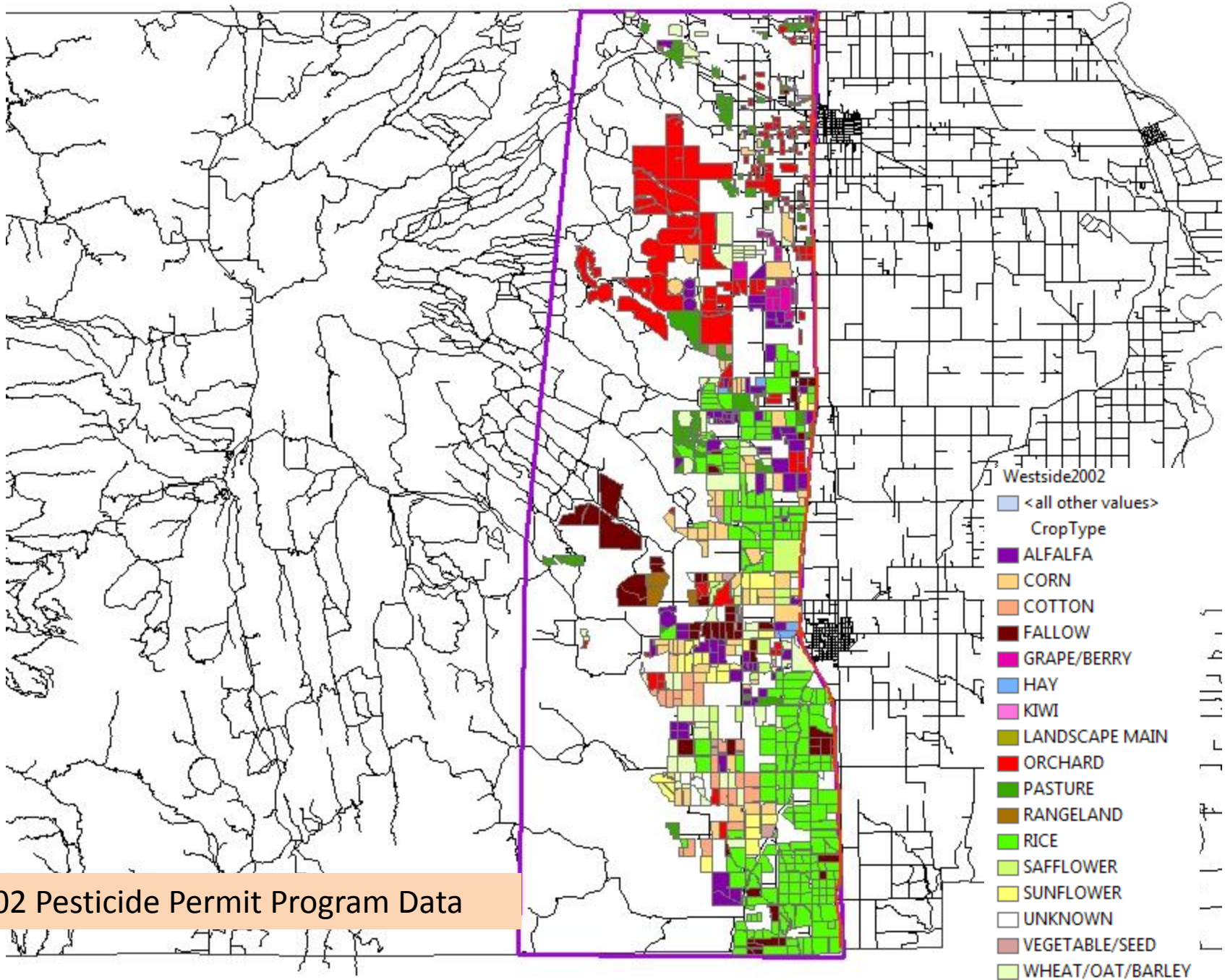


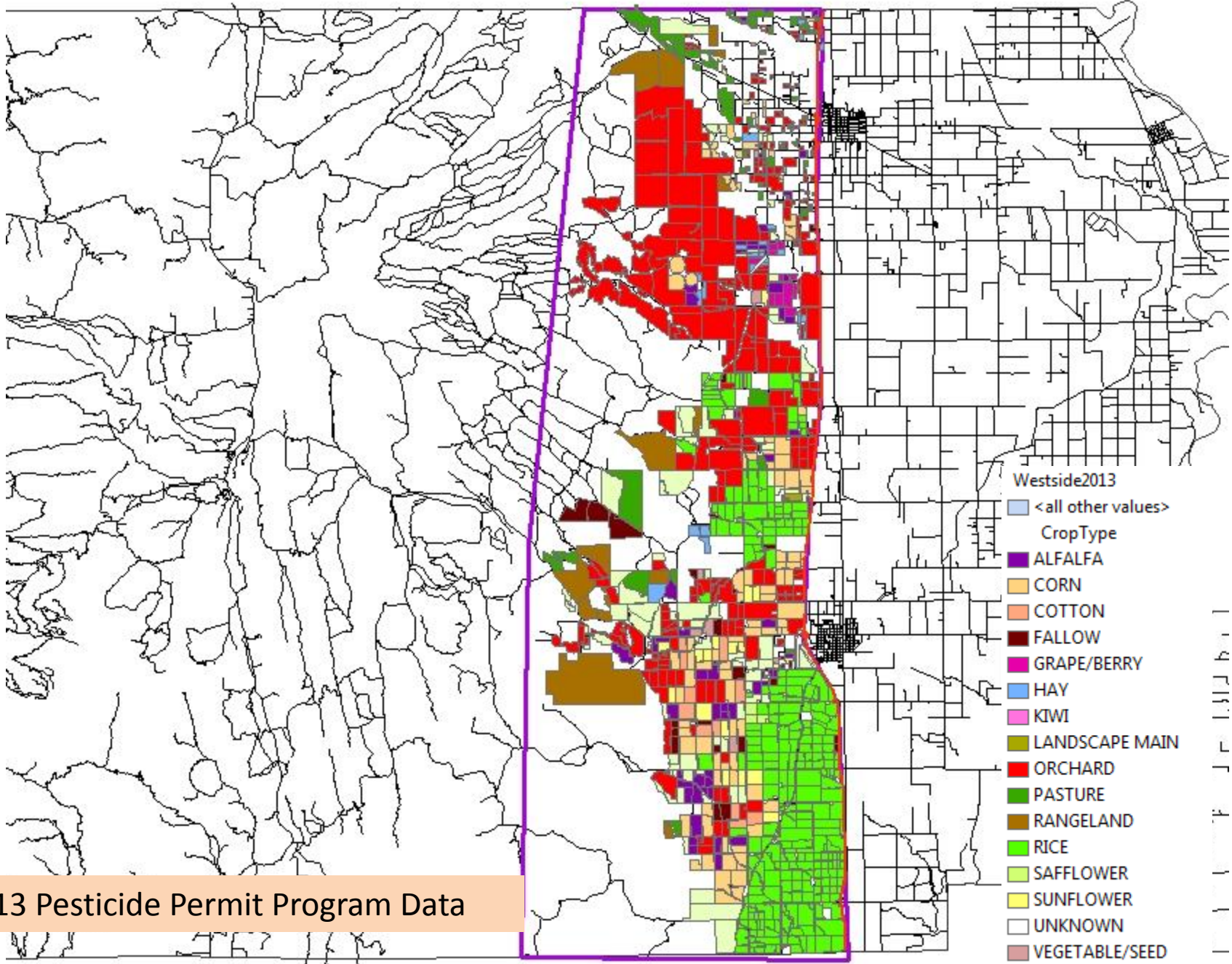
# Joint Water Advisory Committee/Technical Advisory Committee

July 8, 2013





2002 Pesticide Permit Program Data

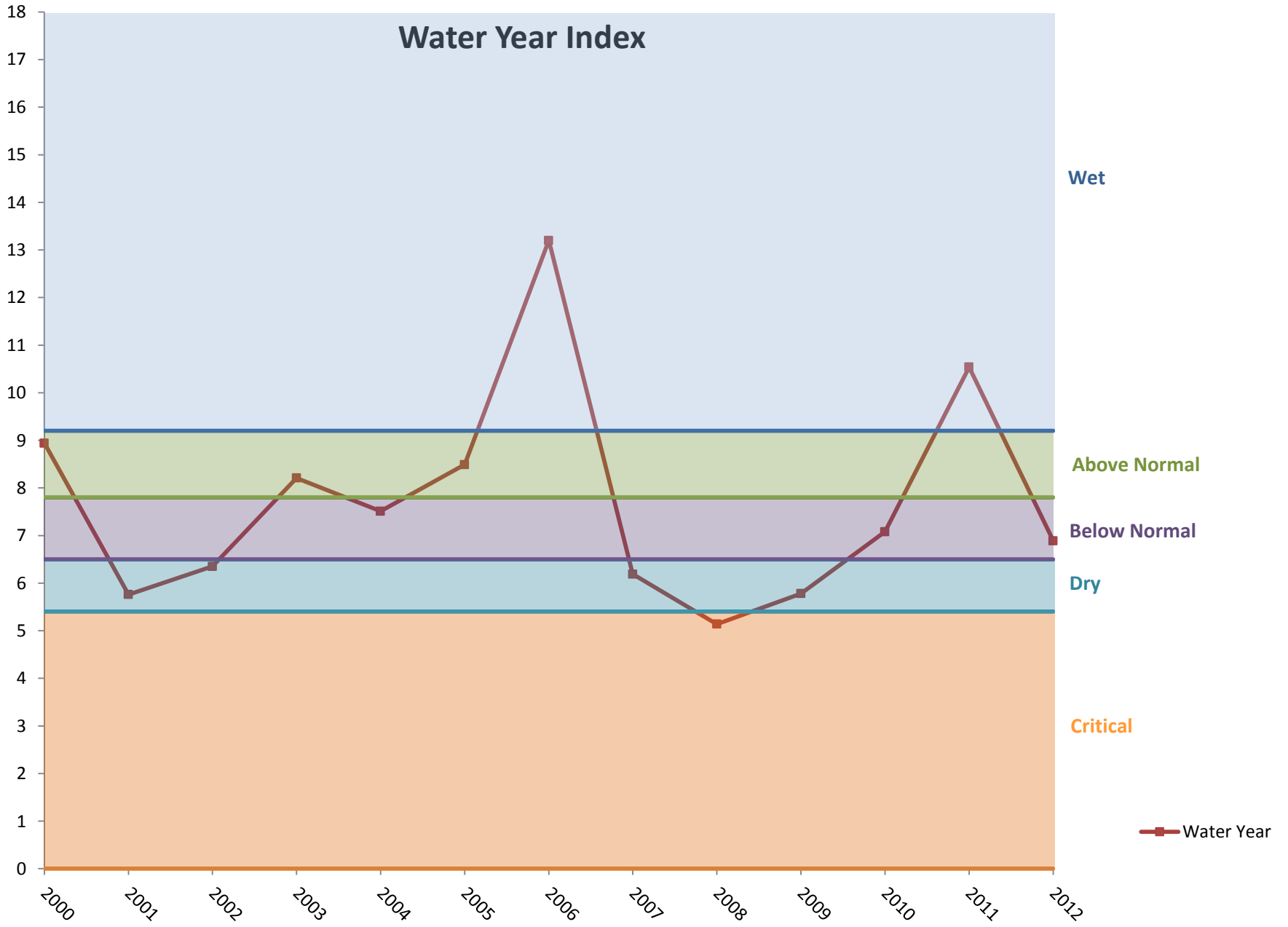


2013 Pesticide Permit Program Data

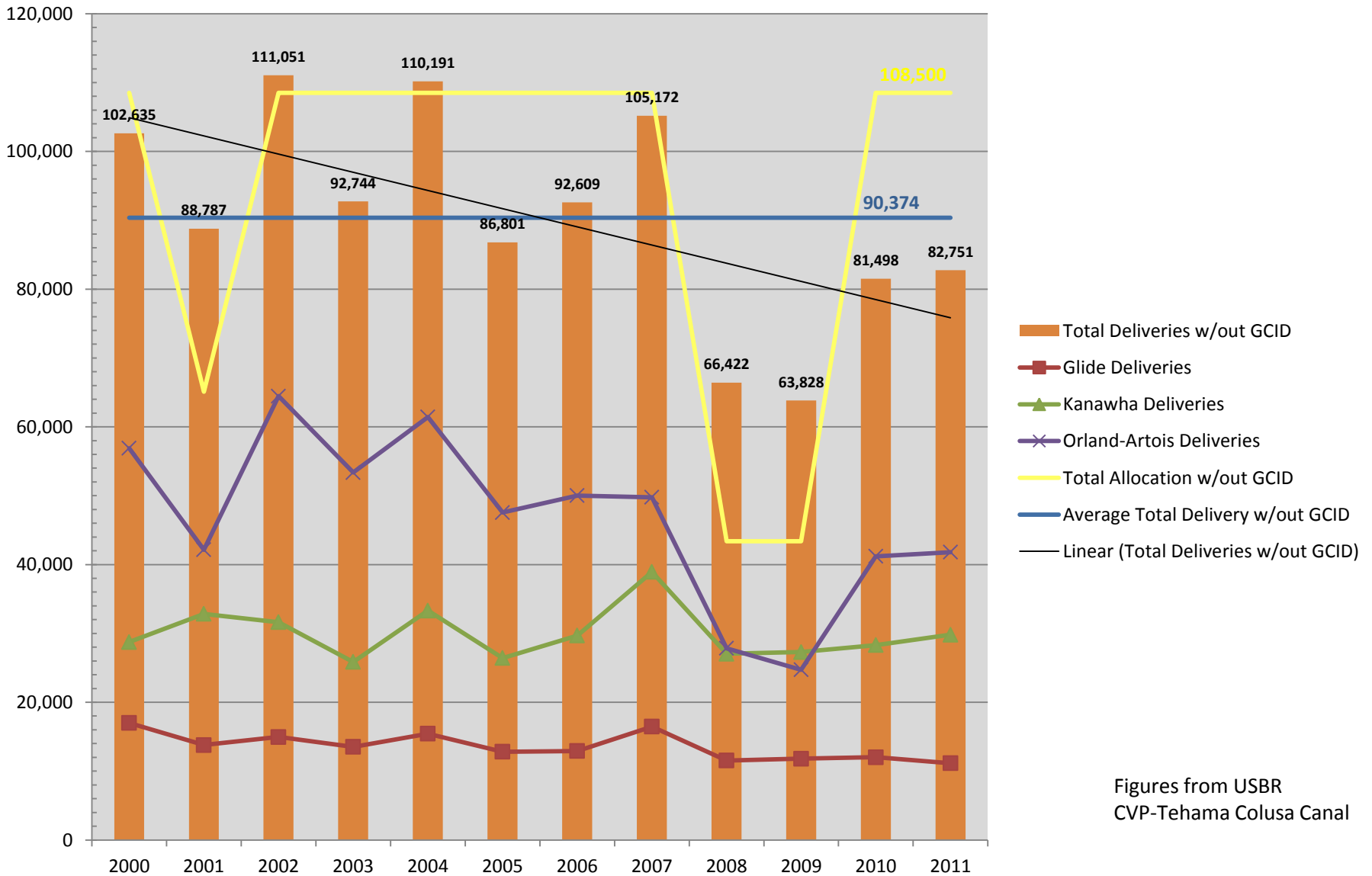
# Additional Westside Acreage 2002 to 2013

- Total agricultural increase 30,090 acres (does not include land listed as fallow or rangeland)
- Major crop increases:
  - Corn + 3,421
  - Grain Crops +3,067
  - Orchard Crops +16,678
  - Pasture +1,687
  - Rice +5,072

# Water Year Index



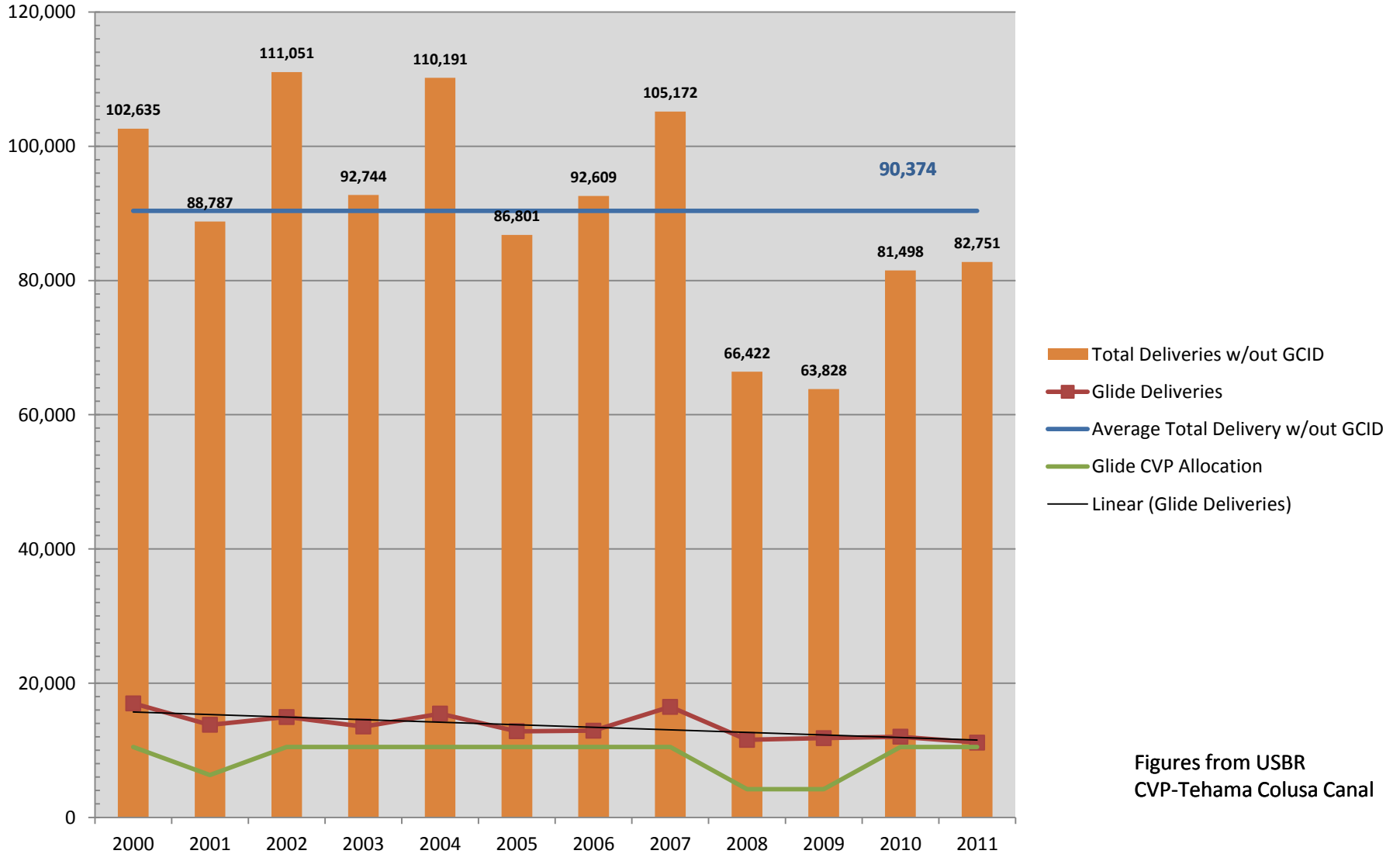
# Tehama Colusa Canal Authority Water Districts Allocations and Deliveries (Glenn County)



Figures from USBR  
CVP-Tehama Colusa Canal



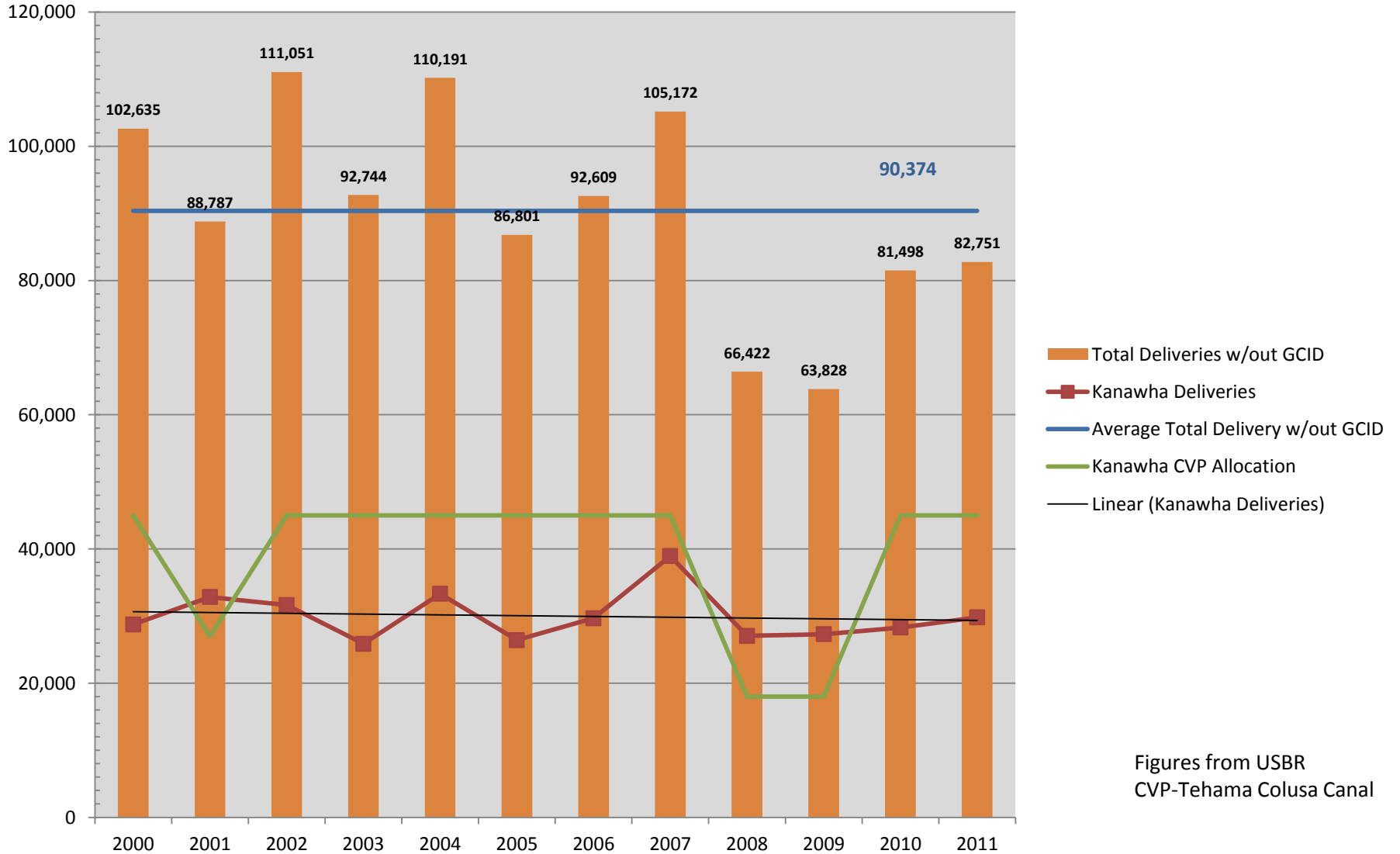
# Glide Water District and Tehama Colusa Canal Authority Water Districts Allocations and Deliveries (Glenn County)



Figures from USBR  
CVP-Tehama Colusa Canal

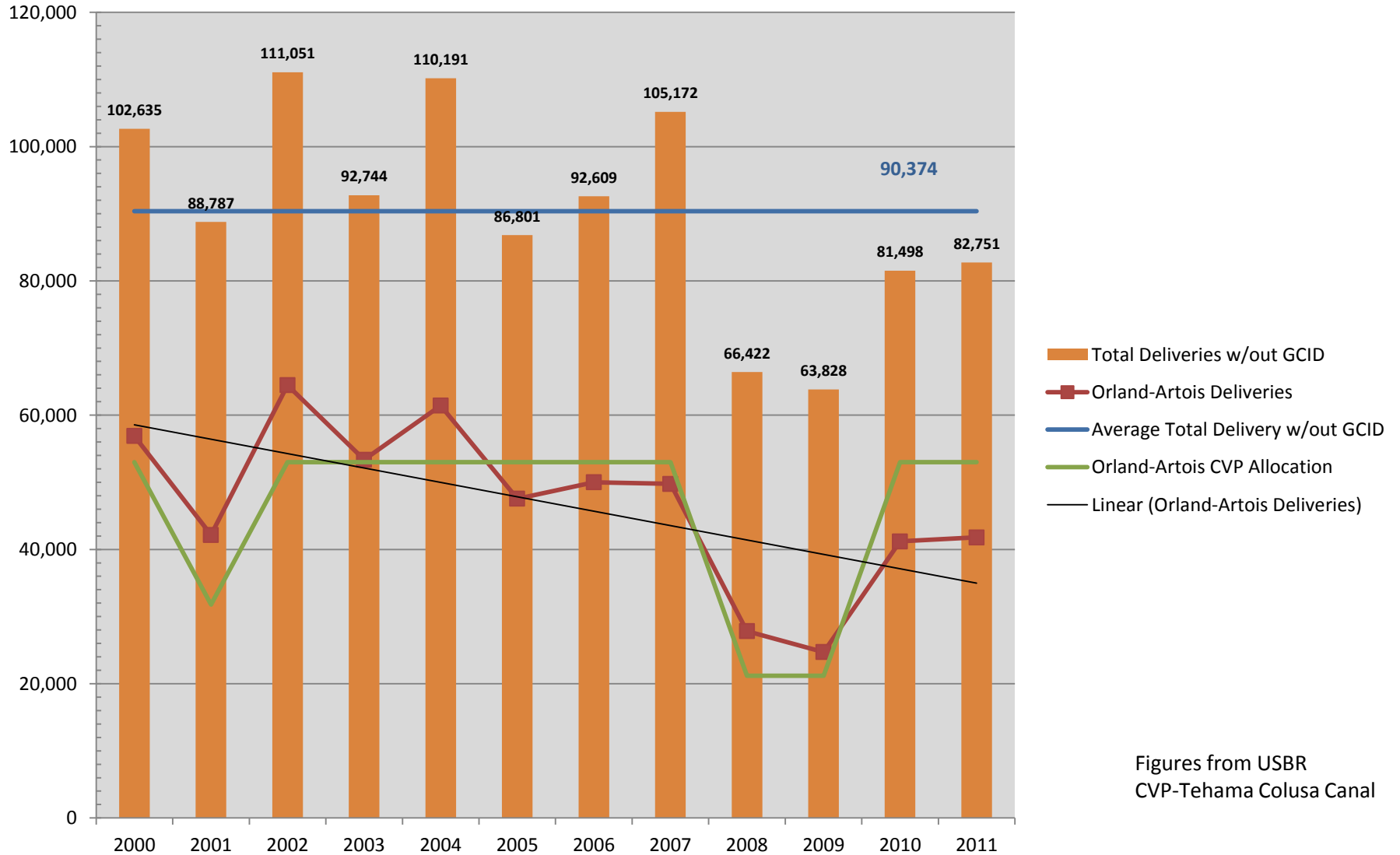


# Kanawha Water District and Tehama Colusa Canal Authority Water Districts Allocations and Deliveries (Glenn County)



Figures from USBR  
CVP-Tehama Colusa Canal

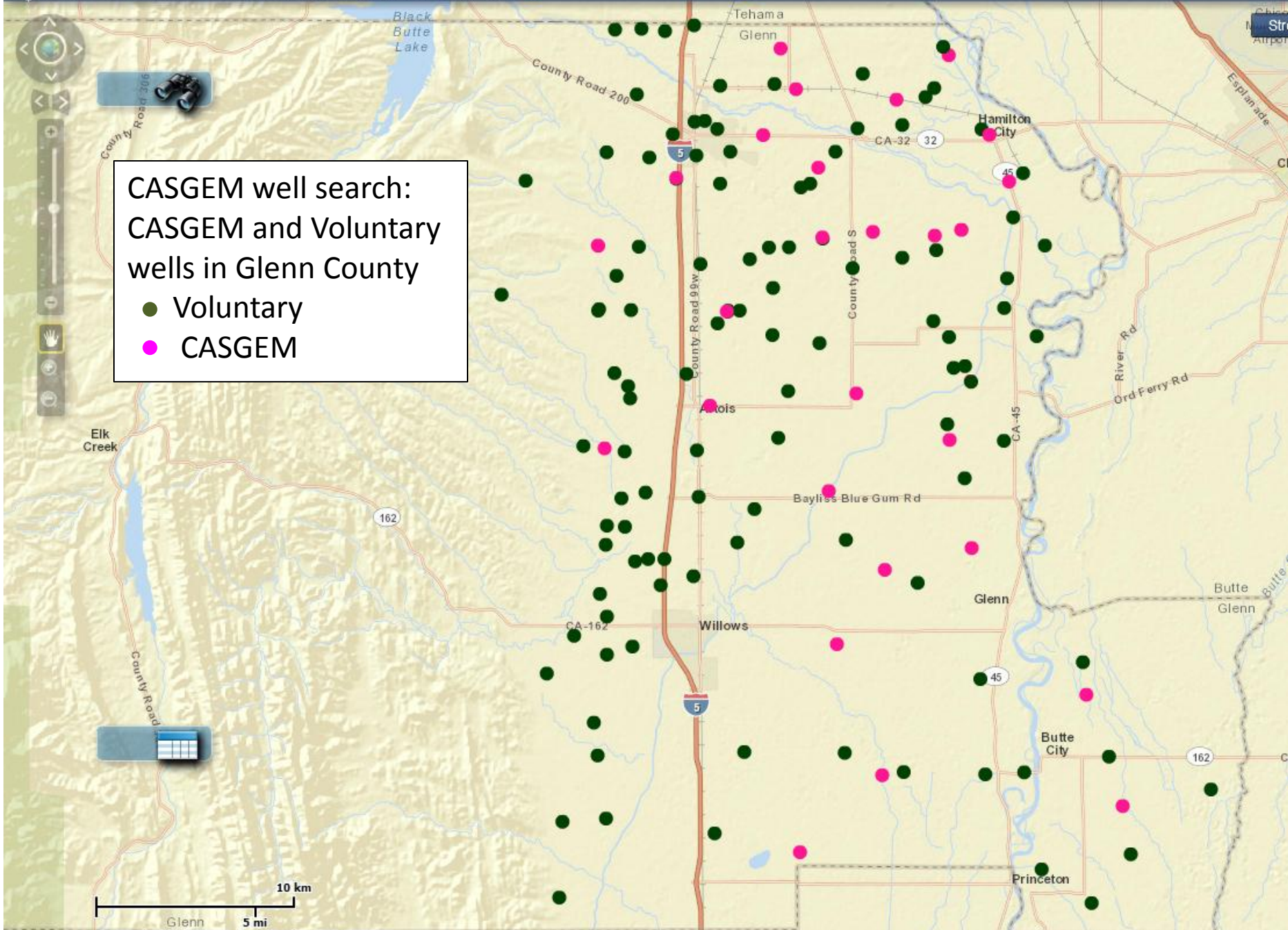
# Orland-Artois Water District and Tehama Colusa Canal Authority Water Districts Allocations and Deliveries (Glenn County)



Figures from USBR  
CVP-Tehama Colusa Canal

CASGEM well search:  
CASGEM and Voluntary  
wells in Glenn County

- Voluntary
- CASGEM



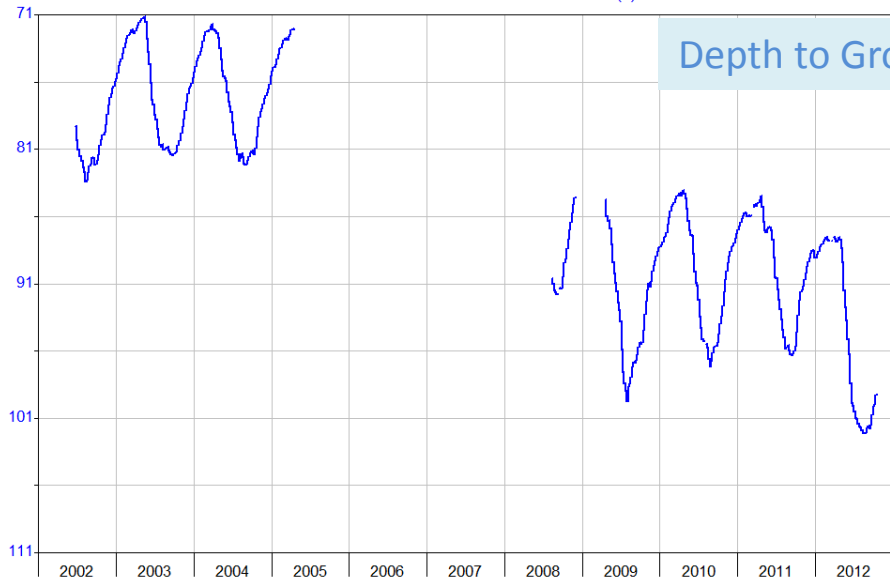
# California Department of Water Resources

HYPLOT V133 Output 01/12/2013

Period 11 Year Plot Start 00:00\_01/01/2002 2002-13

Interval 6 Day Plot End 00:00\_01/01/2013

— 22N03W28P001M Screen: 390-400 ft 111.00 Mean GW below GS (ft)



# 22N03W28P001,02,03M



# N/RD 20 & W/I-5

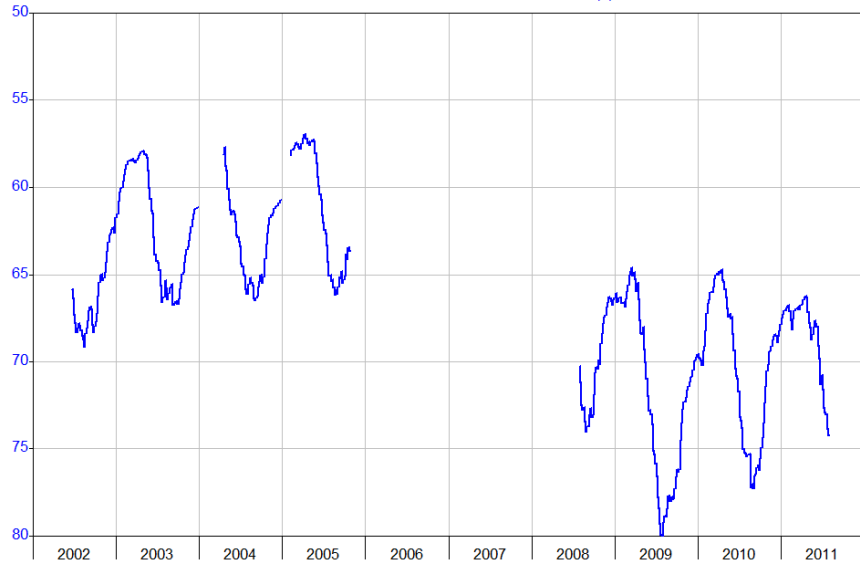
# California Department of Water Resources

HYPLOT V133 Output 01/12/2013

Period 10 Year Plot Start 00:00\_01/01/2002 2002-12

Interval 5 Day Plot End 00:00\_01/01/2012

— 22N03W28P002M Screen: 270-290 ft 111.00 Mean GW below GS (ft)



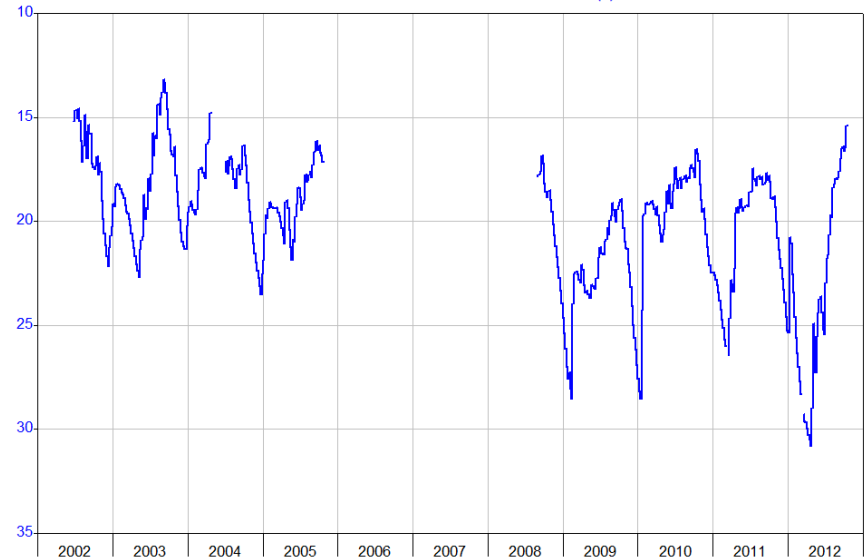
# California Department of Water Resources

HYPLOT V133 Output 01/12/2013

Period 11 Year Plot Start 00:00\_01/01/2002 2002-13

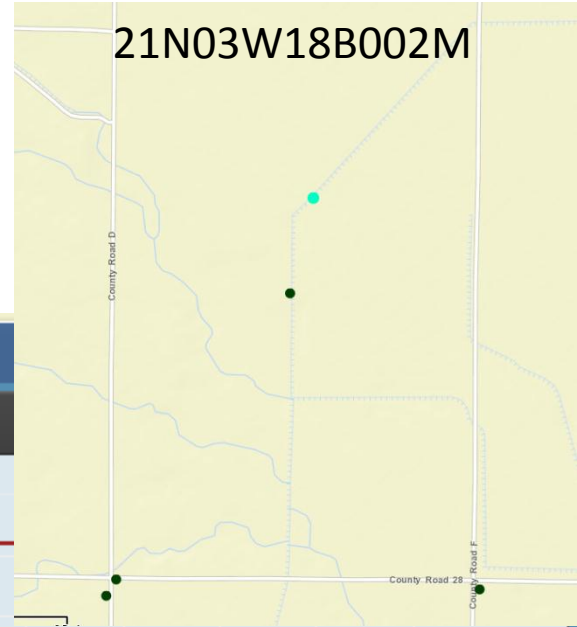
Interval 6 Day Plot End 00:00\_01/01/2013

— 22N03W28P003M Screen: 30-50 ft 111.00 Mean GW below GS (ft)



Identification	
Local Well Designation	21N03W18B002M
Is Local Designation the same as State Well #?	Yes
State Well Number	21N03W18B002M
Master Site Code	396834N1222426W001
Data submittals for this well are under	Voluntary

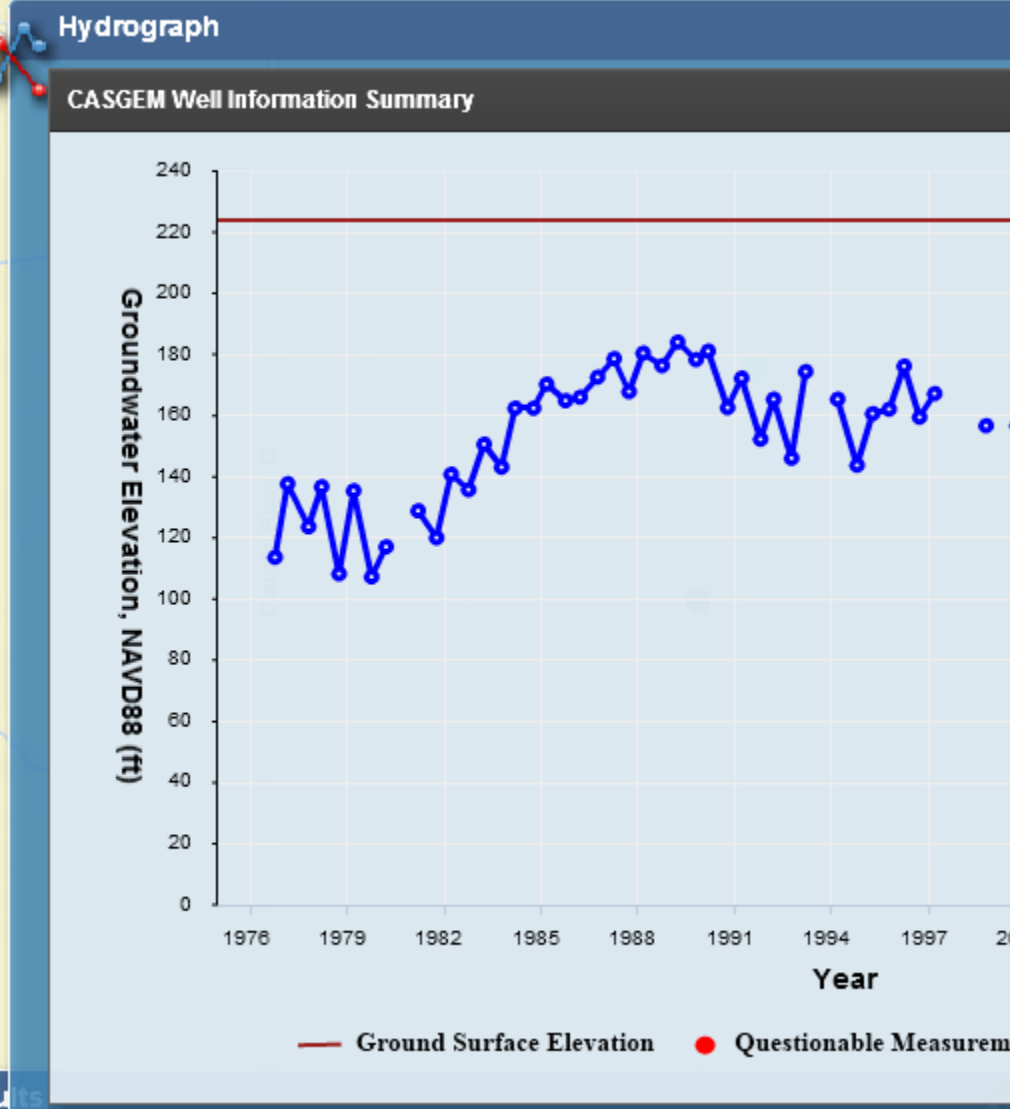
Coordinates	
Latitude	39.6834 North
Longitude	122.2426 West
	<a href="#">View on Map</a>
Method	Unknown
Accuracy	Unknown



Reference and Ground Surface	
RP Elevation	224.48 ft.
Description	None Provided
GS Elevation	224.08 ft.
Method	Unknown
Accuracy	Unknown
Distance from RP	0.40

Well Construction	
Completion Type	Single Well
Well Status	Confidential

Well Usage	
Well Use	Irrigation
Well Status	Active



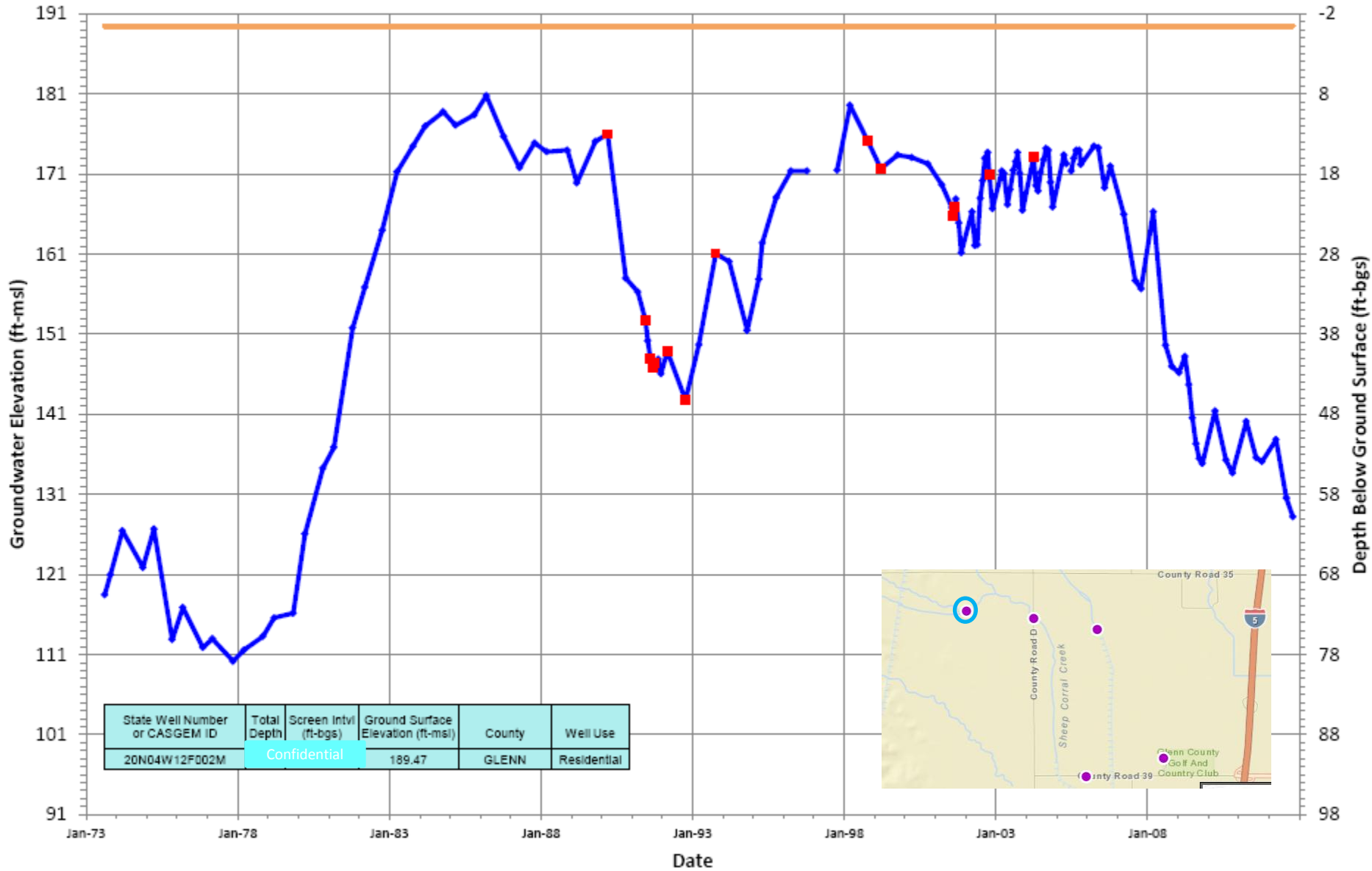
Between RDS 25  
& 28 & W/RD F



20N04W12F002M

Period Of Record: 08/10/1973 to 10/16/2012

Hydrograph Criteria  
Field Book Name is 'Glenn County-Book 1', or Glenn County-Book 2', or Glenn County-Book 3'



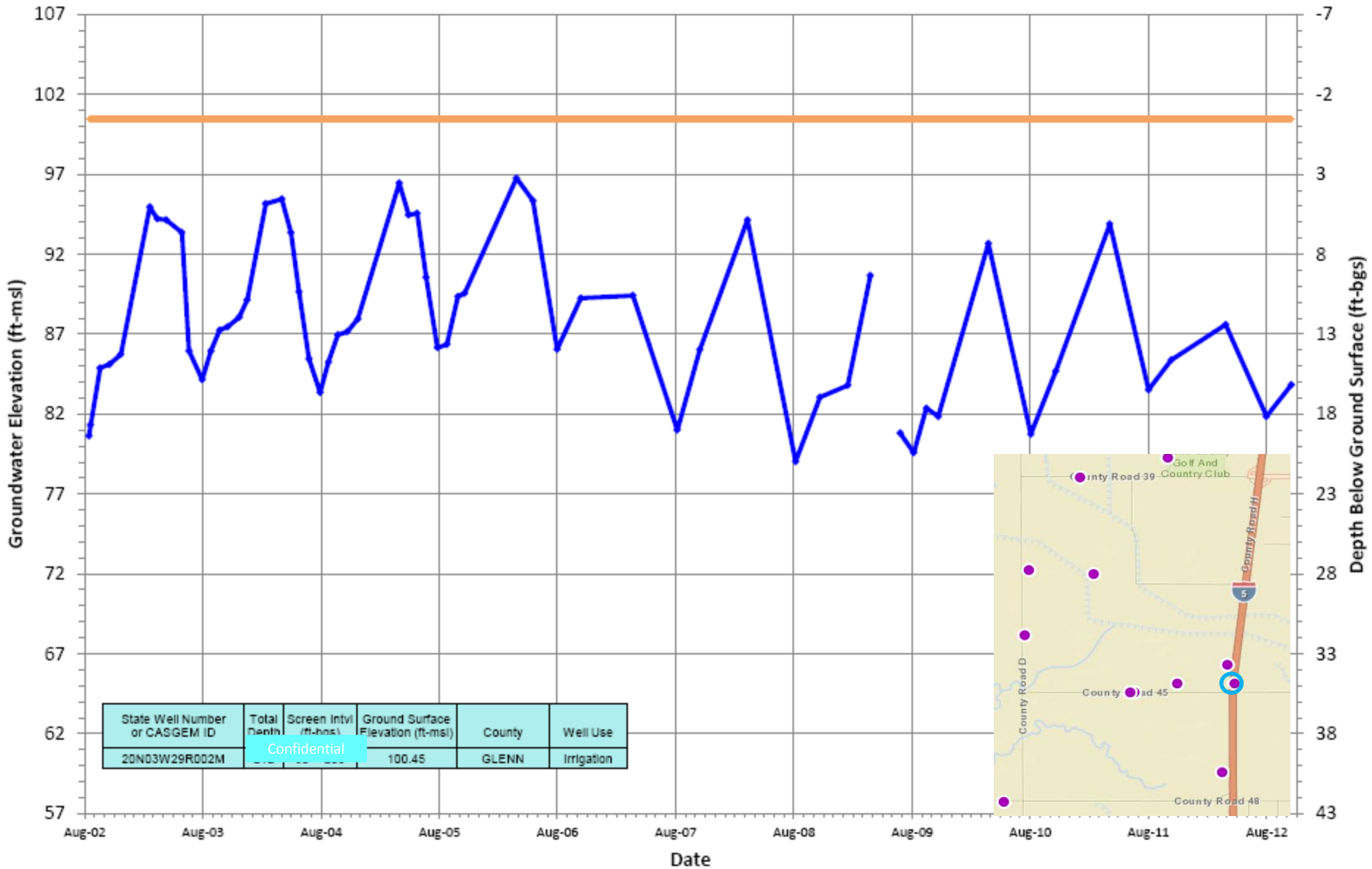
Ground Surface Elevation (ft-msl)    Periodic Measurements    Questionable Measurements

S/RD 35 & W/RD D

20N03W29R002M

Period Of Record: 08/14/2002 to 10/16/2012

Hydrograph Criteria  
Field Book Name is 'Glenn County-Book 1', or Glenn County-Book 2', or Glenn County-Book 3'



N/RD 45 & E/I-5



# California Department of Water Resources

Period 6 Year Plot Start 00:00\_01/01/2007  
Interval 3 Day Plot End 00:00\_01/01/2013

## Depth to Groundwater

# 20N03W07E001,02,03,04M

### S/ RD 35 & E/RD D

### California Department of Water Resources

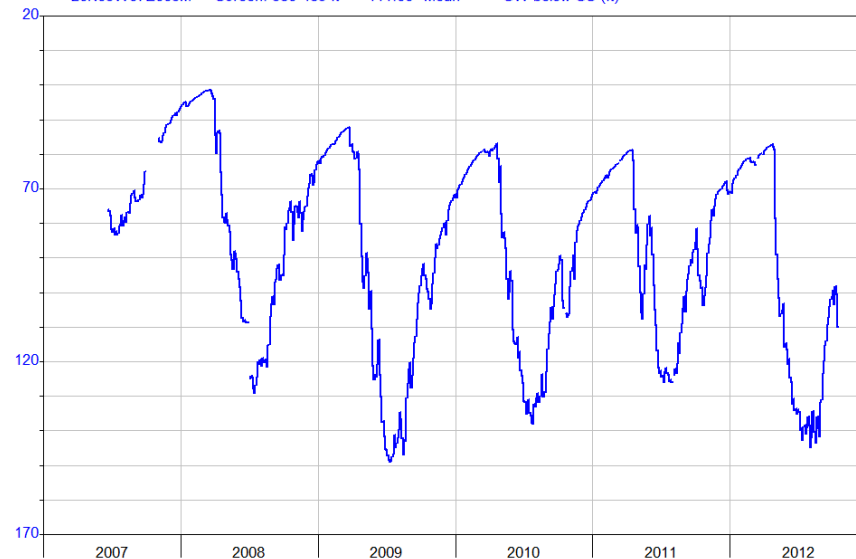
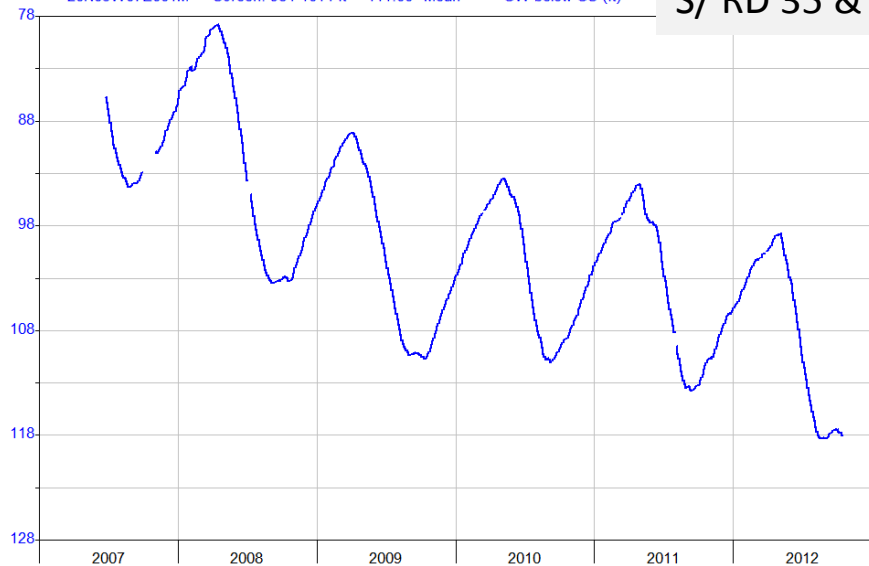
HYPLOT V133 Output 01/12/2013

6 Year Plot Start 00:00\_01/01/2007

2007-13

Interval 3 Day Plot End 00:00\_01/01/2013

— 20N03W07E001M Screen: 984-1014 ft 111.00 Mean GW below GS (ft)



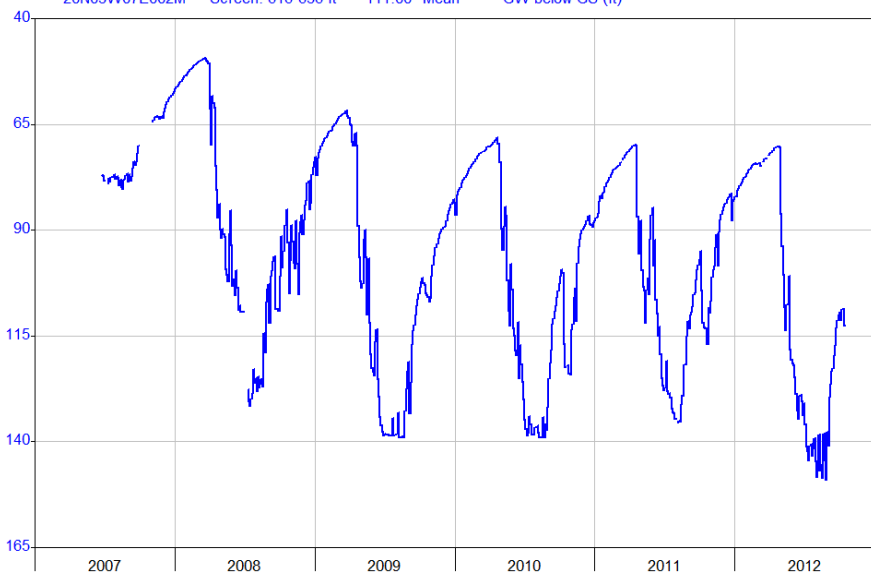
# California Department of Water Resources

HYPLOT V133 Output 01/12/2013

2007-13

Period 6 Year Plot Start 00:00\_01/01/2007  
Interval 3 Day Plot End 00:00\_01/01/2013

— 20N03W07E002M Screen: 616-636 ft 111.00 Mean GW below GS (ft)



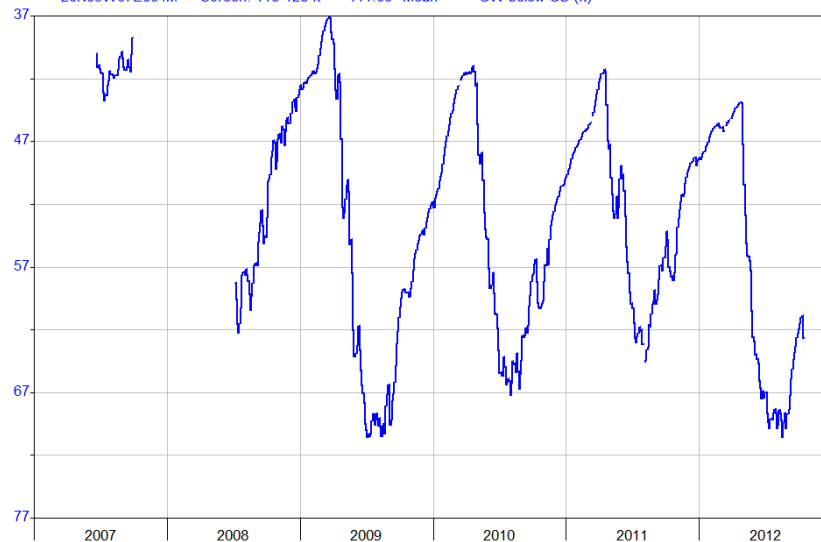
# California Department of Water Resources

HYPLOT V133 Output 01/12/2013

2007-13

Period 6 Year Plot Start 00:00\_01/01/2007  
Interval 3 Day Plot End 00:00\_01/01/2013

— 20N03W07E004M Screen: 118-128 ft 111.00 Mean GW below GS (ft)



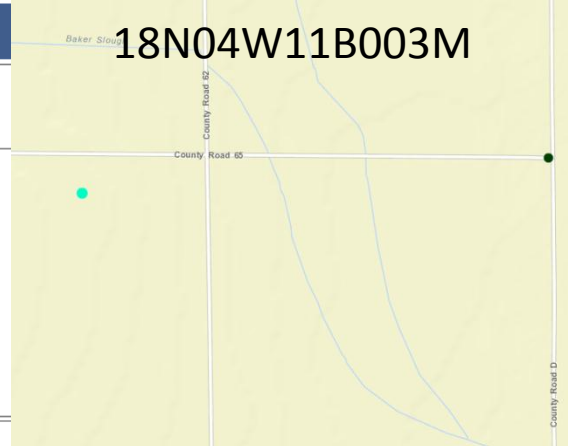
View Well Data

Identification

Local Well Designation	18N04W11B003M
Is Local Designation the same as State Well #?	Yes
State Well Number	18N04W11B003M
Master Site Code	394347N1222744W001
Data submittals for this well are under	Voluntary

Coordinates

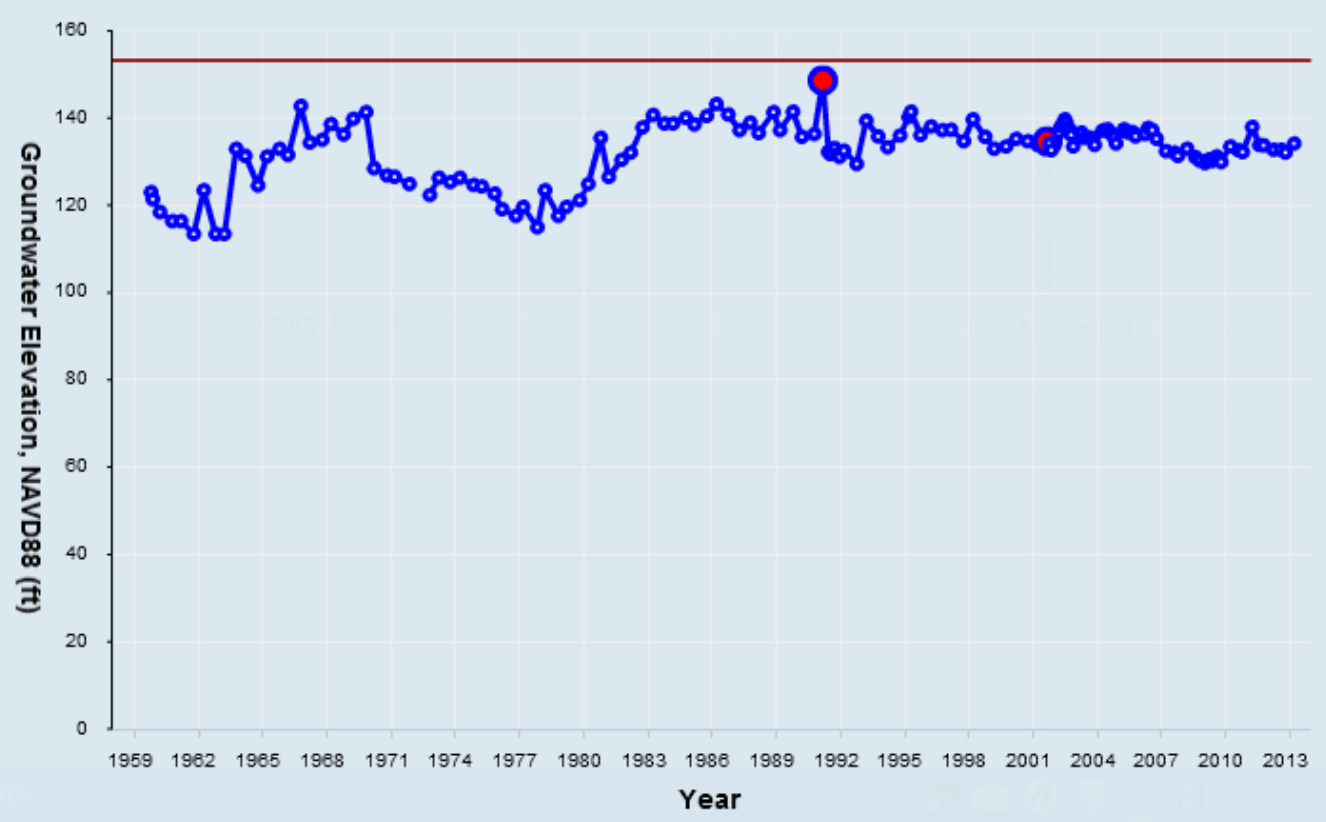
Latitude	39.4347 North
Longitude	122.2744 West
	<a href="#">View on Map</a>
Method	GPS
Accuracy	30 ft.



Reference and Ground Surface

RP Elevation	153.49 ft.
Description	None Provided
GS Elevation	153.49 ft.
Method	USGS quad
Accuracy	5 ft.
Distance from RP	0.00

CASGEM Well Information Summary



Well Usage

Well Use	Residential
Well Status	Active

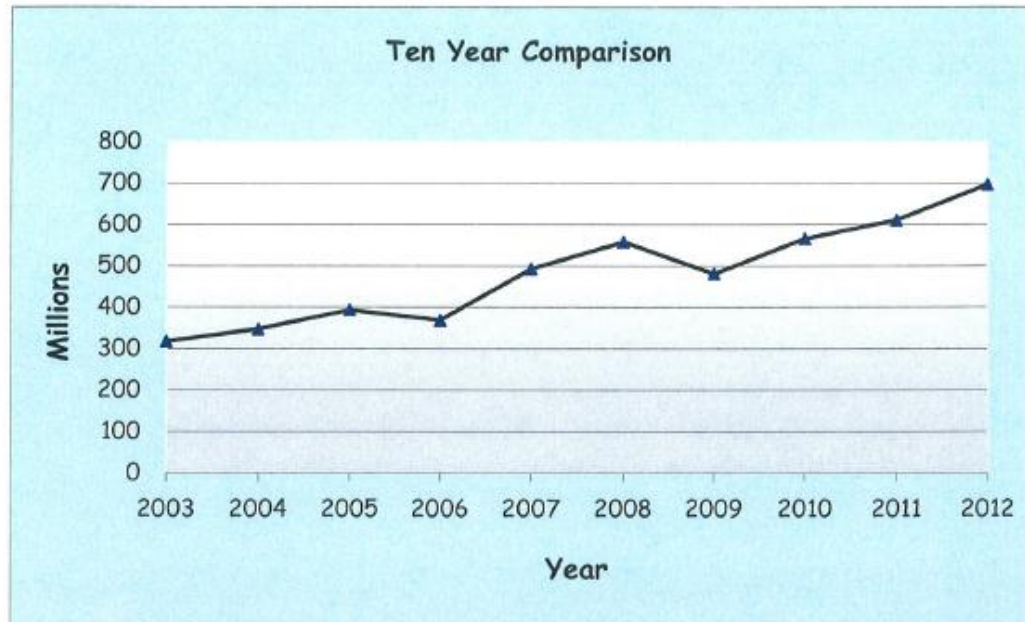
# TEN YEAR PRODUCTION COMPARISON

2003 - 2012

Gross figures

<u>Year</u>	<u>Grand Total</u>
2012	\$697,030,000
2011	\$611,358,000 *
2010	\$566,241,000
2009	\$481,677,000
2008	\$558,760,000
2007	\$493,848,000
2006	\$369,014,000
2005	\$394,212,000
2004	\$348,138,000
2003	\$318,042,000

\* Revised figure from \$681,888,000



*Cultivators of the earth are the most valuable citizens. They are the most vigorous, the most independent, the most virtuous, and they are tied to their country and wedded to it's liberty and interests by the most lasting bands.*

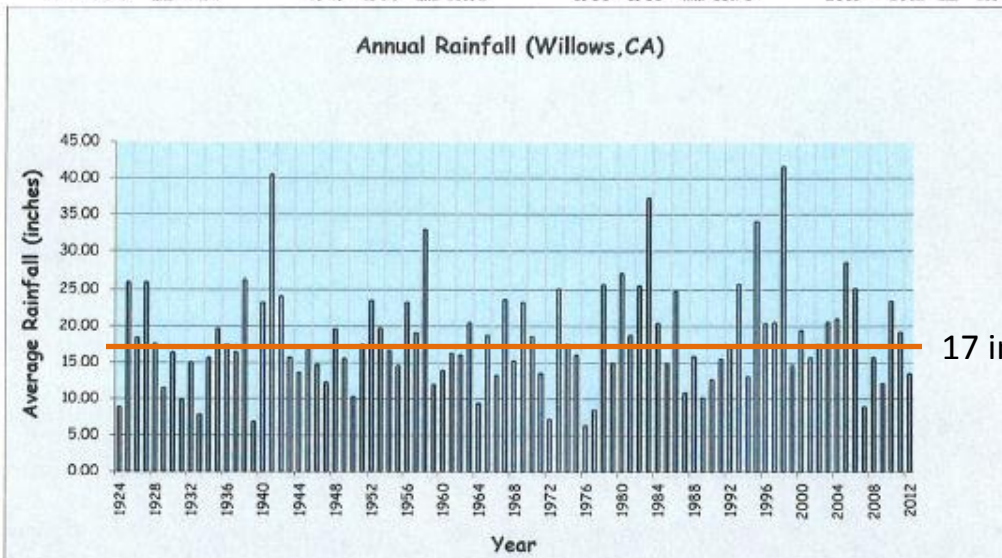
- Thomas Jefferson

2012 Glenn County  
Annual Crop and  
Livestock Report

# ANNUAL RAINFALL at WILLOWS, CALIFORNIA

Year	Inches	Year	Inches	Year	Inches	Year	Inches
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	10.44	1956 - 1957	19.11	1987 - 1988	15.06
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
1910 - 1911	17.75	1941 - 1942	24.07	1972 - 1973	25.11	2003 - 2004	21.07
1911 - 1912	11.26	1942 - 1943	15.68	1973 - 1974	17.45	2004 - 2005	28.39
1912 - 1913	13.18	1943 - 1944	13.52	1974 - 1975	16.03	2005 - 2006	25.17
1913 - 1914	29.18	1944 - 1945	16.94	1975 - 1976	6.30	2006 - 2007	8.93
1914 - 1915	27.19	1945 - 1946	14.72	1976 - 1977	8.46	2007 - 2008	15.71
1915 - 1916	18.11	1946 - 1947	12.28	1977 - 1978	25.72	2008 - 2009	12.12
1916 - 1917	11.43	1947 - 1948	19.56	1978 - 1979	14.97	2009 - 2010	23.46
1917 - 1918	11.90	1948 - 1949	15.59	1979 - 1980	26.95	2010 - 2011	19.25
1918 - 1919	12.90	1949 - 1950	10.32	1980 - 1981	18.76	2011 - 2012	13.47

Annual rainfall  
July to June



17 inches

Valley floor 50  
year average =  
17 inches per  
year

2012 Glenn County  
Annual Crop and  
Livestock Report