

Groundwater Elevation Change October 2016 to October 2017

Well Count		Change (ft.)	SIU
109	Average GWL Change	3	
	Median GWL Change	3	
89	Average Increase	4	
	Median Increase	4	
	Max Increase	12	<i>Vina</i>
20	Average Decrease	-2	
	Median Decrease	-1	
	Max Decrease	-11	<i>Butte Sink</i>

****Questionable Measurements not included**

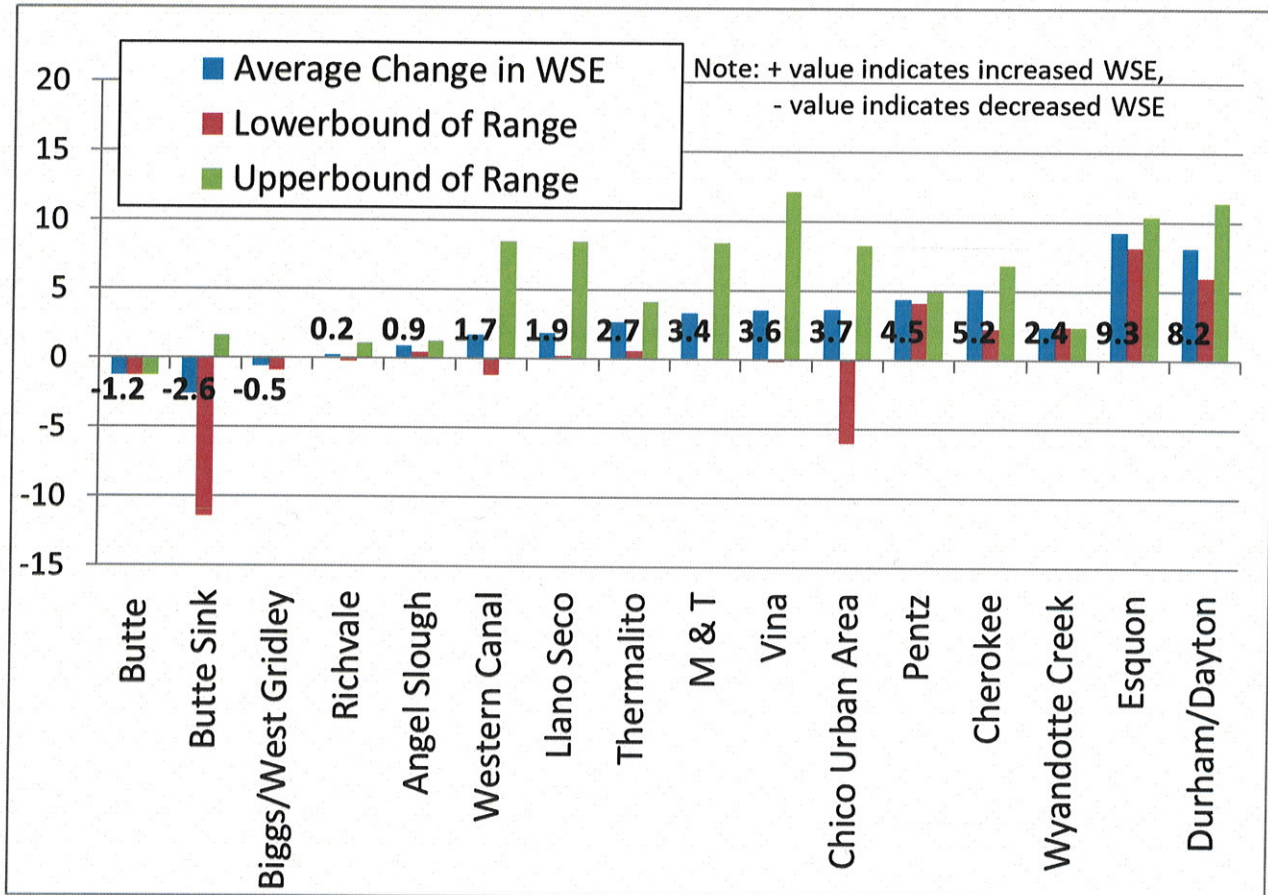


Figure 1. Minimum, average, and maximum Fall 2016 to Fall 2017 change in Water Surface Elevation (WSE) in each sub-region with average change labeled.

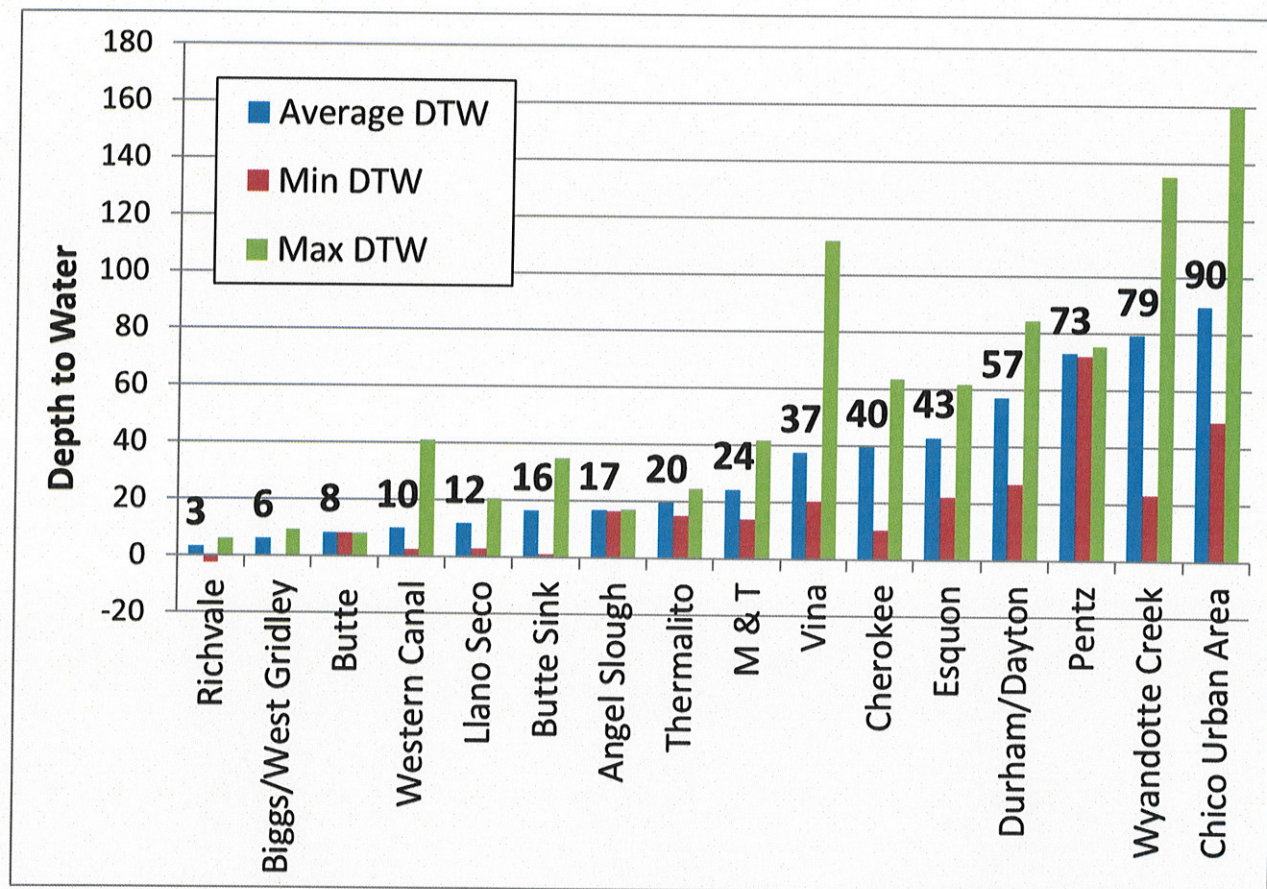


Figure 2. Fall 2017 Average, Minimum, and Maximum Depth to Water (DTW) in each sub-region with average DTW labeled.

BMO Data Summary

Fall 2008-2017 Groundwater Elevations - CASGEM

Fall 2008-2017 Groundwater Elevations - CASSE																				
Sub Basin	Sub-Inventory Unit	Monitoring Wells	Well Type	Well Depth	First Record	Groundwater Elevations										Analysis				
						Fall 2008 Water Surface Elevation (WSE) (Elev. ft)	Fall 2009 Water Surface Elevation (WSE) (Elev. ft)	Fall 2010 Water Surface Elevation (WSE) (Elev. ft)	Fall 2011 Water Surface Elevation (WSE) (Elev. ft)	Fall 2012 Water Surface Elevation** (WSE) (Elev. ft)	Fall 2013 Water Surface Elevation (WSE) (Elev. Ft)	Fall 2014 Water Surface Elevation (WSE) (Elev. Ft)	Fall 2015 Water Surface Elevation (WSE) (Elev. Ft)	Fall 2016 Water Surface Elevation (WSE) (Elev. Ft)	Fall 2017 Water Surface Elevation (WSE) (Elev. Ft)	Fall BMO Stage 1 Alert Level (Elev. ft)	Fall BMO Stage 2 Alert Level (Elev. ft)	Elevation Above (+) or Below (-) Alert Stage 1 (ft)	Change Fall 2016 to Fall 2017 (ft)	Fall 2017 Depth to Water (ft)
Biggs/West Gridley*	17N01E10A001M	D	S	1953	52.9	55.3	55.2	57.0	NM	56.1	57.5	52.8	57.2	56.3	34.0	28.1	22.3	-0.9	9.0	
	18N01E3S001M	M	D	2005	69.2	67.2	68.0	71.8	69.0	69.7	67.8	69.0	69.9	69.9	a			0.04	0.1	
	18N02E16F001M	I	S	1947	75.9	75.9	75.7	76.5	77.8	76.3	76.5	75.4	76.7	75.9	74.8	74.2	1.1	-0.8	6.4	
	18N02E32H001M	D	S	2001	NM	NM	NM	NM	82.1	80.9	81.1	80.1	78.9	80.5	80.0	67.9	64.0	12.1	-0.5	9.3
Butte*	17N02E14A001M	I	S	1947	78.1	80.6	77.8	78.4	77.9	76.9	77.5	75.3	77.6	76.4	72.9	70.1	68.0	1.8		
	17N02E14H001M	D	S	2000	75.3	75.8	75.4	76.9	74.9	NM	74.5	65.9	74.0	74.0	66.0	54.3	3.5	-1.2	8.4	
	17N03E16N001M	D	S	1953	74.8	74.1	74.5	75.7	74.4	73.7	72.5	NM	NM	NM	74.0	73.2	1.1			
	17N01E17F001M	M	S	1992	51.9	52.3	50.8	51.3	51.6	50.1	47.0	43.5	48.3	49.1	50.9	47.5	-1.8	0.8	NM	
Butte Sink	17N01E17F003M	M	I	1992	50.6	51.0	48.9	49.8	49.8	51.7	47.2	44.2	44.9	46.1	51.1	47.4	-3.0	1.3	13.3	
	17N01E24A003M	M	D	2007	70.7	67.4	68.6	47.6	48.8	51.3	48.6	42.7	35.3	44.0	45.7	51.0	47.0	-5.3	1.7	13.7
	17N01E24A004M	M	I	2007	28.2	22.9	27.2	27.2	71.1	68.3	66.7	62.9	70.1	71.6	b			1.5	1.3	
	17N01E24A005M	M	I	2007	28.5	23.1	27.4	27.4	41.7	29.9	23.3	21.0	49.1	37.7				-11.4	35.1	
Cherokee	17N01E24A006M	M	S	2007	68.4	68.3	67.3	67.1	69.1	68.6	67.7	66.4	67.2	66.7				-11.4	35.1	
	17N02E19J001M	I	S/I	2000	NM	NM	66.1	67.2	NM	NM	NM	NM	67.2	66.7				-0.5	6.2	
	20N02E24C001M	M	S	1999	112.2	111.5	110.7	114.9	109.8	105.9	99.3	95.8	98.1	105.1	113.6	108.8	-8.6	6.9	NM	
	20N02E24C002M	M	I	1999	112.1	111.6	112.1	115.0	109.9	105.1	99.4	96.0	98.3	105.0	113.4	107.8	-8.4	6.7	52.7	
Esquon	20N02E24C003M	M	S	1999	112.1	111.5	110.9	114.9	109.9	105.2	99.4	96.1	98.8	105.0	113.5	107.9	-8.6	6.2	52.8	
	20N03E31M001M	M	S	2001	109.2	108.1	105.7	105.8	106.0	104.2	103.9	99.3	102.8	108.9	111.4	106.5	-2.5	5.1	24.1	
	21N03E22C001M	D	S	2001	361.5	365.0	367.1	363.2	354.3	365.9	358.8	360.0	366.0	371.9	116.7	113.3	-4.8	3.0	39.4	
	21N03E29J003M	D	S/I	2007	NM	216.5	212.2	NM	NM	205.1	NM	217.6	NM	210.7	357.9	347.9	14.0	5.9	10.5	
Pentz	21N03E32B001M	I	S	1999	218.8	218.1	218.3	222.1	218.3	224.1	216.1	215.8	215.6	217.9	c				63.6	
	20N02E08H003M	D	S	2008	116.4	116.5	117.7	117.9	100.4	NM	109.9	NM	NM	110.0	218.6	215.3	-0.7	2.3	20.5	
	20N02E09G001M	M	S	2001	105.7	NM	106.8	113.6	100.6	103.8	98.3	96.6	95.7	103.9	108.9	97.5	-5.0	8.2	22.3	
	21N02E20P001M	I	I	1953	109.7	108.6	110.9	112.5	109.7	106.4	105.1	97.2	104.4	109.9	112.1	106.8	-2.2		44.9	
Richvale*	21N02E26E003M	M	D	2007	107.9	108.4	106.4	114.1	106.4	99.0	98.2	94.1	95.9	106.3	108.7	87.7	-2.4	10.4	61.8	
	21N02E26E004M	M	I	2007	94.4	108.9	104.7	118.3	103.6	111.3	108.3	103.4	108.4	110.5	e			4.1	71.7	
	21N02E26E005M	M	I	2007	98.8	104.2	101.7	117.0	100.7	110.3	108.1	102.4	108.1	110.5	110.0			4.4	71.7	
	21N02E26E006M	M	S	2007	108.9	108.0	107.6	113.5	107.1	105.5	104.6	102.7	102.6	107.0				4.9	72.3	
Richvale*	18N01E13A002M	I	S/I	2001	75.6	75.2	74.3	74.7	74.3	74.6	75.7	72.1	74.8	74.6				4.4	75.3	
	18N01E15D002M	D	S	1976	68.7	62.9	40.5	41.2	52.8	68.1	61.2	35.3	70.0	70.2				-0.2	4.7	
	19N01E27Q001M	M	I	1978	83.1	82.6	82.2	83.1	81.2	82.7	83.0	76.8	82.1	82.2				0.2	2.2	
	19N01E35B001M	M	S	2002	83.6	83.4	81.7	82.2	81.5	82.0	83.6	80.1	81.8	82.0				0.1	5.2	
Richvale*	19N01E35B002M	M	D	2005	88.8	88.3	88.6	89.9	88.3	88.3	87.1	81.9	87.8	88.9				0.2	4.5	
	19N01E35B003M	M	I	2005	83.8	82.7	83.1	84.2	82.9	83.5	82.9	76.0	82.6	83.0				1.1	-2.4	
	19N02E15N002M	I	U	2000	101.2	100.9	101.1	102.9	101.0	101.3	100.9	100.1	101.5	101.4				0.4	3.5	
																		-0.1	6.0	

No Fall BMO**

Well Type
D-Drainage, Irrigation
M-Monitoring, Water Level and Industrial
S-Shallow, Intermediate
D-Deep

Sub Basin	Sub-InVENTORY Unit	Monitoring Wells	Well Type	Well Depth	First Record	Groundwater Elevations											Analysis			
						Fall 2008 Water Surface Elevation (WSE) (Elev. ft)	Fall 2009 Water Surface Elevation (WSE) (Elev. ft)	Fall 2010 Water Surface Elevation (WSE) (Elev. ft)	Fall 2011 Water Surface Elevation (WSE) (Elev. ft)	Fall 2012 Water Surface Elevation** (WSE) (Elev. ft)	Fall 2013 Water Surface Elevation (WSE) (Elev. ft)	Fall 2014 Water Surface Elevation (WSE) (Elev. ft)	Fall 2015 Water Surface Elevation (WSE) (Elev. ft)	Fall 2016 Water Surface Elevation (WSE) (Elev. ft)	Fall 2017 Water Surface Elevation (WSE) (Elev. ft)	Fall BMO Stage 1 Alert Level (Elev. ft)	Fall BMO Stage 2 Alert Level (Elev. ft)	Elevation Above (+) or Below (-) Alert Stage 1 (ft)	Change Fall 2016 to Fall 2017 (ft)	Fall 2017 Depth to Water (ft)
EAST BUTTE	Thermalito	18N03E08B003M	I	S/I	2001	95.2	NM	88.6	99.0	97.3	96.4	94.6	94.8	96.8	97.4	91.7	83.8	5.7	0.6	14.9
		18N03E21G001M	I	S	1953	82.2	83.9	85.1	87.0	85.3	83.6	82.7	82.3	83.0	87.2	83.5	81.2	3.7	4.2	19.1
		19N03E05D002M	D	S	1987	119.7	117.0	115.1	119.8	117.9	114.7	113.6	113.7	114.2	117.6	109.2	92.4	8.4	3.4	24.7
		19N03E16C001M	D	S	2000	137.4	138.0	138.0	139.3	138.8	137.6	139.3	139.4	140.0	NM	NM	136.3			NM
		19N01E09G001M	I	S	1991	88.5	88.1	85.7	86.8	86.5	87.0	NM	NM	NM	87.0				5.4	
	Western Canal	19N02E07K002M	M	I	2006	98.7	99.6	99.8	101.5	99.8	99.5	98.2	98.1	99.2	100.0				0.8	2.7
		19N02E07K003M	M	I	2006	96.3	98.4	98.4	99.4	98.3	97.7	98.3	98.1	99.4	98.2				-1.2	4.5
		19N02E07K004M	M	S	2006	95.7	98.4	98.5	99.5	98.3	98.2	99.3	99.4	99.2	98.3				-0.9	4.4
		19N02E13C001M	M	S	2002	112.0	112.8	113.3	115.6	114.0	114.1	114.4	114.4	115.0	114.9				-0.1	5.0
		19N02E13C002M	M	D	2006	113.2	113.3	114.1	115.9	114.5	114.3	114.7	114.8	115.2	115.3				0.0	4.6
WYANDOTTE CREEK	Angel Slough	20N02E13C003M	M	D	2006	113.8	113.7	114.5	116.2	114.8	114.6	114.8	115.7	115.7	115.6				-0.1	4.3
		20N01E18L001M	M	D	2000	99.4	99.3	100.7	101.0	97.1	95.5	95.0	90.7	96.0	104.5				8.6	2.8
		20N01E18L002M	M	I	2001	99.0	99.5	99.8	100.3	97.9	97.3	97.3	94.9	97.7	98.7				1.1	8.7
		20N01E18L003M	M	I	2001	101.3	102.0	102.4	102.9	100.7	100.4	100.2	99.3	101.0	101.2				0.2	6.1
		20N01E35C001M	M	S	1947	99.3	99.7	98.1	99.0	97.8	NM	NM	NM	NM	NM				6.0	NM
	Wyandotte Creek	20N02E15H001M	M	S	1995	110.4	106.9	111.4	112.7	108.8	NM	100.4	96.6	96.8	102.8				4.0	41.3
		20N02E15H002M	M	S	1995	129.6	128.1	131.0	144.1	129.1	NM	116.8	115.3	116.3	121.1				6.8	23.1
		20N02E16P001M	I	U	1990	108.2	107.5	NM	109.2	112.7	111.6	109.0	105.0	107.3	110.9				3.6	20.9
		20N02E28N001M	D	S/I	1947	114.4	115.2	117.9	118.5	117.5	117.2	116.8	117.5	117.3				-0.2	6.1	
		CWS-01	M&I	U	1978	101.0	132.0	131.0	131.0	124.0	130.0	120.0	134.0	139.0						
WEST BUTTE	Chico Urban Area	CWS-02	M&I	U	1978	146.0	143.0	146.0	146.0	146.0	144.0	148.0	140.0	138.0						
		CWS-03	M&I	U	1978	163.0	165.0	164.0	164.0	161.0	163.0	149.0	165.0	165.0						
		17N03E03D001M	I	S	1947	71.5	70.5	72.3	73.2	72.6	71.4	69.6	70.3	71.5	73.9				5.5	2.4
		17N04E06N002M	I	S/I	2001	69.9	66.0	64.4	72.5	NM	66.7	53.6	52.4	53.7	65.2				-3.9	23.4
		17N04E27B001M	D	S	1976	88.4	85.4	84.3	84.3	88.2	95.7	82.1	83.2	94.8	NM				4.0	NM
	Durham/Dayton	19N04E31F001M	D	S	2001	122.1	123.2	122.5	123.9	120.3	108.0	103.9	103.7	103.0	103.7				-3.5	135.3
		21N01W23J001M	I	S	1941	97.6	107.2	107.2	108.1	106.0	103.9	103.7	103.0	103.7	103.7				-0.3	16.4
		21N01W35K002M	I	S/I	1994	97.7	97.8	97.8	98.8	96.7	95.4	96.4	96.7	96.7	97.2				0.5	17.2
		CWSCH01	M&I	U	1988	117.0	117.0	120.0	119.0	114.0	114.0	112.0	111.0	112.0	111.0					NM
		CWSCH02	M&I	U	1988	139.0	140.0	145.0	140.0	140.0	140.0	138.0	138.0	138.0	149.0					83.0
WEST BUTTE	Chico Urban Area	CWSCH03	M&I	U	1988	117.0	123.0	130.0	132.0	108.0	107.0	107.0	107.0	107.0	110.0				8.0	72.0
		CWSCH04	M&I	U	1988	107.0	91.0	NM	110.0	108.0	107.0	100.0	102.0	107.0	110.0				-1.0	143.0
		CWSCH05	M&I	U	1988	111.0	115.0	113.0	118.0	110.0	108.0	107.0	107.0	107.0	110.0				-6.0	94.0
		CWSCH06	M&I	U	1988	116.0	113.0	109.0	113.0	107.0	107.0	107.0	107.0	107.0	110.0				13.0	104.0
		CWSCH07	M&I	U	1991	111.0	106.0	110.0	114.0	105.0	103.0	103.0	103.0	103.0	103.0				1.0	65.0
	Durham/Dayton	22N01E28J001M	M	I	1958	122.6	123.8	125.5	130.4	121.4	119.6	114.7	114.7	117.8	125.0				-1.7	160.0
		22N01E28J003M	M	I	1958	126.5	128.0	129.7	135.0	127.4	124.7	119.6	119.2	121.0	129.4				5.0	53.9
		22N01E35E001M	M	D	1958	120.5	121.5	122.2	127.4	116.4	117.5	113.8	113.1	114.0	122.1				0.3	48.8
		22N02E30C002M	M	S	2002	116.3	115.5	114.8	119.2	112.3	110.8	107.5	107.5	107.5	116.0				-0.2	56.8
		20N01E02H003M	M	S	2001	95.1	95.6	95.9	101.7	93.1	90.3	86.9	83.9	83.3	95.2				2.6	66.3
WEST BUTTE	Durham/Dayton	20N01E10C002M	I	S	1947	100.5	101.1	100.9	NM	98.0	94.4	94.4	90.1	84.7	100.7				6.9	127.7
		20N02E06Q001M	I	S/I	1947	109.5	108.3	108.1	113.9	106.8	103.9	102.1	95.9	100.4	108.0				-0.8	37.1
		21N01E10B003M	I	I	1995	110.6	111.8	112.4	119.1	107.1	104.2	100.7	96.3	102.2	109.9				1.8	26.7
		21N01E13L002M	M	D	2012					102.2	98.7	95.7	90.6	96.1	105.0				7.6	29.6
		21N01E13L003M	M	I	2012					102.1	98.9	95.8	90.9	96.0	105.3				-4.8	60.4
	Chico Urban Area	21N01E13L004M	M	I	2012					102.4	99.1	95.8	91.4	96.2	105.5				8.9	74.8
		21N01E25K001M	D	S	1993	98.5	96.9	98.8	103.9	NM	90.4	87.5	85.6	87.9	95.9				9.3	74.6
		21N01E25K001M	D	S	1993	92.9	85.6	98.2	92.9	88.1	86.8	78.5	84.5	79.1	88.3				9.2	74.4
		21N01E27D001M	D	S	1946	94.9	94.3	94.9	100.0	91.4	86.8	83.8	83.2	NM	94.5				8.0	58.4
		21N02E07C001M	I	I	1967	114.2	133.1	134.8	133.7	128.0	NM	NM	NM	NM	97.1				-7.6	64.5
WEST BUTTE	Durham/Dayton	21N02E07C001M	I	I	1967	114.2	133.1	134.8	133.7	128.0	NM	NM	NM	NM	97.1				-2.6	48.8
		21N02E18C001M	M	D	2010				115.7	103.2	100.5	97.5	90.9	97.3	104.8				7.5	84.3
		21N02E18C002M	M	I	2010				115.8	102.7	101.1	97.5	92.4	97.9	105.4				7.5	83.7
		21N02E18C003M	M	S	2010				154.0	144.6	143.5	139.7	140.2	149.6	161.0				11.5	28.1
		21N02E30L001M	D	S/I	1995	106.9	105.6	106.3	112.6	101.8	98.8	95.6	93.3	95.9	103.2				-7.4	56.2
	Chico Urban Area																			

Well Type
D-Drill, D-Drill, D-Drill
M-Monitoring, M&I-Monitoring and Industrial
S-Shallow, I-Intermediate
D-Deep

Sub Basin	Sub-Inventory Unit	Monitoring Wells	Well Type	Well Depth	First Record	Groundwater Elevations										Analysis				
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WEST BUTTE	Llano Seco	20N01E18L001M	M	D	2000	99.4	99.3	100.7	101.0	97.1	95.5	95.0	90.7	96.0	104.5	99.4	94.1	5.1	8.6	2.8
		20N01E18L002M	M	I	2001	99.0	98.5	99.8	100.3	97.9	97.3	97.5	94.9	97.7	98.7	99.3	96.3	-0.6	1.1	8.7
		20N01E18L003M	M	S	2001	101.3	102.0	102.4	102.9	100.7	100.4	100.2	99.3	101.0	101.2	101.2	98.5	0.0	0.2	6.1
		20N01W04J001M	I	S	2008	81.18	80.98	81.28	81.58	80.98	80.98	80.98	81.0	81.1	81.6				0.5	20.8
		20N01W11N002M	I	S	2008	93.17	92.97	92.47	93.77	93.27	92.17	92.47	93.27	92.2	92.7				0.5	14.7
		21N01W03S002M	I	S/I	1994	97.5	97.7	97.8	98.8	96.7	95.4	95.4	96.0	96.7	97.2	97.5	95.5	-0.3	0.5	17.2
	M & T	21N01W11A001M	M	D	2010					112.4	110.0	105.8	105.6	104.0	106.6	111.1			4.5	18.2
		21N01W11A002M	M	S	2010					114.8	113.4	113.2	112.8	113.3	113.4	113.4			0.0	15.9
		21N01W13J001M	M	S	2010					114.4	113.8	113.7	113.4	114.1	114.1	113.9			1.2	14.0
		21N01W13J002M	M	I	2012					105.9	103.1	102.0	102.0	101.3	103.4			2.6	23.8	
VINA	Mina	21N01W13J003M	M	I	2012					107.0	104.7	102.3	100.0	102.5	103.4			1.0	24.3	
		21N01W24B001M	M	I	1995	106.1	105.7	107.2	106.9	103.7	100.7	99.0	97.1	99.5	103.3	109.1	100.3	-5.8	0.6	23.9
		22N01E29R001M	I	I	1947	116.1	119.3	123.0	127.4	118.3	115.9	90.2	110.1	113.4	121.9	118.6	109.4	3.3	3.9	23.8
		22N01E32E004M	D	S	1992	113.4	114.5	118.0	121.5	113.6	110.5	104.6	106.6	108.8	117.0	111.5	90.1	5.5	8.2	41.8
		22N01E09R001M	D	S	2001	131.7	131.0	132.0	136.1	129.5	128.0	125.6	125.5	128.5	132.0	143.5	136.3	-11.5	5.5	46.3
		22N01E20K001M	D	S	1961	121.5	121.0	124.6	129.1	120.7	118.3		114.1	114.3	128.5	124.9	120.0	1.6	12.2	41.3
	Vina	23N01E18A001M	D	S	1976	NM	164.3	169.6	168.0	NM	NM	NM	NM	NM	NM	165.3	148.1			NM
		23N01E29P002M	D	S/I	1990	143.8	138.5	141.9	144.0	140.6	NM	136.5	134.9	133.9	140.4	129.8	140.8	10.6	6.5	64.9
		23N01E33A001M	I	S/I	2001	146.7	145.4	145.3	147.5	143.5	140.5	NM	136.3	136.9	140.2	149.3	136.3	-9.1	3.4	112.1
		23N01W10E001M	I	I	2001	149.3	156.3	157.2	159.9	NM	NM	142.7	141.9	145.1	152.6	144.2	154.3	145.5	-0.3	4.4
Vina	Vina	23N01W10M001M	M	S	2001	153.6	155.6	157.1	159.9	NM	148.6	147.5	144.5	149.6	154.0	154.3	145.5	-0.3	4.4	33.4
		23N01W27L001M	D	S	1976	132.6	133.4	135.3	137.4	130.7	NM	126.4	126.4	129.4	133.4	133.4	116.0	1.8	4.0	29.0
		23N01W06P001M	D	S	1959	122.8	124.7	125.9	129.8	120.7	118.7	117.5	116.8	119.6	125.2	128.9	124.1	-3.7	5.6	37.6
		23N02W25C001M	I	S/I	1967	132.1	133.9	134.4	135.8	130.6	130.5	131.0	130.9	133.9	135.4	128.9	123.7	6.6	1.5	22.0
		23N01W25G001M	I	I	2007	140.3	139.8	134.5	129.1	134.4	131.5	131.4	130.5	138.1						NM
		23N01W03H002M	M	I	2012					172.6	169.8	168.0	167.0	167.7	170.2				2.5	46.6
	Vina	23N01W03H003M	M	I	2012					172.2	170.3	168.4	167.1	168.1	171.2				3.1	45.7
		23N01W28M002M	M	S	2012					175.8	173.9	171.3	170.4	171.1	174.8				3.7	42.1
		23N01W28M003M	M	D	2009					136.6	127.5	131.3	129.9	133.0	136.2				3.2	22.8
		23N01W28M004M	M	S	2009					138.8	137.1	129.0	130.6	128.8	132.8				2.9	23.3
Vina	23N01W28M005M	M	S	2009					133.9	137.1	130.6	128.0	130.6	133.9				3.3	25.1	
	23N01W28M006M	M	S	2009					133.4	136.6	131.4	130.2	127.7	127.8				3.7	25.3	
	23N01W31M001M	M	D	2008	131.1	126.8	134.0	126.0	129.7	110.9	121.6	119.9	125.3	128.2				2.8	26.6	
	23N01W31M002M	M	I	2008	132.5	131.6	133.0	132.2	128.4	125.8	126.0	124.5	129.5	129.4				-0.1	25.4	
Vina	23N01W31M003M	M	S	2008	133.1	135.1	133.8	137.1	132.0	129.5	128.9	126.2	129.5	132.2				-0.1	22.6	
	23N01W31M004M	M	S	2008	134.0	134.1	134.5	135.7	133.5	133.2		132.3	133.4	134.5				1.1	20.3	
Note: Red font indicates Questionable Measurement (QM). Orange highlight is Alert Stage 1. Bold font is Alert Stage 2.																				

Note: Red font indicates Questionable Measurement (QM). Orange highlight is Alert Stage 1. Red highlight is Alert Stage 2

* Indicates sub-inventory unit corresponding to an Irrigation District primarily served by surface water

** Richvale and Western Canal use the Specific Depth Method which establishes alert levels for spring only (per Chapter 33A)

a 18N01E35L001M monitoring well installed in 2005. Not yet enough data to establish alert levels

b 17N01E24A03-6 multi-completion well installed in 2007. Not yet enough data to establish alert levels

c 21N02E29J03 added to DWR monitoring network in 2007

d 20N02E08H03 added to DWR monitoring network in 2008

e 21N02E26E03-6 multi-completion monitoring well installed 2007

f 22N01E35E001, 22N02E30C002 and 20N01E22H003M added to the network in 2005, 2002, and 2001, respectively.

g 21N01E13L02-04 installed in 2012 and 21N02E18C01-03 in 2010

h 21N02E18C01-03 installed in 2010

i 20N01W04J001 and 20N01W11N002 first measured in 2008

j 21N01W11A01-03 and 21N01W13J01-03 installed in 2010 and 2012, respectively.

k 23N01W25G01 added to DWR monitoring network in 2007, 23N01W28M02-5 and 23N01W31M01-4 multi-completion monitoring wells installed 2008, and 23N01W03H02-4 installed 2012

Depth Category:

S- Shallow: indicates total well depth or screening interval is less than 200 feet below ground surface

I- Intermediate: total well depth or screening interval is 200-600 feet

S/I- Shallow/Intermediate: screened interval spans portions of the shallow and intermediate depth intervals

D- Deep: total well depth or screening interval is greater than 600 feet

Alert Stage Count

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Alert 1	27	23	24	7	26	23	21	16	21	22
Alert 2	2	1	1	2	6	19	19	25	18	8
Total Measured	109	113	114	121	124	121	124	124	121	119

Well Type
D-Domestic, Irrigation
M-Monitoring, M/Municipal and Industrial
Well Depth
S-Shallow, I-Intermediate
D-Deep

BUTTE COUNTY BMO Program Fall 2017 Alert Stage 1 or 2

