

**BMO Data Summary  
Butte County Spring 2007 Groundwater Levels**

Reference #	Sub Basin	Sub-Inventory Unit	Monitoring Wells	Groundwater Elevations				Analysis	
				Spring 2007 BMO Stage 1 Alert Level (Elev. ft)	Spring 2007 BMO Stage 3 Alert Level (Elev. ft)	Spring 2007 Water Surface Elevation (WSE) (Elev. ft)	Elevation Above or Below Alert Level (ft)	% change between Alert Level and Spring WSE	
1	EAST BUTTE	Biggs/West Gridley	17N01E10A01	53.44	48.90	54.80	1.36	3%	
2			18N02E16F01	72.92	71.90	74.90	1.98	3%	
3			18N02E25M01	80.07	79.60	80.10	0.03	0%	
4			18N02E32H01	68.40	68.50	NM			
5		Butte	17N02E14A01	73.35	68.35	77.80	4.45	6%	
6			17N02E14H01	72.55	67.55	76.40	3.85	5%	
7			17N03E16N01	70.74	65.74	73.60	2.86	4%	
8		Butte Sink	17N01E17F01	47.70	47.30	NM			
9			17N01E17F02	47.20	47.10	NM			
10			17N01E17F03	48.60	47.80	NM			
11			17N02E19J01	<b>63.80</b>	<b>63.70</b>	<b>63.10</b>	<b>-0.70</b>	<b>-1%</b>	
12		Cherokee	20N02E24C01	114.89	108.22	122.90	8.01	7%	
13			20N02E24C02	122.40	115.03	122.50	0.10	0%	
14			20N02E24C03	<b>122.38</b>	<b>115.24</b>	<b>122.00</b>	<b>-0.38</b>	<b>0%</b>	
15			20N03E31M01	119.18	110.28	120.50	1.32	1%	
16			20N03E33L01	118.60	106.24	122.40	3.80	3%	
17			21N03E22C01	365.32	357.29	368.80	3.48	1%	
18		21N03E32B01	223.11	219.84	223.80	0.69	0%		
19		Esquon	20N02E09G01	119.76	114.74	120.90	1.14	1%	
20			20N02E09L01	<b>124.61</b>	<b>120.40</b>	<b>118.50</b>	<b>-6.11</b>	<b>-5%</b>	
21			21N02E20P01	<b>129.98</b>	<b>127.30</b>	<b>119.60</b>	<b>-10.38</b>	<b>-8%</b>	
22		Pentz	21N02E26E02	151.99	146.10	NM			
23			21N02E26F01	119.97	106.70	123.70	3.73	3%	
24		Richvale	18N01E13A02	68.50	63.50	73.00	4.50	7%	
25			18N01E15D02	62.92	57.92	68.00	5.08	8%	
26			19N01E27Q01	77.31	72.31	81.80	4.49	6%	
27			19N01E35B01	78.13	73.13	83.20	5.07	6%	
28			19N02E15N02	96.16	91.16	100.50	4.34	5%	

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				Spring 2007 BMO Stage 1 Alert Level (Elev. ft)	Spring 2007 BMO Stage 3 Alert Level (Elev. ft)	Spring 2007 Water Surface Elevation (WSE) (Elev. ft)	Analysis	
							Elevation Above or Below Alert Level (ft)	% change between Alert Level and Spring WSE
29	EAST BUTTE	Thermalito	18N03E08B03	98.72	98.00	98.90	0.18	0%
30			18N03E21G01	84.29	81.80	86.30	2.01	2%
31			19N0316Q01	136.27	135.50	137.50	1.23	1%
32			19N03E05N02	114.46	105.60	119.90	5.44	5%
33		Western Canal	19N01E09Q01	82.21	72.21	86.00	3.79	5%
34			20N01E18L01	104.20	99.20	107.60	3.40	3%
35			20N01E18L02	99.41	94.41	103.70	4.29	4%
36			20N01E18L03	99.59	94.59	104.50	4.91	5%
37			20N01E35C01	91.88	86.88	96.50	4.62	5%
38			20N02E16P01	117.83	112.80	NM		
39	20N02E28N01	111.43	106.43	116.00	4.57	4%		
40	NORTH YUBA	North Yuba	CWS-01	45.00				
41			CWS-02	40.00				
43			CWS-03	80.00				
44	WEST BUTTE	Angel Slough	21N01W23J01	108.81	105.80	109.60	0.79	1%
45		Chico Urban Area	CWSCH01	<b>132.00</b>	127.00	<b>131.00</b>	-1.00	<b>-1%</b>
46			CWSCH02	<b>135.00</b>	128.00	<b>133.00</b>	-2.00	<b>-1%</b>
47			CWSCH03	128.00	124.00	128.00	0.00	0%
48			CWSCH04	<b>130.00</b>	123.00	<b>123.00</b>	-7.00	<b>-5%</b>
49			CWSCH05	125.00	120.00	125.00	0.00	0%
50			CWSCH06	<b>129.00</b>	119.00	<b>125.00</b>	-4.00	<b>-3%</b>
51			CWSCH07	<b>122.00</b>	117.00	<b>119.00</b>	-3.00	<b>-2%</b>
55		Durham/Dayton	22N01E28J03	142.34	136.15	146.90	4.56	3%
56			22N01E28J05	<b>137.49</b>	131.49	<b>137.40</b>	-0.09	<b>0%</b>
57			20N01E10C02	<b>111.88</b>	107.45	<b>109.10</b>	-2.78	<b>-2%</b>
58			20N02E06Q01	<b>120.44</b>	116.15	<b>117.50</b>	-2.94	<b>-2%</b>
59			21N01E08K02	<b>122.90</b>	118.51	<b>122.20</b>	-0.70	<b>-1%</b>
60	21N01E10B03		<b>128.06</b>	122.59	<b>126.70</b>	-1.36	<b>-1%</b>	
61	21N01E25K01	<b>117.95</b>	112.36	<b>115.10</b>	-2.85	<b>-2%</b>		
62	21N01E27B01	<b>114.14</b>	108.71	<b>113.10</b>	-1.04	<b>-1%</b>		
63	21N02E07C01	129.27	121.97	134.60	5.33	4%		

Reference #	Sub Basin	Sub-InVENTORY Unit	Monitoring Wells	Groundwater Elevations				
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							Elevation Above or Below Alert Level (ft)	% change between Alert Level and Spring WSE
64	WEST BUTTE	Llano Seco	20N01E18L01	104.89	99.09	107.60	2.71	3%
65			20N01E18L02	99.42	94.42	103.70	4.28	4%
66			20N01E18L03	99.56	94.56	104.50	4.94	5%
68			21N01W35K02	96.84	91.84	NM		
69		M & T	21N01W24B01	115.00	110.00	115.60	0.60	1%
73			22N01E29R01	130.00	125.00	137.70	7.70	6%
74			22N01E32E04	125.00	120.00	127.30	2.30	2%
75	VINA	Vina	22N01E02P01	144.89	143.66	145.60	0.71	0%
76			22N01E09B01	144.30	141.34	146.00	1.70	1%
78			22N01E20K01	132.97	127.19	136.30	3.33	3%
79			23N01E18A01	169.32	165.24	175.60	6.28	4%
80			23N01E29P02	151.20	146.31	154.90	3.70	2%
83			23N01E33A01	153.12	148.15	155.70	2.58	2%
84			23N01W10E01	<b>164.78</b>	<b>162.75</b>	<b>163.90</b>	-0.88	-1%
85			23N01W27L01	141.22	135.87	143.30	2.08	1%
86			23N01W36P01	<b>139.18</b>	<b>132.39</b>	<b>136.30</b>	-2.88	-2%
87		23N02W25C01	135.71	131.94	NM			

<b>Butte Sink</b>	<b>State Well Number</b>	<b>Measurement Date</b>	<b>Yearly Spring Measurement</b>
	<b>17N02E19J001M</b>	Mar-07	63.10
		Mar-06	64.40
		Apr-05	63.70
		Mar-04	64.00
		Mar-03	66.40
		Mar-02	65.30
		Mar-01	66.90

<b>Cherokee</b>	<b>State Well Number</b>	<b>Measurement Date</b>	<b>Spring Level Measurement</b>
	<b>20N02E24C03</b>	Mar-07	122.00
		Mar-06	125.84
		Apr-05	125.34
		Feb-05	122.64
		Jan-05	119.54
		Apr-04	124.12
		Apr-04	126.56
		Mar-04	126.21
		Feb-04	124.32
		Jan-04	123.01
		Jan-04	122.44
		Apr-03	125.29
		Mar-03	124.24
		Feb-03	122.8
		Jan-03	120.24
		Mar-02	122.84
		Feb-02	123.16
		Jan-02	
		Apr-01	125.14
		Mar-01	126.14
		Feb-01	122.94
		Jan-01	
		Apr-00	128.14
		Mar-00	128.34
		Jan-00	123.24
		Jan-00	122.64

<b>Chico Urban Area</b>	<b>State Well Number</b>	<b>Measurement Date</b>	<b>Spring Level Measurement</b>
	<b>CWSCH 01</b>	Apr-07	131
		Feb-06	136
		Apr-05	139
		Apr-04	141
		Apr-03	141
		Apr-02	136
		Apr-01	136
		Apr-00	137
		Apr-98	150
		Apr-97	141

<b>CWSCH 02</b>	Apr-07	133
	Feb-06	143
	Apr-05	148
	Apr-04	143
	Apr-03	123
	Apr-02	143
	Apr-01	143
	Apr-00	146
	Apr-98	155
	Apr-97	149
<b>CWSCH 04</b>	Apr-07	123
	Feb-06	129
	Apr-05	129
	Apr-04	126
	Apr-03	137
	Apr-02	139
	Apr-01	134
	Apr-00	134
	Apr-98	144
	Apr-97	137
<b>CWSCH 06</b>	Apr-07	125
	Feb-06	134
	Apr-05	132
	Apr-04	127
	Apr-03	131
	Apr-02	133
	Apr-01	132
	Apr-00	125
	Apr-98	139
	Apr-97	129
<b>CWSCH 07</b>	Apr-07	119
	Feb-06	120
	Apr-05	125
	Apr-04	123
	Apr-03	115
	Apr-02	130
	Apr-01	128
	Apr-00	130
	Apr-98	135
	Apr-97	128
<b>22N01E28J05</b>	Mar-07	137.40
	Mar-06	140.80
	Apr-05	139.60
	Apr-04	141.20
	Mar-03	138.10
	Mar-02	137.70
	Mar-01	143.20
	Mar-00	144.00
	Mar-99	145.90
	Mar-98	147.80
Apr-97	144.30	

<b>Durham</b>	<b>State Well Number</b>	<b>Measurement Date</b>	<b>Spring Level Measurement</b>
	<b>20N01E10C02</b>	Mar-07	109.51
		Mar-06	119.4
		Apr-05	113
		Mar-04	116.7
		Mar-03	112.4
		Mar-02	111.9
		Mar-01	114.7
		Mar-00	116.8
		Mar-99	119
		Mar-98	123.1
		Mar-97	118.7
		<b>20N02E06Q01</b>	Mar-07
	Mar-06		126.9
	Apr-05		120.6
	Mar-04		123.6
	Mar-03		120.9
	Mar-02		121.5
	Mar-01		123.2
	Mar-00		127.4
	Mar-99		127.4
	Mar-98		130.5
	Mar-97	126.1	
	<b>21N01E08K02</b>	Mar-07	122.2
		Apr-06	130.1
		Mar-05	124.6
		Mar-04	127.31
		Mar-03	
		Mar-02	123.2
		Mar-01	124.5
		Apr-00	129.1
		Mar-99	131.6
		Mar-97	127.3
	<b>21N01E10B03</b>	Mar-07	126.7
		Mar-06	
		Mar-05	131.8
		Apr-04	130.9
		Mar-03	129
		Mar-02	125.9
		Mar-01	129.4
		Mar-00	136.6
		Mar-99	140.1
		Mar-98	143.5
		Mar-97	131.7
	<b>21N01E25K01</b>	Mar-07	115.10
		Mar-06	123.30
		Mar-05	118.50
		Apr-04	122.60
		Mar-03	117.10
		Mar-02	116.20
		Mar-01	120.00
		Mar-00	124.30
		Mar-99	126.90
		Mar-98	134.30
	Mar-97	126.80	

<b>21N01E27B01</b>	Mar-07	113.1
	Apr-06	121.6
	Mar-05	115.8
	Mar-04	119.06
	Mar-03	116.33
	Mar-02	114.13
	Mar-01	115.7
	Mar-00	121.1
	Mar-99	124.3
	Mar-98	130.3
	Mar-97	122.3

<b>Esquon</b>	<b>State Well Number</b>	<b>Measurement Date</b>	<b>Spring Level Measurement</b>
	<b>20N02E09L01</b>	Mar-07	118.50
		Mar-06	128.60
		Mar-05	
		Mar-04	125.90
		Mar-03	124.75
		Mar-02	123.55
		Mar-01	126.00
		Mar-00	129.60
		Mar-99	
		Mar-98	130.90
		Mar-97	127.20
		<b>21N02E20P01</b>	Mar-07
	Apr-06		134.90
	Mar-05		127.30
	Apr-04		130.10
	Mar-03		128.80
	Mar-02		128.80
	Mar-01		129.80
	Mar-00		134.10
	Mar-99		137.80
	Mar-98		141.60
	Mar-97		130.20

<b>Vina</b>	<b>State Well Number</b>	<b>Measurement Date</b>	<b>Spring Level Measurement</b>
	<b>23N01W10E01</b>	Mar-07	163.90
		Mar-06	170.30
		Mar-05	166.00
		Apr-04	167.20
		Mar-03	164.40
		Mar-02	165.60
		Apr-01	167.30
		<b>23N01W36P01</b>	Mar-07
	Mar-06		149.9
	Mar-05		144.4
	Apr-04		146.1
	Mar-03		141.4
	Mar-02		141.8
	Mar-01		144.7
	Mar-00		145.5
	Mar-99		149.7
	Mar-98	154.1	

