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Supplemental materials for Largemouth Bass respirometry research: data archived in support of open-access publication

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Supplemental materials for Largemouth Bass respirometry research: data archived in support of open-access publication

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Abstract:

Fisheries induced evolution (FIE) is hypothesized to cause changes in the life history, physiology and behavior of exploited fish stocks. Most studies evaluating FIE have occurred in exploited marine stocks which offer little opportunity for replication and few unexploited stocks exist for comparison. Inland recreational fisheries, however, offer the opportunity to replicate experiments in multiple systems, and while rare, unexploited populations exist for comparison. We measured the resting metabolic rate of four populations of largemouth bass, two exploited and two unexploited, to evaluate whether patterns of resting metabolic rates conformed to expectations for fisheries induced evolution. This document contains the resting metabolic rate data collected in the field from September 16th 2013 through October 22nd 2013. These data form the basis for an open access publication and are archived here as supplemental information.

Keywords: Fisheries Induced Evolution, recreational fisheries, largemouth bass

The following table contains resting metabolic rate (RMR) data collected by Jan-Michael Hessenauer from September 16th 2013 through October 22nd 2013.

Fish from four populations, two exploited by anglers (Amos Lake and Gardner Lake) and two unexploited by anglers (Hemlock Reservoir and Easton Reservoir) were held in a common environment for 10 months prior to data collection. Data were collected using an intermittent flow-through respirometer, comprised of four ~0.75 L total volume chambers. Variation in oxygen partial pressure was measured using an OXY-4 fiber optic oxygen probe (Loloigo Systems, Tjele, Denmark), and metabolic rate was calculated based on the equation:

$$M_{O_2} = \frac{k \times V \times \alpha}{m}$$

Where MO_2 is oxygen consumption (metabolic rate) expressed in $mg\ O_2 \cdot kg^{-1} \cdot h^{-1}$, k is the slope of the regression line between Oxygen partial pressure in each tube over run time, V is the volume of the respirometry chamber, α is the solubility of oxygen in water at the experimental temperature and m is the mass of the fish in kg.

FishID represents the identification number of each individual, Temp is the temperature in degrees Celsius at which the measurement was made, Pop is the population of origin of each individual, Met is the metabolic rate measured, R2 is the R^2 value of each measurement. Weight is the weight of each fish in grams. Length is the length of each fish in mm. Fished represents the exploitation status of the source population, with yes representing an exploited population and no representing an unexploited population. Tube represents which of the four respirometry chambers the fish was measured in and Date is the date that data was collected.

FishID	Temp	Pop	Met	R2	Weight	Length	Fished	Tube	Date
A101	18.9	Amos	121.59	0.98	30.5	138	Yes	T1	9/16/2013
A101	18.9	Amos	122.37	0.98	30.5	138	Yes	T1	9/16/2013
A101	18.9	Amos	123.25	0.98	30.5	138	Yes	T1	9/16/2013
A101	19	Amos	123.58	0.98	30.5	138	Yes	T1	9/16/2013
A101	18.9	Amos	123.80	0.98	30.5	138	Yes	T1	9/16/2013
A101	18.9	Amos	124.91	0.98	30.5	138	Yes	T1	9/16/2013
E051	18.9	Easton	133.36	0.93	29	140	No	T3	9/16/2013
E051	18.9	Easton	132.58	0.94	29	140	No	T3	9/16/2013
E051	18.9	Easton	133.75	0.94	29	140	No	T3	9/16/2013
E051	18.9	Easton	135.18	0.94	29	140	No	T3	9/16/2013
E051	18.9	Easton	135.44	0.94	29	140	No	T3	9/16/2013
E051	19	Easton	135.70	0.94	29	140	No	T3	9/16/2013
H001	18.9	Hemlock	130.51	0.98	31.1	132	No	T2	9/16/2013
H001	18.9	Hemlock	131.27	0.98	31.1	132	No	T2	9/16/2013

H001	18.9	Hemlock	133.42	0.98	31.1	132	No	T2	9/16/2013
H001	18.9	Hemlock	133.85	0.98	31.1	132	No	T2	9/16/2013
H001	18.8	Hemlock	132.45	0.99	31.1	132	No	T2	9/16/2013
H001	18.9	Hemlock	133.21	0.99	31.1	132	No	T2	9/16/2013
A102	18.7	Amos	103.16	0.98	34.2	143	Yes	T2	9/17/2013
A102	18.7	Amos	104.83	0.98	34.2	143	Yes	T2	9/17/2013
A102	18.7	Amos	104.74	0.98	34.2	143	Yes	T2	9/17/2013
A102	18.8	Amos	105.03	0.98	34.2	143	Yes	T2	9/17/2013
A102	18.7	Amos	105.72	0.98	34.2	143	Yes	T2	9/17/2013
A102	18.7	Amos	106.21	0.98	34.2	143	Yes	T2	9/17/2013
E052	18.7	Easton	126.77	0.92	28.1	132	No	T3	9/17/2013
E052	18.9	Easton	131.33	0.92	28.1	132	No	T3	9/17/2013
E052	18.9	Easton	129.72	0.93	28.1	132	No	T3	9/17/2013
E052	18.8	Easton	129.59	0.93	28.1	132	No	T3	9/17/2013
E052	18.7	Easton	129.59	0.93	28.1	132	No	T3	9/17/2013
E052	18.7	Easton	131.33	0.93	28.1	132	No	T3	9/17/2013
G152	18.7	Gardner	137.00	0.99	32.9	141	Yes	T1	9/17/2013
G152	18.7	Gardner	137.10	0.99	32.9	141	Yes	T1	9/17/2013
G152	18.7	Gardner	137.41	0.99	32.9	141	Yes	T1	9/17/2013
G152	18.7	Gardner	137.41	0.99	32.9	141	Yes	T1	9/17/2013
G152	18.7	Gardner	137.82	0.99	32.9	141	Yes	T1	9/17/2013
G152	18.8	Gardner	138.33	0.99	32.9	141	Yes	T1	9/17/2013
A103	19	Amos	115.92	0.99	39.6	149	Yes	T2	9/18/2013
A103	19	Amos	116.26	0.99	39.6	149	Yes	T2	9/18/2013
A103	19	Amos	116.51	0.99	39.6	149	Yes	T2	9/18/2013
A103	19	Amos	116.77	0.99	39.6	149	Yes	T2	9/18/2013
A103	19	Amos	117.95	0.99	39.6	149	Yes	T2	9/18/2013
A103	19	Amos	118.12	0.99	39.6	149	Yes	T2	9/18/2013
E053	19	Easton	127.55	0.99	45.1	153	No	T1	9/18/2013
E053	19	Easton	129.16	0.99	45.1	153	No	T1	9/18/2013
E053	19	Easton	129.82	0.99	45.1	153	No	T1	9/18/2013
E053	19	Easton	129.96	0.99	45.1	153	No	T1	9/18/2013
E053	19	Easton	130.55	0.99	45.1	153	No	T1	9/18/2013
E053	19	Easton	131.13	0.99	45.1	153	No	T1	9/18/2013
G153	19	Gardner	94.98	0.92	32.2	138	Yes	T3	9/18/2013
G153	19	Gardner	97.42	0.92	32.2	138	Yes	T3	9/18/2013
G153	19.1	Gardner	97.88	0.92	32.2	138	Yes	T3	9/18/2013
G153	19.1	Gardner	98.11	0.92	32.2	138	Yes	T3	9/18/2013
G153	19	Gardner	98.58	0.92	32.2	138	Yes	T3	9/18/2013
G153	19	Gardner	98.69	0.93	32.2	138	Yes	T3	9/18/2013
H003	19.1	Hemlock	126.50	0.94	38.1	146	No	T4	9/18/2013

H003	19	Hemlock	127.27	0.94	38.1	146	No	T4	9/18/2013
H003	19	Hemlock	127.65	0.94	38.1	146	No	T4	9/18/2013
H003	19	Hemlock	127.75	0.94	38.1	146	No	T4	9/18/2013
H003	19	Hemlock	128.04	0.94	38.1	146	No	T4	9/18/2013
H003	19	Hemlock	129.29	0.94	38.1	146	No	T4	9/18/2013
A104	19.2	Amos	134.90	0.98	20.4	122	Yes	T2	9/19/2013
A104	19.2	Amos	135.10	0.98	20.4	122	Yes	T2	9/19/2013
A104	19.2	Amos	135.20	0.98	20.4	122	Yes	T2	9/19/2013
A104	19.2	Amos	136.80	0.98	20.4	122	Yes	T2	9/19/2013
A104	19.3	Amos	137.00	0.98	20.4	122	Yes	T2	9/19/2013
A104	19.2	Amos	138.80	0.98	20.4	122	Yes	T2	9/19/2013
E054	19.2	Easton	138.75	0.91	24.2	128	No	T4	9/19/2013
E054	19.3	Easton	139.55	0.91	24.2	128	No	T4	9/19/2013
E054	19.2	Easton	140.85	0.91	24.2	128	No	T4	9/19/2013
E054	19.2	Easton	142.85	0.91	24.2	128	No	T4	9/19/2013
E054	19.2	Easton	143.15	0.91	24.2	128	No	T4	9/19/2013
E054	19.2	Easton	143.15	0.92	24.2	128	No	T4	9/19/2013
H004	19.2	Hemlock	141.50	0.99	20.9	122	No	T1	9/19/2013
H004	19.2	Hemlock	143.40	0.99	20.9	122	No	T1	9/19/2013
H004	19.2	Hemlock	144.00	0.99	20.9	122	No	T1	9/19/2013
H004	19.3	Hemlock	144.60	0.99	20.9	122	No	T1	9/19/2013
H004	19.2	Hemlock	145.10	0.99	20.9	122	No	T1	9/19/2013
H004	19.4	Hemlock	147.90	0.99	20.9	122	No	T1	9/19/2013
H154	19.2	Hemlock	137.50	0.94	21.1	122	No	T3	9/19/2013
H154	19.2	Hemlock	140.90	0.94	21.1	122	No	T3	9/19/2013
H154	19.2	Hemlock	141.60	0.94	21.1	122	No	T3	9/19/2013
H154	19.2	Hemlock	142.20	0.94	21.1	122	No	T3	9/19/2013
H154	19.3	Hemlock	143.20	0.94	21.1	122	No	T3	9/19/2013
H154	19.3	Hemlock	143.40	0.94	21.1	122	No	T3	9/19/2013
A105	19.8	Amos	122.48	0.97	44.2	152	Yes	T3	9/20/2013
A105	19.8	Amos	122.97	0.97	44.2	152	Yes	T3	9/20/2013
A105	20	Amos	127.31	0.97	44.2	152	Yes	T3	9/20/2013
A105	20	Amos	128.21	0.97	44.2	152	Yes	T3	9/20/2013
A105	19.9	Amos	125.75	0.98	44.2	152	Yes	T3	9/20/2013
A105	19.9	Amos	127.80	0.98	44.2	152	Yes	T3	9/20/2013
H005	19.8	Hemlock	141.81	0.99	45.5	150	No	T2	9/20/2013
H005	19.8	Hemlock	142.10	0.99	45.5	150	No	T2	9/20/2013
H005	20	Hemlock	142.38	0.99	45.5	150	No	T2	9/20/2013
H005	19.8	Hemlock	142.67	0.99	45.5	150	No	T2	9/20/2013
H005	19.8	Hemlock	143.59	0.99	45.5	150	No	T2	9/20/2013
H005	20.1	Hemlock	144.16	0.99	45.5	150	No	T2	9/20/2013

A106	20.5	Amos	147.90	0.94	38.6	145	Yes	T4	9/21/2013
A106	20.3	Amos	149.00	0.94	38.6	145	Yes	T4	9/21/2013
A106	20.6	Amos	149.84	0.94	38.6	145	Yes	T4	9/21/2013
A106	20.3	Amos	150.32	0.94	38.6	145	Yes	T4	9/21/2013
A106	20.3	Amos	150.41	0.95	38.6	145	Yes	T4	9/21/2013
A106	20.3	Amos	151.92	0.95	38.6	145	Yes	T4	9/21/2013
E056	20.5	Easton	135.24	0.99	34.2	143	No	T1	9/21/2013
E056	20.3	Easton	135.48	0.99	34.2	143	No	T1	9/21/2013
E056	20.3	Easton	135.96	0.99	34.2	143	No	T1	9/21/2013
E056	20.3	Easton	136.44	0.99	34.2	143	No	T1	9/21/2013
E056	20.2	Easton	137.02	0.99	34.2	143	No	T1	9/21/2013
E056	20.3	Easton	138.17	0.99	34.2	143	No	T1	9/21/2013
G156	20.3	Gardner	137.77	0.96	39.3	145	Yes	T3	9/21/2013
G156	20.3	Gardner	140.00	0.96	39.3	145	Yes	T3	9/21/2013
G156	20.3	Gardner	140.37	0.96	39.3	145	Yes	T3	9/21/2013
G156	20.6	Gardner	142.27	0.96	39.3	145	Yes	T3	9/21/2013
G156	20.5	Gardner	144.56	0.96	39.3	145	Yes	T3	9/21/2013
G156	20.3	Gardner	143.54	0.97	39.3	145	Yes	T3	9/21/2013
H006	20.6	Hemlock	137.96	0.99	38.2	147	No	T2	9/21/2013
H006	20.5	Hemlock	138.80	0.99	38.2	147	No	T2	9/21/2013
H006	20.3	Hemlock	141.54	0.99	38.2	147	No	T2	9/21/2013
H006	20.3	Hemlock	142.48	0.99	38.2	147	No	T2	9/21/2013
H006	20.3	Hemlock	142.90	0.99	38.2	147	No	T2	9/21/2013
H006	20.3	Hemlock	143.24	0.99	38.2	147	No	T2	9/21/2013
A107	18.8	Amos	153.04	0.94	24.4	129	Yes	T4	9/22/2013
A107	18.9	Amos	154.54	0.94	24.4	129	Yes	T4	9/22/2013
A107	18.9	Amos	156.04	0.94	24.4	129	Yes	T4	9/22/2013
A107	19	Amos	156.14	0.94	24.4	129	Yes	T4	9/22/2013
A107	18.9	Amos	157.14	0.94	24.4	129	Yes	T4	9/22/2013
A107	18.8	Amos	157.24	0.94	24.4	129	Yes	T4	9/22/2013
G157	18.9	Gardner	137.09	0.96	23.3	131	Yes	T3	9/22/2013
G157	18.9	Gardner	143.69	0.96	23.3	131	Yes	T3	9/22/2013
G157	18.8	Gardner	143.89	0.96	23.3	131	Yes	T3	9/22/2013
G157	18.8	Gardner	144.09	0.96	23.3	131	Yes	T3	9/22/2013
G157	18.9	Gardner	144.59	0.96	23.3	131	Yes	T3	9/22/2013
G157	18.8	Gardner	145.19	0.96	23.3	131	Yes	T3	9/22/2013
H007	18.9	Hemlock	122.16	0.99	24.4	131	No	T2	9/22/2013
H007	18.8	Hemlock	122.66	0.99	24.4	131	No	T2	9/22/2013
H007	18.8	Hemlock	123.56	0.99	24.4	131	No	T2	9/22/2013
H007	18.9	Hemlock	123.96	0.99	24.4	131	No	T2	9/22/2013
H007	19	Hemlock	125.16	0.99	24.4	131	No	T2	9/22/2013

H007	19	Hemlock	127.76	0.99	24.4	131	No	T2	9/22/2013
A108	19	Amos	119.72	0.99	37.7	148	Yes	T1	9/23/2013
A108	19	Amos	122.02	0.99	37.7	148	Yes	T1	9/23/2013
A108	19	Amos	122.12	0.99	37.7	148	Yes	T1	9/23/2013
A108	19	Amos	122.62	0.99	37.7	148	Yes	T1	9/23/2013
A108	19	Amos	123.02	0.99	37.7	148	Yes	T1	9/23/2013
A108	19	Amos	123.02	0.99	37.7	148	Yes	T1	9/23/2013
E058	19	Easton	125.17	0.95	32.5	137	No	T3	9/23/2013
E058	19	Easton	125.37	0.95	32.5	137	No	T3	9/23/2013
E058	19	Easton	128.37	0.95	32.5	137	No	T3	9/23/2013
E058	19	Easton	128.27	0.96	32.5	137	No	T3	9/23/2013
E058	19	Easton	129.57	0.96	32.5	137	No	T3	9/23/2013
E058	19	Easton	129.97	0.96	32.5	137	No	T3	9/23/2013
G158	19	Gardner	113.94	0.98	32.1	139	Yes	T2	9/23/2013
G158	19	Gardner	116.34	0.98	32.1	139	Yes	T2	9/23/2013
G158	19	Gardner	117.74	0.98	32.1	139	Yes	T2	9/23/2013
G158	19.1	Gardner	117.94	0.98	32.1	139	Yes	T2	9/23/2013
G158	19.2	Gardner	120.54	0.98	32.1	139	Yes	T2	9/23/2013
G158	19.2	Gardner	121.04	0.98	32.1	139	Yes	T2	9/23/2013
H008	19	Hemlock	149.26	0.94	37.1	143	No	T4	9/23/2013
H008	19	Hemlock	151.26	0.94	37.1	143	No	T4	9/23/2013
H008	19	Hemlock	151.36	0.94	37.1	143	No	T4	9/23/2013
H008	19	Hemlock	151.96	0.94	37.1	143	No	T4	9/23/2013
H008	19	Hemlock	151.26	0.95	37.1	143	No	T4	9/23/2013
H008	19	Hemlock	153.16	0.95	37.1	143	No	T4	9/23/2013
A109	19.3	Amos	114.56	0.95	39	148	Yes	T3	9/24/2013
A109	19.2	Amos	113.36	0.96	39	148	Yes	T3	9/24/2013
A109	19.3	Amos	113.36	0.96	39	148	Yes	T3	9/24/2013
A109	19.2	Amos	114.16	0.96	39	148	Yes	T3	9/24/2013
A109	19.2	Amos	114.56	0.96	39	148	Yes	T3	9/24/2013
A109	19.2	Amos	114.66	0.96	39	148	Yes	T3	9/24/2013
E059	19.2	Easton	127.35	0.96	41.1	154	No	T4	9/24/2013
E059	19.3	Easton	128.65	0.96	41.1	154	No	T4	9/24/2013
E059	19.2	Easton	129.85	0.96	41.1	154	No	T4	9/24/2013
E059	19.2	Easton	129.95	0.96	41.1	154	No	T4	9/24/2013
E059	19.3	Easton	130.25	0.96	41.1	154	No	T4	9/24/2013
E059	19.2	Easton	130.95	0.96	41.1	154	No	T4	9/24/2013
G159	19.5	Gardner	104.70	0.99	48.3	155	Yes	T1	9/24/2013
G159	19.5	Gardner	110.50	0.99	48.3	155	Yes	T1	9/24/2013
G159	19.5	Gardner	111.10	0.99	48.3	155	Yes	T1	9/24/2013
G159	19.6	Gardner	111.80	0.99	48.3	155	Yes	T1	9/24/2013

G159	19.5	Gardner	112.10	0.99	48.3	155	Yes	T1	9/24/2013
G159	19.6	Gardner	114.80	0.99	48.3	155	Yes	T1	9/24/2013
H009	19.3	Hemlock	124.22	0.99	36.5	145	No	T2	9/24/2013
H009	19.2	Hemlock	124.62	0.99	36.5	145	No	T2	9/24/2013
H009	19.2	Hemlock	126.32	0.99	36.5	145	No	T2	9/24/2013
H009	19.2	Hemlock	126.32	0.99	36.5	145	No	T2	9/24/2013
H009	19.3	Hemlock	126.52	0.99	36.5	145	No	T2	9/24/2013
H009	19.2	Hemlock	127.02	0.99	36.5	145	No	T2	9/24/2013
H010	19.7	Hemlock	119.27	0.95	53.5	158	No	T4	9/25/2013
H010	19.9	Hemlock	122.53	0.95	53.5	158	No	T4	9/25/2013
H010	19.8	Hemlock	122.86	0.95	53.5	158	No	T4	9/25/2013
H010	19.7	Hemlock	121.73	0.96	53.5	158	No	T4	9/25/2013
H010	19.8	Hemlock	122.93	0.96	53.5	158	No	T4	9/25/2013
H010	19.8	Hemlock	123.59	0.96	53.5	158	No	T4	9/25/2013
E062	15.2	Easton	92.90	0.91	37.1	141	No	T3	9/27/2013
E062	15.1	Easton	92.79	0.92	37.1	141	No	T3	9/27/2013
E062	15.3	Easton	94.43	0.92	37.1	141	No	T3	9/27/2013
E062	15.1	Easton	96.61	0.92	37.1	141	No	T3	9/27/2013
E062	15.4	Easton	97.26	0.92	37.1	141	No	T3	9/27/2013
E062	15.7	Easton	98.43	0.93	37.1	141	No	T3	9/27/2013
G162	15.1	Gardner	84.10	0.96	30.2	131	Yes	T2	9/27/2013
G162	15.2	Gardner	84.71	0.97	30.2	131	Yes	T2	9/27/2013
G162	15.1	Gardner	84.71	0.97	30.2	131	Yes	T2	9/27/2013
G162	15.3	Gardner	86.90	0.97	30.2	131	Yes	T2	9/27/2013
G162	15.4	Gardner	89.46	0.97	30.2	131	Yes	T2	9/27/2013
G162	15.7	Gardner	89.78	0.97	30.2	131	Yes	T2	9/27/2013
H012	15.1	Hemlock	90.30	0.96	32.3	138	No	T1	9/27/2013
H012	15.1	Hemlock	91.20	0.96	32.3	138	No	T1	9/27/2013
H012	15.2	Hemlock	92.55	0.96	32.3	138	No	T1	9/27/2013
H012	15.3	Hemlock	93.89	0.96	32.3	138	No	T1	9/27/2013
H012	15.7	Hemlock	95.32	0.97	32.3	138	No	T1	9/27/2013
H012	15.4	Hemlock	96.70	0.97	32.3	138	No	T1	9/27/2013
A113	19.5	Amos	105.55	0.94	29.9	137	Yes	T4	9/28/2013
A113	19.5	Amos	107.27	0.95	29.9	137	Yes	T4	9/28/2013
A113	19.6	Amos	108.38	0.95	29.9	137	Yes	T4	9/28/2013
A113	19.6	Amos	109.12	0.95	29.9	137	Yes	T4	9/28/2013
A113	19.7	Amos	111.34	0.95	29.9	137	Yes	T4	9/28/2013
A113	19.8	Amos	113.56	0.95	29.9	137	Yes	T4	9/28/2013
E063	20	Easton	129.60	0.96	32.9	140	No	T3	9/28/2013
E063	19.5	Easton	121.72	0.97	32.9	140	No	T3	9/28/2013
E063	19.7	Easton	128.70	0.97	32.9	140	No	T3	9/28/2013

E063	19.9	Easton	129.83	0.97	32.9	140	No	T3	9/28/2013
E063	19.6	Easton	131.40	0.98	32.9	140	No	T3	9/28/2013
E063	19.6	Easton	132.08	0.98	32.9	140	No	T3	9/28/2013
G163	19.5	Gardner	109.49	0.99	35.2	144	Yes	T2	9/28/2013
G163	19.7	Gardner	111.48	0.99	35.2	144	Yes	T2	9/28/2013
G163	19.9	Gardner	114.12	0.99	35.2	144	Yes	T2	9/28/2013
G163	19.5	Gardner	116.02	0.99	35.2	144	Yes	T2	9/28/2013
G163	19.6	Gardner	117.15	0.99	35.2	144	Yes	T2	9/28/2013
G163	19.6	Gardner	119.04	0.99	35.2	144	Yes	T2	9/28/2013
H013	19.1	Hemlock	131.34	0.99	30.8	138	No	T1	9/28/2013
H013	19.3	Hemlock	132.04	0.99	30.8	138	No	T1	9/28/2013
H013	19.1	Hemlock	132.64	0.99	30.8	138	No	T1	9/28/2013
H013	19.2	Hemlock	132.84	0.99	30.8	138	No	T1	9/28/2013
H013	19.1	Hemlock	132.94	0.99	30.8	138	No	T1	9/28/2013
H013	19.1	Hemlock	133.34	0.99	30.8	138	No	T1	9/28/2013
E064	19.2	Easton	113.53	0.97	33.7	148	No	T3	9/29/2013
E064	19	Easton	118.23	0.97	33.7	148	No	T3	9/29/2013
E064	19	Easton	119.63	0.97	33.7	148	No	T3	9/29/2013
E064	19	Easton	119.63	0.98	33.7	148	No	T3	9/29/2013
E064	19	Easton	120.03	0.98	33.7	148	No	T3	9/29/2013
E064	19	Easton	120.13	0.98	33.7	148	No	T3	9/29/2013
G164	19	Gardner	140.33	0.99	31.2	138	Yes	T1	9/29/2013
G164	19	Gardner	141.03	0.99	31.2	138	Yes	T1	9/29/2013
G164	19.1	Gardner	141.13	0.99	31.2	138	Yes	T1	9/29/2013
G164	19	Gardner	141.33	0.99	31.2	138	Yes	T1	9/29/2013
G164	19	Gardner	141.93	0.99	31.2	138	Yes	T1	9/29/2013
G164	19.1	Gardner	142.03	0.99	31.2	138	Yes	T1	9/29/2013
H014	19.1	Hemlock	119.79	0.99	34.6	142	No	T2	9/29/2013
H014	19	Hemlock	120.49	0.99	34.6	142	No	T2	9/29/2013
H014	19.1	Hemlock	120.89	0.99	34.6	142	No	T2	9/29/2013
H014	19	Hemlock	121.09	0.99	34.6	142	No	T2	9/29/2013
H014	19.2	Hemlock	122.69	0.99	34.6	142	No	T2	9/29/2013
H014	19	Hemlock	123.09	0.99	34.6	142	No	T2	9/29/2013
A115	18.9	Amos	105.24	0.95	28.5	135	Yes	T4	9/30/2013
A115	19	Amos	106.54	0.95	28.5	135	Yes	T4	9/30/2013
A115	19	Amos	106.74	0.95	28.5	135	Yes	T4	9/30/2013
A115	18.9	Amos	106.94	0.95	28.5	135	Yes	T4	9/30/2013
A115	19	Amos	106.94	0.95	28.5	135	Yes	T4	9/30/2013
A115	18.9	Amos	107.94	0.95	28.5	135	Yes	T4	9/30/2013
E065	19	Easton	111.80	0.96	26.6	131	No	T3	9/30/2013
E065	18.9	Easton	113.30	0.96	26.6	131	No	T3	9/30/2013

E065	19	Easton	113.50	0.96	26.6	131	No	T3	9/30/2013
E065	18.9	Easton	114.30	0.96	26.6	131	No	T3	9/30/2013
E065	19	Easton	115.10	0.96	26.6	131	No	T3	9/30/2013
E065	18.9	Easton	116.30	0.96	26.6	131	No	T3	9/30/2013
G165	19	Gardner	117.89	0.99	27.2	132	Yes	T2	9/30/2013
G165	18.9	Gardner	118.49	0.99	27.2	132	Yes	T2	9/30/2013
G165	18.9	Gardner	119.79	0.99	27.2	132	Yes	T2	9/30/2013
G165	19	Gardner	120.09	0.99	27.2	132	Yes	T2	9/30/2013
G165	19	Gardner	120.19	0.99	27.2	132	Yes	T2	9/30/2013
G165	19.1	Gardner	120.69	0.99	27.2	132	Yes	T2	9/30/2013
H015	19	Hemlock	143.15	0.99	25.9	133	No	T1	9/30/2013
H015	19	Hemlock	144.05	0.99	25.9	133	No	T1	9/30/2013
H015	19	Hemlock	144.05	0.99	25.9	133	No	T1	9/30/2013
H015	19	Hemlock	144.25	0.99	25.9	133	No	T1	9/30/2013
H015	19	Hemlock	144.35	0.99	25.9	133	No	T1	9/30/2013
H015	18.9	Hemlock	144.55	0.99	25.9	133	No	T1	9/30/2013
A116	19.6	Amos	123.07	0.99	26.7	131	Yes	T2	10/1/2013
A116	19.4	Amos	126.33	0.99	26.7	131	Yes	T2	10/1/2013
A116	19.8	Amos	126.56	0.99	26.7	131	Yes	T2	10/1/2013
A116	19.5	Amos	126.73	0.99	26.7	131	Yes	T2	10/1/2013
A116	19.4	Amos	126.93	0.99	26.7	131	Yes	T2	10/1/2013
A116	19.4	Amos	127.43	0.99	26.7	131	Yes	T2	10/1/2013
E066	19.6	Easton	119.74	0.97	27.6	135	No	T3	10/1/2013
E066	19.4	Easton	119.94	0.97	27.6	135	No	T3	10/1/2013
E066	19.5	Easton	120.44	0.97	27.6	135	No	T3	10/1/2013
E066	19.8	Easton	122.83	0.97	27.6	135	No	T3	10/1/2013
E066	19.4	Easton	123.04	0.97	27.6	135	No	T3	10/1/2013
E066	19.4	Easton	123.64	0.97	27.6	135	No	T3	10/1/2013
G166	19.4	Gardner	112.06	0.95	25.6	131	Yes	T4	10/1/2013
G166	19.6	Gardner	112.46	0.95	25.6	131	Yes	T4	10/1/2013
G166	19.4	Gardner	112.56	0.95	25.6	131	Yes	T4	10/1/2013
G166	19.4	Gardner	112.76	0.95	25.6	131	Yes	T4	10/1/2013
G166	19.4	Gardner	112.76	0.95	25.6	131	Yes	T4	10/1/2013
G166	19.4	Gardner	113.66	0.95	25.6	131	Yes	T4	10/1/2013
H016	19.6	Hemlock	140.22	0.99	30.4	138	No	T1	10/1/2013
H016	19.4	Hemlock	141.18	0.99	30.4	138	No	T1	10/1/2013
H016	19.4	Hemlock	141.38	0.99	30.4	138	No	T1	10/1/2013
H016	19.4	Hemlock	142.08	0.99	30.4	138	No	T1	10/1/2013
H016	19.4	Hemlock	142.08	0.99	30.4	138	No	T1	10/1/2013
H016	19.5	Hemlock	142.28	0.99	30.4	138	No	T1	10/1/2013
A168	19.5	Amos	119.36	0.98	46	200	Yes	T1	10/3/2013

A168	19.5	Amos	119.64	0.98	46	200	Yes	T1	10/3/2013
A168	19.5	Amos	119.92	0.98	46	200	Yes	T1	10/3/2013
A168	19.6	Amos	119.99	0.98	46	200	Yes	T1	10/3/2013
A168	19.6	Amos	120.63	0.98	46	200	Yes	T1	10/3/2013
A168	19.6	Amos	121.05	0.98	46	200	Yes	T1	10/3/2013
A119	20.1	Amos	140.94	1.00	31.5	137	Yes	T1	10/4/2013
A119	20.1	Amos	142.20	1.00	31.5	137	Yes	T1	10/4/2013
A119	20.1	Amos	142.73	1.00	31.5	137	Yes	T1	10/4/2013
A119	20.2	Amos	142.84	1.00	31.5	137	Yes	T1	10/4/2013
A119	20.1	Amos	143.37	1.00	31.5	137	Yes	T1	10/4/2013
A119	20.1	Amos	144.32	1.00	31.5	137	Yes	T1	10/4/2013
E069	20.2	Easton	122.47	0.98	36.8	146	No	T3	10/4/2013
E069	20.1	Easton	123.56	0.98	36.8	146	No	T3	10/4/2013
E069	20.2	Easton	124.75	0.98	36.8	146	No	T3	10/4/2013
E069	20.2	Easton	125.35	0.98	36.8	146	No	T3	10/4/2013
E069	20.3	Easton	126.74	0.98	36.8	146	No	T3	10/4/2013
E069	20.1	Easton	126.94	0.98	36.8	146	No	T3	10/4/2013
G169	20.2	Gardner	131.03	0.97	26.3	136	Yes	T4	10/4/2013
G169	20.2	Gardner	132.43	0.97	26.3	136	Yes	T4	10/4/2013
G169	20.3	Gardner	132.99	0.97	26.3	136	Yes	T4	10/4/2013
G169	20.1	Gardner	132.01	0.98	26.3	136	Yes	T4	10/4/2013
G169	20.1	Gardner	132.99	0.98	26.3	136	Yes	T4	10/4/2013
G169	20.2	Gardner	132.99	0.98	26.3	136	Yes	T4	10/4/2013
H019	20.3	Hemlock	139.90	1.00	34.9	140	No	T2	10/4/2013
H019	20.3	Hemlock	140.00	1.00	34.9	140	No	T2	10/4/2013
H019	20.2	Hemlock	141.22	1.00	34.9	140	No	T2	10/4/2013
H019	20.4	Hemlock	142.16	1.00	34.9	140	No	T2	10/4/2013
H019	20.3	Hemlock	142.92	1.00	34.9	140	No	T2	10/4/2013
H019	20.1	Hemlock	143.39	1.00	34.9	140	No	T2	10/4/2013
A120	20.2	Amos	140.53	0.99	33	142	Yes	T1	10/5/2013
A120	20.3	Amos	141.22	0.99	33	142	Yes	T1	10/5/2013
A120	20.3	Amos	141.42	0.99	33	142	Yes	T1	10/5/2013
A120	20.4	Amos	141.52	0.99	33	142	Yes	T1	10/5/2013
A120	20.5	Amos	140.73	1.00	33	142	Yes	T1	10/5/2013
A120	20.5	Amos	141.41	1.00	33	142	Yes	T1	10/5/2013
E070	20.5	Easton	123.46	0.97	29.2	132	No	T3	10/5/2013
E070	20.6	Easton	125.20	0.97	29.2	132	No	T3	10/5/2013
E070	20.5	Easton	123.83	0.98	29.2	132	No	T3	10/5/2013
E070	20.5	Easton	124.46	0.98	29.2	132	No	T3	10/5/2013
E070	20.5	Easton	124.71	0.98	29.2	132	No	T3	10/5/2013
E070	20.5	Easton	125.45	0.98	29.2	132	No	T3	10/5/2013

G170	20.5	Gardner	94.68	0.97	27.5	136	Yes	T4	10/5/2013
G170	20.5	Gardner	95.34	0.97	27.5	136	Yes	T4	10/5/2013
G170	20.5	Gardner	95.47	0.97	27.5	136	Yes	T4	10/5/2013
G170	20.5	Gardner	95.60	0.97	27.5	136	Yes	T4	10/5/2013
G170	20.5	Gardner	95.60	0.97	27.5	136	Yes	T4	10/5/2013
G170	20.5	Gardner	95.87	0.97	27.5	136	Yes	T4	10/5/2013
H020	20.3	Hemlock	118.70	0.99	29.9	137	No	T2	10/5/2013
H020	20.3	Hemlock	119.37	0.99	29.9	137	No	T2	10/5/2013
H020	20.5	Hemlock	120.99	0.99	29.9	137	No	T2	10/5/2013
H020	20.5	Hemlock	120.22	1.00	29.9	137	No	T2	10/5/2013
H020	20.5	Hemlock	120.33	1.00	29.9	137	No	T2	10/5/2013
H020	20.5	Hemlock	121.42	1.00	29.9	137	No	T2	10/5/2013
A121	20	Amos	135.54	0.99	37.8	146	Yes	T2	10/6/2013
A121	19.9	Amos	136.23	0.99	37.8	146	Yes	T2	10/6/2013
A121	19.9	Amos	136.32	0.99	37.8	146	Yes	T2	10/6/2013
A121	19.9	Amos	136.41	0.99	37.8	146	Yes	T2	10/6/2013
A121	19.9	Amos	136.41	0.99	37.8	146	Yes	T2	10/6/2013
A121	19.9	Amos	136.58	0.99	37.8	146	Yes	T2	10/6/2013
E071	20	Easton	149.47	0.98	38	143	No	T3	10/6/2013
E071	19.9	Easton	149.95	0.98	38	143	No	T3	10/6/2013
E071	20	Easton	149.95	0.98	38	143	No	T3	10/6/2013
E071	19.6	Easton	150.43	0.98	38	143	No	T3	10/6/2013
E071	19.9	Easton	150.52	0.98	38	143	No	T3	10/6/2013
E071	19.7	Easton	150.62	0.98	38	143	No	T3	10/6/2013
G171	19.9	Gardner	127.76	0.98	54.9	164	Yes	T4	10/6/2013
G171	19.9	Gardner	128.09	0.98	54.9	164	Yes	T4	10/6/2013
G171	19.8	Gardner	128.28	0.98	54.9	164	Yes	T4	10/6/2013
G171	19.9	Gardner	127.30	0.99	54.9	164	Yes	T4	10/6/2013
G171	19.9	Gardner	127.96	0.99	54.9	164	Yes	T4	10/6/2013
G171	20	Gardner	128.15	0.99	54.9	164	Yes	T4	10/6/2013
H021	19.7	Hemlock	144.66	0.99	43.9	152	No	T1	10/6/2013
H021	19.6	Hemlock	144.95	0.99	43.9	152	No	T1	10/6/2013
H021	19.5	Hemlock	145.98	0.99	43.9	152	No	T1	10/6/2013
H021	19.6	Hemlock	146.65	0.99	43.9	152	No	T1	10/6/2013
H021	19.7	Hemlock	148.12	0.99	43.9	152	No	T1	10/6/2013
H021	19.9	Hemlock	148.27	0.99	43.9	152	No	T1	10/6/2013
E072	18.9	Easton	142.76	0.99	22.9	129	No	T2	10/7/2013
E072	18.9	Easton	152.26	0.99	22.9	129	No	T2	10/7/2013
E072	19	Easton	152.36	0.99	22.9	129	No	T2	10/7/2013
E072	19	Easton	152.76	0.99	22.9	129	No	T2	10/7/2013
E072	18.9	Easton	153.56	0.99	22.9	129	No	T2	10/7/2013

E072	18.9	Easton	154.06	0.99	22.9	129	No	T2	10/7/2013
A123	18.9	Amos	153.01	0.99	26.8	133	Yes	T1	10/8/2013
A123	18.9	Amos	154.01	0.99	26.8	133	Yes	T1	10/8/2013
A123	18.9	Amos	154.31	0.99	26.8	133	Yes	T1	10/8/2013
A123	19	Amos	155.11	0.99	26.8	133	Yes	T1	10/8/2013
A123	18.9	Amos	155.51	0.99	26.8	133	Yes	T1	10/8/2013
A123	18.9	Amos	156.11	0.99	26.8	133	Yes	T1	10/8/2013
E073	18.9	Easton	132.42	0.99	25.2	131	No	T2	10/8/2013
E073	19	Easton	132.52	0.99	25.2	131	No	T2	10/8/2013
E073	18.9	Easton	132.52	0.99	25.2	131	No	T2	10/8/2013
E073	19	Easton	132.82	0.99	25.2	131	No	T2	10/8/2013
E073	18.9	Easton	133.02	0.99	25.2	131	No	T2	10/8/2013
E073	19	Easton	133.12	0.99	25.2	131	No	T2	10/8/2013
G173	19.3	Gardner	126.12	0.94	26.7	129	Yes	T4	10/8/2013
G173	18.9	Gardner	152.92	0.97	26.7	129	Yes	T4	10/8/2013
G173	18.9	Gardner	153.52	0.97	26.7	129	Yes	T4	10/8/2013
G173	18.9	Gardner	156.02	0.97	26.7	129	Yes	T4	10/8/2013
G173	19	Gardner	156.72	0.97	26.7	129	Yes	T4	10/8/2013
G173	19.6	Gardner	155.95	0.98	26.7	129	Yes	T4	10/8/2013
H023	19.3	Hemlock	144.60	0.95	23.7	125	No	T3	10/8/2013
H023	18.9	Hemlock	140.50	0.96	23.7	125	No	T3	10/8/2013
H023	18.9	Hemlock	142.60	0.96	23.7	125	No	T3	10/8/2013
H023	19.1	Hemlock	142.80	0.96	23.7	125	No	T3	10/8/2013
H023	19.1	Hemlock	143.20	0.96	23.7	125	No	T3	10/8/2013
H023	18.9	Hemlock	144.50	0.96	23.7	125	No	T3	10/8/2013
A124	16.8	Amos	85.96	0.95	38.4	149	Yes	T4	10/9/2013
A124	16.9	Amos	86.16	0.95	38.4	149	Yes	T4	10/9/2013
A124	16.6	Amos	86.26	0.95	38.4	149	Yes	T4	10/9/2013
A124	16.9	Amos	86.96	0.95	38.4	149	Yes	T4	10/9/2013
A124	16.8	Amos	87.27	0.96	38.4	149	Yes	T4	10/9/2013
A124	16.7	Amos	87.97	0.96	38.4	149	Yes	T4	10/9/2013
A174	16.7	Amos	94.07	0.95	33.6	138	Yes	T3	10/9/2013
A174	16.6	Amos	94.07	0.96	33.6	138	Yes	T3	10/9/2013
A174	16.9	Amos	94.65	0.96	33.6	138	Yes	T3	10/9/2013
A174	16.8	Amos	94.88	0.96	33.6	138	Yes	T3	10/9/2013
A174	16.8	Amos	95.46	0.96	33.6	138	Yes	T3	10/9/2013
A174	16.9	Amos	97.19	0.96	33.6	138	Yes	T3	10/9/2013
E074	16.6	Easton	116.23	0.99	34.3	142	No	T1	10/9/2013
E074	16.7	Easton	120.29	0.99	34.3	142	No	T1	10/9/2013
E074	16.9	Easton	121.00	0.99	34.3	142	No	T1	10/9/2013
E074	16.9	Easton	122.72	0.99	34.3	142	No	T1	10/9/2013

E074	16.7	Easton	123.84	0.99	34.3	142	No	T1	10/9/2013
E074	16.8	Easton	124.65	0.99	34.3	142	No	T1	10/9/2013
H024	16.7	Hemlock	103.06	0.99	31.7	143	No	T2	10/9/2013
H024	16.6	Hemlock	104.05	0.99	31.7	143	No	T2	10/9/2013
H024	16.8	Hemlock	105.47	0.99	31.7	143	No	T2	10/9/2013
H024	16.7	Hemlock	105.91	0.99	31.7	143	No	T2	10/9/2013
H024	16.9	Hemlock	106.13	0.99	31.7	143	No	T2	10/9/2013
H024	16.9	Hemlock	107.67	0.99	31.7	143	No	T2	10/9/2013
G175	16.9	Gardner	86.90	0.98	42.6	158	Yes	T1	10/10/2013
G175	17.2	Gardner	89.07	0.98	42.6	158	Yes	T1	10/10/2013
G175	16.9	Gardner	89.72	0.98	42.6	158	Yes	T1	10/10/2013
G175	17.3	Gardner	90.60	0.98	42.6	158	Yes	T1	10/10/2013
G175	17.6	Gardner	90.71	0.98	42.6	158	Yes	T1	10/10/2013
G175	17.7	Gardner	90.87	0.98	42.6	158	Yes	T1	10/10/2013
H025	16.3	Hemlock	84.81	0.96	27.3	128	No	T2	10/10/2013
H025	16.5	Hemlock	85.23	0.96	27.3	128	No	T2	10/10/2013
H025	16.5	Hemlock	85.49	0.96	27.3	128	No	T2	10/10/2013
H025	16.9	Hemlock	85.62	0.96	27.3	128	No	T2	10/10/2013
H025	16.6	Hemlock	86.01	0.96	27.3	128	No	T2	10/10/2013
H025	15.9	Hemlock	87.19	0.96	27.3	128	No	T2	10/10/2013
A126	17.2	Amos	106.23	0.96	35.2	146	Yes	T3	10/11/2013
A126	17.3	Amos	107.11	0.97	35.2	146	Yes	T3	10/11/2013
A126	18	Amos	108.87	0.97	35.2	146	Yes	T3	10/11/2013
A126	17.5	Amos	109.42	0.97	35.2	146	Yes	T3	10/11/2013
A126	17.7	Amos	109.52	0.97	35.2	146	Yes	T3	10/11/2013
A126	17.6	Amos	109.63	0.97	35.2	146	Yes	T3	10/11/2013
E076	17.2	Easton	120.62	0.97	38.9	150	No	T4	10/11/2013
E076	17.3	Easton	122.09	0.97	38.9	150	No	T4	10/11/2013
E076	17.3	Easton	122.68	0.97	38.9	150	No	T4	10/11/2013
E076	17.7	Easton	123.13	0.97	38.9	150	No	T4	10/11/2013
E076	17.5	Easton	123.76	0.97	38.9	150	No	T4	10/11/2013
E076	17.5	Easton	123.86	0.97	38.9	150	No	T4	10/11/2013
G176	17.7	Gardner	106.14	0.99	26.3	130	Yes	T1	10/11/2013
G176	17.7	Gardner	106.41	0.99	26.3	130	Yes	T1	10/11/2013
G176	17.9	Gardner	107.06	0.99	26.3	130	Yes	T1	10/11/2013
G176	17.3	Gardner	107.58	0.99	26.3	130	Yes	T1	10/11/2013
G176	17.5	Gardner	108.65	0.99	26.3	130	Yes	T1	10/11/2013
G176	17.8	Gardner	109.43	0.99	26.3	130	Yes	T1	10/11/2013
H026	17.7	Hemlock	110.83	0.99	42.4	146	No	T2	10/11/2013
H026	17.7	Hemlock	111.14	0.99	42.4	146	No	T2	10/11/2013
H026	17.9	Hemlock	112.89	0.99	42.4	146	No	T2	10/11/2013

H026	17.6	Hemlock	115.27	0.99	42.4	146	No	T2	10/11/2013
H026	17.8	Hemlock	115.27	0.99	42.4	146	No	T2	10/11/2013
H026	17.3	Hemlock	116.16	0.99	42.4	146	No	T2	10/11/2013
G027	17.2	Gardner	120.29	0.98	26.9	133	Yes	T1	10/12/2013
G027	17.1	Gardner	121.34	0.98	26.9	133	Yes	T1	10/12/2013
G027	17.6	Gardner	123.18	0.98	26.9	133	Yes	T1	10/12/2013
G027	17.6	Gardner	123.31	0.98	26.9	133	Yes	T1	10/12/2013
G027	17.1	Gardner	123.44	0.98	26.9	133	Yes	T1	10/12/2013
G027	17.6	Gardner	125.24	0.98	26.9	133	Yes	T1	10/12/2013
G127	17.1	Gardner	93.59	0.96	49.6	159	Yes	T3	10/12/2013
G127	17.2	Gardner	94.81	0.96	49.6	159	Yes	T3	10/12/2013
G127	17.1	Gardner	95.88	0.96	49.6	159	Yes	T3	10/12/2013
G127	17.4	Gardner	97.41	0.96	49.6	159	Yes	T3	10/12/2013
G127	17.8	Gardner	97.51	0.96	49.6	159	Yes	T3	10/12/2013
G127	17.6	Gardner	97.51	0.96	49.6	159	Yes	T3	10/12/2013
A128	16.1	Amos	98.16	0.98	27.5	131	Yes	T1	10/13/2013
A128	16.1	Amos	99.16	0.99	27.5	131	Yes	T1	10/13/2013
A128	16.2	Amos	100.46	0.99	27.5	131	Yes	T1	10/13/2013
A128	16.1	Amos	100.56	0.99	27.5	131	Yes	T1	10/13/2013
A128	16.2	Amos	100.66	0.99	27.5	131	Yes	T1	10/13/2013
A128	16.1	Amos	101.26	0.99	27.5	131	Yes	T1	10/13/2013
E078	16.2	Easton	85.97	0.96	36.3	148	No	T3	10/13/2013
E078	16.3	Easton	87.57	0.96	36.3	148	No	T3	10/13/2013
E078	16.1	Easton	88.07	0.96	36.3	148	No	T3	10/13/2013
E078	16.2	Easton	88.17	0.96	36.3	148	No	T3	10/13/2013
E078	16.3	Easton	88.37	0.96	36.3	148	No	T3	10/13/2013
E078	16.1	Easton	88.37	0.96	36.3	148	No	T3	10/13/2013
G178	16.2	Gardner	88.72	0.92	25.9	132	Yes	T4	10/13/2013
G178	16.3	Gardner	89.02	0.92	25.9	132	Yes	T4	10/13/2013
G178	16.1	Gardner	89.22	0.92	25.9	132	Yes	T4	10/13/2013
G178	16.1	Gardner	89.32	0.92	25.9	132	Yes	T4	10/13/2013
G178	16.6	Gardner	89.63	0.92	25.9	132	Yes	T4	10/13/2013
G178	16.5	Gardner	90.02	0.92	25.9	132	Yes	T4	10/13/2013
H028	16.1	Hemlock	104.78	0.98	23.6	128	No	T2	10/13/2013
H028	16.1	Hemlock	105.88	0.98	23.6	128	No	T2	10/13/2013
H028	16.2	Hemlock	105.98	0.98	23.6	128	No	T2	10/13/2013
H028	16.1	Hemlock	106.38	0.98	23.6	128	No	T2	10/13/2013
H028	16.1	Hemlock	106.48	0.98	23.6	128	No	T2	10/13/2013
H028	16.1	Hemlock	106.68	0.98	23.6	128	No	T2	10/13/2013
E079	16.1	Easton	101.99	0.99	29.3	133	No	T1	10/14/2013
E079	16.1	Easton	102.09	0.99	29.3	133	No	T1	10/14/2013

E079	16.1	Easton	103.49	0.99	29.3	133	No	T1	10/14/2013
E079	16.1	Easton	103.59	0.99	29.3	133	No	T1	10/14/2013
E079	16.3	Easton	103.69	0.99	29.3	133	No	T1	10/14/2013
E079	16.3	Easton	104.09	0.99	29.3	133	No	T1	10/14/2013
H029	16.1	Hemlock	94.11	0.92	22.8	126	No	T4	10/14/2013
H029	16.1	Hemlock	95.51	0.92	22.8	126	No	T4	10/14/2013
H029	16.6	Hemlock	97.68	0.92	22.8	126	No	T4	10/14/2013
H029	16.5	Hemlock	95.61	0.93	22.8	126	No	T4	10/14/2013
H029	16.1	Hemlock	97.81	0.93	22.8	126	No	T4	10/14/2013
H029	16.6	Hemlock	97.85	0.93	22.8	126	No	T4	10/14/2013
H129	16.1	Hemlock	94.89	0.93	20.5	126	No	T3	10/14/2013
H129	16.6	Hemlock	97.66	0.93	20.5	126	No	T3	10/14/2013
H129	16.1	Hemlock	95.19	0.94	20.5	126	No	T3	10/14/2013
H129	16.3	Hemlock	97.09	0.94	20.5	126	No	T3	10/14/2013
H129	16.5	Hemlock	97.49	0.94	20.5	126	No	T3	10/14/2013
H129	16.3	Hemlock	97.79	0.94	20.5	126	No	T3	10/14/2013
A130	17.7	Amos	106.75	0.97	30.8	137	Yes	T3	10/15/2013
A130	17.1	Amos	107.70	0.98	30.8	137	Yes	T3	10/15/2013
A130	17.2	Amos	108.20	0.98	30.8	137	Yes	T3	10/15/2013
A130	17.1	Amos	108.80	0.98	30.8	137	Yes	T3	10/15/2013
A130	17.1	Amos	108.90	0.98	30.8	137	Yes	T3	10/15/2013
A130	17.1	Amos	109.10	0.98	30.8	137	Yes	T3	10/15/2013
E080	17.1	Easton	140.27	0.99	31.4	140	No	T2	10/15/2013
E080	17.3	Easton	143.37	0.99	31.4	140	No	T2	10/15/2013
E080	17.1	Easton	144.37	0.99	31.4	140	No	T2	10/15/2013
E080	17.3	Easton	145.77	0.99	31.4	140	No	T2	10/15/2013
E080	17.2	Easton	144.77	1.00	31.4	140	No	T2	10/15/2013
E080	17.5	Easton	145.95	1.00	31.4	140	No	T2	10/15/2013
G180	17.1	Gardner	113.80	0.99	24.8	130	Yes	T1	10/15/2013
G180	17.1	Gardner	115.90	0.99	24.8	130	Yes	T1	10/15/2013
G180	17.3	Gardner	116.70	0.99	24.8	130	Yes	T1	10/15/2013
G180	17.6	Gardner	118.07	0.99	24.8	130	Yes	T1	10/15/2013
G180	17.6	Gardner	118.63	0.99	24.8	130	Yes	T1	10/15/2013
G180	17.3	Gardner	118.70	0.99	24.8	130	Yes	T1	10/15/2013
H030	17.6	Hemlock	103.21	0.95	22.8	126	No	T4	10/15/2013
H030	17.2	Hemlock	103.40	0.95	22.8	126	No	T4	10/15/2013
H030	17.5	Hemlock	103.88	0.95	22.8	126	No	T4	10/15/2013
H030	17.7	Hemlock	106.24	0.95	22.8	126	No	T4	10/15/2013
H030	17.1	Hemlock	107.90	0.95	22.8	126	No	T4	10/15/2013
H030	17.1	Hemlock	107.90	0.95	22.8	126	No	T4	10/15/2013
A132	17.7	Amos	132.86	0.99	23.9	126	Yes	T2	10/17/2013

A132	17.7	Amos	134.30	0.99	23.9	126	Yes	T2	10/17/2013
A132	17.6	Amos	136.91	0.99	23.9	126	Yes	T2	10/17/2013
A132	17.9	Amos	139.37	0.99	23.9	126	Yes	T2	10/17/2013
A132	18.6	Amos	144.64	0.99	23.9	126	Yes	T2	10/17/2013
A132	18.1	Amos	145.60	0.99	23.9	126	Yes	T2	10/17/2013
E082	17.6	Easton	144.96	0.99	18	117	No	T1	10/17/2013
E082	17.7	Easton	144.96	0.99	18	117	No	T1	10/17/2013
E082	17.9	Easton	154.89	0.99	18	117	No	T1	10/17/2013
E082	18	Easton	160.14	0.99	18	117	No	T1	10/17/2013
E082	18.2	Easton	164.62	0.99	18	117	No	T1	10/17/2013
E082	18.1	Easton	166.18	0.99	18	117	No	T1	10/17/2013
G182	17.7	Gardner	125.82	0.96	23	128	Yes	T4	10/17/2013
G182	17.7	Gardner	125.99	0.96	23	128	Yes	T4	10/17/2013
G182	18	Gardner	130.99	0.97	23	128	Yes	T4	10/17/2013
G182	18.6	Gardner	133.35	0.97	23	128	Yes	T4	10/17/2013
G182	18.1	Gardner	134.16	0.97	23	128	Yes	T4	10/17/2013
G182	18.1	Gardner	136.16	0.97	23	128	Yes	T4	10/17/2013
H032	17.7	Hemlock	82.68	0.96	24.8	127	No	T3	10/17/2013
H032	17.7	Hemlock	85.32	0.96	24.8	127	No	T3	10/17/2013
H032	17.6	Hemlock	86.56	0.97	24.8	127	No	T3	10/17/2013
H032	17.9	Hemlock	88.74	0.97	24.8	127	No	T3	10/17/2013
H032	18	Hemlock	90.76	0.97	24.8	127	No	T3	10/17/2013
H032	18.1	Hemlock	92.15	0.97	24.8	127	No	T3	10/17/2013
A083	15.5	Amos	93.55	0.99	30.7	139	Yes	T1	10/18/2013
A083	15.5	Amos	95.45	0.99	30.7	139	Yes	T1	10/18/2013
A083	15.5	Amos	96.25	0.99	30.7	139	Yes	T1	10/18/2013
A083	15.7	Amos	97.25	0.99	30.7	139	Yes	T1	10/18/2013
A083	15.6	Amos	98.05	0.99	30.7	139	Yes	T1	10/18/2013
A083	15.6	Amos	98.25	0.99	30.7	139	Yes	T1	10/18/2013
A133	15.5	Amos	89.24	0.95	33.7	143	Yes	T3	10/18/2013
A133	15.5	Amos	91.44	0.95	33.7	143	Yes	T3	10/18/2013
A133	15.5	Amos	93.44	0.95	33.7	143	Yes	T3	10/18/2013
A133	15.6	Amos	94.04	0.95	33.7	143	Yes	T3	10/18/2013
A133	15.5	Amos	95.04	0.95	33.7	143	Yes	T3	10/18/2013
A133	15.8	Amos	94.84	0.96	33.7	143	Yes	T3	10/18/2013
G183	15.5	Gardner	87.09	0.96	42.4	154	Yes	T4	10/18/2013
G183	15.5	Gardner	87.39	0.96	42.4	154	Yes	T4	10/18/2013
G183	15.6	Gardner	90.69	0.96	42.4	154	Yes	T4	10/18/2013
G183	15.5	Gardner	91.29	0.96	42.4	154	Yes	T4	10/18/2013
G183	15.8	Gardner	92.19	0.96	42.4	154	Yes	T4	10/18/2013
G183	15.7	Gardner	92.49	0.96	42.4	154	Yes	T4	10/18/2013

H033	15.5	Hemlock	87.92	0.98	23.4	127	No	T2	10/18/2013
H033	15.5	Hemlock	90.82	0.98	23.4	127	No	T2	10/18/2013
H033	15.7	Hemlock	91.42	0.98	23.4	127	No	T2	10/18/2013
H033	15.5	Hemlock	92.12	0.98	23.4	127	No	T2	10/18/2013
H033	15.8	Hemlock	93.12	0.98	23.4	127	No	T2	10/18/2013
H033	15.9	Hemlock	94.02	0.98	23.4	127	No	T2	10/18/2013
A034	15.8	Amos	84.02	0.95	38.2	148	Yes	T3	10/19/2013
A034	15.5	Amos	84.32	0.95	38.2	148	Yes	T3	10/19/2013
A034	15.6	Amos	84.62	0.95	38.2	148	Yes	T3	10/19/2013
A034	15.5	Amos	85.22	0.95	38.2	148	Yes	T3	10/19/2013
A034	15.7	Amos	85.92	0.95	38.2	148	Yes	T3	10/19/2013
A034	15.5	Amos	85.52	0.96	38.2	148	Yes	T3	10/19/2013
A134	15.5	Amos	90.47	0.99	41	148	Yes	T2	10/19/2013
A134	15.8	Amos	91.67	0.99	41	148	Yes	T2	10/19/2013
A134	15.7	Amos	93.97	0.99	41	148	Yes	T2	10/19/2013
A134	15.5	Amos	95.57	0.99	41	148	Yes	T2	10/19/2013
A134	16.3	Amos	95.87	0.99	41	148	Yes	T2	10/19/2013
A134	15.5	Amos	96.37	0.99	41	148	Yes	T2	10/19/2013
E084	15.5	Easton	91.49	0.99	33.4	143	No	T1	10/19/2013
E084	15.8	Easton	92.79	0.99	33.4	143	No	T1	10/19/2013
E084	15.5	Easton	93.19	0.99	33.4	143	No	T1	10/19/2013
E084	15.7	Easton	93.49	0.99	33.4	143	No	T1	10/19/2013
E084	15.5	Easton	94.69	0.99	33.4	143	No	T1	10/19/2013
E084	16.3	Easton	95.39	0.99	33.4	143	No	T1	10/19/2013
G184	16.3	Gardner	72.20	0.95	46.7	160	Yes	T4	10/19/2013
G184	15.5	Gardner	72.90	0.95	46.7	160	Yes	T4	10/19/2013
G184	15.7	Gardner	73.40	0.95	46.7	160	Yes	T4	10/19/2013
G184	16.3	Gardner	74.00	0.95	46.7	160	Yes	T4	10/19/2013
G184	15.8	Gardner	71.40	0.96	46.7	160	Yes	T4	10/19/2013
G184	15.5	Gardner	72.70	0.96	46.7	160	Yes	T4	10/19/2013
A135	14.5	Amos	74.25	0.96	31.7	140	Yes	T1	10/20/2013
A135	14.5	Amos	74.75	0.96	31.7	140	Yes	T1	10/20/2013
A135	14.5	Amos	75.45	0.96	31.7	140	Yes	T1	10/20/2013
A135	14.5	Amos	76.35	0.96	31.7	140	Yes	T1	10/20/2013
A135	14.7	Amos	77.05	0.96	31.7	140	Yes	T1	10/20/2013
A135	14.7	Amos	78.05	0.96	31.7	140	Yes	T1	10/20/2013
H035	14.5	Hemlock	72.45	0.94	28.6	131	No	T2	10/20/2013
H035	14.5	Hemlock	72.95	0.94	28.6	131	No	T2	10/20/2013
H035	14.5	Hemlock	73.45	0.94	28.6	131	No	T2	10/20/2013
H035	14.8	Hemlock	74.65	0.94	28.6	131	No	T2	10/20/2013
H035	14.6	Hemlock	74.75	0.94	28.6	131	No	T2	10/20/2013

H035	14.8	Hemlock	74.95	0.95	28.6	131	No	T2	10/20/2013
A136	14.5	Amos	82.04	0.96	37.1	149	Yes	T3	10/21/2013
A136	14.6	Amos	82.54	0.96	37.1	149	Yes	T3	10/21/2013
A136	14.6	Amos	83.84	0.96	37.1	149	Yes	T3	10/21/2013
A136	15	Amos	84.24	0.96	37.1	149	Yes	T3	10/21/2013
A136	14.8	Amos	85.14	0.96	37.1	149	Yes	T3	10/21/2013
A136	14.9	Amos	85.94	0.96	37.1	149	Yes	T3	10/21/2013
E086	14.5	Easton	75.53	0.95	34.8	153	No	T4	10/21/2013
E086	14.6	Easton	78.53	0.95	34.8	153	No	T4	10/21/2013
E086	14.8	Easton	78.83	0.95	34.8	153	No	T4	10/21/2013
E086	15	Easton	78.83	0.95	34.8	153	No	T4	10/21/2013
E086	14.6	Easton	80.73	0.96	34.8	153	No	T4	10/21/2013
E086	14.9	Easton	81.93	0.96	34.8	153	No	T4	10/21/2013
G186	14.5	Gardner	83.40	0.98	24.9	126	Yes	T2	10/21/2013
G186	14.6	Gardner	87.20	0.98	24.9	126	Yes	T2	10/21/2013
G186	14.9	Gardner	89.20	0.98	24.9	126	Yes	T2	10/21/2013
G186	15	Gardner	90.60	0.98	24.9	126	Yes	T2	10/21/2013
G186	14.7	Gardner	90.90	0.98	24.9	126	Yes	T2	10/21/2013
G186	14.7	Gardner	91.80	0.98	24.9	126	Yes	T2	10/21/2013
H036	14.5	Hemlock	87.04	0.99	24.3	130	No	T1	10/21/2013
H036	14.6	Hemlock	89.84	0.99	24.3	130	No	T1	10/21/2013
H036	14.6	Hemlock	90.54	0.99	24.3	130	No	T1	10/21/2013
H036	14.8	Hemlock	91.64	0.99	24.3	130	No	T1	10/21/2013
H036	14.7	Hemlock	92.24	0.99	24.3	130	No	T1	10/21/2013
H036	14.7	Hemlock	94.64	0.99	24.3	130	No	T1	10/21/2013
A137	14.5	Amos	85.67	0.98	27.2	132	Yes	T1	10/22/2013
A137	14.7	Amos	86.67	0.98	27.2	132	Yes	T1	10/22/2013
A137	14.5	Amos	87.27	0.98	27.2	132	Yes	T1	10/22/2013
A137	14.5	Amos	87.37	0.98	27.2	132	Yes	T1	10/22/2013
A137	14.5	Amos	87.57	0.98	27.2	132	Yes	T1	10/22/2013
A137	14.5	Amos	88.37	0.98	27.2	132	Yes	T1	10/22/2013
H037	14.5	Hemlock	85.31	0.97	27.8	132	No	T2	10/22/2013
H037	14.7	Hemlock	85.61	0.97	27.8	132	No	T2	10/22/2013
H037	15.3	Hemlock	86.51	0.97	27.8	132	No	T2	10/22/2013
H037	14.6	Hemlock	86.81	0.97	27.8	132	No	T2	10/22/2013
H037	14.5	Hemlock	87.21	0.97	27.8	132	No	T2	10/22/2013
H037	14.6	Hemlock	87.51	0.97	27.8	132	No	T2	10/22/2013
