

# Summary Report of Black Bass Fishing Contests held in California During 2009



Flatwater Reservoir Research  
and Management Project



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## Introduction

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Beginning in 1975, organizers offering prizes or other inducements for the taking of sport fish in any California water must obtain a fishing contest permit from the California Department of Fish and Game (CDFG). Since 1985, organizers have been required to submit a 'Fishing Contest Report' to the CDFG detailing the results of each permitted contest. In 1990, in an effort to gather more data, regulations were established that provided two types of contests, 'Event' and "Annual". An 'Event' type contest permit is designed to regulate large fishing contests often run by commercial organizations. The "Annual" type contest permit is designed to gather data from smaller organized contests, such as those offered by bass clubs or individuals.

An 'Event' type permit is required for contests in which more than 50 anglers will participate or the sponsor is offering \$1,000 or more in prizes or other inducements. An 'Event' contest targeting black bass may not exceed 3 days duration and no more than one 'Event' type contest may be held on any water on the same day with the exception of the Sacramento – San Joaquin Delta (Delta). On the Delta, up to 3 'Event' permits may be issued per day as long as only one weigh-in location appears in each of the following counties: San Joaquin, Contra Costa, and Sacramento.

An "Annual" type permit is required for contests with 50 or fewer participants and the sponsor is offering less than \$1,000 in prizes or other inducements. Up to 12 individual contests may appear on each "Annual" type permit, and there is no limit to the number of "Annual" type permits that can be issued for each date and/or water.

## Permits Issued

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In 2009, a total of 1,727 fishing contest permits were issued for tournaments targeting black bass. Not all permitted contests are held as some contests are cancelled or simply not conducted for various reasons. For each permitted contest held, the organizer is required to complete and return a 'Fishing Contest Report' form to the CDFG within 30 days of the conclusion of the contests.

Organizer's report compliance has varied from year to year - averaging about 60% for much of this decade. Beginning in 2007, the CDFG began sending a 'letter of notice' to organizers that specific contest reports were delinquent. In late 2008, CDFG improved reporting procedures by developing a writeable PDF form and e-mail submittal procedures. These changes have tremendously helped improve sponsor compliance. In 2009, 98% of all fishing contest reports were submitted and were used in the analysis described in this report.

A total of 808 'Event' type fishing contests were permitted in 2009. This is down slightly from the 820 contests permits issued in 2008. A total of 918 "Annual" type permits were issued. The total number of "Annual" type permits issued also decreased slightly compared to 2008 when the CDFG issued 1,044 permits.

Table 1. Number of 'Event' type black bass fishing contests permitted annually between 1985 - 2009

<b>Year</b>	<b>Number of Contests</b>	<b>Year</b>	<b>Number of Contests</b>	<b>Year</b>	<b>Number of Contests</b>
---	---	1990	277	2000	630
---	---	1991	265	2001	724
---	---	1992	282	2002	721
---	---	1993	303	2003	843
---	---	1994	298	2004	793
1985	57	1995	327	2005	777
1986	151	1996	375	2006	765
1987	156	1997	422	2007	843
1988	234	1998	549	2008	820
1989	226	1999	596	2009	808

Table 2. Number of 'Annual' type black bass fishing contests permitted annually between 1985 - 2009.

<b>Year</b>	<b>Number of Contests</b>	<b>Year</b>	<b>Number of Contests</b>	<b>Year</b>	<b>Number of Contests</b>
---	---	1990	485	2000	889
---	---	1991	570	2001	937
---	---	1992	704	2002	934
---	---	1993	704	2003	887
---	---	1994	814	2004	903
1985	na	1995	804	2005	831
1986	na	1996	808	2006	919
1987	na	1997	824	2007	966
1988	na	1998	887	2008	1,044
1989	na	1999	820	2009	918

## Locations

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A total of 674 'Event' type fishing contests were held on 48 different waters throughout California (Table 3). In northern California, the Sacramento-San Joaquin Delta held the most tournaments of any water body (113) - but up to 3 contests may be permitted on the Delta each day. For locations where only one 'Event' type permit was permitted each day - Clear Lake was the most popular tournament location in northern California (57), while Lake Castaic held the largest number of tournaments in southern California (52).

Table 3. Location and number of 'Event' type contests targeting black bass in 2009.

<b>Water</b>	<b># Contests</b>	<b>Water</b>	<b># Contests</b>
Sacramento-San Joaquin Delta	113	Lake San Antonio	7
Clear Lake	57	Lopez Lake	6
Lake Castaic	52	Lake Piru	6
Lake McClure	36	Lake Santa Margarita	6
Lake Don Pedro	30	Lake Cachuma	5
Lake Oroville	28	Silverwood Lake	5
Lake Shasta	28	Lake Camanche	4
Lake El Capitan	28	Vail Lake	4
Pine Flat Lake	25	Lake Almanor	3
Lake Hodges	22	Lake Hensley	3
Lake Kaweah	22	Iron Gate Reservoir	3
Lake Perris	20	Lake Sonoma	3
Lake Isabella	20	Anderson Lake	2
Millerton Lake	19	East Park Reservoir	2
Lake Berryessa	17	Lake Elsinore	2
Pyramid Lake	14	Lake Pardee	2
Eastman Lake	13	Ruth Lake	2
Lake Nacimiento	12	Lake Tulloch	2
Lake Casitas	11	Lake Amador	1
Otay Lake, Lower	11	Bass Lake (Madera County)	1
Lake Success	10	Diamond Valley Lake	1
Folsom Lake	8	Lake Pillsbury	1
New Melones Reservoir	7	Trinity Lake	1

A total of 794 “Annual” type fishing contests were held on 70 different waters throughout California (Table 4). Again the most popular tournament location was the Sacramento-San Joaquin Delta (145), while Clear Lake also a very popular tournament location (110). In the southern portion of the state, Lake El Capitan was the most popular tournament water (21), followed closely by Otay Lake, Lower (18), and Pyramid Lake (17).

Table 4. Location and number of “Annual” type contests targeting black bass in 2009.

<b>Water</b>	<b># Contests</b>	<b>Water</b>	<b># Contests</b>
Sacramento-San Joaquin Delta	145	Lake Havasu	5
Clear Lake	110	Lake Perris	5
Lake Shasta	51	Bass Lake	4
Lake Don Pedro	32	Folsom Lake	4
Lake Oroville	23	Lake Isabella	4
Lake Berryessa	23	Lake Murry	4
Lake Tulloch	22	Thermalito Afterbay	4
Lake El Capitan	21	Black Butte Reservoir	3
Lake Camanche	19	Lake Hensley	3
Otay Lake, Lower	18	Lake Elsinore	3
Lake Pardee	17	Silverwood Lake	3
Pyramid Lake	17	Lake Skinner	3
Lopez Lake	15	Stony Gorge Reservoir	3
Lake Almanor	14	Anderson Lake	2
Lake Hodges	13	Antelope Lake	2
Lake Nacimiento	13	Colorado River	2
Lake Piru	13	Copco Reservoir	2
Lake Santa Margarita	13	Eastman Lake	2
Lake Sonoma	12	Los Banos Reservoir	2
Trinity Lake	12	Big Lake (Shasta Co.)	1
Iron Gate Reservoir	10	Blue Lake, Upper (Lake Co.)	1
Lake New Melones	10	Butt Valley Reservoir	1
Lake Cachuma	9	Highland Springs Reservoir	1
Pine Flat Lake	9	Irvine Lake	1
Lake San Antonio	9	Lake Jennings	1
Lake Sutherland	9	Lake Kaweah	1
New Hogan Lake	8	Martinez Reservoir	1
Lake McClure	8	Collins Lake	1
Lake Amador	7	Morena Reservoir	1
Whiskeytown Lake	7	Parker Dam Reservoir	1
Lake Casitas	6	Salt Springs Reservoir	1
Lake Castaic	6	San Antonio Creek	1
Lake Britton	5	Union Valley Reservoir	1
Camp Far West	5	Vail Lake	1
Diamond Valley Lake	5	Walker Lake	1



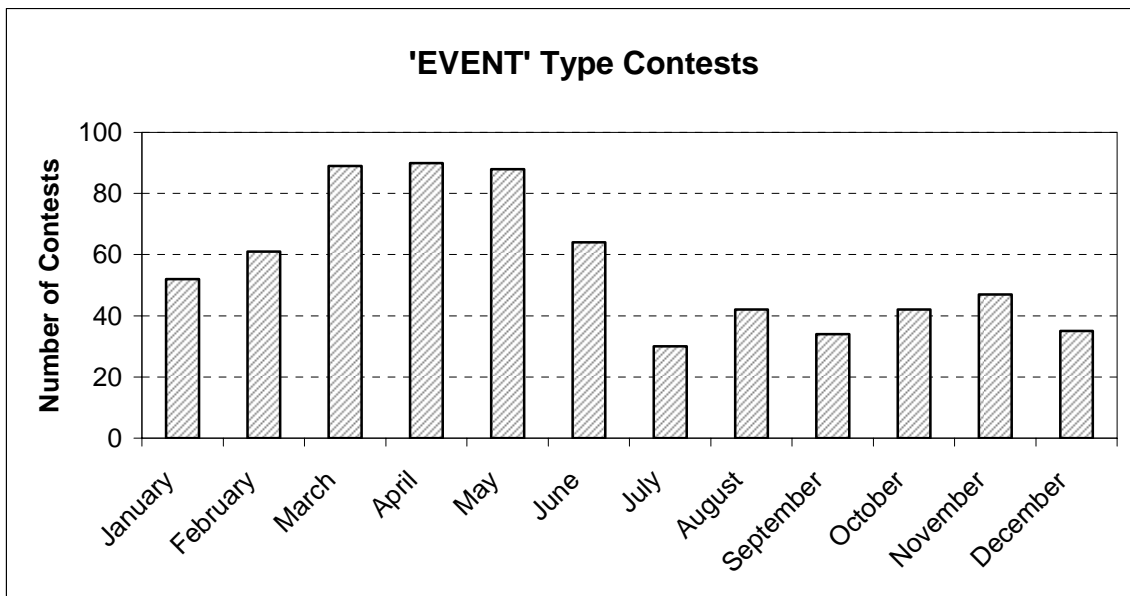
## Timing

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On average, 122 fishing contests targeting black bass are held each month. April is the most popular month with over 182 contests held throughout the state. Since most contests are held on either Saturday or Sunday, there were ~23 fishing contests held each weekend day statewide during the month of April.

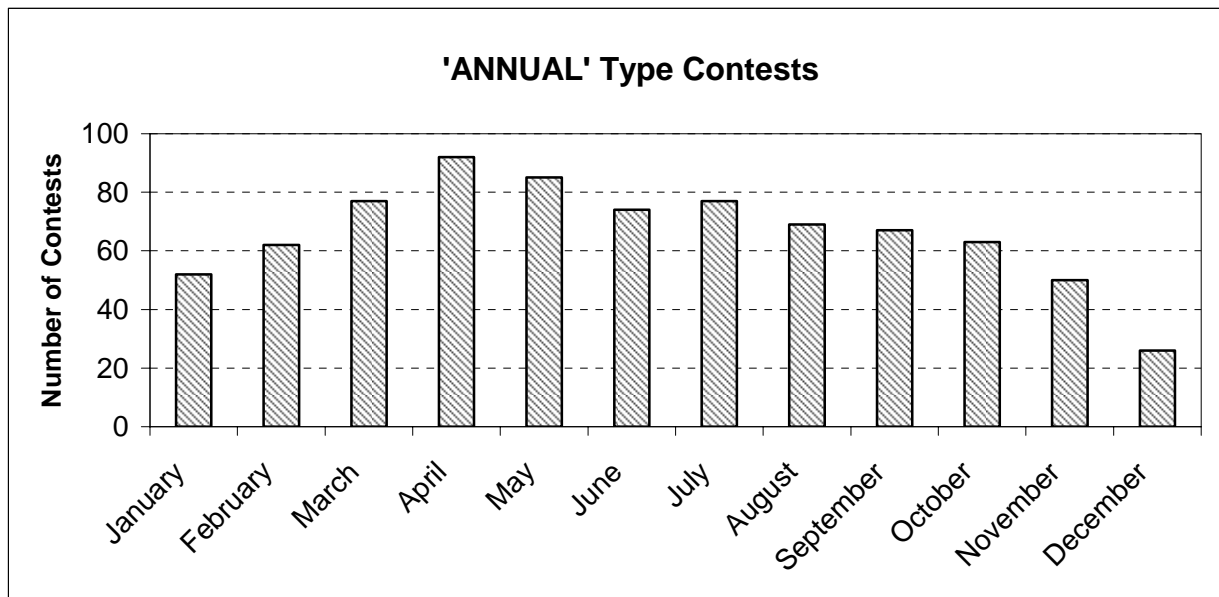
A minimum of 30 'Event' type fishing contests were held each month throughout the state (Figure 1). Fishing contests peaked during the spring months of March - May. During this period, an average of 89 fishing contests were held each month. This was the preferred time for fisherman to target black bass as the fish had moved up into the shallow water in preparation to spawn. In addition, sight fishing was very popular during this time period. The summer months of July - September were when the fewest contests were conducted. Many tournament organizers avoided the period from July 15<sup>th</sup> - September 15<sup>th</sup>, as this is when the CDFG limits time between blast off and the first weigh-in, which can not exceed 6 hours. This is commonly referred to as the "6 - hour" rule by many tournament organizers and participants.

Figure 1. Monthly distribution of 'Event' type fishing contests targeting black bass in 2009.



For “Annual” type fishing contests, organizers conduct an average of 66 tournaments each month (Figure 2). The month of April is the most popular month to hold a tournament with approximately 92 contests held that month. The ‘6 - hour’ rule does not seem to deter organizers of “Annual” type contests as approximately 198 contests were held between June 15<sup>th</sup> and September 15<sup>th</sup>.

Figure 2. Monthly distribution of “Annual” type fishing contests targeting black bass in 2009.



## Total Catch

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A total of 126,469 black bass were reported caught in fishing contests in 2009. This is for all species combined – largemouth, smallmouth, and spotted bass – as organizers seldom separated total catch on fishing contest reports by species. By contest type, organizers of ‘Event’ type contests reported a total catch of 90,668 black bass (Table 5). For “Annual” type contests, organizers reported a total catch of 35,801 black bass (Table 6). This is approximately a 10% decrease in total catch from that reported by organizers in 2008 for both contest types.

Table 5. Total number of black bass caught in ‘Event’ type fishing contests between 1985 - 2009.

Year	Total Catch	Year	Total Catch	Year	Total Catch
---	---	1990	44,602	2000	61,868
---	---	1991	34,099	2001	56,458
---	---	1992	39,166	2002	52,951
---	---	1993	47,321	2003	68,895
---	---	1994	53,645	2004	81,715
1985	6,011	1995	50,095	2005	71,441
1986	15,663	1996	55,571	2006	78,475
1987	32,807	1997	60,874	2007	119,436
1988	36,437	1998	64,930	2008	100,675
1989	32,109	1999	33,755	2009	90,668

Table 6. Total number of black bass caught in “Annual” type fishing contests between 1985 - 2009.

Year	Total Catch	Year	Total Catch	Year	Total Catch
---	---	1990	12,170	2000	22,224
---	---	1991	12,600	2001	24,624
---	---	1992	21,510	2002	22,683
---	---	1993	25,715	2003	24,363
---	---	1994	35,125	2004	29,685
1985	no data	1995	28,882	2005	24,815
1986	no data	1996	28,138	2006	34,148
1987	no data	1997	31,013	2007	44,403
1988	no data	1998	26,291	2008	39,537
1989	no data	1999	5,452	2009	35,801

## Catch per Hour

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The overall catch per hour for all black bass contests held in 2009 was 0.26 fish/hour. The catch per hour for 'Event' (Table 7) and 'Annual' (Table 8) type contests were both 0.26 fish per hour. Over all reporting years, the catch per hour for tournament caught black bass has remained fairly consistent for both contest types.

Table 7. Catch per hour of black bass by year for 'Event' type black bass fishing contests between 1985 - 2009.

Year	Catch/Hour	Year	Catch/Hour	Year	Catch/Hour
---	---	1990	0.22	2000	0.26
---	---	1991	0.18	2001	0.28
---	---	1992	0.20	2002	0.29
---	---	1993	0.21	2003	0.25
---	---	1994	0.25	2004	0.26
1985	0.21	1995	0.23	2005	0.24
1986	0.17	1996	0.25	2006	0.25
1987	0.23	1997	0.26	2007	0.27
1988	0.18	1998	0.25	2008	0.28
1989	0.19	1999	0.24	2009	0.26

Table 8. Catch per hour of black bass by year for 'Annual' type black bass fishing contests between 1985 - 2009.

Year	Catch/Hour	Year	Catch/Hour	Year	Catch/Hour
---	---	1990	0.20	2000	0.26
---	---	1991	0.18	2001	0.27
---	---	1992	0.21	2002	0.29
---	---	1993	0.22	2003	0.25
---	---	1994	0.27	2004	0.26
1985	no data	1995	0.25	2005	0.26
1986	no data	1996	0.27	2006	0.28
1987	no data	1997	0.29	2007	0.30
1988	no data	1998	0.27	2008	0.28
1989	no data	1999	0.28	2009	0.26

## Fish Size

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The average weight of all black bass weighed in during 2009 was 2.04 pounds. Tournament organizers seldom distinguished between species, so this is the combined average weight of largemouth, smallmouth, and spotted bass. In 'Event' type contests, the average black bass weighed 2.24 pounds (Table 9). In 'Annual' type contests, the average weight of black bass was 1.94 pounds (Table 10).

Table 9. Average weight of black bass caught in at 'Event' type fishing contests between 1985 - 2009.

Year	Average Weight	Year	Average Weight	Year	Average Weight
----	----	1990	1.76	2000	1.98
----	----	1991	1.70	2001	2.01
----	----	1992	1.83	2002	2.22
----	----	1993	1.92	2003	2.21
----	----	1994	1.90	2004	2.22
1985	no data	1995	1.88	2005	2.30
1986	no data	1996	1.91	2006	2.32
1987	no data	1997	1.93	2007	2.18
1988	no data	1998	2.00	2008	2.40
1989	no data	1999	2.08	2009	2.24

Table 10. Average weight of black bass caught in at 'Annual' type fishing contests between 1985 - 2009.

Year	Average Weight	Year	Average Weight	Year	Average Weight
----	----	1990	1.62	2000	1.88
----	----	1991	1.57	2001	1.92
----	----	1992	1.50	2002	2.03
----	----	1993	1.58	2003	2.14
----	----	1994	1.64	2004	2.12
1985	no data	1995	1.66	2005	2.10
1986	no data	1996	1.67	2006	2.01
1987	no data	1997	1.84	2007	2.12
1988	no data	1998	1.83	2008	2.13
1989	no data	1999	2.09	2009	1.94

At each tournament, a record is kept noting the largest black bass weighed in at that contest. The largest bass weighed in during a 2009 fishing contest weighed 15.59 lbs., and was taken April 11<sup>th</sup> from the Sacramento - San Joaquin Delta. A close second was a bass caught from Clear Lake, Lake County., on May 9<sup>th</sup> that weighed 15.1 pounds.

While these fish are trophy class bass, they are not the largest black bass caught during a tournament in California. Table 11 shows a list of the largest tournament caught bass from 1986 - 2009.

Table 11. Largest tournament caught black bass in California each year between 1986 -2009.

Year	Location	Date Caught	Species	Weight (lbs.)
1986	Clear Lake	6/15/1986	Largemouth	12.80
1987	Lake Castaic	6/6/1987	Largemouth	17.90
1988	Lake Cachuma	3/18/1988	Largemouth	16.40
1989	Lake Castaic	6/10/1989	Largemouth	13.00
1990	Lake Casitas	3/10/1990	Largemouth	15.80
1991	Clear Lake	6/1/1991	Largemouth	15.38
1992	Lake Castaic	6/20/1992	Largemouth	17.87
1993	Lake Cachuma	4/17/1993	Largemouth	18.24
1994	Lake Casitas	4/30/1994	Largemouth	15.47
1995	Lake Castaic	6/10/1995	Largemouth	13.71
1996	Lake Perris	11/10/1996	Largemouth	15.38
1997	Lake Hodges	9/27/1997	Largemouth	16.50
1998	Lake Shasta	11/19/1998	Largemouth	16.56
1999	Lake Casitas	6/19/1999	Largemouth	14.74
2000	CA Delta	4/30/2000	Largemouth	17.57
2001	Lake Perris	11/11/2001	Largemouth	14.04
2002	Lake Casitas	6/15/2002	Largemouth	15.54
2003	CA Delta	4/12/2003	Largemouth	14.08
2004	Lake Success	5/15/2004	Largemouth	14.76
2005	Lake Shasta	10/9/2005	Largemouth	15.84
2006	CA Delta	4/15/2006	Largemouth	15.81
2007	Lake Pyramid	5/6/2007	Largemouth	16.40
2008	CA Delta	4/5/2008	Largemouth	14.25
2009	CA Delta	4/11/2009	Largemouth	15.59

## Initial Mortality

Tournament organizers are required, insofar as possible, to release all black bass alive and in good condition back to the water were taken. In some instances bass are brought to the weigh-in scales dead; this is recorded as initial mortality on the Fishing Contest Report submitted by the contest organizer. Initial mortality is the only type of tournament associated loss measured for black bass fishing contests although an unknown amount of delayed mortality does occur. In 'Event' type contests held in 2009, organizers reported an initial mortality of 1.0% (Table 11). In 'Annual' type contests, the initial mortality was estimated to be 1.1% (Table 12). Reported initial mortality has not exceeded 2% in any 'Event' contest since the implementation of "Special Black Bass Tournament Conditions" in 1988.

Table 11. Percent initial mortality of black bass caught in 'Event' type fishing contests between 1985 - 2009.

Year	Initial Mortality	Year	Initial Mortality	Year	Initial Mortality
----	----	1990	1.2	2000	1.3
----	----	1991	0.9	2001	1.1
----	----	1992	1.1	2002	1.0
----	----	1993	0.7	2003	0.9
----	----	1994	0.7	2004	1.0
1985	2.8	1995	0.8	2005	0.9
1986	2.0	1996	0.9	2006	1.1
1987	2.3	1997	1.0	2007	0.8
1988	1.4	1998	1.0	2008	0.8
1989	1.6	1999	0.9	2009	1.0

Table 12. Percent initial mortality of black bass caught in 'Annual' type fishing contests between 1985 - 2009.

Year	Initial Mortality	Year	Initial Mortality	Year	Initial Mortality
----	----	1990	2.0	2000	1.4
----	----	1991	1.5	2001	1.3
----	----	1992	1.9	2002	1.2
----	----	1993	1.9	2003	1.2
----	----	1994	1.7	2004	1.3
1985	no data	1995	5.0	2005	1.2
1986	no data	1996	1.4	2006	1.6
1987	no data	1997	1.8	2007	1.2
1988	no data	1998	1.4	2008	1.1
1989	no data	1999	2.1	2009	1.1

## **Appendix 1**

### Summary of 2009 Fishing Contest Reports for All Contest Types by Individual Water



## 2009 Black Bass Fishing Contest Report Summary All Contest Types

<b>Water Name</b>	<b>Contest Days</b>	<b>Total Fish Count</b>	<b>Total Fish Weight</b>	<b>Total Fish Reported Dead</b>	<b>Number of Competitors</b>	<b>Total Contest Hours</b>	<b>Total Hours Effort</b>	<b>Total Catch Per Hour</b>	<b>Mean Weight Per Fish</b>
Anderson Lake	5	549	788.3	7	244	40.00	2,456.00	0.22	1.44
Antelope Lake	2	81	164.1	0	47	17.00	403.00	0.20	2.03
Bass Lake	5	302	567.8	1	102	38.00	803.00	0.38	1.88
Big Lake	1	5	16.5	0	9	8.00	72.00	0.07	3.30
Black Butte Reservoir	4	83	150.3	2	45	22.00	348.00	0.24	1.81
Blue Lake, Upper (Lake Co.)	1	8	22.8	0	30	8.00	240.00	0.03	2.85
Butt Valley Reservoir	1	28	45.0	0	14	8.00	112.00	0.25	1.61
Sacramento-San Joaquin Delta	297	26,240	64,642.9	232	10,831	2,286.50	103,717.75	0.25	2.46
Camp Far West	6	134	181.1	2	75	35.50	526.50	0.25	1.35
Clear Lake	224	23,233	72,686.4	182	6,614	1,558.75	72,898.50	0.32	3.13
Collins Lake	1	18	35.2	0	16	10.00	160.00	0.11	1.96
Colorado River	3	74	110.0	3	19	22.00	244.00	0.30	1.49
Copo Reservoir	2	8	14.8	0	9	12.00	54.00	0.15	1.85
Diamond Valley Lake	6	124	296.9	2	71	50.00	592.00	0.21	2.39
East Park Reservoir	2	246	380.2	0	135	12.00	876.00	0.28	1.55
Eastman Lake	16	802	1,163.9	19	320	123.00	2,659.00	0.30	1.45
Folsom Lake	13	1,246	2,707.0	2	464	94.25	3,674.00	0.34	2.17
Hensley Lake	5	77	87.2	0	70	39.50	552.00	0.14	1.13
Highland Springs Reservoir	1	45	115.0	0	36	6.00	216.00	0.21	2.56
Hogan Lake	2	124	197.7	1	57	16.00	456.00	0.27	1.59
Iron Gate Reservoir	17	424	768.3	8	263	141.00	2,844.00	0.15	1.81
Irvine Lake	1	30	51.6	0	8	6.00	48.00	0.63	1.72
Lake Almanor	19	907	2,355.2	33	437	142.50	3,708.00	0.24	2.60
Lake Amador	10	291	610.4	8	186	63.00	1,496.00	0.19	2.10
Lake Berryessa	44	4,949	8,548.7	25	1,702	345.25	14,342.50	0.35	1.73
Lake Britton	7	149	277.9	3	56	47.50	507.50	0.29	1.86
Lake Cachuma	21	1,011	1,863.9	10	363	126.00	3,123.00	0.32	1.84
Lake Camanche	26	942	1,982.5	1	409	193.25	3,414.00	0.28	2.10
Lake Casitas	22	1,057	3,053.4	6	481	123.50	3,614.00	0.29	2.89
Lake Castaic	69	6,843	12,141.4	35	2,620	454.00	20,141.00	0.34	1.77
Lake Don Pedro	73	3,798	7,409.4	43	1,937	556.50	17,380.00	0.22	1.95
Lake El Capitan	54	2,724	5,088.1	34	1,429	358.50	11,072.00	0.25	1.87

2009 Black Bass Fishing Contest Report Summary  
All Contest Types (con't.)

<b>Water Name</b>	<b>Contest Days</b>	<b>Total Fish Count</b>	<b>Total Fish Weight</b>	<b>Total Fish Reported Dead</b>	<b>Number of Competitors</b>	<b>Total Contest Hours</b>	<b>Total Hours Effort</b>	<b>Total Catch Per Hour</b>	<b>Mean Weight Per Fish</b>
Lake Elsinore	6	127	339.6	0	114	44.00	960.00	0.13	2.67
Lake Havasu	9	141	301.3	1	32	48.00	300.00	0.47	2.14
Lake Hodges	40	2,356	4,817.7	31	1,167	275.00	9,046.00	0.26	2.04
Lake Isabella	28	1,051	2,861.8	4	626	189.25	4,930.25	0.21	2.72
Lake Jennings	1	36	60.8	0	11	6.00	66.00	0.55	1.69
Lake Kaweah	24	1,434	2,665.9	25	993	168.50	7,003.00	0.20	1.86
Lake McClure	44	4,612	5,918.6	17	1,665	355.50	13,461.50	0.34	1.28
Lake Murray	4	58	105.6	1	31	30.00	225.00	0.26	1.82
Lake Nacimiento	27	2,457	3,268.5	13	918	216.75	7,811.25	0.31	1.33
Lake New Melones	19	1,369	2,404.7	7	481	138.00	3,897.00	0.35	1.76
Lake Oroville	64	8,793	14,860.5	59	2,364	499.00	26,465.00	0.33	1.69
Lake Pardee	19	681	1,562.9	11	391	150.00	3,110.50	0.22	2.29
Lake Perris	25	1,711	4,633.9	63	1,004	197.00	8,146.00	0.21	2.71
Lake Pillsbury	1	82	304.6	6	79	6.50	513.50	0.16	3.71
Lake Piru	22	942	2,123.0	12	481	146.50	3,439.50	0.27	2.25
Lake San Antonio	19	789	1,317.3	7	490	145.00	4,395.50	0.18	1.67
Lake Santa Margarita	25	1,063	3,634.7	16	574	183.00	4,920.00	0.22	3.42
Lake Shasta	101	8,606	13,474.5	61	2,268	773.25	23,180.00	0.37	1.57
Lake Skinner	3	43	100.3	0	42	24.00	336.00	0.13	2.33
Lake Sonoma	18	737	1,535.0	2	358	132.50	2,984.00	0.25	2.08
Lake Success	10	588	923.8	11	282	69.00	1,956.00	0.30	1.57
Lake Sutherland	10	345	536.3	5	105	69.00	734.00	0.47	1.55
Lake Tulloch	24	778	1,637.4	7	749	124.00	4,017.00	0.19	2.10
Lopez Lake	23	1,413	3,665.5	5	746	171.50	5,791.00	0.24	2.59
Los Banos Reservoir	2	81	154.5	1	50	17.00	410.00	0.20	1.91
Martinez Reservoir	2	38	71.7	0	8	12.00	96.00	0.40	1.89
Millerton Lake	19	1,772	2,329.2	13	784	153.50	6,190.00	0.29	1.31
Morena Reservoir	1	1	2.8	0	8	6.00	48.00	0.02	2.75
New Hogan Lake	9	296	509.9	0	153	64.50	1,240.00	0.24	1.72
Otay Lake, Lower	34	1,491	3,442.4	12	970	227.50	7,476.00	0.20	2.31
Parker Dam Reservoir	2	42	56.5	0	10	12.00	120.00	0.35	1.34
Pine Flat Lake	37	1,603	2,372.7	26	1,033	290.00	8,770.50	0.18	1.48

2009 Black Bass Fishing Contest Report Summary  
All Contest Types (con't.)

<b>Water Name</b>	<b>Contest Days</b>	<b>Total Fish Count</b>	<b>Total Fish Weight</b>	<b>Total Fish Reported Dead</b>	<b>Number of Competitors</b>	<b>Total Contest Hours</b>	<b>Total Hours Effort</b>	<b>Total Catch Per Hour</b>	<b>Mean Weight Per Fish</b>
Pyramid Lake	32	1,525	3,223.5	13	821	240.00	6,217.00	0.25	2.11
Ruth Lake	2	126	229.7	0	94	18.00	846.00	0.15	1.82
Salt Springs Reservoir	1	37	103.2	0	11	6.00	66.00	0.56	2.79
San Antonio Creek	2	20	38.1	0	7	18.00	126.00	0.16	1.90
Silverwood Lake	8	254	630.4	1	154	63.00	1,248.00	0.20	2.48
Stony Gorge Reservoir	3	178	241.5	7	62	31.00	622.00	0.29	1.36
Thermolito Afterbay	4	32	65.6	2	26	24.00	156.00	0.21	2.05
Trinity Lake	19	752	1,864.8	23	231	131.00	2,236.00	0.34	2.48
Union Valley Reservoir	1	28	33.4	1	22	9.75	214.50	0.13	1.19
Vail Lake	5	794	1,507.8	17	473	38.50	3,628.00	0.22	1.90
Walker Lake	1	55	100.8	0	22	6.00	132.00	0.42	1.83
Whiskytown Lake	8	209	479.8	2	94	67.00	880.00	0.24	2.30
<b>Statewide Totals</b>	<b>1,718</b>	<b>126,098</b>	<b>279,036.4</b>	<b>1,141</b>	<b>50,103</b>	<b>12,560</b>	<b>451,159.75</b>	<b>0.26</b>	<b>2.04</b>

## **Appendix 2**

### Summary of 2009 Fishing Contest Reports for 'Event' Type Contests by Individual Water

2009 Black Bass Fishing Contest Report Summary  
'Event' Type Contests

Water Name	Contest Days	Total Fish Count	Total Fish Weight	Total Fish Reported Dead	Number of Competitors	Total Contest Hours	Total Hours Effort	Total Catch Per Hour	Mean Weight Per Fish
Anderson Lake	3	430	616.1	2	193	24.00	2,048.00	0.26	1.43
Bass Lake	1	113	231.1	0	29	9.00	261.00	0.43	2.04
Sacramento-San Joaquin Delta	132	18,852	48,339.0	179	7,635	1,038.25	76,215.50	0.25	3.23
Clear Lake	71	16,656	53,850.0	99	4,542	509.50	52,386.00	0.32	3.23
Diamond Valley Lake	1	43	102.8	0	20	8.00	160.00	0.27	2.39
East Park Reservoir	2	246	380.2	0	135	12.00	876.00	0.28	1.55
Eastman Lake	14	776	1,126.1	19	306	107.00	2,547.00	0.30	1.45
Folsom Lake	9	1,123	2,476.5	2	397	64.00	3,176.00	0.35	2.21
Iron Gate Reservoir	4	286	512.0	7	163	33.00	1,815.00	0.16	1.79
Lake Almanor	3	238	687.7	4	193	26.00	1,671.00	0.14	2.89
Lake Amador	2	36	118.7	0	32	11.00	352.00	0.10	3.30
Lake Berryessa	19	3,755	6,541.4	15	1,250	148.00	10,311.00	0.36	1.74
Lake Cachuma	8	444	901.5	1	218	34.50	1,503.00	0.30	2.03
Lake Camanche	4	290	628.6	0	98	31.00	786.00	0.37	2.17
Lake Casitas	16	1,028	2,986.4	6	454	82.00	3,424.00	0.30	2.91
Lake Castaic	63	6,559	11,562.2	35	2,486	405.00	19,093.00	0.34	1.76
Lake Don Pedro	34	2,338	4,967.9	27	1,246	259.00	10,807.50	0.22	2.12
Lake El Capitan	35	2,424	4,523.9	31	1,217	220.50	9,539.00	0.25	1.87
Lake Elsinore	2	38	163.0	0	58	16.00	464.00	0.08	4.29
Lake Hensley	3	57	68.4	0	55	23.50	432.00	0.13	1.20
Lake Hodges	27	2,009	4,110.6	26	975	182.00	7,647.00	0.26	2.05
Lake Isabella	20	910	2,577.8	2	572	141.25	4,294.25	0.21	2.83
Lake Kaweah	23	1,431	2,662.1	25	990	162.50	6,985.00	0.20	1.86
Lake McClure	36	4,377	5,633.0	17	1,583	292.00	12,803.00	0.34	1.29
Lake Nacimiento	12	1,307	1,775.8	6	562	98.00	4,660.00	0.28	1.36
Lake New Melones	9	924	1,724.5	0	271	57.00	2,204.00	0.42	1.87
Lake Oroville	35	7,756	13,046.1	59	1,982	280.50	22,735.00	0.34	1.68
Lake Pardee	2	145	342.2	1	53	16.00	424.00	0.34	2.36
Lake Perris	20	1,601	4,354.1	63	945	164.00	7,738.00	0.21	2.72
Lake Pillsbury	1	82	304.6	6	79	6.50	513.50	0.16	3.71
Lake Piru	9	629	1,500.8	8	269	42.00	1,728.00	0.36	2.39
Lake San Antonio	9	358	637.9	1	235	60.00	2,083.00	0.17	1.78

2009 Black Bass Fishing Contest Report Summary  
'Event' Type Contests (con't.)

<b>Water Name</b>	<b>Contest Days</b>	<b>Total Fish Count</b>	<b>Total Fish Weight</b>	<b>Total Fish Reported Dead</b>	<b>Number of Competitors</b>	<b>Total Contest Hours</b>	<b>Total Hours Effort</b>	<b>Total Catch Per Hour</b>	<b>Mean Weight Per Fish</b>
Lake Santa Margarita	9	434	1,812.4	0	232	56.00	2,000.00	0.22	4.18
Lake Shasta	33	4,945	8,085.9	29	1,452	267.25	14,991.00	0.33	1.64
Lake Sonoma	3	272	679.0	0	144	24.00	1,152.00	0.24	2.50
Lake Success	10	588	923.8	11	282	69.00	1,956.00	0.30	1.57
Lake Tulloch	2	216	493.5	3	137	17.00	1,163.00	0.19	2.28
Lopez Lake	6	449	1,260.2	0	285	48.00	2,280.00	0.20	2.81
Millerton Lake	19	1,772	2,329.2	13	784	153.50	6,190.00	0.29	1.31
Otay lake, Lower	16	1,046	2,532.2	9	683	88.00	5,264.00	0.20	2.42
Pine Flat Lake	28	1,394	2,069.4	23	875	221.00	7,525.50	0.19	1.48
Pyramid Lake	15	979	2,206.5	11	542	105.00	4,000.00	0.24	2.25
Ruth Lake	2	126	229.7	0	94	18.00	846.00	0.15	1.82
Silverwood Lake	5	183	456.5	0	100	40.00	800.00	0.23	2.49
Trinity Lake	1	124	345.9	0	52	8.00	416.00	0.30	2.79
Vail Lake	4	655	1,278.1	13	445	30.00	3,390.00	0.19	1.95
<b>Statewide Totals:</b>	<b>782</b>	<b>90,444</b>	<b>204,155.3</b>	<b>750</b>	<b>35,340</b>	<b>5,707.75</b>	<b>323,655.25</b>	<b>0.25</b>	<b>2.24</b>

## **Appendix 3**

### Summary of 2009 Fishing Contest Reports for “Annual” Type Contests by Individual Water

2009 Black Bass Fishing Contest Report Summary  
'Annual' Type Contests

<b>Water Name</b>	<b>Contest Days</b>	<b>Total Fish Count</b>	<b>Total Fish Weight</b>	<b>Total Fish Reported Dead</b>	<b>Number of Competitors</b>	<b>Total Contest Hours</b>	<b>Total Hours Effort</b>	<b>Total Catch Per Hour</b>	<b>Mean Weight Per Fish</b>
Anderson Lake	2	119	172.2	5	51	16.00	408.00	0.29	1.45
Antelope Lake	2	81	164.1	0	47	17.00	403.00	0.20	2.03
Bass Lake	4	189	336.7	1	73	29.00	542.00	0.35	1.78
Big Lake (Shasta Co.)	1	5	16.5	0	9	8.00	72.00	0.07	3.30
Black Butte Reservoir	4	83	150.3	2	45	22.00	348.00	0.24	1.81
Blue Lake, Upper (Lake Co.)	1	8	22.8	0	30	8.00	240.00	0.03	2.85
Butt Valley Reservoir	1	28	45.0	0	14	8.00	112.00	0.25	1.61
Sacramento-San Joaquin Delta	165	7,388	16,303.8	56	3,196	1,248.25	27,502.25	0.27	2.21
Camp Far West	6	134	181.1	2	75	35.50	526.50	0.25	1.35
Clear Lake	153	6,577	18,836.4	83	2,072	1,049.25	20,512.50	0.32	2.86
Collins Lake	1	18	35.2	0	16	10.00	160.00	0.11	1.96
Colorado River	3	74	110.0	3	19	22.00	244.00	0.30	1.49
Copco Reservoir	2	8	14.8	0	9	12.00	54.00	0.15	1.85
Diamond Valley Lake	5	81	194.1	2	51	42.00	432.00	0.19	2.40
Eastman Lake	2	26	37.9	0	14	16.00	112.00	0.23	1.46
Folsom Lake	4	123	230.5	0	67	30.25	498.00	0.25	1.87
Highland Springs Reservoir	1	45	115.0	0	36	6.00	216.00	0.21	2.56
Hogan Lake	2	124	197.7	1	57	16.00	456.00	0.27	1.59
Iron Gate Reservoir	13	138	256.3	1	100	108.00	1,029.00	0.13	1.86
Irvine Lake	1	30	51.6	0	8	6.00	48.00	0.63	1.72
Jennings Lake	1	36	60.8	0	11	6.00	66.00	0.55	1.69
Lake Almanor	16	669	1,667.6	29	244	116.50	2,037.00	0.33	2.49
Lake Amador	8	255	491.7	8	154	52.00	1,144.00	0.22	1.93
Lake Berryessa	25	1,194	2,007.2	10	452	197.25	4,031.50	0.30	1.68
Lake Britton	7	149	277.9	3	56	47.50	507.50	0.29	1.86
Lake Cachuma	13	567	962.3	9	145	91.50	1,620.00	0.35	1.70
Lake Camanche	22	652	1,353.9	1	311	162.25	2,628.00	0.25	2.08
Lake Casitas	6	29	67.0	0	27	41.50	190.00	0.15	2.31
Lake Castaic	6	284	579.2	0	134	49.00	1,048.00	0.27	2.04
Lake Don Pedro	39	1,460	2,441.5	16	691	297.50	6,572.50	0.22	1.67
Lake El Capitan	19	300	564.2	3	212	138.00	1,533.00	0.20	1.88
Lake Elsinore	4	89	176.5	0	56	28.00	496.00	0.18	1.98



2009 Black Bass Fishing Contest Report Summary  
'Annual' Type Contests (con't.)

Water Name	Contest Days	Total Fish Count	Total Fish Weight	Total Fish Reported Dead	Number of Competitors	Total Contest Hours	Total Hours Effort	Total Catch Per Hour	Mean Weight Per Fish
Lake Havasu	9	141	301.3	1	32	48.00	300.00	0.47	2.14
Lake Hensley	2	20	18.8	0	15	16.00	120.00	0.17	0.94
Lake Hodges	13	347	707.1	5	192	93.00	1,399.00	0.25	2.04
Lake Isabella	8	141	284.0	2	54	48.00	636.00	0.22	2.01
Lake Kaweah	1	3	3.8	0	3	6.00	18.00	0.17	1.25
Lake McClure	8	235	285.6	0	82	63.50	658.50	0.36	1.22
Lake Murray	4	58	105.6	1	31	30.00	225.00	0.26	1.82
Lake Nacimiento	15	1,150	1,492.7	7	356	118.75	3,151.25	0.36	1.30
Lake New Melones	10	445	680.2	7	210	81.00	1,693.00	0.26	1.53
Lake Oroville	29	1,037	1,814.4	0	382	218.50	3,730.00	0.28	1.75
Lake Pardee	17	536	1,220.7	10	338	134.00	2,686.50	0.20	2.28
Lake Perris	5	110	279.8	0	59	33.00	408.00	0.27	2.54
Lake Piru	13	313	622.2	4	212	104.50	1,711.50	0.18	1.99
Lake San Antonio	10	431	679.4	6	255	85.00	2,312.50	0.19	1.58
Lake Santa Margarita	16	629	1,822.3	16	342	127.00	2,920.00	0.22	2.90
Lake Shasta	68	3,661	5,388.6	32	816	506.00	8,189.00	0.45	1.47
Lake Skinner	3	43	100.3	0	42	24.00	336.00	0.13	2.33
Lake Sonoma	15	465	855.9	2	214	108.50	1,832.00	0.25	1.84
Lake Sutherland	10	345	536.3	5	105	69.00	734.00	0.47	1.55
Lake Tulloch	22	562	1,143.9	4	612	107.00	2,854.00	0.20	2.03
Lopez Lake	17	964	2,405.3	5	461	123.50	3,511.00	0.27	2.50
Los Banos Creek Reservoir	2	81	154.5	1	50	17.00	410.00	0.20	1.91
Martinez Reservoir	2	38	71.7	0	8	12.00	96.00	0.40	1.89
Morena Reservoir	1	1	2.8	0	8	6.00	48.00	0.02	2.75
New Hogan Lake	9	296	509.9	0	153	64.50	1,240.00	0.24	1.72
Otay Lake, Lower	18	445	910.2	3	287	139.50	2,212.00	0.20	2.05
Parker Dam Reservoir	2	42	56.5	0	10	12.00	120.00	0.35	1.34
Pine Flat Lake	9	209	303.3	3	158	69.00	1,245.00	0.17	1.45
Pyramid Lake	17	546	1,016.9	2	279	135.00	2,217.00	0.25	1.86
Salt Springs Reservoir	1	37	103.2	0	11	6.00	66.00	0.56	2.79
San Antonio Creek	2	20	38.1	0	7	18.00	126.00	0.16	1.90
Silverwood Lake	3	71	173.9	1	54	23.00	448.00	0.16	2.45

2009 Black Bass Fishing Contest Report Summary  
'Annual' Type Contests (con't.)

<b>Water Name</b>	<b>Contest Days</b>	<b>Total Fish Count</b>	<b>Total Fish Weight</b>	<b>Total Fish Reported Dead</b>	<b>Number of Competitors</b>	<b>Total Contest Hours</b>	<b>Total Hours Effort</b>	<b>Total Catch Per Hour</b>	<b>Mean Weight Per Fish</b>
Stony Gorge Reservoir	3	178	241.5	7	62	31.00	622.00	0.29	1.36
Thermalito Afterbay	4	32	65.6	2	26	24.00	156.00	0.21	2.05
Trinity Lake	18	628	1,518.8	23	179	123.00	1,820.00	0.35	2.42
Union Valley Reservoir	1	28	33.4	1	22	9.75	214.50	0.13	1.19
Vail Lake	1	139	229.7	4	28	8.50	238.00	0.58	1.65
Walker Lake	1	55	100.8	0	22	6.00	132.00	0.42	1.83
Whiskeytown Lake	8	209	479.8	2	94	67.00	880.00	0.24	2.30
<b>Statewide Totals:</b>	936	35,654	74,880.6	391	14,753	6,851.75	127,504.50	0.26	1.94