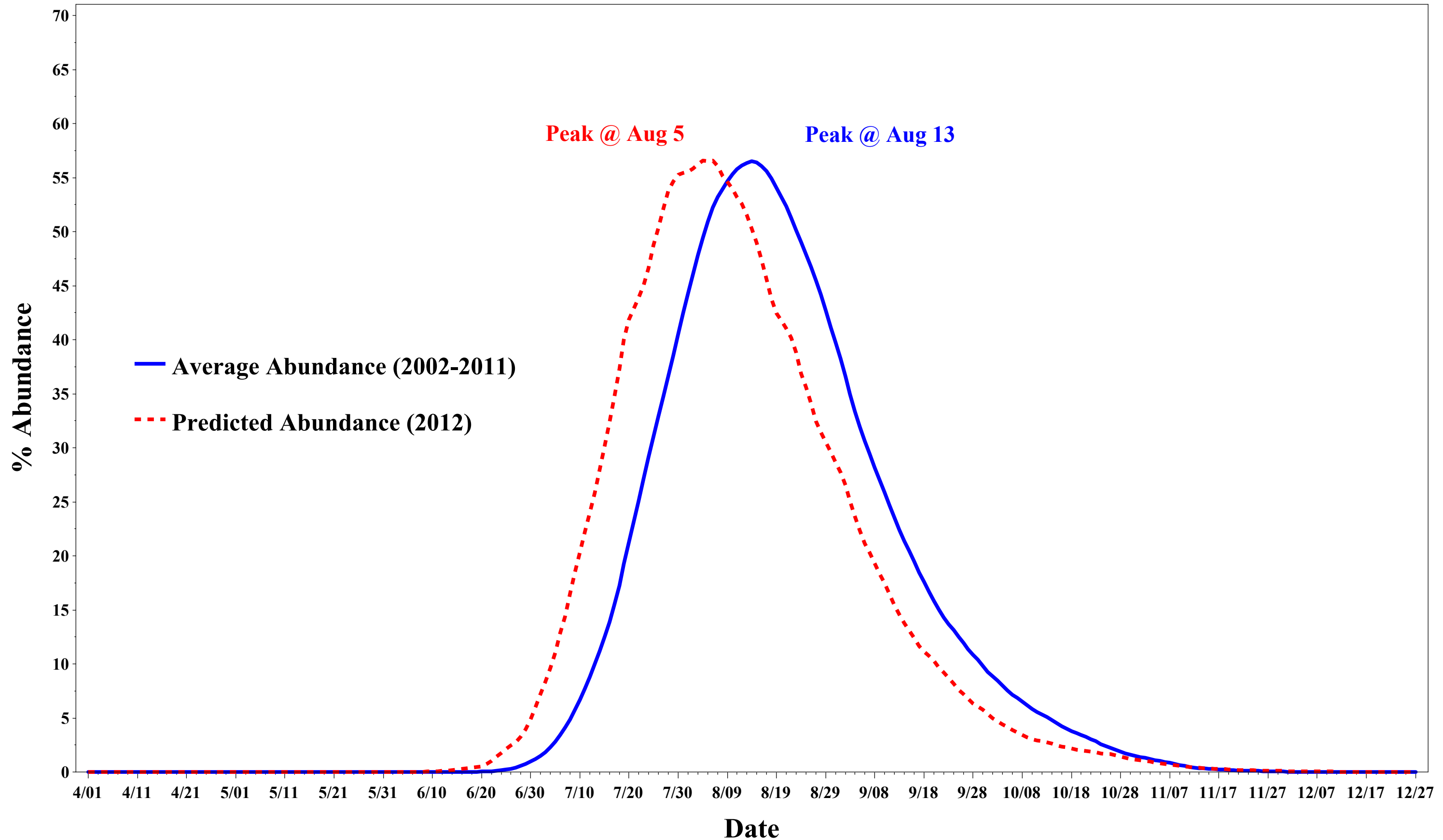


# Seasonal Abundance of Asian Longhorn Beetle - Farmingdale, NY 2012

(As of September 25, 2012)



[Assumption: Average adult ALB life span is estimated at 30d under natural field conditions]

**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
18993	01JAN	0.0	0.00	0.0000	0.0000	.	.
18994	02JAN	0.0	0.00	0.0000	0.0000	.	.
18995	03JAN	0.0	0.00	0.0000	0.0000	.	.
18996	04JAN	0.0	0.00	0.0000	0.0000	.	.
18997	05JAN	0.0	0.00	0.0000	0.0000	.	.
18998	06JAN	0.0	0.00	0.0000	0.0000	.	.
18999	07JAN	0.0	0.00	0.0000	0.0000	.	.
19000	08JAN	0.0	0.00	0.0000	0.0000	.	.
19001	09JAN	0.0	0.00	0.0000	0.0000	.	.
19002	10JAN	0.0	0.00	0.0000	0.0000	.	.
19003	11JAN	0.0	0.00	0.0000	0.0000	.	.
19004	12JAN	0.0	0.00	0.0000	0.0000	.	.
19005	13JAN	0.0	0.00	0.0000	0.0000	.	.
19006	14JAN	0.0	0.00	0.0000	0.0000	.	.
19007	15JAN	0.0	0.00	0.0000	0.0000	.	.
19008	16JAN	0.0	0.00	0.0000	0.0000	.	.
19009	17JAN	0.0	0.00	0.0000	0.0000	.	.
19010	18JAN	0.0	0.00	0.0000	0.0000	.	.
19011	19JAN	0.0	0.00	0.0000	0.0000	.	.
19012	20JAN	0.0	0.00	0.0000	0.0000	.	.
19013	21JAN	0.0	0.00	0.0000	0.0000	.	.
19014	22JAN	0.0	0.00	0.0000	0.0000	.	.
19015	23JAN	0.0	0.00	0.0000	0.0000	.	.
19016	24JAN	0.0	0.00	0.0000	0.0000	.	.
19017	25JAN	0.0	0.00	0.0000	0.0000	.	.
19018	26JAN	0.0	0.00	0.0000	0.0000	.	.
19019	27JAN	0.0	0.00	0.0000	0.0000	.	.
19020	28JAN	0.0	0.00	0.0000	0.0000	.	.

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**

**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19021	29JAN	0.0	0.00	0.0000	0.0000	.	.
19022	30JAN	0.0	0.00	0.0000	0.0000	.	.
19023	31JAN	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19024	01FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19025	02FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19026	03FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19027	04FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19028	05FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19029	06FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19030	07FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19031	08FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19032	09FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19033	10FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19034	11FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19035	12FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19036	13FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19037	14FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19038	15FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19039	16FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19040	17FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19041	18FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19042	19FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19043	20FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19044	21FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19045	22FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19046	23FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19047	24FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19048	25FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**

**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19049	26FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19050	27FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19051	28FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19053	01MAR	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19054	02MAR	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19055	03MAR	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19056	04MAR	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19057	05MAR	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19058	06MAR	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19059	07MAR	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19060	08MAR	0.0	2.80	0.0000	0.0000	0.0000	0.0000
19061	09MAR	0.0	2.80	0.0000	0.0000	0.0000	0.0000
19062	10MAR	0.0	2.80	0.0000	0.0000	0.0000	0.0000
19063	11MAR	0.0	2.80	0.0000	0.0000	0.0000	0.0000
19064	12MAR	0.0	3.90	0.0000	0.0000	0.0000	0.0000
19065	13MAR	0.0	5.00	0.0000	0.0000	0.0000	0.0000
19066	14MAR	0.0	5.00	0.0000	0.0000	0.0000	0.0000
19067	15MAR	0.0	5.00	0.0000	0.0000	0.0000	0.0000
19068	16MAR	0.0	5.00	0.0000	0.0000	0.0000	0.0000
19069	17MAR	0.0	5.00	0.0000	0.0000	0.0000	0.0000
19070	18MAR	0.0	8.90	0.0000	0.0000	0.0000	0.0000
19071	19MAR	0.0	11.10	0.0000	0.0000	0.0000	0.0000
19071	19MAR	0.0	18.90	0.0000	0.0000	0.0000	0.0000
19072	20MAR	0.0	24.50	0.0000	0.0000	0.0000	0.0000
19073	21MAR	0.0	32.30	0.0000	0.0000	0.0000	0.0000
19074	22MAR	0.0	41.70	0.0000	0.0000	0.0000	0.0000
19075	23MAR	0.0	50.00	0.0000	0.0000	0.0000	0.0000
19076	24MAR	0.0	52.20	0.0000	0.0000	0.0000	0.0000

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**

*Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012*

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19077	25MAR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19078	26MAR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19079	27MAR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19080	28MAR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19081	29MAR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19082	30MAR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19083	31MAR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19084	01APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19085	02APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19086	03APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19087	04APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19088	05APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19089	06APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19090	07APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19091	08APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19092	09APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19093	10APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19094	11APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19095	12APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19096	13APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19097	14APR	0.0	55.50	0.0000	0.0000	0.0000	0.0000
19098	15APR	0.0	61.60	0.0000	0.0000	0.0000	0.0000
19099	16APR	0.0	74.40	0.0000	0.0000	0.0000	0.0000
19100	17APR	0.0	82.70	0.0000	0.0000	0.0000	0.0000
19101	18APR	1.1	84.40	0.0000	0.0000	0.0000	0.0000
19102	19APR	3.2	87.70	0.0000	0.0000	0.0000	0.0000
19103	20APR	5.6	94.40	0.0000	0.0000	0.0000	0.0000
19104	21APR	5.8	102.20	0.0000	0.0000	0.0000	0.0000

*% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season*

*Assumption: Average adult ALB life span is estimated at 30d under natural field conditions*

**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19105	22APR	6.0	102.20	0.0000	0.0000	0.0000	0.0000
19106	23APR	6.0	102.80	0.0000	0.0000	0.0000	0.0000
19107	24APR	6.8	102.80	0.0000	0.0000	0.0000	0.0000
19108	25APR	7.4	102.80	0.0000	0.0000	0.0000	0.0000
19109	26APR	8.1	102.80	0.0000	0.0000	0.0000	0.0000
19110	27APR	9.0	102.80	0.0000	0.0000	0.0000	0.0000
19111	28APR	9.8	102.80	0.0000	0.0000	0.0000	0.0000
19112	29APR	10.7	102.80	0.0000	0.0000	0.0000	0.0000
19113	30APR	12.3	102.80	0.0000	0.0000	0.0000	0.0000
19114	01MAY	14.5	102.80	0.0000	0.0000	0.0000	0.0000
19115	02MAY	16.7	102.80	0.0000	0.0000	0.0000	0.0000
19116	03MAY	17.8	102.80	0.0000	0.0000	0.0000	0.0000
19117	04MAY	19.4	106.70	0.0000	0.0000	0.0000	0.0000
19118	05MAY	21.6	110.60	0.0000	0.0000	0.0000	0.0000
19119	06MAY	24.0	113.40	0.0000	0.0000	0.0000	0.0000
19120	07MAY	27.9	117.30	0.0000	0.0000	0.0000	0.0000
19121	08MAY	30.9	117.90	0.0000	0.0000	0.0000	0.0000
19122	09MAY	33.0	122.30	0.0000	0.0000	0.0000	0.0000
19123	10MAY	36.2	124.00	0.0000	0.0000	0.0000	0.0000
19124	11MAY	39.3	125.70	0.0000	0.0000	0.0000	0.0000
19125	12MAY	40.6	131.80	0.0000	0.0000	0.0000	0.0000
19126	13MAY	41.8	142.40	0.0000	0.0000	0.0000	0.0000
19127	14MAY	44.0	149.60	0.0000	0.0000	0.0000	0.0000
19128	15MAY	47.8	156.80	0.0000	0.0000	0.0000	0.0000
19129	16MAY	50.2	165.70	0.0000	0.0000	0.0000	0.0000
19130	17MAY	52.9	169.60	0.0000	0.0000	0.0000	0.0000
19131	18MAY	54.1	174.60	0.0000	0.0000	0.0000	0.0000
19132	19MAY	55.4	181.80	0.0000	0.0000	0.0000	0.0000

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**

**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19133	20MAY	60.1	192.40	0.0000	0.0000	0.0000	0.0000
19134	21MAY	64.2	198.00	0.0000	0.0000	0.0000	0.0000
19135	22MAY	66.8	203.60	0.0000	0.0000	0.0000	0.0000
19136	23MAY	69.9	212.50	0.0000	0.0001	0.0000	0.0001
19137	24MAY	74.9	221.90	0.0000	0.0001	0.0000	0.0001
19138	25MAY	80.7	230.80	0.0000	0.0002	0.0000	0.0002
19139	26MAY	85.8	244.10	0.0000	0.0004	0.0000	0.0004
19140	27MAY	92.5	256.90	0.0000	0.0007	0.0000	0.0007
19141	28MAY	99.0	268.00	0.0000	0.0012	0.0000	0.0012
19142	29MAY	105.8	281.30	0.0000	0.0021	0.0000	0.0021
19143	30MAY	114.7	291.30	0.0000	0.0033	0.0000	0.0033
19144	31MAY	122.3	301.90	0.0000	0.0050	0.0000	0.0050
19145	01JUN	129.7	308.60	0.0000	0.0065	0.0000	0.0065
19146	02JUN	136.8	311.90	0.0000	0.0074	0.0000	0.0074
19147	03JUN	142.6	316.90	0.0000	0.0089	0.0000	0.0089
19148	04JUN	148.3	316.90	0.0000	0.0089	0.0000	0.0089
19149	05JUN	155.1	318.60	0.0000	0.0095	0.0000	0.0095
19150	06JUN	161.2	321.90	0.0000	0.0108	0.0000	0.0108
19151	07JUN	168.6	326.90	0.0000	0.0129	0.0000	0.0129
19152	08JUN	177.9	335.20	0.0000	0.0173	0.0000	0.0173
19153	09JUN	187.1	343.00	0.0000	0.0225	0.0000	0.0225
19154	10JUN	195.3	353.60	0.0000	0.0319	0.0000	0.0319
19155	11JUN	203.3	361.90	0.0000	0.0415	0.0000	0.0415
19156	12JUN	210.6	369.70	0.0001	0.0527	0.0001	0.0527
19157	13JUN	217.8	378.00	0.0001	0.0675	0.0001	0.0675
19158	14JUN	224.5	386.30	0.0001	0.0857	0.0001	0.0857
19159	15JUN	230.7	394.10	0.0002	0.1064	0.0002	0.1064
19160	16JUN	237.6	400.80	0.0003	0.1275	0.0003	0.1275

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**

**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19161	17JUN	245.5	406.40	0.0004	0.1478	0.0004	0.1478
19162	18JUN	254.3	413.10	0.0006	0.1756	0.0006	0.1756
19163	19JUN	263.9	420.30	0.0010	0.2103	0.0010	0.2103
19164	20JUN	272.8	435.90	0.0015	0.3053	0.0015	0.3053
19165	21JUN	282.1	454.20	0.0022	0.4595	0.0022	0.4595
19166	22JUN	290.4	470.30	0.0032	0.6428	0.0032	0.6428
19167	23JUN	299.5	482.00	0.0046	0.8097	0.0046	0.8096
19168	24JUN	309.2	492.60	0.0067	0.9889	0.0067	0.9887
19169	25JUN	320.3	500.40	0.0101	1.1396	0.0101	1.1392
19170	26JUN	332.7	506.50	0.0158	1.2693	0.0158	1.2686
19171	27JUN	345.8	514.80	0.0247	1.4639	0.0247	1.4627
19172	28JUN	357.4	525.90	0.0361	1.7586	0.0361	1.7565
19173	29JUN	368.6	540.90	0.0510	2.2252	0.0510	2.2219
19174	30JUN	378.9	555.30	0.0693	2.7534	0.0693	2.7484
19175	01JUL	388.3	570.90	0.0906	3.4218	0.0906	3.4152
19176	02JUL	398.9	584.20	0.1212	4.0756	0.1212	4.0682
19177	03JUL	410.6	597.00	0.1648	4.7814	0.1648	4.7725
19178	04JUL	422.7	611.40	0.2230	5.6685	0.2230	5.6595
19179	05JUL	434.5	624.20	0.2956	6.5416	0.2956	6.5320
19180	06JUL	446.7	637.50	0.3900	7.5343	0.3900	7.5235
19181	07JUL	458.1	651.40	0.4994	8.6651	0.4994	8.6522
19182	08JUL	469.5	665.80	0.6325	9.9364	0.6325	9.9191
19183	09JUL	480.9	676.90	0.7927	10.9844	0.7927	10.9619
19184	10JUL	492.2	689.10	0.9816	12.2029	0.9816	12.1710
19185	11JUL	503.4	701.90	1.2020	13.5538	1.2020	13.5122
19186	12JUL	514.7	716.30	1.4614	15.1580	1.4614	15.1052
19187	13JUL	525.2	730.70	1.7388	16.8462	1.7387	16.7787
19188	14JUL	535.8	746.30	2.0574	18.7626	2.0572	18.6770

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**



**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19189	15JUL	547.8	761.30	2.4681	20.6830	2.4679	20.5766
19190	16JUL	560.0	776.90	2.9439	22.7517	2.9437	22.6242
19191	17JUL	573.3	794.70	3.5339	25.1885	3.5335	25.0407
19192	18JUL	587.4	811.90	4.2449	27.6067	4.2443	27.4311
19193	19JUL	600.1	824.70	4.9640	29.4384	4.9630	29.2281
19194	20JUL	612.4	831.90	5.7338	30.4784	5.7323	30.1730
19195	21JUL	624.8	841.30	6.5845	31.8444	6.5822	31.3849
19196	22JUL	637.7	853.00	7.5499	33.5549	7.5467	32.9120
19197	23JUL	649.4	866.30	8.4965	35.5080	8.4920	34.6983
19198	24JUL	660.5	880.20	9.4568	37.5531	9.4501	36.5642
19199	25JUL	671.5	891.30	10.4673	39.1848	10.4571	38.0453
19200	26JUL	683.3	904.60	11.6151	41.1338	11.5993	39.8644
19201	27JUL	695.9	916.80	12.9115	42.9115	12.8868	41.4476
19202	28JUL	707.2	929.60	14.1340	44.7623	14.0980	43.0037
19203	29JUL	720.0	938.50	15.5840	46.0385	15.5329	43.8133
19204	30JUL	733.1	949.10	17.1353	47.5452	17.0660	44.7918
19205	31JUL	745.4	959.10	18.6497	48.9516	18.5591	45.5299
19206	01AUG	758.3	970.80	20.2932	50.5768	20.1720	46.5013
19207	02AUG	771.4	985.20	22.0146	52.5439	21.8499	47.7625
19208	03AUG	785.1	1001.30	23.8650	54.6957	23.6420	49.0272
19209	04AUG	798.8	1018.00	25.7598	56.8704	25.4643	50.3288
19210	05AUG	811.3	1034.10	27.5215	58.9080	27.1314	51.3737
19211	06AUG	821.9	1045.80	29.0357	60.3507	28.5363	51.6856
19212	07AUG	832.7	1058.00	30.5943	61.8198	29.9618	51.8834
19213	08AUG	843.9	1070.80	32.2237	63.3217	31.4310	52.3373
19214	09AUG	855.1	1085.80	33.8628	65.0294	32.8812	52.8264
19215	10AUG	866.9	1099.10	35.5962	66.4955	34.3942	52.9417
19216	11AUG	878.8	1111.90	37.3471	67.8636	35.8857	52.7057

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**

**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19217	12AUG	890.4	1125.20	39.0527	69.2404	37.3138	52.3942
19218	13AUG	902.5	1137.40	40.8267	70.4633	38.7693	51.7007
19219	14AUG	914.4	1148.50	42.5627	71.5428	40.0946	50.8598
19220	15AUG	925.3	1160.20	44.1424	72.6466	41.1985	49.8949
19221	16AUG	936.7	1172.40	45.7812	73.7608	42.2473	48.5723
19222	17AUG	948.8	1185.20	47.5027	74.8898	43.2579	47.2831
19223	18AUG	960.8	1195.20	49.1892	75.7437	44.2252	46.3053
19224	19AUG	972.4	1204.10	50.7973	76.4832	45.0635	46.0049
19225	20AUG	983.5	1214.10	52.3137	77.2915	45.7292	45.4471
19226	21AUG	994.3	1225.20	53.7666	78.1610	46.2167	44.6061
19227	22AUG	1004.5	1236.30	55.1171	79.0018	46.6205	43.4939
19228	23AUG	1013.9	1249.10	56.3421	79.9367	46.8853	42.3836
19229	24AUG	1022.5	1262.40	57.4459	80.8695	46.9786	41.6847
19230	25AUG	1032.3	1274.10	58.6831	81.6585	47.0680	40.5247
19231	26AUG	1042.2	1284.70	59.9102	82.3483	46.9987	39.4368
19232	27AUG	1052.2	1296.40	61.1259	83.0827	46.9919	38.3204
19233	28AUG	1061.6	1309.20	62.2464	83.8548	46.6624	37.8163
19234	29AUG	1070.8	1317.50	63.3217	84.3384	46.1864	36.7932
19235	30AUG	1081.6	1326.40	64.5570	84.8423	45.9073	35.8907
19236	31AUG	1091.4	1339.20	65.6522	85.5412	45.3590	34.9644
19237	01SEP	1100.3	1351.40	66.6255	86.1799	44.6109	33.6360
19238	02SEP	1108.8	1360.80	67.5361	86.6542	43.6711	31.9585
19239	03SEP	1118.1	1369.70	68.5111	87.0894	42.7513	30.2190
19240	04SEP	1128.3	1379.10	69.5548	87.5348	42.0333	28.6268
19241	05SEP	1137.4	1391.90	70.4633	88.1184	41.4276	27.7677
19242	06SEP	1145.0	1403.00	71.2058	88.6038	40.6115	26.7840
19243	07SEP	1154.3	1415.80	72.0943	89.1405	39.8707	25.8187
19244	08SEP	1164.4	1426.40	73.0344	89.5669	39.1716	24.5375

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**

**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19245	09SEP	1173.3	1434.70	73.8415	89.8897	38.2453	23.3942
19246	10SEP	1180.2	1439.10	74.4536	90.0571	37.1065	22.1934
19247	11SEP	1186.2	1443.50	74.9763	90.2217	35.9236	20.9813
19248	12SEP	1192.5	1451.80	75.5155	90.5254	34.6889	20.0621
19249	13SEP	1200.8	1461.20	76.2113	90.8585	33.6485	19.3157
19250	14SEP	1209.6	1471.80	76.9307	91.2209	32.7883	18.5742
19251	15SEP	1217.2	1476.80	77.5372	91.3870	31.7560	17.6262
19252	16SEP	1223.1	1476.80	77.9987	91.3870	30.4959	16.4972
19253	17SEP	1229.5	1482.40	78.4901	91.5695	29.3009	15.8258
19254	18SEP	1235.4	1489.60	78.9347	91.7987	28.1375	15.3155
19255	19SEP	1240.8	1495.20	79.3347	91.9729	27.0210	14.6814
19256	20SEP	1246.5	1498.00	79.7498	92.0586	25.9832	13.8977
19257	21SEP	1253.8	1501.30	80.2708	92.1586	25.1537	13.1567
19258	22SEP	1262.4	1508.00	80.8695	92.3578	24.5274	12.4211
19259	23SEP	1270.5	1511.30	81.4188	92.4541	23.9730	11.5846
19260	24SEP	1278.2	1513.00	81.9281	92.5033	23.2449	10.8449
19261	25SEP	1284.8	1516.30	82.3546	92.5979	22.4444	10.2496
19262	26SEP	1291.4	1524.88	82.7723	92.8385	21.6464	9.7557
19263	27SEP	1298.2	1533.66	83.1933	93.0768	20.9469	9.2220
19264	28SEP	1305.3	1542.74	83.6230	93.3153	20.3013	8.9769
19265	29SEP	1310.3	1549.72	83.9197	93.4933	19.3627	8.6509
19266	30SEP	1313.9	1555.30	84.1303	93.6322	18.4781	8.0910
19267	01OCT	1317.5	1560.88	84.3384	93.7683	17.7128	7.5884
19268	02OCT	1320.9	1566.26	84.5327	93.8968	16.9965	7.2426
19269	03OCT	1324.1	1571.44	84.7135	94.0182	16.2024	6.9288
19270	04OCT	1328.0	1577.32	84.9313	94.1531	15.3765	6.6183
19271	05OCT	1331.2	1582.50	85.1079	94.2695	14.6446	6.1511
19272	06OCT	1333.1	1586.38	85.2119	94.3552	14.0061	5.7514

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**

**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19273	07OCT	1336.1	1591.36	85.3747	94.4634	13.2804	5.3229
19274	08OCT	1340.3	1597.54	85.5999	94.5948	12.5655	5.0279
19275	09OCT	1344.5	1603.72	85.8219	94.7233	11.9804	4.8335
19276	10OCT	1347.6	1608.80	85.9838	94.8266	11.5302	4.7696
19277	11OCT	1349.9	1613.08	86.1028	94.9122	11.1265	4.6904
19278	12OCT	1351.1	1616.26	86.1645	94.9748	10.6489	4.4494
19279	13OCT	1352.2	1619.34	86.2208	95.0348	10.0096	4.1763
19280	14OCT	1352.7	1621.82	86.2464	95.0826	9.3157	3.8617
19281	15OCT	1352.7	1623.00	86.2464	95.1052	8.7092	3.7182
19282	16OCT	1352.7	1624.68	86.2464	95.1371	8.2477	3.7501
19283	17OCT	1352.7	1625.76	86.2464	95.1576	7.7563	3.5881
19284	18OCT	1352.7	1627.04	86.2464	95.1817	7.3117	3.3830
19285	19OCT	1352.7	1628.22	86.2464	95.2038	6.9117	3.2309
19286	20OCT	1352.7	1629.60	86.2464	95.2296	6.4966	3.1710
19287	21OCT	1352.7	1630.88	86.2464	95.2534	5.9756	3.0948
19288	22OCT	1352.7	1630.88	86.2464	95.2534	5.3768	2.8956
19289	23OCT	1352.7	1630.88	86.2464	95.2534	4.8276	2.7992
19290	24OCT	1352.7	1630.88	86.2464	95.2534	4.3183	2.7501
19291	25OCT	1352.7	1630.88	86.2464	95.2534	3.8917	2.6555
19292	26OCT	1352.7	1631.86	86.2464	95.2715	3.4741	2.4330
19293	27OCT	1352.7	1633.24	86.2464	95.2969	3.0531	2.2201
19294	28OCT	1352.7	1633.24	86.2464	95.2969	2.6234	1.9816
19295	29OCT	1352.7	1633.24	86.2464	95.2969	2.3267	1.8036
19296	30OCT	1352.7	1633.24	86.2464	95.2969	2.1161	1.6647
19297	31OCT	1352.7	1634.42	86.2464	95.3185	1.9080	1.5502
19298	01NOV	1352.7	1635.20	86.2464	95.3328	1.7137	1.4359
19299	02NOV	1352.7	1635.20	86.2464	95.3328	1.5329	1.3146
19300	03NOV	1352.7	1635.20	86.2464	95.3328	1.3151	1.1797

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**

**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19301	04NOV	1352.7	1635.20	86.2464	95.3328	1.1385	1.0633
19302	05NOV	1352.7	1635.20	86.2464	95.3328	1.0345	0.9776
19303	06NOV	1352.7	1635.20	86.2464	95.3328	0.8717	0.8694
19304	07NOV	1352.7	1635.20	86.2464	95.3328	0.6465	0.7379
19305	08NOV	1352.7	1635.20	86.2464	95.3328	0.4245	0.6095
19306	09NOV	1352.7	1635.20	86.2464	95.3328	0.2626	0.5062
19307	10NOV	1352.7	1635.20	86.2464	95.3328	0.1436	0.4206
19308	11NOV	1352.7	1635.20	86.2464	95.3328	0.0819	0.3579
19309	12NOV	1352.7	1635.20	86.2464	95.3328	0.0255	0.2980
19310	13NOV	1352.7	1635.20	86.2464	95.3328	0.0000	0.2502
19311	14NOV	1352.7	1635.20	86.2464	95.3328	0.0000	0.2276
19312	15NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.2207
19313	16NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.2003
19314	17NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.1761
19315	18NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.1540
19316	19NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.1282
19317	20NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.1045
19318	21NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.1045
19319	22NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.1045
19320	23NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.1045
19321	24NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.1045
19322	25NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.0864
19323	26NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.0609
19324	27NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.0609
19325	28NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.0609
19326	29NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.0609
19327	30NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.0393
19328	01DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**

**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19329	02DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19330	03DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19331	04DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19332	05DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19333	06DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19334	07DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19335	08DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19336	09DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19337	10DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19338	11DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19339	12DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19340	13DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19341	14DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19342	15DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19343	16DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19344	17DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19345	18DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19346	19DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19347	20DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19348	21DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19349	22DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19350	23DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19351	24DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19352	25DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19353	26DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19354	27DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19355	28DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19356	29DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**

**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19357	30DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19358	31DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**



**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
18993	01JAN	0.0	0.00	0.0000	0.0000	.	.
18994	02JAN	0.0	0.00	0.0000	0.0000	.	.
18995	03JAN	0.0	0.00	0.0000	0.0000	.	.
18996	04JAN	0.0	0.00	0.0000	0.0000	.	.
18997	05JAN	0.0	0.00	0.0000	0.0000	.	.
18998	06JAN	0.0	0.00	0.0000	0.0000	.	.
18999	07JAN	0.0	0.00	0.0000	0.0000	.	.
19000	08JAN	0.0	0.00	0.0000	0.0000	.	.
19001	09JAN	0.0	0.00	0.0000	0.0000	.	.
19002	10JAN	0.0	0.00	0.0000	0.0000	.	.
19003	11JAN	0.0	0.00	0.0000	0.0000	.	.
19004	12JAN	0.0	0.00	0.0000	0.0000	.	.
19005	13JAN	0.0	0.00	0.0000	0.0000	.	.
19006	14JAN	0.0	0.00	0.0000	0.0000	.	.
19007	15JAN	0.0	0.00	0.0000	0.0000	.	.
19008	16JAN	0.0	0.00	0.0000	0.0000	.	.
19009	17JAN	0.0	0.00	0.0000	0.0000	.	.
19010	18JAN	0.0	0.00	0.0000	0.0000	.	.
19011	19JAN	0.0	0.00	0.0000	0.0000	.	.
19012	20JAN	0.0	0.00	0.0000	0.0000	.	.
19013	21JAN	0.0	0.00	0.0000	0.0000	.	.
19014	22JAN	0.0	0.00	0.0000	0.0000	.	.
19015	23JAN	0.0	0.00	0.0000	0.0000	.	.
19016	24JAN	0.0	0.00	0.0000	0.0000	.	.
19017	25JAN	0.0	0.00	0.0000	0.0000	.	.
19018	26JAN	0.0	0.00	0.0000	0.0000	.	.
19019	27JAN	0.0	0.00	0.0000	0.0000	.	.
19020	28JAN	0.0	0.00	0.0000	0.0000	.	.

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**



**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19021	29JAN	0.0	0.00	0.0000	0.0000	.	.
19022	30JAN	0.0	0.00	0.0000	0.0000	.	.
19023	31JAN	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19024	01FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19025	02FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19026	03FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19027	04FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19028	05FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19029	06FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19030	07FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19031	08FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19032	09FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19033	10FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19034	11FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19035	12FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19036	13FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19037	14FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19038	15FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19039	16FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19040	17FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19041	18FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19042	19FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19043	20FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19044	21FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19045	22FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19046	23FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19047	24FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19048	25FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**

**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19049	26FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19050	27FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19051	28FEB	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19053	01MAR	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19054	02MAR	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19055	03MAR	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19056	04MAR	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19057	05MAR	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19058	06MAR	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19059	07MAR	0.0	0.00	0.0000	0.0000	0.0000	0.0000
19060	08MAR	0.0	2.80	0.0000	0.0000	0.0000	0.0000
19061	09MAR	0.0	2.80	0.0000	0.0000	0.0000	0.0000
19062	10MAR	0.0	2.80	0.0000	0.0000	0.0000	0.0000
19063	11MAR	0.0	2.80	0.0000	0.0000	0.0000	0.0000
19064	12MAR	0.0	3.90	0.0000	0.0000	0.0000	0.0000
19065	13MAR	0.0	5.00	0.0000	0.0000	0.0000	0.0000
19066	14MAR	0.0	5.00	0.0000	0.0000	0.0000	0.0000
19067	15MAR	0.0	5.00	0.0000	0.0000	0.0000	0.0000
19068	16MAR	0.0	5.00	0.0000	0.0000	0.0000	0.0000
19069	17MAR	0.0	5.00	0.0000	0.0000	0.0000	0.0000
19070	18MAR	0.0	8.90	0.0000	0.0000	0.0000	0.0000
19071	19MAR	0.0	11.10	0.0000	0.0000	0.0000	0.0000
19071	19MAR	0.0	18.90	0.0000	0.0000	0.0000	0.0000
19072	20MAR	0.0	24.50	0.0000	0.0000	0.0000	0.0000
19073	21MAR	0.0	32.30	0.0000	0.0000	0.0000	0.0000
19074	22MAR	0.0	41.70	0.0000	0.0000	0.0000	0.0000
19075	23MAR	0.0	50.00	0.0000	0.0000	0.0000	0.0000
19076	24MAR	0.0	52.20	0.0000	0.0000	0.0000	0.0000

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**

*Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012*

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19077	25MAR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19078	26MAR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19079	27MAR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19080	28MAR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19081	29MAR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19082	30MAR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19083	31MAR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19084	01APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19085	02APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19086	03APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19087	04APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19088	05APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19089	06APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19090	07APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19091	08APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19092	09APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19093	10APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19094	11APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19095	12APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19096	13APR	0.0	52.20	0.0000	0.0000	0.0000	0.0000
19097	14APR	0.0	55.50	0.0000	0.0000	0.0000	0.0000
19098	15APR	0.0	61.60	0.0000	0.0000	0.0000	0.0000
19099	16APR	0.0	74.40	0.0000	0.0000	0.0000	0.0000
19100	17APR	0.0	82.70	0.0000	0.0000	0.0000	0.0000
19101	18APR	1.1	84.40	0.0000	0.0000	0.0000	0.0000
19102	19APR	3.2	87.70	0.0000	0.0000	0.0000	0.0000
19103	20APR	5.6	94.40	0.0000	0.0000	0.0000	0.0000
19104	21APR	5.8	102.20	0.0000	0.0000	0.0000	0.0000

*% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season*

*Assumption: Average adult ALB life span is estimated at 30d under natural field conditions*

**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19105	22APR	6.0	102.20	0.0000	0.0000	0.0000	0.0000
19106	23APR	6.0	102.80	0.0000	0.0000	0.0000	0.0000
19107	24APR	6.8	102.80	0.0000	0.0000	0.0000	0.0000
19108	25APR	7.4	102.80	0.0000	0.0000	0.0000	0.0000
19109	26APR	8.1	102.80	0.0000	0.0000	0.0000	0.0000
19110	27APR	9.0	102.80	0.0000	0.0000	0.0000	0.0000
19111	28APR	9.8	102.80	0.0000	0.0000	0.0000	0.0000
19112	29APR	10.7	102.80	0.0000	0.0000	0.0000	0.0000
19113	30APR	12.3	102.80	0.0000	0.0000	0.0000	0.0000
19114	01MAY	14.5	102.80	0.0000	0.0000	0.0000	0.0000
19115	02MAY	16.7	102.80	0.0000	0.0000	0.0000	0.0000
19116	03MAY	17.8	102.80	0.0000	0.0000	0.0000	0.0000
19117	04MAY	19.4	106.70	0.0000	0.0000	0.0000	0.0000
19118	05MAY	21.6	110.60	0.0000	0.0000	0.0000	0.0000
19119	06MAY	24.0	113.40	0.0000	0.0000	0.0000	0.0000
19120	07MAY	27.9	117.30	0.0000	0.0000	0.0000	0.0000
19121	08MAY	30.9	117.90	0.0000	0.0000	0.0000	0.0000
19122	09MAY	33.0	122.30	0.0000	0.0000	0.0000	0.0000
19123	10MAY	36.2	124.00	0.0000	0.0000	0.0000	0.0000
19124	11MAY	39.3	125.70	0.0000	0.0000	0.0000	0.0000
19125	12MAY	40.6	131.80	0.0000	0.0000	0.0000	0.0000
19126	13MAY	41.8	142.40	0.0000	0.0000	0.0000	0.0000
19127	14MAY	44.0	149.60	0.0000	0.0000	0.0000	0.0000
19128	15MAY	47.8	156.80	0.0000	0.0000	0.0000	0.0000
19129	16MAY	50.2	165.70	0.0000	0.0000	0.0000	0.0000
19130	17MAY	52.9	169.60	0.0000	0.0000	0.0000	0.0000
19131	18MAY	54.1	174.60	0.0000	0.0000	0.0000	0.0000
19132	19MAY	55.4	181.80	0.0000	0.0000	0.0000	0.0000

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**

**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19133	20MAY	60.1	192.40	0.0000	0.0000	0.0000	0.0000
19134	21MAY	64.2	198.00	0.0000	0.0000	0.0000	0.0000
19135	22MAY	66.8	203.60	0.0000	0.0000	0.0000	0.0000
19136	23MAY	69.9	212.50	0.0000	0.0001	0.0000	0.0001
19137	24MAY	74.9	221.90	0.0000	0.0001	0.0000	0.0001
19138	25MAY	80.7	230.80	0.0000	0.0002	0.0000	0.0002
19139	26MAY	85.8	244.10	0.0000	0.0004	0.0000	0.0004
19140	27MAY	92.5	256.90	0.0000	0.0007	0.0000	0.0007
19141	28MAY	99.0	268.00	0.0000	0.0012	0.0000	0.0012
19142	29MAY	105.8	281.30	0.0000	0.0021	0.0000	0.0021
19143	30MAY	114.7	291.30	0.0000	0.0033	0.0000	0.0033
19144	31MAY	122.3	301.90	0.0000	0.0050	0.0000	0.0050
19145	01JUN	129.7	308.60	0.0000	0.0065	0.0000	0.0065
19146	02JUN	136.8	311.90	0.0000	0.0074	0.0000	0.0074
19147	03JUN	142.6	316.90	0.0000	0.0089	0.0000	0.0089
19148	04JUN	148.3	316.90	0.0000	0.0089	0.0000	0.0089
19149	05JUN	155.1	318.60	0.0000	0.0095	0.0000	0.0095
19150	06JUN	161.2	321.90	0.0000	0.0108	0.0000	0.0108
19151	07JUN	168.6	326.90	0.0000	0.0129	0.0000	0.0129
19152	08JUN	177.9	335.20	0.0000	0.0173	0.0000	0.0173
19153	09JUN	187.1	343.00	0.0000	0.0225	0.0000	0.0225
19154	10JUN	195.3	353.60	0.0000	0.0319	0.0000	0.0319
19155	11JUN	203.3	361.90	0.0000	0.0415	0.0000	0.0415
19156	12JUN	210.6	369.70	0.0001	0.0527	0.0001	0.0527
19157	13JUN	217.8	378.00	0.0001	0.0675	0.0001	0.0675
19158	14JUN	224.5	386.30	0.0001	0.0857	0.0001	0.0857
19159	15JUN	230.7	394.10	0.0002	0.1064	0.0002	0.1064
19160	16JUN	237.6	400.80	0.0003	0.1275	0.0003	0.1275

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

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**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19161	17JUN	245.5	406.40	0.0004	0.1478	0.0004	0.1478
19162	18JUN	254.3	413.10	0.0006	0.1756	0.0006	0.1756
19163	19JUN	263.9	420.30	0.0010	0.2103	0.0010	0.2103
19164	20JUN	272.8	435.90	0.0015	0.3053	0.0015	0.3053
19165	21JUN	282.1	454.20	0.0022	0.4595	0.0022	0.4595
19166	22JUN	290.4	470.30	0.0032	0.6428	0.0032	0.6428
19167	23JUN	299.5	482.00	0.0046	0.8097	0.0046	0.8096
19168	24JUN	309.2	492.60	0.0067	0.9889	0.0067	0.9887
19169	25JUN	320.3	500.40	0.0101	1.1396	0.0101	1.1392
19170	26JUN	332.7	506.50	0.0158	1.2693	0.0158	1.2686
19171	27JUN	345.8	514.80	0.0247	1.4639	0.0247	1.4627
19172	28JUN	357.4	525.90	0.0361	1.7586	0.0361	1.7565
19173	29JUN	368.6	540.90	0.0510	2.2252	0.0510	2.2219
19174	30JUN	378.9	555.30	0.0693	2.7534	0.0693	2.7484
19175	01JUL	388.3	570.90	0.0906	3.4218	0.0906	3.4152
19176	02JUL	398.9	584.20	0.1212	4.0756	0.1212	4.0682
19177	03JUL	410.6	597.00	0.1648	4.7814	0.1648	4.7725
19178	04JUL	422.7	611.40	0.2230	5.6685	0.2230	5.6595
19179	05JUL	434.5	624.20	0.2956	6.5416	0.2956	6.5320
19180	06JUL	446.7	637.50	0.3900	7.5343	0.3900	7.5235
19181	07JUL	458.1	651.40	0.4994	8.6651	0.4994	8.6522
19182	08JUL	469.5	665.80	0.6325	9.9364	0.6325	9.9191
19183	09JUL	480.9	676.90	0.7927	10.9844	0.7927	10.9619
19184	10JUL	492.2	689.10	0.9816	12.2029	0.9816	12.1710
19185	11JUL	503.4	701.90	1.2020	13.5538	1.2020	13.5122
19186	12JUL	514.7	716.30	1.4614	15.1580	1.4614	15.1052
19187	13JUL	525.2	730.70	1.7388	16.8462	1.7387	16.7787
19188	14JUL	535.8	746.30	2.0574	18.7626	2.0572	18.6770

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

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**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19189	15JUL	547.8	761.30	2.4681	20.6830	2.4679	20.5766
19190	16JUL	560.0	776.90	2.9439	22.7517	2.9437	22.6242
19191	17JUL	573.3	794.70	3.5339	25.1885	3.5335	25.0407
19192	18JUL	587.4	811.90	4.2449	27.6067	4.2443	27.4311
19193	19JUL	600.1	824.70	4.9640	29.4384	4.9630	29.2281
19194	20JUL	612.4	831.90	5.7338	30.4784	5.7323	30.1730
19195	21JUL	624.8	841.30	6.5845	31.8444	6.5822	31.3849
19196	22JUL	637.7	853.00	7.5499	33.5549	7.5467	32.9120
19197	23JUL	649.4	866.30	8.4965	35.5080	8.4920	34.6983
19198	24JUL	660.5	880.20	9.4568	37.5531	9.4501	36.5642
19199	25JUL	671.5	891.30	10.4673	39.1848	10.4571	38.0453
19200	26JUL	683.3	904.60	11.6151	41.1338	11.5993	39.8644
19201	27JUL	695.9	916.80	12.9115	42.9115	12.8868	41.4476
19202	28JUL	707.2	929.60	14.1340	44.7623	14.0980	43.0037
19203	29JUL	720.0	938.50	15.5840	46.0385	15.5329	43.8133
19204	30JUL	733.1	949.10	17.1353	47.5452	17.0660	44.7918
19205	31JUL	745.4	959.10	18.6497	48.9516	18.5591	45.5299
19206	01AUG	758.3	970.80	20.2932	50.5768	20.1720	46.5013
19207	02AUG	771.4	985.20	22.0146	52.5439	21.8499	47.7625
19208	03AUG	785.1	1001.30	23.8650	54.6957	23.6420	49.0272
19209	04AUG	798.8	1018.00	25.7598	56.8704	25.4643	50.3288
19210	05AUG	811.3	1034.10	27.5215	58.9080	27.1314	51.3737
19211	06AUG	821.9	1045.80	29.0357	60.3507	28.5363	51.6856
19212	07AUG	832.7	1058.00	30.5943	61.8198	29.9618	51.8834
19213	08AUG	843.9	1070.80	32.2237	63.3217	31.4310	52.3373
19214	09AUG	855.1	1085.80	33.8628	65.0294	32.8812	52.8264
19215	10AUG	866.9	1099.10	35.5962	66.4955	34.3942	52.9417
19216	11AUG	878.8	1111.90	37.3471	67.8636	35.8857	52.7057

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**



**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19217	12AUG	890.4	1125.20	39.0527	69.2404	37.3138	52.3942
19218	13AUG	902.5	1137.40	40.8267	70.4633	38.7693	51.7007
19219	14AUG	914.4	1148.50	42.5627	71.5428	40.0946	50.8598
19220	15AUG	925.3	1160.20	44.1424	72.6466	41.1985	49.8949
19221	16AUG	936.7	1172.40	45.7812	73.7608	42.2473	48.5723
19222	17AUG	948.8	1185.20	47.5027	74.8898	43.2579	47.2831
19223	18AUG	960.8	1195.20	49.1892	75.7437	44.2252	46.3053
19224	19AUG	972.4	1204.10	50.7973	76.4832	45.0635	46.0049
19225	20AUG	983.5	1214.10	52.3137	77.2915	45.7292	45.4471
19226	21AUG	994.3	1225.20	53.7666	78.1610	46.2167	44.6061
19227	22AUG	1004.5	1236.30	55.1171	79.0018	46.6205	43.4939
19228	23AUG	1013.9	1249.10	56.3421	79.9367	46.8853	42.3836
19229	24AUG	1022.5	1262.40	57.4459	80.8695	46.9786	41.6847
19230	25AUG	1032.3	1274.10	58.6831	81.6585	47.0680	40.5247
19231	26AUG	1042.2	1284.70	59.9102	82.3483	46.9987	39.4368
19232	27AUG	1052.2	1296.40	61.1259	83.0827	46.9919	38.3204
19233	28AUG	1061.6	1309.20	62.2464	83.8548	46.6624	37.8163
19234	29AUG	1070.8	1317.50	63.3217	84.3384	46.1864	36.7932
19235	30AUG	1081.6	1326.40	64.5570	84.8423	45.9073	35.8907
19236	31AUG	1091.4	1339.20	65.6522	85.5412	45.3590	34.9644
19237	01SEP	1100.3	1351.40	66.6255	86.1799	44.6109	33.6360
19238	02SEP	1108.8	1360.80	67.5361	86.6542	43.6711	31.9585
19239	03SEP	1118.1	1369.70	68.5111	87.0894	42.7513	30.2190
19240	04SEP	1128.3	1379.10	69.5548	87.5348	42.0333	28.6268
19241	05SEP	1137.4	1391.90	70.4633	88.1184	41.4276	27.7677
19242	06SEP	1145.0	1403.00	71.2058	88.6038	40.6115	26.7840
19243	07SEP	1154.3	1415.80	72.0943	89.1405	39.8707	25.8187
19244	08SEP	1164.4	1426.40	73.0344	89.5669	39.1716	24.5375

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

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**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19245	09SEP	1173.3	1434.70	73.8415	89.8897	38.2453	23.3942
19246	10SEP	1180.2	1439.10	74.4536	90.0571	37.1065	22.1934
19247	11SEP	1186.2	1443.50	74.9763	90.2217	35.9236	20.9813
19248	12SEP	1192.5	1451.80	75.5155	90.5254	34.6889	20.0621
19249	13SEP	1200.8	1461.20	76.2113	90.8585	33.6485	19.3157
19250	14SEP	1209.6	1471.80	76.9307	91.2209	32.7883	18.5742
19251	15SEP	1217.2	1476.80	77.5372	91.3870	31.7560	17.6262
19252	16SEP	1223.1	1476.80	77.9987	91.3870	30.4959	16.4972
19253	17SEP	1229.5	1482.40	78.4901	91.5695	29.3009	15.8258
19254	18SEP	1235.4	1489.60	78.9347	91.7987	28.1375	15.3155
19255	19SEP	1240.8	1495.20	79.3347	91.9729	27.0210	14.6814
19256	20SEP	1246.5	1498.00	79.7498	92.0586	25.9832	13.8977
19257	21SEP	1253.8	1501.30	80.2708	92.1586	25.1537	13.1567
19258	22SEP	1262.4	1508.00	80.8695	92.3578	24.5274	12.4211
19259	23SEP	1270.5	1511.30	81.4188	92.4541	23.9730	11.5846
19260	24SEP	1278.2	1513.00	81.9281	92.5033	23.2449	10.8449
19261	25SEP	1284.8	1516.30	82.3546	92.5979	22.4444	10.2496
19262	26SEP	1291.4	1524.88	82.7723	92.8385	21.6464	9.7557
19263	27SEP	1298.2	1533.66	83.1933	93.0768	20.9469	9.2220
19264	28SEP	1305.3	1542.74	83.6230	93.3153	20.3013	8.9769
19265	29SEP	1310.3	1549.72	83.9197	93.4933	19.3627	8.6509
19266	30SEP	1313.9	1555.30	84.1303	93.6322	18.4781	8.0910
19267	01OCT	1317.5	1560.88	84.3384	93.7683	17.7128	7.5884
19268	02OCT	1320.9	1566.26	84.5327	93.8968	16.9965	7.2426
19269	03OCT	1324.1	1571.44	84.7135	94.0182	16.2024	6.9288
19270	04OCT	1328.0	1577.32	84.9313	94.1531	15.3765	6.6183
19271	05OCT	1331.2	1582.50	85.1079	94.2695	14.6446	6.1511
19272	06OCT	1333.1	1586.38	85.2119	94.3552	14.0061	5.7514

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**

**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19273	07OCT	1336.1	1591.36	85.3747	94.4634	13.2804	5.3229
19274	08OCT	1340.3	1597.54	85.5999	94.5948	12.5655	5.0279
19275	09OCT	1344.5	1603.72	85.8219	94.7233	11.9804	4.8335
19276	10OCT	1347.6	1608.80	85.9838	94.8266	11.5302	4.7696
19277	11OCT	1349.9	1613.08	86.1028	94.9122	11.1265	4.6904
19278	12OCT	1351.1	1616.26	86.1645	94.9748	10.6489	4.4494
19279	13OCT	1352.2	1619.34	86.2208	95.0348	10.0096	4.1763
19280	14OCT	1352.7	1621.82	86.2464	95.0826	9.3157	3.8617
19281	15OCT	1352.7	1623.00	86.2464	95.1052	8.7092	3.7182
19282	16OCT	1352.7	1624.68	86.2464	95.1371	8.2477	3.7501
19283	17OCT	1352.7	1625.76	86.2464	95.1576	7.7563	3.5881
19284	18OCT	1352.7	1627.04	86.2464	95.1817	7.3117	3.3830
19285	19OCT	1352.7	1628.22	86.2464	95.2038	6.9117	3.2309
19286	20OCT	1352.7	1629.60	86.2464	95.2296	6.4966	3.1710
19287	21OCT	1352.7	1630.88	86.2464	95.2534	5.9756	3.0948
19288	22OCT	1352.7	1630.88	86.2464	95.2534	5.3768	2.8956
19289	23OCT	1352.7	1630.88	86.2464	95.2534	4.8276	2.7992
19290	24OCT	1352.7	1630.88	86.2464	95.2534	4.3183	2.7501
19291	25OCT	1352.7	1630.88	86.2464	95.2534	3.8917	2.6555
19292	26OCT	1352.7	1631.86	86.2464	95.2715	3.4741	2.4330
19293	27OCT	1352.7	1633.24	86.2464	95.2969	3.0531	2.2201
19294	28OCT	1352.7	1633.24	86.2464	95.2969	2.6234	1.9816
19295	29OCT	1352.7	1633.24	86.2464	95.2969	2.3267	1.8036
19296	30OCT	1352.7	1633.24	86.2464	95.2969	2.1161	1.6647
19297	31OCT	1352.7	1634.42	86.2464	95.3185	1.9080	1.5502
19298	01NOV	1352.7	1635.20	86.2464	95.3328	1.7137	1.4359
19299	02NOV	1352.7	1635.20	86.2464	95.3328	1.5329	1.3146
19300	03NOV	1352.7	1635.20	86.2464	95.3328	1.3151	1.1797

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**

**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19301	04NOV	1352.7	1635.20	86.2464	95.3328	1.1385	1.0633
19302	05NOV	1352.7	1635.20	86.2464	95.3328	1.0345	0.9776
19303	06NOV	1352.7	1635.20	86.2464	95.3328	0.8717	0.8694
19304	07NOV	1352.7	1635.20	86.2464	95.3328	0.6465	0.7379
19305	08NOV	1352.7	1635.20	86.2464	95.3328	0.4245	0.6095
19306	09NOV	1352.7	1635.20	86.2464	95.3328	0.2626	0.5062
19307	10NOV	1352.7	1635.20	86.2464	95.3328	0.1436	0.4206
19308	11NOV	1352.7	1635.20	86.2464	95.3328	0.0819	0.3579
19309	12NOV	1352.7	1635.20	86.2464	95.3328	0.0255	0.2980
19310	13NOV	1352.7	1635.20	86.2464	95.3328	0.0000	0.2502
19311	14NOV	1352.7	1635.20	86.2464	95.3328	0.0000	0.2276
19312	15NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.2207
19313	16NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.2003
19314	17NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.1761
19315	18NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.1540
19316	19NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.1282
19317	20NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.1045
19318	21NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.1045
19319	22NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.1045
19320	23NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.1045
19321	24NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.1045
19322	25NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.0864
19323	26NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.0609
19324	27NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.0609
19325	28NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.0609
19326	29NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.0609
19327	30NOV	1352.7	1636.58	86.2464	95.3579	0.0000	0.0393
19328	01DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**

**Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012**

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19329	02DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19330	03DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19331	04DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19332	05DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19333	06DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19334	07DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19335	08DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19336	09DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19337	10DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19338	11DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19339	12DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19340	13DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19341	14DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0251
19342	15DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19343	16DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19344	17DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19345	18DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19346	19DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19347	20DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19348	21DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19349	22DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19350	23DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19351	24DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19352	25DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19353	26DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19354	27DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19355	28DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19356	29DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000

**% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season**

**Assumption: Average adult ALB life span is estimated at 30d under natural field conditions**

*Cumulative Degree-days,ALB Cumulative Emergence(%), Abundance(%) for Worcester, MA in September 25, 2012*

Date1	Date	ADD in 2002-2011	Predicted ADD in 2012	% Emergence in 2002-2011	Predicted % Emerg in 2012	% Aboundance in 2002-2011	% Aboundance in 2012
19357	30DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000
19358	31DEC	1352.7	1636.58	86.2464	95.3579	0.0000	0.0000

*% Abundance:100\* # of Live ALB at a Specific Day/Total # of ALB Emerged in this Season*

*Assumption: Average adult ALB life span is estimated at 30d under natural field conditions*