¹ Hops) = 85 #
 W.S. - 6 M. S. 1.5 K. M. S. - ~~79/121~~ 112½ lbs. P, 9 root #
 C. root - 3 #; L. root - 2 #

7 am

Mash - $\frac{140}{41\frac{1}{2}}$
 Underlet - $\frac{210}{8}$; Steam - $14\frac{1}{2}$
 Set Taps; Heat - 154°
 Sparge - $\frac{170}{65\frac{1}{2}}$; Hops - $\frac{170}{2}$

First runs - 20.6
 Lost - 1.95
 Water - 41½
 8
 65½
 2
 117

Intr Cop. 10 Chlls. - 10 - Out of Cop. 9 Chlls.

Belling 14.7

Yeast - 11 Buns (46 lbs. + 1½ T.) Air - 14

Time	Day	Date	Temp.	Belling	Remarks
1.30 am	2	May 18	57°	2.9%	Rashed -

No. 4 Run.

Ale.

May 14. ⁴

Malt - 5000 lbs C. M. Co.
 Hops - (25 ³³ Fuggle); (20 ³⁰ Bavaria) 20 B. C. Idja; (20 Kent) = 85*
 BS - 6 M - 1.5 K. M. S. - 19 (2) P.

6.55 Mash - $\frac{145}{40}$
 Malt - $\frac{210}{8}$; Steam - 13 1/2
 Set Taps; Heat - 154°
 Gauge - $\frac{120}{63 1/2}$; Hy - $\frac{120}{2}$

First run - 20.75?

Last " - 2.17

Water - 40

8

63 1/2

2

113 1/2

In Gg.
98 1/2

- 10 -

Out of Gg.
88Balling.
13.7?

Yeast - * 11 Brin (46 lbs + 1 1/2 P.)

Air - 1 1/4

Time	Day	Date	Temp.	Balling	Remarks.
7.41 am	2	May 15	60 1/2 ° L	13.3?	BH @ 5.31 am
" "	3	" 16	69 1/4 "	8.5?	2 ft @ 8.18 am
" "	4	" 17	69 1/2 °	3.25?	1st skin @ 5 am
" "	8	May 21	57°	1.85?	- Racked -

No. 37 un.

Ale.

May 15th 1934

Malt - 5000 lb. C. M. Co. + 150 lb. surplus.
 Hops - (25 Fuggles³³); (20 Bav³³ + 20 B.C. Gls³³); (20 Kent³³) = 95th
 W.S. - 6 M. S. 1.5 K. N. S. - 17(7) P.

6.56^{am} Mash - $\frac{148}{47}$
 Underlet - $\frac{210}{8}$
 Set Taps; Heat - 155°
 Gauge - $\frac{170}{64}$; Hops - $\frac{170}{2}$

First runs - 21.0?
 Last - 19.9
 Water - $\frac{41}{8}$
 64
 2
 118

Into Cyp.
 98 $\frac{1}{2}$ hbl.

Out of Cyp.
 - 10 $\frac{1}{4}$ - 88 $\frac{1}{4}$ hbl.

Bolling.
 14.2

Least - 12 Brew (46 lb. + 1 $\frac{1}{2}$ 7.)

Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Bolling	Remark
7.30 ^{am}	2	May 16	68 $\frac{1}{4}$ °	13.75	B.H. @ 5.30 ^{am}
" "	3	" 17	69°	9.35	In lt. @ 9 ^{am}
" "	4	" 18	69 $\frac{1}{2}$ °	3.97	1 st skim @ 9 ^{am}
" "	8	<u>May 22</u>	57°	2.17	<u>Racked</u>

No. 7 Tun

Ale.

May 16/1934

Malt - 5000 lbs. C. M. G. + 1007 lbs. Samples.
 Hops - (25 Fuggles); (20 Bars); (20 B. O. plgs.); (20/cent) = 85[¢]
 6[¢] - 6 M - N. K. M. S. - 1 of (2) P.

7 am Mash - $\frac{148}{41}$
 Underlet - $\frac{310}{8}$; Steam - $14\frac{1}{2}$
 Set Taps; Heat - 154°
 Sparge - $\frac{171}{64\frac{1}{2}}$; H₂O - $\frac{124}{24}$

First runs - 20.77
 Last - 2.07

Water - 41
 8
 64 $\frac{1}{2}$
 2 $\frac{1}{4}$
 115 $\frac{1}{4}$

Sub. Cop. 99 lbs. - $10\frac{1}{4}$ -
 Out of Cop. 87 $\frac{3}{4}$ lbs.

Balling. 14.07

Yeast - $\frac{1}{3}$ Brew (46 lbs. + $1\frac{1}{2}$ 7.)

Air - $1\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks.
1.30 am	2	May 17	68°	13.67	B.H. @ 6.30 am
	3	" 18	67°	9.77	L.H. @
	4	" 19	69 $\frac{1}{2}$	4.157	1 $\frac{1}{2}$ skin @ 11.30 am
	8	May 23	57°	2.07	- Rashed -

No. 8 Jun.

Ale.

May 17/34

Malt - 5000 lbs C. M. Co. + $\frac{3}{4}$ bag surplus.
 Hops - (15 B.P. + 10 Fuggles), (20 Bas. + 20 B.P. 2 $\frac{1}{2}$), (20 Kelt) = 85
 W.S. - 6 M - 1.5 K. M.S. ; 19t (?) P.

Mash - $\frac{148}{40\frac{1}{2}}$
 Muddled - $\frac{240}{8}$; Steam - 14'
 Set Taps; Heat - 155'
 Sparge - $\frac{170}{64\frac{1}{2}}$; Hot - $\frac{170}{2}$

First run - 21.1?
 Last " - 1.5?
 Water - $\frac{40\frac{1}{2}}{8}$
 $\frac{64\frac{1}{2}}{2}$
 115

Inls Cps. Out of Cps. Balling.
 99 lbs. - 11 - 88 lbs. 14.7?

Heat - * 97un. (46 lbs. + $\frac{1}{2}$ F.) Air - 14'

Time	Day	Date	Temp.	Balling	Remarks.
7.30 ^{am}	2	May 18	60'	13.7?	B.H @ 6 ^{am}
" "	3	" 19	67 $\frac{1}{2}$	9.85?	2 lt. @ 11 ¹⁵
" "	5	" 21	68 $\frac{1}{2}$	2.8?	
" "	8	<u>May 25</u>	57'	2.05?	- Racked -

No. 9 Jun.

Ale.

May 18/31

Malt - 5000 lbs. C. M. Co.

Hops - (15 B.C. & 10 Tuggles); (20 Bav. & 20 B.C. Hops); (20 Kent) = 85

65 - 6 M - 1.5 K. M. S - 1 qt > P.

6.59^{am} Mash - $\frac{141}{37}$
 7.52 .. Sudbit - $\frac{2100}{8}$; Steam - $12\frac{3}{4}$
 8.38 .. Set Taps, Heat - 154°
 Sponge - $\frac{170}{65\%}$; Hops - $\frac{170}{2\frac{1}{2}}$

First runs - 21.45% Last .. - 15% Water - $37\frac{1}{2}$ 65 $\frac{1}{2}$

22

115

Ditto Cps.

99 hls.

- 11 -

Out of Cps.

88 hls.

Ballings.

14.0%

Yeast - #14 Brew (46 lbs. + $1\frac{1}{2}$ T.)Air - $14\frac{1}{2}$

Time	Day	Date	Temp.	Ballings	Remarks.
7.30 ^{am}	2	May 19	60°	13.55%	B.H. @ 6.30 ^{am}
"	4	" 21	69°	4.3%	
"	8	May 25	57°	1.8%	- Racked -

No. 16 Run.

Ale. (New Cat)

May 21st

Malt - 5000 lbs. C. M. Co. ³⁰ ³³ ³² ³²
 Hops - (15 B.C. ³³ + 10 Tuggles ³³); (20 B.C. ³³ + 20 B.C. ³³); (20 Kents ³²) = 85⁺
 6S - 6 M - 1.5 K. W. S. - 19 (2) P.

5.57^{am} Mash - $\frac{145}{37}$
 6.50 .. Herbult - $\frac{210}{8}$; Steam 13'
 7.35 .. Set Taps: Heat - 156°
 Herbult Sparge - $\frac{170}{68\frac{1}{2}}$; Hops - $\frac{110}{2\frac{1}{4}}$

First runs - 21.9%
 Last .. -

Water - 37
 8
 68 $\frac{1}{2}$
 24
 115 $\frac{1}{4}$

Dut. Gp.

Undy Gp.

Balling.

100 $\frac{1}{2}$ lbs. - 11 - 88 $\frac{1}{2}$ lbs

13.9%

Leak - *16 Brew (46 lbs. + 1 $\frac{1}{2}$ F.)

Air - 1 $\frac{1}{4}$ '

Time Day Date Temp. Balling Remarks.

7.50^{am} 8 May 28 57° 2.1% - Racked -
 B.C. @ 5.15^{am}

Due to fact that the brew boiled poorly in the copper, apparently because of some misbehaviour of steam line, the brew was boiled an extra twenty-five minutes before the addition of the last hops.

No. 4 Run.

Ale.

May 21/54

Malt - 5000 lbs. C. M. Co.
 Hops - (15 B.C. ³⁶ + 10 ³³); (20 B.C. ³⁰ + 20 B.C. ³³) (20 K. ³¹) = 95
 (S - 6 M - 1.5 K. M.S. - 19 P. (2))

12.13 PM	Mash - $\frac{148}{38}$	First run - 21.37
1.05	Unbult - $\frac{20}{8}$; Steam - 11 $\frac{3}{4}$	Last - 1.35
1.40	St. Taps; Heat - 154°	Water - 38
	Sprague - $\frac{120}{69}$; Hops - $\frac{120}{2}$	8
		69
		2
		117

In to C.	Out of C.	Balling
100 $\frac{1}{2}$ lbs. - 10-	90 $\frac{1}{2}$	13.9%

Heat - * 17 Brew (46 lbs. + 1 $\frac{1}{2}$ 7.) Air - 14°

Time	Day	Date	Temp.	Balling	Remarks.
7.50 AM	8	<u>May 28</u>	57°	2.17	B.H. @ 11 AM. - <u>Rochest</u> -

No. 3 Jun.

Be.

May 22/54

Malt - 5000 lbs. C. M. Co.
 Hops - (15 B. C. + 10 F. ³⁵); (20 B. ³⁰ + 20 B. C. ³²); (20 Kents) = 85 #
 G.S. - 6 H. - 1.5 W. H. S. - 1 (6) P.

6.57 Mash - $\frac{1475}{372}$
 7.35 " Under - $\frac{210}{8}$; Steam - 12'
 8.32. Set Taps; Heat - 105'
 Sparge - $\frac{110}{692}$; Hot - $\frac{170}{1}$

First run - 21.8?
 Last " - 1.0?
 Water - 37 1/2
 8 1/2
 1
 116

Inlet Cys. Out of Cys. Balling
 101 - 10 1/2 - 90 1/2 13.8?

Least - * 17 Brew (416 lbs + 1 1/2) Air - 1 1/4

Time	Day	Date	Temp.	Balling	Remarks
7.30	2	May 28	68°	13.3?	B. H. @ 5. ^{am}
	8	May 29	57°	1.85?	- Racked -

No. 7 run.

Sparkling Ale.

May 23rd

Malt - 4500 lbs. C. M. Co.

Hops - (15 Fuggles); (25 Bav. + 10 B. C. Gals); (20 Kent) = 70 #

B.S. - 6 lb. - 1.5 K. M. S.

6.58^{am} Mash - $\frac{145}{33\frac{1}{2}}$ 7.48 - Underlet - $\frac{30}{8}$; Steam - $9\frac{1}{2}$ 8.32 - Set taps; Heat - $15\frac{1}{2}$ Sparge - $\frac{17\frac{1}{2}}{6\frac{1}{2}}$; Hops - $\frac{170}{7}$

First run - 21.3%

2nd run - 1.25%Water - $33\frac{1}{2}$

8

68 $\frac{1}{2}$

111

Dut. Co.

97 lbs.

- 10 -

Out of Corn

87 lbs.

Balling.

13.1%

Yeast - *18 Brew (45 lbs. + $1\frac{1}{2}$ F.)Air - $1\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks.
7.30 ^{am}	80	May 30	58°	1.5%	- Racked -

No. 8 Run

Ale.

May 25th

Malt - 5000 lbs. C. M. Co. ³³ ³² th
 Hops - (15th ³³ ³² th + 10th ³³ ³² th C. S.); (20th ³³ ³² th Bavo. + 20th ³³ ³² th B. C. Hops); (20th ³³ ³² th Kants) = 85
 S - 6 lb - 1.5 K. M. S. - 1 qt (2) P.

7 am	Mash - $\frac{145}{39}$	First run - 21.55 th
7.52.	Unbuilt - $\frac{2/2$; Steam - 10 1/2	Loss - 1.17.
8.33.	Set Hops; Heat 154°	Water - 38
	Spurge - $\frac{170}{69}$; Hops - $\frac{170}{2}$	6 1/2
		117

Inlet Cyp.	Out of Cyp.	Balling.
100 1/2 lbs. - 10 -	90 1/2 lbs.	13.85 th

Yeast - * 20 Brew (46 lbs. + 1 1/2 Z)	Air - 14
---------------------------------------	----------

Time	Day	Date	Temp.	Balling	Remarks
9.30 ^{am}	3	May 27	69 1/2°	5.3 th	
7.30 ^{am}	4	" 28	"	3.65 th	1st skimo @ 7.50 ^{am}
"	8	June 1	57°	1.8 th	- Racked -

No. 9 Run.

Alc. May 28

Malt - 5000 lbs. C. M. Co.
 Hops - (15 Fuggles + 10 B.C.)³³; (20 Bav. + 20 B.C. Fugg.)³³; (20 Kent)³² = 85^{##}
 68 - 6 M - 1.5 K. U. S. - 1 qt. O. P.

6.59^{am} Mash - $\frac{148}{38}$
 7.19 " Hyd. lbt - $\frac{311}{8}$; Steam - 10 1/2
 8.34 " Set Top; Heat - 11 1/2
 Sparge - $\frac{150}{69}$; Hops - $\frac{121}{1}$

First run - 21.5%
 Last - 1.2%
 Water - 38
 8
 69
 1
 116

28 Cyn. Out of Cyn. Balling.
 100 lb. lll. - 10 - 70 1/2 13.8%

Least - #24 Brew (46 lbs. + 1 1/2 F.) Air - 1 1/4

Time	Day	Date	Temp.	Balling	Remarks
7.30 ^{am}	2	May 29	68°	13.35%	B. N. @ 6 ^{am}
"	3	" 30	69°	9.1%	In lt. @ 8.45 ^{am}
"	4	" 31	69 1/2°	3.95%	
"	6	June 2	61°	2.05%	
"	9	June 5	57°	1.85%	<u>Racked</u>

No. 10^{am}

Ale.

May 29th

Malt - 5000 lbs. C. M. Co.
 Hops - (15³³ Tingles + 10³³ B.C.); (20³⁰ Brew + 20³⁰ B.C. Hops); (20³² Kent) = 85
 6⁵ - 6 Malt 1.5 K. U. S. - 1st P. (2)

6.56^{am} Wash - $\frac{148}{37\frac{1}{2}}$
 7.46. Underlet - $\frac{310}{8}$; Steam - 10
 8.28. Set 7 ym. Heat 154
 Sponge - $\frac{120}{69\frac{1}{2}}$; Hop - $\frac{120}{24}$

First run - 21.35^{1/2}
 Last - 1.25^{1/2}

Water - 37^{1/2}
 8
 69^{1/2}
 24
 1174

Inlet Gp. 100^{1/2} lbs. - 10^{1/2} - Outlet Gp. 90 lbs.

Balling 14.0%

Yeast - 24 Brew (46 lbs. + 1^{1/2} 7.)

Air - 1^{1/4}

Time	Day	Date	Temp.	Balling	Remarks
7.30 ^{am}	2	May 31	67°	13.4%	B.H. @ 5.30 ^{am}
"	3	" 31	69 ^{1/2} °	9.05%	Sett. @ 7.45 ^{am}
"	4	June 1	69 ^{1/2} °	4.05%	1 st skim @ 10 ^{30am}
"	5	" 2	67°	2.5%	
"	8	June 5	57°	1.85%	2 nd Racked -

No 3 run.

Stout.

May 30th

Malt - 5000 lbs. C. M. Co.
 Hops - (15 Puggles + 10 B.C.), (20 Bars + 20 B.C. 9/16), (20 Lard) = 85[#]
 G.S. - 6 M - 115 K. U.S. - 112 1/2 P. - G. root - 4[#]; C. root - 3[#];
 L. root - 2[#]

6.53^{am} Mash - $\frac{145}{39}$
 7.46 " Underlet - $\frac{310}{8}$; Steam - 11
 8.30 " Set Pipes; Heat - 154
 Sprays - $\frac{170}{69}$; Hrp - $\frac{170}{2}$

First runs - 21.45^g
 Last " - 1.25^g
 Water - 39
 8
 69
 2
 118

Into Cops.

102 hls. - 9-

Out of Cops.

93 hls.

Balling

14.65^g

Yeast * 23 Brew (46 lbs. + 1 1/2 T.)

Air - 14

Time	Day	Date	Temp.	Balling	Remarks.
7.30 ^{am}	2	May 31	66°	14.2 ^g	B. 406 ^{am}
"	3	June 1	68°	10.45 ^g	2 h. @
"	4	" 2	69 1/2°	5.6 ^g	1 1/2 skin @
"	8	June 6	57 1/2°	2.85 ^g	- Racked -

No. 4 Tun

Ale.

May 31st

Malt - 5000 lbs. C. M. Co. ¹³⁰
 Hops - (15 ³³ Tingles & 10 B. C.), (20 ³³ Baro. & 20 B. C. ³³ Gyp.), (20 ³³ Kent) = 85[#]
 B - 6 M - 1.5 K. U. S. - 19 t. P.

6.56^{am} Mash - $\frac{145}{37\frac{1}{2}}$
 Underlight - $\frac{310}{8}$; Steam - 10'
 Set Taps; Heat - 154°
 Sprays - $\frac{170}{6\frac{1}{2}}$; Hops - $\frac{170}{2}$

First runs - 21.7⁰
 Last - 1.3⁰
 Water - 37 $\frac{1}{2}$
 8
 69 $\frac{1}{2}$
 2
 117

Into Cyp. 101 lbs. - 10 $\frac{1}{4}$ -
 Out of Cyp. 90 $\frac{3}{4}$ lbs.

Balling 13.8⁹

Yeast - 1 1/2 23 & 24 Brews.

Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks.
7.50 ^{am}	2	June 1	60°	13.2 ⁹	B. H. @ 6.30 ^{am}
"	3	" 2	67 $\frac{1}{2}$	9.45 ⁹	In H. @ 11.45 ^{am}
"	4	June 7	57°	1.85 ⁹	- Racked -

No. 7 Run.

Ale.

June 1st

Malt - 5000 lbs. C. M. C.
 Hops - (15 ³³Fuggles + 10 B.C.); (20 ³⁰Paw. + 20 B.C. ³³); (20 ³²Keats) - 15[#]
 G.S. - 6 M - 1.5 K. N.S. - 1 1/2 P.

7^{am} Mash - $\frac{145}{36}$
 7.51. Unbolt - $\frac{270}{8}$; Steam - 9 3/4
 8.34. Set Taps; Heat - 154°
 Sparge - $\frac{170}{68 \frac{1}{2}}$; H₂O - $\frac{170}{2 \frac{1}{2}}$

First run - 21.5%
 Last " - 14.5%
 Water - 38
 68 1/2
 2 1/2
 116 3/4

Into Coy. 100 1/2 lbs. - 10 3/4 - Out of Coy. 89 3/4 lbs.

Balling
 14.05%

Yeast - * 25 Brew (46 lbs. + 1 1/2 7.)

Air - 1 1/4

Time	Day	Date	Temp.	Balling	Remarks:
7.30 ^{am}	2	June 2	60°	13.55%	B. H. @ 6.30 ^{am}
"	8	June 8	57°	1.85%	- Racked -

No. 8 Jun.

Ale.

June 5th

*

Malt - 5000 lbs. C. M. C. (New Car)
 Hops - (15 Fuggles + 10 B.C.); (20 Bais + 20 B.C. (Hops)); (20 Kent) = 85^{lb}.
 W.S. - 6 M - 1.5 K.M.S. - 19t (2) P.

5:58^{am} Mash - $\frac{176}{58}$
 Underlet - $\frac{210}{8}$; Steam - 9'
 Set Taps; Heat - 154°
 Sprays - $\frac{170}{68}$; Hyg - $\frac{170}{2}$

First run - 21.37
 Last - 1.17
 Water - 38
 6
 68½
 2
 116½

Inlet Cyp. 100^{lb} hbl. - 10½ (4) - Out of Cyp. 90 hbl. Balling 13.97

Yeast - * 26 Brew (46 hbl + 1½ t) Air - 1¼

Time	Day	Date	Temp.	Balling	Remarks
7:50 ^{am}	2	June 6	60°	13.257	B.H @ 6 ^{am}
"	3	" 7	69½°	8.757	2 H @ 7 ^{am}
"	4	" 8	"	3.457	Skimmed @ 6 ^{am}
"	5	" 9	66°	2.27	
"	8	June 12	59°	1.87	- Racked -

No. 9 Tun.

Ale.

June 5th

Malt - 5000 lbs. C.M.C.

Hops - (15³³ Fuggles + 10³⁰ B.C.); (20³³ Baro. + 20³² B.C. 99); (20³² Kurt) = 85[#]

W.S. - 6 M + 1.5 K.M.S. - 19 (V.P.)

12.05^{am} Mash - $\frac{45}{38}$ 12.45^{PM} ~~12.45~~ Mchdt - $\frac{30}{8}$; Steam - $8\frac{3}{4}$ 1.35^{am} Set Tap; Heat - 154° Spurge - $\frac{20}{68\frac{1}{2}}$; Hop - $\frac{17}{1}$

First run - 20.77

Last " - 1.257

Water - 38

8

68 $\frac{1}{2}$

2

116 $\frac{1}{2}$

In to Cap.

Out of Cap.

Balling.

100 $\frac{1}{4}$ lbs.- $9\frac{3}{4}$ -90 $\frac{3}{4}$

13.67

Yeast - *26 Brew 46 lbs + 1 $\frac{1}{2}$ F)Air - 1 $\frac{1}{2}$

Time	Day	Date	Temp.	Balling	Remarks.
7.30 ^{am}	2	June 7	60 ^o	10.57	11.30 am - B.H.
	3	" 8	65 $\frac{1}{2}$	4.157	2 lt. @ -
	4	" 9	69 $\frac{1}{2}$	2.157	1 st skim @ 11. am
	8	June 12	67 $\frac{1}{2}$	1.77	- Racked -
			57 ^o		

No. 10 Run.

Ale.

June 6/34

Malt - 5000 lbs. C. M. Co.
 Hops - (15³³ Juggles + 10³³ B. C.); (20 Bav. + 20 B. C. Glys); (20 Kent.) = 85[#]
 G.S. - 6 M - 1.5 K. M. S. - 1 qt (2) P.

7^{am} Mash - $\frac{148}{37}$
 7.51 .. Underlet - $\frac{310}{8}$; Steam - 9'
 8.33^t Set Hops; Heat - 15.4
 Sprage - $\frac{170}{68\frac{1}{2}}$; Hops - $\frac{170}{\frac{1}{2}}$

First runs - 20.9?
 Last .. - 1.4?
 Water - 38
 8
 68 $\frac{1}{2}$
 $\frac{1}{2}$
 115

In to Cop. Out of Cop. Balling
 100 $\frac{1}{2}$ lbs. - 10 $\frac{1}{4}$ - 90 $\frac{1}{4}$ lbs. 13.75?

Yeast - #27 Brew (4 lbs. + 1 $\frac{1}{2}$ F.) Air - 1 $\frac{1}{4}$ '

Time	Day	Date	Temp.	Balling.	Remarks
7.30 ^{am}	2	June 7	68°	13.15?	B.H. @ 6 ¹⁵ am
"	3	" 8	68°	9.95?	D. H. @ 10 ^{am}
"	4	" 9	69 $\frac{1}{2}$ °	3.6?	1 st skin @ 8 ^{am}
"	8	June 13	57°	1.75?	- Racked -

No. 3 Tun.

Ale.

June 7/34

Malt - 5000 lbs. C. M. Co.
 Hops - (15³³ Fuggles + 10³³ B. C.) ; (20³⁰ Bars + 20³³ B. C. Gals.) ; (20³² Keats) = 85[#]
 6⁶⁵ S - 6⁶ M - 1.5 K. M. S. - 1⁹ P.

6.51^{am} Mash - $\frac{148}{37\frac{1}{2}}$
 7.53 " M. dublt - $\frac{210}{8}$, Steam - 9'
 8.33 " Set Paps, Heat - 154°
 Sparge - $\frac{170}{6\frac{1}{2}}$; H₂O - $\frac{170}{1}$

First runs -
 Last " -
 Water - $3\frac{1}{2}$
 $\frac{8}{8}$
 $6\frac{1}{2}$
 $\frac{1}{1}$
 116

Into Cys. Out of Cys. Balling.
 100 lbs. -10- 90 lbs. 13.77

Yeast - * 28 Brew (46 lbs. + 1 $\frac{1}{2}$ T.) Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks.
7.30 ^{am}	2	June 8	60°	13.29	B. H. O 6. ⁴⁵
"	3	" 9	67°	9.47	2 H. C -
"	4	June 14	57°	1.75 ⁹	<u>Racked</u>

No. 47m.

Alb.

June 8/34

Malt - 5000 lb. C. M. G.
 Hops - (15 ¹³³ Tuggles + 10 ³³ V. C.), (20 ³⁰ Brew + 20 ³⁰ B. C. Hops); (20 ³² Kent) = 85⁴⁴
 6S - 6M 15 K. U. S. - 19 (6) P.

6.58^{am} Mash - $\frac{148^{\circ}}{37\frac{1}{2}}$
 7.53. Updribt - $\frac{210^{\circ}}{8}$; Steam - $9\frac{1}{4}$
 8.33. Set Taps; Heat - 154°
 Sparge - $\frac{170^{\circ}}{68}$; Hop - $\frac{176^{\circ}}{2}$

First run - 21.15?
 Last " - 1.45?
 Water - $37\frac{1}{2}$
 8
 68
 2
 115 $\frac{1}{2}$

In Cop.
 99 $\frac{3}{4}$

Out of Cop.
 -10 $\frac{2}{4}$ - 88 $\frac{1}{2}$ lb.

Balling.
 13.87⁰

Yeast - #30 Brew (46 lbs. + 1 $\frac{1}{2}$ F.)

Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks
7.30 ^{am}	2	June 9	68 $^{\circ}$ C	13.37	B. 14. @ 6. ³²
"	4	" "	69 $\frac{1}{2}$ $^{\circ}$	3.67	1 st skini @ 6 ^{am}
"	8	<u>June 14</u>	57 $^{\circ}$	<u>17.7</u>	- Racked -

No. 7 Run.

June 11. #

Alc.

Malt - 5000 lbs. C. M. Co. ³⁰

Hops - (15 ³³ English & 10 ³³ B. C.); (20 ³² Pils & 20 ³³ B. C. (edge)); (20 ³² (Int.)) = 85 #

16 S - 6 H - 1.5 K. W. S - 1 qt (C) J.P.

6.55 ^{am} Mash - $\frac{150}{38}$

7.45 " Mndubt - $\frac{210}{8}$; Steam - 9 $\frac{1}{4}$

8.25 " Set Taps; Heat - 153

Spurge - $\frac{175}{6\frac{1}{2}}$; Hop - $\frac{120}{1}$

First runs - 21.1 $\frac{1}{2}$

Last - 1.45 $\frac{1}{2}$

Water - 38 $\frac{1}{8}$

67 $\frac{1}{2}$

1

114 $\frac{1}{2}$

Int. C. Out. of C. Balling.

99 $\frac{1}{2}$ lbs. - 10 - 89 $\frac{1}{2}$ lbs. 13.9 $\frac{1}{2}$ L

Yeast - # 31 Brew (46 lbs. + 1 $\frac{1}{2}$ t.) Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks
7.30 ^{am}	2	June 12	60.7	13.35 $\frac{1}{2}$	B.H. @ 5 ^{am} (Early)
"	3	" 13	69°	8.7 $\frac{1}{2}$	2 lt. @ 9 ^{am}
"	4	" 14	69 $\frac{1}{2}$ °	3.4 $\frac{1}{2}$	1 st skim @ 6 ^{am}
"	8	June 16	56 $\frac{1}{2}$ °	1.8 $\frac{1}{2}$	<u>Racked</u>

No. 8 Run.

Stout.

June 12¹⁴

Malt - 5000 lb. C. U. C. & 250 lb. B. B. B.

Hops - (15³⁰ Tuggs & 10³⁰ B.C.); (20³⁰ Bava & 20³⁰ B.C. Hops.); (20³⁰ Kouts) = 85[#]6³⁰ - 6 lb - 4.5 K. U. S. - ~~1 lb~~; 11 1/2[#] P.; S. root - 2[#]; C. root - 3[#]G. root - 4[#]6.55^{am} Mash - $\frac{145}{39}$ 7.45 - M. debit - $\frac{310}{8}$; Steam - 11

9.30 - Set Taps; Heat - 154°

Spurge - $\frac{120}{68}$; Hop - $\frac{170}{2}$

First runs - 21.35%

Last - - 1.6%

Water - 39

8

68

2

117

In to Cg.

101 lbs. - 9 1/2 -

Out of Cg.

9 1/2 lbs.

Balling.

14.6%

Yeast - * 31 Brew (4 lbs. + 1 1/2 f.)

Air - 1 1/4

Time	Day	Date	Temp.	Balling	Remarks.
7.30	2	June 13	57 1/2°	14.1%	B.H. @ 6.45 am
" "	3	" 14	67°	10.2%	2. lt. @ 1.15 am
4.30 ^{PM}	"	"	69 1/2°	8.05%	
7.30 ^{am}	4	" 15	69 1/2°	5.05%	1 st skin @ -
" "	8	June 19	57°	2.6%	- Racked -

No. 9 Run.

Ale.

June 13. ⁴⁴

Malt - 5000 lbs. C. M. Co.

Hops - (15 ³³ Fuggles 410 B. C.), (20 ³⁰ Bars. 4 20 B. C. Hops); (20 ³² Kents) = 85 [#]6.5 - 6 M - 4.5 K. M. S - 1 ^{1/2} R.6.55 am Mash - $\frac{445}{37\frac{1}{2}}$ 7.50 - Muddled - $\frac{210}{8}$; Steam - $10\frac{1}{2}$ 8.35 - Let Tap; Heat - 154° Sparge - $\frac{170}{68}$; Hops - $\frac{170}{4}$ First runs - 21.0% Last - 1.45% Water - $37\frac{1}{2}$

68

1

114 $\frac{1}{2}$

Into Cop.

99 $\frac{1}{2}$ lbs.- $11\frac{1}{2}$

Out of Cop.

88 lbs.

Balling.

13.9%

Yeast - #32 Brew (46 lbs. + $1\frac{1}{2}$ 7.)Air - $1\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks
7.30 am	2	June 14	60°	13.4%	B.H. @ 6.45 am
"	3	" 15	61°	8.85%	2 Mt. @ 8.45 am
"	4	" 16	69 $\frac{1}{2}$ °	3.4%	1st spin @ 4 am
"	8	June 20	57°	1.9%	- Racked -

No. 10 Jun.

Ale.

June 14. ⁴/₄

Malt - 5000 lbs C. M. Co.

* Hops - (10 Fuggles + 15 B. C.), (20 Bav + 20 B. C. G. H.), (20 Kent) = 75 ⁴/₄

16 S - 6 M - 1.5 K. M. S - 19 (G) P.

6.55 am Mash - $\frac{148}{37\frac{1}{2}}$ 7.53 Underlet - $\frac{210}{8}$; Steam - 10'8.32 Set Taps; Heat - $\frac{154}{170}$ Spray - $\frac{67\frac{1}{2}}{170}$; H₂O - $\frac{170}{1}$

First runs - 21.0%

Last - 1.65%

Water - $37\frac{1}{2}$ 67 $\frac{1}{2}$

1

114.In to C₁.

99 lbs.

- 10 -

Out of C₁.

89 lbs.

Balling

13.7%

Yeast - #33 Brew (46 lbs. + 1 $\frac{1}{2}$ T.)

Final - 14%

Time	Day	Date	Temp.	Balling	Remarks.
7.30 am	2	June 15	66°	13.25%	B.H.C. 6.30 am
11.01	3	16	67 $\frac{1}{2}$ °	9.2%	In to C ₁ -
11.22	9	June 22	57°	1.9%	- Racked -

No. 3 Jun.

Al.

June 15th

Malt - 5000 lbs. C. M. Co.

Hops - (10 Fuggles & 15 B.C.), (20 Pils. & 20 B.C. Gls.), (20 Kents) = 85[#]

No. S - 6 M - 1.5 K. M. S. - 1/2 (2) P.

7.59^{am} Mash - $\frac{148}{38\frac{1}{2}}$ 7.50. Undilut - $\frac{310}{8}$; Steam - 10 $\frac{1}{2}$.8.34. St Taps; Heat - 15 $\frac{1}{4}$ Sparg - $\frac{170}{66\frac{1}{2}}$; Hyg - $\frac{170}{2}$

First runs - 21.0%

Last - 1.6%

Water - 38 $\frac{1}{2}$ 66 $\frac{1}{2}$

27

113

In Cop.

99 lbs.

-10 $\frac{1}{4}$ -

Out of Cop.

88 $\frac{1}{4}$

Balling.

14.0%

Yeast - *34 Brew (46 lbs. + 1 $\frac{1}{2}$ f.)Air - 1 $\frac{1}{4}$

Time	Day	Calc	Temp.	Balling	Remarks.
7.30 ^{am}	2	June 16	59 $\frac{1}{2}$	13.65?	B.H. @ 6 ⁴⁵ am
"	4	18	68 $\frac{1}{2}$	4.6 ¹⁷	1 st skimming @ -1.20 ^{PM}
"	8	June 22	57	2.05?	- Racked -

No. 4 run

Sparkling Ale. June 18. #
 Malt - 5000 lb. C. M. Co.
 Hops - (15 ³³ Angles); (25 ³⁰ ~~Base~~ + 10 B. C. Hops); (20 Kent) = 70 #
 5 S - 6 M - 1.5 K. U. S. A

6.55^{am} Mash - $\frac{48}{33\frac{1}{2}}$ First run - 20.8%
 7.44 " Underlet - $\frac{210}{8}$; Steam - 9 $\frac{1}{4}$ Last " - 1.2%
 8.27 " Set Hops, Heat - 155° Water - 33 $\frac{1}{2}$
 Sparge - $\frac{170}{66\frac{1}{2}}$; Hops - $\frac{170}{1}$ 66 $\frac{1}{2}$
 109

Inlet Gp. Outlet Gp. Balling.
 95 $\frac{1}{2}$ hll. - 10 - 85 $\frac{1}{2}$ hll. 12.95%
 Yeast - #36 Brew (45 lb. + 1 $\frac{1}{2}$ F.) Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks
7.30 ^{am}	2	June 19	60°	12.25%	B.N. @ 5.45 ^{am}
" "	3	" 20	68 $\frac{1}{2}$	7.97%	L.H. @ 8 ^{am}
" "	6	" 23	62°	1.8%	
" "	8	<u>June 25</u>	57°	1.6%	- Racked -

No. 7 Run.

Ale.

June 19/
34.

* Malt - 5000 lb. C. M. Co. (New Cr.)
 Dyes - (15 B.C.⁵⁵, 410 Fuchs³³); (20 Bava³⁰ + 20 B.C. Gals); (20 Kents) = 85[#]
 66S - 6M - 1.5 H. M. S. - 1 qt (>) P.

6.59^{am} Mash - $\frac{150}{38\frac{1}{2}}$
 7.53^{am} Muddled - $\frac{310}{8}$; Steam - 9 $\frac{1}{2}$
 8.34^{am} 1st Tap, Heat - 153;
 Sparge - $\frac{170}{67}$; Hg - $\frac{170}{2}$

First runs - 20.4%
 Last " - 1.55%
 Water - 38 $\frac{1}{2}$
 8
 67 $\frac{1}{2}$
 114

1st Cop. Out of Cop. Balling
 99 $\frac{1}{2}$ lbs - 10 - ~ 89 $\frac{1}{2}$ 13.65%

Least - * 39 Brew (46 lbs. + 1 $\frac{1}{2}$ F.) Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks
7:30 ^{am}	2	June 26	60°	13.25%	BH @ 6 ^{am}
"	4	" 22	69 $\frac{1}{2}$ °	3.35%	1 st skim @ 5 ^{am}
"	5	" 23	64 $\frac{1}{2}$ °	2.05%	
"	8	June 26	57°	1.7%	- Reached

No. 8 Jun

Ale.

June 20. ⁷⁴

Malt - 5000 lb. C. M. Co.

Hops - (15 B. C. ³³ & 10 Juggles ³³); (20 Bar ³⁰ & 20 B. C. ³³ Hops); (20 Kent) = 85 [#]

W.S. - 6 M - 1.5 K. M.S. - 19 (2) P.

5.57 ^{am} Mash - $\frac{140}{38\frac{1}{2}}$ 6.47 " Underlet - $\frac{20}{8}$; Steam - 10%7.35 " Set Taps, Heat - $153\frac{1}{2}$ Sparge - $\frac{170}{66\frac{1}{2}}$; Hop - $\frac{170}{2}$

First runs - 20.3%

Last - 1.45%

Water - $38\frac{1}{2}$

8

66 $\frac{1}{2}$ $\frac{1}{2}$ $113\frac{1}{2}$

Into Cop.

98 $\frac{1}{2}$ lbs. - 10 -

Out of Cop.

- 88 lbs.

Balling.

13.9%

Yeast - *38 Brew (46 lbs. + $1\frac{1}{2}$ F.)Air - $1\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks
7.30 ^{am}	3	June 22	67 $\frac{1}{2}$	7.95%	In lt. @
" "	4	" 23 E.	69°	3.0%	1 st skim @ 3 ^{am}
" "	8	June 27.	57°	1.7%	- Racked -

No. 9 Jun

Ale.

June 20th

Malt - 5000 lbs. C. M. Co.

Hops - (15 B. P.³³ + 10 Fungles³³); (20 Bavos.³⁰ + 20 B. C. Gdgs.³³); (20³² Cent.) = 85⁴

W.S. - 6 M. - 1.5 - K.M.S. - 19(17) P.

11.40 am. Mash - $\frac{150}{39\frac{1}{2}}$ 12.44 PM. Underlet - $\frac{30}{8}$; Steam - $10\frac{1}{2}$ 1.35 Set Taps, Heat - 154° Sparge - $\frac{170}{65}$; Hy - 170 First runs - 20.1% Last - 1.8% Water - $39\frac{1}{2}$

8

65

1

113 $\frac{1}{2}$

Into Cop.

98 lbs.

- $10\frac{1}{2}$ -

Out of Cop.

87 $\frac{1}{2}$ lbs.

Ballings

13.85%

Yeast - *38 Brew (46 lbs + $1\frac{1}{2}$?)Air - $1\frac{1}{4}$

Time	Day	Date	Temp.	Ballings	Remarks.
7.30 am	3	June 22	66° >	10.5%	2 ht. @ - 2 PM.
"	4	" 23	69 $\frac{1}{2}$ °	4.6%	1st skime -
"	8	June 27	56°	1.8%	- Racked -

No. 107 un

Alc.

June 22nd

Malt - 5000 lbs. C. M. Co.

Hops - (15 B. C. & 10 Tuggles), (20 Bav. & 20 B. C. Gys.), (20 Kent) = 85 #

6 S - 6 M - 1.5 K. M. S - 19 (2) P.

6.59^{am} Mash - $\frac{150}{39}$
 7.53 ' Undulit - $\frac{210}{8}$; Steam - 11'
 8.37 ' Set Taps; Heat - 154°
 Garge - $\frac{120}{65}$; Hops - $\frac{120}{2}$

First runs - 20.37
 Last - 1.657
 Water - 39
 8
 65
 2
 114

Into Cops Out of Cops Balling.
 97 1/2 lbs. - 9 1/2 - 88 lbs. 74.0%

Yeast - * 40 Brew (46 lbs. + 1/2 t.) Air - 1 1/4

Time	Day	Date	Temp.	Balling	Remarks.
7.30 ^{am}	2	June 23	60 1/2°	13.457	B. H. O - 6.30 ^{am}
" "	4	" 25	69 1/2°	4.257	1 st skin @ 11.40 am.
" "	8	June 29	57°	1.857	- Racked -

No. 3 Tun

Ale

June 25. ⁷⁴

Malt - 5000 lbs. C. M. Co.

Hops - (15 B.C. & 10 Fuggles), (20 Barro & 20 B.C. Gyps.), (20 Kents) = 85 ⁷⁵

6LS - 6 M - 1.5 K. M. S - 19t & P.

6.57^{am} Mash - $\frac{150}{38}$ 7.49 " Muddled - $\frac{20}{8}$; Steam - 11 $\frac{1}{4}$

8.33 " Set Taps; Heat - 156°

Sparg - $\frac{170}{866}$; Hop - $\frac{120}{2}$

First runs - 20.37

Last - 1.87

Water - 38

8

66

 $\frac{1}{2}$ 112 $\frac{1}{2}$

In Cys.

97 $\frac{1}{2}$ lbs.

- 10 -

Out of Cys.

87 $\frac{1}{2}$ lbs.

Balling.

13.77

Heat - 41 & 42 Buns (46 lbs. + 1 $\frac{1}{2}$ t.)Air - 1 $\frac{1}{2}$

Time	Day	Date	Temp.	Balling	Remarks
7.30 ^{am}	2	June 26	59 $\frac{1}{2}$	13.257	B.H. @ 6. ¹⁵
"	3	" 27	67 $\frac{1}{2}$	9.37	2 lt. @ -
"	4	" 28	69 $\frac{1}{2}$	3.857	1 $\frac{1}{2}$ skin @ 9.30 ^{am}
"	8	July 2/34	57°	1.97	- Reached -

No. 47 Run.

Ale.

June 6. th

Malt - 5000 lbs C. M. Co.
 Hops - (15³¹ B. C. 10³³ Fuggles); (20³⁰ B. C. 20³¹ B. C. Hops); (20³¹ Kents) = 85[#]
 65 - 6 M - 1.5 M. S. - 19^{1/2} P.

6.57^{am} Mash - $\frac{150^\circ}{38\frac{1}{2}}$
 7.50 " Underbult - $\frac{210^\circ}{8}$; Steam - 10 $\frac{1}{2}$
 8.35 " Set Taps, Heat - 154 $^\circ$
 Gauge - $\frac{70^\circ}{65}$; H₂O - $\frac{70^\circ}{1}$

First runs - 20.47
 Last " - 17.7
 Water - 38 $\frac{1}{2}$
 8
 65
 1
 112 $\frac{1}{2}$

In to Cyp. 97 $\frac{1}{2}$ lbs - 11 - Out of Cyp. 86 lbs. Balling. 14.0 $\%$

Yeast - 42 Brew (46 lbs. + 1 $\frac{1}{2}$ 7.) Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks
7.31 ^{am}	2	June 27	59 $\frac{1}{2}$	13.6 $\%$	B. H. @ 6.45 ^{am}
"	3	" 28	67 $^\circ$	10.0 $\%$	2 lt. @ -
4.30 ^{PM}	"	" "	69 $\%$	7.6 $\%$	
7.30 ^{am}	4	" 29	69 $\frac{1}{2}$	4.35 $\%$	1 st Water @ 11.25 ^{am}
"	8	July 3	57 $^\circ$	1.95 $\%$	- Racked -

No. 7 June.

Alb.

June 27/34.

Malt - 5000 lbs. C. M. C.
 Hops - (15 B.C.³³ & 10 Fing³³); (20 Bav.³⁰ & 20 B.C.³³ Hops), (20 Kent³²) = 85 #
 BS - 6 M - 1.5 K. M. S. - 1 qt. P.

6.59 am Mash $\frac{150}{38\frac{1}{2}}$ 7.50 Undekit $\frac{310}{8}$; Steam - 10%

8.40 Set taps; Heat - 152°

Sparge $\frac{170}{65}$; Hops $\frac{120}{2\frac{1}{2}}$

First runs - 20.6%

Last - 1.65%

Waters - 38 $\frac{1}{2}$

8

65

2 $\frac{1}{2}$

114

In to Cys.

97 lbs.

-10-

Out of Cys.

87 lbs.

Balling.

13.95%

Yeast - * 42 Brew (46 lbs. + 1 $\frac{1}{2}$ f.)Air - 1 $\frac{1}{4}$ '

Time	Day	Date	Temp.	Balling	Remarks.
7.30 am	2	June 28	57 $\frac{1}{2}$ °	13.8%	B.H. @ 6.45 am
"	3	" 29	68°	9.6%	In lt. @ 9.30 am
"	4	" 30	69 $\frac{1}{2}$ °	4.25%	1 st skin @ 10.30 am.
"	8	July 4	57°	2.25%	- Racked -

No. 8 Run.

Alc.

June 28/134

Malt - 5000 lbs. C.M. Co.
 Hops - (15³³ B. C. & 10³³ Fuggles); (20¹² B. & 20³³ B. C. Hops); (20³² Ken³³) = 75
 GS - 6M - 1.5K. M. S. - 19t > P.

6.56^{am} Mash - $\frac{150}{38}$
 7.50 - Muddled - $\frac{216}{8}$; Steam - 10'
 8.35 - Set Taps; Heat - 153°
 Sponge - $\frac{120}{65\frac{1}{2}}$; Hops - $\frac{170}{2}$

First run - 20.75
 Last - 1.67
 Water - 38
 4
 65
 2
 113 $\frac{1}{2}$

Int. Cyp. Out of Cyp. Balling.
 97 $\frac{1}{2}$ lbs. - 9 $\frac{1}{2}$ - 88 13.97 $\frac{1}{10}$

Yeast - 43 Brev (46 lbs. + 1 $\frac{1}{2}$ f.) Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks.
7.30 ^{am}	2	June 29	60°	13.47	B.H. @ 7.35 ^{am} =
"	3	" 30	69°	9.27	In lt. @ -
"	8	July 5	56°	1.87	- Racked -

No. 9 Jun.

Alb.

June 29th

Malt - 5000 lbs. C. M. Co.
 Hops - (15 B. C. + 10 Fingles); (20 Bars + 20 B. C. Hops); (20 Kerts) = 85[#]
 6 S - 6 M - 1.5 K. M. S. - 19⁺ P.

6.57^{am} Mash - $\frac{160}{38}$
 7.48 " Underlet - $\frac{210}{8}$; Steam - $10\frac{1}{2}$ °
 8.35 " Set Taps; Heat - $153\frac{1}{2}$ °
 Sparge - $\frac{170}{65\frac{1}{2}}$; Hy - $\frac{170}{2}$

First runs - 20.6?
 Last - 1.55?

Water - 38
 4
 65
 2
 113 $\frac{1}{2}$

In to Coy.

97 $\frac{1}{2}$ Ubb.- 10 $\frac{1}{2}$ -

Out of Coy.

87 Ubb.

Balling
13.8%Least - * 44 Brew (4 Ubb. + 1 $\frac{1}{2}$ F.)

Air - 14°

Time	Day	Date	Temp.	Balling	Remarks.
7.30 ^{am}	2	June 30	66°	13.4%	B. H. @ 6.45 am
"	8	July 6	57°	2.1% -	Racked -

No. 10 Tun.

Ale.

July 3/54

Malt - 5000 lbs. C. M. C.

Tops - (15³³ Bl., 110³³ Fuggles); (20³³ Baw. + 20³³ Bl. Chp.); (20³³ Kents) = 85[#]

16 S - 6 M - 1 S. M. S - 19 (G) P.

6.55^{am} Mash - $\frac{150}{38}$
 7.48 " Mucklet - $\frac{210}{8}$; Steam - $9\frac{1}{2}$
 8.30 " Set Top; Heat - $154 >$
 Sparge - $\frac{170}{65\frac{1}{2}}$; Hot - $\frac{170}{7}$

First runs - 21.0[?]
 Last - 1.55[?]
 Water - 38
 8
 65 $\frac{1}{2}$
 1
 112 $\frac{1}{2}$

Out of Cops.

97 $\frac{1}{2}$ lbs. - 10 -

Out of Cops.

87 $\frac{1}{2}$ lbs.

Balling.

14.0[?]Least - * 46 Baw (46 lbs. + 1 $\frac{1}{2}$ F)Air - $1\frac{1}{4}$

Time	Day	Date	Temp.	Balling.	Remarks.
7.30 ^{am}	2	July 4	60°	13.6 [?]	B. H. @ 7 ¹⁵ am
"	3	" 5	68 $\frac{1}{2}$	9.8 [?]	2. lt. @ 10 am
"	4	" 6	69 $\frac{1}{2}$	4.3 [?]	1. topin @ 11. 5 ⁰ am
"	8	July 10	57°	2.0 [?]	<u>Cracked</u>

No. 3 Jun.

Ale.

July 4. ⁶⁴

Malt - 5000 lbs. C. M. Co.
 Hops - (15 B. C. ³³ + 10 Fuggles) (20 Bav. + 20 B. C. ³³); (20 Kent) = 85*
 6S - 6M - 1.5 K. W. S. - 19t. > P.

6.57^{am} Mash - $\frac{150}{37\frac{1}{2}}$
 7.49 " Underlet - $\frac{20}{8}$; Steam - 10'
 8.33 " Set Taps; Heat - 153'
 Gauge - $\frac{170}{66}$; Htg - $\frac{170}{\frac{1}{2}}$

First runs - 20.55⁷
 Last - 1.7⁷
 Water - $\frac{37\frac{1}{2}}{8}$
 66 $\frac{1}{2}$
 112

2nd Cop. Out of Cop.
 97 $\frac{1}{2}$ lbs. - 10 $\frac{1}{2}$ - 87 lbs.

Balling.
 13.77

Least - * 47 Brew (46 lbs. + 1 $\frac{1}{2}$ f.)

Air - 1 $\frac{1}{4}$ '

Time	Day	Date	Temp.	Balling	Remarks.
7.30 ^{am}	2	July 5	66°	13.77	BH @ 6.30 ^{am}
"	3	" 6	69°	8.957	2 nd lt. @ 8.30 ^{am}
"	4	" 7	69°	3.67	1 st skim @ 5.30 ^{am}
"	8	July 11	56°	1.77	- Rashed -

No. of Run

Ale.

July 5/34

Malt - 5000 lbs. C. M. Co.

Hops - (10³³ B. L. + 10³³ Tuggle); (20³⁰ Puro + 20³⁰ B. P. Hops); (20³² Kent) = 85[#]

W.S. - 6 M - 1.5 W. M. S. - 1 qt > P.

6.57^{am} Mash - $\frac{150}{87\frac{1}{2}}$
 7.49 " Muddled - $\frac{210}{8}$; Steam - 10'
 8.35 " Set Taps; Heat - 154°
 Sparge - $\frac{170}{65\frac{1}{2}}$; Hops - $\frac{170}{1}$

First runs - 20.5°
 Last " - 1.65°
 Water - 37 $\frac{1}{2}$
 8
 65 $\frac{1}{2}$
 113

Inlet Cys.

97 lbs

- 10 -

Outlet Cys.

87 lbs

Balling.

13.9°

Yeast - * 48 Brew (46 lbs + 1 $\frac{1}{2}$ 7.)

Air - 14°

Time	Day	Date	Temp.	Balling.	Remarks
7.30 ^{am}	2	July 6	60°	13.45°	B.H @ 6.30 ^{am}
"	3	7	69°	9.25°	2 ft @ - 10 ^{am}
"	8	July 12	57°	1.8°	- Racked -

No. 7 Run.

Alc.

July 6/34

* Malt - 5000 lbs. C. M. Co. (1500 lbs. of New Crop) ³³
 Hops - (25 B.C.); (20 Bav³⁰ & 20 Fuggles); (20 B.C. Hops) = 85⁺
 Water - 6 M - 1.5 K.M.S. - 1.9 f. > P.

6.58^{am} Mash - $\frac{180^\circ}{38}$
 7.50 " Mashed - $\frac{210^\circ}{8}$; Steam
 8.34 " Sp. Hops; Heat - 154°
 Spang - $\frac{170^\circ}{65^\circ}$; Hop - $\frac{176^\circ}{2}$

First run - 20.75⁹
 Last " - 14.15⁹
 Water - 38
 8
 65⁺
 2
 113⁺

In Cup. 97 $\frac{1}{2}$ lbs. -10 $\frac{1}{2}$ - Out of Cup. 87 $\frac{1}{2}$ - Balling 13.9⁹
 Yeast - * \$0 Brew (46 lbs. + 1 $\frac{1}{2}$ f.) Air - 17 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks.
7.20 ^{am}	4	July 9	69 $\frac{1}{2}$ °	5.3 ⁹	B. 4 @ -
8	8	July 13	57°	2.5 ⁹	1 st skin @ - 4.30 ^{pm} <u>Racked</u>

No. 8 Run

Ale.

July 9th

Malt - 5000 lbs. C. M. Co. (New Cov.)
 Hops - (25³³ B. C.), (20³⁰ Bavo. + 20³³ Fuggles); (20 B. C. Gals) = 85[#]
 66^{lb} - 6 M - 1.5 K. M. S. - 1.97 P.

6:58^{am} Mash - $\frac{150}{38\frac{1}{2}}$
 7:50 " Muddle - $\frac{2\frac{1}{2}}{8}$; Steam - 10 $\frac{3}{4}$
 8:35 " 1st Tap; Heat - 154 $\frac{0}{0}$
 Sparge - $\frac{120}{65\frac{1}{2}}$; H₂O - $\frac{170}{27}$

First run - 21.2 $\%$
 Last " - 1.45
 Water - 38 $\frac{1}{2}$
 8
 66 $\frac{1}{2}$
 27
 114 $\frac{1}{2}$

In to Cys Out of Cys
 98 hbls. - 9 $\frac{1}{2}$ - = 88 $\frac{1}{2}$

Balling
 14.0 $\%$ <

* Yeast - * ^{51 Bann} 10^{lb} (50^{lb} + 1 $\frac{1}{2}$ T.)

Air - 1 $\frac{1}{4}$

Time	Day	Wats	Temp.	Balling	Remarks
7:30 ^{am}	2	July 10	57 $\frac{1}{2}$ >	13.6 $\%$	B. H. @ 7 ^{am}
"	3	" "	68 $\frac{1}{2}$ <	9.95 $\%$	2 ^{kt} @ 10 $\frac{45}{0}$
"	4	" 12	69 $\frac{1}{2}$	4.2 $\%$	1 st skim @ -10 ⁴⁰ am
"	8	July 16	57 $\frac{1}{2}$	2.1 $\%$	- Racked -

No. 9 run.

Sparkling Ale

July 10/34

Malt - ~~500~~ 450⁰ lbs. C. M. Co. ³³
 * Hops - (15⁰ P. ³³); (25 Bav. ³⁰ + 10 Fuggles); (20 P. ³³ Hops) = 70[#]
 5⁰ - 6 M - 1.5 K. M. S.

6.58^{am} Mash - $\frac{150}{34}$
 7.49 • Middelb - $\frac{310}{8}$; Steam - 10 $\frac{1}{4}$
 8.32 • Slt Taps; Heat - 153 $\frac{1}{2}$
 Sprige - $\frac{170}{66\frac{1}{2}}$; Hops - $\frac{170}{7}$

First runs - 20.45
 Last - - 1.3
 Water - 34
 8
 66 $\frac{1}{2}$
 17
 109 $\frac{1}{2}$

Inlet Cop. 95 $\frac{1}{2}$ hbl. - 10 -
 Out of Cop. 85 $\frac{1}{2}$ hbl.

Balling. 12.9%

Yeast - * 51 Brew (46 lbs. + 1 $\frac{1}{2}$ 7.)

Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling.	Remarks
7.50 ^{am}	32	July 11	59 $\frac{1}{2}$	9.75	Inlet B. H. @ 8.15
"	3	July 12	67 $\frac{1}{2}$	8.75 ⁹	Inlet -
"	4	July 13	69 $\frac{1}{2}$	3.15 ⁹	1 st taking @ 6 ^{am} .
"	8	July 17	57	1.65 ⁹	Racked -

No. 10 Run.

Ab.

July 11. ⁴⁴

Malt - 5000 lbs. C. M. C.

Hops - (25 B. C. ³³), (20 Bav. ³³ + 20 ³³), (20 B. C. ³⁵) = 85 +

6.5 - 6 M - 1.5 K. M. S. - 17 ft 7 in.

6.59^{am} Mash - $\frac{160}{39}$
 7.50. Thublet - $\frac{20}{7}$ Heat - Steam - 10%
 8.35. Garge - $\frac{170}{662}$; Hyg - $\frac{12}{27}$
 Set eye; Heat 154 >

First runs - 20.95?

Last - 1.7?

Water - 39

$$\begin{array}{r} 662 \\ 27 \\ \hline 11527 \end{array}$$

Into Cys.

Out of Cys.

Ballings.

98 $\frac{1}{2}$ lbs. - 10 $\frac{1}{2}$ - 87 lbs.

13.9?

Yeast - 10.52 + 5.2 Brews. (50 lbs. + 1 $\frac{1}{2}$ F.)

Air - 17.

Time	Day	Date	Temp.	Ballings	Remarks
7.30 ^{am}	2	July 12	60.7	13.4?	B. H. @ 4.45 ^{am}
"	3	" 13	69%	8.4?	2 Lt. @ 4.45 ^{am} (early)
"	4	" 14	69.5	3.3?	1 st skin @ 5 ^{am}
"	5	July 15	57	1.75?	- Racked -

No. 3 Jan.

Stout.

July 12. th

Malt - 5000 lb. C. M. C. + 250 lb. P. Barley. ³³
 Hops - (25 B. C.); (20 Bav. + 20 Fuggles); (20 B. P. Hops) = 85 [#]
 GS - 6 M - 1.5 H, M. S. - 112 [#]; G. root - 15 [#]; C. root - 3 [#]; L. root - 2 [#]

6.56 ^{am} Mash - $\frac{157}{39\frac{1}{2}}$
 7.49 " Malt - $\frac{20}{8}$; Steam - 11 $\frac{1}{2}$
 8.35 " Let Paps; Heat - 154 [#]
 page - $\frac{170}{67\frac{1}{2}}$; Hops - $\frac{170}{2}$

First runs - 21.17.
 Last - 1.6.
 Water - 39 $\frac{1}{2}$
 8
 67 $\frac{1}{2}$
 2
 117

Ints Cpn
 100 hlb. - 9 $\frac{1}{2}$ -
 Auto/Op. 9 $\frac{1}{2}$

Balling
 14.45 ^o

Least - 53 Brew (450 lb + 1 $\frac{1}{2}$ 7)

Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks
7.31 ^{am}	2	July 13	60	14.15	B.H. @ 5:45.
"	3	July 14	69	9.9	Intt @
"	8	July 19	57	2.55	- Rashed -

No. 4 Run.

Ale.

July 16[#]

Malt - 5000 lbs. C.M.C.

Hops - (25 B. (P. 2)); (20 B. (P. 3) + 20 Fuggles); (20 B. (P. 4)) = 85[#]

65' - 6 M. - 1.5 K.M.S. - 1/10 1/10

6.57^{am}Mash - $\frac{160}{38}$ Undilut - $\frac{210}{8}$; Steam - 10 $\frac{3}{4}$

Set Taps, Heat - 154°

Sponge - $\frac{170}{6\frac{1}{2}}$; Hop - $\frac{170}{7}$ First runs - 20.55^gLast - 1.6^g

Water - 39

 $\frac{6\frac{1}{2}}{8}$ 114 $\frac{1}{2}$

Into Cyp.

98 $\frac{1}{2}$

- 11 -

Out of Cyp.

87 $\frac{1}{2}$ lbs.

Balling.

13.85 $\frac{7}{2}$ Yeast - * 55 Brew (50 lbs. + 1 $\frac{1}{2}$ 7.)Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks
7.30 ^{am}	2	July 17	60 $\frac{1}{2}$	13.29	B.H. 6 -
" "	3	July 18	69 $\frac{1}{2}$	7.79	2 Lt @ 4 ^{am} (Early)
4.46 P.M.	"	"	"	5.17	"
7.30 ^{am}	8	July 23	57°	1.757	- Racked -

No 7 run.

Al.

July 17/34

Malt - 5000 lbs. C. M. C.
 Hops - (25 B. C³³); (20 B. C³¹ + 20 Fuggles³³); (20 B. C³³ Hops) = 85 #
 6.5 - 6 M - 1.5 K. M. S - 1st & P.

7^{am} Mash - $\frac{157}{38}$
 7.52. Mashed - $\frac{210}{8}$; Steam - 10 3/4
 8.35. St. Topo; Heat - 154
 Sparge - $\frac{120}{67}$; Hop - $\frac{170}{24}$

First runs - 20.25?
 Last - 1.65?

Water - 38
 8
 67
 24
1154

Ink Cap 98 lbs > - 10 - Out of Cap. 88 1/2

Balling 13.85?

Yeast - 2.55 Brew (50 + 1 1/2)

Air - 1 1/4

Time	Day	Date	Temp.	Balling	Remarks.
7:30 ^{am}	3	July 19	66°	10.4?	B. H. @ 9:30 am (late.)
"	4	" 20	69 1/2°	4.7?	In H @ - 2:15 P.M.
"	8	July 24	57°	2.4?	1 st skin @ - - Rashed -

No. 8 Run.

Stout.

July 18/34

Malt - 5000 lbs. C. M. Co. of 250 lbs. B. Barley, ³⁵
 2000 (25 B. C.), (20 B. C. & 20 Fug. 33); (20 B. C. 35) = 85[#]
 65 - 6M - 1.5K. M. S. - 112½ #P. - 1 Good Grant - 3#; C. root - 3[#]
 L. root - 2[#]

6.57^{am} Mash - $\frac{16^{\circ}}{39\frac{1}{2}}$
 7.47^{am} Malt - $\frac{210^{\circ}}{8}$; Clean - 11%
 8.39^{am} Soft Mash Heat - 156°
 Spang - $\frac{170^{\circ}}{67\frac{1}{2}}$; Hg. - $\frac{170^{\circ}}{2}$

First Run - 21.17
 Last - 1.5⁷
 Water - 39½
 67½
 2
 117

Int. Co. Out of Co.
 101 lbs. - 9¼ - 291½ lbs.

Balling.
 14.67

Yeast - * 56 Brew (50⁺ + 12 f.)

Air - 14°

Time	Day	Date	Temp.	Balling	Remarks
7.30 ^{am}	2	July 19	66°		B. H. @ 7 ⁴⁵ am
"	3	20	67°	10.-)	Duff. at.
"	#	July 25	58°	3.05 ⁹	- Reached

No. 9 run.

Ale.

July 19. [#]

Malt - 5000 lbs. C. M. C. ^{20 Fuggles}
 Hops - (25 B.C. ³³), (20 Baro. & 20 B. ³³), (20 B.C. ³³ fillings) = 85 #
 6S - 6M - 1.5 K. M. S. - 1st > P.

6.58 ^{6.58} Mash - $\frac{150}{38}$
 Mashed - $\frac{310}{8}$; Steam - 10'
 Soft Taps; Heat - 154°
 Gauge - $\frac{170}{67}$; Hg. - $\frac{170}{22}$

First runs - 20.77
 Last - 1.67
 Water - 38
 67
 2 1/2
 11 1/2

In to Cyp. 98 lbs. > - 10 - Out of Cyp. 88 lbs.

Balling 13.95 ⁷

Heat - * 1.57 + 58 Bms (50 + 1/2 7.)

Air - 1 1/4

Time	Day	Date	Temp.	Balling	Remarks
7.31	2	July 21	60 >	13.45 ⁹	B.H. 0.6 ³¹ on
" "	8	July 21	57	1.85 ⁹	- Rashed -

No. 107^{am}

Alb.

July 23nd

Malt - 5000 lb. C. M. Co.
 Hops - (25 B. C.), (20 Bav. & 20 Tuffes); (20 B. C. Hops) = 85 #
 16 S - 6 M - 1.5 K. M. S - 127 P.

6.59^{am} Mash - $\frac{150}{38}$
 Underlight - $\frac{30}{8}$; Steam - 10'
 Set Taps, Heat - 155°
 Sparg - $\frac{17}{68}$; Hg - $\frac{17}{2}$

First runs - 20.9°
 Last - 1.15°
 Water - 38
 4
 67
 2
 116

1st Coy. 99 lbs. - 10 - 2nd Coy. 89 lbs. Balling 13.75°

Yeast - *59 Brew (50 lb. + 1 1/2 Z). Air - 1 1/4

Time	Day	Date	Temp.	Balling	Remarks
7.30 ^{am}	2	July 24	60	13.65°	BH @ 5.45 ^{am}
" "	3	" 25	67 1/2°	"	2 nd c. @ 7.45 ^{am}
" "	4	" 26	67 1/2°	3.6°	1 st skin @ 5 ^{am}
" "	8	July 30	57°	1.9°	- Racked -

No. 3 run.

Ale.

July 24. ⁷⁷

Malt - 5000 lb. C. M. G.
 Hops - (25 B.C.³³), (20 Bav.³³ + 20 Fuggles); (20 ~~10~~) = 85[#]
 6 S - 6 M - 1.5 K. M. S. - 1 qt > P.

6.57 am Mash $\frac{150}{38}$
 7.57 - Mashed $\frac{210}{8}$; Steam - 95'
 8.34 - Set Taps; Heat - 154'
 Sparge - $\frac{170}{68}$; Hops - $\frac{170}{2}$

First runs - 20.3?
 Lost - 1.65?
 Water - 31
 68
 26
 116 <

Inb Cps. Out. of Cps.
 99 Shells. - 10 1/2 - 88 1/2

Balling
 13.77

Yeast - * 60 Brew (50 lb. + 1 1/2 7)

Air - 14

Time	Day	Date	Temp.	Balling	Remarks
7.70	2	July 25	68	13.167	B.H.O. 6 am
" "	3	July 26	69 1/2	8.457	Inb. 8 am
" "	4	" 27	68 1/2	3.177	1 st skm @ 4 am
" "	5	July 31	57	1.657	- Reached -

No. 77

Ale.

July 25th

Malt - 5000 lbs. C. M. Co.

Hops - (25 B. C.); (20 Bav. + 20 Fuggles); (20 B. O. Hop.) = 85[#]

65 - 6 M - 15 U. S. - 1st P.

6.57^{am} Mash - $\frac{150}{38}$ 7.47 " Mulerlet - $\frac{210}{8}$; Steam - 9%

8.34 " Set Laps; Heat - 154°

Sparge - $\frac{170}{67\frac{1}{2}}$; Hot - $\frac{170}{2}$

20 Laps.

98 $\frac{1}{2}$ lbs.

- 10 -

Out of Cys

88 $\frac{1}{2}$ lbs.

Balling

13.857

First runs - 20.87

Last " - 5 - 1.45

Water - 38

67 $\frac{1}{2}$

2

115 $\frac{1}{2}$ Yeast - *1, 60 + 62 Brews (50 lbs. + 1 $\frac{1}{2}$?)

Air - 14°

Time	Day	Water	Temp.	Balling	Remarks
7.30 ^{am}	2	July 26	66°	13.27	B.H. @ 5.15 ^{am}
"	3	" 27	67 $\frac{1}{2}$	8.27	2 nd Lt. @ 6 ^{am}
"	4	" 28	69°	2.87	1 st skin @ 4 ^{am}
"	8	<u>Aug. 1st</u>	57°	<u>1.77</u>	<u>- Racked -</u>

No 8 Run.

Ale.

July 26. ¹⁴

Malt - 5000 lbs. C.M.C.
 Hops - (25 B.C.)³³; (20 Bavo. + 20 Fuggles)³³; (20 B.C. Gyp.)³³ = 85[#]
 16 S - 6 M - 1.5 K - 1.5 S - 1 qt > P.

6.57 Mash $\frac{17}{38}$
 7.49 Hyd. - $\frac{2.10}{4}$; Steam - 9 $\frac{1}{2}$
 8.34 Set taps; Heat - 154°
 Sauge - $\frac{17\frac{1}{2}}{67\frac{1}{2}}$; Hops - $\frac{17\frac{1}{2}}{82}$

Fiset runs - 20.75
 Cost - 1.45

Water - 38
 67 $\frac{1}{2}$
 2 $\frac{1}{2}$
 116 $\frac{1}{2}$

2 8 Cg.
 9 8 2 1/2 lbs.

Cut of Cg.
 - 10 $\frac{1}{2}$ - 88

Balling.
 13.9%

Least - * 62 Brew (50 lbs. + 1 $\frac{1}{2}$ 7.)

Air - 14

Time	Day	Date	Temp.	Balling	Remarks
7.30	2	July 27	60°	13.32	B.H. @ 6 ^{am}
7.30	3	28	69°	9.67	2 M. @ 8.15 ^{am}
"	6	Aug 2	57°	1.87	- Racked -

No. 9 Tun.

Alc.

July 30th

Malt - 5000 lbs. C. M. C.

Hops - (25 B. C. "), (20 Bav. " & 20 Tuggles), (20 B. C. ") = 85⁺

No. 5 - 6 M - 1.5 K. M. S - 19t > P.

6.58^{am} Mash - $\frac{150}{38}$
 Underlight - $\frac{20}{8}$; Steam - 9 $\frac{1}{2}$
 Set Paps; Heat - 159⁺
 Sponge - $\frac{170}{68}$; Hops $\frac{170}{17}$

First runs - 20.5?
 Last - 1.45?
 Water - 38
 68
 17
 1157

In. Cap.
99 lbs.Out. of Cap.
- 10 - 89 lbs.Belling
13.87Yeast - * 63 Brew (50 lbs. + 1 $\frac{1}{2}$ F.)Alc - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Belling	Remarks
7.36 ^{am}	3	Aug 1	68 $\frac{1}{2}$	9.57	B. K. @ 8.10 (Late) 2 H. @ 9 ^{am}
" "	4	" 2	69 $\frac{1}{2}$	3.87	1 st skim @ 7.45 ^{am}
" "	8	Aug. 6	57	3.97	- Racked -

No. 10 Run.

Sparkling Ale.

July 31.

Malt - 4500 lbs. C.M. Co.
 Hops - (15 B.C.), (25 Baw + 10 Fuggles); (20 B.C. Hops) = 70 #
 5th - 6 M - 1.5 K.M.S.

6.57^{am} Mash - $\frac{150}{33\frac{1}{2}}$
 7.45^{am} Mashed - $\frac{210}{8}$; Steam - 8'
 8.32^{am} Set Taps; Heat - 15°
 Sprig - $\frac{170}{67}$; Hops - $\frac{170}{72}$

First runs - 20.1?
 Last - - 1.57
 Water - 33 $\frac{1}{2}$
 8
 67
 14
 109 $\frac{1}{2}$

In to Coy.

95 $\frac{1}{2}$ lbs. - 10-

Out of Coy.

85 $\frac{1}{2}$ lbs.

Balling

12.75

Yeast - x 64 Brew (Walt + 1 $\frac{1}{2}$ F.)Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks.
7.30 ^{am}	6	Aug 1	60 $\frac{1}{2}$	12.25?	B.H. @ 6 $\frac{1}{2}$ - Round @ 12 $\frac{1}{2}$
"	3	2	67 $\frac{1}{2}$		2 ft. @ 7.5 ^{am}
"	8	Aug 7	57°	1.77	<u>Racked</u>

No. 3 run

Alc.

Aug. 1/34

Malt - 5000 lb. C.M.C.

Hops - (25 B.C.³³); (20³³ Bars. & 20 Fuggles); (20 B.C. Hops) = 85³³

W.S. - 6.4 - 1.5 K.M.S. - 1st > P.D.

6.56^{am} Mash - $\frac{150}{39\frac{1}{2}}$ 7.47. Inlet - $\frac{210}{8}$; Steam - 97

8.29. Self 7 ops, heat - 153

Spurge - $\frac{170}{67}$; Hops - $\frac{170}{2}$

First runs - 20.3

Last y - 1.6

Wates - $\frac{38\frac{1}{2}}{8}$

67

2

115 $\frac{1}{2}$

In. Cyp.

98 $\frac{1}{2}$ Hops - >-10 $\frac{1}{2}$ > -

Out of Cyp.

88 $\frac{1}{4}$

Balling

13.87

Yeast - * 65 (Brew (50 lb. + 1 $\frac{1}{2}$ T.))Air - 14 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks
7.30 ^{am}	2	Aug 2	60°		B.H. 6 $\frac{3}{4}$ am
"	3	" 3	62°	7.-	2 $\frac{1}{2}$ Hops 9 ^{am}
"	4	" 4	69 $\frac{1}{2}$	3.47	1 st skin @ 6 ^{am}
"	8	Aug 8	57°	<u>1.75</u>	- Racked -

No. 4 Run.

Stout.

Aug 2nd

Malt - 5000 lbs. C.M.C. & 250 lb. B. Barley.
 Hops - (25 B.C.³³); (20 Bar³ & 20 Fuggles³³); (20 B.C. Hops) = 8.5[#]
 65 - 6 M - 1.5 K.M.S - 118 P. - 9 G. root - 3[#]; C. root - 3[#],
 L. root - 2[#]

6.57^{am} Mash - $\frac{154}{59\frac{1}{2}}$ $\frac{2.10}{8}$
 Unclerk - $\frac{8}{8}$; Steam - 11'
 Set Tapes; Head - 15.4'
 Sparg - $\frac{170}{68}$; Hy - $\frac{171}{2}$

First run - 20.7?
 Lat - 7 1.8?
 Water - 37 $\frac{1}{2}$
 68
 2
 117 $\frac{1}{2}$

2nd Cyp. 101 $\frac{1}{2}$ lbs. - 9 $\frac{3}{4}$ - Out of Cyp. 91 $\frac{1}{2}$ lbs.

Balling 14.25⁷

Yeast - * 66 Brew (50 lb. + 1 $\frac{1}{2}$ F.)

An - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Reminders
9.30 ^{am}	5	Aug 4	69°	9.17	2. lb @ 9. am
"	8	Aug 9	57°	2.67	- Racked -

No. 77 un.

Ale.

Aug. 6[#]

Malt - 5000 lb. C. M. C.

Hops - (25 B.C.³³), (20 Bav.³³ + 20 Fuggles³³); (20 B.C. C. Hops.³³) = 85[#]

W.S. - 6.11 - 1.5 K.M.S. - 197 > P.

6.57^{am} Mash - $\frac{167}{37\frac{1}{2}}$ 7.49^{am} Underlet - $\frac{211}{8}$; Steam - 10'c9.34^{am} Set Taps; Heat - 156Spurge - $\frac{17\frac{1}{2}}{67\frac{1}{2}}$; Hyg - $\frac{12\frac{1}{2}}{7\frac{1}{2}}$

First run - 20.8%

Last " - 1.5%

Water - 37 $\frac{1}{2}$ $\frac{8}{8}$ 67 $\frac{1}{2}$ 1 $\frac{1}{2}$ 114 $\frac{1}{2}$

Into Cys.

98 $\frac{1}{2}$ hbl.- 9 $\frac{1}{2}$ -

Out of Cys.

- 89 hbl.

Balling.

13.7%

Yeast - * 67 Brun (50 lb. + 1 $\frac{1}{2}$ Z.)Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks
7.36 ^{am}	3	Aug. 8	67 $\frac{1}{2}$	9.55%	2 nd Lt. @ 11 ^{am}
" "	4	9	67 $\frac{1}{2}$	3.65%	1 st Skim @ 7 ^{am}
" "	8	Aug. 13	57	1.85%	- Rashed -

No. 8 Run.

Alc.

Aug. 7th

Malt - 5000 lb. C. M. C.
 Hops - (25 B.C.³³); (20 Baw³³ + 20 Fugg³³); (20 B.C. C³³) = 85[#]
 16 S - 6 M - 1.5 K. M. S. - 1st > 1st

6.58^{am} Mach - $\frac{157}{38}$
 Underbit - $\frac{310}{8}$; Steam - 9
 Set Taps; Heat - 15³
 Sprng - $\frac{171}{67}$; Hyg - $\frac{171}{22}$

First runs - 20.47
 Lost - 1.757
 Water - $\frac{38}{8}$
 67
 26
 1156

Inlet C₂ 98 $\frac{1}{2}$ lbs. -10-
 Outlet C₂ 88 $\frac{1}{2}$ lbs.

Balling 13.87

Yeast - * 68 Baw (50 lb. + 1 $\frac{1}{2}$ 7)

Air - 1 $\frac{1}{2}$

Time	Day	Date	Temp.	Balling	Remarks
7.30 ^{am}	2	Aug 8	60°	13.27	B.H. @ 6.45
"	3	" 9	67°	8.657	Inlet C-
"	4	" 10	68 $\frac{1}{2}$	3.157	1 st spin @ 4 ^{am}
"	8	Aug. 14	57°	1.857	- Reached -

No. 9 Tun.

Ale.

Aug. 8th

Malt - 5000 lb. C.M.C.

Hops - (25 B.C.³³), (20 Bar.³³ + 20 Fuggles), (20 B.C. ³³ Balling) = 8.5[#]

W.S. - 6M - 1.5 K.M.S. - 1qt > P. Off

6.58^{am} Mash - $\frac{167}{38}$
 7.51^{am} Underlet - $\frac{210}{8}$; Steam - 10
 8.35^{am} Sift Taps; Heat - 154
 Sparge - $\frac{170}{66\frac{1}{2}}$; Hop - $\frac{175}{22}$

First runs - 20.6^g
 Last - 1.55^g
 Water - 38
 8
 66 $\frac{1}{2}$
 2 $\frac{1}{2}$
 115

In Cap.

Out of Cap.

Balling.

980^g hll.- 10 $\frac{1}{2}$ c -- 880^g13.77^gYeast - *69 Brew (50 lb. + 1 $\frac{1}{2}$ f.)Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks
7.30 ^{am}	2	Aug 9	60°	13.15 ^g	13.40 @ 6 ^{am}
" "	3	" 10	69 $\frac{1}{2}$ °	8.55 ^g	Drill @ 7.45 ^{am}
" "	4	" 11	68 $\frac{1}{2}$ °	3.1 ^g	1 st Takim @ 4 ^{am}
" "	8	Aug 15	57°	17.5 ^g	- 1 Racked -

No. 10 Tun.

Alc.

Aug. 9.

Malt - 5000 lb. C.M.C.

Hops - (25 B.C.³³); (20 Bar.³³ & 20 Puffins); (20 B.C. Gals.) = 85[#]

US - 6 M - 1.5 K.M.S - 1 qt > P.

6.57^{am} Mash - $\frac{150}{38}$
 7.47 " Mucilicet - $\frac{210}{8}$; Steam - 11
 8.35 " Soft Taps; Heat - 152^W
 Sparge - $\frac{176}{66\frac{1}{2}}$; Hyg - $\frac{170}{12}$

First runs - 20.65

Last - 1.657

Water - 38

8

66

1

113

Into Cys.

987 hll.

-10-

Out of Cys.

886 hll.

Balling

13.87

Yeast - #70 Brew (50 lb. + 1 1/2 f.)

Air - 1 1/4

Time	Day	Date	Temp.	Balling	Remarks
7.30 ^{am}	2	Aug 10	68 $\frac{1}{2}$	13.17	B. 4 @ 7 ³⁰
7.30 ^{am}	3	11	69 $\frac{1}{2}$	8.557	Light @ 5 ^{am}
" "	8	Aug. 16	57	1.87	- Racked -

No. 3 Jun.

Ale.

Aug 13. th

Malt - 5000 lbs. C.M.C.

Hops - (25 B.C.³³), (20 Bavo.²¹ + 20 Fuggle³³); (20 B.C. Hops.³¹) = 85th

W.S. - 6 M - 1.5 K.M.S. - 1 qt > P.

6.57^{am} Mash - $\frac{150}{58}$
 Muddled - $\frac{210}{4}$; Steam - 11'7"
 Set 7 sps, Heat - 154"
 Sparge - $\frac{170}{66\frac{1}{2}}$; Hops - $\frac{120}{6}$

First runs - 20.7?
 Last - 1.65?
 Water - 38.4
 8
 66 $\frac{1}{2}$
 17
 113 $\frac{1}{2}$ >

Into Cys.
987 lbs.-10 $\frac{1}{2}$ -Out of Cys.
87 $\frac{3}{4}$ Belling.
73.7?Yeast - * 71 Brew (50 lbs. + 1 $\frac{1}{2}$ T.)Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Belling	Remarks
7.30 ^{am}	2	Aug 14	66 $\frac{1}{2}$	13.25?	B.H @ 6.45 ^{am}
"	3	" 15	69 $\frac{1}{2}$	8.7?	2 H.C @ 8.15 ^{am}
"	4	" 16	68 $\frac{1}{2}$	3.05?	1 st skin @ 4 ^{am}
"	8	<u>Aug 20</u>	57	<u>1.85?</u>	- Rashed -

No. 47
* Jun.

Alc.

Aug. 14.th

Malt - 5000 lb. C. M. Co. (New Cov.)
 Hops - (25 B.C.³³); (20 Bav. + 20 Fuggles); (20 B.C. Hops) = 85th
 W.S. - 6 M - 1.5 H. M.S. - 1/2 > P.

6.51^{am}

Mash - $\frac{150}{39}$
 Muddled - $\frac{210}{8}$
 Set Tapes; Heat - 154°
 Sparge - $\frac{170}{66}$; Hops - $\frac{170}{2 \frac{1}{2}}$

First run - 21.17
 Last - 1.67
 Water - 39
 66
 23
 115 $\frac{1}{2}$

Sub. Cys.
 98 Shells.

-9 $\frac{1}{2}$ -

Sub. of Cys.
 88 $\frac{1}{2}$ k

Balling.
 * 14.15⁷

Yeast - * 72 Brew (46 lb. + 1 $\frac{1}{2}$ f.)

Alc. - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks
7.30 ^{am}	3	Aug. 16	66 $\frac{1}{2}$	10--	B.H @ 9 ^{am} (1 st f.) 2 nd ht @ - 3 ^{am}
"	"	" 17	69 $\frac{1}{2}$	4.47	1 st skin @ - 1 P.M.
"	"	Aug. 21	57	2.25 ⁷	- Rashed -

No. 7 Run

Ale.

Aug. 15/34

Malt - 5000 lbs. C. M. G.

Hops - (25³³ B.C.S.), (20²¹ Bars. + 20³³ Fuggles); (20³³ B.C. Gals) = 85³³W.S. - 6 M - 1.5 K. W.S. - 19² P6.58^{am} Mash - $\frac{127}{39}$ 7.51 .. Malt - $\frac{24}{8}$; Steam - 11²8.35 .. Set Taps; Heat - 12²Spray - $\frac{121}{662}$; Hy - $\frac{121}{2}$

First runs - 21.0?

Last - 1.7?

Water - 39

 $\frac{66\frac{1}{2}}{2}$ 115²

Into G.

99² Shells - 10²

Out of G.

89²

Balling.

14.0?

Yeast - * 73 Brew (50 lbs. + 1²?)Air - 1⁴

Time	Day	Water	Temp.	Balling	Remarks
7.30 ^{am}	2	Aug. 16	60 ²	13.5?	B. H. Q. 5.40 ^{am}
"	3	" 17	6 ²	9.2?	In. let 0-
"	4	" 18	67 ²	3.6?	1 ² skin (2, 7 ^{am})
"	8	Aug. 22	59 ²	2.0 ²	- Racked -

No. 8 Tun.

Al.

Aug. 20/34

Malt - 5000 lbs. C. M. Co.
 Hops - (25 B.C.³³); (20 Bais³¹ + 20 Fuggles³⁷); (20 B.C. Glys.³³) = 85 #
 165 - 6 M - 1.5 K. M. S - 1st > P.

6.59^{am} Mash - $\frac{150}{39}$
 Mashed - $\frac{211}{7}$; Steam - 10%
 Set Taps, Heat - 15^u
 Spark - $\frac{17}{67}$; Hy - $\frac{120}{2\frac{1}{2}}$

First run - 20.9%
 Last - 1.5%
 Water - 39
 67
 $\frac{2\frac{1}{2}}{116\frac{1}{2}}$

28 Cg. Out of Cg. Bellin.
 100 < Ull. - 9 $\frac{1}{2}$ - 98 > hll. 1395⁹
 Yeast - * 75 Baw (53 lb. + 1 $\frac{1}{2}$ f.) Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Bellin	Remarks
7.30 ^{am}	2	Aug. 21	60°	13.35 ⁹	R. H. @ 5.15 am
"	3	" 22	61 $\frac{1}{2}$	8.5 ⁹	2 nd @ 6.45 am
"	4	" 23	69 $\frac{1}{2}$	3.15 ⁹	1 st skim @ 3 ^{am}
"	5	" 24	68 $\frac{1}{2}$	2.1 ⁹	
"	9	Aug. 28	51°	1.8 ⁹	- Racked -

No. 97 un.

Al.

Aug 22/34

Malt - 5000 lb. C.M.C.

Hops - (65 B.C.), (20 Bav³⁵ + 20 Fuggles³⁵); (20 B.C. Glys.³⁵) = 95th

W.S. - 6M - 1.5K. U.S. - 12/7 P.

6.57^{am}Mash - $\frac{47}{39}$
Mash - $\frac{310}{8}$; Steam - $10\frac{1}{2}$ Set Taps, Heat - $15\frac{1}{2}$ Sparg - $\frac{17\frac{1}{2}}{67}$; Hyg - $\frac{17\frac{1}{2}}{22}$

9

Dut. Cr.

 $106\frac{1}{2}$ c. hll.

Dut. Cr.

 $- 10\frac{1}{2}$ c. - 90 hll.

Yeast - * #76 Brew (50 lb + 127)

First mss - 21.15%

Last - 1.5%

Water - 397

8

67

22

1162

Balling.

14.0%

Air - 14

Time	Day	Qts	Temp.	Balling	Remarks
9.40 ^{am}	2	Aug. 23	60°		B.H. @ 9.40 ^{am} (late).
7.30 ^{am}	3	24	66°	10.7%	2.40 - Was then raised
"	4	25	69 $\frac{1}{2}$	4.25%	1 st skm @ 9.40 ^{am}
"	9	Aug. 30	57°	2.0%	- Racked -

No. 7 Jun.

Alb.

Aug. 27th

Malt - 5000 lbs. C. M. C.
 Hops - (25 B. C.³³), (20 Pils. 4.20 Fuggler³³); (20 Kaut³²) = 85[#]
 6.5 - 6 M - 1.5 K. M. S. - 1 qt > P.

6.57^{am} Mash - $\frac{153}{37}$
 Mashed - $\frac{211}{8}$; Steam - 10 $\frac{1}{2}$
 Set Taps; Heat - 153 $\frac{1}{2}$
 Sparge - $\frac{171}{68}$; H₂O - $\frac{170}{2}$

First runs - 20.65 $\frac{1}{2}$
 Last " - 1.67
 Water - 397
 8
 68
 2 $\frac{1}{2}$
 117

Into Cyp.
 10 M. S. - 9 $\frac{1}{2}$

Out of Cyp.
 9 $\frac{1}{2}$ M. S.

Belling.
 13.77

Yeast - & 78 Brew (50[#] + 1 $\frac{1}{2}$ F.)

Alc - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Belling.	Remarks.
7.30 ^{am}	2	Aug. 28	60°	13.257	B.H. @ 7 ^{am}
" "	3	" 29	69 $\frac{1}{2}$	9.17	2 ^{lt.} @ 9 ¹⁵ ^{am}
" "	4	" 30	69 $\frac{1}{2}$	3.37	1 st skim @ 7 ^{am}

Washed kept 6th 1.8.0/0

No. 8 Run.

Stout.

Aug. 29th

Malt - 5000 lb. C. M. C. + 250 lb. B. Barley,
 Hops - (25 B.C.), (20 Bav. + 20 Fuggle); (20 Kent) = 85[#]
 16 S - 6 M - 1.5 K. M. S. - ~~110~~ 110[#] P. - 91.9. rot - 3[#]; C. rot - 3[#]
 L. rot - 2[#]

6.58^{am}

Marsh $\frac{160}{40\frac{1}{2}}$
 Underbit $\frac{210}{8}$; Steam - 11 $\frac{1}{2}$

Set 7.45; Heat - 154 $^{\circ}$
 Gauge $\frac{170}{68}$; Hops - $\frac{170}{2}$

First runs - 20.75 $\frac{1}{2}$
 Last - 1.55 $\frac{1}{2}$

Water - 40 $\frac{1}{2}$
 $\frac{8}{8}$
 $\frac{68}{2}$

118 $\frac{1}{2}$

In to Cyp.

1027 lbs.

Out of Cyp.

- 92 $\frac{1}{2}$ -

925 lbs.

Balling.

14.5 $\frac{1}{2}$ Yeast From Keith's (46 lb. + 1 $\frac{1}{2}$ 7.)Air - 14 $\frac{1}{2}$

Time	Day	Date	Temp.	Balling	Remarks.
7.30 ^{am}	2	Aug. 30	57 $\frac{1}{2}$ $^{\circ}$	14.17	B. 14. (at 7 $\frac{1}{2}$ am)
"	3	" 31	66 $^{\circ}$	11.17	In to C. at 9.30 P.M.
"	4	Sept. 1	69 $\frac{1}{2}$ $^{\circ}$	5.77	1 $\frac{1}{2}$ skin @ -

Racked Sept. 6th 3.19 $\frac{1}{2}$

No. 9 Run

Sparkling Ale. Sept 6th/34

Malt 4500 lb. In bar

Hops, 15. B. L. 25. W. H. 10 Kuggles. 20. B. L. 8

6. W. S. 1.5 - R. M. S.

7.00 am Mash $\frac{150}{34}$

First run. 19.8%

Last " 1.3%

7.36 " Malt all in

7.50 " Underlet on $\frac{210}{8}$ Steam 10' x 12" Water 34

8.05 " Mash finished

8

8.35 " Let Tap 15' 4"

67

2

111

In hoppers

Out

Balling

95 1/2

85 1/2

12.9%

Yeast from Keiths 50 lbs

Baked. Sept 13th 2.2%

No. 4 Gem

Ale.

Sept 7th/34

Malt 5000 lb. M. Co. (Highland 58 Bags)
 Hops. 25 lb. b. 20. Fuggler 20. Boku 20. lb. b. H.
 6m. 6. S. 1. St. 7. P. 7

7.00 am Mash $\frac{150}{38}$

First runs 20.3%

Last " 1.4

7.35 " Malt all in

7.50 " Wndlet on $\frac{210}{8}$ Steam 10 1/2": Water 38

8.05 " Finished Mash 8

8.35 " hot Tap 154 H 64

2

115

In boiler

Out

Belling

94

88 1/2

13.9%

Yeast off 9 + 81 Brew 50 Lbs

Washed Sept 14th 2.8%

No. 8 Turn

Ale.

Sept 13th /34

Malt 5000 b. M. lo.

Hops 25. B. b. 20. Fuggles 20. Bahr. 20. B. b. G.
6. M. 6. S. 1. Lt. 7 P. 1.5 T. M. S.

7.00 am	Mash $\frac{150}{38}$	First run. 20.3
7.35 "	Malt added $\frac{210}{8}$	Last " 1.3
7.50 "	Underlit on $\frac{8}{8}$ steam 10. $\frac{1}{2}$ "	
8.05 "	Finished Mash	Water $\frac{38}{8}$
8.35 "	Set Tapir 154 #	$\frac{17}{2}$
	In boiler. 99	Out 88
		Balling 13.9%

Grant off No 83. B run. 65 Lbs

Reached - Sept. 20th (Ball - 2.0)

No 8 Linn Street Sept 14th 1834

Malt 5000. l. M. lo. 250. Burnt Barley
 Hops 25. B. lo. 20 Faggles 20 Bohns 20. B. l. M.
 v. S. G. M. 1-6 1/2. M. S. 118. P. M. 3. S. M. 3. G. R. 2 L. M.

7.00 ^{am}	Mash ¹⁵⁰ 39 1/2	First run 20.6%
7.35 "	Malt all in 210	Last " 1.4%
7.50 "	Underlet on 8 Steams 11. "	
8.15 "	Finished Mash	Water 39 1/2
8.35 "	Set Taps 154 1/4	8
		68
		2
		<u>117 1/2</u>
	In leaffer Oet	Balling
	101.	14.3%
		9 1/2

Yeast from Keiths 65. Lbs

Rechel - Sept. 21 - Ball - 2.9%

No. 4 run.

Sparkling Ale.

Sept. 19th

Malt - 45.00 lb. C. M. Co.
 Hops - 15 lb. ³³; 25³¹ Bais. + 10³³ Tuggles; 20 lb. ³³ C. Goldings - 70[#]
 S - 6 M - 15 K. M. S.

6.57^{am} Mash - $\frac{150}{34}$ 7.44 Undeakt - $\frac{210}{8}$; Steam - 10 $\frac{1}{2}$ 8.25 Set Taps; Heat - 15 $\frac{3}{4}$ Grain - $\frac{170}{87}$; Hyg - $\frac{170}{12}$

Kist runs - 19.6

Lent - 1.5 $\frac{1}{2}$

Water - 34

67

 $\frac{110}{2}$

In Cys.

25 $\frac{1}{2}$ lbs.- 10 $\frac{1}{4}$ -Out of Cys.
85 $\frac{1}{4}$ Bulling.
12.657Yeast - * 84 Bow (46 lb. + 1 $\frac{1}{2}$ 7.)Air - 1 $\frac{1}{4}$

Time	Day	Date	Temp.	Bulling	Remarks
7.30 ^{am}	2	Sept. 20			BHC @ 7:30 ^{5:00} AM.
" "	3	" 21	69 $\frac{1}{2}$	7. -)	In Ht @ 4.30 AM.

Washed Sept 26th 1.790.

No. 7 run.

Ale

Sept ~~27~~ ²⁰ #

Malt - 5000 lb. C. V. G.
 Hops - (25 B. C.); (20 ²³ Tuffast + 20 Boho.); (20 B. C. ²² G. Hops) = 85 #
 W.S. - 6 M - 1.5 K.M.S. 1 qt P.

6.58^{am} Mash - $\frac{150}{38}$
 Malt - $\frac{214}{8}$; Steam - $11\frac{1}{2}$
 Set Taps, Heat - 154°
 Gauge - $\frac{170}{67}$; Hops - $\frac{170}{12}$

First run - 20.3°
 Last " - 1.4°
 Water - 38
 8
 67
 $1\frac{1}{2}$

 $114\frac{1}{2}$

Into Cys Out of Cys Balling
 $98\frac{1}{2}$ lbs - 11 - $187\frac{1}{2}$ lbs. 13.9°

Yeast - * 84 (Brew) (50° + $1\frac{1}{2}$ f.) Air - $1\frac{1}{4}$

Time	Day	Date	Temp.	Balling	Remarks
7.30 ^{am}	2	Sept. 21	$60\frac{1}{2}^{\circ}$	13.29	B.H. @ 4.30 P.M.

Washed Sept 27. 2.2%

No 8 Inn

Ale

Sept 27th 1841

Malt 5000 l. M. l. o.

Hops 25 B. l. 20 Fuggles 20 Bohn. 20 B. l. S.

G. M. G. S. 1. 2. 1. 5 12. 2. S.

400 am	Wash $\frac{150}{38}$	First run 20.2%
735 "	Malt all in $\frac{210}{8}$	Last " 1.4%
750 "	Underlet on 8 steam 11."	
805 "	Wash finished	Water 38
835 "	bet Taps 154 th $\frac{140}{87}$	$\frac{68}{3}$
	In Copper	118
	Out	Balling
	98 $\frac{1}{2}$	13.9%

Yeast off. No 87. Brewt 48. Ybs

Washed. Oct 5th 2.3%

No. 9 Linn Ale. Sept 28th/34

Malt 5000. l. m. lo.

Hops 25. lb. l. 20 Fuzgls. 20 Bobs 20. lb. l. S.
l. m. l. S. 1 2t. 10. 1. 5th m. S.

7.15 am	Mash. $\frac{150}{38}$	First run	20.3%
7.50 "	Malt all in	Last "	1.6%
8.05 "	Wunderlet on 8 ²¹⁰ stans 11."		
8.20 "	Mash finished	Water	38
8.50 "	hot Lofa 1544		$\frac{8}{2}$

In keffer	Out	Balling
98 1/2	87 1/2	13.8%

Spent from Yeiths 50 lbs

Backed Oct 5th 2%

No. 4. Sun

Ale.

Oct 3rd / 34

Malt. 5000 L. M. Co.

Hops. 25. B. S. 20 Huggles 20. Bobs. 20. B. L. S.
6. M. 6. S. 1 Lt. P. R. 1.5 - 1/2. M. S.

400 am	Mash $\frac{150}{38}$	First run 20.2
435 "	Malt all in $\frac{250}{8}$	2nd run " 1.4%
450 "	Wunderlet on 8" steam 11"	Water 38
805 "	Mash finished	8
836 "	Set Saps 1544	67
		<u>2</u>
		115

In Copper

Out

Balling

98 1/2

88

13.8%

Yeast off No 88 Beer 50 lbs

Washed. Oct 10th 2.2%

No. 7 Sun. Ale. Oct 4th 134
 Malt 5000. c. m. co.
 Hops. 25. B. l. 20. Fuggles 20. Boils. 20. W. & C.
 6. m. 6 S. 1 Lt Portwine. 1.5 1/2 m. S.

7.00 am Malt $\frac{150}{38}$ First runs. 20.3
 7.35 " Malt cillins $\frac{210}{}$ Last " 1.5
 7.50 " Underlet on 8 htoans 11."
 8.05 " Mash finished Water 38
 8.35 " hot Taps 1544 $\frac{68}{2}$
 115

In hopper Out Balling
 98 1/2 87 1/2 13.9. 0/0

Yeast off No 89. Brew. 50 Lbs.

Rashed. Oct 11th 2. 0

No. 8. Duss

Sparkling Ale.

Oct 11th / 34

Malt 4500 G. M. G.

Hops 15. B. L. 25. Bark. 10. Yeast. 20. B. L. G.
G. M. G. S. G. M. S. 1. 5.

700 ans	Mash. $\frac{150}{33\frac{1}{2}}$	First run	20.1/2
735 "	Malt all in	Yeast "	1.1
750 "	Underlet on 8		
805 "	Mash finished	Water	33 1/2
835 "	Set Tap 16 H		8 6 1/2 2
	In offer	Out	Balling
	95.1/2	85	12.75%

Spent off. No. 90. Brew. 450 Hrs

Bashed Oct 18th 2.9%

No. 9 Beer

Ale.

Oct 12th /34

Malt 4000 l. M. l. a

Hops 25. P. l. 20. P. a. 20. Y. 9 g. 20. B. l. 20.

l. M. l. a. 1.5. Y. 2. M. l. a.

7:00 am	Mash $\frac{150}{38}$	First run. 20.3%
7:35 "	Malt all in $\frac{210}{8}$	Last " 1.8%
7:50 "	Underlet on 8. Steam 11. "	
8:05 "	Mash finished	Water .38
8:35 "	Set Saps 154 H	67
		8
		<u>2</u>
		115
	In Copper	Out
	98 1/2	88 1/2
		Balling
		13.8%

Yeast off. No 91 Beer 50 lbs

Racked. Oct 19th 2.0%

No. 4 Run

Ale.

Oct 18th / 34

Malt 5000 b. M. Co.

Hops 25. B. G. 20. Fuggles 20. Bams. 20. B. G. &
b. M. G. S. 1 1/2. P. R. 1.5 1/2. M. S.

700 am	Mash $\frac{150}{38}$	First runs 20.4%
735 "	Malt all in $\frac{210}{}$	Last " 1.7%
750 "	Worley let on 8 Steam 11."	
8.05 "	Mash finished	Water 38
835 "	hit Tap 167 11	8
		67
		2
		115
	In buffer	Out
	98 1/2	88 1/2
		Balling
		13.7%

Yeast off No 92 Brew 50. Lbs

Racked Oct. 25th 2.0%

No. 8 Jun

to Oct

Oct 19th / 34.

Malt 5000. b. m. bo. 250. Bunt Barley

Hops 25. lb. h. 20. Fuggle 20. Bow 20. lb. d.

b. d. 6. m. 1.5. m. d. P. H. 118. P. R. 3. O. H. 3. b. H. 2. H.

700 am	Mash $\frac{150}{39}$	First runs	20.5%
735 "	Malt all in $\frac{210}{8}$	Last "	1.6%
750 "	Underlet on 8	Steam	11.1/2"
805 "	Mash finished	Water	39
835 "	Set Saps 1544		8
			68 1/2
			2
			117 1/2
In Coffer	Out	Balling	
101	91	14.3%	

Yeast off No. 93. Brew 46. lbs

Bashed Oct 26th 2.7%

No. 9. Sun

Ale.

Oct 24th/34

Malt 5000. C. M. Co.

Hops. 26. B. Co. 20. Hughes 20. Barr. 20. B. Co.

G. M. Co. S. 1 Lt. P. W. 1.5 1/2. M. S.

6.55. am	Mash $\frac{150}{37}$	First run	19.7%
7.30. "	Malt all in $\frac{710}{8}$	Yeast	1.8%
7.45. "	Underlet on 8 Straws 11.1/2. "		
8.00. "	Finished Mash	Water	37
8.30. "	Set Tap 154*		67 1/2
			113 1/2
	In Copper	Out	Balling
	98	87 1/2	13.7%

Yeast off. No. 94. Brew 50 lbs.

Washed Wort $\frac{1}{1}$ 2.2%

No. 4 Gun

Ale.

Oct 25th / 34

Malt 5000 b. W. S.

Hops. 25. P. 20. Guggles. 20. Bars. 20. B. & G.

b. W. 6. S. 12. P. 1. 5 7/8. W. S.

655 ⁰⁰	Mash ¹⁵⁰ 38	First run	20.4%
730	" Malt all in ²¹⁰	Last "	1.7%
745	" Underlet on 8	Steam	11 1/2"
800	" Finished Mash	Water	38
830	" Set Tap ⁴ 153 ⁴		66
			<u>2</u>
			114
	In 6 offer	Out	Balling
	98	84 1/2	13.9%

Yeast off. No. 95. Brew 50 lbs

Mashed Wort. 1st 2.1%

No. 7. ⁴ Sun

Ale.

Nov. 1st / 34

Malt 5000 lb. M. Co

Hops 25 lb. Co. 20. Kegs 20. Bars. 20. B. Co. S.

b. d. b. M. 1. 2nd. P. R. 1. 5 7/2 M. S.

700 ^{ann}	Mash $\frac{150}{38}$	First runs	20.2%
735	Malt all in $\frac{210}{8}$	Last "	1.7%
750	Underlet on 8 steam 12"		
805	Mash finished	Water	38
835	Set Saps 15 H ⁺⁺		68
			113
	Drs Copper	Out	Balling
	98	88	13.9%

Yeast off. No. 97. Brew 50 lbs

Backd. Nov. 8th 2.1%

No. 8. Linn

All.

Nov. 7th/34

Malt 5000. G. M. No.

Hops. 25. B. S. 20. Huggles. 20. Bohs. 20. B. S. S.

G. M. G. S. 17. P. H. 1. 5. G. M. S.

700 ^{am}	Mash $\frac{150}{38}$	First run	20.2%
735"	Malt all in $\frac{210}{8}$	Last "	1.8%
750.	Undrilt on 8	Steam 12"	
805"	Mash finished	Water	38
835"	Set Taps 154 ⁴		68
			<u>2</u>
			114
	In loffer	Out	Boiling
	98	87 $\frac{1}{2}$	13.9. %

Yeast off. No 94. Brew 50. Lbs

Backed. Nov. 9th 2. %

No. 98 Jun

Alc.

Nov. 7th /34

Malt 5000. l. M. l. o.
 Hops 25. lb. l. 20. Fuggles 20 lb. 20. lb. l. l.
 l. l. l. M. 1. 2th Portness. 1.5 1/2. M. l.

700 am	Wash $\frac{150}{38}$	First run. 20.40
735 "	Malt alk in	Last " 1.70
750 "	Underlet on $\frac{210}{8}$ steam 12"	
805 "	Wash finished	Water 38
835 "	Set Saps 15H "	8
		66
		2
		<u>114</u>
	In leffer	Out
	98.	88.
		Balling
		13.8%

Up at off. No. 98. Run 50 lbs.

Rashed Nov. 14th 2.0%

No. 4. Jun

Ale.

Nov. 8th / 34

Malt 5000. l. M. l.

Hops. 25. lb. 20. Guggli. 20. Baus. 20. B. l. &

6. S. 6. M. 12th H. H. 1.5. 72. M. S.

700 am	Mash $\frac{150}{38}$	First run	20.3%
735 "	Malt all in	Last "	1.7%
750 "	Underlet on $\frac{210}{8}$ dtans. 12"		
805 "	Mash Finished	Water	38
835 "	Set Gape 154 "		68
			<u>114</u>
	In loffer	Out.	Balling
	98.	87 1/2	13.9%

Yeast off No 99. B rest 50 Lbs

Rashed. Nov. 15th 2.%

No. 8 Gun Stout Nov. 9th/34
 Malt 5000. G. M. br. 250. Burnt Barley
 Hops 25. B. L. 20. Bav. 20. Eng. gls. 20. W. S. S.
 C. M. 6. S. 118. P. M. 3 Lbs. S. M. 3. L. W. 2. L. P. 1.5 $\frac{1}{2}$ M.

655 ans	Mash $\frac{150}{40}$	First run	20.7%
788 "	Malt all in	Last "	1.8%
760 "	Undulst on $\frac{210}{8}$	Steam	12 $\frac{1}{2}$ "
805 "	Finished Mash	Water	240 $\frac{1}{2}$ %
835 "	bet Saps 1544	Wash	$\frac{68}{2}$
	In offer	Out	$\frac{118}{14.3}$ %
	102	92	

Yeast off No. 99. 15 new 45 lbs

Reached Nov. 16th 2.8.0/0

No. 9.5m

All.

Nov. 14th/34

Malt 5000. G. W. Co.

Hops 25. B. G. 20. Baw. 20 Fuggle. 20. B. G. S.

G. M. G. S. 1 Lt. P. H. 1.5 T. M. S.

400 ⁰⁰ air	Mash $\frac{150}{38}$	First run	20.90
735 ⁰⁰ "	Malt all in $\frac{210}{8}$	Last	" 1.9
750 ⁰⁰ "	Unchilled on 8	Steam	12"
805 ⁰⁰ "	Finished Mash	Water	38
835 ⁰⁰ "	Hot Laps 153 ⁺⁺		66
			8
			2
In Copper	Cost	$\frac{1}{4}$ Balling	
98	88		13.7.00

Yeast off. No 100 Brew 60 Lbs.

Washed. Nov. 21st 2.90

No. 4 Linn

Alb.

Nov. 15th / 8.

Malt 5000 lb. M. lo.
 Hops. 25. B. lo. 20. Fuggles 20. Bams 20. B. lo.
 G. S. G. M. 1. 7 t. P. H. 7. 2. M. S. 1. 5.

700 am Mash. $\frac{150}{38}$
 735 " Malt all in First runs 20.
 750 " Underlet on $\frac{210}{8}$ steam 13. " Last " 1. 2
 805 " Finished Mash Water 38
 835 " Set Gaps 1544 46
 2

Smiloffen. Cist. Balling
 98 87 1/2 13.850/0

Yeast off. No 101. Brew. 50 Lbx

Washed. Nov. 22nd 2.10/0

No. 7 Line

All.

Nov. 21st/34.

Malt 5000. b. M. lo.

Hops 25. B. b. 20. Fuggles 20. 450v. 20. B. b. 6.

b. s. b. M. 1. 2t. H. B. K. M. S. 1. 5. 2lbs

3%	700 am	Wash	$\frac{150}{38}$	First runs	20.2%
0%	735 "	Malt alkali		Last "	1.6%
750 "		Underlet on	$\frac{210}{8}$	Steam	13."
805 "		Finished Wash		Water	38
835 "		bet Saps	164H		8
					60
					2
					<u>11.4</u>
		Inopper	Out	Balling	
		98	87½	13.7%	

Yeast off No. 103 Brew 50 lbs

Washed. Nov. 28th 2.1%.

No. 8. *Gen* Sparkling Wort. 27^{net}/34
 Malt \$5.00 C. M. Co.
 Hops. 15. B. 6. 10. Fuggles 25. B. 20. B. 6. 8
 6. S. 6 M. 1.5. 7.2. M. S.

700 *am* Mash $\frac{150}{34}$ First run 19.9
 735 " Malt all in Last " 1.3
 750 " Underlet on $\frac{210}{8}$ Steam 12. 1/2"
 805 " Finished Mash Water 34
 835 " hot Hops 154 1/4

In leaffer. Out. Balling
 95 84 1/2 12.9%

Yeast off No. 103. Brew 50 lbs
 Boiled. Nov. 29th 1.9%

Nov. 9. Sun

Alc.

Nov. 23rd/34

Malt 5000. G. M. Co.

Hops 25.75. G. 20. Baum. 20. Kugler. 20. H. G. S.

G. M. G. S. 1. 2. 1. P. H. 1.5 - 1/2 M. S.

7.00 am	Mash	$\frac{150}{38}$	First run	20.5%
7.35 "	Malt all in	210	Fast "	1.4%
7.50 "	Unclit on	8	Steam	13. "
8.05 "	Finished Mash		Water	38
8.35 "	Set Tap	154 H		8
				66
				<u>2</u>
				114
	Iron Mopper	Out	Balling	
	98	87 1/2	13.9%	

Yeast off. No 104 Brew. 50 Lbs

Reached Nov. 30th 2.2%

No. 4. Line

Alc.

Nov. 28th /34

Malt 5000 lb. M. Co.
 Hops 25 lb. G. 20. Bars. 20. Huggles 20. B. G. H.
 G. S. G. M. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

700	Wash ¹⁵⁰ / ₃₈	First runs	20.2%
735	Malt all in	Last "	1.3%
750	Underlet on ²¹⁰ / ₈ Steam 13"		
806	Finished Wash	Water	38
836	Set Sops 15-44		66 ⁸ / ₁₂
			<u>7</u>
			114 ¹¹ / ₂
	In loffer	Out	Balling
	98 ¹ / ₂	88	13.8 ⁺ / ₀

Yeast off. No. 106 Brew. 50 Lbs.

Checked. Dec. 5th 2.1%

No. 7. June Ale Nov. 29th/34

Malt 5000. l. m. l. c.

Hops. 25. B. l. 20. B. s. 20. Fuggles. 20. B. l. &
 l. s. l. m. 1. 2. 1. 5 1/2. m. s.

700 am Mash $\frac{150}{38}$ First run 20.1%

735 " Malt all in $\frac{210}{8}$ Last " 1.8%

750 W. r. d. l. e. t. on 8 steam 13"

805 Finished Mash Water 38

835 Set Taps 154 H

$\frac{8}{66\frac{1}{2}}$

$\frac{2\frac{1}{2}}{115}$

In Hooper Out Balling
 98 1/2 87 1/2 13.8%

Yeast off No 107. Brew 50. lbs

Racked Dec. 6th 2%.

No. 8 ¹/₂ Linn

Ull.

Dec. 5th /34

Malt 5000. U. M. No

Hops 25. P. G. 20. Puggles 20. Bawa 20. B. U. S.
b. S. G. M. 192 P. H. 1.5. 1/2. M. S.

400 ^{only}	Mash $\frac{150}{38}$	First run	20.0%
735 "	Malt all in $\frac{210}{8}$	Last "	1.8%
750 "	Wunderlet & Steam 13."		
805 "	Finished Mash	Water	38
835 "	bet Taps 154 "		8
			66 1/2
			2
	In Copper	Out	174.1 "
	99.	89.	13.6%

Yeast off No 108. Brew. 60 Lbs

Rashed 12th 2.1% Baling

No. 4. Lem

Ale.

Dec. 6th /24

Malt 5000 lb. M. Sec

Hops. 25. lb. G. 20. P. 20. Bobs. 20. H. L. S.

G. S. G. M. 12. P. 1.5. G. M. S.

700^{one} Mash $\frac{150}{38}$ First run 20.3%

735" Malt all in Last " 1.8%

750 - Unmalted on 8. Steam 13."

806" Finished Mash Water 38

835" Set Taps 16 1/4 H

In hopper	Cest	11 1/2
78 1/2.	88.	13.8%

Yeast off No 109. Brew 50 lbs

Packed. Dec 19th 2.9% Balling

No. 4. Linn

Alc.

Dec. 13th / 34

Malt 5000 lb. W. lo.

Hops 20. W. lo. 20. Fuggles 20. Bav. 20. W. lo. 8.
b. s. b. W. 1 1/2 lb. 1/2 lb. 1.5 1/2 W. s.

700 am	Wash. ¹⁵⁰ 38	First run 20.7.0%
735 "	Malt all in	Last " 1.7.0%
760 "	Washed on ²¹⁰ 8 steam 13."	
805 "	Finished Wash	Water 38
835 "	Set Hops 15 1/4"	8
		67
		2
		<hr/>
		5
	In copper Out	Balling
	99 1/2 89 1/2	13.7.0%

Yeast off No 110. Brew 50 lbs.

Watch Thin Brew 5 lbs. Less Hops

Rashed. Dec. 20th 2%.

No. 8. Turn Stout. Dec. 14th 1834
 Malt 5000. b. M. 60. 250. Burnt Barley.
 Hops 20. B. 6. 20. K. 20. 20. B. 20. B. 6.
 6. M. 6. 118. P. 3. 4. 3. 6. 2. 2. 1. 5. 1/2. M. 6.

7.05 am	Mash $\frac{160}{39}$	First run	20.390
7.40 "	Malt all in	Last "	2.10/0
7.55 "	Wanderston & Stearns 13"		
8.10 "	Finished Mash	Water	29
8.40 "	Hot Laps 1634		8
			69
			2
			<hr/>
	In keffer	Out	118
	102	92	Ballings
			13.9.0

Yeast off. No. 110. Brew 50 Lbs

Watch Lhs Brew 5. Lhs Less Hops

Recheck. Dec. 26th 2.0/0

No. 9 Sun

Ale.

Dec. 19. th/34

Malt 5000. l. M. 60.

Hops. 20. lb. l. 20. Fuggles. 20. Baum. 20. lb. l. S.
b. M. b. S. 1. 2. P. 1. 0. 1/2. M. S.

700 am	Wash $\frac{150}{38}$	First runs	20. 9/0
735 "	Malt all in	Last "	1. 9. 9/0
760 "	Underlet on $\frac{210}{8}$	Steam	13. "
805 "	Finished Wash	Water	38
835 "	Set Gaps 153 H		67
			1
			11 1/2
In Copper	Out	Balling	
99 1/2	89 1/2	13. 6 9/0	

Yeast off No 112 Brew 60. lbs

Watch this Brew. Hops same as 112. & 113. Brew

Racked Dec. 27. th 2. 9/0

No. 4. Jun.

All.

Dec. 20th / 34

Malt 6000. L. M. Co

Hops. 20. B. S. 20. Fuggles 20. Bass. 20. B. S. S.
6. M. G. S. 1 7/8 lb. 1.5 lb. M. S.

700 am	Mash $\frac{150}{38}$	First run	20.9%
735 "	Malt all in	Last "	1.9%
750 "	Un derlet on $\frac{210}{8}$ steam	13. 1/2 "	
805 "	Finished Mash	Water	38
835 "	Set Saps 1534		66
			2
			114
	Ins boffer	Out	Balling
	98. 1/2.	88	13.65%

Yeast off No. 113. Brew 50 Lbs

Same Hops 114. Brew.

Racked Jun 2nd 2.2%.

No. 7. Sun.

Ale.

Dec. 26th / 34.

Malt 5000. S. M. Co.

Hops. 20. B. S. 20. Fuggles. 20. Barr. 20. B. S. S.

S. S. S. M. 1. 2 to P. H. 1. 5. 72 M. S.

700 am	Mash $\frac{150}{38}$	First runs	20.7%
735 "	Malt all in	Last "	1.6%
750 "	Underlet on $\frac{210}{8}$	Stems	14. "
8.05 "	Finished Mash.	Water	38
8.35 "	Set Laps 154 "		8
			68 1/2
			2
			71.3 1/2
	In boiler	Out	Balling
	98	87 1/2	13.7%

Yeast off No. 114 Brew. 50 lbs

Washed. 3. ⁵⁰ 2.1% Jan.

No. 89 em

Al.

Dec. 27th/34.

Malt 5000 lb. Ws. Co.

Hops. 20. B. 20. Fuggles. 20. Bams. 20. B. B. 8.

6. S. 6. Ws. 1. 2h. P. R. 1. 5. 7h. M. S.

7.00 am Mash $\frac{150}{38}$ First runs. 20.4%

7.35 " Malt all in Last " 1.6%

7.50 " Underlet on $\frac{210}{8}$ Steam 14."

8.06 " Finished Mash Water 38

8.35 " Set Taps 154 H $66\frac{1}{2}$

In Copper	Out	Balling
98.	87	13.8%

Yeast off No 114. Brew 50 lbs.

Washed. Jan 4th 2.190

No. 9. Linn

Ale.

Jan'y 2nd / 35

Malt 5000 lb. M. 60.

Hops. 20. B. 6. 20. Kuggles. 20. Bant. 20. B. 6. S.

b. s. b. M. 17th P. B. 1.5th M. S.

700 am	Mash $\frac{150}{38}$	First runs 20.5%
735 "	Malt all in	Last " 1.6%
750 "	Unolelet on $\frac{210}{8}$ Steam 14."	
8.06 "	Finished Mash	Water 38
835 "	Set Laps 154.4	65 $\frac{1}{2}$ 1 $\frac{1}{2}$

In Loffer	Out	Balling
98	88	13.8%

Yeast off. No. 116 Brew. 45 Lbs.

Rashed Jan 4th 2.1%

No. 4 Beer

Ale.

Jan 3rd/35-

Malt 5000. l. M. l. o.

Hops. 20. B. l. 20. Luggs. 20. B. l. 20. B. l. &
6. M. 6. S. 1 1/2. P. H. 1. 5 1/2. M. d.

7.00 am	Mash. $\frac{150}{38}$	First run	20.5%
7.35 "	Malt all in	Last "	1.8%
7.50 "	Underlet on 8	steams 14 "	
8.05 "	Finished Mash	Water	38
8.35 "	Set Taps 154 "		8
			65 1/2
			2
			113 1/2
In boiler	Out	Balling	
98.	87.		13.9%

Yeast off No 117. B. seed. 46. lbs.

Mashed Jan 10th 2.1%

No. 7. *Turn* Sparkling Jan. 9th/35
 Malt ~~4500~~ 6. M. 60.
 Popn. 15. 15. 6. 10. Aug. 20. 13. 20. 13. 6. 4.
 4. M. 4. 6. 1. 5 1/2. M. 4.

700 <i>anz</i>	Mash $\frac{150}{35}$	First runs	20.2%
735 "	Malt all in	Last "	1.5%
760 "	Underlet on $\frac{210}{8}$ Steam 13 1/2 "		
805 "	Finished Mash	Water	35
835 "	Set Saps 15 1/4		60
			2
			<hr/> 111
	Dr coffee	Out	Balling
	96.	86	12.9%

Yeast off No. 118. Brew 45 lbs.

No. 8. Sun

Ale.

Jan 10th / 36.

Malt 5000 lb. M. Co. New. 3. Bar Net
 Hops. 20. B. L. 20. Fugger. 20. Band. 20. B. L. 4.
 6. M. L. S. 12t. P. H. 1. 5th. M. S.

700 am	Mash	$\frac{150}{38\frac{1}{2}}$	Lint new	20.5%
735 "	Malt all in		Lost "	1.5%
750 "	Wanderlet on 8	$\frac{210}{8}$	Steam	13 ^{1}{2}"}
805 "	Finished Mash		Water	38 ^{1}{2}}
835 "	ket Taps	154 H		$\frac{8}{.66\frac{1}{2}}$

In Copper.	Out.	$\frac{116}{13.9.90}$
99.	88 ^{1}{2}}	Balling

Grant No 119. Brew 45. lbs

No. 9. Sun.

Alle.

Jan 15th / 30

Malt 5000. l. M. lo.

Hops. 20. lb. l. 20. Fuggles 20 Bar 20. B. l. C.

l. M. l. S. 12 l P. H. 1.5 1/2 M. S.

7:00 am	Wash ¹⁵⁰ 38 1/2	First run	20.3%
7:35 "	Malt all in	Last	1.70%
7:50 "	Wanderlet on ²¹⁰ 8 steam	13. 1/2 "	
8:05 "	Finished Wash	Water	38. 1/2
8:35 "	Set Saps 15 1/4 H		8
			66 1/2
			3
			1 1/4
	In coffee	Out	Balling
	99 1/2	89	13.9%

Yeast off. No. 120. Brew 45 ltr.

Rashed. Jan 22nd 2.1. %

No. 4 Run. Ale. Jan. 16th/36.

Malt. 5000. S. M. bar.

Hops 20. B. L. 20. Fuggles 20. Bar. 20. P. 6. &
6. M. 6. S. 1 Lt. P. R. 1. 5 1/2. M. S.

7.00 am	Mash $\frac{150}{39}$	First runs	20.7.0%
7.35 "	Malt all in $\frac{210}{5}$	Fast "	1.6.0%
7.50 "	Winklet 8	Steam	13 1/2 "
8.05 "	Finished Mash	Water	39
8.35 "	Set Taps 15 1/4. H		8
			67
			3
	In Copper	Out	$\frac{157}{13.9.0\%}$
	101	90	

Grant off No. 124 Brew. 45. Lbs.

Backed. Jan. 23. 2.1.0%

No. 8. Sun

Start

Jan 17th/35

Malt. 5000. b. M. No. 250. Burnt Barley.
 Hops. 20. B. b. 20. Fuggles. 20. Pils. 20. B. b. S.
 b. M. b. S. 1.5. G. M. S.
 117.12 Lbs. P. R. 3. S. M. 3. b. R. 2. R. L.

700 am

Mash $\frac{150}{40}$

First run. 21.0%

735 "

Malt all in $\frac{210}{8}$

Last " 1.7%

750 "

Unsoluble 8

Water 40

805 "

Finished Mash.

8

835 "

Set Laps 154¹⁷

3

120

In loffer

Out

Balling

104.

93¹/₂

14.3%

Yeast off. No 121. Brew 45. Lbs.

Rashed. Jan. 24. th 2.7%.

No. 9. Lum.

Ale.

Jan 23rd/35

Malt. 5000. C. M. 600.

Hops. 20. R. 20. Huggles. 20. Davl. 20. R. G. S.

C. M. 6. S. 1. 9. P. 1. 5. 7. M. 4.

7.00 ^{am}	Mash. $\frac{150}{38\frac{1}{2}}$	First runs	20.5%
7.36 ^{..}	Malt all in	Last "	1.6%
7.50 "	Underlet on $\frac{210}{8}$	Steam	13.1/2"
8.05 "	Finished Mash.	Water	38 1/2
8.35 "	Let Tap 155 ^{..}		8
			68 1/2
			2
	In leaves.	Out	11 7/8
	102.	91 1/2	13.8%

Yeast off No 122 Brew. 45. Lbs.

Bashed. Jan. 30th 2.1%

No. 4. Gun Uli. Jan. 24th/35

Malt 5000. G. M. G.

Hops. 20. B. G. 20. Fuggles. 20. Bass. 20. B. G. G.
G. M. G. S. 1. 2. 3. 4. 5. 6. 7. 8.

7.00 am	Mash. $\frac{150}{38\frac{1}{2}}$	First run. 20.9%
7.35 "	Malt all in	Last " 1.7%
7.50 "	Underlet on $\frac{210}{8}$ Steam 13."	
8.05 "	Finished Mash	Water 38 $\frac{1}{2}$
8.35 "	Set Taps 155 ^H	6 8 $\frac{1}{2}$
		2
		<hr/>
	In Copper	Out. 117
	102	9 $\frac{1}{2}$ 13.8%
		Balling

Heat off No. 123 45 net. 46. Lbs.

Backed. Jan 31st/35. 2.1 %

No. 7. Sun

Ale.

Jan. 29th 1887

Malt 5000. b. m. bo.

Hops. 20. B. b. 20. Huggles. 20. Bams. 20. B. b. &

b. m. b. d. 1. 2. P. B. 1.5. 7. 2. K. d.

7.00 am	Mash. $\frac{150}{39}$ lbs	First run	20.5%
7.35 "	Malt all in	Last "	1.5%
7.50 "	Wanderston $\frac{210}{8}$	Steam	13. 1/2 "
8.05 "	Finished Mash	Water	39
8.35 "	Set Taps 154 "		8

In buffer	Out	Balling
102.	92.	13.8%

Yeast off. No 125. Bams

Packed. Feby. 5th 2.3%

H. & G. Linn.

All.

Jan 30/35

Malt 5000. G. M. Co.

Hops 20 lb. G. 20. Huggles 20. Bar 20. B. & S.
G. M. G. S. 1. G. H. R. 1.5. G. M. S.

700 am	Mash $\frac{150}{39}$	First run. 20.9%
735 "	Malt all in	Last " 1.70%
750 "	Wanderlet on ²¹⁰ Steam 13.1/2"	
805 "	Finished Mash.	Water 39
835 "	Set Gaps. 15 H. +	68
		<u>2</u>
	In looper	117
	102	Ceet 91.1/2
		Balling 13.90%

Heart off No 126. Brew 45. G. L.

Reached. Feby. 6th. 2.2.0%

No. 9. Jan

All.

Jan 31st/35

Malt 5000 c. M. Co.

Hopu. 20. B. 6. 20. Fuggls. 20. Baw. 20. B. h. S.

6. M. 6. S. 1. It. P. R. 1. 5-4 m. S.

700 ^{am}	Mash $\frac{150}{38\frac{1}{2}}$	First run	20.8%
735 "	Maltallin	Last "	1.6%
750 "	Wolent on $\frac{210}{8}$	Steam	13 $\frac{1}{2}$ "
8:05 "	Finished Mash.	Water	38 $\frac{1}{2}$
8:35 "	Set Tapu 15-6 #		8
			68 $\frac{1}{2}$
			<u>2</u>
In Copper	Out	Balling	$\frac{7}{13.9}$
102-	91.		

Yeast. aff. No 126 Brew.

Reced. Feby. 7th 2.2%

No. 4. Jan

Alc.

Feb. 6th/35:

Malt 500 lb. M. L.

Hops. 20. B. 20. Fuggles. 20. Bam. 20. P. 4 L.
6. M. 6. S. 1. Ltr. P. R. 1.5 7/2 M. S.

700 am	Mash ¹⁵⁰ 38 1/2	First run	20.5%
735 "	Malt all in	Last "	1.7%
750 "	Washed over ²¹⁰ 8	Steam	13"
805 "	Finished Mash	Water	38 1/2
835 "	Set Taps 1544		<u>8</u> 6 8 1/2 <u>2</u>
	In Kopper	Cut	Balling ⁷
	102	9 1/2	13.8%

Yeast off No 128 Brew. 45 Lbs

No. 8. Ten

Ale.

Feb. 7th/35-

Malt 5000. b. M. 60.

Hops 20. B. 20. Yuggles 20. Bass 20. H. b. S.

b. d. 6. M. 1. 7. H. 1. 5. 4. M. d

700 am	Mash $\frac{150}{39}$	First run. 20. 8%
735 "	Malt all in	Last 1. 5%
750 "	Knocklet over $\frac{210}{8}$ Steam 13. 1/2"	
806 "	Finished Mash.	Water 39
835 "	Set Tops 154. 1/2. +	68
		67
		3
		<hr/> 117
Low offer	Out	Balling
101	90	13. 9%

Ye out off No. 129 B. run. 45 Lbr.

May 25 - June 13.

No. 9 Linn Alle. Feby. 13th / 35-

Malt 5000. S. M. L. G.
Floer. 20. B. S. 20 Fuggen. 20 Baus. 20. P. M. G.
S. M. U. S. 1 7th P. H. 1.5 72. M. S.

First run 20.5%
Last " 1.8%

400 ans
735 "
750 "
805 "
835 "

Mash. $\frac{150}{39}$
Malt all in
Washed on $\frac{210}{3}$ steam 13. 1/2"
Finished Mash.
Set Tap 154 H

Water 39
8
2

In loffer. Out. 117
102. 91 1/2. 13.9%

Yeast off No 130. Brew

Marked. Feby. 20th 2.1%

No. 14. Sun Spraying Ale. July. 20th/56.

Malt 4500. S. M. Co.

Hops. 15. P. Co. 20. Fuggles. 25. B. Co. 20. P. Co. 1/4th

G. M. Co. S. ~~17. P. Co.~~ 1. 5: ~~17. P. Co.~~

700 ^{ans}	Mash. $\frac{170}{35}$	First run	20.3%
735 "	Malt all in	Last "	1.4%
450 "	Underbit on $\frac{210}{8}$ Steam 13. "		
8.05 "	Finished Mash.	Water	35-
8.35 "	Hot Lof. 15-54		8
			67
			<u>242</u>
			113 1/2
	In Copper	Out	Balling
	97.	87.	12.95%

Yeast off. No 132. Brew.

Washed July 27th 2.9%

No. 8. Tenn.

Ale.

Feb. 21st/05.

Malt 5000. G. M. Lx.

Hops. 20. Fuggles. 20. B. L. 20. Bav. 20. B. L. & 1934

G. M. L. S. 1.2 to P. H. 1.5 H. M. S.

700 am	Mash. $\frac{150}{38\frac{1}{2}}$	First run	20.7%
735 "	Malt all in	Last "	1.6%
750 "	Underlet on $\frac{2\frac{1}{2}}{8}$ 13" steam		
805 "	Finished Mash.	Water	38 $\frac{1}{2}$
835 "	Set Yaps 156 ⁴		8
			68 $\frac{1}{2}$
			<u>2</u>
	In offer	Out	117
	102.	91 $\frac{1}{2}$	Balldry.
			13.8%

Yeast off No 132 Brew. 45 lbs.

Packed Feb. 28th 2.1%

No. 9. Jan. Ale. Feby. 27th/55-

Malt 9000. b. M. b. a.

Hops. 20. Fung. glu. 20 B. b. 20. Bass. 20. B. b. S.

b. M. b. S. 1. 7th P. M. 1. 5th M. S.

700 ^{ans}	Wash $\frac{150}{38\frac{1}{2}}$	First run	20.8%
735 ¹¹	Malt all in	Last "	1.5%
750 ¹¹	Knobult on $\frac{210}{8}$ Steam 13. "		
805 ¹¹	Finished Wash.	Water	38 $\frac{1}{2}$
835 ¹¹	ket Toppe 155 ¹⁴		$\frac{8}{68\frac{1}{2}}$
			$\frac{2}{117}$
In b. offa	Out	Balling	
102	91 $\frac{1}{2}$	13.8.%	

Yeast off No 134. Brew 44. Lbs.

Reached March 6th 2.%

No. 4. Sun Sprinkling All. ¹⁹March 27/35
 Malt 4500. G. M. L. A.
 Hops. 15. B. G. 10. Fuggles. 25. Baw. 20 B. G. G.
 G. M. G. A. 15. G. M. A.

700	Wash.	$\frac{150}{35}$	First	20.6%
735	"	Malt all in	Cent	1.3%
750	"	Washed on $\frac{216}{8}$	Steam 13."	
805	"	Finished Wash.	Water	35
835	"	Hot Hops 155 H		9
				67
				2
				<u>113</u>
	Ink offer.		Out	Ballen
	98.		8 1/2	12.9%

Yeast off No 135 Brew. 45 Gm.

Rashed. March 13th 1.9%

No. 8. Jan. All. March 7th/35

Malt 5.000 c. 2m. 6a.

Hops 20. Sugar 20. B. h. 20. B. v. 20. B. b. 6.
c. m. 6. s. 1.5-72 m. s.

700 am	Mash $\frac{150}{38\frac{1}{2}}$	First run	20.3%
735 "	Maltallin	Last "	1.8%
760 "	Washed on $\frac{210}{8}$	Steam 13."	
805 "	Finished Mash	Water	38 $\frac{1}{2}$
835 "	Set Gape 154 ⁺		68 $\frac{1}{2}$
	In looper	Out	$\frac{119}{13.7\%}$ Balling
	102.	91.	

Yeast off. No. 135 Brew. 46. Lbs.

Reached March 14th 2.1%

No. 9. *Linn* Ale. March 13th 185-

Malt 5000. G. M. Co.
 Hops. 20. Guggler 20. P. G. 20. Bass. 20. H. G. S.
 G. M. G. S. 15. G. M. S.

700 am	Mash. $\frac{150}{38\frac{1}{2}}$	First runs	20.6%
735 "	Malt all in	Last "	1.7%
750 "	Wunderlit on $\frac{210}{8}$	steams 13 "	
805 "	Finished Mash	Water	38 $\frac{1}{2}$
835 "	Set Taps 155 H		$\frac{8}{67\frac{1}{2}}$
			$\frac{2}{13.8\%}$
	In looper	Out	Balling
	101	91	13.8%

Yeast off No. 137. Brew. 45. Lbs.

Reached March 30th 2.2%

No. 8. *Gu* Ale. March 20th/35

Malt 5000. G. M. Leo.

Hops. 20. Huggles 20. B. b. 20. Baw. 20. B. b. &

G. M. b. d. 1.5 G. M. d.

7.00^{am} Mash $\frac{150}{38\frac{1}{2}}$ First runs 20.7%

7.35 " Malt all in Last " 1.7%

7.50 " Underlet on ²¹⁰ 8 Steam 12. "

8.05 " Finished Mash Water 38 $\frac{1}{2}$

8.35 " Wet Taps 155^H $6\frac{7}{12}$

2

In boiler Out $1\frac{1}{6}$
101. 91. Balling
13.9%

Yeast off No. 138. Brew 45 $\frac{1}{2}$

Washed March 27th 2.2%

No. 9. Lem

Stout.

March 21st/35

Malt 5000 lb M. Co. 250. Burnt Barley
 Hop 20. Fuggles. 20. B. Co. 20. Baw. 20. B. Co. 4
 6. M. Co. 3. 1.5 lb M. Co.

117 1/2 lbs P. R. 3. B. R. 2. L. R. 3. G. R.

7.00 am	Mash $\frac{150}{40}$	First run	20.9%
7.35 "	Malt all in	Last "	1.8%
7.50 "	Washed on $\frac{210}{8}$	Steam 12"	
8.05 "	Finished Mash	Water	40
8.35 "	Hot Tap. 15 H. #		3
			69
			2
			<hr/>
			119

In laffer	Out	Balling
104	94	14.3%

Yeast off No 138. Brew. 46. lbs

Reached March. 28th 2.9%

No. 7. Linn Ale. March 27th /35

Malt 5000 lb. M. No.

Hops. 20. Sugar 20. P. b. 20. B. ans. 20. P. b. h. h.
6. M. 6. S. 1.5 P. M. S. 1 Lt P. P.

400 am	Wash $\frac{150}{38\frac{1}{2}}$	Finest mms	20.6%
7.35"	Malt all in	Last "	1.7%
7.50"	Washed on $\frac{210}{8}$ Steam 12"		
8.05"	Finished Wash	Water	38 $\frac{1}{2}$
8.35"	Set Hops 154"		$\frac{8}{67\frac{1}{2}}$
			$\frac{2}{116}$
	In Coffee	Out	Balling
	101	91.	13.7%

Yeast off. No. 138. Brew. 45 Lb.

No. 8. Lem

Alle.

March 28th 135-

Malt 5000. G. M. lo

Hops 20. Fuggles 20. B. G. 20. Bau. 20. B. S. S.
G. M. G. S. 1. 2. 1. 5. 2. M. S.

700 am	Mash $\frac{150}{38\frac{1}{2}}$	First run. 20.6%
135 "	Malt all in	Last " 1.7%
750 "	Underlet on $\frac{210}{8}$ steam 12 $\frac{1}{2}$ "	
8.05 "	Finished Wash	Water 38 $\frac{1}{2}$
8.35 "	hit Top 153H	8 $\frac{1}{2}$
		66 $\frac{1}{2}$
		2
		<hr/>
		110
100	Out	Balling
	90	13.8%

Yeast off. No 140. Brew. 45. Lbu

