

MENDOCINO COUNTY

2022 CROP REPORT



COUNTY OF MENDOCINO
DEPARTMENT OF
AGRICULTURE
890 N. Bush Street Ukiah, CA 95482
PHONE (707) 234-6830
FAX (707) 463-0240
agcomm@mendocinocounty.gov
www.mendocinocounty.gov/ag



Angela Godwin
Agricultural Commissioner
Sealer of Weights and Measures

KAREN ROSS, SECRETARY
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE
and THE HONORABLE BOARD OF SUPERVISORS OF MENDOCINO COUNTY

Madeline Cline, 1st District
Maureen Mulheren, 2nd District
John Haschak, 3rd District, Chair
Bernie Norvell, 4th District, Vice-Chair
Ted Williams, 5th District
and Darcie Antle, CEO

In accordance with Section 2279 of the California Food and Agricultural Code, I am pleased to submit the long-anticipated 2022 annual crop report for Mendocino County. It is important to note that the values represented in this report reflect the gross value of agricultural commodities grown in Mendocino County and do not consider costs associated with labor, planting, irrigation, distribution, among other production activities.

The total gross agricultural value for all commodities produced in 2022 was \$261,767,000, a 30 % increase from the 2021 value of \$200,556,316. Wine grapes remain the leading commodity in 2022, with a value of \$109,012,000, up 29%. Fruits and nuts combined totaled \$127,702,000, a 32% increase, including a 23% increase in Pear production of \$17,676,000 and an Apple production increase of 125% due to corrected production acreage. Nursery production increased by 134% due to increases in recorded acreage to \$4,269,000. Vegetable production increased by 9% to \$1,511,000. Field Crops, which include grains, hay, and pasture, decreased by 53% to \$6,545,000, primarily related to the drought conditions.

Agricultural production, excluding timber, totaled \$148,586,000. Timber was the second leading commodity, with a gross "at mill" value of \$113,181,000, a 28.5% increase over the previous year's total of \$67,128,681. Mendocino County ranked 4th in the State in timber volumes and produced roughly 8.4% of the State's total timber harvest in 2022.

Cattle production decreased significantly in the number of head (42%). Still, the price per unit was stable, even as the ongoing drought reduced forage availability, forcing ranchers to purchase supplemental feed at record-high prices. This prompted selective herd liquidations to curb costs, minimized impacts through rotational grazing, participation in the USDA's Livestock Forage Disaster Program, while preserving breeding stock. Comparative data from the 2017 and 2022 USDA Census Data indicate a roughly 55% decrease.

I wish to express my sincere appreciation to the agricultural industry and the various state and national agencies that furnish the necessary statistical information that makes this report possible. Using a combination of Mendocino County Crop Report Survey results and USDA NASS 2022 Census Survey data, we have made some long-overdue reconciliations/adjustments. I would also like to thank the University of California Cooperative Extension and all the members of my staff, especially Andy Walker, John Dunsford, II, and Cannabis Division staff, Sara McBurney, and Heidi Cremelle, for their hard work, valuable input, and assistance in producing this report.

Respectfully submitted,

Angela J. Godwin, Agricultural Commissioner/Sealer of Weights & Measures

FRUIT AND NUT CROPS

COMMODITY	YEAR	BEARING ACREAGE	TONS PER ACRE	PRODUCTION IN TONS	\$ PER TON		VALUE
APPLES, TOTAL	2022	485	1.3	631	\$	475 ⁽⁴⁾	\$ 299,000
	2021	216	1.1	237	\$	691 ⁽⁴⁾	\$ 163,800
							
	Fresh						
	2022			42	\$	1,950	\$ 81,900
	2021						
Other (Dried, Juice, etc.)	2022			195	\$	420	\$ 81,900
	2021						
WINE GRAPES, TOTAL	2022	17,400	3.5	61,000	\$	1,790	\$ 109,012,000
	2021	16,514	2.8	47,093	\$	1,794	\$ 84,484,842
	White	2022	5,940	3.6	\$	1,430	\$ 37,180,000
	Varieties	2021	5,534	3.6			
				20,113			
Red	2022	11,500	2.5	35,000	\$	2,110	\$ 73,850,000
	Varieties	2021	10,980	2.5			
PEARS, TOTAL (1)	2022	1,310	15.3	20,000	\$	884 ⁽⁴⁾	\$ 17,676,000
	2021	1,063	18.3	19,431	\$	553 ⁽⁴⁾	\$ 10,745,343
	Bartlett (2)	2022	1,230	14.8	\$	918 ⁽⁴⁾	\$ 16,671,000
		2021	941	19.4	\$	524 ⁽⁴⁾	\$ 9,563,000
Canning	2022			7,020	\$	538	\$ 3,777,000
	2021			10,004	\$	431	\$ 4,311,724
Fresh (2)	2022			8,620	\$	1,410	\$ 12,154,000
	2021			4,590	\$	874	\$ 4,011,660
Other (Baby Food Dried, Paste)	2022			2,570	\$	295	\$ 758,000
	2021			1,907	\$	297	\$ 566,379
Bosc(2)	2022			154	\$	1,770	\$ 271,000
	2021	65	7.3	457	\$	928	\$ 424,096
Red (2)	2022			381	\$	1,930	\$ 734,000
	2021	42	17.2	724	\$	1,038	\$ 751,512
MISC. TOTAL (3)	2022	161					\$ 715,000
	2021	243					\$ 1,085,000
TOTALS:	2022	19,400			\$		\$ 127,702,000
	2021	18,016			\$		\$ 92,723,750

(1) Does not include misc./other pears. See (3)

(2) The fresh values listed for pears are FOB values. The actual average prices paid per ton to the growers (farm gate values) for 2022 were: Bartlett \$1,410, Bosc \$1,770, and Reds \$1,930. for 2021 were: Bartlett \$438, Bosc \$468, and Reds \$462.

(3) Miscellaneous includes berries, cherries, chestnuts, olives, other pears, guava, peaches, persimmons, table grapes pistachios and walnuts

(4) Weighted average

Some values throughout this report may not compute exactly due to computational rounding.

FRUIT, NUT, AND GRAPEVINE ACREAGE

CROP	ACRES BEARING	ACRES NON-BEARING	TOTAL
APPLES	485	9	494
WINE GRAPES, TOTAL	17,400	1,200	18,600
Red	11,500	793	12,300
White	5,940	407	6,350
OLIVES			109
PEARS, TOTAL	1,310	7	1,320
Bartlett	1,230	5	1,240
Red	45	1	46
Bosc	32	1	33
Other			
WALNUTS, ENGLISH			46
MISCELLANEOUS*	71	0	71
TOTALS:	19,300	1,220	20,500

*Miscellaneous includes berries, cherries, chestnuts, guava, peaches, persimmons, pistachios, plums, and table grapes.



LIVESTOCK INVENTORIES

<u>COMMODITY</u>	<u>2022</u>	<u>2021</u>
All Cattle and Calves	14,900	26,000
Sheep and Lambs, all	4,900	6,900
Hogs and Pigs	398	390
Other Livestock**	8,400	4,400

**Other Livestock includes goats, bison, llama, poultry and rabbits

LIVESTOCK PRODUCTION

<u>COMMODITY</u>	<u>YEAR</u>	<u>NO. OF HEAD</u>	<u>TOTAL CWT** LIVE WT.</u>	<u>\$ PER</u>	<u>\$ VALUES</u>
CATTLE AND CALVES	2022	7,280	54,200	\$136	\$7,387,000
	2021	19,000	126,800	\$138	\$17,498,400
SHEEP AND LAMBS	2022	2,080	1,860	\$242	\$451,000
	2021	2,700	2,850	\$142	\$404,700
HOGS AND PIGS	2022	299	709	\$79	\$56,000
	2021	370	980	\$83	\$81,340
MISCELLANEOUS*	2022				\$332,000
	2021				\$469,000
TOTALS:	2022				\$8,226,000
	2021				\$18,453,440

*Miscellaneous includes goats, pigeons, poultry, rabbits, turkeys, bison and aquaculture (fish farms).

**CWT= 100 lbs.



LIVESTOCK AND POULTRY PRODUCTS

<u>COMMODITY</u>	<u>YEAR</u>	<u>PRODUCTION IN LBS.</u>	<u>PER UNIT</u>	<u>\$ VALUE</u>
MILK	2022	**	**	**
	2021	**	**	**
WOOL	2022	13,800	\$0.80	\$11,000
	2021	20,000 LB	\$1.05	\$21,000
MISCELLANEOUS*	2022			\$322,000 ***
	2021			\$1,368,000
TOTALS:	2022			\$333,000 ***
	2021			\$1,389,000

*Miscellaneous includes apiary, eggs, emus, cheese, manure, and ostriches.

** Data was not available

***Value is base on USDA National Agricultural Statistics Service Data

NURSERY PRODUCTION

<u>COMMODITY</u>	<u>YEAR</u>	<u>GREENHOUSE SQUARE FEET</u>	<u>FIELD ACRES</u>	<u>\$ VALUES</u>
Nursery*	2022	178,000	36	\$4,269,000
	2021	61,001	18	\$1,805,000
Christmas Trees	2022	N/A	N/A	N/A
	2021	N/A	N/A	\$16,000
TOTALS	2022	178,000	36	\$4,269,000
	2021	61,001	18	\$1,821,000

*Includes turf and cut flowers



VEGETABLE CROPS

	<u>YEAR</u>	<u>ACRES</u>	<u>\$ VALUES</u>
Miscellaneous Vegetables*	2022	141	\$1,511,000
	2021	350	\$1,387,000

*Includes beans, sweet corn, garlic, herbs, melons, peas, potatoes, squash, tomatoes, etc.

FIELD CROPS

<u>COMMODITY</u>	<u>YEAR</u>	<u>ACRES</u>	<u>YIELD/ ACRE</u>	<u>TOTAL YIELD</u>	<u>PER AUM</u>	<u>\$ VALUES</u>
IRRIGATED PASTURE	2022	2,170	9.00 AUM*	19,530	\$35.00	\$684,000
	2021	3,200	9.00 AUM*	28,800	\$34.00	\$979,200
PASTURE, other (grassland, coast bench)	2022	166,300	1.03 AUM*	171,289	\$20.00	\$3,426,000
	2021	363,000	1.02 AUM*	370,260	\$18.50	\$6,849,810
RANGE	2022	124,000	0.70 AUM*	86,800	\$15.00	\$1,389,000***
	2021	355,000	0.69 AUM*	244,950	\$16.00	\$3,919,200
MISCELLANEOUS**	2022					\$1,046,000
	2021					\$2,150,000
TOTALS:	2022					\$6,545,000
	2021					\$13,898,210

*AUM means Animal Unit Month (food required to feed a 1,000 pound cow for one month).

**Miscellaneous includes alfalfa, barley, beans, corn, hay and oats.

***Bureau of Land Management Land Estimate

FOREST PRODUCTS

TIMBER	2022	2021
Log Production (board feet)	128,761,000	83,183,000
Total Stumpage Value, net	\$61,712,000	\$33,806,835
Total Value at Mill, gross	\$113,181,000	\$67,128,681

- 1) Calendar year 2022 showed an increase (Approx. 35.4%) in timber harvest volume when compared to 2021.
- 2) The average price for stumpage based on the information provided by the Board of Equalization is approximately **\$479/mbf** for reported timber harvested in Mendocino County.
- 3) Stumpage values were higher - **\$479/mbf** for 2022 compared to \$407/mbf for 2021.
- 4) The combined value of delivered value at the mill includes both stumpage (\$479/mbf) and logging and hauling costs (approx. \$400/mbf) for a total value of \$879/mbf = **\$113,180,919**
- 5) Mendocino County produced approximately 8.4% of the total timber produced in the State in 2022.
- 6) The State's reported total timber harvest volume for 2022 = 1,524,267 mbf. Compared to 2021 (1,701,131 mbf) represents roughly a 10.4% decrease in total state harvest volume.
- 7) Mendocino County ranked 4th in the state in timber volumes for 2022. The top ranking counties in 2022 were Butte, Plumas, Humboldt, Mendocino, Siskiyou, El Dorado, Lassen,

10 YEAR COMPARISON (LOG PRODUCTION)

<u>YEAR</u>	<u>Log Production (Board Feet)</u>	<u>Value at Mill (Gross)</u>
2022	128,761,000	\$113,181,000
2021	83,183,000	\$67,128,681
2020	114,458,000	\$93,855,560
2019	120,288,000	\$109,582,368
2018	137,465,000	\$132,516,260
2017	120,460,000	\$102,000,000
2016	106,727,000	\$76,696,600
2015	121,701,000	\$83,730,300
2014	115,197,000	\$74,980,000
2013	111,574,000	\$66,051,800
2012	121,850,000	\$71,587,951



SUSTAINABLE AGRICULTURE

ORGANIC ACRES

CROPS		ACRES
Wine grapes		3,348
Fruits & Nuts		360
Vegetables		59
Pasture/Forage/Grain		1,842
Propagation		0
TOTAL		5,609

PEST EXCLUSION

Parcel Post & Truck Shipment Inspections

SHIPMENTS INSPECTED	EXOTIC PESTS INTERCEPTED	SHIPMENTS REJECTED
433	7	2

BIOLOGICAL CONTROL

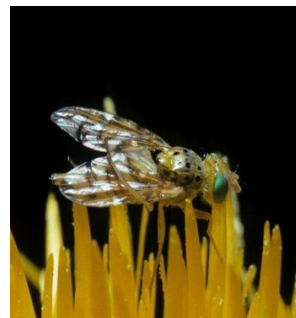
BIO-CONTROL AGENT

SCOPE OF PROGRAM

Bull Thistle Gall Fly.....	3 Sites
Gorse Weevil.....	Generally Distributed
Gorse Spider Mite.....	Generally Distributed
Italian Thistle Seed Head Weevil.....	Widely Distributed
Klamath Weed Beetles.....	Widely Distributed
Klamath Weed Root Borers.....	Widely Distributed
Puncture Vine Seed Weevil.....	Generally Distributed
Puncture Vine Stem Weevil.....	Generally Distributed
Tansy Ragwort Cinnabar Moth.....	Established
Tansy Ragwort Flea Beetle.....	Established
Yellow Starthistle Seed Head Weevil.....	Widely Distributed
Yellow Starthistle Gall Forming Fly.....	Widely Distributed
Yellow Starthistle Hairy Weevil.....	Generally Distributed
Yellow Starthistle Peacock Fly.....	Widely Distributed

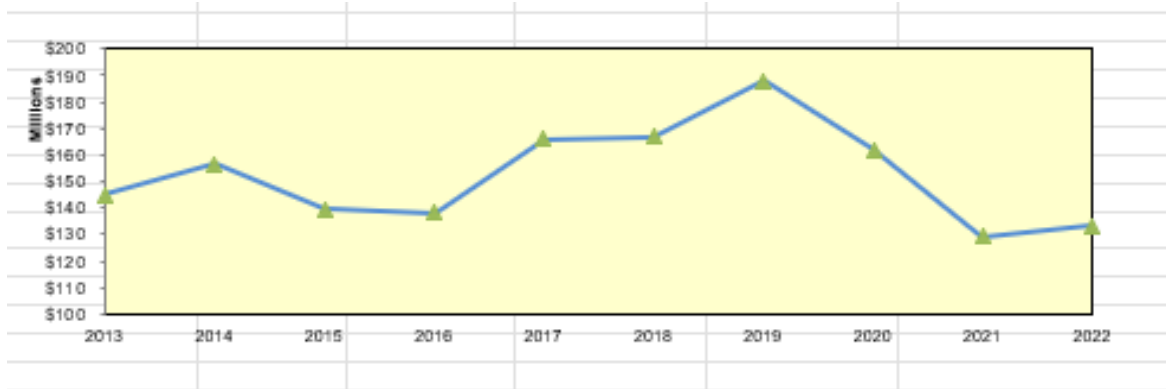


Gorse Seed Weevil
Image by George Markin, USDA
Forest Service, Bugwood.org



False Peacock Fly
Image by Mark Schwarzlander,
University of Idaho, Bugwood.org

VALUE OF MENDOCINO COUNTY AGRICULTURE (EXCLUDING TIMBER) 2012-2022



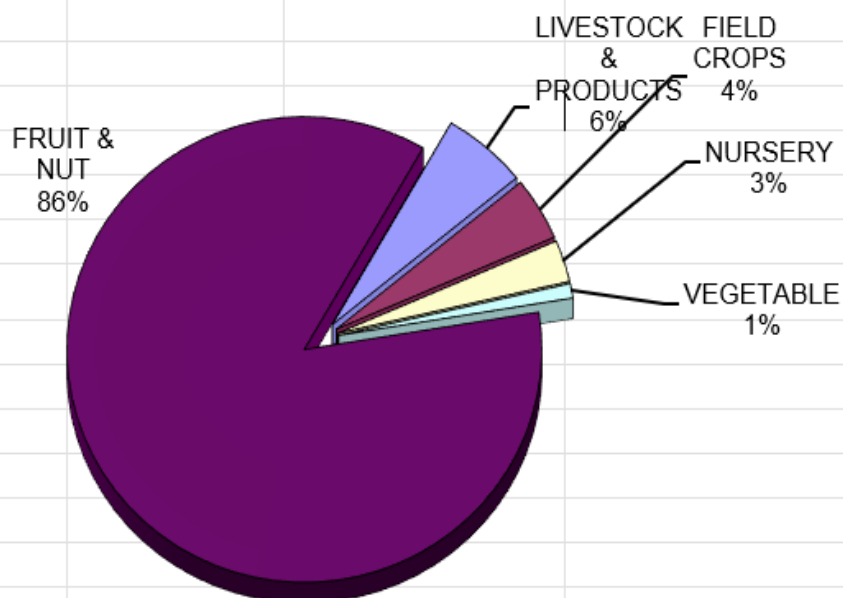
MILLION DOLLAR CROPS

WINE GRAPES	\$ 109,012,000
TIMBER	\$ 113,181,000
PEARS	\$ 17,676,000
CATTLE & CALVES	\$ 7,387,000
COMMERCIAL FISHING	\$ 7,093,073
NURSERY	\$ 4,269,000
PASTURE	\$ 3,426,000
RANGELAND	\$ 1,046,000



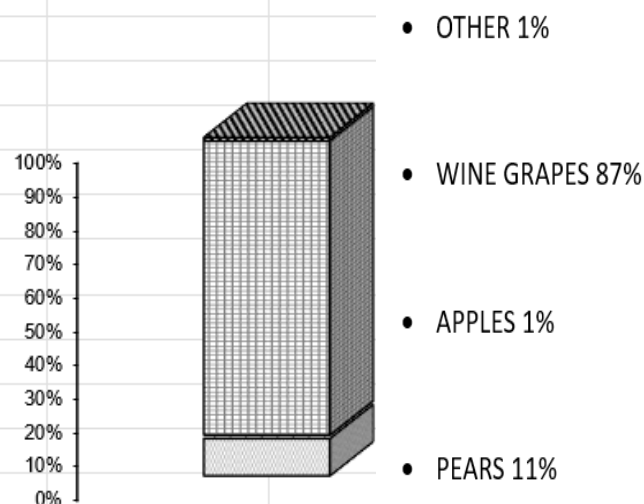
SHARES OF AGRICULTURAL VALUE

ALL AGRICULTURE (EXCLUDING TIMBER)



TOTAL \$ 133,427,635
(Excludes Forest Products)

FRUIT & NUT CROPS



TOTAL \$96,494,357

SUMMARY OF PRODUCTION

<u>COMMODITY</u>	<u>2022</u>	<u>2021</u>
FRUITS AND NUTS	\$ 127,702,000	\$ 96,478,985
LIVESTOCK PRODUCTION	\$ 8,226,000	\$ 18,453,440 **
LIVESTOCK AND POULTRY PRODUCTS	\$ 333,000 *	\$ 1,389,000 *
NURSERY PRODUCTION	\$ 4,269,000	\$ 1,821,000
VEGETABLE CROPS	\$ 1,511,000	\$ 1,387,000
FIELD CROPS	\$ 6,545,000	\$ 13,898,210
FOREST PRODUCTS	\$ 113,181,000	\$ 67,128,681
TOTALS:	\$ 261,767,000	\$ 200,556,316 **

*Milk production values were not available at the time of publication so were not included in the total.

**Revised figure.

FIVE YEAR VALUE COMPARISON

ALL COMMODITIES

YEAR	FRUIT/ NUTS	LIVESTOCK PRODUCTION	LIVESTOCK AND POULTRY PRODUCTS	NURSERY PROD.	VEG PROD.	FIELD CROPS	TOTAL
2022	\$ 127,702,000	\$ 8,226,000	\$695,000	\$ 4,269,000	\$ 1,511,000	\$ 5,873,000	\$ 148,276,000
2021	\$ 96,478,985	\$ 18,453,440	\$1,389,000	\$ 1,821,000	\$ 1,387,000	\$ 13,898,210	\$ 133,427,635
2020	\$ 92,723,750	\$ 18,243,770	\$ 1,430,280	\$ 1,842,000	\$ 1,365,000	\$ 13,415,050	\$ 129,019,850
2019	\$ 114,432,271	\$ 18,575,700	\$ 1,502,720*	\$ 1,769,000	\$ 1,280,000	\$ 13,465,950	\$ 162,036,841
2018	\$ 152,631,600	\$ 18,496,800	\$ 1,389,000*	\$ 1,619,000	\$ 1,120,000	\$ 13,037,960	\$ 188,294,360



TOP TEN GRAPE VARIETY VALUES

VARIETY	Acres Bearing	Acres Total	TONS	VALUE PER TON	TOTAL VALUE
Chardonnay	4,358	4,474	20,822	\$1,398.00	\$29,109,156
Cabernet Sauvignon	3,169	3,202	13,626	\$2,011.00	\$27,401,886
Pinot Noir	2,787	2,842	7,663	\$3,111.00	\$23,839,593
Zinfandel	1,599	1,612	4,193	\$1,806.00	\$7,572,558
Merlot	1,161	1,161	3,375	\$1,456.00	\$4,914,000
Sauvignon Blanc	722	779	3,223	\$1,483.00	\$4,779,709
Petite Sirah	564	570	1,933	\$2,039.00	\$3,941,387
Syrah	533	533	1,528	\$1,862.00	\$2,845,136
Carignane	318	318	751	\$1,742.00	\$1,308,242
Grenache	120	132	467	\$2,196.00	\$1,025,532

*Milk production values were not available at the time of publication so were not included in the total.

SUPPLEMENT TO CROP REPORT: COMMERCIAL FISH CATCH

<u>COMMODITY</u>	<u>TOTAL LBS</u>	<u>TOTAL VALUE</u>
SABLEFISH	1,159,622	\$ 1,409,791
SALMON, CHINOOK	214,040	\$ 1,263,671
SOLE, PETRALE	969,497	\$ 1,167,566
ROCKFISH, CHILIPEPPER	1,314,243	\$ 629,341
CRAB, DUNGENESS	93,007	\$ 497,495
SEA URCHIN, RED	195,056	\$ 415,676
ROCKFISH, BOCACCIO	668,653	\$ 285,571
SOLE, DOVER	644,920	\$ 259,744
LINGCOD	128,889	\$ 183,416
Sea Urchin, Purple	33,286	\$ 130,879
MICELLANEOUS	667,749	\$ 849,923
TOTALS:	6,088,962	\$ 7,093,073

COMMERCIAL FISH CATCH TEN YEAR VALUE COMPARISON



<u>YEAR</u>	<u>POUNDS</u>	<u>VALUE</u>
2022	6,088,962	\$ 7,093,073
2021	5,077,973	\$ 9,062,051
2020	4,442,999	\$ 6,512,952
2019	4,162,260	\$ 6,752,019
2018	4,758,204	\$ 9,322,768
2017	5,316,750	\$ 9,509,163
2016	4,255,270	\$ 7,664,567
2015	6,626,041	\$ 11,174,296
2014	8,857,427	\$ 14,356,515
2013	10,278,045	\$ 17,280,900

UKIAH 100 YEAR RAINFALL DATA

(FROM UKIAH FIRE DEPARTMENT RECORDS)

<u>SEASON</u>	<u>TOTAL</u>	<u>SEASON</u>	<u>TOTAL</u>	<u>SEASON</u>	<u>TOTAL</u>
1914-15	49.28	1954-55	25.63	1994-95	58.88
1915-16	34.80	1955-56	51.09	1995-96	44.10
1916-17	30.23	1956-58	32.36	1996-97	39.07
1917-18	23.43	1956-57	58.87	1997-98	63.95
1918-19	37.23	1958-59	26.42	1998-99	34.77
1919-20	19.05	1959-60	32.60	1999-00	33.81
1920-21	47.94	1960-61	34.89	2000-01	26.68
1921-22	28.74	1961-62	31.46	2001-02	31.74
1922-23	30.35	1962-63	44.45	2002-03	49.70
1923-24	16.19	1963-64	24.96	2003-04	38.99
1924-25	47.44	1964-65	50.84	2004-05	41.46
1925-26	26.33	1965-66	35.46	2005-06	60.39
1926-27	47.32	1966-67	43.16	2006-07	26.15
1927-28	34.94	1967-68	32.95	2007-08	31.64
1928-29	24.44	1968-69	51.28	2008-09	22.68
1929-30	31.08	1969-70	48.71	2009-10	40.51
1930-31	20.06	1970-71	38.31	2010-11	42.78
1931-32	27.67	1971-72	25.61	2011-12	23.50
1932-33	24.71	1972-73	42.09	2012-13	24.05
1933-34	25.21	1973-74	57.09	* 2013-14	28.86
1934-35	33.05	1974-75	38.60	2014-15	26.75
1935-36	37.83	1975-76	18.75	2015-16	35.05
1936-37	29.24	1976-77	14.20	2016-17	51.65
1937-38	55.13	1977-78	53.66	2017-18	23.68
1938-39	22.86	1978-79	30.23	** 2018-19	49.25
1939-40	41.01	1979-80	44.79	2019-20	20.06
1940-41	56.92	1980-81	26.82	2020-21	19.62
1941-42	48.21	1981-82	55.82	2021-22	21.46
1942-43	40.41	1982-83	70.19		
1943-44	26.19	1983-84	43.76		
1944-45	31.74	1984-85	27.40		
1945-46	36.11	1985-86	48.68		
1946-47	25.90	1986-87	25.25		
1947-48	32.93	1987-88	30.22		
1948-49	27.53	1988-89	31.48		
1949-50	29.75	1989-90	26.91		
1950-51	42.28	1990-91	26.00		
1951-52	47.74	1991-92	31.38		
1952-53	45.06	1992-93	50.49		
1953-54	35.74	1993-94	23.73		

FISCAL YEAR DATA

*Starting water year 2013-2014 (October 1 - September 30), data source changed from Ukiah Fire Department records to Ukiah Municipal Airport readings.

**Starting water year 2018-2019 (October 1 - September 30), data source changed from Ukiah Municipal Airport to the Potter Valley weather station.

