

2003
Annual Crop
&
Livestock Report



Glenn County



Eddie Romano, Ag Commissioner, 1974 to 2003

Ed Romano served as the Agricultural Commissioner of Glenn County for 24 years, from 1974 to 2003. Ed was an Agricultural Commissioner who led the state in the support of California's agricultural industry. Ed has had many achievements over his career. He helped develop functional statewide air pollution control regulations, initiated the Glenn County Surface Water Program, the Glenn County Groundwater Program and developed legislation that supported and protected agriculture.

The Glenn County Agriculture Commissioner's office and the agricultural community will miss Ed.

County of **Glenn** Department of Agriculture

William R. Duckworth, Agricultural Commissioner
Sealer of Weights & Measures

Mark D. Black, Assistant Commissioner
Assistant Sealer

TO: A.G. Kawamura, Secretary
State of California
Department of Food and Agriculture

The Honorable Board of Supervisors
and Chairman: Gary Freeman District 2
Denny Bungarz District 1
Tom McGowan District 4
Forrest Sprague District 3
Keith Hansen District 5

I am pleased to submit the 2003 annual crop and livestock report for Glenn County as required by Section 2279 of the California Food and Agricultural Code. This report summarizes the acreage, production and gross value of Glenn County agricultural and forest commodities.

Agriculture continues to be the County's major industry. The 2003 gross production of agricultural commodities was valued at \$317,387,000. This represents an increase of 4% from the 2002 gross production value of \$303,786,000.

Rice continues to be the leading commodity produced by Glenn County with the production value of \$106,669,000. Almonds again were the second leading crop with a value of \$53,060,000, a 12 % increase over 2002 gross production value. Dairy products were the third leading commodity group with \$48,539,000 in production value, a 21 % increase over 2002. The olive crop saw one of the most significant declines with gross production value of \$5,021,000, a 56 % reduction over 2002. Timber also saw a significant decline with only \$10,000 in gross production value, a 98 % reduction in value over 2002.

Values given in this report are gross receipts received by growers and do not reflect their net income. They do not take into account the various costs of production, marketing or transportation.

I wish to express my appreciation for the cooperation and assistance of all individuals, related agencies and members of the agricultural industry for their contribution to this report. I would also like to thank members of my staff. I commended them for their efforts to compile this report.

Respectfully submitted,



William R. Duckworth Jr.
Agricultural Commissioner

FIELD CROPS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			VALUE		
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
BEANS	2003	608	1.33	807	Ton	\$598.00	\$483,000
	2002	2,618	0.89	2,356		673.00	1,587,000
CORN	2003	15,045	6.10	91,775	Ton	100.50	9,223,000
	2002	19,195	6.25	119,696		96.00	11,517,000
COTTON, LINT	2003	2,292	2.55	5,845	500 lb.	329.50	1,926,000
	2002	1,914	2.36	4,522		303.00	1,370,000
COTTON, SEED	2003			2,484	Ton	185.00	460,000
	2002			2,097		170.00	356,000
HAY, ALFALFA	2003	19,280	7.30	140,744	Ton	83.00	11,682,000
	2002	19,184	7.50	143,880		95.50	13,309,000
HAY, OTHER	2003	5,700	2.50	14,250		50.00	713,000
	2002	5,500	2.70	14,850		85.00	1,262,000
HAY, SUDANGRASS	2003	716	5.50	3,938	Ton	95.00	374,000
	2002	1,826	3.70	6,756		85.00	574,000
PASTURE, IRRIGATED	2003	10,436			Acres	135.00	1,409,000
	2002	12,673				135.00	1,711,000
RANGE	2003	230,000			Acres	7.00	1,610,000
	2002	230,000				7.00	1,610,000
RICE, PADDY	2003	87,793	4.05	355,562	Ton	300.00	106,669,000*
	2002	92,382	4.27	394,471		248.00	97,829,000*
SAFFLOWER	2003	287	0.59	169	Ton	275.00	47,000
	2002	2,839	0.78	2,228		240.00	535,000
SILAGE, CORN	2003	4,843	31.00	150,133	Ton	21.00	3,153,000
	2002	2,740	26.00	71,240		20.00	1,425,000
GRAIN, SORGHUM	2003	329	2.80	921	Ton	85.00	78,000
	2002	160	2.80	448		80.00	36,000
WHEAT	2003	16,000	1.20	19,200	Ton	87.00	1,670,000
	2002	14,006	2.60	36,416		93.00	3,387,000
MISCELLANEOUS	2003	9,281					1,863,000
	2002	7,588					1,331,000
TOTALS	2003	402,610				** Includes USDA Support Price	\$141,360,000
	2002	412,625				** Includes USDA Support Price	\$137,839,000

APIARY CROPS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			VALUE	
		TOTAL	UNIT	PER UNIT	TOTAL	
BEESWAX	2003	7,000		\$1.57	\$11,000	
	2002	7,000	Lbs	\$1.14	\$8,000	
HONEY	2003	152,000		1.49	226,000	
	2002	329,000	Lbs	1.47	484,000	
PACKAGED BEES	2003	134,000		5.93	795,000	
	2002	116,000	Lbs	5.72	663,000	
POLLINATION	2003				2,411,000	
	2002				1,990,000	
QUEEN BEES	2003	129,000		8.23	1,062,000	
	2002	104,000	Each	7.88	819,000	
TOTALS	2003				\$4,505,000	
	2002				\$3,964,000	

SEED CROPS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			VALUE		
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
BEANS	2003	1,502	1,765	2,651,096		\$0.38	\$1,007,000
	2002	1,330	2,379	3,164,552	Lbs	\$0.30	\$964,000
CLOVER, ALL	2003	674	618	416,725		1.35	563,000
	2002	1,424	256	364,923	Lbs	1.30	473,000
RICE	2003	2,047	8,100	16,580,700		0.15	2,487,000
	2002	2,263	8,600	19,461,800	Lbs	0.10	1,946,000
SUNFLOWER	2003	4,427	946	4,187,094		0.55	2,303,000
	2002	4,772	945	4,511,093	Lbs	0.47	2,125,000
VINE CROPS	2003	1,948					2,118,000
	2002	1,058					1,403,000
OTHER SEED	2003	133					145,000
	2002	1,093					2,013,000
TOTALS	2003	10,731					\$8,623,000
	2002	11,940					\$8,924,000

VEGETABLE CROPS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			VALUE		
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
TOTALS	2003	115					\$297,000
	2002	949					\$1,682,000

LIVESTOCK and POULTRY

Production and Value of Agricultural Products

COMMODITY	YEAR	NUMBER OF HEAD	TOTAL WEIGHT	UNIT	VALUE	
					PER UNIT	TOTAL
CATTLE and CALVES	2003	31,556	229,768	Cwt	\$76.77	\$17,639,000
	2002	31,658	230,484		65.51	15,099,000
SHEEP and LAMBS	2003	7,510	7,735	Cwt	88.00	681,000
	2002	7,087	7,300		69.40	507,000
HOGS and PIGS	2003	1,812	3,243	Cwt	35.70	116,000
	2002	1,785	3,195		34.20	109,000
POULTRY	2003	Included under Livestock and Poultry Products to protect individual				
	2002	operations.				
TOTALS	2003					\$18,436,000
	2002					\$15,715,000

LIVESTOCK and POULTRY PRODUCTS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION	UNIT	VALUE		
				PER UNIT	TOTAL	
MILK: MARKET	2003	3,920,929	Cwt	\$11.29	\$44,267,000	
	2002	3,293,446		10.89	35,851,000	
MILK: MANUFACTURING	2003	361,431	Cwt	11.82	4,272,000	
	2002	245,505		10.70	2,626,000	
WOOL	2003	76,076	Lbs	0.79	60,000	
	2002	71,791		0.53	38,000	
MISCELLANEOUS	2003					320,000
	2002					300,000
TOTALS	2003					\$48,919,000
	2002					\$38,815,000

NURSERY PRODUCTS

Production and Value of Agricultural Products

COMMODITY	YEAR	ACREAGE	TOTAL VALUE
TOTALS	2003	256	\$4,179,000
	2002	298	\$4,034,000

FRUIT and NUT CROPS

Production and Value of Agricultural Products

Commodity	Year	PRODUCTION			VALUE		
		Bearing Acreage	Per Acre	Total	Unit	Per Unit	Total
ALMONDS	2003	28,729	0.66	18,929	Meat	\$2,803.00	\$53,060,000
	2002	27,380	0.75	20,450	Ton	\$2,285.00	\$46,728,000
ALMOND HULLS	2003			23,661	Ton	77.00	1,822,000
	2002			25,563		70.00	1,761,000
CITRUS	2003	521	6.75	3,515	Ton	314.00	1,104,000
	2002	655	6.25	4,094		260.00	1,066,000
GRAPES	2003	1,278	9.37	11,975	Ton	292.00	3,497,000
	2002	1,277	9.30	11,880		462.00	5,488,000
OLIVES	2003	4,920	2.26	11,158	Ton	450.00	5,021,000
	2002	5,025	3.68	18,500		613.00	11,339,000
PISTACHIOS	2003	998	0.36	355	Inshell	2,900.00	1,042,000
	2002	980	1.48	1,450	Ton	2,400.00	3,480,000
PRUNES	2003	7,841	1.90	14,860	Dry	694.00	10,313,000
	2002	8,091	1.55	12,581	Ton	798.00	10,040,000
WALNUTS	2003	9,296	1.55	14,432	Inshell	1,052.00	15,182,000
	2002	9,200	1.44	11,673	Ton	1,080.00	12,607,000
MISCELLANEOUS	2003	235					570,000
	2002	234					304,000
TOTALS	2003	53,818					\$91,611,000
	2002	52,842					\$92,813,000

FOREST PRODUCTS

Production and Value of Forest Products

COMMODITY	YEAR	PRODUCTION		VALUE		
		UNIT	PER UNIT	TOTAL		
CHRISTMAS TREES	2003	1,700		Each	20.00	\$34,000
	2002	1,800			20.00	36,000
FIREWOOD	2003	800		Cord	85.00	68,000
	2002	823			85.00	70,000
TIMBER	2003	47,000		Board	0.21	10,000
	2002	3,080,000		feet	0.25	772,000
TOTALS	2003					\$112,000
	2002					\$878,000

VALUE of AGRICULTURAL and FOREST PRODUCTION

VALUE of AGRICULTURAL PRODUCTS	2002	2003
Field Crops	\$137,839,000	\$141,360,000
Fruit and Nut Crops	92,813,000	91,611,000
Livestock and Poultry Products	38,815,000	48,919,000
Livestock and Poultry	15,715,000	18,436,000
Seed Crops	8,924,000	8,623,000
Apiary Products	3,964,000	4,505,000
Nursery Products	4,034,000	4,179,000
Vegetable Crops	1,682,000	297,000
TOTAL AGRICULTURAL PRODUCTION	\$303,786,000	\$317,930,000

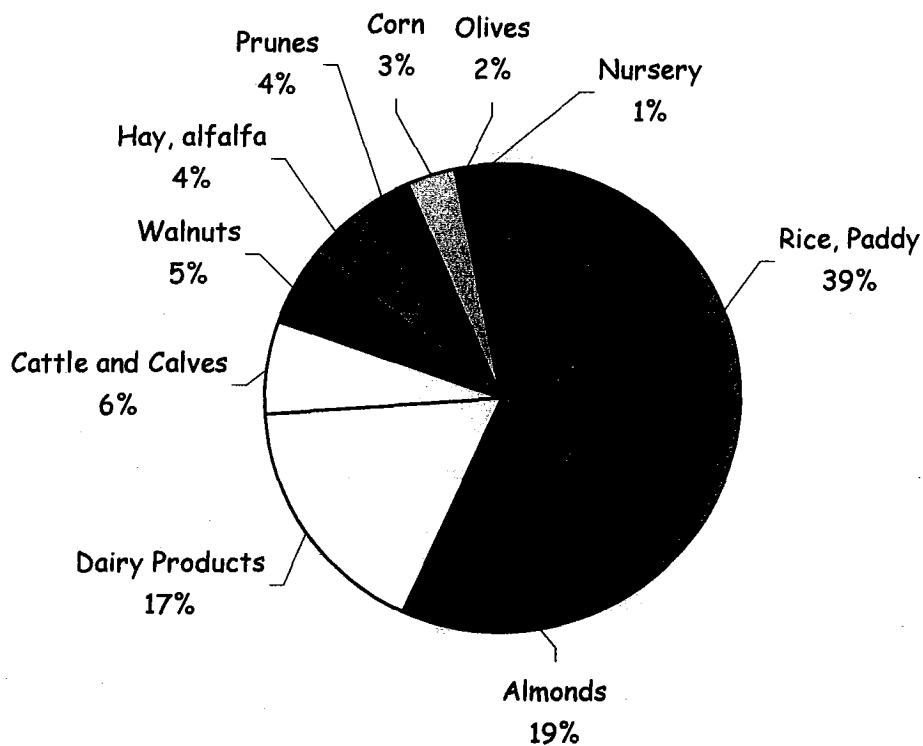
VALUE of FOREST PRODUCTS	2002	2003
Timber	\$772,000	\$10,000
Firewood	70,000	68,000
Christmas Trees	36,000	34,000
TOTAL FOREST PRODUCTION	\$878,000	\$112,000

GRAND TOTAL ALL PRODUCTION **\$304,664,000** **\$318,042,000**

GLENN COUNTY'S TEN LEADING AGRICULTURAL COMMODITIES

Commodity	2003 Value
1) Rice, Paddy	\$106,669,000
2) Almonds	53,060,000
3) Dairy Products	48,539,000
4) Cattle and Calves	17,639,000
5) Walnuts	15,182,000
6) Hay, alfalfa	11,682,000
7) Prunes	10,313,000
8) Corn	9,223,000
9) Olives	5,021,000
10) Nursery	4,179,000

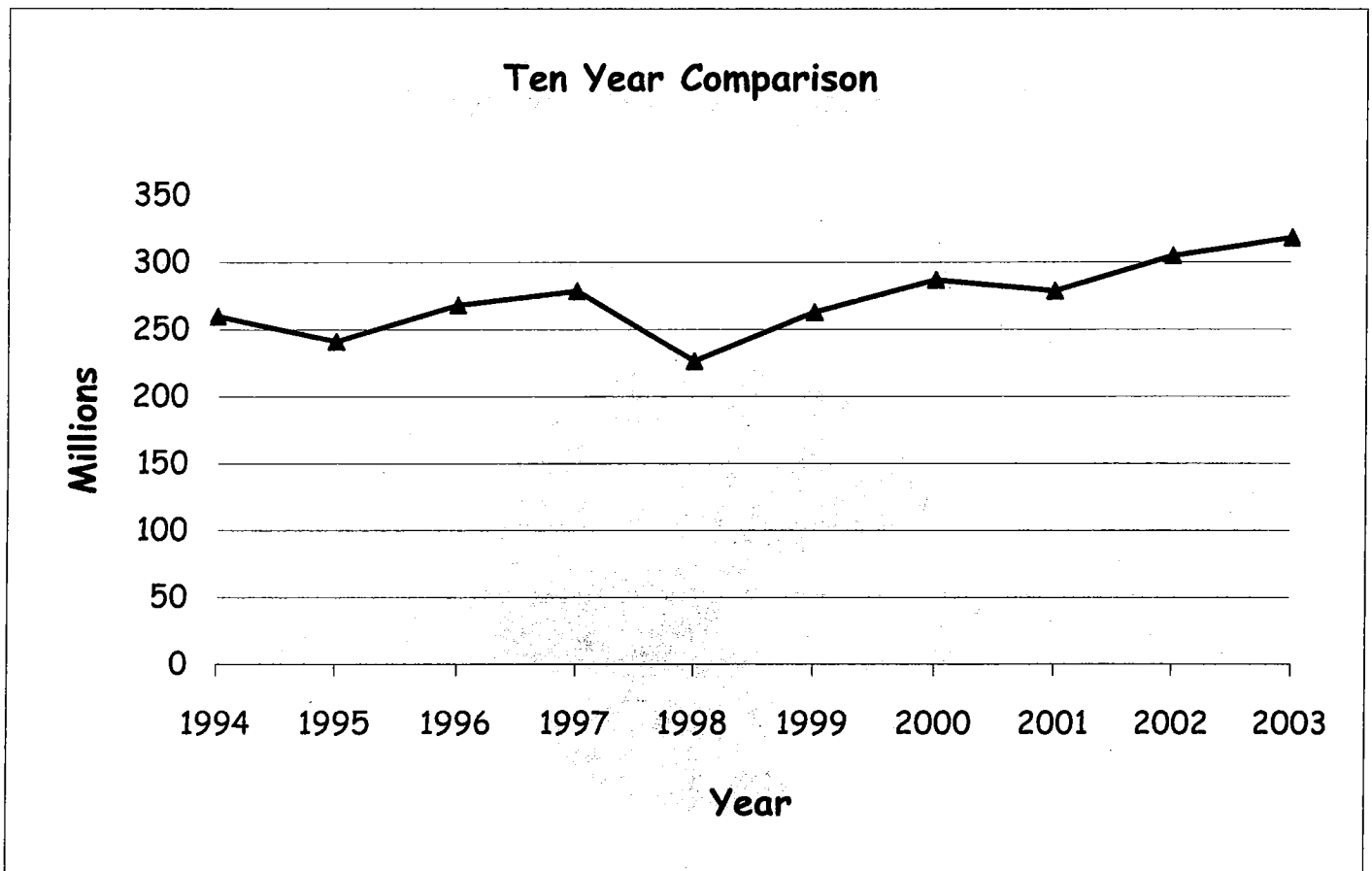
Ten Leading Commodities 2003



TEN YEAR PRODUCTION COMPARISON

1994 - 2003

<u>Year</u>	<u>Grand Total</u>
2003	\$318,042,000
2002	\$304,664,000
2001	\$278,261,000
2000	\$286,741,000
1999	\$262,606,000
1998	\$226,045,000
1997	\$278,276,000
1996	\$267,875,000
1995	\$240,986,000
1994	\$259,603,000



GLENN COUNTY SUSTAINABLE AGRICULTURE

BIOLOGICAL CONTROL

PEST	CONTROL AGENT	PROGRAM SCOPE
Ash Whitefly <i>Siphoninus phillyreae</i>	Wasp <i>Encarsia Sp.</i>	Established
	Beetle <i>Clitostethus arcuatus</i>	Established
Italian Thistle <i>Carduus pycnocephalus</i>	Weevil <i>Rhynocyllus conicus</i>	Established
Puncturevine <i>Tribulus terrestris</i>	Stem and Seed Weevils <i>Microlarinus lypriformis</i>	Established
	<i>Microlarinus lareyniei</i>	Established
Yellow Starthistle <i>Centaurea solstitialis</i>	Weevil <i>Banqasternus orientalis</i>	Established
	<i>Eustenopus villosus</i>	Established
	<i>Larinus curtus</i>	5 Release Sites
	Fly <i>Urophora sirunaseva</i>	Established
	<i>Chaetorellia australis</i>	Established
Bull Thistle <i>Cirsium vulgare</i>	Fly <i>Urophora stylata</i>	6 Release Sites
Red Gum Lerp Psyllid <i>Glycaspis brimblecombei</i>	Fly <i>Psyllaphaequs bliteus</i>	1 Release Site

PEST ERADICATION

PEST	CONTROL AGENT	NUMBER OF LOCATIONS
Canada Thistle <i>Cirsium arvense</i>	Chemical/Mechanical	1
Dyer's Woad <i>Isatis tinctoria</i>	Chemical/Mechanical	11
Perennial Pepperweed (Tall Whitetop) <i>Lepidium latifolium</i>	Chemical/Mechanical	35
Plumeless Thistle <i>Carduus acanthoides</i>	Chemical/Mechanical	3
Russian Knapweed <i>Acroptilon repens</i>	Chemical	1
Silverleaf Nightshade <i>Solanum elaeagnifolium</i>	Chemical/Mechanical	26
Hoarycress (Whitetop) <i>Cardaria draba</i>	Chemical/Mechanical	10
Purple Starthistle <i>Centaurea calcitrapa</i>	Chemical/Mechanical	2
Diffuse Knapweed <i>Centaurea diffusa</i>	Chemical/Mechanical	1

GLENN COUNTY SUSTAINABLE AGRICULTURE

PEST EXCLUSION

Terminal Inspections	Number of Inspections	Rejections	Pest
Postal	237	0	
Truck	1,495	0	
Other	13	2	

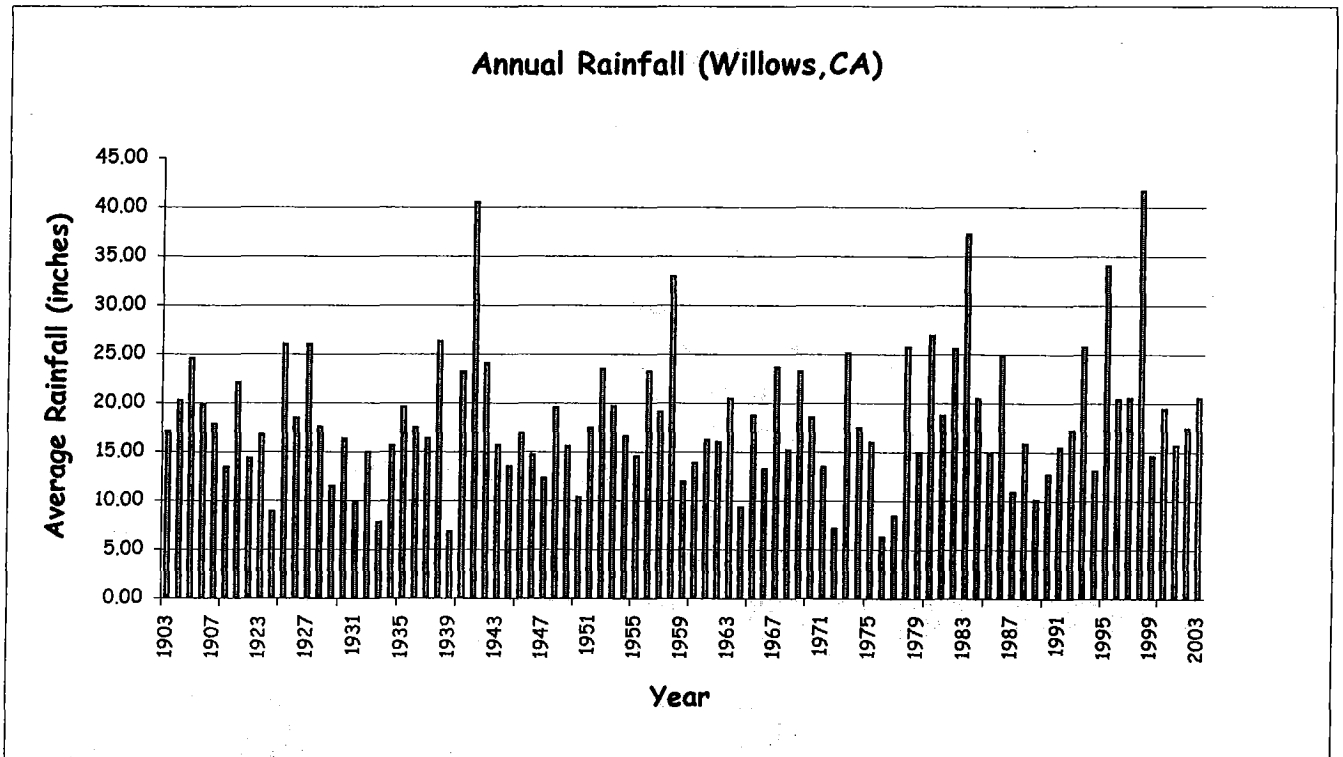
Origin Certification	Number of Inspections
Field Inspections	334
Phyto Certificates Issued	814

ORGANIC FARMING

Crop	Number of Farms	Acres
Almonds	5	201
Citrus	5	153
Fallow	4	157
Prunes	2	21.5
Olives	1	12
Rice	6	1,843
Safflower	2	50
Vegetables/Herbs	2	4

ANNUAL RAINFALL at WILLOWS, CALIFORNIA

Year	Inches	Year	Inches	Year	Inches	Year	Inches
1879 - 1880	13.96	1910 - 1911	17.75	1941 - 1942	24.07	1972 - 1973	25.11
1880 - 1881	13.85	1911 - 1912	11.26	1942 - 1943	15.68	1973 - 1974	17.45
1881 - 1882	8.28	1912 - 1913	13.18	1942 - 1944	13.52	1974 - 1975	16.03
1882 - 1883	8.45	1913 - 1914	29.18	1944 - 1945	16.94	1975 - 1976	6.30
1883 - 1884	18.84	1914 - 1915	27.19	1945 - 1946	14.72	1976 - 1977	8.46
1884 - 1885	7.80	1915 - 1916	18.11	1946 - 1947	12.28	1977 - 1978	25.72
1885 - 1886	19.15	1916 - 1917	11.43	1947 - 1948	19.56	1978 - 1979	14.97
1886 - 1887	8.07	1917 - 1918	11.90	1948 - 1949	15.59	1979 - 1980	26.95
1887 - 1888	8.97	1918 - 1919	12.90	1949 - 1950	10.32	1980 - 1981	18.76
1888 - 1889	10.30	1919 - 1920	7.70	1950 - 1951	17.48	1981 - 1982	25.58
1889 - 1890	29.94	1920 - 1921	21.28	1951 - 1952	23.50	1982 - 1983	37.25
1890 - 1891	19.01	1921 - 1922	13.44	1952 - 1953	19.70	1983 - 1984	20.47
1891 - 1892	18.82	1922 - 1923	16.81	1953 - 1954	16.64	1984 - 1985	14.89
1892 - 1893	27.30	1923 - 1924	8.86	1954 - 1955	14.57	1985 - 1986	24.82
1893 - 1894	11.15	1924 - 1925	25.99	1955 - 1956	23.24	1986 - 1987	10.92
1894 - 1895	26.04	1925 - 1926	18.44	1956 - 1957	19.11	1987 - 1988	15.86
1895 - 1896	22.18	1926 - 1927	25.99	1957 - 1958	32.93	1988 - 1989	10.12
1896 - 1897	18.82	1927 - 1928	17.54	1958 - 1959	11.96	1989 - 1990	12.71
1897 - 1898	6.58	1928 - 1929	11.46	1959 - 1960	13.88	1990 - 1991	15.51
1898 - 1899	13.05	1929 - 1930	16.37	1960 - 1961	16.24	1991 - 1992	17.19
1899 - 1900	15.23	1930 - 1931	9.85	1961 - 1962	16.01	1992 - 1993	25.76
1900 - 1901	17.49	1931 - 1932	15.01	1962 - 1963	20.48	1993 - 1994	13.10
1901 - 1902	21.67	1932 - 1933	7.79	1963 - 1964	9.34	1994 - 1995	34.04
1902 - 1903	17.10	1933 - 1934	15.65	1964 - 1965	18.75	1995 - 1996	20.39
1903 - 1904	20.28	1934 - 1935	19.62	1965 - 1966	13.26	1996 - 1997	20.52
1904 - 1905	24.55	1935 - 1936	17.48	1966 - 1967	23.65	1997 - 1998	41.62
1905 - 1906	19.85	1936 - 1937	16.40	1967 - 1968	15.21	1998 - 1999	14.59
1906 - 1907	17.88	1937 - 1938	26.28	1968 - 1969	23.25	1999 - 2000	19.43
1907 - 1908	13.44	1938 - 1939	6.82	1969 - 1970	18.56	2000 - 2001	15.70
1908 - 1909	22.09	1939 - 1940	23.21	1970 - 1971	13.50	2001 - 2002	17.40
1909 - 1910	14.36	1940 - 1941	40.50	1971 - 1972	7.15	2002 - 2003	20.56



STAFF MEMBERS

**Agricultural Commissioner
Sealer of Weights and Measures**

Ed Romano (retired July 2003) W. R. Duckworth

**Assistant Agricultural Commissioner
Assistant Sealer of Weights and Measures**

W.R.Duckworth

Deputy Agricultural Commissioner

Ernie Simpson

Environmental Biologists:

John F. B. Tolley

Rey Lopez

Jean Miller

Bob Birdseye

Lester Messina

Greg Hinton

Support Staff:

Debra Hubbard

Maureen Bailey

Tina Brothers

Colleen Gustafson (Retired October 2003)

Air Pollution Staff:

Kevin Tokunaga

Rick Steward

Ben Myhre

Candy Woods

Trudy Silveira (Retired October 2003)

Delia Azure

Dana Owens