

Variety Data 2009-2017 M&B data Advanced Spring Wheat Nurseries

Variety	Location	Crop year	ID	Pedigree	Class	Wheat Protein, % (12% m.b.)	Single Kernel Hardness	Flour Protein, % (14% m.b.)	Flour Yield, %	Flour Ash, %	Wheat Ash, %	Mixograph Type	Mixing Tolerance	Mixing Time, min	Mixing Water Absorption, %	Bake Mixing Time, min	Loaf Volume, cc#	Crumb Grain Score	Bake Water Absorption, %
BRENNAN	BozDRY	2017	AGRIPR10	BRENNAN	HRS	15.7	79	69.2	14.1	0.42	1.64	M	3	2.4	62.8	3.4	1085	6	73.0
BRENNAN	ConradDRY	2017	AGRIPR10	BRENNAN	HRS	16.1	76	70.7	14.6	0.42	1.46	M	2	3.5	70.4	5.0	1125	4	80.1
BRENNAN	Havre	2017	AGRIPR10	BRENNAN	HRS	16.4	79	67.3	14.9	0.44	1.43	MH	4	3.5	68.4	3.9	1055	6	78.1
BRENNAN	BozIRR	2016	AGRIPR10	BRENNAN	HRS	15.8	78	68.7	14.6	0.45	1.45	MH	4	2.8	67.8	4.2	1080	5	77.5
BRENNAN	Havre	2016	AGRIPR10	BRENNAN	HRS	16.1	75	70.9	15.0	0.43	1.55	MH	3	3.1	71.2	7.3	1135	5	80.9
BRENNAN	SidneyDRY	2016	AGRIPR10	BRENNAN	HRS	13.5	67	70.5	12.3	0.43	1.35	MH	4	2.7	60.7	5.2	990	5	73.4
BRENNAN	BozIRR	2015	AGRIPR10	BRENNAN	HRS	16.8	64	68.0	15.6	0.47	1.64	MH	4	2.4	68.7	4.5	1200	5	78.4
BRENNAN	Havre	2015	AGRIPR10	BRENNAN	HRS	16.6	64	68.6	15.1	0.41	1.55	MH	4	3.7	67.4	5.8	1150	8	77.1
BRENNAN	SidneyIRR	2015	AGRIPR10	BRENNAN	HRS	14.4	66	72.0	12.8	0.43	1.72	M	4	2.6	65.5	3.6	1070	7	75.2
BRENNAN	Havre	2014	AGRIPR10	BRENNAN	HRS	16.2	77	70.3	14.9	0.41	1.63	MH	4	2.8	65.3	3.5	1130	8	75.0
BRENNAN	SidneyDRY	2014	AGRIPR10	BRENNAN	HRS	12.1	80	69.5	10.7	0.46	1.36	M	4	4.7	61.8	8.2	950	8	71.5
BRENNAN	BozDRY	2014	AGRIPR10	BRENNAN	HRS	15.5	82	70.1	14.0	0.45	1.50	MH	4	2.7	63.7	3.2	1120	7	73.4
BRENNAN	Havre	2013	AGRIPR10	BRENNAN	HRS	15.2	73	63.9	13.2	0.40	1.52	M	4	3.9	67.9	6.4	1160	8	77.6
BRENNAN	Moccasin	2013	AGRIPR10	BRENNAN	HRS	15.3	86	60.1	13.3	0.41	1.58	M	5	4.1	65.6	7.3	1100	8	75.8
BRENNAN	ConradDRY	2013	AGRIPR10	BRENNAN	HRS	14.2	76	66.6	12.2	0.42	1.39	M	4	3.1	66.0	5.3	1105	8	75.7
BRENNAN	BozDRY	2013	AGRIPR10	BRENNAN	HRS	15.9	84	62.7	13.5	0.36	1.45	MH	3	3.1	68.1	6.4	1155	8	77.8
BRENNAN	Havre	2012	AGRIPR10	BRENNAN	HRS	17.1	86	60.7	14.9	0.41	1.93	M	3	4.3	68.0	6.3	1155	8	77.7
BRENNAN	SidneyDRY	2012	AGRIPR10	BRENNAN	HRS	14.2	81	61.2	12.1	0.42	1.50	M	4	4.3	60.9	5.8	1030	7	70.6
BRENNAN	Moccasin	2012	AGRIPR10	BRENNAN	HRS	17.4	90	60.1	15.1	0.44	1.66	MH	6	3.9	68.0	7.0	1145	8	77.7
BRENNAN	BozDRY	2012	AGRIPR10	BRENNAN	HRS	14.8	82	64.7	12.6	0.41	1.39	M	4	2.8	64.2	4.2	1060	8	73.9
BRENNAN	Havre	2011	AGRIPR10	BRENNAN	HRS	14.6	85	66.6	12.6	0.41	1.47	M	3	3.9	66.9	5.9	1045	8	76.6
BRENNAN	SidneyDRY	2011	AGRIPR10	BRENNAN	HRS	15.3	75	64.1	13.2	0.38	1.54	M	4	4.1	64.0	7.1	1150	8	73.7
BRENNAN	Moccasin	2011	AGRIPR10	BRENNAN	HRS	16.1	87	63.4	14.0	0.40	1.29	M	4	3.7	67.1	4.9	1055	6	76.8
BRENNAN	BozDRY	2011	AGRIPR10	BRENNAN	HRS	15.5	75	62.8	13.3	0.39	1.27	MH	3	3.1	68.2	3.9	1050	7	76.9
BRENNAN	Havre	2010	AGRIPR10	BRENNAN	HRS	12.7	54	66.6	10.8	0.41	1.41	M	5	5.1	66.0	7.7	1015	8	75.7
BRENNAN	SidneyDRY	2010	AGRIPR10	BRENNAN	HRS	12.9	64	66.7	11.1	0.41	1.56	M	3	5.0	64.8	7.2	1010	8	75.0
BRENNAN	Moccasin	2010	AGRIPR10	BRENNAN	HRS	13.5	77	66.0	12.0	0.42	1.55	M	4	4.3	65.7	7.0	1025	8	75.4
BRENNAN	HuntleyDRY	2010	AGRIPR10	BRENNAN	HRS	12.3	81	65.1	10.2	0.47	1.68	M	4	5.4	64.0	5.9	930	7	76.2
BRENNAN	BozIRR	2009	AGRIPR10	BRENNAN	HRS	15.0	72	67.8	13.4	0.42	1.50	MH	3	2.4	68.3	2.8	1090	7	77.0
BRENNAN	Havre	2009	AGRIPR10	BRENNAN	HRS	14.8	62	68.7	13.1	0.42	1.45	M	4	3.6	65.5	4.9	1215	8	75.7
BRENNAN	SidneyDRY	2009	AGRIPR10	BRENNAN	HRS	13.6	74	67.2	12.3	0.44	1.76	MH	4	4.2	68.0	5.3	1045	8	77.7
BRENNAN	Moccasin	2009	AGRIPR10	BRENNAN	HRS	16.1	65	66.7	14.4	0.42	1.40	MH	4	3.9	71.2	5.8	1145	7	79.9
CHOTEAU	BozDRY	2017	PI633974	CHOTEAU	HRS	15.5	78	70.7	14.3	0.39	1.52	M	2	4.9	72.4	9.2	1160	6	82.1
CHOTEAU	ConradDRY	2017	PI633974	CHOTEAU	HRS	15.3	71	71.1	14.3	0.39	1.47	M	3	4.1	69.4	7.4	1255	5	79.1
CHOTEAU	Havre	2017	PI633974	CHOTEAU	HRS	16.5	73	68.0	15.1	0.40	1.32	M	1	3.0	70.0	3.5	1095	5	79.2

CHOTEAU	BozIRR	2016	PI633974	CHOTEAU	HRS	15.3	73	71.1	14.5	0.42	1.28	M	3	2.8	68.5	4.6	1170	6	78.2
CHOTEAU	Havre	2016	PI633974	CHOTEAU	HRS	15.7	68	70.0	14.6	0.39	1.72	M	3	4.8	71.3	12.2	1225	6	81.0
CHOTEAU	SidneyDRY	2016	PI633974	CHOTEAU	HRS	12.3	65	72.4	11.0	0.42	1.50	MH	4	2.9	60.2	4.5	1015	5	70.4
CHOTEAU	BozIRR	2015	PI633974	CHOTEAU	HRS	15.7	62	71.9	14.7	0.41	1.51	MH	3	2.8	67.3	5.3	1175	8	77.5
CHOTEAU	Havre	2015	PI633974	CHOTEAU	HRS	16.7	59	68.5	15.4	0.36	1.58	MH	4	5.6	70.8	12.8	1240	5	81.0
CHOTEAU	SidneyIRR	2015	PI633974	CHOTEAU	HRS	14.8	58	72.0	13.5	0.39	1.74	MH	2	2.5	64.3	3.8	1200	8	74.5
CHOTEAU	Havre	2014	PI633974	CHOTEAU	HRS	16.0	77	71.1	15.0	0.42	1.71	MH	4	2.9	66.5	5.9	1225	8	76.2
CHOTEAU	SidneyDRY	2014	PI633974	CHOTEAU	HRS	12.3	72	71.0	11.1	0.42	1.30	M	4	4.4	61.7	6.8	1045	7	71.4
CHOTEAU	BozDRY	2014	PI633974	CHOTEAU	HRS	15.4	76	71.5	14.2	0.43	1.35	MH	4	3.8	66.9	7.2	1230	8	77.1
CHOTEAU	Havre	2013	PI633974	CHOTEAU	HRS	15.0	68	65.1	13.5	0.38	1.43	M	5	3.7	66.9	6.6	1190	8	77.1
CHOTEAU	Moccasin	2013	PI633974	CHOTEAU	HRS	15.1	75	60.8	13.5	0.37	1.66	M	5	5.3	68.8	11.5	1180	8	78.5
CHOTEAU	ConradDRY	2013	PI633974	CHOTEAU	HRS	13.4	79	62.6	11.6	0.41	1.41	MH	4	3.3	64.7	4.6	1260	8	73.4
CHOTEAU	BozDRY	2013	PI633974	CHOTEAU	HRS	16.0	79	64.0	14.2	0.35	1.45	MH	4	4.4	69.0	9.3	1245	8	78.7
CHOTEAU	Havre	2012	PI633974	CHOTEAU	HRS	17.5	78	62.1	16.0	0.38	1.85	MH	6	5.5	66.8	7.9	1320	5	76.5
CHOTEAU	SidneyDRY	2012	PI633974	CHOTEAU	HRS	14.1	75	63.5	12.6	0.38	1.60	M	4	5.0	62.3	6.2	1170	7	72.5
CHOTEAU	Moccasin	2012	PI633974	CHOTEAU	HRS	17.9	81	62.4	16.0	0.42	1.80	MH	5	4.5	69.5	6.8	1205	7	78.7
CHOTEAU	BozDRY	2012	PI633974	CHOTEAU	HRS	15.0	76	65.0	13.2	0.38	1.39	MH	4	2.7	65.3	4.0	1170	7	75.0
CHOTEAU	Havre	2011	PI633974	CHOTEAU	HRS	14.5	78	67.5	13.1	0.38	1.60	MH	4	4.3	66.9	8.9	1175	8	75.6
CHOTEAU	SidneyDRY	2011	PI633974	CHOTEAU	HRS	15.4	68	64.8	13.8	0.37	1.38	M	4	4.4	66.7	9.3	1150	8	76.4
CHOTEAU	Moccasin	2011	PI633974	CHOTEAU	HRS	15.6	77	64.9	14.2	0.38	1.62	M	4	5.4	69.8	10.4	1080	8	79.5
CHOTEAU	BozDRY	2011	PI633974	CHOTEAU	HRS	15.0	68	63.6	13.2	0.38	1.14	MH	2	2.8	66.0	4.4	1095	6	74.7
CHOTEAU	Havre	2010	PI633974	CHOTEAU	HRS	13.0	46	68.6	11.6	0.40	1.37	M	4	4.9	63.5	5.8	1115	8	73.2
CHOTEAU	SidneyDRY	2010	PI633974	CHOTEAU	HRS	11.8	60	66.8	10.2	0.40	1.62	M	4	3.9	62.3	5.0	1035	7	72.0
CHOTEAU	Moccasin	2010	PI633974	CHOTEAU	HRS	13.9	88	64.3	12.4	0.44	1.57	MH	4	3.7	65.0	5.3	1015	8	75.2
CHOTEAU	HuntleyDRY	2010	PI633974	CHOTEAU	HRS	11.6	68	66.2	10.2	0.41	1.69	M	3	4.4	62.9	4.4	975	8	72.6
CHOTEAU	BozIRR	2009	PI633974	CHOTEAU	HRS	15.3	58	68.5	16.3	0.48	1.37	MH	2	2.6	69.2	3.0	1140	7	76.9
CHOTEAU	Havre	2009	PI633974	CHOTEAU	HRS	15.4	63	68.8	14.1	0.41	1.41	M	4	4.8	67.5	6.2	1285	7	77.7
CHOTEAU	SidneyDRY	2009	PI633974	CHOTEAU	HRS	15.0	62	66.5	13.3	0.41	1.74	MH	4	3.0	64.8	3.9	1110	7	75.0
CHOTEAU	Moccasin	2009	PI633974	CHOTEAU	HRS	16.8	60	67.3	15.4	0.41	1.50	MH	5	3.8	72.8	5.4	1270	7	80.0
CONAN	Havre	2013	BZ992588	CONAN	HRS	15.0	72	62.3	12.6	0.39	1.54	M	4	5.0	65.4	7.8	1150	8	75.1
CONAN	Moccasin	2013	BZ992588	CONAN	HRS	15.9	83	60.3	13.6	0.39	1.77	MH	5	7.8	66.8	14.8	1260	8	76.5
CONAN	ConradDRY	2013	BZ992588	CONAN	HRS	14.3	85	62.9	12.1	0.41	1.50	M	4	4.1	63.1	6.2	1170	8	72.8
CONAN	BozDRY	2013	BZ992588	CONAN	HRS	16.5	81	62.8	14.3	0.38	1.60	MH	4	6.1	70.8	12.7	1250	6	80.5
CONAN	Havre	2012	BZ992588	CONAN	HRS	17.1	80	62.8	15.4	0.39	1.85	MH	5	5.7	66.9	9.6	1300	8	76.6
CONAN	SidneyDRY	2012	BZ992588	CONAN	HRS	14.7	85	62.9	12.6	0.40	1.76	M	4	7.6	64.3	14.2	1125	8	74.5
CONAN	Moccasin	2012	BZ992588	CONAN	HRS	17.4	83	62.6	15.3	0.42	1.74	MH	6	6.9	68.9	11.3	1290	8	78.6
CONAN	BozDRY	2012	BZ992588	CONAN	HRS	14.5	80	61.9	12.0	0.40	1.40	M	4	4.0	63.8	5.5	1135	8	73.5
CONAN	Havre	2011	BZ992588	CONAN	HRS	14.1	87	66.5	12.3	0.38	1.68	M	5	6.4	65.4	11.2	1110	8	75.6
CONAN	SidneyDRY	2011	BZ992588	CONAN	HRS	16.2	79	63.1	14.0	0.37	1.72	M	4	6.3	67.8	11.7	1215	8	77.5
CONAN	Moccasin	2011	BZ992588	CONAN	HRS	16.2	82	63.4	14.1	0.41	1.68	MH	6	8.4	70.7	14.7	1175	8	80.4
CONAN	BozDRY	2011	BZ992588	CONAN	HRS	15.2	71	61.0	12.7	0.38	1.39	M	3	5.0	66.0	7.6	1130	7	75.7
CONAN	Havre	2010	BZ992588	CONAN	HRS	12.1	58	66.8	10.3	0.41	1.59	M	4	7.2	62.0	10.4	1100	8	73.2
CONAN	SidneyDRY	2010	BZ992588	CONAN	HRS	11.5	72	66.4	9.7	0.42	1.83	M	4	6.4	63.5	8.7	980	7	75.2

CONAN	Moccasin	2010	BZ992588	CONAN	HRS	14.7	68	58.9	12.9	0.44	1.72	M	4	6.8	65.8	9.4	1160	8	77.0
CONAN	HuntleyDRY	2010	BZ992588	CONAN	HRS	12.1	79	66.4	10.0	0.43	1.85	M	4	5.5	62.7	7.2	960	7	73.4
CONAN	BozIRR	2009	BZ992588	CONAN	HRS	14.7	65	65.6	14.6	0.49	1.62	MH	5	3.9	69.7	5.8	1160	8	79.9
CONAN	Havre	2009	BZ992588	CONAN	HRS	14.9	69	67.7	13.0	0.42	1.54	M	4	6.0	65.0	9.2	1250	8	75.7
CONAN	SidneyDRY	2009	BZ992588	CONAN	HRS	14.1	69	66.5	12.3	0.43	1.77	MH	4	5.0	65.3	7.2	1085	8	76.0
CONAN	Moccasin	2009	BZ992588	CONAN	HRS	15.7	65	66.0	13.9	0.40	1.54	MH	5	6.0	71.2	8.2	1245	8	80.9
CORBIN	BozDRY	2017	BZ996434	CORBIN	HRS	15.2	70	71.9	13.5	0.37	1.48	M	2	5.9	69.7	18.2	1085	7	79.4
CORBIN	ConradDRY	2017	BZ996434	CORBIN	HRS	15.3	77	71.1	13.9	0.40	1.68	MH	4	5.4	67.3	17.3	1145	5	77.5
CORBIN	Havre	2017	BZ996434	CORBIN	HRS	16.4	68	70.7	14.8	0.41	1.50	M	1	4.7	72.2	10.5	1010	6	82.4
CORBIN	BozIRR	2016	BZ996434	CORBIN	HRS	14.3	71	71.6	13.1	0.40	1.31	M	3	4.4	65.9	10.4	1110	6	75.6
CORBIN	Havre	2016	BZ996434	CORBIN	HRS	14.8	74	69.4	16.0	0.40	1.65	M	2	7.6	72.0	20.5	1025	5	81.7
CORBIN	SidneyDRY	2016	BZ996434	CORBIN	HRS	11.9	69	71.7	10.6	0.42	1.56	M	4	4.7	58.8	7.5	965	5	68.5
CORBIN	BozIRR	2015	BZ996434	CORBIN	HRS	14.7	68	71.9	13.3	0.42	1.48	MH	1	4.5	70.5	11.2	1045	6	78.7
CORBIN	Havre	2015	BZ996434	CORBIN	HRS	17.1	60	69.2	15.2	0.38	1.84	MH	5	7.2	67.8	19.5	1275	8	79.0
CORBIN	SidneyIRR	2015	BZ996434	CORBIN	HRS	14.3	60	72.3	12.6	0.42	1.88	MH	4	2.9	62.3	5.9	1010	7	73.5
CORBIN	Havre	2014	BZ996434	CORBIN	HRS	16.3	68	72.3	15.0	0.42	1.76	MH	4	5.4	67.3	13.8	1180	8	77.0
CORBIN	SidneyDRY	2014	BZ996434	CORBIN	HRS	11.6	77	72.2	10.3	0.41	1.33	M	5	6.5	59.2	11.6	990	8	69.4
CORBIN	BozDRY	2014	BZ996434	CORBIN	HRS	15.5	82	71.8	13.8	0.43	1.63	MH	3	5.6	66.4	14.7	1220	8	76.1
CORBIN	Havre	2013	BZ996434	CORBIN	HRS	13.7	68	66.2	12.0	0.39	1.52	MH	5	5.2	63.2	10.4	1030	8	72.9
CORBIN	Moccasin	2013	BZ996434	CORBIN	HRS	16.1	83	61.8	14.0	0.39	1.79	MH	5	7.9	68.0	15.2	1215	8	78.2
CORBIN	ConradDRY	2013	BZ996434	CORBIN	HRS	14.0	90	64.8	12.1	0.40	1.52	M	4	5.4	67.0	14.4	1070	8	76.7
CORBIN	BozDRY	2013	BZ996434	CORBIN	HRS	15.9	80	64.0	14.0	0.38	1.55	MH	4	7.4	69.0	18.4	1150	7	78.7
CORBIN	Havre	2012	BZ996434	CORBIN	HRS	18.5	78	60.0	16.5	0.42	2.08	MH	5	6.2	69.7	12.4	1265	7	79.4
CORBIN	SidneyDRY	2012	BZ996434	CORBIN	HRS	14.3	78	65.4	12.5	0.40	1.62	M	4	7.4	61.9	9.2	1155	8	71.6
CORBIN	Moccasin	2012	BZ996434	CORBIN	HRS	18.3	79	64.6	16.0	0.43	1.69	MH	4	6.4	70.9	12.7	1275	8	80.6
CORBIN	BozDRY	2012	BZ996434	CORBIN	HRS	13.9	75	67.9	11.8	0.39	1.34	M	4	4.2	62.5	7.4	1085	8	72.2
CORBIN	Havre	2011	BZ996434	CORBIN	HRS	13.8	76	67.8	12.1	0.38	1.60	M	4	6.7	65.5	18.0	1040	8	76.7
CORBIN	SidneyDRY	2011	BZ996434	CORBIN	HRS	15.0	75	65.4	13.3	0.38	1.61	M	4	6.7	66.8	17.2	1090	8	76.5
CORBIN	Moccasin	2011	BZ996434	CORBIN	HRS	15.2	76	65.9	13.4	0.40	1.64	MH	5	5.7	68.9	15.1	1070	8	78.6
CORBIN	BozDRY	2011	BZ996434	CORBIN	HRS	13.9	74	67.7	12.1	0.38	1.21	M	3	4.9	63.5	11.1	980	8	73.7
CORBIN	Havre	2010	BZ996434	CORBIN	HRS	12.5	56	69.0	10.9	0.40	1.57	M	4	6.7	62.6	6.6	1020	8	72.3
CORBIN	SidneyDRY	2010	BZ996434	CORBIN	HRS	10.9	65	66.6	9.2	0.43	1.71	LM	4	6.7	61.3	11.4	885	7	73.0
CORBIN	Moccasin	2010	BZ996434	CORBIN	HRS	13.1	70	62.7	11.5	0.42	1.68	M	4	6.5	63.7	10.9	930	6	74.9
CORBIN	HuntleyDRY	2010	BZ996434	CORBIN	HRS	10.5	72	68.5	8.7	0.44	1.77	M	4	4.8	60.7	4.6	850	8	70.4
CORBIN	BozIRR	2009	BZ996434	CORBIN	HRS	14.3	64	70.5	14.6	0.50	1.46	MH	2	3.7	70.3	8.6	1055	7	80.0
CORBIN	Havre	2009	BZ996434	CORBIN	HRS	14.6	65	70.1	13.1	0.42	1.46	MH	4	5.6	65.1	10.7	1135	8	74.8
CORBIN	SidneyDRY	2009	BZ996434	CORBIN	HRS	15.0	63	68.2	13.3	0.42	1.75	MH	4	4.2	66.0	7.7	1045	7	76.7
CORBIN	Moccasin	2009	BZ996434	CORBIN	HRS	16.6	57	69.1	14.8	0.42	1.66	MH	4	6.5	71.6	14.4	1145	8	81.3
DUCLAIR	BozDRY	2017	PI660981	DUCLAIR	HRS	15.4	72	70.6	14.0	0.38	1.61	M	4	6.6	73.4	13.8	1215	5	83.1
DUCLAIR	ConradDRY	2017	PI660981	DUCLAIR	HRS	14.9	71	70.4	13.9	0.38	1.44	M	4	6.9	70.8	12.5	1215	5	80.5
DUCLAIR	Havre	2017	PI660981	DUCLAIR	HRS	16.5	73	67.5	15.0	0.41	1.40	M	3	3.3	71.5	5.0	1210	6	81.2
DUCLAIR	BozIRR	2016	PI660981	DUCLAIR	HRS	15.0	73	70.1	14.2	0.42	1.29	MH	4	4.1	66.8	6.2	1220	7	76.5

DUCLAIR	Havre	2016	PI660981	DUCLAIR	HRS	15.2	71	70.5	14.1	0.40	1.62	M	5	6.2	70.5	13.3	1240	7	80.2
DUCLAIR	SidneyDRY	2016	PI660981	DUCLAIR	HRS	13.1	64	72.3	12.2	0.41	1.45	MH	4	3.8	60.0	5.8	1125	5	70.2
DUCLAIR	BozIRR	2015	PI660981	DUCLAIR	HRS	14.6	64	71.4	13.4	0.43	1.55	MH	4	3.6	68.5	6.7	1175	8	78.7
DUCLAIR	Havre	2015	PI660981	DUCLAIR	HRS	16.9	53	66.9	15.8	0.37	1.74	MH	5	7.3	69.0	12.9	1415	8	78.7
DUCLAIR	SidneyIRR	2015	PI660981	DUCLAIR	HRS	14.5	62	71.8	13.1	0.46	1.83	MH	4	2.3	64.5	4.2	1215	8	72.4
DUCLAIR	Havre	2014	PI660981	DUCLAIR	HRS	15.5	64	70.2	14.1	0.43	1.55	MH	5	4.9	67.5	9.1	1260	8	77.2
DUCLAIR	SidneyDRY	2014	PI660981	DUCLAIR	HRS	11.5	76	71.1	10.3	0.43	1.37	M	5	5.2	59.3	9.3	1085	7	69.5
DUCLAIR	BozDRY	2014	PI660981	DUCLAIR	HRS	14.2	78	71.6	13.0	0.41	1.20	MH	4	4.0	63.9	7.9	1305	8	74.1
DUCLAIR	Havre	2013	PI660981	DUCLAIR	HRS	14.0	72	64.6	12.4	0.38	1.36	M	5	4.0	64.3	7.9	1195	7	74.0
DUCLAIR	Moccasin	2013	PI660981	DUCLAIR	HRS	15.5	69	59.5	13.4	0.37	1.59	M	4	7.0	67.5	12.4	1260	8	77.2
DUCLAIR	ConradDRY	2013	PI660981	DUCLAIR	HRS	13.9	83	64.4	12.0	0.40	1.38	MH	4	4.1	63.0	6.3	1175	7	72.7
DUCLAIR	BozDRY	2013	PI660981	DUCLAIR	HRS	16.3	70	61.6	14.3	0.36	1.42	MH	5	6.2	69.7	11.8	1280	7	79.4
DUCLAIR	Havre	2012	PI660981	DUCLAIR	HRS	18.0	70	60.2	16.1	0.39	1.93	M	4	7.0	68.5	11.1	1375	7	78.2
DUCLAIR	SidneyDRY	2012	PI660981	DUCLAIR	HRS	13.3	74	63.7	11.8	0.39	1.56	M	5	7.0	61.0	9.0	1150	7	70.7
DUCLAIR	Moccasin	2012	PI660981	DUCLAIR	HRS	18.1	77	59.6	15.9	0.42	1.77	M	6	5.6	68.9	8.3	1300	8	78.6
DUCLAIR	BozDRY	2012	PI660981	DUCLAIR	HRS	14.1	72	64.6	12.2	0.39	1.28	MH	4	3.6	62.7	5.3	1210	7	72.9
DUCLAIR	Havre	2011	MT 832	DUCLAIR	HRS	14.3	71	66.3	12.8	0.38	1.48	M	5	7.3	68.2	14.0	1215	8	78.4
DUCLAIR	SidneyDRY	2011	MT 832	DUCLAIR	HRS	14.1	77	64.2	12.8	0.36	1.31	M	4	5.4	65.9	11.2	1190	8	75.6
DUCLAIR	Moccasin	2011	MT 832	DUCLAIR	HRS	14.4	74	62.2	12.9	0.39	1.64	M	4	7.9	68.9	12.9	1110	8	78.6
DUCLAIR	BozDRY	2011	MT 832	DUCLAIR	HRS	14.3	71	63.5	12.6	0.39	1.17	M	3	4.5	67.9	7.4	1155	4	77.6
DUCLAIR	Havre	2010	MT 0832	DUCLAIR	HRS	12.8	53	68.4	11.2	0.40	1.38	M	4	5.4	64.8	6.9	1060	7	74.5
DUCLAIR	SidneyDRY	2010	MT 0832	DUCLAIR	HRS	12.0	68	66.8	10.4	0.40	1.49	M	5	5.6	63.5	7.6	1075	8	73.2
DUCLAIR	Moccasin	2010	MT 0832	DUCLAIR	HRS	14.3	85	65.7	12.5	0.45	1.54	M	4	7.0	67.6	9.7	945	6	79.3
DUCLAIR	HuntleyDRY	2010	MT 0832	DUCLAIR	HRS	10.7	75	66.7	9.4	0.45	1.56	LM	4	5.6	59.9	5.7	975	7	69.6
DUCLAIR	BozIRR	2009	MT 832	DUCLAIR	HRS	14.8	67	69.3	13.4	0.41	1.55	MH	3	2.8	68.2	3.7	1215	5	74.9
DUCLAIR	Havre	2009	MT 832	DUCLAIR	HRS	14.9	60	67.7	13.4	0.42	1.44	MH	5	4.6	65.9	6.7	1155	5	74.6
DUCLAIR	SidneyDRY	2009	MT 832	DUCLAIR	HRS	13.7	66	68.2	12.3	0.42	1.62	M	5	4.8	67.1	5.9	1060	8	76.8
DUCLAIR	Moccasin	2009	MT 832	DUCLAIR	HRS	16.5	54	64.8	14.7	0.41	1.48	MH	4	4.1	69.5	6.4	1335	7	78.2
EGAN	BozDRY	2017	MCNEAL/GLU	EGAN	HRS	16.6	83	69.2	15.1	0.40	1.52	M	7	11.9	76.9	25.5	1205	8	88.1
EGAN	ConradDRY	2017	MCNEAL/GLU	EGAN	HRS	15.3	79	69.5	14.1	0.39	1.68	M	4	12.8	74.0	20.9	1320	4	84.2
EGAN	Havre	2017	MCNEAL/GLU	EGAN	HRS	17.2	80	67.9	15.7	0.40	1.38	MH	5	8.9	77.0	21.3	1300	7	87.2
EGAN	BozIRR	2016	MCNEAL/GLU	EGAN	HRS	16.3	82	69.2	15.1	0.40	1.52	MH	5	7.0	71.3	17.1	1305	6	82.5
EGAN	Havre	2016	MCNEAL/GLU	EGAN	HRS	17.1	79	68.9	16.0	0.41	1.77	MH	5	10.3	78.0	22.0	1435	6	87.7
EGAN	SidneyDRY	2016	MCNEAL/GLU	EGAN	HRS	14.3	75	69.3	13.3	0.41	1.78	MH	5	4.9	65.4	12.0	1230	5	77.1
EGAN	BozIRR	2015	MCNEAL/GLU	EGAN	HRS	17.1	72	69.4	16.1	0.43	1.76	H	7	6.8	73.4	16.0	1335	7	84.1
EGAN	Havre	2015	MCNEAL/GLU	EGAN	HRS	18.1	64	67.3	16.8	0.39	1.95	M	7	17.3	76.3	20.5	1435	8	87.0
EGAN	SidneyIRR	2015	MCNEAL/GLU	EGAN	HRS	15.8	70	71.2	14.3	0.41	1.91	MH	5	5.3	68.8	12.9	1330	8	81.0
EGAN	Havre	2014	MCNEAL/GLU	EGAN	HRS	16.9	81	68.6	15.7	0.39	1.79	MH	6	9.3	71.2	20.3	1430	8	80.9
EGAN	SidneyDRY	2014	MCNEAL/GLU	EGAN	HRS	12.7	91	69.7	11.5	0.42	1.56	M	6	8.4	65.4	16.1	1130	8	75.1
EGAN	BozDRY	2014	MCNEAL/GLU	EGAN	HRS	17.4	95	69.9	16.1	0.41	1.60	MH	6	9.3	70.8	18.7	1430	8	80.5
EGAN	Havre	2013	MCNEAL/GLU	EGAN	HRS	15.8	80	64.8	13.5	0.38	1.52	MH	7	6.3	67.3	12.7	1295	8	77.5
EGAN	Moccasin	2013	MCNEAL/GLU	EGAN	HRS	16.8	86	60.1	14.2	0.39	1.79	M	6	9.8	67.9	14.0	1265	8	79.6
EGAN	ConradDRY	2013	MCNEAL/GLU	EGAN	HRS	14.9	72	64.1	13.0	0.41	1.55	MH	5	5.6	65.4	9.5	1265	8	75.1

EGAN	BozDRY	2013	MCNEAL/GLU	EGAN	HRS	17.0	87	62.5	14.7	0.39	1.46	M	6	9.1	72.1	18.0	1305	7	82.8
EGAN	Havre	2012	MCNEAL/GLU	EGAN	HRS	18.3	86	61.9	16.2	0.38	1.99	MH	7	11.4	72.9	19.5	1370	7	83.6
EGAN	SidneyDRY	2012	MCNEAL/GLU	EGAN	HRS	14.3	77	60.7	12.6	0.40	1.82	M	5	9.2	62.9	15.4	1155	9	74.6
EGAN	Moccasin	2012	MCNEAL/GLU	EGAN	HRS	19.9	94	61.3	17.3	0.41	1.94	MH	7	11.8	71.5	15.9	1245	6	81.7
EGAN	BozDRY	2012	MCNEAL/GLU	EGAN	HRS	15.9	90	65.0	13.6	0.39	1.41	MH	7	6.0	67.0	12.8	1265	8	79.2
FORTUNA	BozDRY	2017	CI 13596	FORTUNA	HRS	15.0	69	72.4	13.7	0.41	1.58	M	4	3.8	67.4	6.1	1150	7	77.1
FORTUNA	ConradDRY	2017	CI 13596	FORTUNA	HRS	14.4	74	72.6	13.4	0.39	1.53	M	2	3.3	67.3	6.6	1135	6	77.5
FORTUNA	Havre	2017	CI 13596	FORTUNA	HRS	15.8	74	70.4	14.5	0.41	1.46	M	2	3.6	69.5	5.3	1105	7	79.2
FORTUNA	BozIRR	2016	CI 13596	FORTUNA	HRS	14.5	69	72.6	13.5	0.41	1.37	MH	2	2.7	66.3	5.6	1080	7	76.5
FORTUNA	Havre	2016	CI 13596	FORTUNA	HRS	15.8	70	71.5	14.7	0.41	1.66	M	3	4.6	69.4	9.6	1235	7	79.1
FORTUNA	SidneyDRY	2016	CI 13596	FORTUNA	HRS	13.0	63	73.4	11.8	0.42	1.64	MH	4	2.4	58.7	3.7	1010	8	68.4
FORTUNA	BozIRR	2015	CI 13596	FORTUNA	HRS	14.7	63	73.0	13.5	0.43	1.70	M	2	3.0	66.0	5.4	1110	7	75.7
FORTUNA	Havre	2015	CI 13596	FORTUNA	HRS	16.3	55	70.2	15.0	0.39	1.72	MH	5	4.6	67.9	10.8	1275	7	79.1
FORTUNA	SidneyIRR	2015	CI 13596	FORTUNA	HRS	14.9	63	73.1	13.5	0.43	1.81	M	1	2.7	63.7	3.2	1095	8	73.4
FORTUNA	Havre	2014	CI 13596	FORTUNA	HRS	15.4	66	72.6	14.2	0.44	1.67	MH	4	4.2	65.8	8.1	1160	8	76.0
FORTUNA	SidneyDRY	2014	CI 13596	FORTUNA	HRS	12.2	75	73.0	10.8	0.41	1.42	M	4	3.8	57.5	5.4	1015	8	67.2
FORTUNA	BozDRY	2014	CI 13596	FORTUNA	HRS	14.7	79	74.5	13.3	0.42	1.36	MH	3	3.1	65.5	6.3	1180	8	75.2
FORTUNA	Havre	2013	CI 13596	FORTUNA	HRS	15.5	68	67.9	13.5	0.40	1.53	MH	4	3.3	63.8	5.1	1185	8	74.0
FORTUNA	Moccasin	2013	CI 13596	FORTUNA	HRS	15.3	81	65.6	13.6	0.40	1.62	M	5	3.7	64.2	8.6	1190	8	74.4
FORTUNA	ConradDRY	2013	CI 13596	FORTUNA	HRS	13.8	73	68.0	11.9	0.40	1.43	MH	4	2.9	61.5	3.8	1130	8	71.7
FORTUNA	BozDRY	2013	CI 13596	FORTUNA	HRS	16.0	73	66.1	13.8	0.40	1.58	M	3	3.3	67.2	5.8	1270	8	76.9
FORTUNA	Havre	2012	CI 13596	FORTUNA	HRS	16.7	77	62.4	15.1	0.41	1.89	MH	4	5.1	65.8	9.5	1225	8	75.5
FORTUNA	SidneyDRY	2012	CI 13596	FORTUNA	HRS	13.4	75		13.2	0.49	1.59	MH	5	4.5	64.4				
FORTUNA	Moccasin	2012	CI 13596	FORTUNA	HRS	17.9	73	63.0	15.6	0.44	1.79	M	4	4.3	68.3	7.4	1210	8	78.5
FORTUNA	BozDRY	2012	CI 13596	FORTUNA	HRS	15.3	76	68.4	13.1	0.40	1.38	M	2	2.5	63.5	3.5	1150	7	73.2
FORTUNA	Havre	2011	CL13596	FORTUNA	HRS	14.1	79	68.3	12.5	0.39	1.64	M	4	4.2	65.9	7.6	1110	8	75.6
FORTUNA	SidneyDRY	2011	CL13596	FORTUNA	HRS	16.5	73	65.9	14.5	0.40	1.80	M	3	3.3	67.8	6.0	1205	9	77.5
FORTUNA	Moccasin	2011	CL13596	FORTUNA	HRS	15.3	72	65.9	13.6	0.39	1.65	M	3	4.4	68.0	9.9	1120	8	77.7
FORTUNA	BozDRY	2011	CL13596	FORTUNA	HRS	15.1	65	68.5	13.1	0.39	1.26	M	2	3.1	64.0	4.9	1075	8	73.7
FORTUNA	Havre	2010	CI 13596	FORTUNA	HRS	13.0	60	69.8	11.5	0.39	1.47	M	4	4.3	63.3	4.8	1100	8	73.5
FORTUNA	SidneyDRY	2010	CI 13596	FORTUNA	HRS	11.4	62	68.8	9.8	0.42	1.72	M	4	4.3	60.2	5.1	965	8	70.4
FORTUNA	Moccasin	2010	CI 13596	FORTUNA	HRS	15.4	78	63.7	13.5	0.45	1.52	MH	4	3.8	66.5	6.1	950	8	77.2
FORTUNA	HuntleyDRY	2010	CI 13596	FORTUNA	HRS	11.7	74	70.7	10.2	0.43	1.77	M	4	3.8	61.3	4.0	925	7	71.0
FORTUNA	BozIRR	2009	CL13596	FORTUNA	HRS	14.6	69	72.4	15.1	0.50	1.47	M	1	2.3	66.5	2.5	1035	5	74.2
FORTUNA	Havre	2009	CL13596	FORTUNA	HRS	14.8	58	70.2	13.3	0.41	1.43	M	3	4.0	66.5	5.3	1160	8	76.7
FORTUNA	SidneyDRY	2009	CL13596	FORTUNA	HRS	14.4	59	70.3	12.7	0.43	1.76	MH	4	2.9	62.5	4.0	1030	8	72.7
FORTUNA	Moccasin	2009	CL13596	FORTUNA	HRS	15.3	62	70.0	13.9	0.42	1.42	MH	3	3.1	68.5	6.3	1175	8	77.2
JEDD	Havre	2014	BZ9M1044	JEDD	HRS	14.9	88	71.4	14.0	0.44	1.74	MH	4	5.9	66.3	9.7	1200	7	76.0
JEDD	SidneyDRY	2014	BZ9M1044	JEDD	HRS	11.0	94	70.4	10.1	0.41	1.37	M	4	6.7	61.5	10.4	975	8	71.2
JEDD	BozDRY	2014	BZ9M1044	JEDD	HRS	14.7	95	71.9	13.7	0.43	1.58	MH	5	5.0	66.3	9.4	1240	8	76.0
JEDD	Havre	2013	BZ9M1044	JEDD	HRS	13.2	87	67.3	12.0	0.41	1.55	MH	6	5.3	67.8	11.2	1050	8	77.5
JEDD	Moccasin	2013	BZ9M1044	JEDD	HRS	14.5	101	61.9	13.0	0.42	1.70	M	5	6.9	67.9	12.1	1150	8	77.6

JEDD	ConradDRY	2013	BZ9M1044	JEDD	HRS	13.6	87	62.9	12.0	0.43	1.50	MH	5	5.0	68.0	10.6	1140	8	77.7
JEDD	BozDRY	2013	BZ9M1044	JEDD	HRS	16.0	87	63.8	14.3	0.40	1.55	MH	5	6.6	69.9	12.6	1220	7	79.6
JEDD	Havre	2012	BZ9M1044	JEDD	HRS	17.1	89	61.0	15.4	0.40	1.87	MH	5	7.9	70.1	14.1	1295	8	79.8
JEDD	SidneyDRY	2012	BZ9M1044	JEDD	HRS	13.5	91	62.8	12.2	0.42	1.62	M	5	9.0	63.8	11.9	1125	8	74.5
JEDD	Moccasin	2012	BZ9M1044	JEDD	HRS	18.2	90	60.7	16.2	0.44	1.73	M	4	6.9	72.4	10.2	1265	8	82.6
JEDD	BozDRY	2012	BZ9M1044	JEDD	HRS	14.2	85	66.9	12.8	0.40	1.41	MH	5	5.2	65.8	8.6	1150	8	76.0
JEDD	Havre	2011	BZ9M1044	JEDD	HRS	13.7	98	65.8	12.3	0.41	1.71	MH	5	7.3	67.5	14.1	1140	8	77.7
JEDD	SidneyDRY	2011	BZ9M1044	JEDD	HRS	15.2	96	66.2	13.7	0.40	1.53	MH	6	5.9	68.9	12.9	1210	8	78.6
JEDD	Moccasin	2011	BZ9M1044	JEDD	HRS	16.0	85	65.8	14.3	0.43	1.65	MH	6	5.9	70.9	10.6	1180	8	79.6
JEDD	BozDRY	2011	BZ9M1044	JEDD	HRS	13.7	90	66.6	12.4	0.40	1.24	MH	4	4.7	67.0	8.7	1075	8	76.7
JEDD	Havre	2010	BZ9M1044	JEDD	HRS	12.1	71	68.3	10.8	0.43	1.45	M	4	7.7	65.1	11.1	1055	8	76.3
JEDD	SidneyDRY	2010	BZ9M1044	JEDD	HRS	10.7	77	65.9	9.3	0.44	1.76	M	6	4.8	62.2	9.6	955	8	72.9
JEDD	Moccasin	2010	BZ9M1044	JEDD	HRS	15.1	74	64.2	13.1	0.41	1.56	M	4	4.5	67.6	9.4	1025	7	77.3
JEDD	HuntleyDRY	2010	BZ9M1044	JEDD	HRS	10.5	80	67.2	9.3	0.43	1.68	M	4	5.9	62.6	7.2	905	7	73.3
JEDD	BozIRR	2009	BZ9M1044	JEDD	HRS	14.1	83	68.5	15.3	0.52	1.58	MH	4	3.8	69.2	3.9	1125	8	77.9
JEDD	Havre	2009	BZ9M1044	JEDD	HRS	15.0	71	68.2	13.4	0.43	1.55	MH	5	4.9	65.5	9.7	1210	8	77.7
JEDD	SidneyDRY	2009	BZ9M1044	JEDD	HRS	12.8	82	69.5	11.6	0.44	1.65	MH	4	5.0	67.1	7.6	1020	7	76.8
JEDD	Moccasin	2009	BZ9M1044	JEDD	HRS	16.6	67	68.2	15.2	0.43	1.58	MH	5	5.8	71.3	10.4	1285	7	80.0
KELBY	Havre	2012	AGRIPRO6	KELBY	HRS	17.2	83	60.5	15.0	0.41	1.85	MH	4	4.2	67.1	6.2	1095	8	76.8
KELBY	SidneyDRY	2012	AGRIPRO6	KELBY	HRS	14.0	80	60.9	11.9	0.43	1.47	M	4	4.3	60.9	6.4	1060	8	70.6
KELBY	Moccasin	2012	AGRIPRO6	KELBY	HRS	16.4	88	61.2	14.0	0.42	1.51	M	4	4.0	66.1	5.7	1150	8	75.8
KELBY	BozDRY	2012	AGRIPRO6	KELBY	HRS	15.0	78	64.0	12.6	0.42	1.37	M	4	3.8	64.6	4.5	1095	8	74.3
KELBY	Havre	2011	AGRIPRO6	KELBY	HRS	15.0	87	65.8	12.9	0.41	1.76	M	3	4.4	67.0	6.6	1080	8	76.7
KELBY	SidneyDRY	2011	AGRIPRO6	KELBY	HRS	16.2	84	63.7	13.9	0.39	1.49	M	4	4.3	68.3	9.0	1195	9	78.5
KELBY	Moccasin	2011	AGRIPRO6	KELBY	HRS	16.5	79	63.3	14.6	0.43	1.63	MH	5	4.1	69.9	5.7	1040	7	79.6
KELBY	BozDRY	2011	AGRIPRO6	KELBY	HRS	16.0	74	63.7	13.7	0.41	1.29	MH	3	2.6	68.6	5.2	1100	8	78.8
KELBY	Havre	2010	AGRIPRO6	KELBY	HRS	14.0	57	68.3	12.2	0.42	1.41	M	4	5.2	66.5	7.4	1085	7	76.2
KELBY	SidneyDRY	2010	AGRIPRO6	KELBY	HRS	12.6	65	66.3	11.0	0.43	1.70	M	4	5.3	66.8	7.8	1045	8	76.0
KELBY	Moccasin	2010	AGRIPRO6	KELBY	HRS	14.5	61	57.3	12.4	0.43	1.70	M	3	7.3	65.3	9.9	1075	7	75.0
KELBY	HuntleyDRY	2010	AGRIPRO6	KELBY	HRS	12.6	76	65.3	10.6	0.47	1.68	M	4	3.6	63.6	4.9	955	8	73.3
KELBY	BozIRR	2009	AGRIPRO6	KELBY	HRS	14.9	68	68.2	15.9	0.55	1.55	MH	3	2.8	70.2	3.8	1130	8	78.9
KELBY	Havre	2009	AGRIPRO6	KELBY	HRS	15.0	70	67.8	13.4	0.43	1.43	M	5	4.8	66.0	6.7	1200	8	75.7
KELBY	SidneyDRY	2009	AGRIPRO6	KELBY	HRS	13.8	69	67.0	12.3	0.46	1.64	MH	4	3.8	65.7	5.0	1040	8	75.9
KELBY	Moccasin	2009	AGRIPRO6	KELBY	HRS	16.3	64	65.7	14.5	0.42	1.44	MH	4	3.9	70.7	7.8	1215	7	80.9
MCNEAL	BozDRY	2017	PI574642	MCNEAL	HRS	15.6	98	67.0	13.9	0.40	1.77	M	5	11.0	75.5	18.0	1240	6	84.2
MCNEAL	ConradDRY	2017	PI574642	MCNEAL	HRS	14.2	93	68.0	13.2	0.41	1.71	M	4	10.9	69.2	15.3	1290	5	79.4
MCNEAL	Havre	2017	PI574642	MCNEAL	HRS	16.0	88	67.2	14.9	0.40	1.44	MH	6	5.9	72.2	12.2	1275	6	84.4
MCNEAL	BozIRR	2016	PI574642	MCNEAL	HRS	14.9	93	68.3	13.8	0.41	1.52	MH	5	6.3	69.9	13.6	1220	7	81.6
MCNEAL	Havre	2016	PI574642	MCNEAL	HRS	15.2	90	67.4	14.2	0.41	1.82	H	6	6.8	70.8	15.7	1350	7	80.0
MCNEAL	SidneyDRY	2016	PI574642	MCNEAL	HRS	14.5	87	70.4	13.5	0.43	1.61	MH	4	6.0	67.8	9.9	1085	6	70.0
MCNEAL	BozIRR	2015	PI574642	MCNEAL	HRS	15.3	87	68.6	13.9	0.44	1.69	H	4	5.9	68.3	9.1	1250	6	78.0
MCNEAL	Havre	2015	PI574642	MCNEAL	HRS	16.7	75	67.1	15.4	0.40	1.88	H	6	9.5	69.9	18.8	1430	7	82.1

MCNEAL	SidneyIRR	2015	PI574642	MCNEAL	HRS	13.9	80	70.9	12.6	0.42	1.76	MH	5	4.4	65.3	7.8	1185	8	76.5
MCNEAL	Havre	2014	PI574642	MCNEAL	HRS	15.7	89	68.2	14.6	0.44	1.84	M	5	14.1	72.2	20.4	1345	8	81.9
MCNEAL	SidneyDRY	2014	PI574642	MCNEAL	HRS	11.3	98	68.7	10.1	0.44	1.48	LM	6	6.4	60.5	16.2	910	7	72.2
MCNEAL	BozDRY	2014	PI574642	MCNEAL	HRS	15.0	96	70.0	13.7	0.44	1.55	MH	6	6.9	67.3	13.6	1300	8	78.0
MCNEAL	Havre	2013	PI574642	MCNEAL	HRS	14.7	92	65.3	13.3	0.41	1.64	MH	6	6.5	67.5	11.7	1245	8	77.7
MCNEAL	Moccasin	2013	PI574642	MCNEAL	HRS	15.8	96	59.8	13.6	0.40	1.75	MH	6	7.5	69.3	15.7	1280	7	79.5
MCNEAL	ConradDRY	2013	PI574642	MCNEAL	HRS	13.2	94	64.1	11.3	0.42	1.44	MH	4	3.9	63.0	6.1	1110	8	72.7
MCNEAL	BozDRY	2013	PI574642	MCNEAL	HRS	15.9	98	61.3	14.1	0.39	1.65	MH	6	7.5	69.9	13.4	1295	8	80.6
MCNEAL	Havre	2012	PI574642	MCNEAL	HRS	16.9	97	59.6	15.3	0.41	1.94	MH	6	8.7	69.8	15.3	1340	8	79.5
MCNEAL	SidneyDRY	2012	PI574642	MCNEAL	HRS	14.4	91		14.6	0.50	1.66	MH	8	8.8	66.7				
MCNEAL	Moccasin	2012	PI574642	MCNEAL	HRS	18.8	98	59.2	16.3	0.44	1.75	MH	5	7.0	72.7	12.1	1405	8	82.4
MCNEAL	BozDRY	2012	PI574642	MCNEAL	HRS	14.8	96	64.9	12.7	0.41	1.45	MH	5	5.2	63.1	7.7	1185	8	73.8
MCNEAL	Havre	2011	PI574642	MCNEAL	HRS	13.8	96	64.4	12.2	0.40	1.90	MH	5	8.4	66.4	12.6	1190	8	76.6
MCNEAL	SidneyDRY	2011	PI574642	MCNEAL	HRS	15.4	99	64.4	13.7	0.40	1.74	MH	5	7.1	70.7	13.1	1260	9	81.4
MCNEAL	Moccasin	2011	PI574642	MCNEAL	HRS	15.4	97	61.4	13.4	0.42	1.77	MH	6	9.9	67.8	15.1	1220	8	78.5
MCNEAL	BozDRY	2011	PI574642	MCNEAL	HRS	15.4	88	63.5	13.4	0.39	1.27	MH	4	5.8	69.8	11.1	1155	8	80.5
MCNEAL	Havre	2010	PI574642	MCNEAL	HRS	12.6	69	66.9	11.1	0.40	1.53	M	4	10.2	65.2	12.7	1100	8	77.4
MCNEAL	SidneyDRY	2010	PI574642	MCNEAL	HRS	10.9	86	66.2	9.4	0.44	1.74	M	6	5.9	61.5	10.4	980	8	74.2
MCNEAL	Moccasin	2010	PI574642	MCNEAL	HRS	13.8	80	66.7	12.7	0.43	1.65	MH	5	4.8	66.1	8.9	1075	8	76.3
MCNEAL	HuntleyDRY	2010	PI574642	MCNEAL	HRS	10.6	88	65.1	9.3	0.44	1.81	M	5	8.3	63.8	11.1	935	8	78.5
MCNEAL	BozIRR	2009	PI574642	MCNEAL	HRS	13.9	82	68.8	14.5	0.53	1.40	MH	5	4.4	67.2	5.7	1160	8	77.9
MCNEAL	Havre	2009	PI574642	MCNEAL	HRS	15.0	81	66.7	13.6	0.44	1.69	M	5	8.8	68.2	13.4	1345	8	79.4
MCNEAL	SidneyDRY	2009	PI574642	MCNEAL	HRS	14.1	80	65.7	12.7	0.44	1.75	M	5	8.4	69.7	11.1	1125	8	80.4
MCNEAL	Moccasin	2009	PI574642	MCNEAL	HRS	15.6	74	67.8	13.9	0.42	1.45	MH	4	7.0	71.2	12.1	1295	8	80.9
MOTT	Havre	2014	NDSW0449	MOTT	HRS	16.5	79	71.4	15.6	0.40	1.77	MH	4	3.6	69.2	8.9	1310	8	78.9
MOTT	SidneyDRY	2014	NDSW0449	MOTT	HRS	12.2	82	71.8	11.0	0.39	1.44	M	5	6.8	64.0	15.3	1025	8	74.2
MOTT	BozDRY	2014	NDSW0449	MOTT	HRS	15.0	84	71.6	13.9	0.41	1.52	M	4	4.5	66.4	9.9	1195	8	76.1
MOTT	Havre	2013	NDSW0449	MOTT	HRS	14.7	78	68.6	13.1	0.39	1.48	M	5	6.3	67.8	11.0	1160	8	77.5
MOTT	Moccasin	2013	NDSW0449	MOTT	HRS	16.2	80	60.9	14.1	0.40	1.73	MH	6	5.9	69.8	14.2	1170	8	79.5
MOTT	ConradDRY	2013	NDSW0449	MOTT	HRS	13.8	92	65.2	12.1	0.39	1.50	MH	5	3.9	65.4	9.1	1120	8	75.6
MOTT	BozDRY	2013	NDSW0449	MOTT	HRS	16.3	79	64.6	14.7	0.38	1.56	MH	5	5.4	67.8	10.5	1305	8	77.5
MOTT	Havre	2012	NDSW0449	MOTT	HRS	18.4	74	61.5	16.6	0.40	2.04	MH	4	5.1	70.4	10.7	1400	7	80.1
MOTT	SidneyDRY	2012	NDSW0449	MOTT	HRS	15.7	83	64.0	14.1	0.40	1.72	MH	5	5.6	64.9	8.5	1250	8	75.1
MOTT	Moccasin	2012	NDSW0449	MOTT	HRS	19.1	76	61.6	16.4	0.44	1.98	M	5	4.3	69.8	6.2	1320	6	78.5
MOTT	BozDRY	2012	NDSW0449	MOTT	HRS	15.0	82	68.3	13.1	0.39	1.31	M	4	3.6	65.0	5.7	1200	7	74.7
MOTT	Havre	2011	NDSW0449	MOTT	HRS	14.1	88	69.2	12.8	0.39	1.60	M	5	5.8	68.8	14.2	1120	8	78.5
MOTT	SidneyDRY	2011	NDSW0449	MOTT	HRS	15.4	82	66.0	13.7	0.40	1.71	M	4	4.8	67.0	12.3	1200	8	77.2
MOTT	Moccasin	2011	NDSW0449	MOTT	HRS	15.9	86	65.7	14.2	0.42	1.74	M	4	5.8	69.5	13.5	1190	8	79.2
MOTT	BozDRY	2011	NDSW0449	MOTT	HRS	14.8	75	65.8	13.1	0.39	1.23	MH	3	3.2	67.7	6.8	1100	6	76.4
MOTT	Havre	2010	NDSW0449	MOTT	HRS	13.3	59	70.3	11.9	0.40	1.55	M	4	6.8	65.3	9.7	1095	8	75.0
MOTT	SidneyDRY	2010	NDSW0449	MOTT	HRS	11.7	73	69.0	10.2	0.41	1.78	M	5	5.0	65.1	10.4	1000	8	74.8
MOTT	Moccasin	2010	NDSW0449	MOTT	HRS	13.5	69	61.9	12.1	0.41	1.56	M	4	7.4	65.8	12.9	1015	8	76.0
MOTT	HuntleyDRY	2010	NDSW0449	MOTT	HRS	11.3	81	68.9	9.7	0.41	1.71	M	5	6.0	64.7	10.1	895	8	76.4

MOTT	BozIRR	2009	NDSW0449	MOTT	HRS	13.8	80	70.6	12.8	0.41	1.42	MH	2	2.8	67.1	3.9	1140	7	75.8
MOTT	Havre	2009	NDSW0449	MOTT	HRS	15.1	70	68.7	14.0	0.43	1.58	MH	5	4.7	66.4	9.6	1245	6	76.6
MOTT	SidneyDRY	2009	NDSW0449	MOTT	HRS	14.1	70	69.9	12.9	0.43	1.62	MH	3	4.1	69.8	9.1	1125	8	78.5
MOTT	Moccasin	2009	NDSW0449	MOTT	HRS	16.0	66	69.5	15.0	0.42	1.46	MH	4	4.9	74.0	11.9	1225	7	81.7
NS Presser CLF BozDRY		2017	MT1173	JS Presser CL	HRS	15.7	75	73.1	14.0	0.37	1.54	M	1	4.8	71.0	12.4	995	4	81.2
NS Presser CLF ConradDRY		2017	MT1173	JS Presser CL	HRS	14.1	73	73.1	13.0	0.37	1.47	M	2	4.4	68.3	11.6	1005	5	77.0
NS Presser CLF Havre		2017	MT1173	JS Presser CL	HRS	15.3	71	71.6	14.3	0.36	1.37	M	2	3.9	70.3	7.2	970	5	79.5
NS Presser CL BozIRR		2016	MT1173	NS Presser C	HRS	14.1	74	73.7	13.0	0.36	1.29	M	2	2.7	65.9	6.9	1020	5	75.1
NS Presser CL Havre		2016	MT1173	NS Presser C	HRS	15.2	73	72.0	14.0	0.38	1.66	M	2	4.1	67.7	12.1	1080	3	76.9
NS Presser CL SidneyDRY		2016	MT1173	NS Presser C	HRS	12.7	62	73.1	11.2	0.37	1.35	M	3	2.8	58.7	6.1	985	4	68.4
NS Presser CL Havre		2013	MT1173	NS Presser C	HRS	14.5	69	69.8	12.7	0.33	1.46	M	3	3.9	66.8	6.8	1105	8	72.0
NS Presser CL Moccasin		2013	MT1173	NS Presser C	HRS	14.8	76	65.5	12.7	0.37	1.74	M	3	3.9	64.9	7.4	1085	8	73.6
NS Presser CL ConradDRY		2013	MT1173	NS Presser C	HRS	13.0	82	69.5	11.6	0.39	1.30	M	3	3.8	66.7	6.4	1055	8	74.4
NS Presser CL BozDRY		2013	MT1173	NS Presser C	HRS	15.5	76	67.3	13.4	0.35	1.52	M	3	3.8	67.5	9.9	1060	6	76.2
NS Presser CL Havre		2012	MT1173	NS Presser C	HRS	17.6	86	64.3	15.0	0.37	2.01	MH	5	4.8	67.0	8.7	1180	8	76.7
NS Presser CL SidneyDRY		2012	MT1173	NS Presser C	HRS	12.9	80	65.6	11.2	0.36	1.66	M	4	4.2	60.3	5.4	1025	5	68.5
NS Presser CL Moccasin		2012	MT1173	NS Presser C	HRS	18.3	83	65.3	16.1	0.39	1.86	MH	2	3.6	68.0	5.4	1185	7	76.7
NS Presser CL BozDRY		2012	MT1173	NS Presser C	HRS	14.5	75	68.5	12.4	0.36	1.34	M	2	4.5	63.3	5.9	1090	6	71.0
LANNING	BozDRY	2017	MT 1316	LANNING	HRS	15.8	75	70.4	14.7	0.36	1.61	M	2	4.4	72.6	8.8	1155	6	82.8
LANNING	ConradDRY	2017	MT 1316	LANNING	HRS	15.3	76	70.8	14.2	0.37	1.53	MH	4	4.8	70.0	11.8	1245	5	80.2
LANNING	Havre	2017	MT 1316	LANNING	HRS	17.0	76	68.7	15.6	0.40	1.48	MH	3	3.6	73.3	7.3	1210	7	83.0
LANNING	BozIRR	2016	MT 1316	LANNING	HRS	15.0	77	70.5	14.2	0.38	1.42	MH	5	4.1	67.9	8.0	1225	3	78.1
LANNING	Havre	2016	MT 1316	LANNING	HRS	15.8	75	70.6	15.0	0.37	1.76	MH	4	5.8	70.0	14.2	1230	4	79.7
LANNING	SidneyDRY	2016	MT 1316	LANNING	HRS	11.6	67	71.4	10.6	0.40	1.57	M	3	4.3	59.5	7.3	940	6	73.2
LANNING	BozIRR	2015	MT 1316	LANNING	HRS	15.4	62	71.6	14.6	0.39	1.44	MH	3	3.2	70.5	7.5	1280	6	80.2
LANNING	Havre	2015	MT 1316	LANNING	HRS	16.6	57	69.6	15.5	0.36	1.64	MH	4	5.0	67.9	10.6	1300	7	78.1
LANNING	SidneyIRR	2015	MT 1316	LANNING	HRS	15.5	63	72.1	14.3	0.39	1.99	M	4	2.8	66.1	4.4	1260	7	75.8
LANNING	Havre	2014	MT 1316	LANNING	HRS	16.4	74	71.7	15.5	0.36	1.68	MH	4	4.9	70.1	10.7	1325	8	79.8
LANNING	SidneyDRY	2014	MT 1316	LANNING	HRS	11.0	80	70.5	9.8	0.40	1.44	M	4	4.9	61.2	8.9	1045	8	71.4
LANNING	BozDRY	2014	MT 1316	LANNING	HRS	14.8	76	71.4	13.6	0.38	1.43	MH	5	4.4	64.7	8.3	1280	8	74.4
ONEAL	BozIRR	2015	BZ999592	ONEAL	HRS	14.2	69	70.6	12.6	0.40	1.46	MH	3	7.7	70.3	21.6	1160	8	80.5
ONEAL	Havre	2015	BZ999592	ONEAL	HRS	17.8	57	69.4	16.3	0.39	1.70	H	7	12.4	74.4	24.6	1430	7	85.1
ONEAL	SidneyIRR	2015	BZ999592	ONEAL	HRS	13.3	69	72.9	11.8	0.38	1.61	M	5	5.1	65.2	14.6	1075	8	76.4
ONEAL	Havre	2014	BZ999592	ONEAL	HRS	16.1	91	70.2	15.1	0.44	1.80	MH	6	8.9	71.2	16.6	1355	8	80.9
ONEAL	SidneyDRY	2014	BZ999592	ONEAL	HRS	10.9	94	69.4	9.5	0.44	1.39	M	6	8.0	61.7	18.3	945	8	73.4
ONEAL	BozDRY	2014	BZ999592	ONEAL	HRS	14.8	87	71.7	13.5	0.46	1.50	MH	5	8.3	64.8	19.0	1305	8	77.0
ONEAL	Havre	2013	BZ999592	ONEAL	HRS	14.3	86	67.3	13.0	0.38	1.53	MH	7	5.6	67.3	7.8	1250	8	79.0
ONEAL	Moccasin	2013	BZ999592	ONEAL	HRS	15.4	98	62.2	13.3	0.40	1.74	M	6	8.5	65.8	15.2	1200	8	77.5
ONEAL	ConradDRY	2013	BZ999592	ONEAL	HRS	14.2	97	64.6	12.2	0.40	1.49	MH	5	6.7	66.2	12.6	1220	8	76.4
ONEAL	BozDRY	2013	BZ999592	ONEAL	HRS	15.0	93	65.7	13.2	0.39	1.37	MH	5	7.8	67.9	11.9	1260	8	77.6
ONEAL	Havre	2012	BZ999592	ONEAL	HRS	18.0	86	61.6	15.7	0.38	2.04	MH	5	9.9	71.0	11.9	1350	8	81.7

ONEAL	SidneyDRY	2012	BZ999592	ONEAL	HRS	14.1	89	63.6	12.6	0.40	1.67	M	6	9.1	63.0	16.9	1150	8	77.7
ONEAL	Moccasin	2012	BZ999592	ONEAL	HRS	18.4	100	60.8	15.7	0.44	1.74	MH	7	8.4	68.5	12.4	1285	7	79.7
ONEAL	BozDRY	2012	BZ999592	ONEAL	HRS	14.8	90	66.7	12.9	0.38	1.31	MH	6	6.2	65.1	10.8	1265	8	75.8
ONEAL	Havre	2011	BZ999592	ONEAL	HRS	13.6	94	66.7	12.1	0.39	1.73	M	4	10.4	66.8	16.4	1200	8	76.5
ONEAL	SidneyDRY	2011	BZ999592	ONEAL	HRS	15.0	92	65.9	13.3	0.39	1.70	M	5	7.6	67.8	14.0	1310	7	77.5
ONEAL	Moccasin	2011	BZ999592	ONEAL	HRS	15.7	101	61.8	13.7	0.43	1.60	M	5	11.9	68.5	14.8	1190	8	78.2
ONEAL	BozDRY	2011	BZ999592	ONEAL	HRS	14.7	89	66.3	12.9	0.38	1.25	MH	4	7.0	67.5	14.9	1175	8	78.7
ONEAL	Havre	2010	BZ999592	ONEAL	HRS	12.3	74	69.2	10.6	0.42	1.54	M	5	7.5	63.1	12.6	1105	7	75.3
ONEAL	SidneyDRY	2010	BZ999592	ONEAL	HRS	10.4	83	66.2	8.7	0.43	1.73	LM	5	7.3	60.7	10.8	960	8	73.9
ONEAL	Moccasin	2010	BZ999592	ONEAL	HRS	14.0	67	62.1	12.2	0.40	1.63	LM	3	5.6	64.6	7.6	1035	7	74.3
ONEAL	HuntleyDRY	2010	BZ999592	ONEAL	HRS	9.9	88	66.2	8.3	0.42	1.71	LM	5	6.9	61.8	11.9	880	6	78.5
ONEAL	BozIRR	2009	BZ999592	ONEAL	HRS	14.8	80	71.3	15.4	0.48	1.43	H	6	4.8	68.2	8.4	1335	8	77.9
ONEAL	Havre	2009	BZ999592	ONEAL	HRS	14.6	79	69.0	13.1	0.42	1.54	M	6	8.2	66.0	13.4	1260	7	77.7
ONEAL	SidneyDRY	2009	BZ999592	ONEAL	HRS	12.8	81	69.4	11.6	0.44	1.62	MH	5	6.9	63.9	11.4	1130	8	78.6
ONEAL	Moccasin	2009	BZ999592	ONEAL	HRS	16.6	78	68.4	14.9	0.41	1.43	MH	5	9.2	71.2	16.3	1345	8	80.9
REEDER	BozDRY	2017	ND 695	REEDER	HRS	15.9	76	69.2	14.5	0.38	1.56	M	1	3.0	69.4	5.4	1160	5	79.1
REEDER	ConradDRY	2017	ND 695	REEDER	HRS	15.1	79	70.5	13.9	0.38	1.46	M	2	3.4	68.4	6.6	1220	4	77.1
REEDER	Havre	2017	ND 695	REEDER	HRS	16.2	73	68.3	14.8	0.40	1.30	M	3	3.4	70.5	4.5	1100	5	80.2
REEDER	BozIRR	2016	ND 695	REEDER	HRS	15.0	75	68.7	14.0	0.38	1.25	M	2	3.6	67.3	4.3	1180	2	77.5
REEDER	Havre	2016	ND 695	REEDER	HRS	15.0	70	69.7	14.2	0.37	1.56	MH	2	4.1	69.8	11.8	1125	5	80.0
REEDER	SidneyDRY	2016	ND 695	REEDER	HRS	14.0	67	72.4	13.0	0.38	1.39	M	4	3.2	63.3	5.6	1065	5	73.0
REEDER	BozIRR	2015	ND 695	REEDER	HRS	15.4	69	70.7	14.3	0.40	1.51	MH	2	2.9	68.4	5.4	1110	5	78.1
REEDER	Havre	2015	ND 695	REEDER	HRS	17.0	65	69.3	15.7	0.35	1.66	MH	4	4.2	69.3	8.3	1295	5	79.5
REEDER	SidneyIRR	2015	ND 695	REEDER	HRS	15.4	69	71.5	14.1	0.40	1.81	MH	4	2.6	64.4	3.5	1175	7	73.1
REEDER	Havre	2014	ND 695	REEDER	HRS	15.2	83	70.9	14.0	0.41	1.55	MH	3	3.1	65.9	5.8	1180	8	76.1
REEDER	SidneyDRY	2014	ND 695	REEDER	HRS	11.3	84	70.1	10.0	0.41	1.37	M	4	5.1	59.9	6.8	960	7	69.6
REEDER	BozDRY	2014	ND 695	REEDER	HRS	15.8	82	71.1	14.5	0.40	1.43	M	3	3.4	66.3	5.4	1245	7	76.0
REEDER	Havre	2013	ND 695	REEDER	HRS	15.3	73	64.9	13.5	0.36	1.33	MH	5	3.9	67.4	7.5	1180	7	77.1
REEDER	Moccasin	2013	ND 695	REEDER	HRS	15.6	80	60.4	13.8	0.37	1.69	M	4	4.5	65.8	6.1	1190	8	75.5
REEDER	ConradDRY	2013	ND 695	REEDER	HRS	13.9	77	63.6	11.7	0.40	1.36	MH	4	3.1	61.5	4.2	1115	7	71.7
REEDER	BozDRY	2013	ND 695	REEDER	HRS	16.2	79	62.2	14.4	0.36	1.38	MH	3	3.7	68.9	5.7	1315	7	77.6
REEDER	Havre	2012	ND 695	REEDER	HRS	17.5	80	62.5	15.9	0.37	1.85	MH	4	4.5	67.3	7.5	1325	8	77.5
REEDER	SidneyDRY	2012	ND 695	REEDER	HRS	13.2	79	63.3	11.8	0.37	1.61	M	4	5.0	59.9	6.1	1115	7	69.6
REEDER	Moccasin	2012	ND 695	REEDER	HRS	17.7	84	62.4	15.7	0.40	1.59	MH	3	3.5	68.9	4.9	1275	7	77.6
REEDER	BozDRY	2012	ND 695	REEDER	HRS	15.0	74	64.0	13.1	0.37	1.33	MH	3	2.9	65.2	4.6	1155	7	73.9
REEDER	Havre	2011	ND695	REEDER	HRS	14.2	77	66.6	12.6	0.36	1.48	M	3	4.2	65.3	5.0	1110	7	73.5
REEDER	SidneyDRY	2011	ND695	REEDER	HRS	15.5	78	65.4	13.8	0.36	1.59	M	3	3.8	66.5	7.4	1175	7	76.2
REEDER	Moccasin	2011	ND695	REEDER	HRS	15.3	87	63.1	13.7	0.38	1.52	MH	4	5.2	67.4	8.1	1090	7	77.1
REEDER	BozDRY	2011	ND695	REEDER	HRS	15.1	70	62.9	13.2	0.36	1.20	M	1	3.1	65.8	4.8	1085	6	75.5
REEDER	Havre	2010	ND 695	REEDER	HRS	12.7	64	67.9	11.1	0.40	1.47	M	3	5.0	63.6	6.3	1070	7	73.3
REEDER	SidneyDRY	2010	ND 695	REEDER	HRS	12.2	69	67.5	10.4	0.38	1.57	M	4	4.5	62.8	4.8	980	7	72.0
REEDER	Moccasin	2010	ND 695	REEDER	HRS	14.0	72	64.0	12.8	0.42	1.62	M	4	5.8	65.5	8.6	1015	8	76.2
REEDER	HuntleyDRY	2010	ND 695	REEDER	HRS	10.9	80	66.8	9.4	0.42	1.70	M	4	4.3	60.8	4.6	880	7	70.5

REEDER	BozIRR	2009	ND695	REEDER	HRS	14.8	66	69.5	15.4	0.45	1.31	MH	2	3.1	66.5	3.5	1165	8	75.2
REEDER	Havre	2009	ND695	REEDER	HRS	14.6	65	68.4	13.4	0.39	1.42	MH	3	3.7	66.4	5.7	1225	7	76.6
REEDER	SidneyDRY	2009	ND695	REEDER	HRS	13.9	70	68.4	12.4	0.41	1.67	MH	3	4.3	64.2	4.8	1020	8	74.4
REEDER	Moccasin	2009	ND695	REEDER	HRS	16.2	65	67.3	14.5	0.39	1.37	MH	3	3.0	69.2	4.9	1190	6	78.9
SY SOREN	BozDRY	2017	AGRIPR14	SY SOREN	HRS	15.6	86	68.5	14.2	0.43	1.76	MH	5	3.4	64.7	6.6	1120	6	74.4
SY SOREN	ConradDRY	2017	AGRIPR14	SY SOREN	HRS	15.2	78	70.3	13.9	0.42	1.52	M	3	4.4	69.5	9.6	1155	6	79.2
SY SOREN	Havre	2017	AGRIPR14	SY SOREN	HRS	16.6	75	67.9	14.9	0.42	1.43	M	2	4.2	69.7	5.1	1150	7	79.4
SY SOREN	BozIRR	2016	AGRIPR14	SY SOREN	HRS	15.3	76	68.3	14.2	0.42	1.38	MH	4	2.7	66.2	6.8	1145	7	76.4
SY SOREN	Havre	2016	AGRIPR14	SY SOREN	HRS	15.8	77	69.3	14.5	0.43	1.72	MH	4	3.9	69.3	12.5	1240	6	79.0
SY SOREN	SidneyDRY	2016	AGRIPR14	SY SOREN	HRS	12.6	70	70.5	11.4	0.43	1.54	MH	3	3.0	60.7	5.2	960	7	71.4
SY SOREN	BozIRR	2015	AGRIPR14	SY SOREN	HRS	16.1	75	69.8	15.2	0.42	1.65	MH	3	2.7	69.5	4.4	1120	6	79.2
SY SOREN	Havre	2015	AGRIPR14	SY SOREN	HRS	17.4	59	66.9	15.4	0.41	1.77	MH	5	5.4	71.5	14.3	1270	6	81.2
SY SOREN	SidneyIRR	2015	AGRIPR14	SY SOREN	HRS	15.5	67	71.4	13.7	0.42	1.86	MH	1	1.9	64.3	3.6	1160	8	74.0
SY SOREN	Havre	2014	AGRIPR14	SY SOREN	HRS	15.9	84	69.6	14.6	0.44	1.64	MH	5	2.9	65.5	6.8	1165	7	75.2
SY SOREN	SidneyDRY	2014	AGRIPR14	SY SOREN	HRS	11.7	79	68.9	10.3	0.44	1.39	M	5	5.4	61.0	11.6	1015	8	71.2
SY SOREN	BozDRY	2014	AGRIPR14	SY SOREN	HRS	16.1	78	68.8	14.3	0.48	1.64	MH	4	3.9	66.7	7.5	1245	8	76.4
SY SOREN	Havre	2013	AGRIPR14	SY SOREN	HRS	14.9	80	65.6	13.1	0.38	1.43	MH	5	4.4	66.5	9.0	1170	8	76.2
SY SOREN	Moccasin	2013	AGRIPR14	SY SOREN	HRS	15.8	83	58.3	13.5	0.42	1.76	M	4	7.1	66.9	11.4	1125	8	77.6
SY SOREN	ConradDRY	2013	AGRIPR14	SY SOREN	HRS	13.9	84	65.3	12.1	0.41	1.38	MH	5	3.3	63.4	6.5	1140	7	73.6
SY SOREN	BozDRY	2013	AGRIPR14	SY SOREN	HRS	16.5	77	60.1	14.1	0.39	1.74	MH	4	4.7	68.3	10.9	1200	8	78.0
SY SOREN	Havre	2012	AGRIPR14	SY SOREN	HRS	17.9	75	57.0	15.5	0.41	2.05	MH	4	5.5	69.0	10.8	1225	7	78.7
SY SOREN	SidneyDRY	2012	AGRIPR14	SY SOREN	HRS	14.4	77	61.4	12.8	0.42	1.66	MH	5	5.0	62.9	8.8	1155	8	72.6
SY SOREN	Moccasin	2012	AGRIPR14	SY SOREN	HRS	19.0	91	57.1	16.6	0.46	1.87	MH	5	4.9	71.0	8.8	1215	8	80.7
SY SOREN	BozDRY	2012	AGRIPR14	SY SOREN	HRS	15.1	77	63.7	13.0	0.41	1.39	MH	3	3.3	64.8	5.8	1130	8	75.0
SY SOREN	Havre	2011	AGRIPR14	SY SOREN	HRS	14.3	83	66.2	12.5	0.41	1.52	M	3	5.4	68.5	11.0	1120	8	78.2
SY SOREN	SidneyDRY	2011	AGRIPR14	SY SOREN	HRS	15.9	78	63.2	13.6	0.40	1.64	MH	4	4.4	65.9	10.6	1165	9	75.6
SY SOREN	Moccasin	2011	AGRIPR14	SY SOREN	HRS	16.4	78	62.7	14.5	0.41	1.43	MH	4	4.5	68.9	8.9	1115	7	78.6
SY SOREN	BozDRY	2011	AGRIPR14	SY SOREN	HRS	15.3	73	63.3	13.4	0.40	1.12	MH	3	3.3	68.0	7.3	1115	8	77.7
SY TYRA	BozDRY	2017	AGRIPR12	SY TYRA	HRS	14.6	94	67.1	13.0	0.42	1.67	M	3	5.3	69.2	10.3	1085	7	79.4
SY TYRA	ConradDRY	2017	AGRIPR12	SY TYRA	HRS	14.1	88	69.7	12.6	0.42	1.57	M	2	5.0	69.5	9.8	1120	5	78.2
SY TYRA	Havre	2017	AGRIPR12	SY TYRA	HRS	15.4	84	66.3	13.9	0.44	1.30	MH	3	4.0	69.4	5.2	1120	6	80.1
SY TYRA	BozIRR	2016	AGRIPR12	SY TYRA	HRS	13.8	90	69.5	12.6	0.39	1.29	MH	4	3.6	69.8	9.2	1095	6	79.5
SY TYRA	Havre	2016	AGRIPR12	SY TYRA	HRS	15.8	84	68.8	14.5	0.40	1.79	MH	4	5.2	70.3	15.3	1210	6	80.0
SY TYRA	SidneyDRY	2016	AGRIPR12	SY TYRA	HRS	11.3	73	71.4	10.3	0.41	1.54	MH	4	3.1	56.8	5.4	925	7	67.5
SY TYRA	BozIRR	2015	AGRIPR12	SY TYRA	HRS	14.3	86	70.0	13.4	0.42	1.54	MH	4	3.5	67.2	6.8	1140	7	76.9
SY TYRA	Havre	2015	AGRIPR12	SY TYRA	HRS	16.4	76	67.5	14.5	0.39	1.78	MH	6	8.0	70.7	22.2	1275	8	81.4
SY TYRA	SidneyIRR	2015	AGRIPR12	SY TYRA	HRS	13.0	78	70.8	11.6	0.44	1.78	MH	4	3.4	64.4	4.2	1070	7	73.1
SY TYRA	Havre	2014	AGRIPR12	SY TYRA	HRS	14.8	84	70.2	13.6	0.42	1.59	MH	3	3.5	64.0	5.2	1170	7	74.2
SY TYRA	SidneyDRY	2014	AGRIPR12	SY TYRA	HRS	10.5	86	70.2	9.3	0.39	1.27	M	4	5.7	59.5	10.2	935	8	71.2
SY TYRA	BozDRY	2014	AGRIPR12	SY TYRA	HRS	14.5	94	69.4	13.0	0.45	1.59	MH	4	3.8	64.8	6.8	1225	8	74.5
SY TYRA	Havre	2013	AGRIPR12	SY TYRA	HRS	13.6	88	66.7	12.0	0.39	1.42	MH	4	3.9	67.7	9.2	1100	8	77.4
SY TYRA	Moccasin	2013	AGRIPR12	SY TYRA	HRS	14.4	98	59.0	12.6	0.40	1.75	MH	4	5.8	69.0	15.3	1090	8	78.7

SY TYRA	ConradDRY	2013	AGRIPR12	SY TYRA	HRS	12.6	85	62.6	10.9	0.40	1.42	MH	4	3.8	63.8	7.7	1060	8	74.5
SY TYRA	BozDRY	2013	AGRIPR12	SY TYRA	HRS	15.2	101	61.8	13.3	0.38	1.54	MH	4	4.8	67.9	11.4	1190	8	77.6
SY TYRA	Havre	2012	AGRIPR12	SY TYRA	HRS	17.1	89	57.1	15.1	0.40	1.95	MH	6	7.2	69.3	17.0	1260	8	79.5
SY TYRA	SidneyDRY	2012	AGRIPR12	SY TYRA	HRS	13.4	94	61.8	11.9	0.40	1.57	MH	6	5.5	60.7	8.4	1125	8	71.4
SY TYRA	Moccasin	2012	AGRIPR12	SY TYRA	HRS	17.6	102	57.5	15.2	0.44	1.77	MH	5	5.2	68.7	9.5	1260	8	78.4
SY TYRA	BozDRY	2012	AGRIPR12	SY TYRA	HRS	13.3	95	64.1	11.5	0.39	1.33	M	4	3.8	63.1	4.9	1110	8	73.3
SY TYRA	Havre	2011	AGRIPR12	SY TYRA	HRS	13.3	94	64.1	11.6	0.39	1.66	MH	5	5.6	65.9	13.4	1075	7	76.6
SY TYRA	SidneyDRY	2011	AGRIPR12	SY TYRA	HRS	14.2	91	63.8	12.4	0.38	1.51	MH	4	4.4	64.9	10.7	1130	7	74.6
SY TYRA	Moccasin	2011	AGRIPR12	SY TYRA	HRS	15.2	94	63.2	13.2	0.42	1.67	MH	5	5.0	69.0	11.2	1150	8	78.7
SY TYRA	BozDRY	2011	AGRIPR12	SY TYRA	HRS	13.6	90	63.3	11.6	0.39	1.18	MH	4	3.2	64.9	6.1	1080	7	74.6
SY TYRA	Havre	2010	AGRIPR12	SY TYRA	HRS	12.6	68	67.9	11.1	0.41	1.54	M	4	6.6	65.7	8.4	1120	8	75.4
SY TYRA	SidneyDRY	2010	AGRIPR12	SY TYRA	HRS	11.3	80	67.5	9.7	0.40	1.57	M	5	4.8	66.0	8.7	1000	7	76.2
SY TYRA	Moccasin	2010	AGRIPR12	SY TYRA	HRS	13.6	76	66.2	11.9	0.44	1.28	M	3	3.9	65.6	6.3	960	7	74.3
SY TYRA	HuntleyDRY	2010	AGRIPR12	SY TYRA	HRS	10.2	88	66.4	9.2	0.44	1.58	M	4	5.1	62.6	6.0	910	8	74.3
SY TYRA	BozIRR	2009	AGRIPR12	SY TYRA	HRS	13.3	81	68.3	11.9	0.41	1.39	MH	3	2.6	66.6	3.6	1115	8	76.3
SY TYRA	Havre	2009	AGRIPR12	SY TYRA	HRS	13.7	78	67.2	12.2	0.43	1.44	MH	4	5.5	64.6	9.4	1160	9	75.8
SY TYRA	SidneyDRY	2009	AGRIPR12	SY TYRA	HRS	12.4	80	70.0	11.3	0.41	1.54	MH	4	3.1	66.0	5.7	1075	8	75.7
SY TYRA	Moccasin	2009	AGRIPR12	SY TYRA	HRS	15.7	69	67.0	14.0	0.42	1.44	MH	5	4.3	70.1	8.3	1210	9	80.3
SY605 CL	Havre	2014	AGRIPR13	SY605 CL	HRS	16.9	77	71.7	15.8	0.39	1.74	MH	3	4.5	71.4	13.0	1195	7	81.1
SY605 CL	SidneyDRY	2014	AGRIPR13	SY605 CL	HRS	11.8	75	71.1	10.3	0.40	1.36	M	4	5.1	60.3	9.1	1030	8	71.5
SY605 CL	BozDRY	2014	AGRIPR13	SY605 CL	HRS	16.2	78	72.9	14.6	0.40	1.69	MH	2	3.7	66.7	7.9	1255	8	76.4
SY605 CL	Havre	2013	AGRIPR13	SY605 CL	HRS	15.4	74	66.3	13.3	0.38	1.38	MH	4	4.6	66.9	10.1	1175	8	77.1
SY605 CL	Moccasin	2013	AGRIPR13	SY605 CL	HRS	15.8	78	61.3	13.5	0.39	1.70	M	4	6.9	68.0	12.6	1165	7	76.7
SY605 CL	ConradDRY	2013	AGRIPR13	SY605 CL	HRS	14.5	80	66.1	12.4	0.38	1.29	MH	5	3.1	63.7	6.1	1175	8	73.4
SY605 CL	BozDRY	2013	AGRIPR13	SY605 CL	HRS	16.5	73	65.3	14.3	0.36	1.55	MH	4	4.9	72.1	15.4	1165	8	81.8
SY605 CL	Havre	2012	AGRIPR13	SY605 CL	HRS	17.9	84	61.4	15.5	0.38	1.90	MH	5	6.1	67.7	10.5	1275	7	77.9
SY605 CL	SidneyDRY	2012	AGRIPR13	SY605 CL	HRS	16.1	73	64.1	13.8	0.38	1.56	MH	4	5.4	64.4	10.3	1210	8	74.6
SY605 CL	Moccasin	2012	AGRIPR13	SY605 CL	HRS	18.8	90	61.9	16.2	0.40	1.80	MH	4	6.0	73.5	12.6	1205	8	83.2
SY605 CL	BozDRY	2012	AGRIPR13	SY605 CL	HRS	15.4	81	66.7	13.2	0.37	1.29	M	2	3.6	65.6	5.7	1145	8	75.3
SY605 CL	Havre	2011	AGRIPR13	SY605 CL	HRS	14.8	78	67.7	12.9	0.39	1.70	M	3	5.0	68.2	11.8	1040	8	78.9
SY605 CL	SidneyDRY	2011	AGRIPR13	SY605 CL	HRS	15.3	74	65.2	13.1	0.37	1.59	M	4	4.4	64.9	10.1	1140	8	74.6
SY605 CL	Moccasin	2011	AGRIPR13	SY605 CL	HRS	16.3	80	65.7	14.3	0.39	1.74	MH	5	5.2	68.6	11.3	1090	8	78.8
SY605 CL	BozDRY	2011	AGRIPR13	SY605 CL	HRS	15.4	74	64.3	13.4	0.36	1.43	M	2	3.5	67.5	7.2	1085	8	76.7
SY605 CL	Havre	2010	AGRIPR13	SY605 CL	HRS	12.3	63	68.1	10.6	0.39	1.52	M	3	6.7	64.7	9.5	1010	8	74.4
SY605 CL	SidneyDRY	2010	AGRIPR13	SY605 CL	HRS	11.2	62	65.4	9.6	0.40	1.58	LM	3	5.7	64.3	8.2	985	8	75.0
SY605 CL	Moccasin	2010	AGRIPR13	SY605 CL	HRS	12.4	80	66.2	10.8	0.42	1.39	M	4	6.5	63.0	13.2	980	7	75.7
SY605 CL	HuntleyDRY	2010	AGRIPR13	SY605 CL	HRS	11.6	79	67.9	9.7	0.43	1.79	LM	3	4.8	63.2	5.1	905	7	73.4
THATCHER	BozDRY	2017	CI 10003	THATCHER	HRS	16.5	83	69.0	14.9	0.39	1.66	M	3	4.5	70.5	10.2	1245	6	80.2
THATCHER	ConradDRY	2017	CI 10003	THATCHER	HRS	15.7	78	69.7	14.4	0.40	1.77	M	3	5.0	69.5	10.5	1185	6	79.2
THATCHER	Havre	2017	CI 10003	THATCHER	HRS	16.1	83	68.2	14.7	0.38	1.44	M	3	4.8	69.5	9.2	1205	7	79.2
THATCHER	BozIRR	2016	CI 10003	THATCHER	HRS	14.6	87	69.4	13.4	0.42	1.28	M	4	3.8	65.8	7.9	1200	6	75.5
THATCHER	Havre	2016	CI 10003	THATCHER	HRS	16.0	79	69.2	14.9	0.41	1.78	M	4	5.7	70.3	13.1	1270	7	80.0

THATCHER	SidneyDRY	2016	CI 10003	THATCHER	HRS	15.2	65	72.0	14.2	0.42	1.49	MH	4	3.7	65.4	7.6	1225	8	75.1
THATCHER	BozIRR	2015	CI 10003	THATCHER	HRS	14.3	77	71.0	13.4	0.44	1.65	MH	4	2.9	63.7	4.8	1175	5	73.4
THATCHER	Havre	2015	CI 10003	THATCHER	HRS	18.4	63	66.8	16.9	0.40	1.97	MH	5	6.0	72.3	13.6	1415	7	82.0
THATCHER	SidneyIRR	2015	CI 10003	THATCHER	HRS	15.5	67	70.5	13.8	0.42	2.00	M	3	2.1	62.7	3.2	1105	7	71.4
THATCHER	Havre	2014	CI 10003	THATCHER	HRS	15.9	83	69.6	14.7	0.39	1.84	M	4	5.0	67.3	10.0	1275	8	77.0
THATCHER	SidneyDRY	2014	CI 10003	THATCHER	HRS	11.9	84	70.5	10.8	0.43	1.51	M	5	4.9	59.7	11.1	1045	8	70.4
THATCHER	BozDRY	2014	CI 10003	THATCHER	HRS	15.6	72	70.3	13.9	0.43	1.66	M	3	3.4	67.7	7.1	1150	8	77.4
THATCHER	Havre	2013	CI 10003	THATCHER	HRS	14.6	80	66.3	12.9	0.40	1.47	MH	4	3.3	62.0	7.3	1185	8	71.7
THATCHER	Moccasin	2013	CI 10003	THATCHER	HRS	16.5	78	59.8	14.3	0.41	1.86	MH	5	3.7	65.9	7.4	1255	8	75.6
THATCHER	ConradDRY	2013	CI 10003	THATCHER	HRS	13.5	79	63.2	12.0	0.40	1.42	MH	4	3.1	61.8	5.4	1130	8	71.5
THATCHER	BozDRY	2013	CI 10003	THATCHER	HRS	16.9	80	60.9	14.8	0.39	1.59	MH	4	4.9	67.8	9.9	1315	8	77.5
THATCHER	Havre	2012	CI 10003	THATCHER	HRS	17.7	82	59.9	15.5	0.39	1.95	MH	5	5.0	67.0	8.9	1330	8	77.2
THATCHER	SidneyDRY	2012	CI 10003	THATCHER	HRS	14.6	80	60.0	13.5	0.41	1.87	M	5	5.5	63.7	9.0	1200	8	73.4
THATCHER	Moccasin	2012	CI 10003	THATCHER	HRS	17.5	85	62.6	14.9	0.42	1.67	MH	4	3.5	67.1	6.2	1220	8	76.8
THATCHER	BozDRY	2012	CI 10003	THATCHER	HRS	14.7	80	64.8	12.7	0.39	1.50	M	5	3.5	63.6	6.2	1120	8	73.8
THATCHER	Havre	2011	CL10003	THATCHER	HRS	13.8	92	65.9	12.5	0.38	1.66	MH	5	4.0	63.8	6.8	1110	8	73.5
THATCHER	SidneyDRY	2011	CL10003	THATCHER	HRS	15.7	84	57.4	13.9	0.40	1.67	M	5	4.3	66.8	9.0	1165	8	77.0
THATCHER	Moccasin	2011	CL10003	THATCHER	HRS	16.1	88	61.1	14.3	0.39	1.75	M	4	6.6	69.7	12.9	1115	8	79.4
THATCHER	BozDRY	2011	CL10003	THATCHER	HRS	13.8	82	64.3	12.1	0.39	1.20	MH	3	3.2	62.2	6.6	1090	8	71.9
THATCHER	Havre	2010	CI 10003	THATCHER	HRS	13.8	62	66.6	12.5	0.39	1.52	M	4	5.5	64.5	8.0	1155	8	74.2
THATCHER	SidneyDRY	2010	CI 10003	THATCHER	HRS	11.5	74	65.6	10.2	0.41	1.69	M	4	4.6	61.5	6.3	1005	8	71.2
THATCHER	Moccasin	2010	CI 10003	THATCHER	HRS														
THATCHER	HuntleyDRY	2010	CI 10003	THATCHER	HRS	11.7	79	66.8	10.5	0.44	1.84	M	4	4.8	61.4	6.5	955	8	71.6
THATCHER	BozIRR	2009	CL10003	THATCHER	HRS	13.4	76	70.9	14.1	0.47	1.33	M	3	3.4	67.8	6.9	1075	8	78.0
THATCHER	Havre	2009	CL10003	THATCHER	HRS	14.5	72	68.4	13.1	0.42	1.55	M	4	5.2	66.4	8.8	1190	8	76.6
THATCHER	SidneyDRY	2009	CL10003	THATCHER	HRS	12.6	72	69.6	11.5	0.43	1.71	MH	5	3.3	60.8	5.3	1005	8	71.0
THATCHER	Moccasin	2009	CL10003	THATCHER	HRS	16.6	68	65.3	15.0	0.42	1.57	MH	5	4.8	70.1	10.4	1315	7	79.8
VIDA	BozDRY	2017	PI642366	VIDA	HRS	14.9	76	73.0	13.4	0.38	1.50	M	4	7.4	73.7	11.9	1130	6	82.4
VIDA	ConradDRY	2017	PI642366	VIDA	HRS	14.1	80	72.3	12.9	0.39	1.54	M	2	4.0	67.5	9.6	1120	5	77.2
VIDA	Havre	2017	PI642366	VIDA	HRS	15.7	81	71.6	14.5	0.40	1.32	M	2	3.2	70.2	4.2	1110	4	79.4
VIDA	BozIRR	2016	PI642366	VIDA	HRS	14.3	82	72.9	13.2	0.39	1.29	M	2	2.7	65.8	4.6	1150	4	75.5
VIDA	Havre	2016	PI642366	VIDA	HRS	15.3	77	71.2	14.2	0.39	1.63	MH	2	3.8	68.7	11.1	1215	6	77.9
VIDA	SidneyDRY	2016	PI642366	VIDA	HRS	14.8	71	74.2	13.7	0.41	1.49	MH	3	2.7	63.3	4.8	1185	5	73.0
VIDA	BozIRR	2015	PI642366	VIDA	HRS	15.3	65	70.6	14.2	0.39	1.43	MH	2	3.1	67.5	5.0	1175	7	77.2
VIDA	Havre	2015	PI642366	VIDA	HRS	16.5	65	71.5	15.2	0.37	1.65	MH	3	4.3	68.9	9.6	1275	5	79.1
VIDA	SidneyIRR	2015	PI642366	VIDA	HRS	15.3	73	72.3	13.8	0.41	1.94	MH	3	2.9	65.4	3.5	1215	6	74.1
VIDA	Havre	2014	PI642366	VIDA	HRS	14.5	80	73.3	13.3	0.44	1.62	MH	4	3.1	65.3	6.5	1125	7	75.0
VIDA	SidneyDRY	2014	PI642366	VIDA	HRS	10.7	86	72.4	9.4	0.44	1.29	M	4	4.3	59.5	6.7	960	8	69.2
VIDA	BozDRY	2014	PI642366	VIDA	HRS	14.8	88	73.4	13.5	0.44	1.56	MH	2	3.6	64.9	6.5	1245	8	75.1
VIDA	Havre	2013	PI642366	VIDA	HRS	14.0	70	69.3	12.6	0.38	1.32	MH	3	3.5	65.8	7.0	1180	8	76.0
VIDA	Moccasin	2013	PI642366	VIDA	HRS	14.0	87	66.2	12.4	0.37	1.49	M	5	4.4	66.4	10.1	1170	7	75.6
VIDA	ConradDRY	2013	PI642366	VIDA	HRS	12.9	79	68.5	11.4	0.40	1.25	MH	3	3.2	63.3	4.9	1095	7	72.5
VIDA	BozDRY	2013	PI642366	VIDA	HRS	15.6	79	66.7	13.7	0.35	1.42	M	2	4.0	69.4	9.1	1210	7	78.6

VIDA	Havre	2012	PI642366	VIDA	HRS	17.1	87	63.6	15.3	0.38	1.85	MH	4	5.0	66.7	7.8	1240	6	76.4
VIDA	SidneyDRY	2012	PI642366	VIDA	HRS	13.6	84	66.9	12.2	0.39	1.48	M	4	4.8	61.8	5.7	1085	7	71.5
VIDA	Moccasin	2012	PI642366	VIDA	HRS	17.7	89	64.2	15.6	0.41	1.56	MH	3	3.8	68.3	4.8	1260	8	77.5
VIDA	BozDRY	2012	PI642366	VIDA	HRS	14.1	79	69.7	12.3	0.37	1.27	MH	2	3.0	64.2	4.6	1095	6	73.9
VIDA	Havre	2011	PI642366	VIDA	HRS	13.4	89	70.0	12.0	0.36	1.43	MH	3	4.4	65.0	6.1	1085	8	74.7
VIDA	SidneyDRY	2011	PI642366	VIDA	HRS	15.0	81	68.6	13.4	0.35	1.52	MH	2	3.6	66.2	7.7	1145	8	76.4
VIDA	Moccasin	2011	PI642366	VIDA	HRS	15.2	84	66.2	13.5	0.41	1.61	M	4	5.2	68.2	8.9	1075	7	77.4
VIDA	BozDRY	2011	PI642366	VIDA	HRS	14.3	79	68.0	12.7	0.36	1.15	M	1	3.4	65.9	4.8	1055	7	74.6
VIDA	Havre	2010	PI642366	VIDA	HRS	11.5	58	71.0	9.9	0.39	1.29	M	4	4.9	61.1	5.2	1005	8	71.3
VIDA	SidneyDRY	2010	PI642366	VIDA	HRS	11.1	76	69.9	9.6	0.40	1.48	M	3	4.4	60.8	5.4	955	7	71.0
VIDA	Moccasin	2010	PI642366	VIDA	HRS	15.0	70	62.3	13.3	0.45	1.72	MH	5	7.1	68.5	10.6	1150	8	79.2
VIDA	HuntleyDRY	2010	PI642366	VIDA	HRS	10.4	78	68.2	9.0	0.43	1.66	M	5	5.0	61.0	4.5	850	7	71.2
VIDA	BozIRR	2009	PI642366	VIDA	HRS	14.3	73	73.2	15.1	0.47	1.32	M	1	3.7	70.6	4.6	1190	7	75.8
VIDA	Havre	2009	PI642366	VIDA	HRS	14.2	66	70.9	12.8	0.40	1.36	MH	3	3.6	64.9	5.7	1240	8	74.6
VIDA	SidneyDRY	2009	PI642366	VIDA	HRS	14.2	73	71.0	12.7	0.41	1.59	MH	3	3.2	65.6	4.3	1105	7	75.8
VIDA	Moccasin	2009	PI642366	VIDA	HRS	15.8	63	70.5	14.2	0.39	1.41	MH	2	3.7	70.7	5.9	1285	7	77.9
VOLT	Havre	2014	ACS52610	VOLT	HRS	14.5	89	71.1	13.3	0.43	1.75	M	6	8.9	69.5	21.6	1120	8	79.2
VOLT	SidneyDRY	2014	ACS52610	VOLT	HRS	11.0	95	69.5	9.6	0.45	1.36	M	5	7.4	59.8	19.4	915	6	71.5
VOLT	BozDRY	2014	ACS52610	VOLT	HRS	14.4	96	71.7	13.0	0.43	1.48	MH	5	6.3	65.4	16.3	1145	8	77.1
VOLT	Havre	2013	ACS52610	VOLT	HRS	14.0	83	67.0	12.1	0.40	1.50	M	7	8.9	68.7	25.2	1070	7	79.9
VOLT	Moccasin	2013	ACS52610	VOLT	HRS	14.8	95	61.6	12.8	0.40	1.66	M	6	7.3	67.3	15.3	1045	7	79.0
VOLT	ConradDRY	2013	ACS52610	VOLT	HRS	12.4	89	64.4	10.7	0.41	1.38	MH	5	4.6	63.5	9.8	1020	8	74.7
VOLT	BozDRY	2013	ACS52610	VOLT	HRS	16.8	93	62.8	14.4	0.39	1.60	MH	5	9.4	72.0	22.3	1190	9	82.2
VOLT	Havre	2012	ACS52610	VOLT	HRS	17.7	98	58.0	15.8	0.43	2.05	MH	6	6.0	68.3	9.9	1175	7	78.5
VOLT	SidneyDRY	2012	ACS52610	VOLT	HRS	14.9	88	62.9	13.0	0.41	1.72	M	5	8.0	65.0	12.4	1095	8	75.7
VOLT	Moccasin	2012	ACS52610	VOLT	HRS	16.6	90	62.8	14.7	0.42	1.56	MH	7	5.5	67.1	10.1	1175	8	77.8
VOLT	BozDRY	2012	ACS52610	VOLT	HRS	13.3	97	66.3	11.5	0.40	1.31	MH	6	5.1	63.0	11.6	1020	8	74.2
VOLT	Havre	2011	ACS52610	VOLT	HRS	13.4	90	67.0	11.7	0.40	1.53	M	6	8.8	65.3	15.5	975	8	77.0
VOLT	SidneyDRY	2011	ACS52610	VOLT	HRS	15.4	95	63.9	13.4	0.39	1.68	MH	5	7.5	67.9	19.6	1135	8	77.6
VOLT	Moccasin	2011	ACS52610	VOLT	HRS	14.6	100	63.3	12.8	0.41	1.69	M	5	9.4	69.3	20.0	1015	8	80.5
VOLT	BozDRY	2011	ACS52610	VOLT	HRS	13.3	87	64.9	11.4	0.40	1.16	MH	4	5.2	63.6	11.7	1045	9	75.8
VOLT	Havre	2010	ACS52610	VOLT	HRS	11.5	59	67.9	10.0	0.42	1.53	LM	5	10.2	63.0	15.1	915	8	74.7
VOLT	SidneyDRY	2010	ACS52610	VOLT	HRS	10.3	75	65.9	8.5	0.42	1.78	LM	6	6.6	60.5	12.9	840	7	73.2
VOLT	Moccasin	2010	ACS52610	VOLT	HRS	14.3	85	60.1	12.4	0.47	1.81	M	5	4.8	65.3	6.5	1005	7	75.0
VOLT	HuntleyDRY	2010	ACS52610	VOLT	HRS	10.8	84	66.4	9.4	0.45	1.82	M	5	6.6	62.9	10.1	825	7	75.6
VOLT	BozIRR	2009	ACS52610	VOLT	HRS	13.8	80	70.5	14.3	0.52	1.37	MH	5	6.2	72.2	14.5	1105	8	83.9
VOLT	Havre	2009	ACS52610	VOLT	HRS	14.2	78	69.7	12.5	0.43	1.47	M	6	7.4	64.7	17.6	1050	9	78.9
VOLT	SidneyDRY	2009	ACS52610	VOLT	HRS	13.8	81	68.5	12.4	0.44	1.65	MH	5	7.3	68.6	18.1	1035	9	83.8
VOLT	Moccasin	2009	ACS52610	VOLT	HRS	15.0	75	67.8	13.6	0.42	1.45	MH	6	8.6	70.0	22.4	1130	7	80.2
WB GUNNISO	BozDRY	2017	BZ92413R	WB GUNNISO	HRS	14.8	81	68.3	13.1	0.42	1.72	M	5	9.2	70.4	17.0	1165	6	81.1
WB GUNNISO	ConradDRY	2017	BZ92413R	WB GUNNISO	HRS	13.8	80	68.8	12.7	0.41	1.57	MH	5	8.0	67.7	15.1	1145	7	78.4
WB GUNNISO	Havre	2017	BZ92413R	WB GUNNISO	HRS	15.3	76	64.9	13.8	0.43	1.49	MH	5	6.8	71.0	11.4	1060	6	83.2

WB GUNNISO BozIRR	2016	BZ92413R	WB GUNNISO	HRS	14.1	81	67.4	12.9	0.43	1.41	MH	5	6.5	66.5	13.8	1140	6	78.2
WB GUNNISO Havre	2016	BZ92413R	WB GUNNISO	HRS	14.8	84	69.2	13.4	0.43	1.75	MH	5	10.0	72.6	21.5	1255	5	83.1
WB GUNNISO SidneyDRY	2016	BZ92413R	WB GUNNISO	HRS	11.9	82	68.9	10.7	0.44	1.66	M	4	7.2	60.8	13.1	970	6	73.5
WB GUNNISO BozIRR	2015	BZ92413R	WB GUNNISO	HRS	14.0	82	68.4	12.6	0.45	1.55	MH	6	6.7	70.9	11.7	1170	8	80.6
WB GUNNISO Havre	2015	BZ92413R	WB GUNNISO	HRS	16.5	68	67.5	15.0	0.40	1.64	MH	6	14.0	70.4	21.8	1340	8	81.1
WB GUNNISO SidneyIRR	2015	BZ92413R	WB GUNNISO	HRS	13.7	75	69.5	12.1	0.44	1.85	MH	5	4.2	63.3	6.5	1125	8	73.5
WB GUNNISO Havre	2014	BZ92413R	WB GUNNISO	HRS	14.7	80	68.2	13.5	0.44	1.74	M	5	9.6	67.3	16.0	1185	8	78.0
WB GUNNISO SidneyDRY	2014	BZ92413R	WB GUNNISO	HRS	11.5	91	68.7	10.1	0.43	1.47	M	5	8.9	60.5	17.6	1000	8	72.2
WB GUNNISO BozDRY	2014	BZ92413R	WB GUNNISO	HRS	14.5	91	68.5	13.0	0.47	1.79	MH	5	9.0	65.2	16.1	1200	8	77.4
WB GUNNISO Havre	2013	BZ92413R	WB GUNNISO	HRS	14.2	73	61.9	12.1	0.40	1.48	MH	5	5.6	68.8	12.4	1135	8	79.5
WB GUNNISO Moccasin	2013	BZ92413R	WB GUNNISO	HRS	15.0	82	57.7	12.8	0.40	1.63	M	6	9.7	68.9	16.4	1110	8	79.6
WB GUNNISO ConradDRY	2013	BZ92413R	WB GUNNISO	HRS	13.5	83	62.6	11.5	0.41	1.49	MH	5	4.8	64.4	8.1	1140	8	74.6
WB GUNNISO BozDRY	2013	BZ92413R	WB GUNNISO	HRS	15.6	87	61.1	13.7	0.40	1.62	MH	5	6.9	68.1	11.5	1215	8	77.8
WB GUNNISO Havre	2012	BZ92413R	WB GUNNISO	HRS	17.0	85	58.5	15.4	0.41	1.94	MH	9	11.5	70.8	17.5	1285	8	81.5
WB GUNNISO SidneyDRY	2012	BZ92413R	WB GUNNISO	HRS	13.9	87	59.9	11.9	0.42	1.63	M	5	9.4	61.4	14.9	1110	9	72.6
WB GUNNISO Moccasin	2012	BZ92413R	WB GUNNISO	HRS	16.1	91	59.8	14.4	0.43	1.58	M	6	9.4	67.1	12.4	1300	8	76.8
WB GUNNISO BozDRY	2012	BZ92413R	WB GUNNISO	HRS	13.6	86	62.1	11.6	0.40	1.35	M	4	7.2	62.1	9.2	1115	6	72.3
WB GUNNISO Havre	2011	BZ92413RWB GUNNISON	WB GUNNISON	HRS	13.4	91	62.7	11.6	0.40	1.79	M	5	9.8	66.1	17.6	1175	8	76.8
WB GUNNISO SidneyDRY	2011	BZ92413RWB GUNNISON	WB GUNNISON	HRS	15.1	85	60.6	13.1	0.41	1.71	M	5	7.4	66.8	15.9	1220	7	78.5
WB GUNNISO Moccasin	2011	BZ92413RWB GUNNISON	WB GUNNISON	HRS	14.7	82	60.7	12.8	0.42	1.63	M	5	9.7	68.0	16.7	1125	8	79.7
WB GUNNISO BozDRY	2011	BZ92413RWB GUNNISON	WB GUNNISON	HRS	14.8	76	60.6	12.3	0.39	1.30	MH	4	6.3	68.2	12.1	1125	7	78.9
WB9879CLP BozDRY	2017	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	15.7	67	69.8	14.2	0.39	1.59	M	1	2.3	69.4	3.2	1010	5	79.1
WB9879CLP ConradDRY	2017	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	14.7	65	69.8	13.7	0.38	1.27	M	1	1.8	64.5	2.0	1020	4	72.2
WB9879CLP Havre	2017	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	16.4	70	66.1	14.8	0.39	1.29	M	3	2.0	64.2	1.8	995	4	73.4
WB9879CLP BozIRR	2016	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	15.3	71	69.0	14.1	0.39	1.26	M	2	2.0	65.4	2.8	1045	3	74.6
WB9879CLP Havre	2016	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	15.7	66	70.0	14.6	0.38	1.57	MH	2	2.7	67.3	4.1	1105	6	76.0
WB9879CLP SidneyDRY	2016	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	12.1	59	70.0	10.7	0.41	1.49	M	3	1.7	55.9	3.1	915	5	65.6
WB9879CLP BozIRR	2015	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	15.8	61	69.7	14.7	0.40	1.46	MH	2	2.0	67.2	2.6	1160	7	77.4
WB9879CLP Havre	2015	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	16.7	51	68.3	15.6	0.37	1.67	MH	4	3.0	68.3	4.2	1165	7	77.0
WB9879CLP SidneyIRR	2015	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	14.4	63	70.9	13.0	0.41	1.76	M	0	2.0	65.7	2.2	1000	6	74.4
WB9879CLP Havre	2014	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	16.4	66	69.7	15.5	0.39	1.68	MH	2	2.5	67.2	8.0	1120	8	74.9
WB9879CLP SidneyDRY	2014	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	12.8	70	70.0	11.6	0.41	1.38	M	4	3.1	62.2	5.3	1015	7	72.4
WB9879CLP BozDRY	2014	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	15.4	73	69.9	14.0	0.41	1.35	M	2	2.3	65.7	3.2	1130	7	74.4
WB9879CLP Havre	2013	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	14.9	70	63.2	13.0	0.38	1.40	MH	4	2.1	64.8	3.0	1110	6	73.5
WB9879CLP Moccasin	2013	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	15.0	76	60.0	13.3	0.38	1.61	M	4	3.1	67.5	6.7	1105	5	76.7
WB9879CLP ConradDRY	2013	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	14.0	71	63.2	12.2	0.41	1.33	MH	4	2.1	62.8	2.5	1025	8	71.5
WB9879CLP BozDRY	2013	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	15.8	78	62.6	13.8	0.37	1.46	MH	2	2.5	68.0	3.3	1090	2	74.7
WB9879CLP Havre	2012	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	17.4	74	60.3	15.8	0.38	1.95	M	3	4.2	67.9	5.0	1200	8	77.6
WB9879CLP SidneyDRY	2012	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	14.6	75	62.9	13.0	0.40	1.60	M	4	3.5	63.0	3.8	1030	6	70.7
WB9879CLP Moccasin	2012	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	17.7	81	61.8	15.9	0.42	1.71	MH	4	3.4	68.2	3.2	1110	7	76.4
WB9879CLP BozDRY	2012	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	14.9	73	61.6	12.7	0.38	1.27	M	2	2.0	62.7	2.0	1010	6	70.9
WB9879CLP Havre	2011	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	14.5	72	65.1	12.8	0.38	1.62	M	4	3.6	68.0	5.2	1060	6	76.7
WB9879CLP SidneyDRY	2011	CHOTEAU*3/(WB9879CLP	WB9879CLP	HRS	15.7	74	61.6	13.9	0.37	1.59	M	3	3.2	66.9	4.9	1200	8	75.6

WB9879CLP	Moccasin	2011	CHOTEAU*3/(WB9879CLP	HRS	15.6	75	64.7	13.9	0.41	1.68	M	4	4.0	68.9	5.7	1065	7	77.6
WB9879CLP	BozDRY	2011	CHOTEAU*3/(WB9879CLP	HRS	14.7	73	61.4	12.7	0.39	1.16	M	2	2.7	67.5	3.4	975	2	75.7
WB9879CLP	Havre	2010	CHOTEAU*3/(WB9879CLP	HRS	12.8	44	66.8	11.2	0.40	1.38	M	3	3.2	63.6	3.7	1025	5	72.3
WB9879CLP	SidneyDRY	2010	CHOTEAU*3/(WB9879CLP	HRS	10.7	68	65.0	9.4	0.40	1.53	LM	3	3.5	60.8	4.5	950	6	71.0
WB9879CLP	Moccasin	2010	CHOTEAU*3/(WB9879CLP	HRS	13.9	78	61.0	12.3	0.42	1.68	M	4	7.4	67.3	10.8	1070	7	78.0
WB9879CLP	HuntleyDRY	2010	CHOTEAU*3/(WB9879CLP	HRS	11.3	67	65.2	9.9	0.44	1.61	LM	2	3.9	63.8	3.3	935	7	71.5