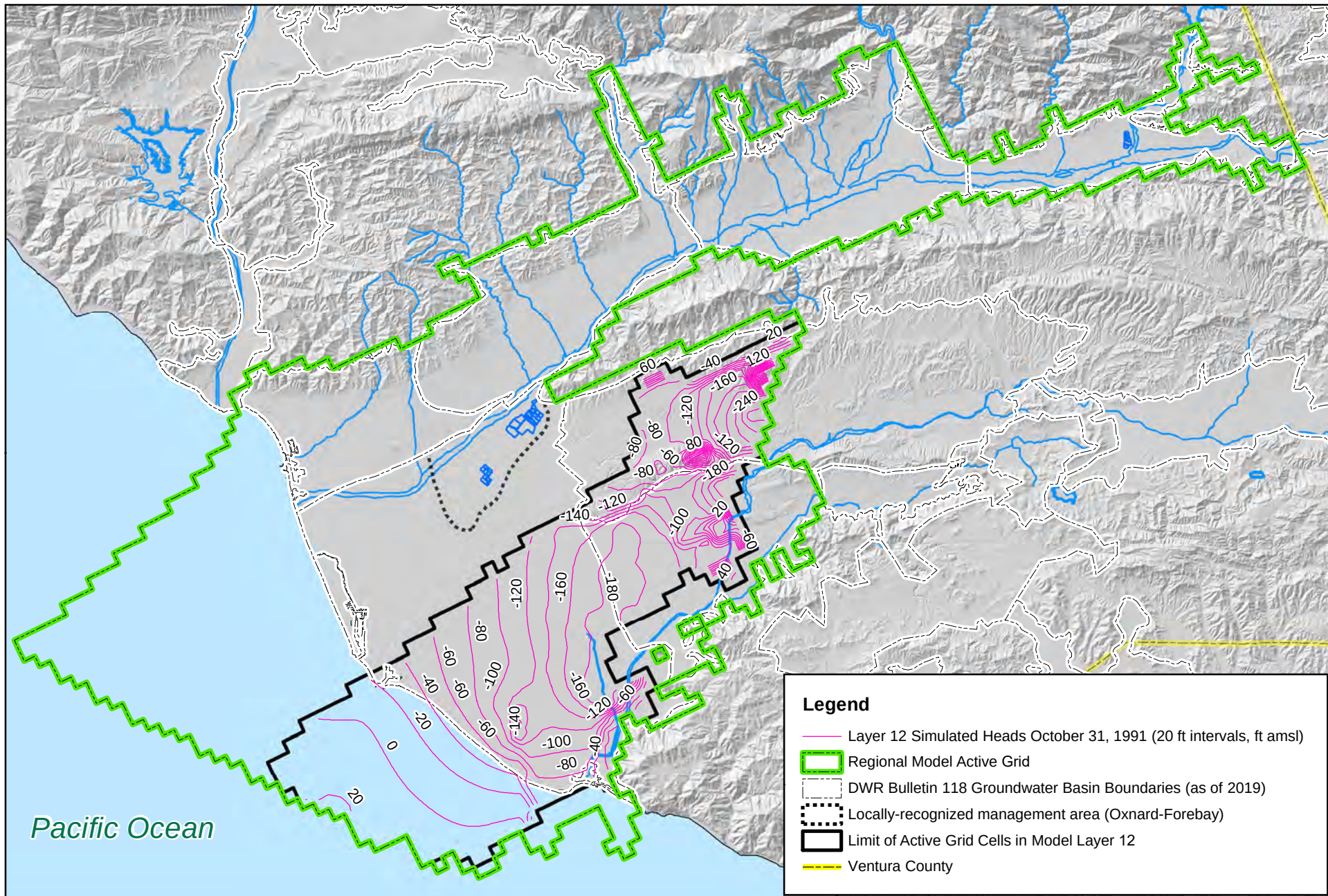




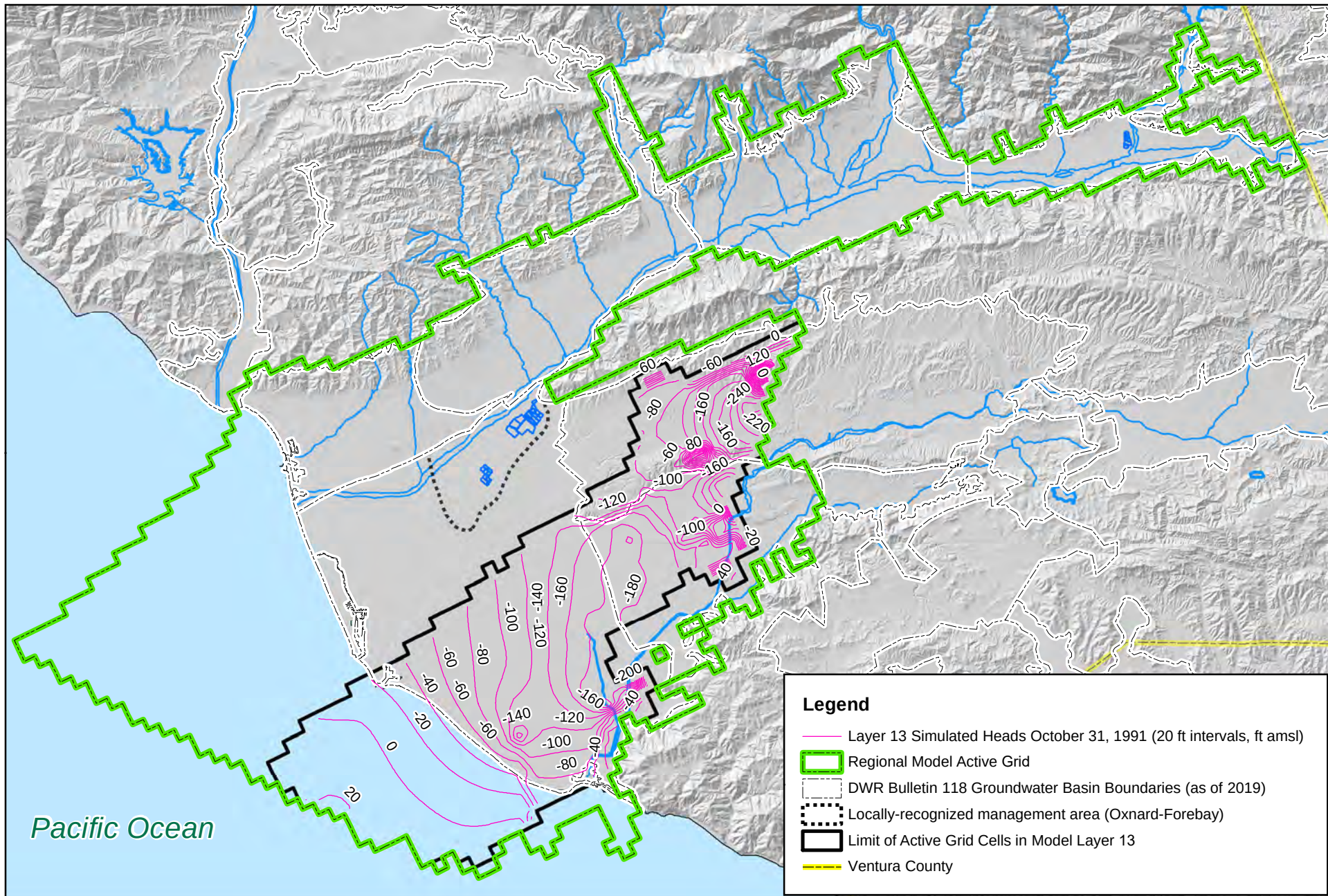
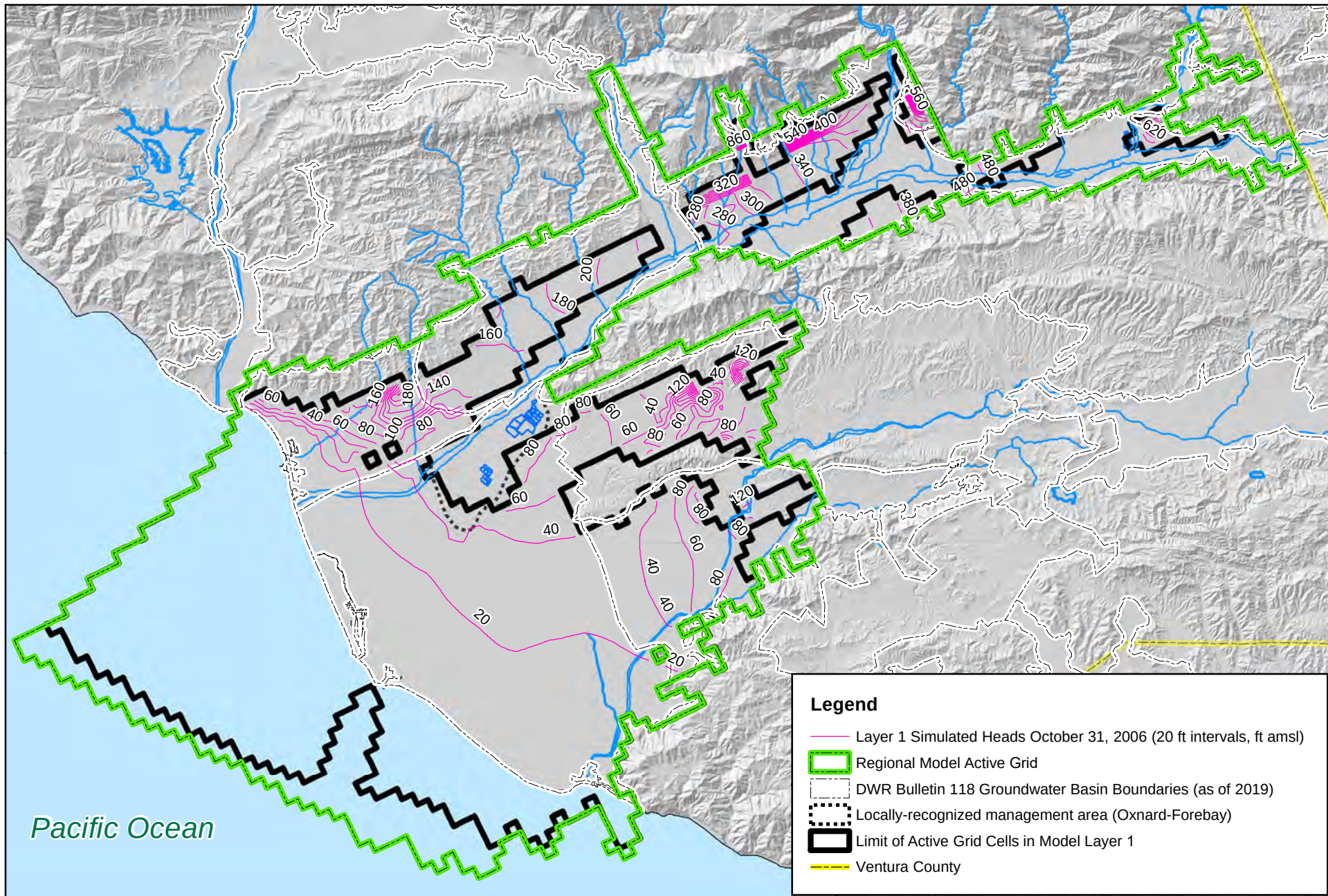
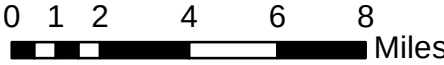


Figure 4-31.
October 1991 Simulated Head Contours
of Model Layer 13

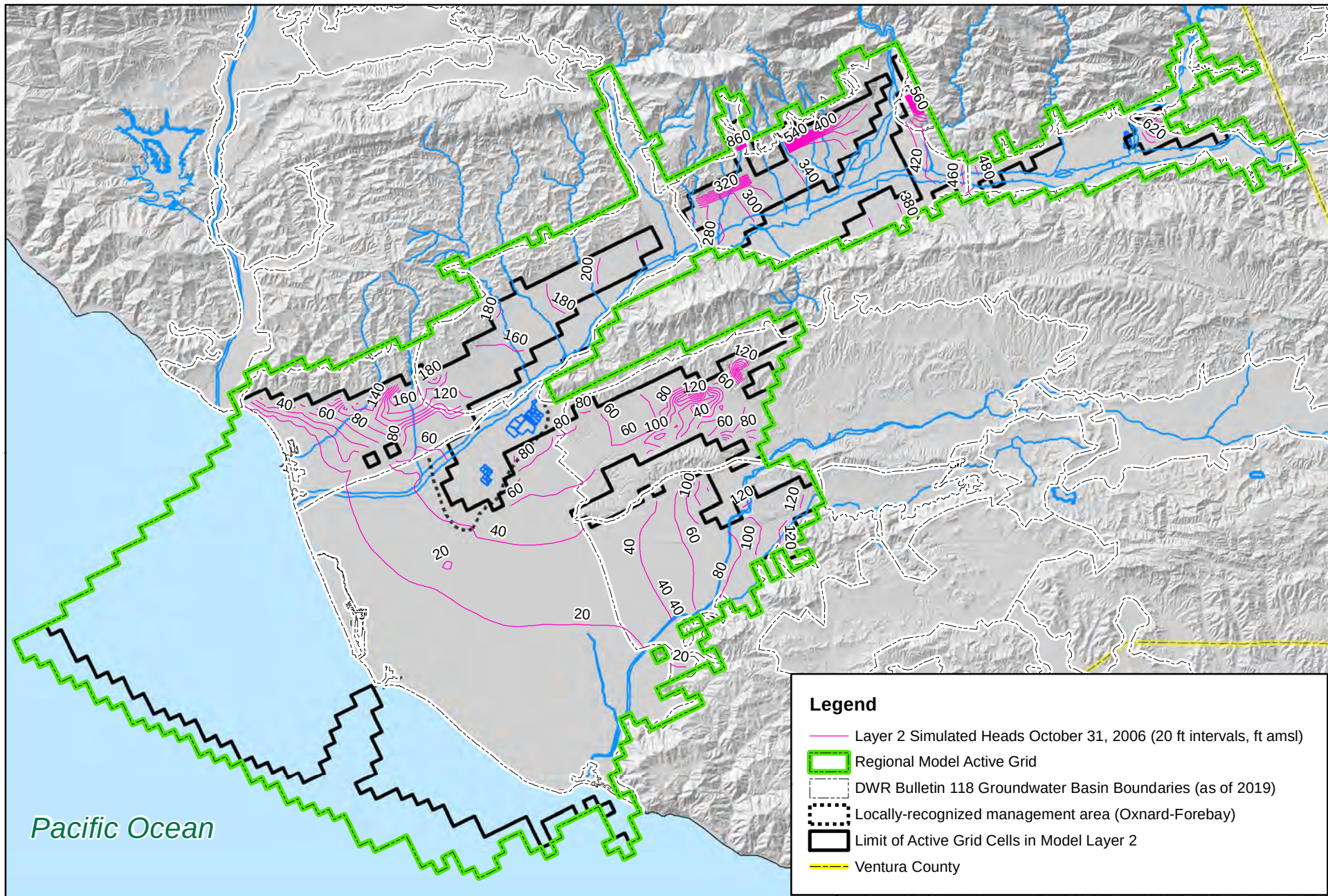
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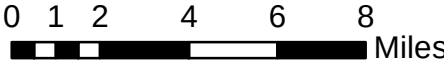


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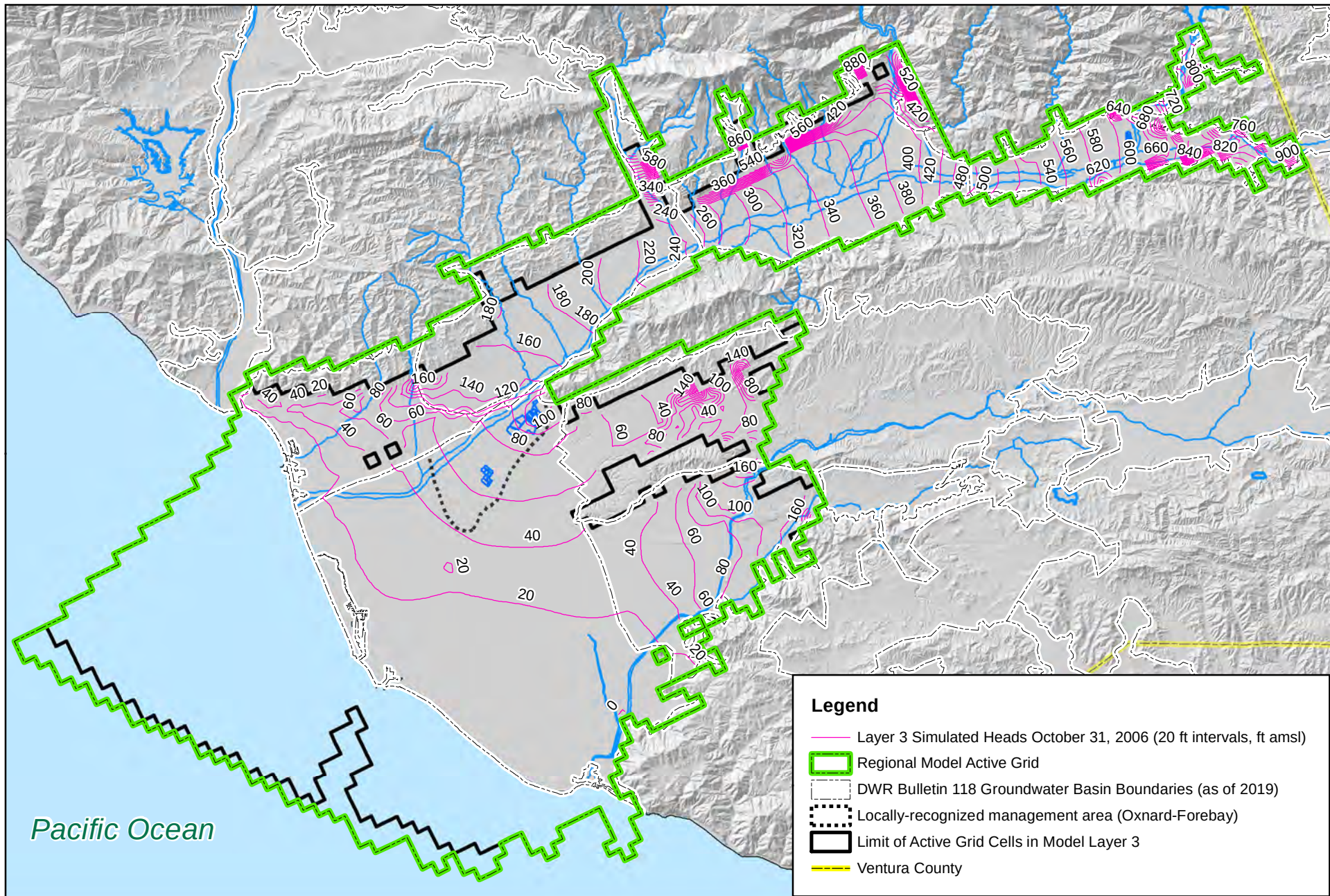
Figure 4-32.
October 2006 Simulated Head Contours
of Model Layer 1

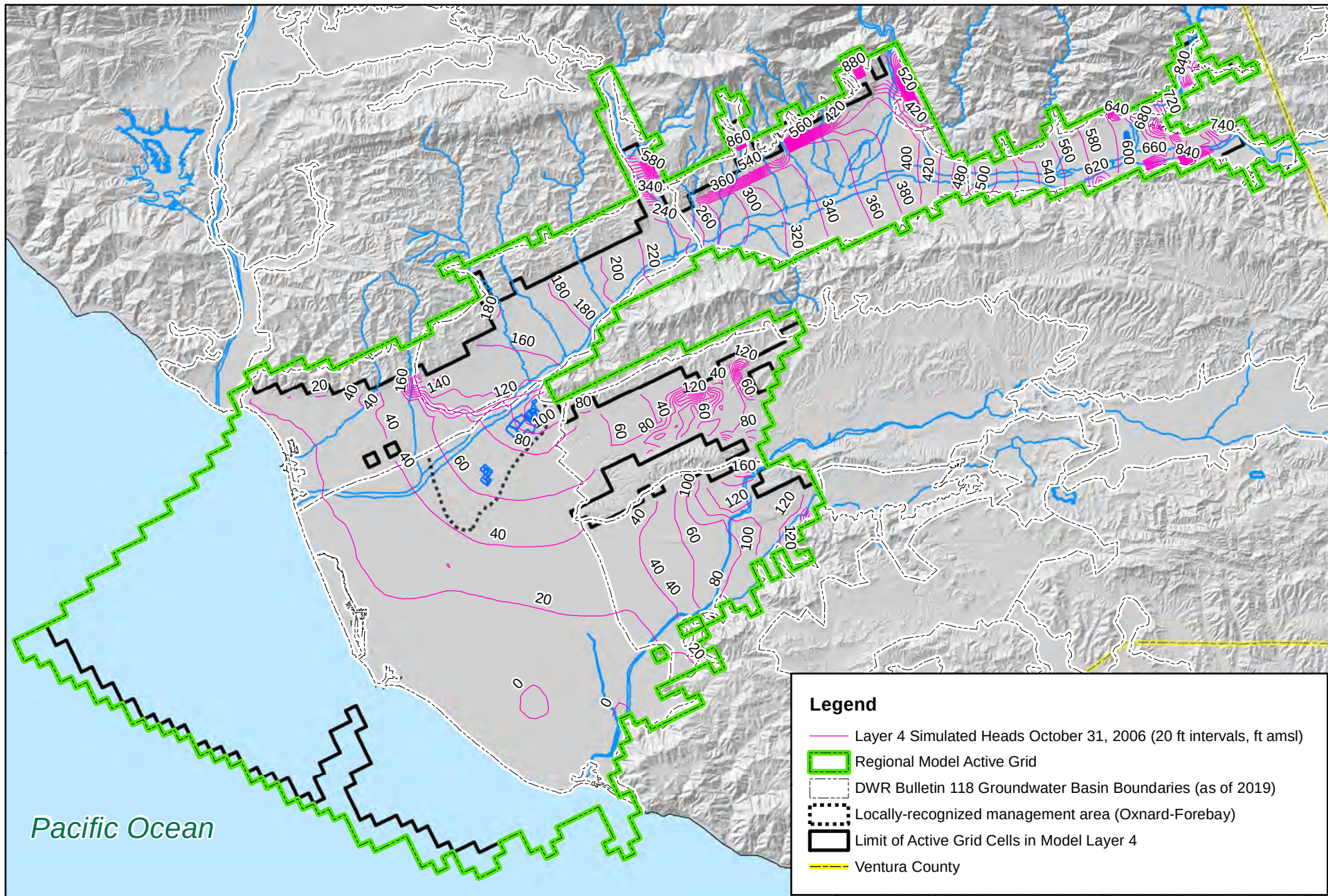


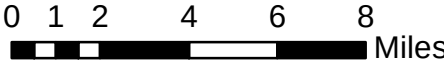



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Figure 4-33.
October 2006 Simulated Head Contours
of Model Layer 2

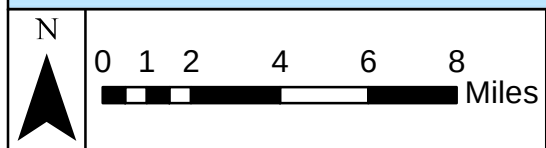
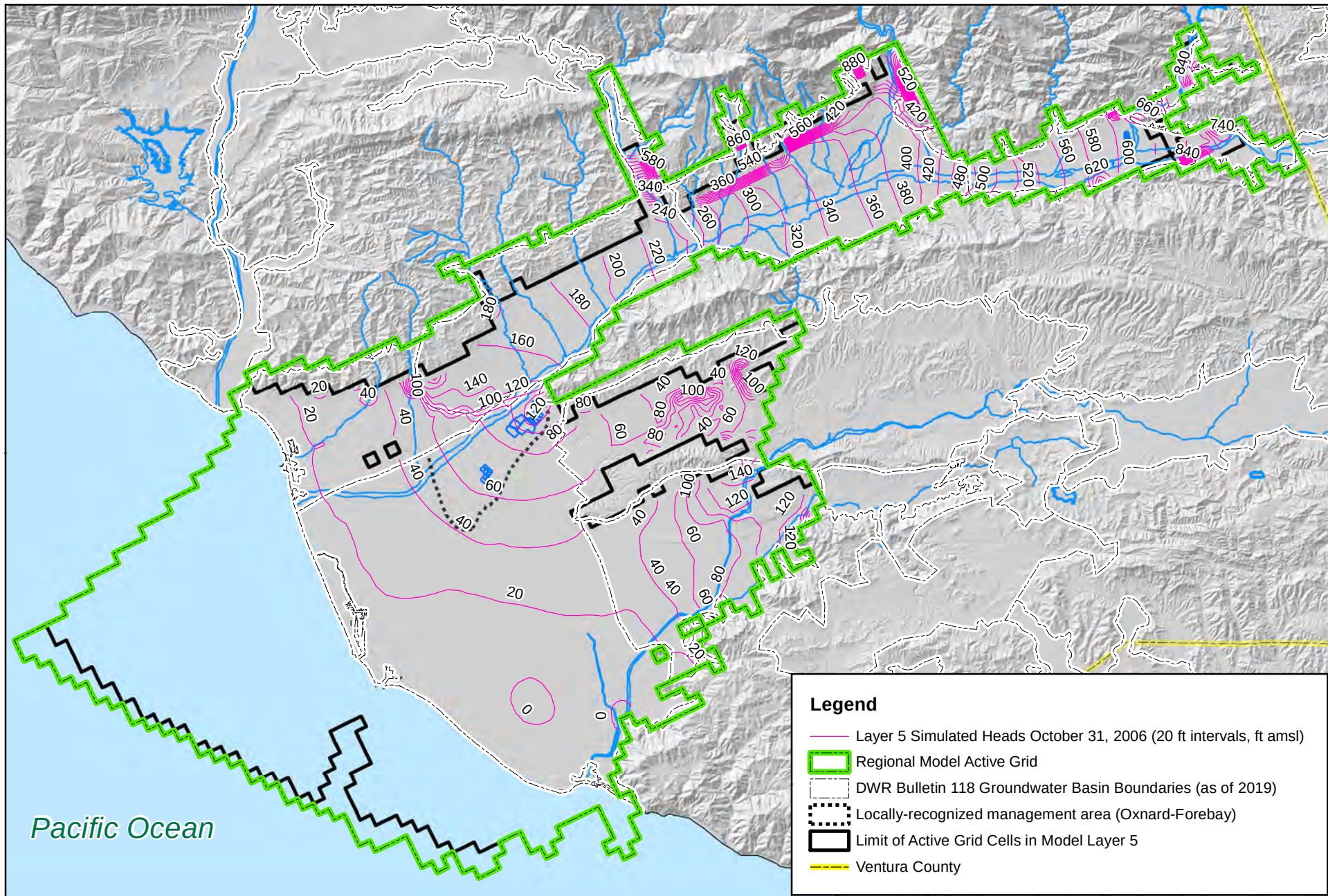




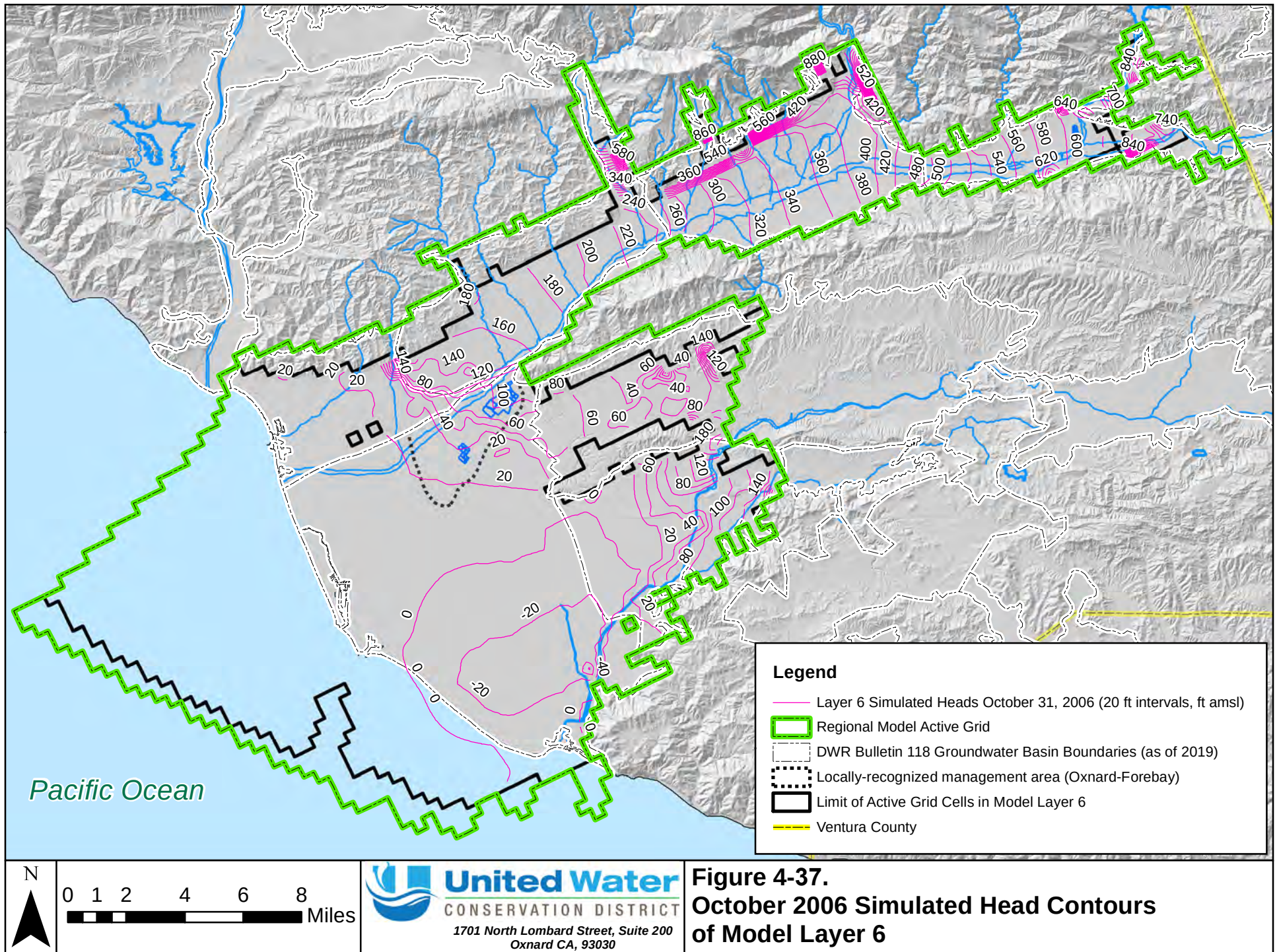
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Figure 4-35.
October 2006 Simulated Head Contours
of Model Layer 4



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Figure 4-36.
October 2006 Simulated Head Contours
of Model Layer 5



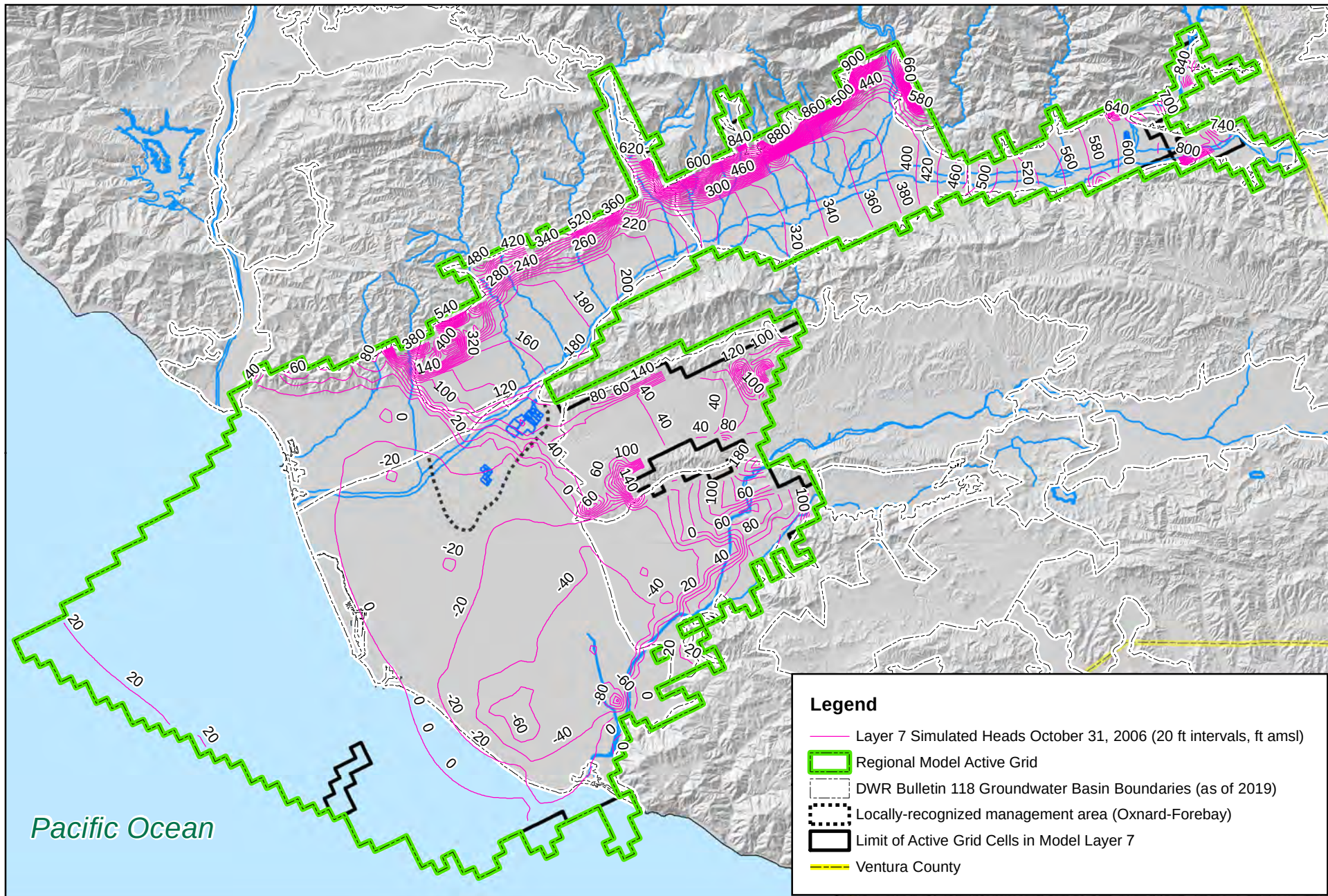
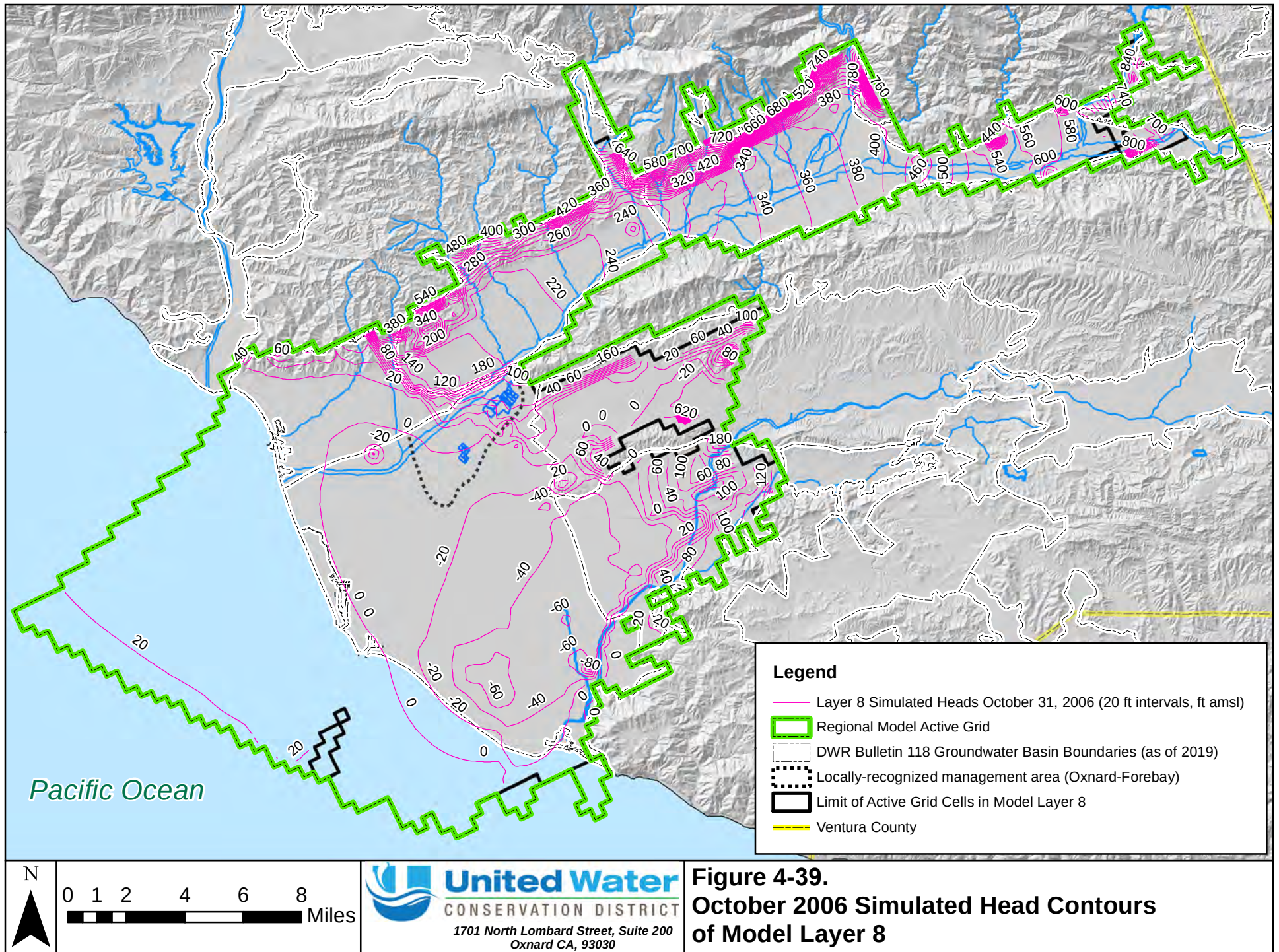
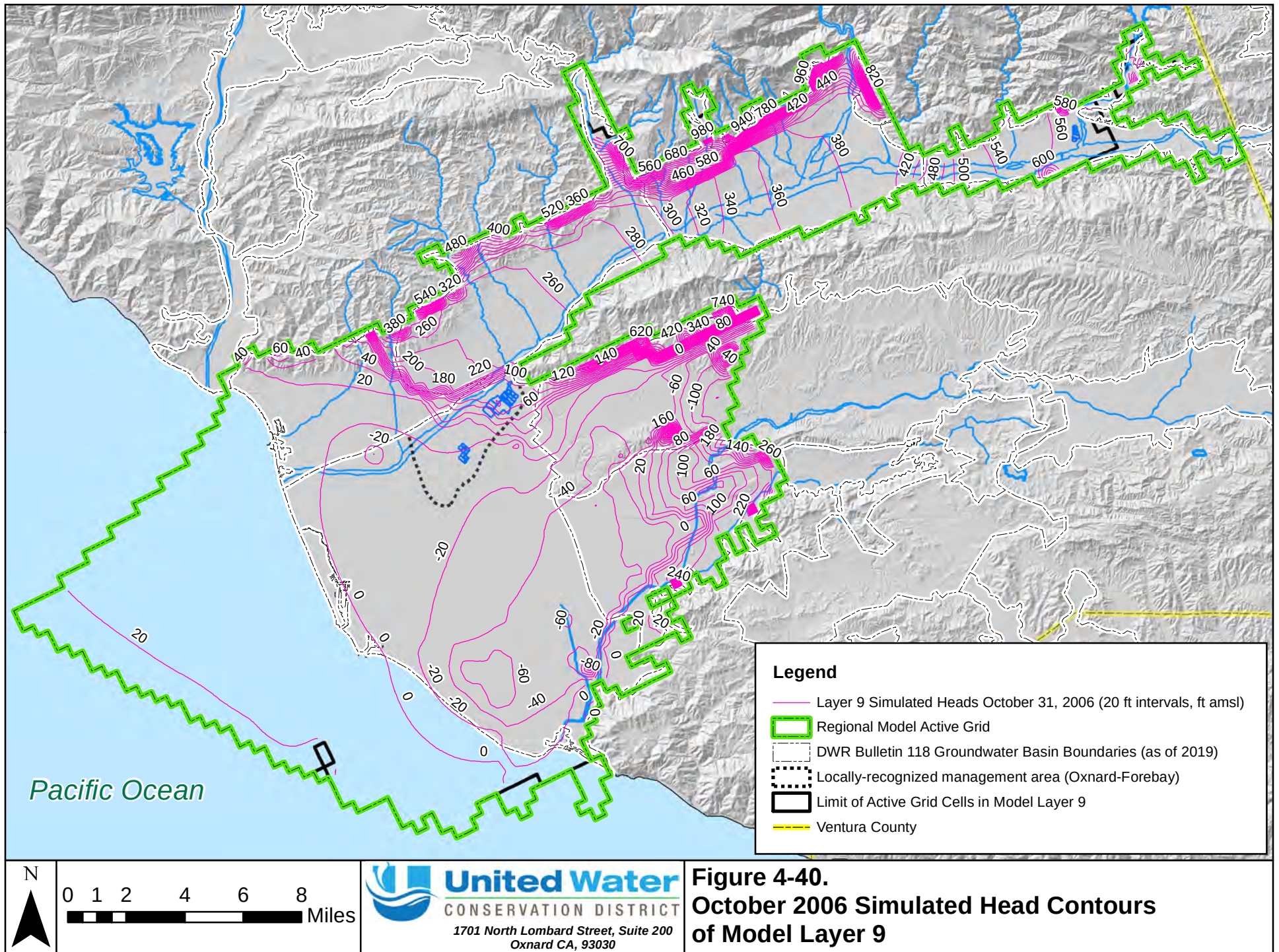


Figure 4-38.
October 2006 Simulated Head Contours
of Model Layer 7

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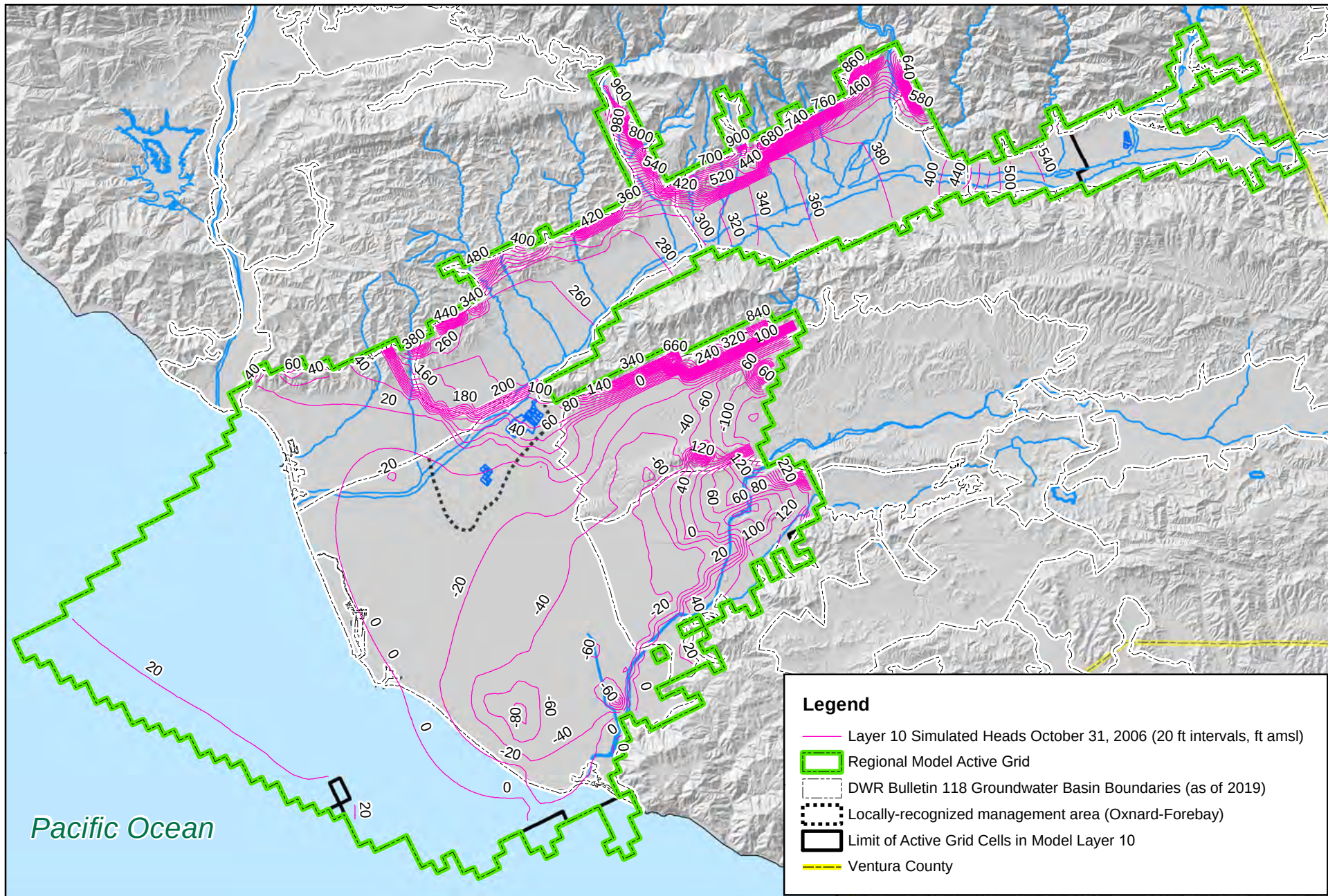
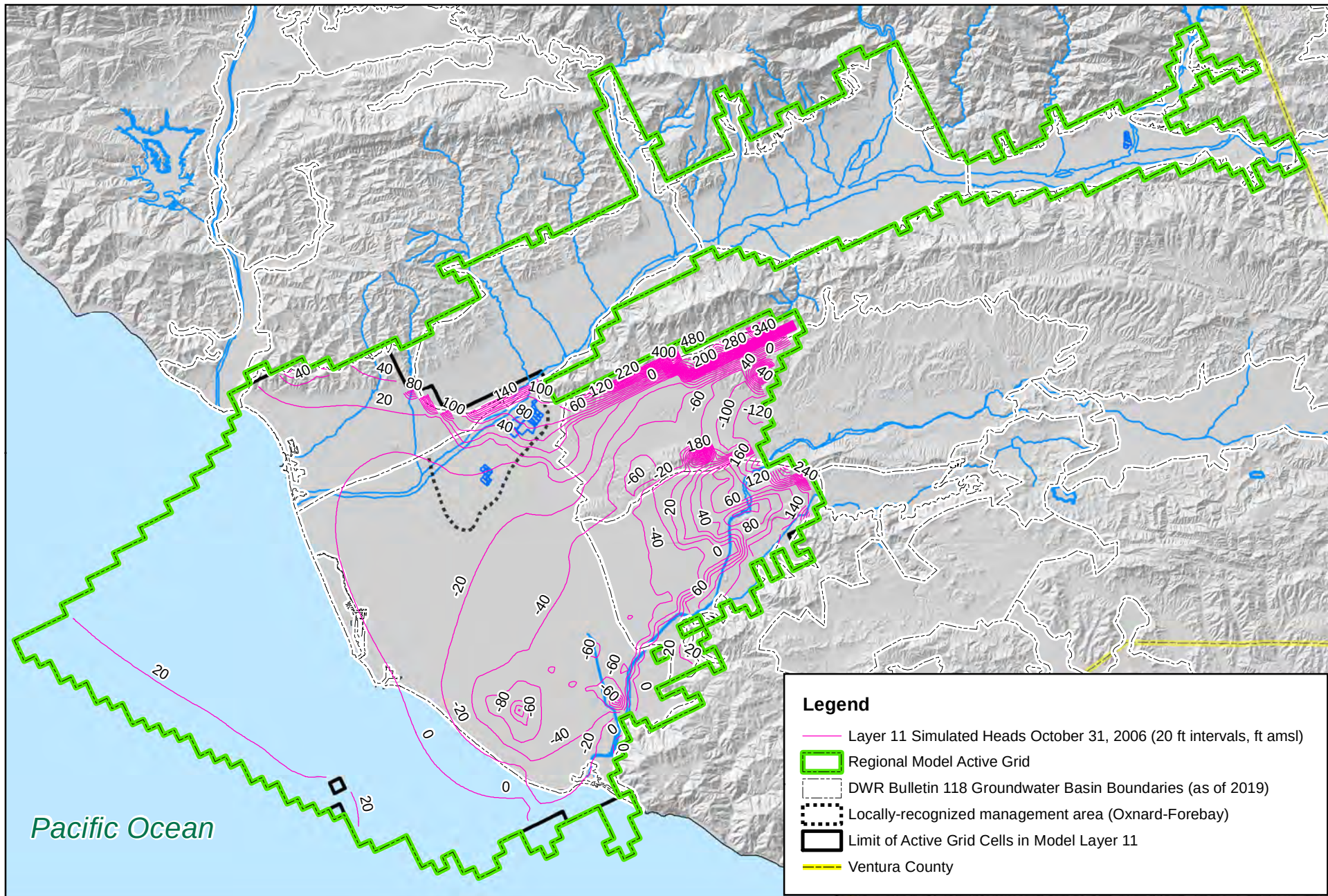


Figure 4-41.
October 2006 Simulated Head Contours
of Model Layer 10

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Pacific Ocean

Legend

- Layer 11 Simulated Heads October 31, 2006 (20 ft intervals, ft amsl)
- ▬ Regional Model Active Grid
- DWR Bulletin 118 Groundwater Basin Boundaries (as of 2019)
- ⋯ Locally-recognized management area (Oxnard-Forebay)
- ▬ Limit of Active Grid Cells in Model Layer 11
- Ventura County

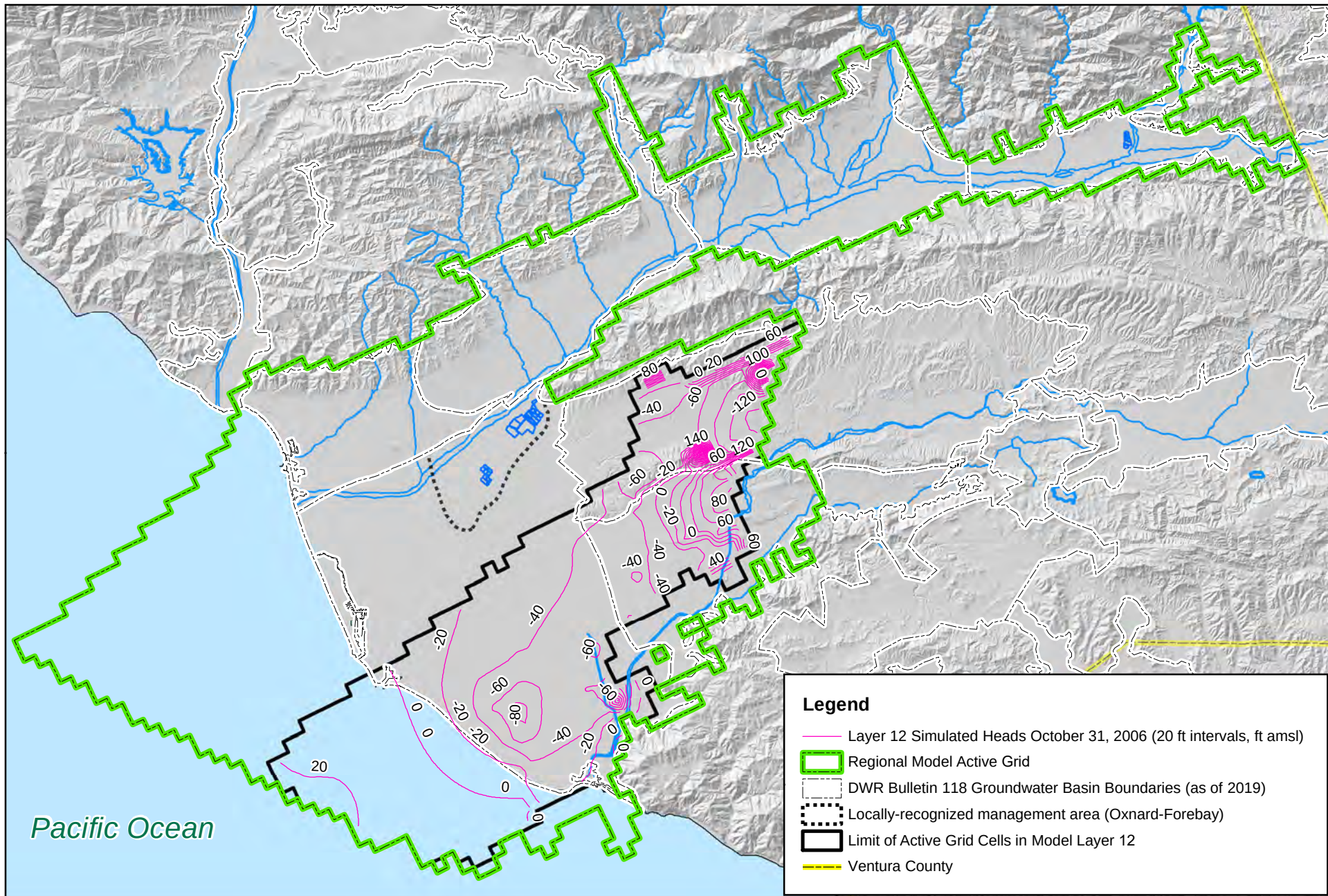


0 1 2 4 6 8 Miles



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Figure 4-42.
October 2006 Simulated Head Contours
of Model Layer 11



Legend

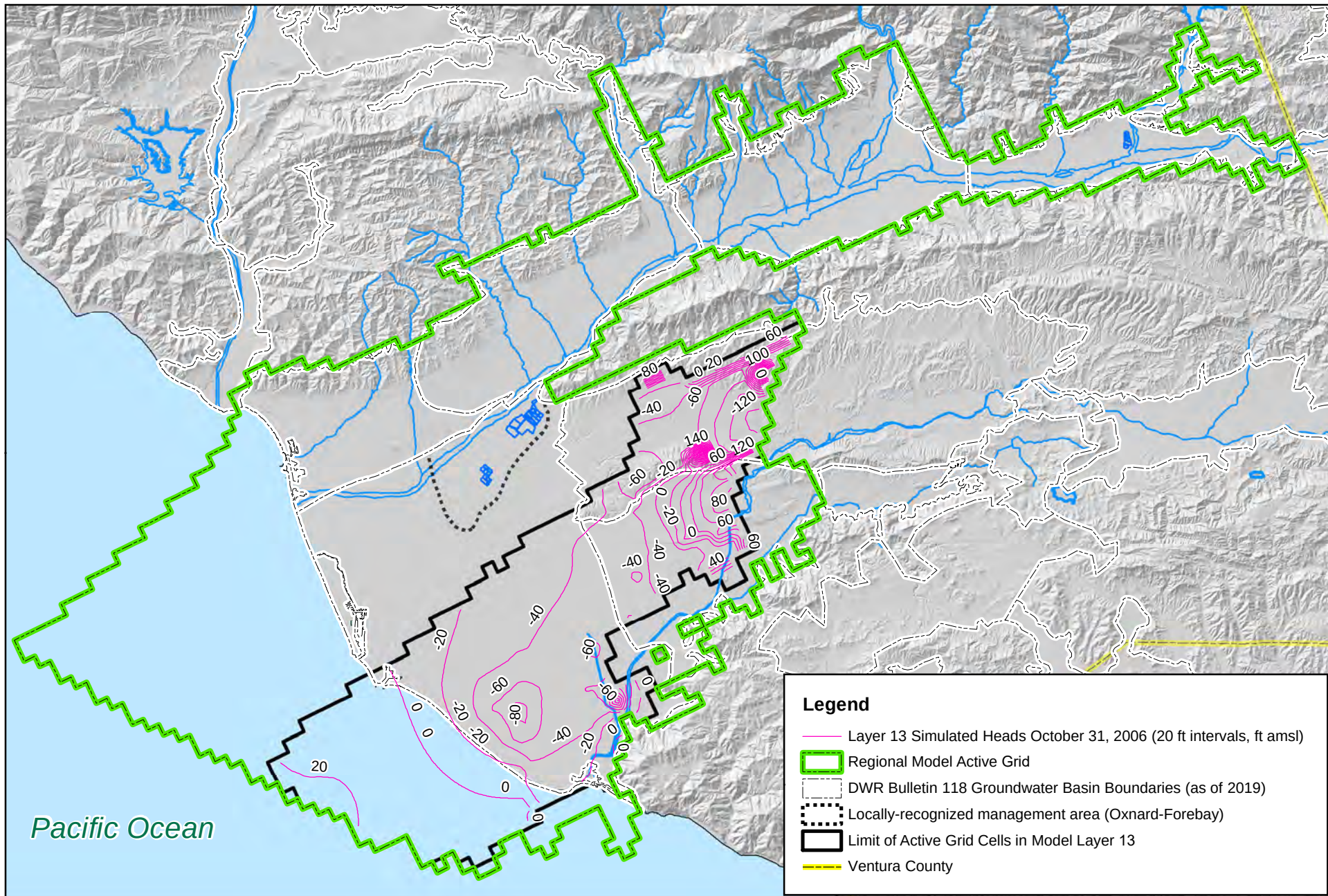
- Layer 12 Simulated Heads October 31, 2006 (20 ft intervals, ft amsl)
- Regional Model Active Grid
- DWR Bulletin 118 Groundwater Basin Boundaries (as of 2019)
- Locally-recognized management area (Oxnard-Forebay)
- Limit of Active Grid Cells in Model Layer 12
- Ventura County

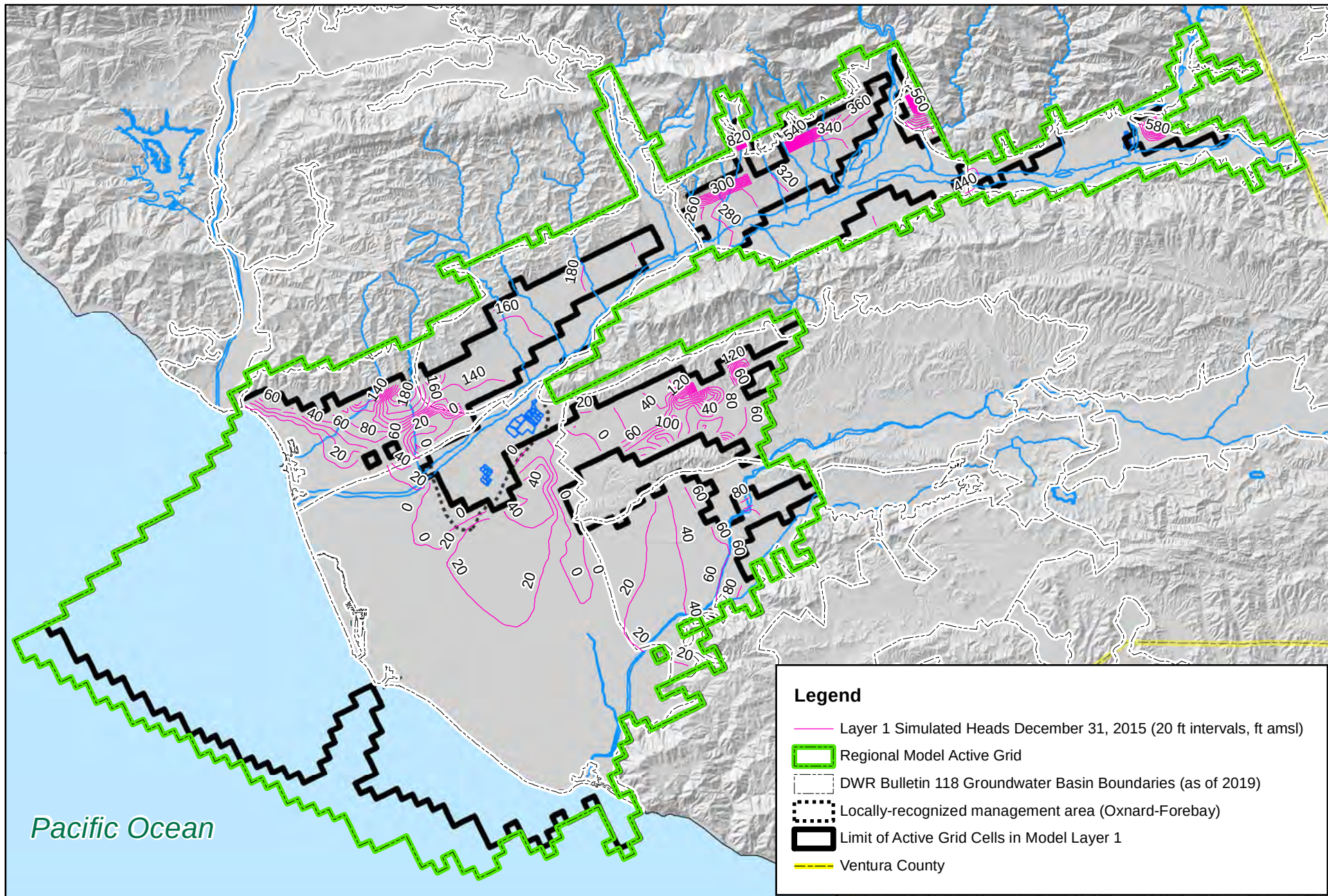
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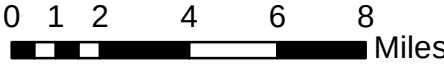
0 1 2 4 6 8 Miles

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Figure 4-43.
October 2006 Simulated Head Contours
of Model Layer 12

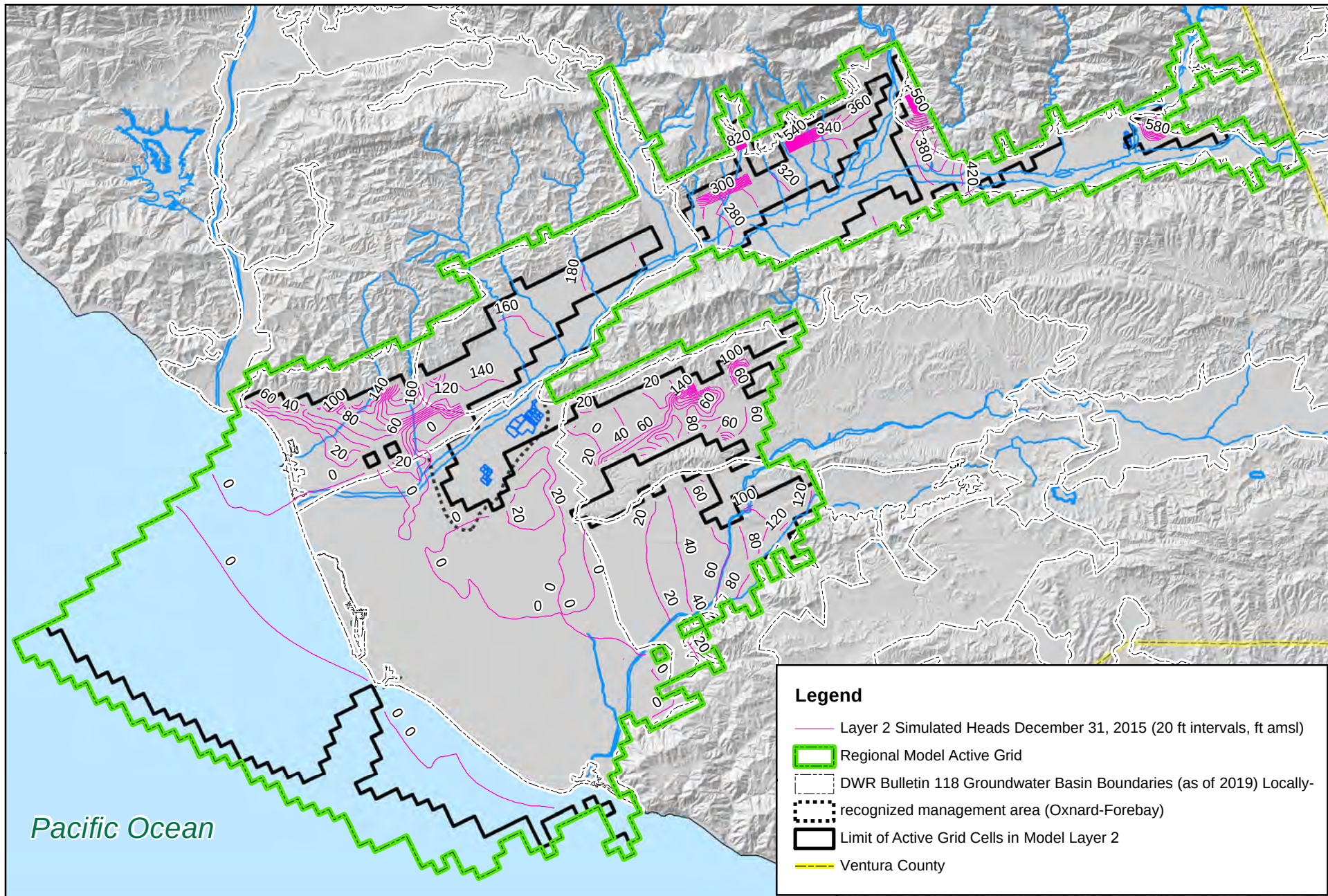


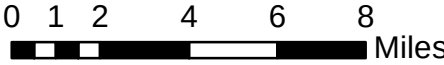


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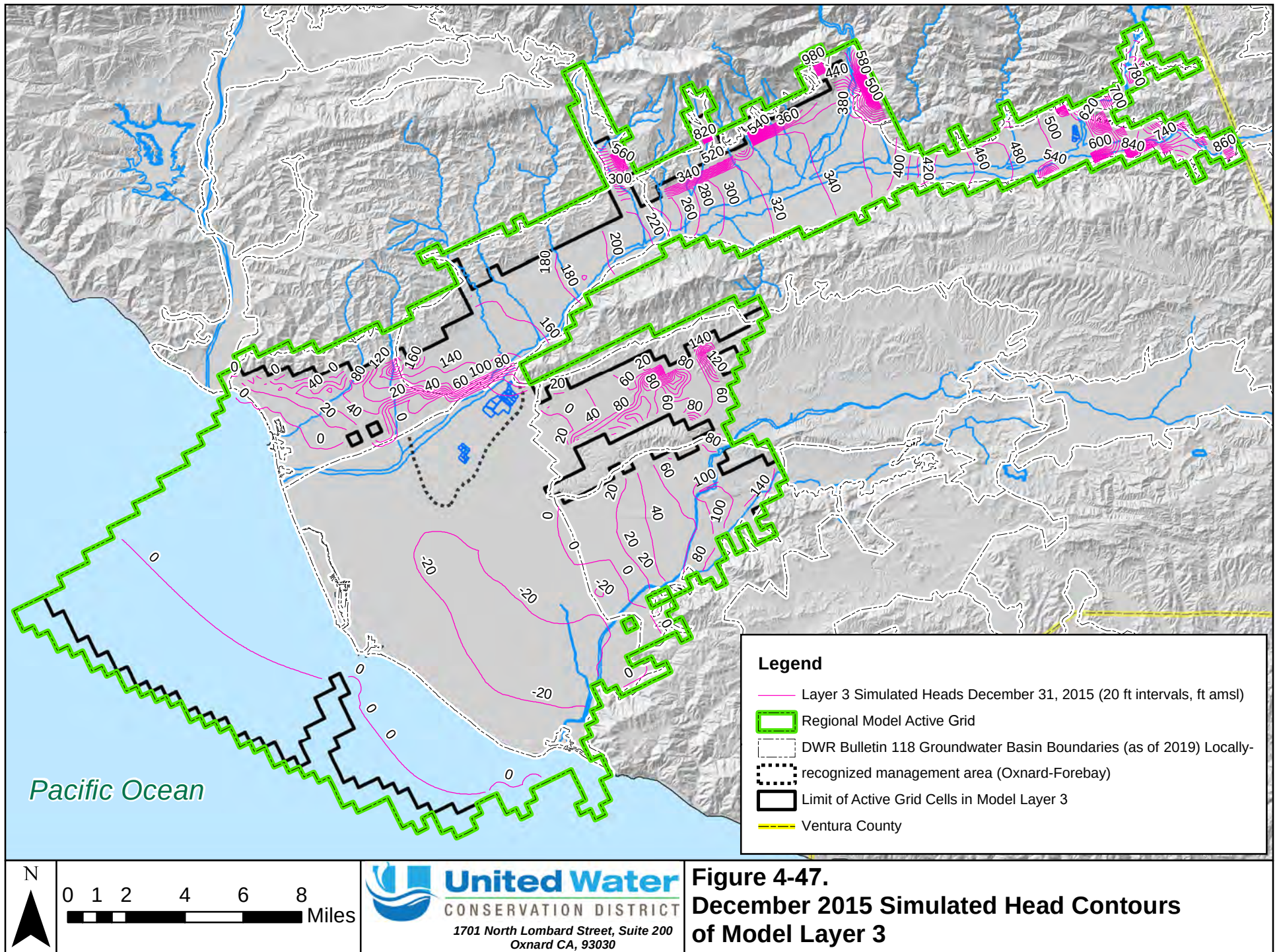
Figure 4-45.
December 2015 Simulated Head Contours
of Model Layer 1



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Figure 4-46.
December 2015 Simulated Head Contours
of Model Layer 2



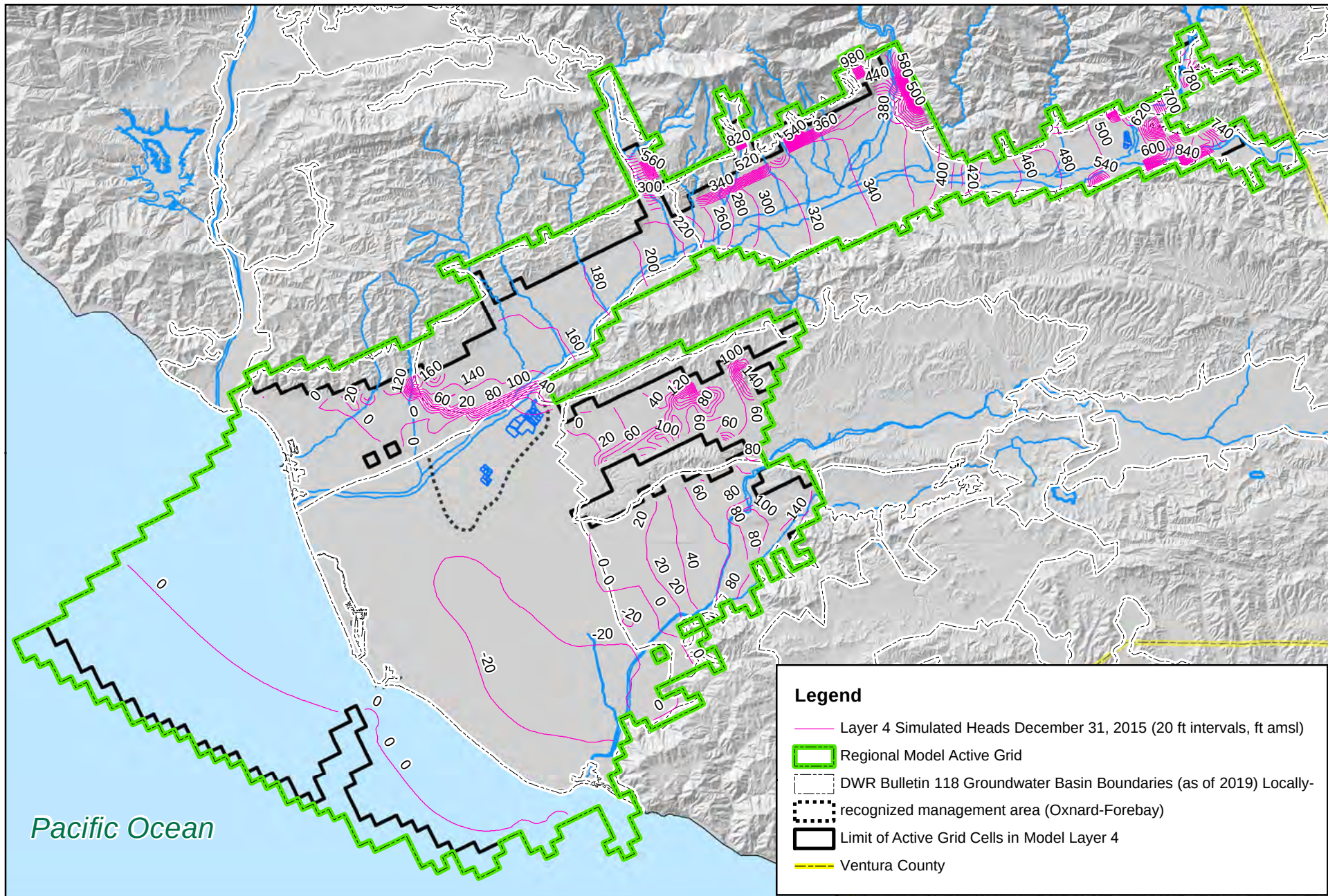


Figure 4-48.
December 2015 Simulated Head Contours
of Model Layer 4

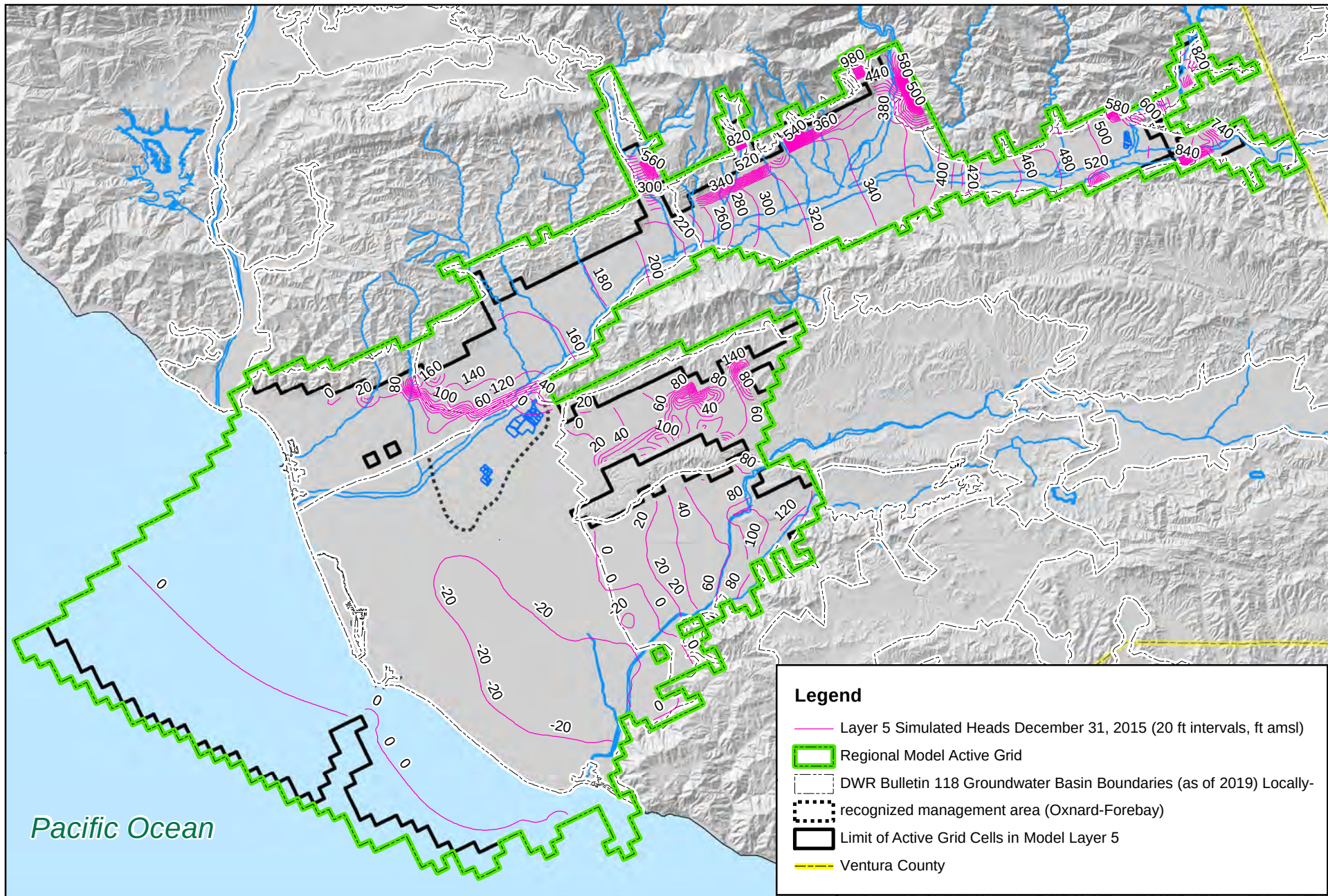


Figure 4-49.
December 2015 Simulated Head Contours
of Model Layer 5

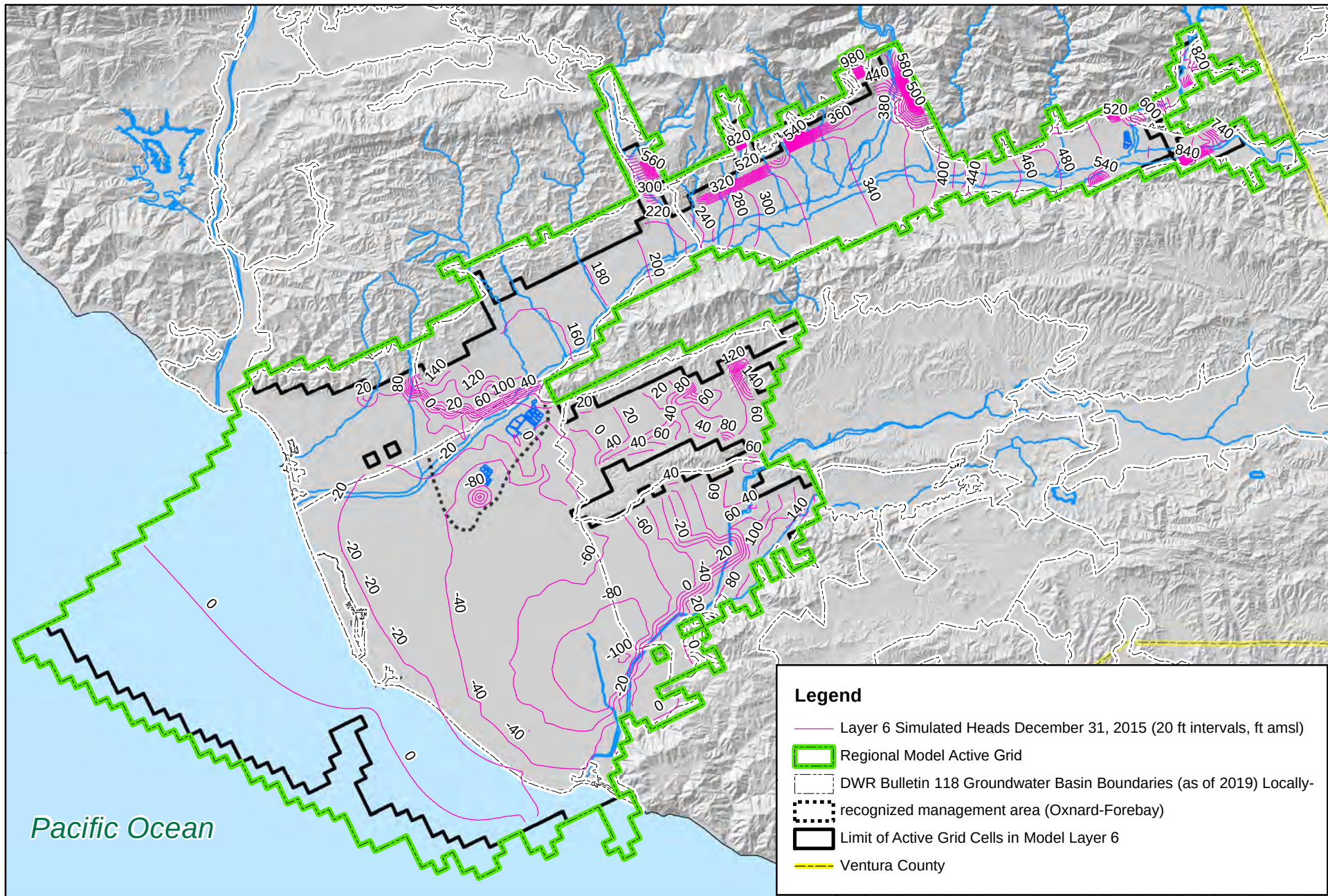


Figure 4-50.
December 2015 Simulated Head Contours
of Model Layer 6

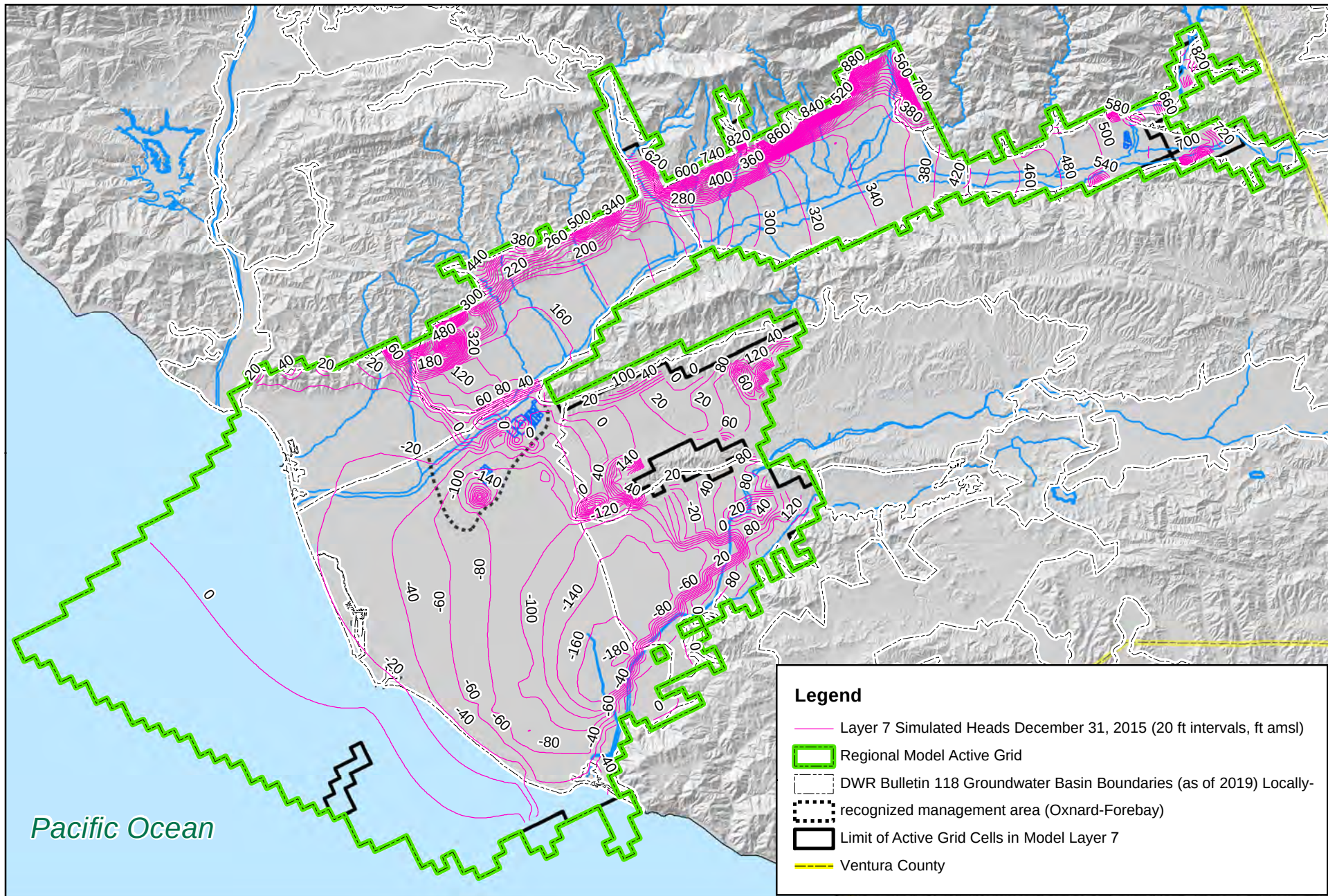


Figure 4-51.
December 2015 Simulated Head Contours
of Model Layer 7

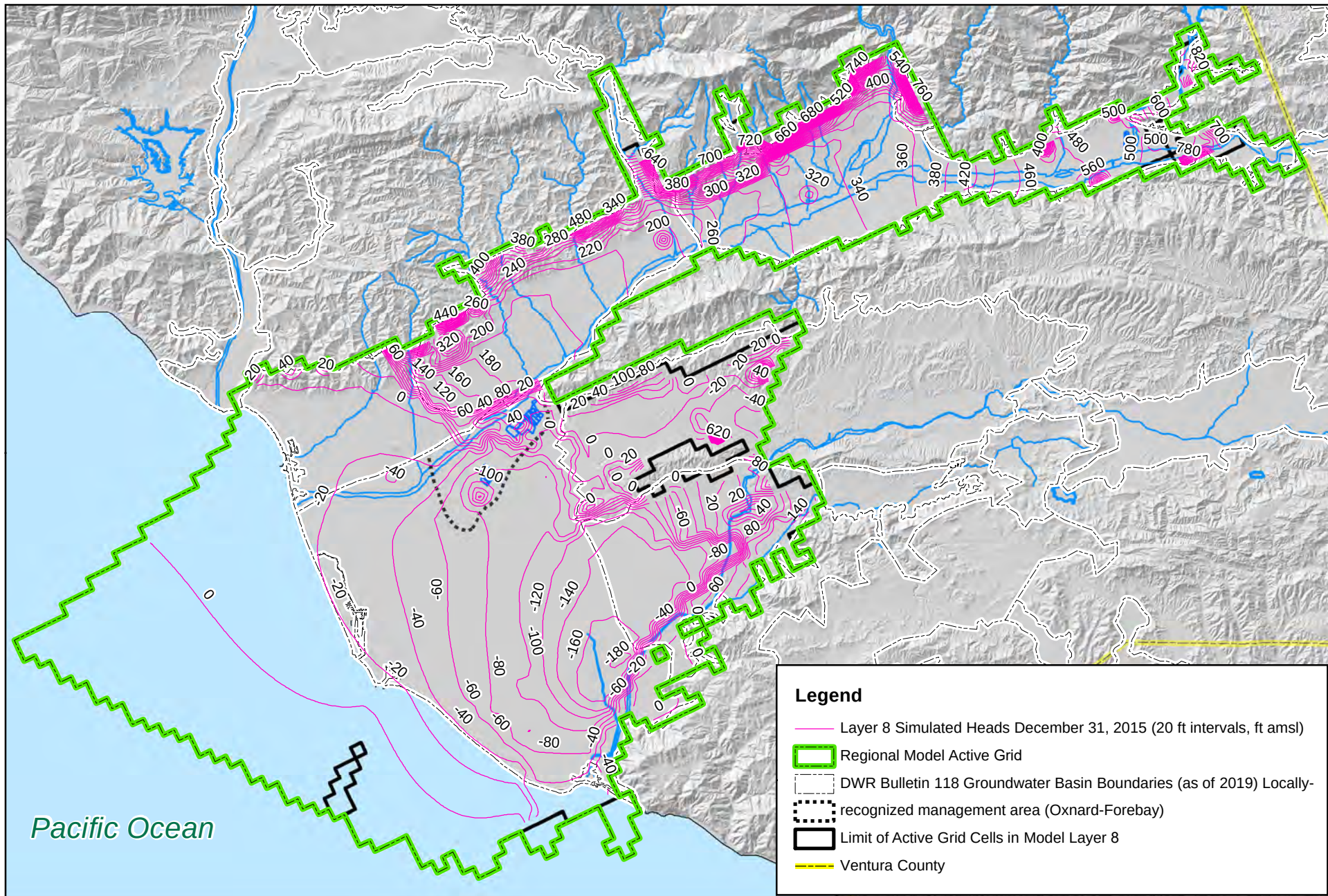


Figure 4-52.
December 2015 Simulated Head Contours
of Model Layer 8

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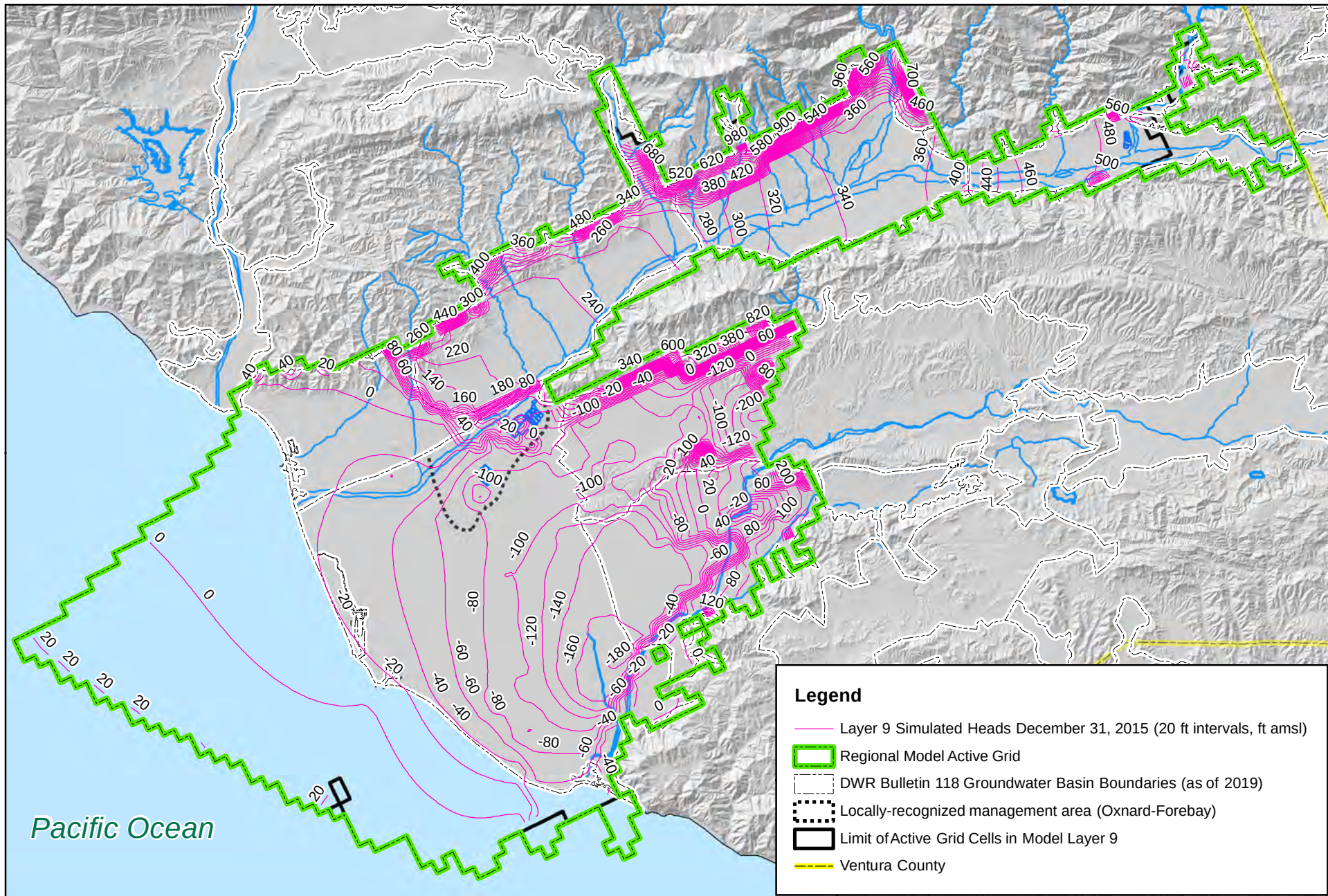


Figure 4-53.
December 2015 Simulated Head Contours
of Model Layer 9

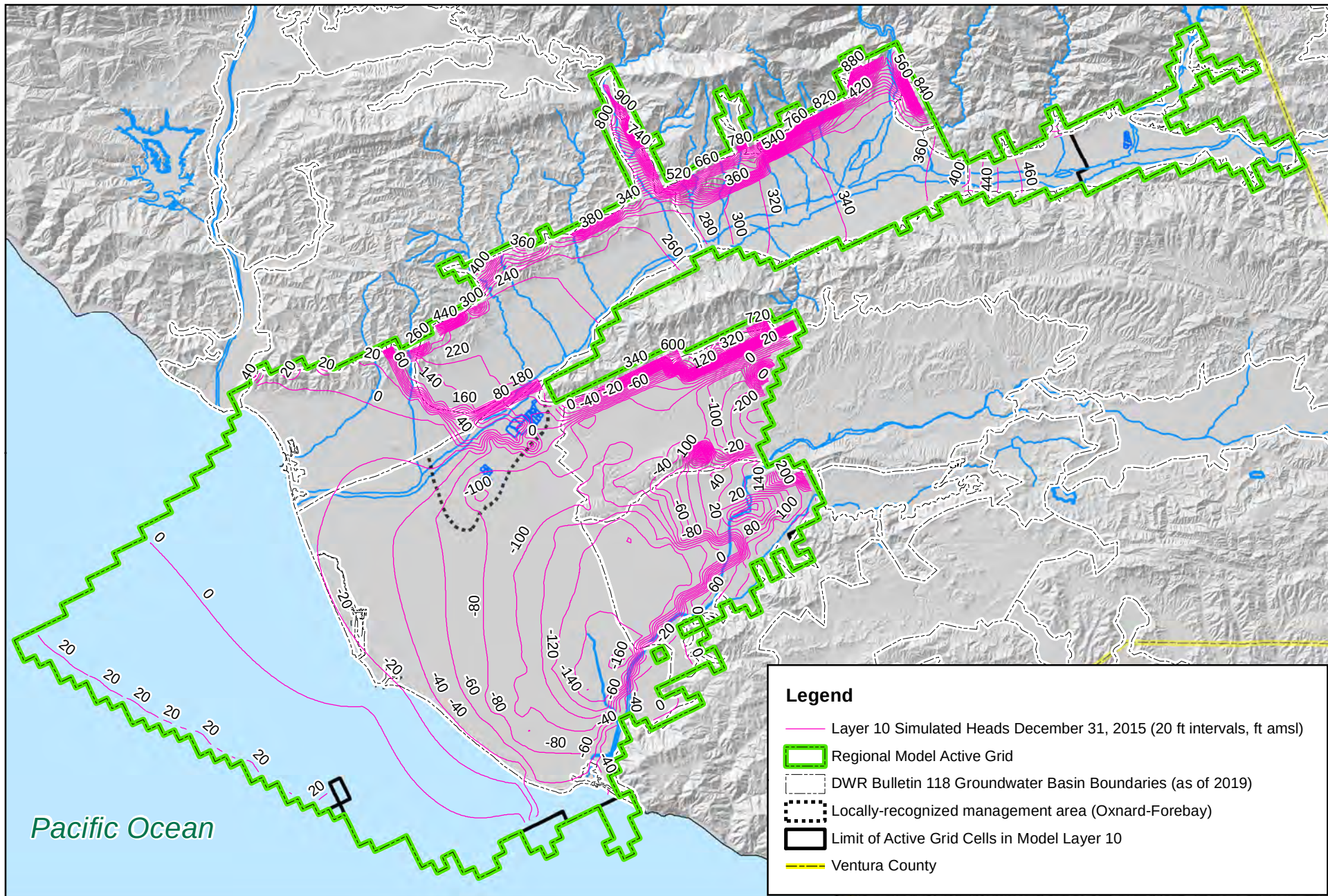
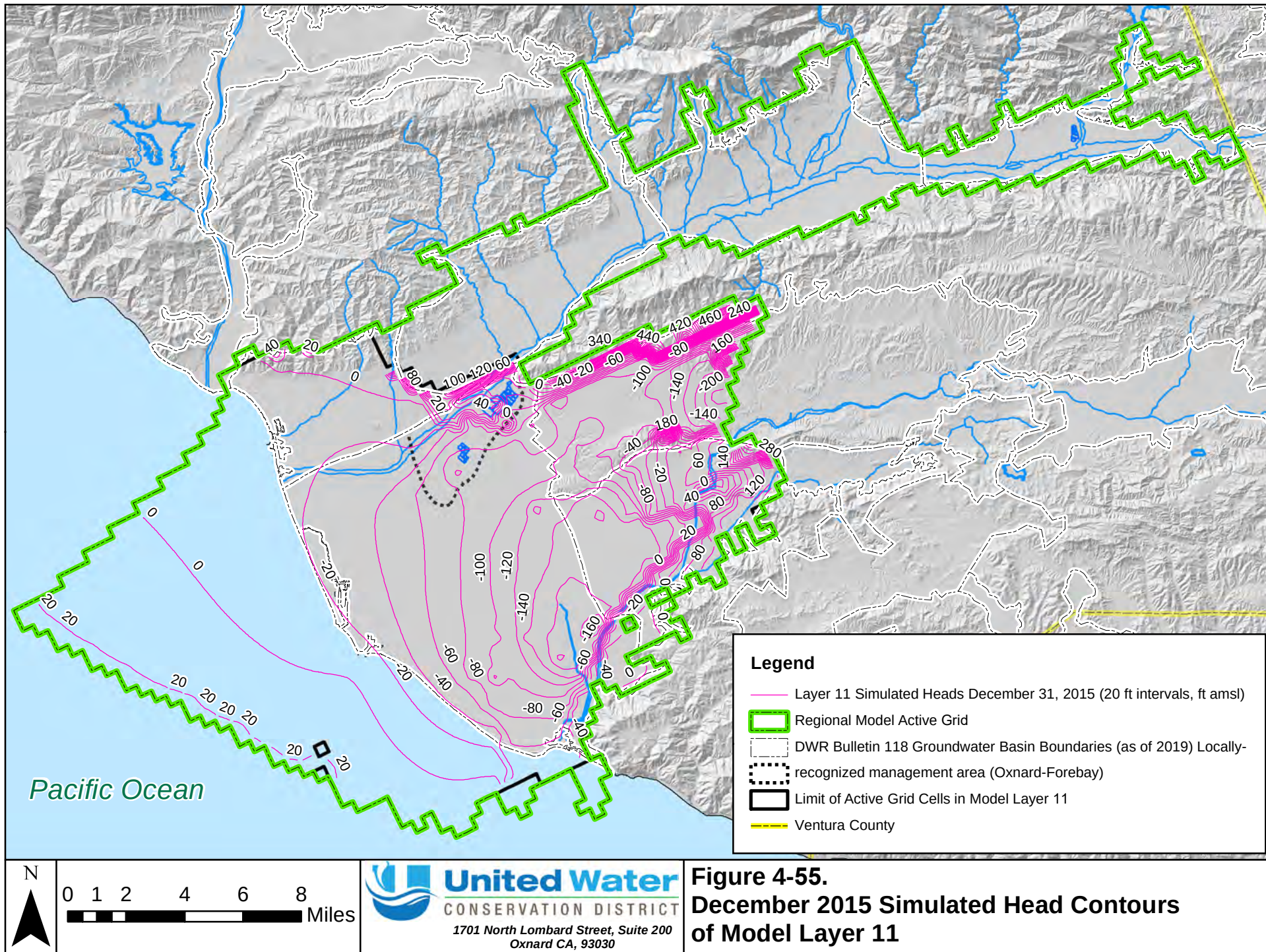
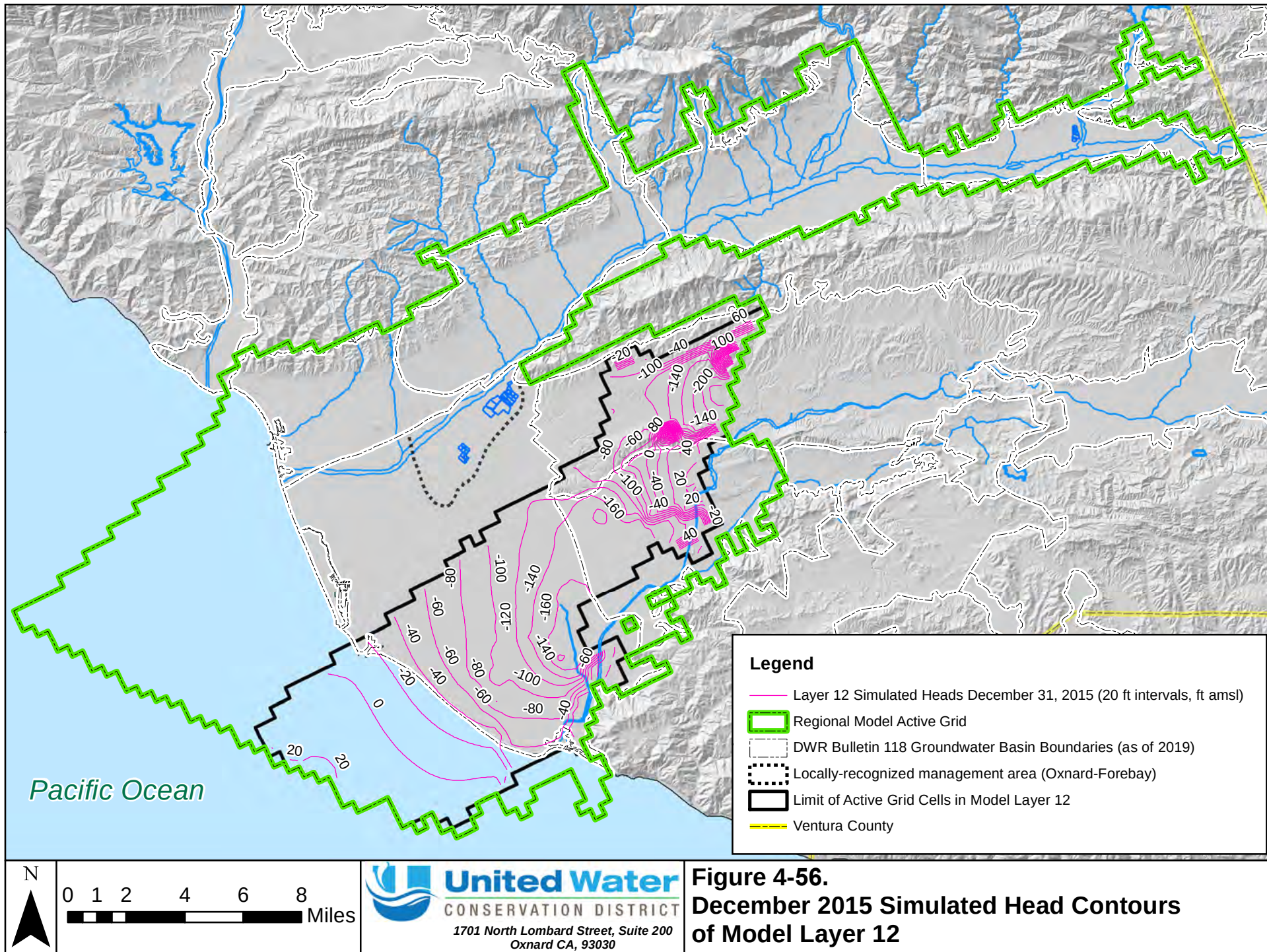
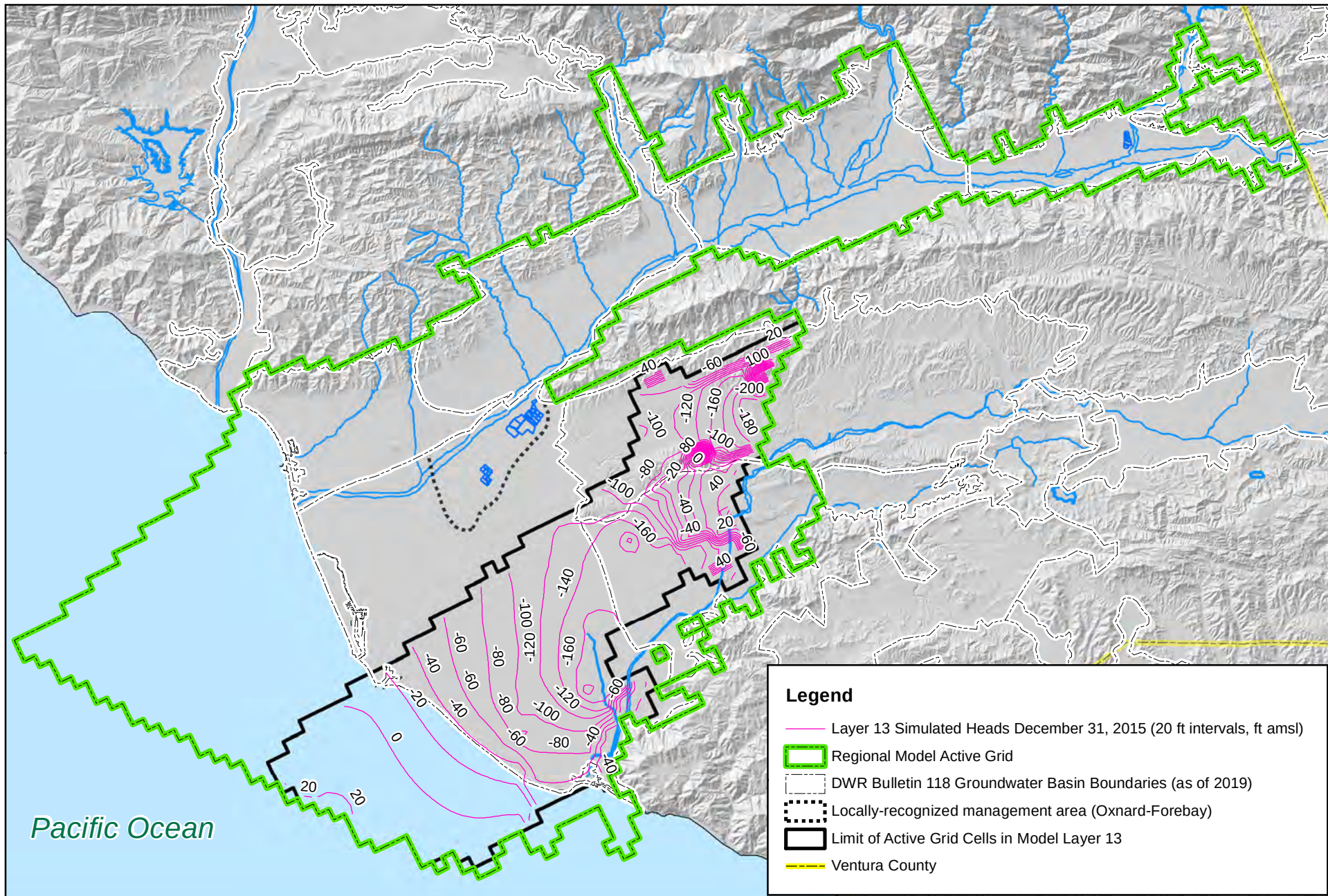
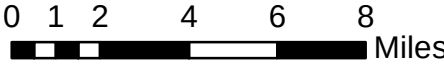


Figure 4-54.
December 2015 Simulated Head Contours
of Model Layer 10



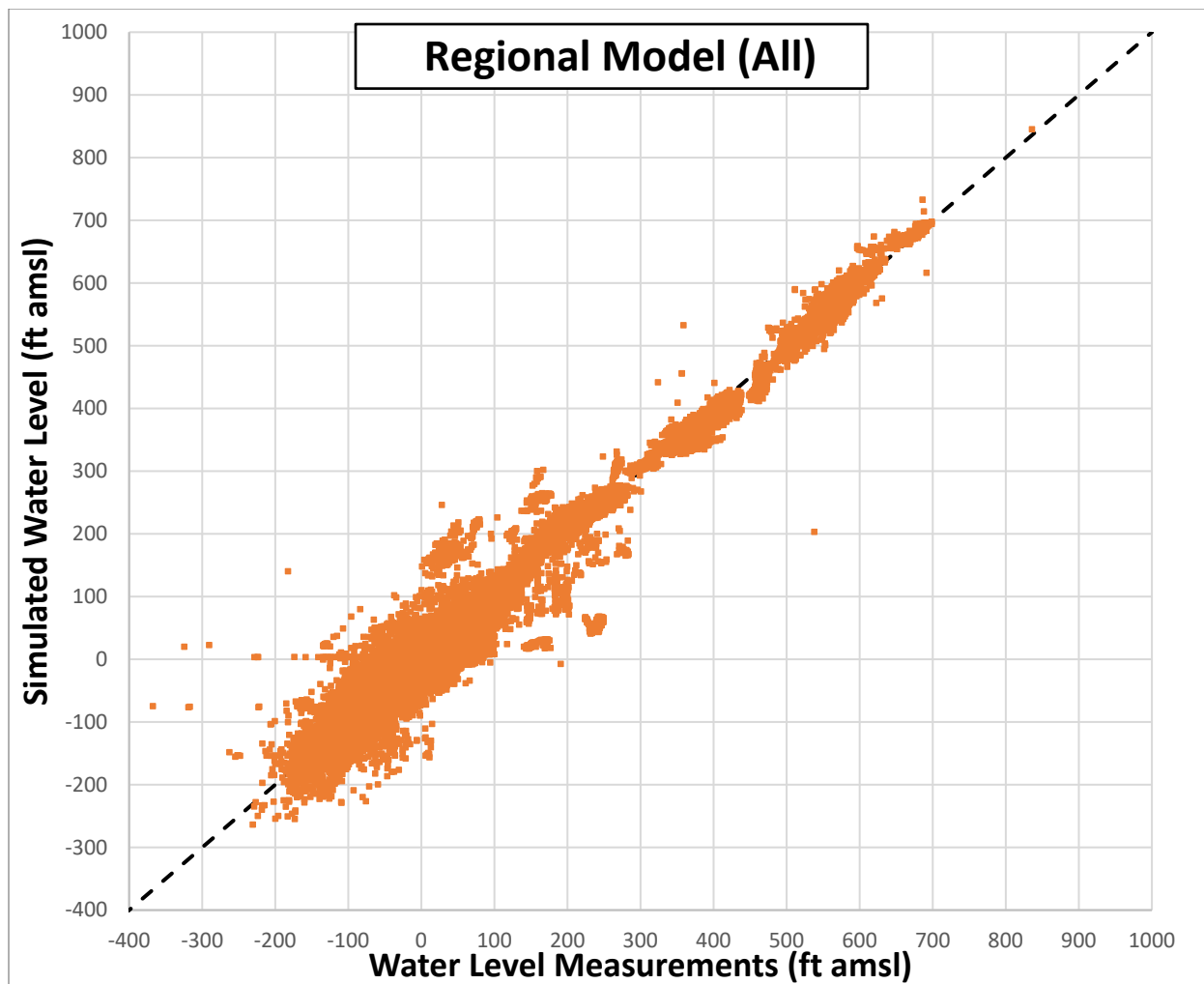




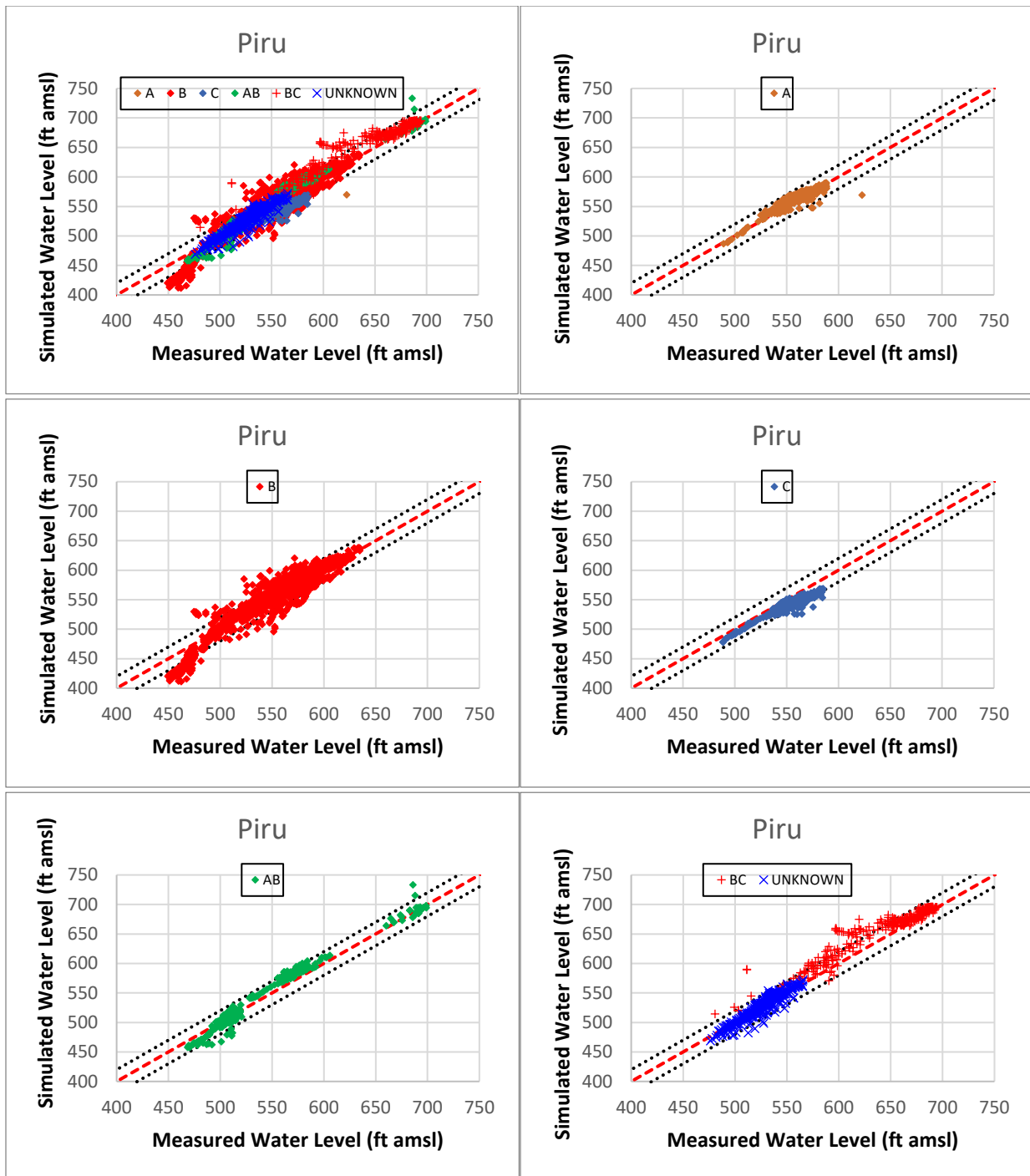
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Figure 4-57.
December 2015 Simulated Head Contours
of Model Layer 13



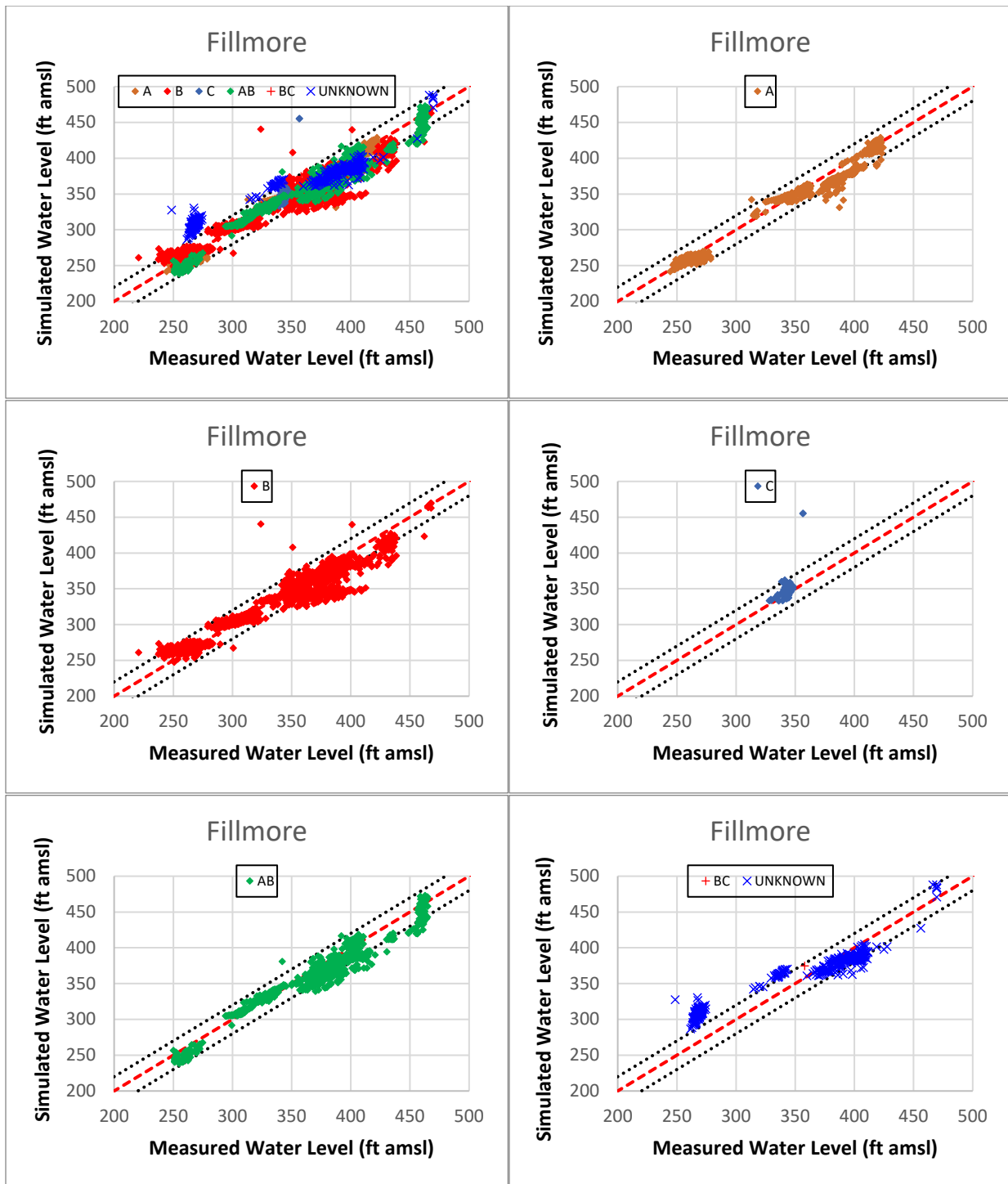
Note: Dashed black line represents a 1 : 1 relationship between measured and simulated groundwater levels.

Figure 4-58. Scatterplots of Simulated versus Measured Groundwater Elevations in the Regional Model Domain (all)



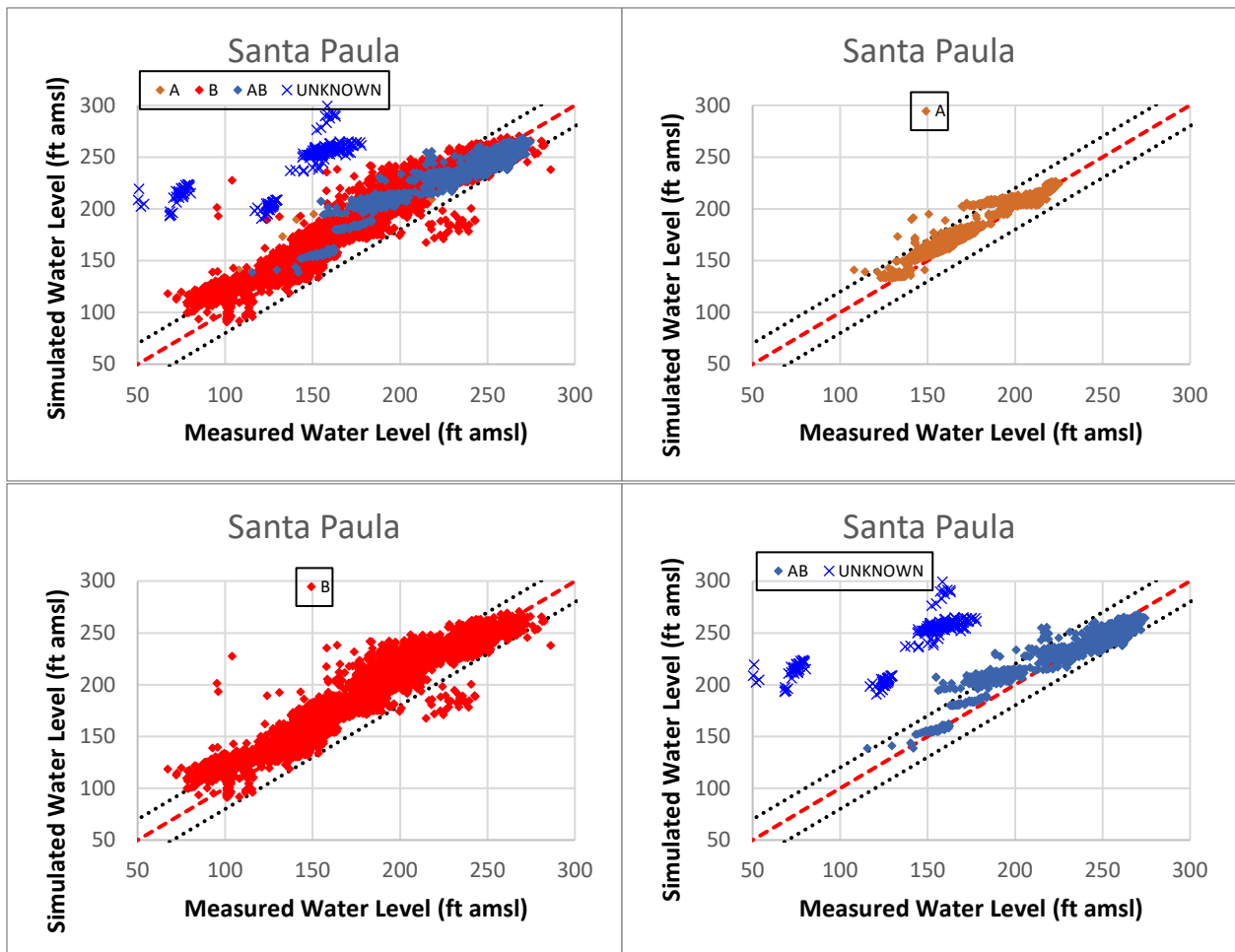
Note: Dashed red line in each graph represents a 1 : 1 relationship between measured and simulated groundwater levels. Dotted black lines are offset 20 feet above and below the 1 : 1 (dashed red) line.

Figure 4-59: Scatterplots of Simulated versus Measured Groundwater Elevations in the Piru Basin



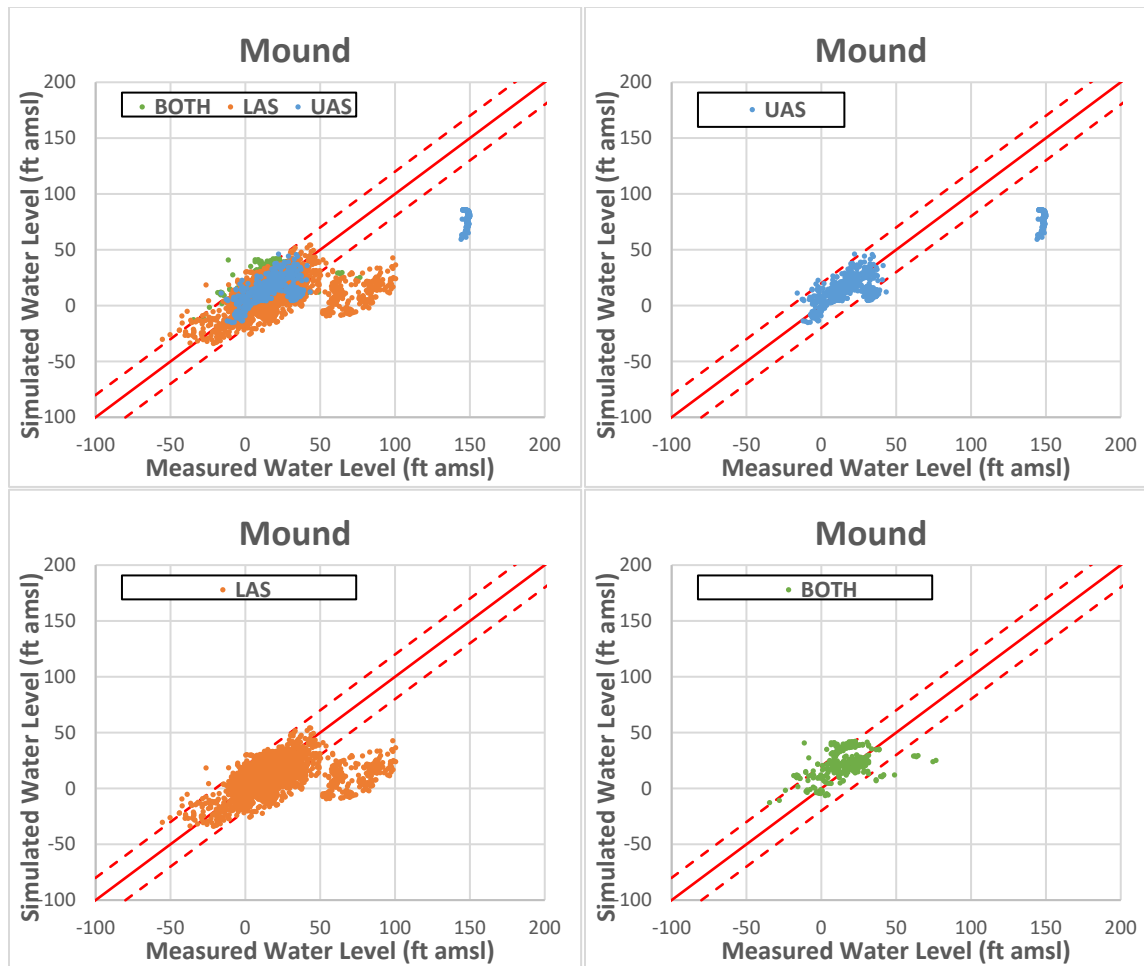
Note: Dashed red line in each graph represents a 1 : 1 relationship between measured and simulated groundwater levels. Dotted black lines are offset 20 feet above and below the 1 : 1 (dashed red) line.

Figure 4-60: Scatterplots of Simulated versus Measured Groundwater Elevations in the Fillmore Basin



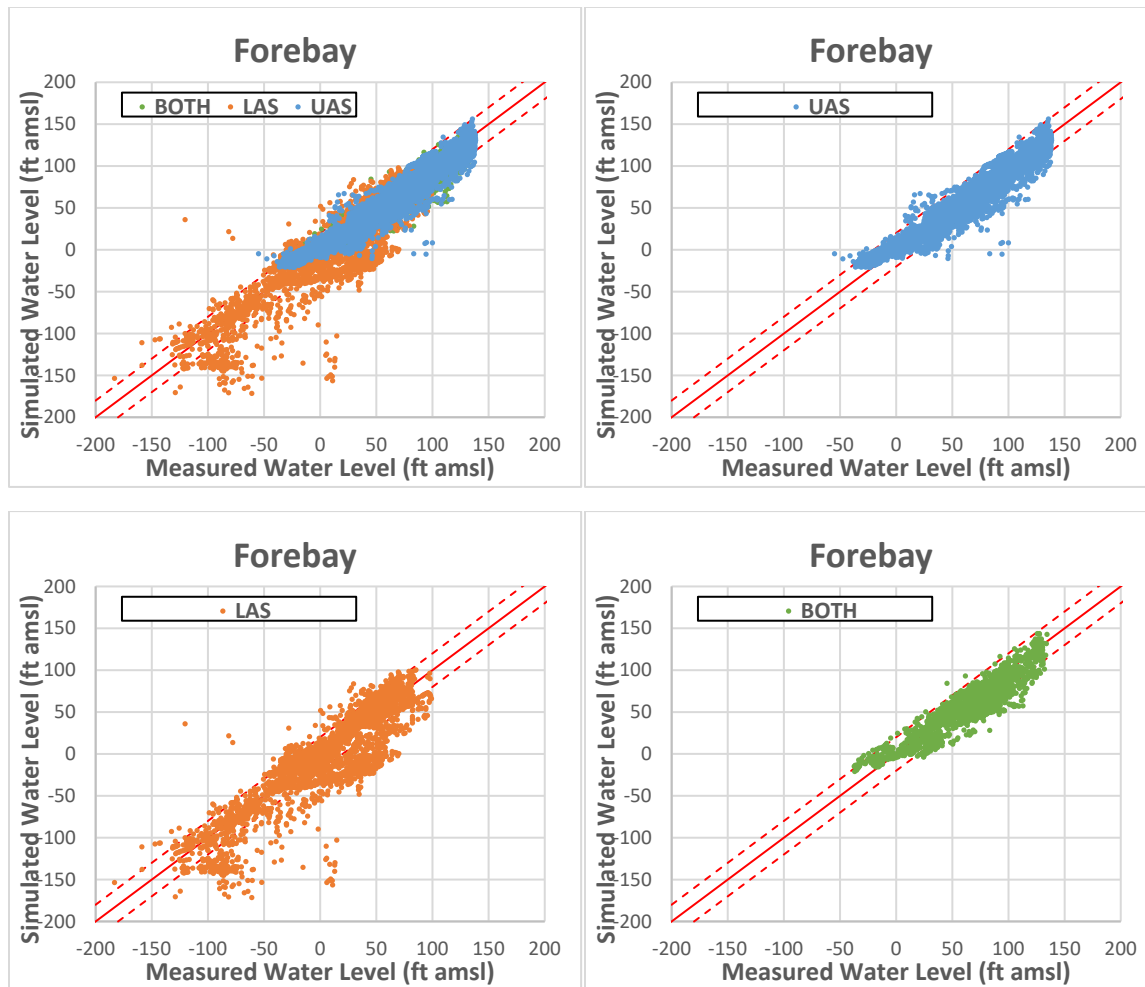
Note: Dashed red line in each graph represents a 1 : 1 relationship between measured and simulated groundwater levels. Dotted black lines are offset 20 feet above and below the 1 : 1 (dashed red) line.

Figure 4-61: Scatterplots of Simulated versus Measured Groundwater Elevations in the Santa Paula Basin



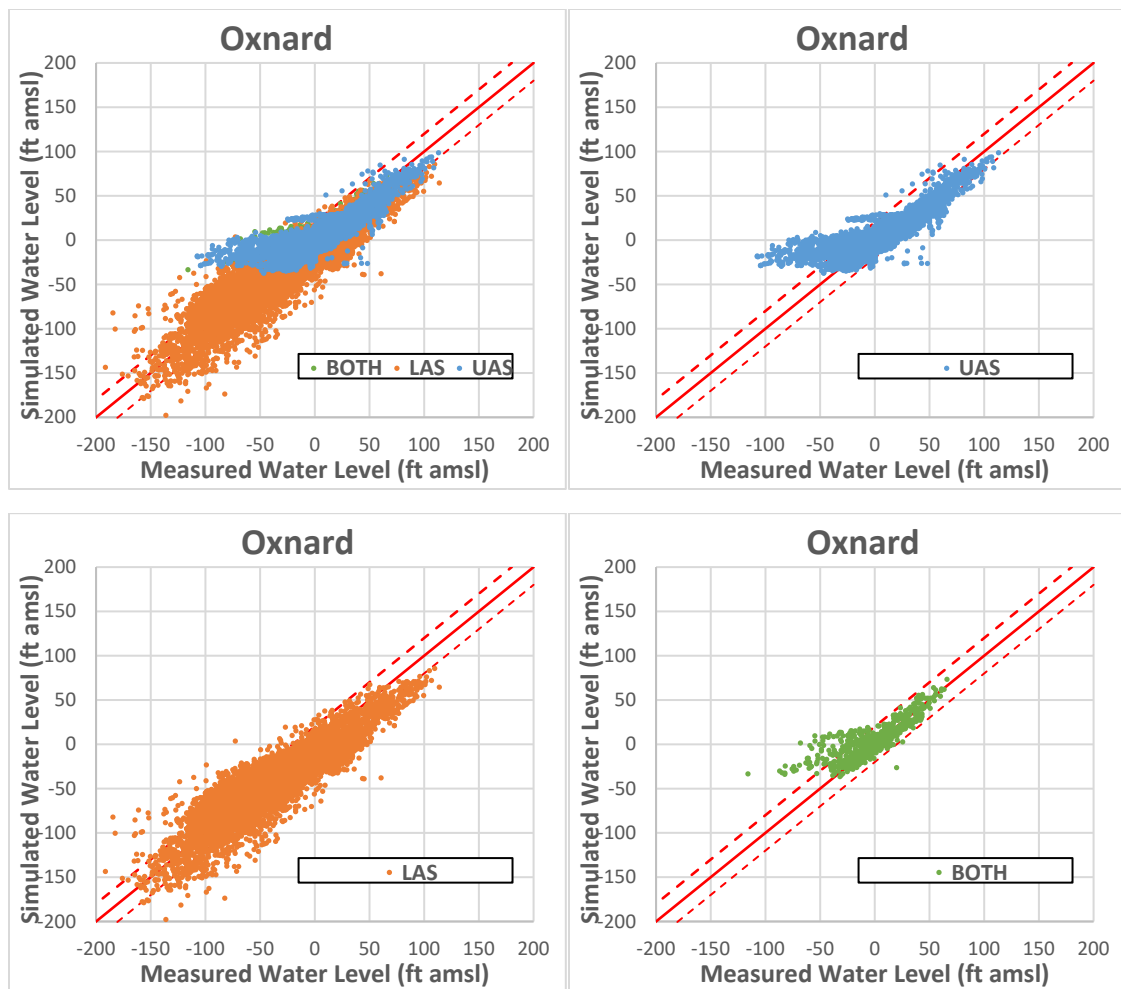
Note: Solid red line in each graph represents a 1 : 1 relationship between measured and simulated groundwater levels. Dashed red lines are offset 20 feet above and below the 1 : 1 (solid) line.

Figure 4-62. Scatterplots of Simulated versus Measured Groundwater Elevations in the Mound Basin



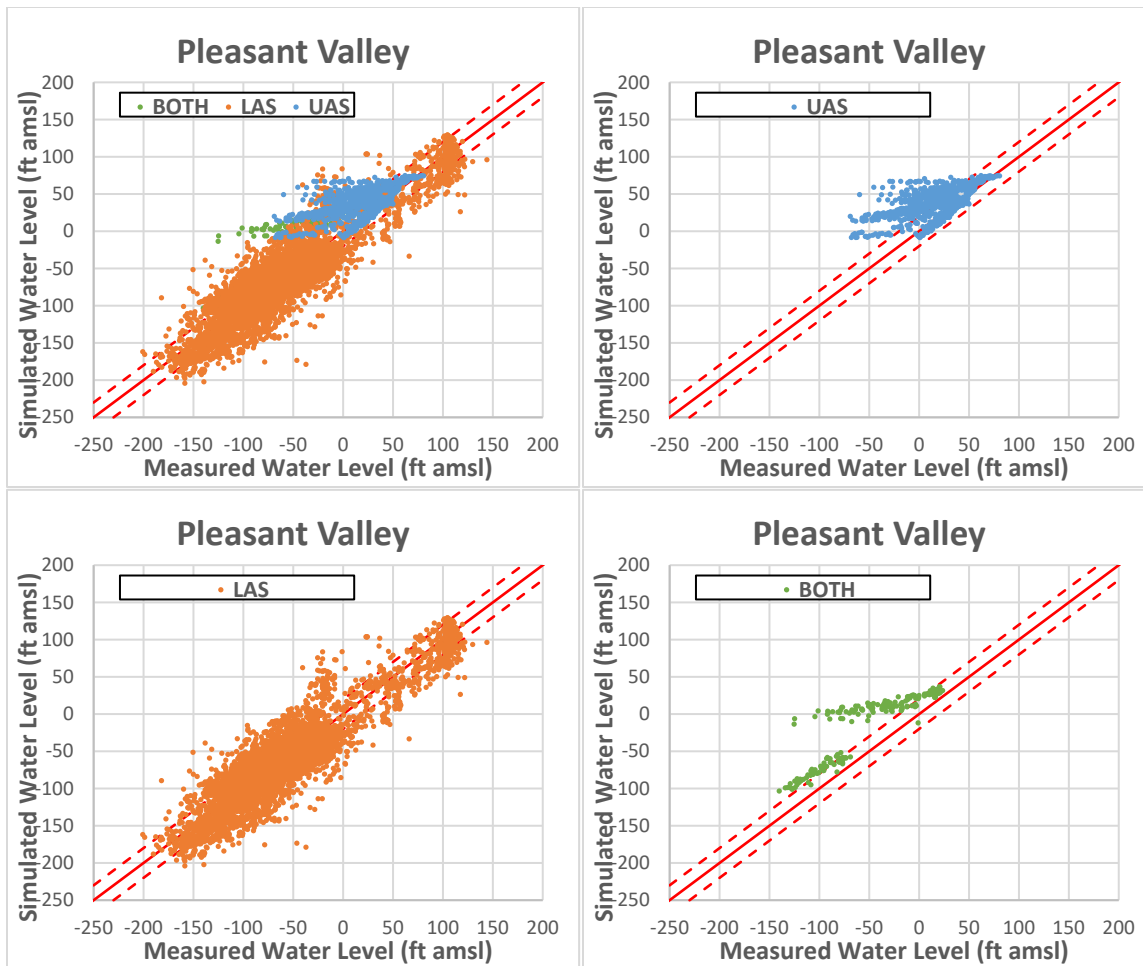
Note: Solid red line in each graph represents a 1 : 1 relationship between measured and simulated groundwater levels. Dashed red lines are offset 20 feet above and below the 1 : 1 (solid) line.

Figure 4-63. Scatterplots of Simulated versus Measured Groundwater Elevations in the Forebay of the Oxnard Basin



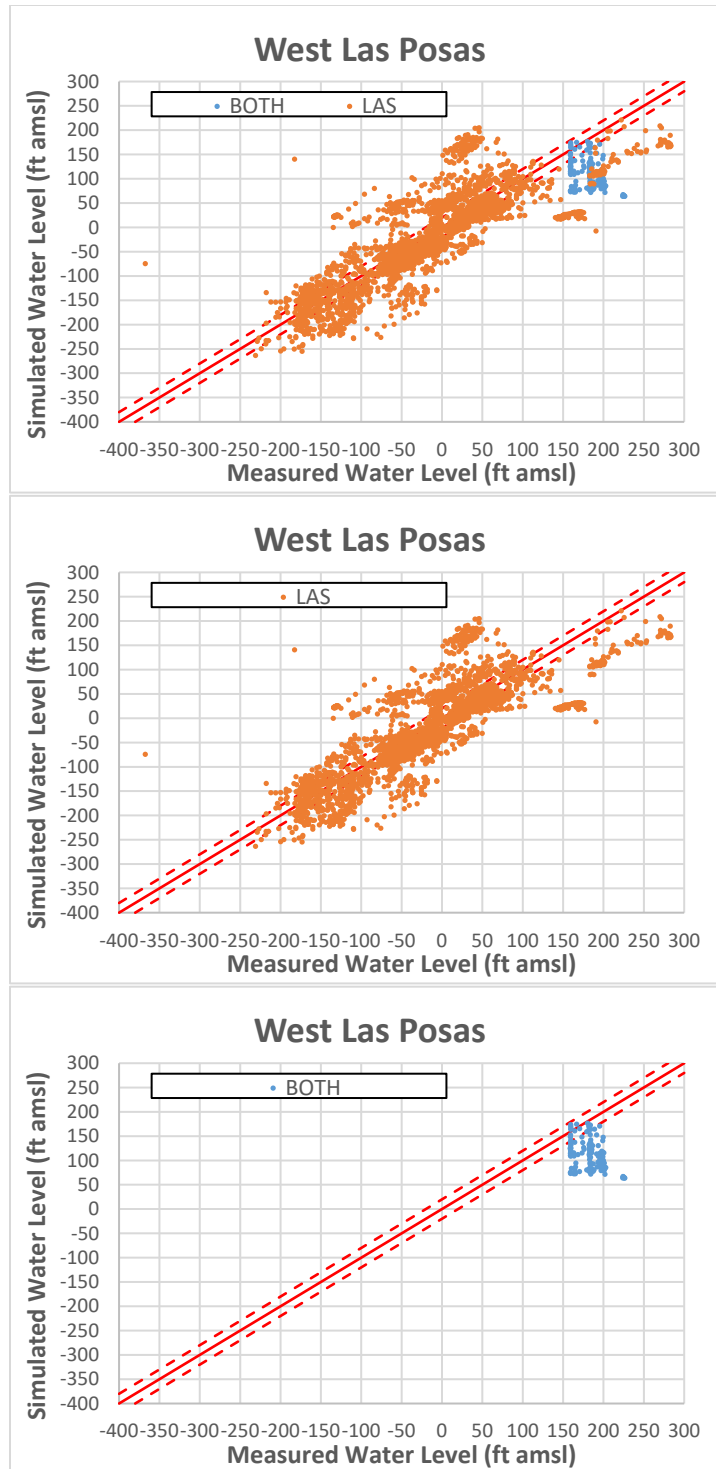
Note: Solid red line in each graph represents a 1 : 1 relationship between measured and simulated groundwater levels. Dashed red lines are offset 20 feet above and below the 1 : 1 (solid) line.

Figure 4-64. Scatterplots of Simulated versus Measured Groundwater Elevations in the Oxnard Basin



Note: Solid red line in each graph represents a 1 : 1 relationship between measured and simulated groundwater levels. Dashed red lines are offset 20 feet above and below the 1 : 1 (solid) line.

Figure 4-65. Scatterplots of Simulated versus Measured Groundwater Elevations in the Pleasant Valley Basin



Note: Solid red line in each graph represents a 1 : 1 relationship between measured and simulated groundwater levels. Dashed red lines are offset 20 feet above and below the 1 : 1 (solid) line.

Figure 4-66. Scatterplots of Simulated versus Measured Groundwater Elevations in the West Las Posas Basin

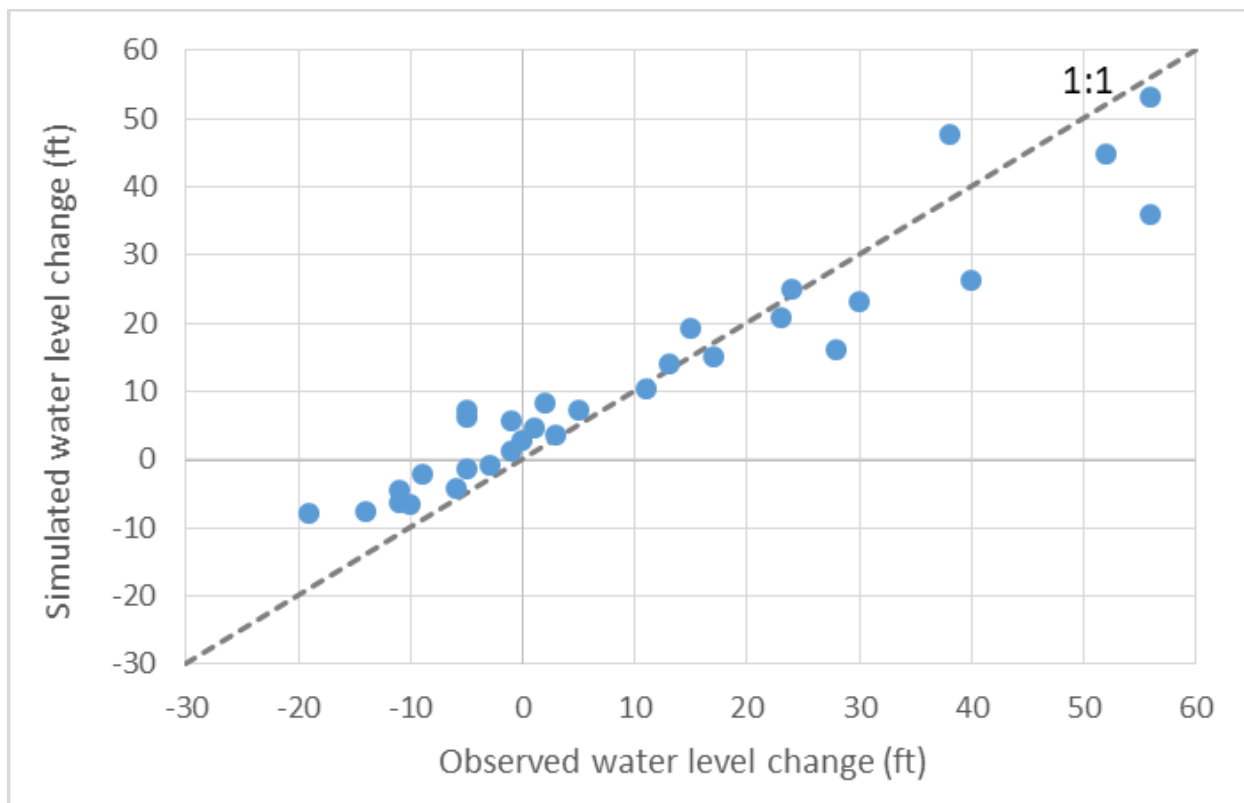


Figure 4-67. Simulated and Observed Change in Groundwater Elevation in Piru Basin (04N18W29M2) During the Wet Season (January 1 to May 1)).Groundwater elevation increases were calculated by subtracting January 1 elevations from May 1 elevations, resulting in one data point annually. Positive changes indicate an increase in groundwater elevation.

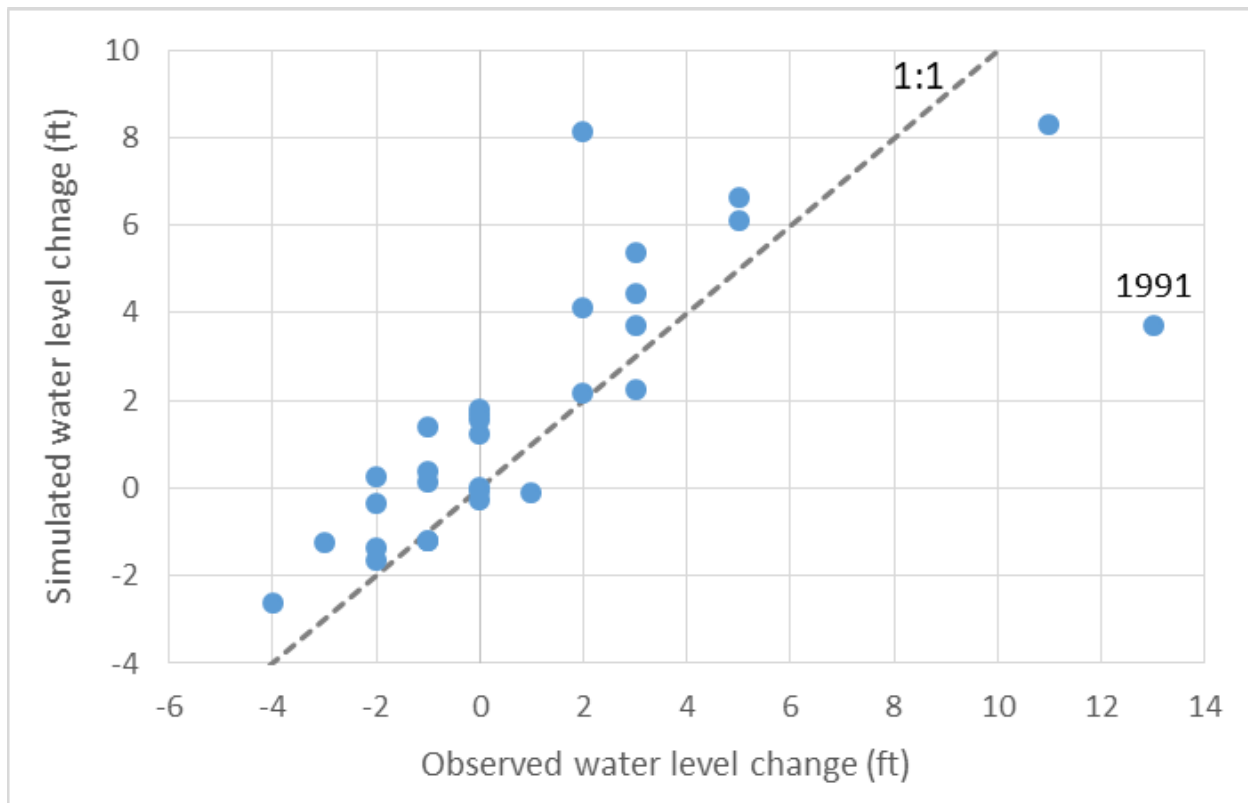


Figure 4-68. Simulated and Observed Change in Groundwater Elevation in Fillmore Basin (03N20W02A01) During the Wet Season (January 1 to May 1). Groundwater elevation increases were calculated by subtracting January 1 elevations from May 1 elevations, resulting in one data point annually. Positive changes indicate an increase in groundwater elevation.

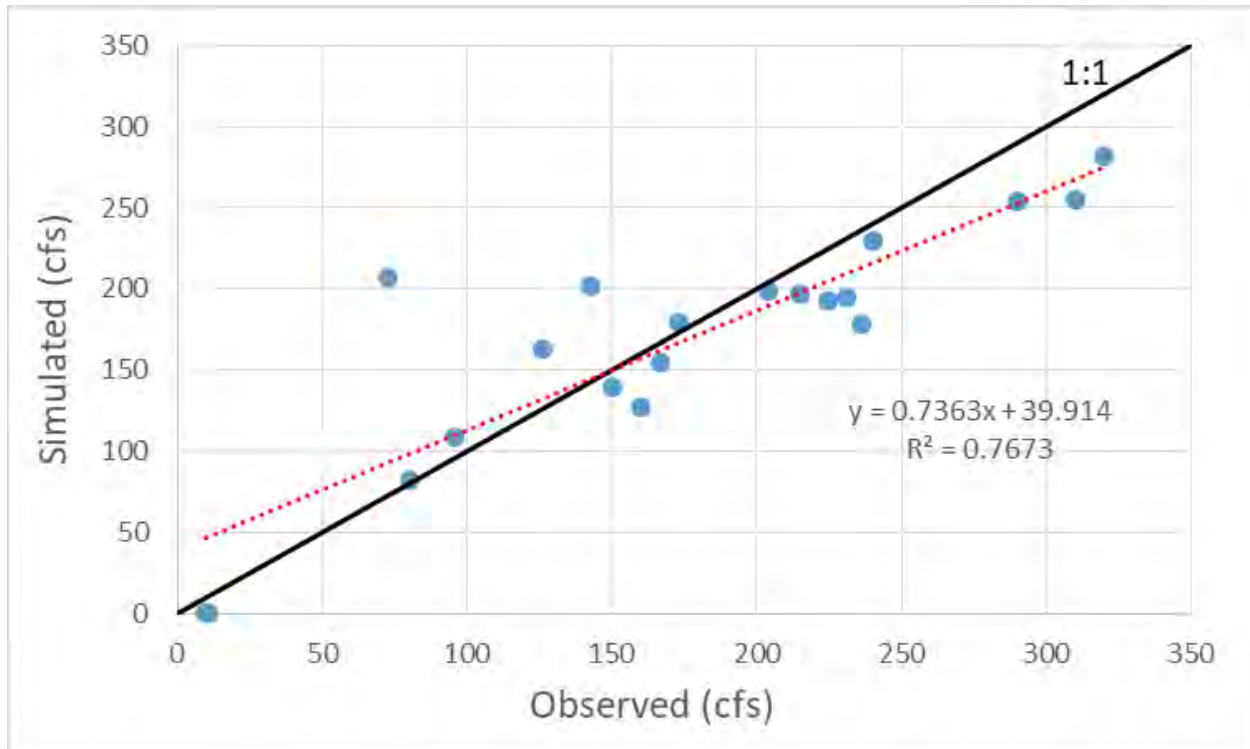


Figure 4-69. Simulated and Observed Monthly Average Streamflow Near the Downstream End of Piru Basin (Cavin Rd.) During Conservation Releases (2000-2015). Observed monthly average streamflows were calculated as the mean of observed flows when multiple flow measurements were performed during one month.

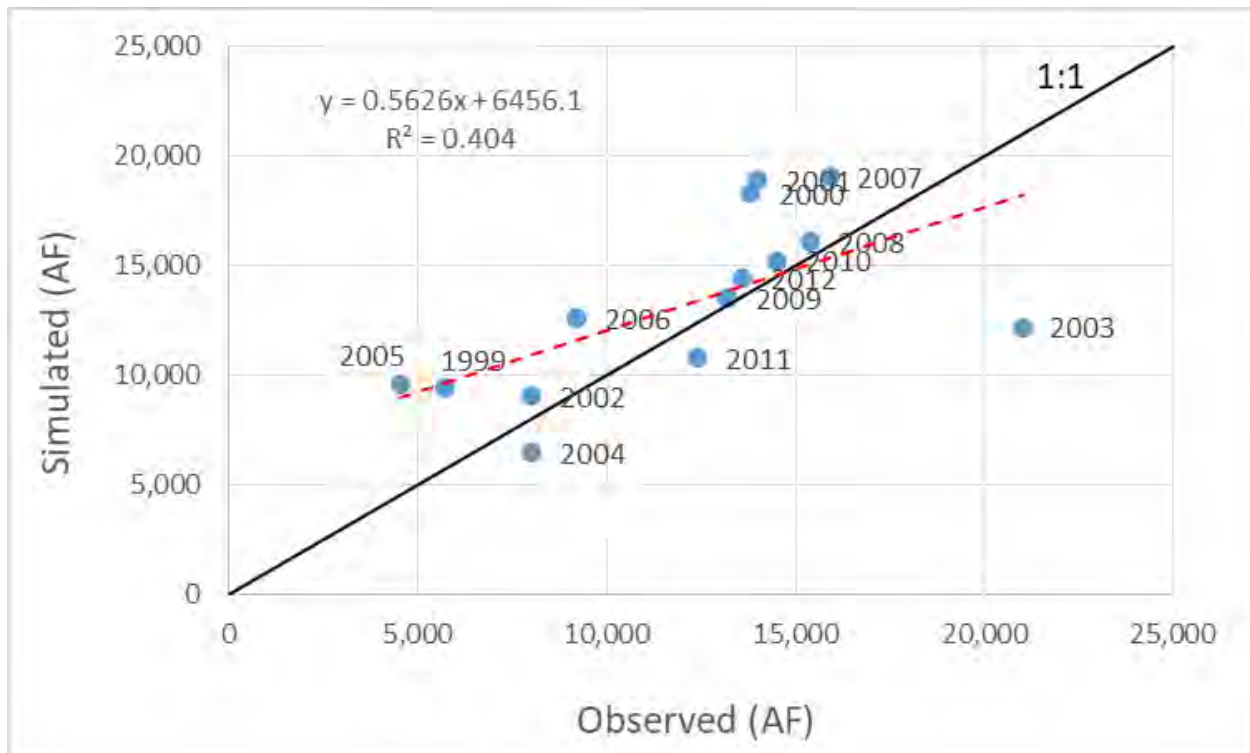
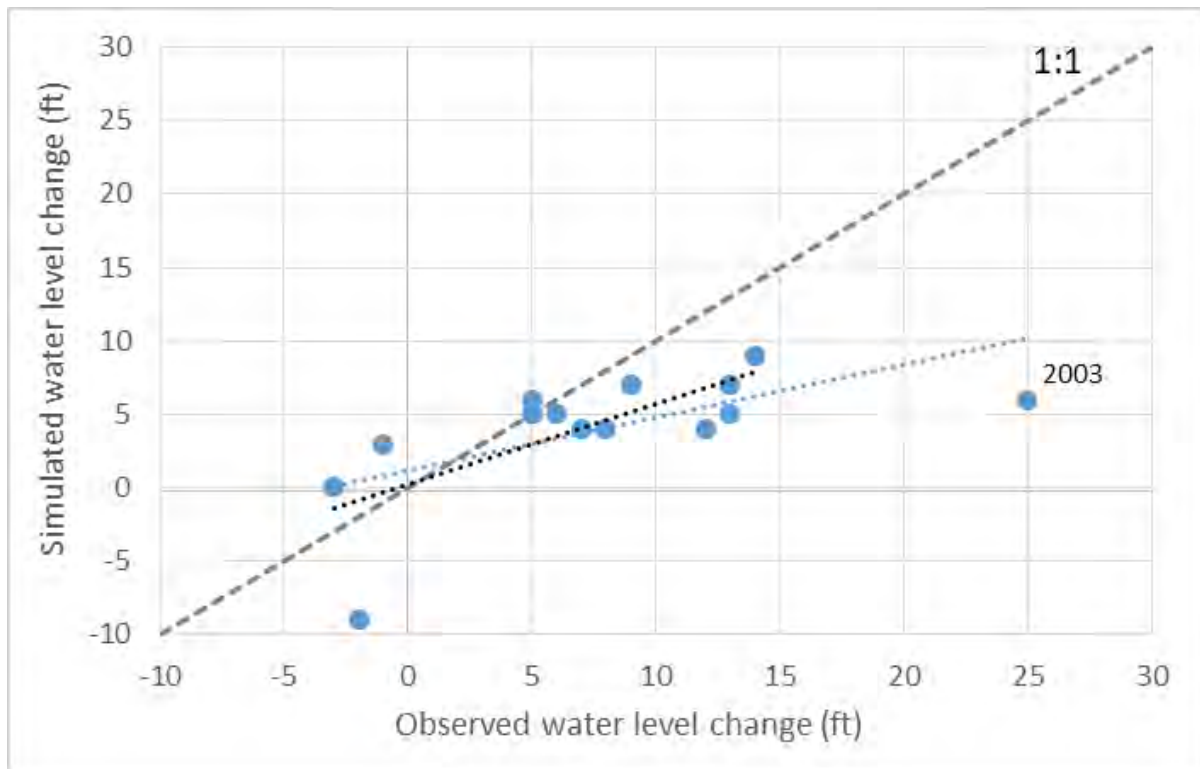


Figure 4-70. Simulated and Observed Total Percolation Volume to Piru Basin (acre-feet) During Conservation Releases (1999-2015).

(A)



(B)

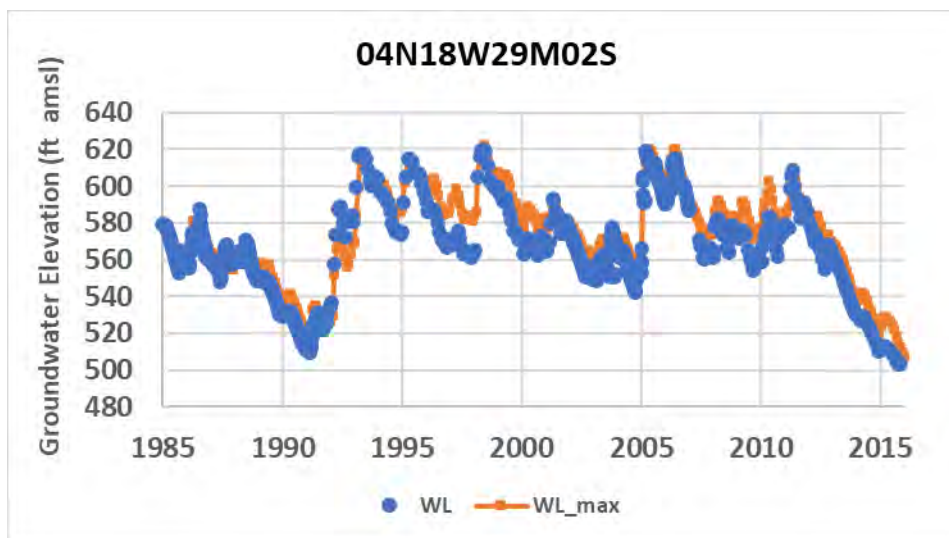


Figure 4-71. (A) Simulated and Bbserved Change in Groundwater Elevation in Piru Basin (well 04N18W29M2) Due to Conservation Releases. Changes in groundwater elevations were calculated as elevations just after minus elevations just before conservations releases. Positive changes indicate an increase in groundwater elevation following a release. Best-fit linear trend lines are shown for the full dataset (blue dotted line) and without outlier year 2003 (black dotted line). (B) Simulated (orange line) and observed (blue dots) groundwater elevations in well 04N18W29M2.

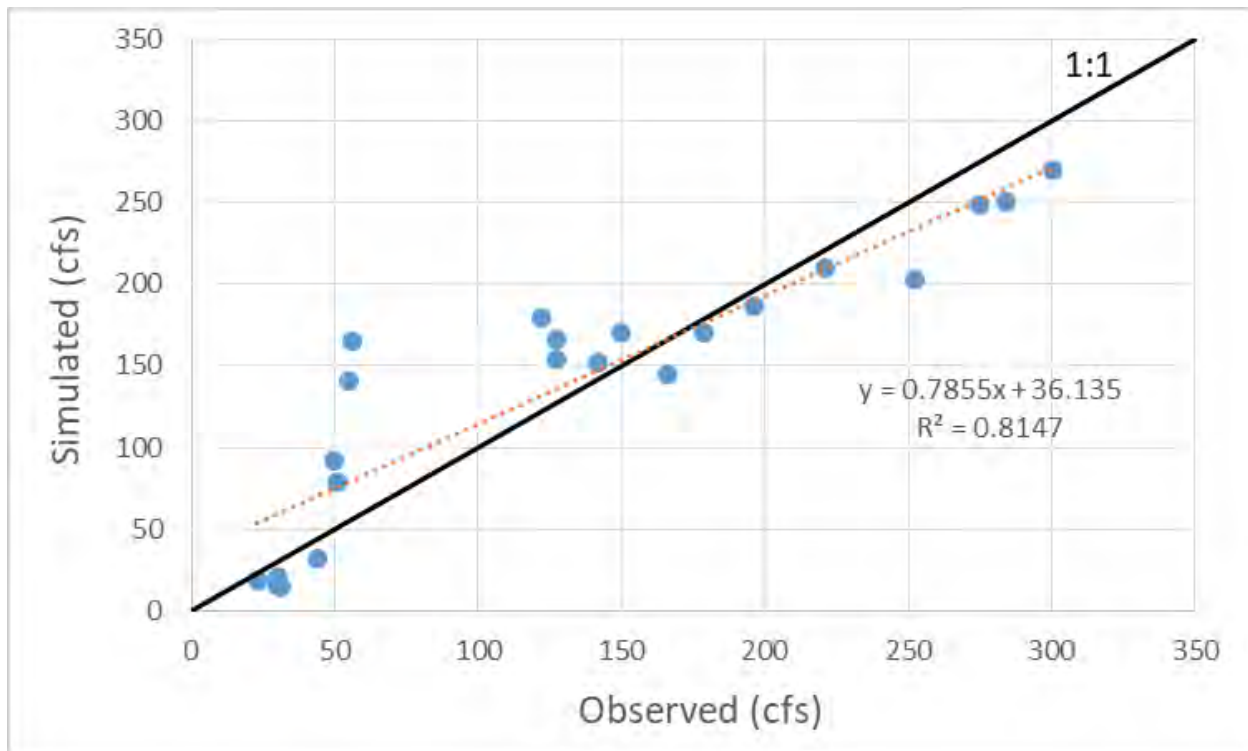


Figure 4-72. Simulated and Observed Monthly Average Streamflow Near the Downstream End of Fillmore Basin (Willard Rd.) During Conservation Releases (2000-2015). Observed monthly average streamflows were calculated as the mean of observed flows when multiple flow measurements were performed during one month.

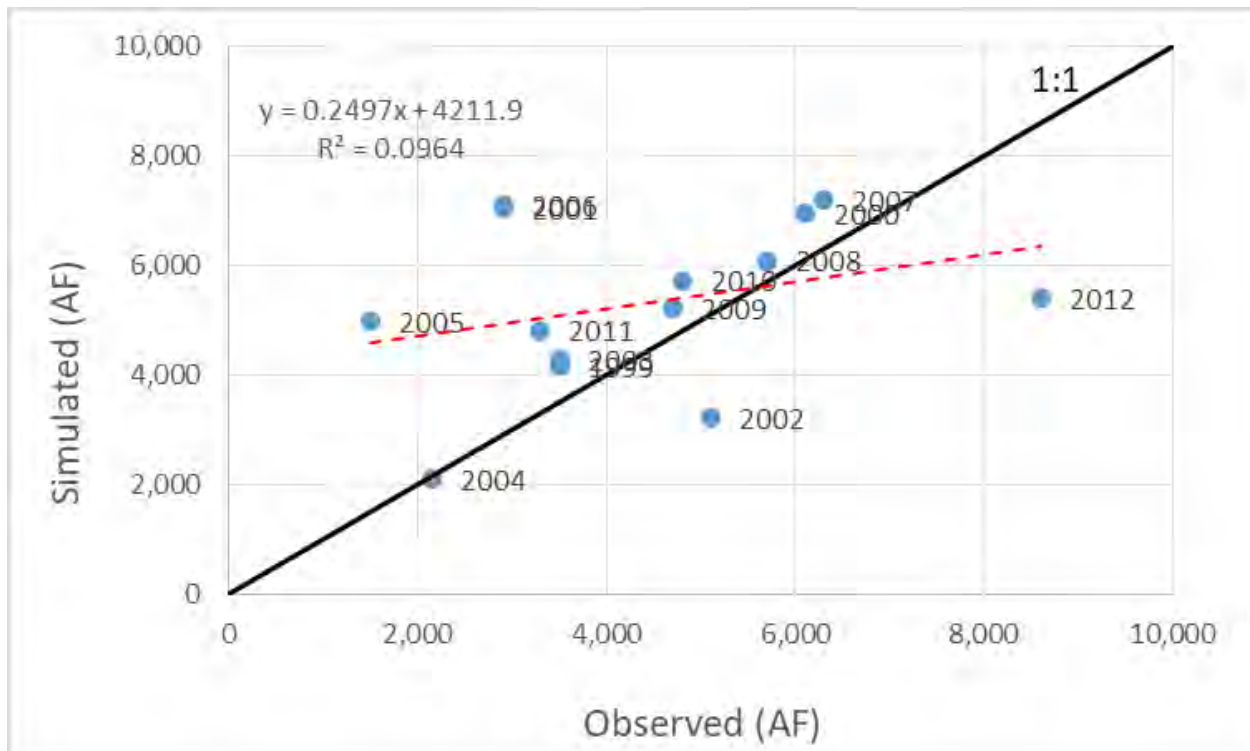
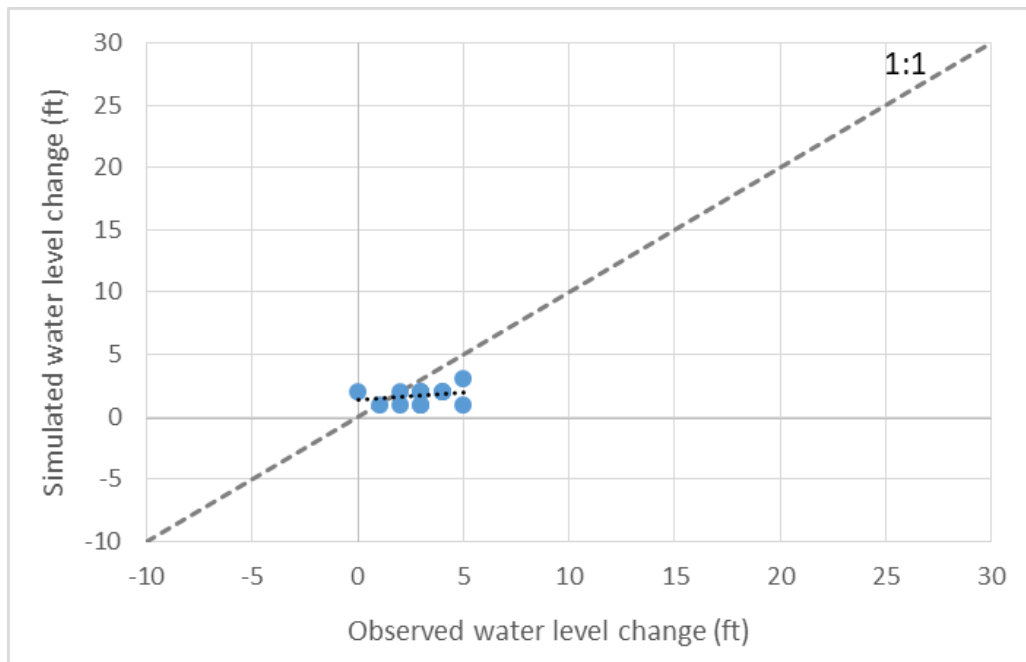


Figure 4-73. Simulated and Observed Total Percolation Volume in Fillmore Basin (acre-feet) During Conservation Releases (1999-2015).

(A)



(B)

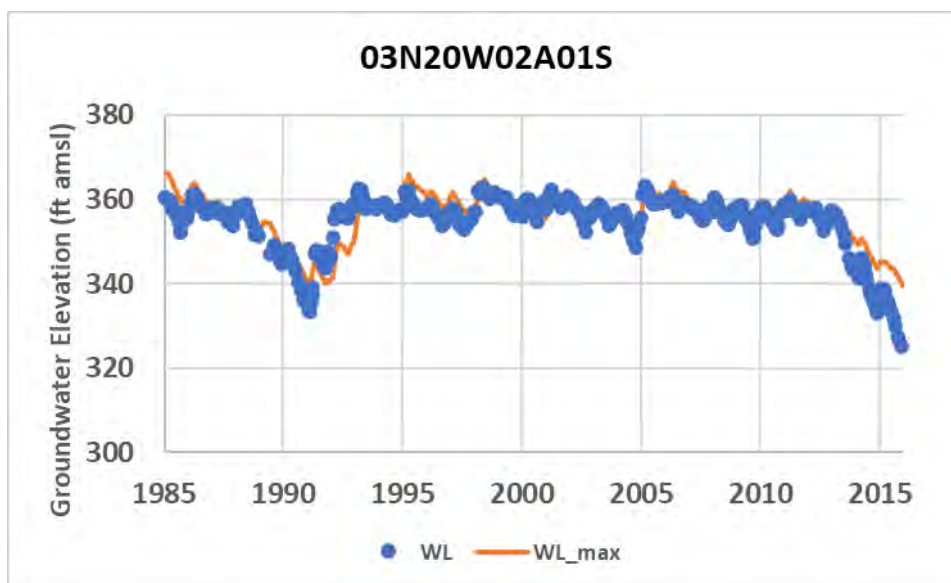
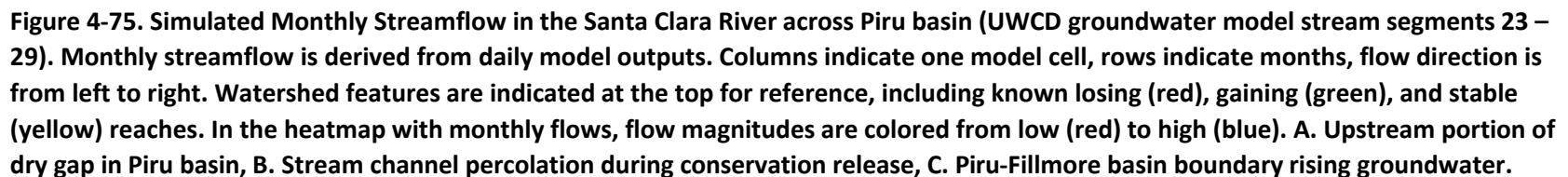


Figure 4-74. (A) Simulated and Observed Change in Groundwater Elevation in Fillmore Basin (03N20W02A01) Due to Conservation Releases. Changes in groundwater elevations were calculated as elevations just after minus elevations just before conservations releases. Positive changes indicate an increase in groundwater elevation. Best-fit linear trend line is shown by a black dotted line. (B) Simulated (orange line) and observed (blue dots) groundwater elevations in well 03N20W02A01.



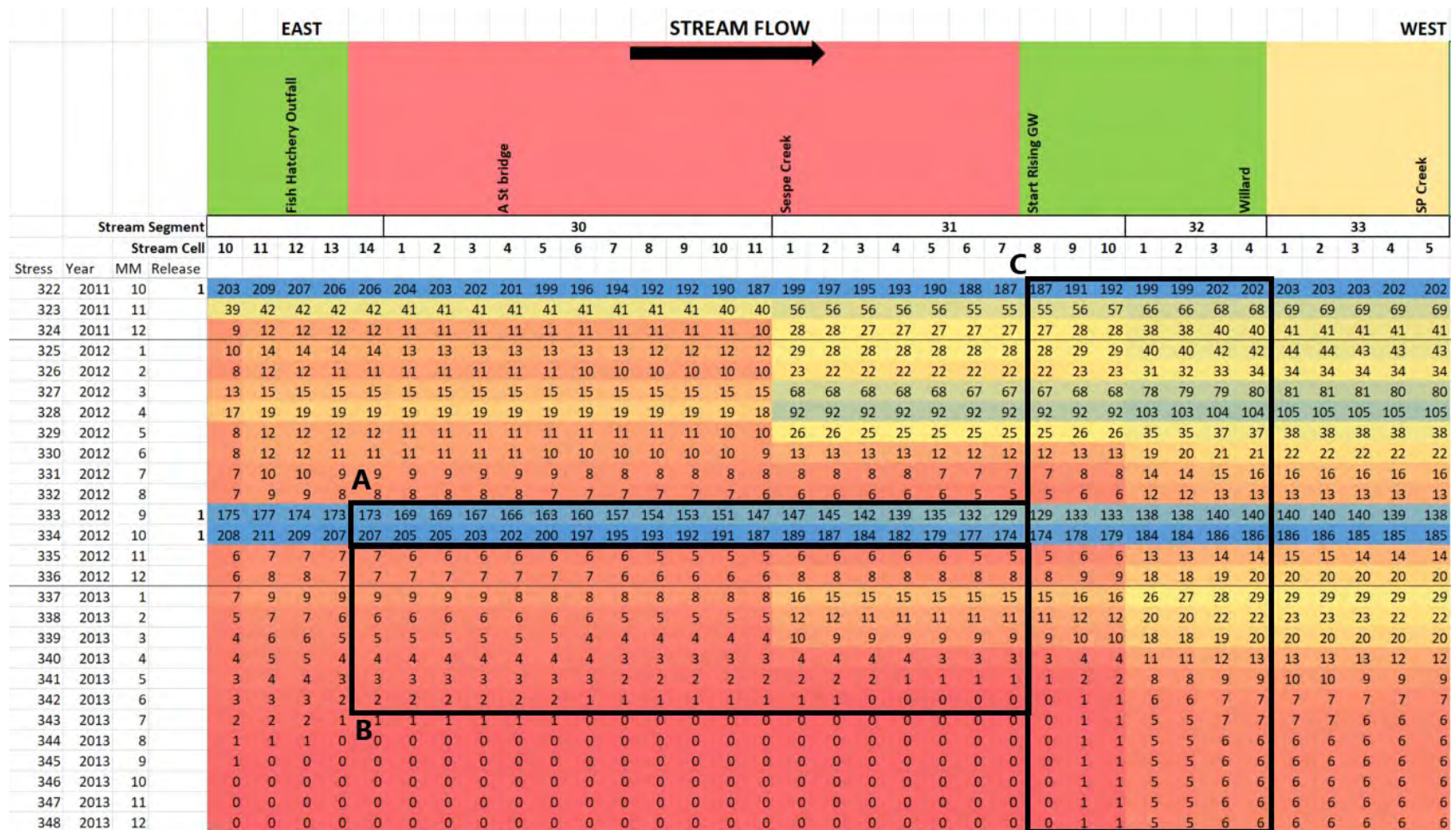
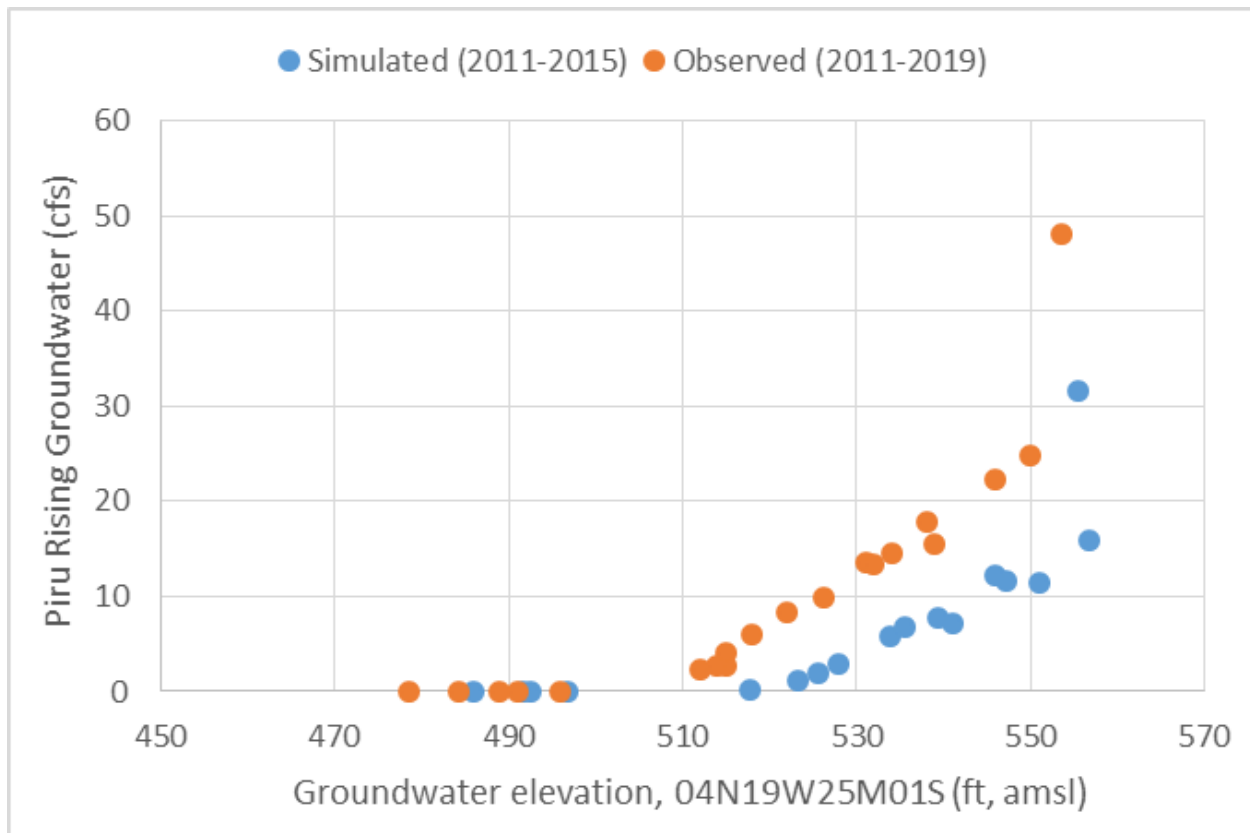


Figure 4-76. Simulated Monthly Streamflow in the Santa Clara River across Fillmore Basin (UWCD groundwater model stream segments 30 – 32). Monthly streamflow is derived from daily model outputs. Columns indicate one model cell, rows indicate months, flow direction is from left to right. Watershed features are indicated at the top for reference, including known losing (red), gaining (green), and stable (yellow) reaches. In the heatmap with monthly flows, flow magnitudes are colored from low (red) to high (blue). A. Stream channel percolation during conservation release, B. Stream channel percolation during dry winter period with low flows, C. Fillmore – Santa Paula basin boundary with rising groundwater.

(A)



(B)

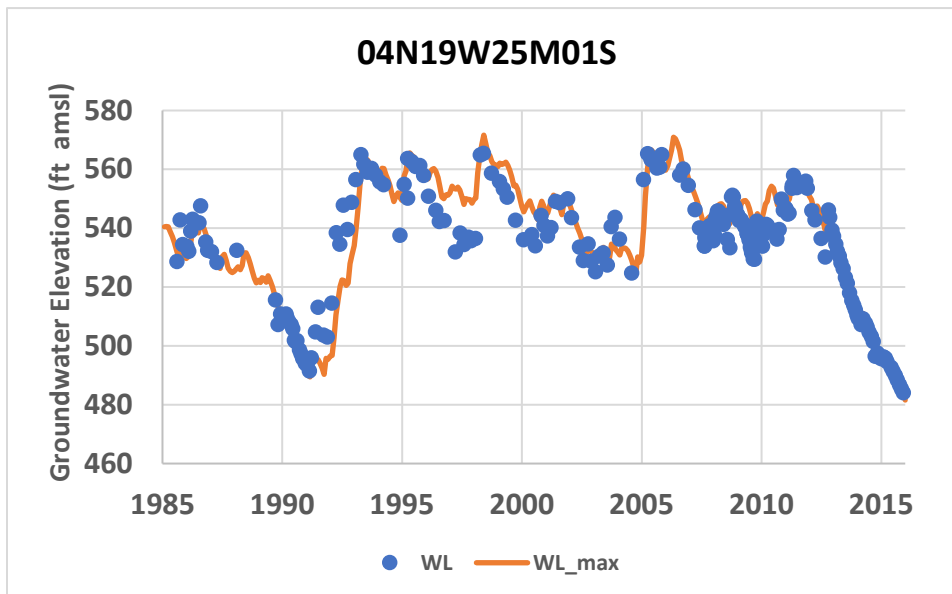
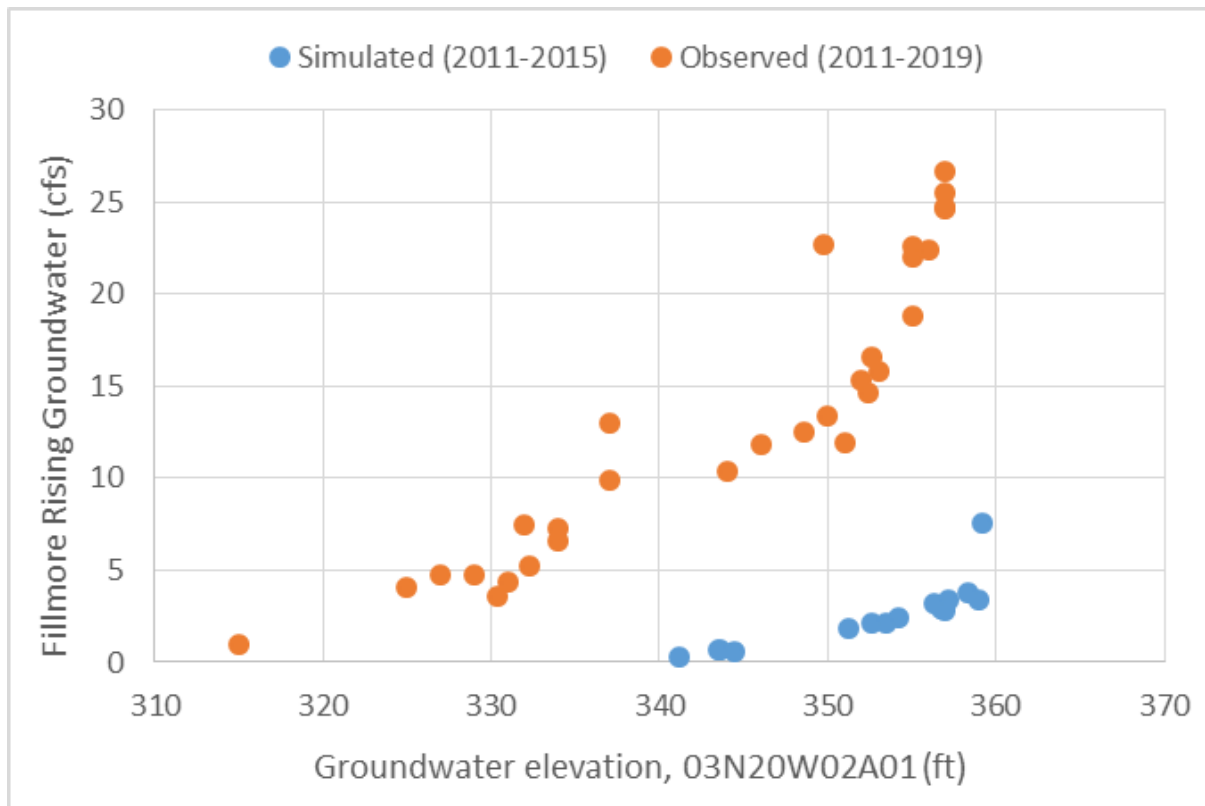


Figure 4-77. (A) Simulated and Observed Relationship Between Rising Groundwater at the Piru-Fillmore Basin Boundary and Groundwater Elevation in Piru Basin Well 04N19W25M01. (B) Simulated (orange line) and observed (blue dots) groundwater elevations in Piru basin well 04N19W25M01.

(A)



(B)

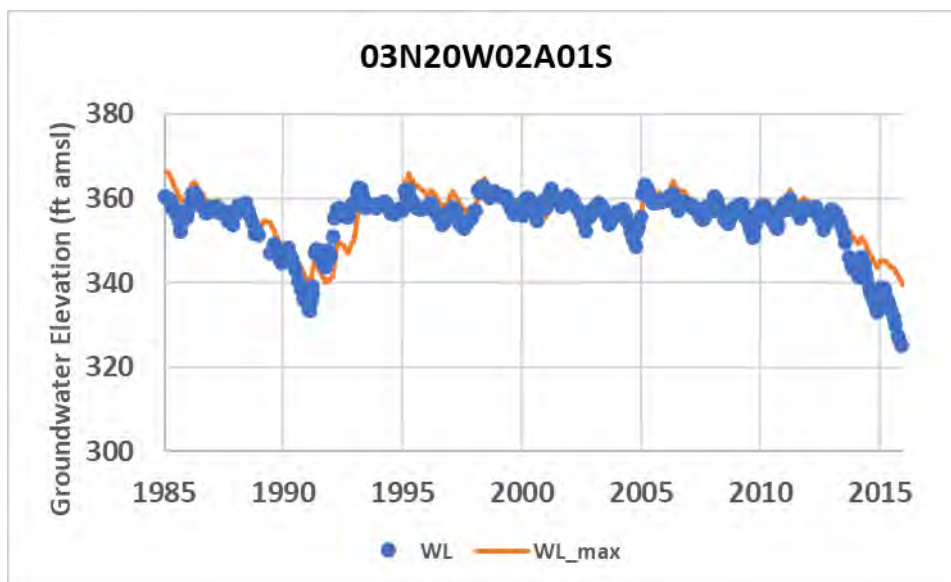


Figure 4-78. (A) Simulated and Observed Relationship Between Rising Groundwater at the Fillmore-Santa Paula Basin Boundary and Groundwater Elevation in Fillmore Basin Well 03N20W02A01. (B) Simulated (orange line) and observed (blue dots) groundwater elevations in Fillmore basin well 03N20W02A01.

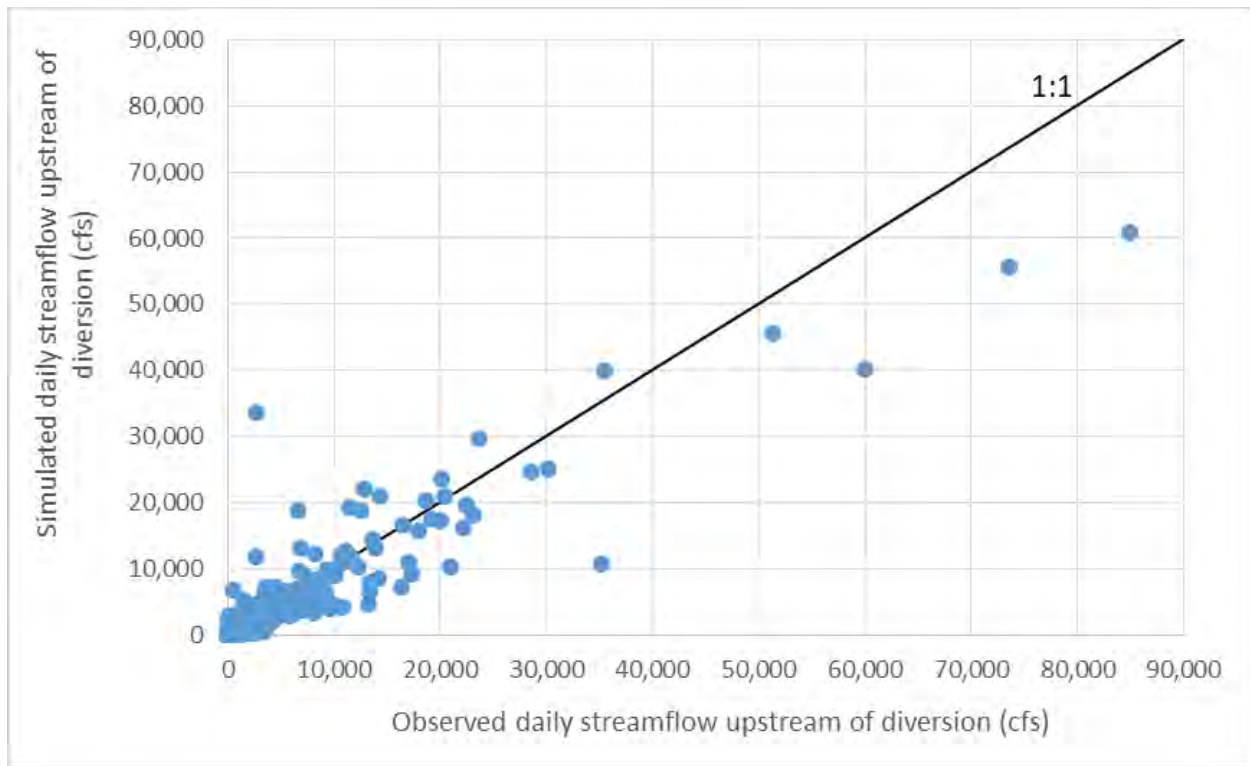


Figure 4-79. Simulated (Regional Model) and Observed Daily Streamflow Upstream of the Freeman Diversion.

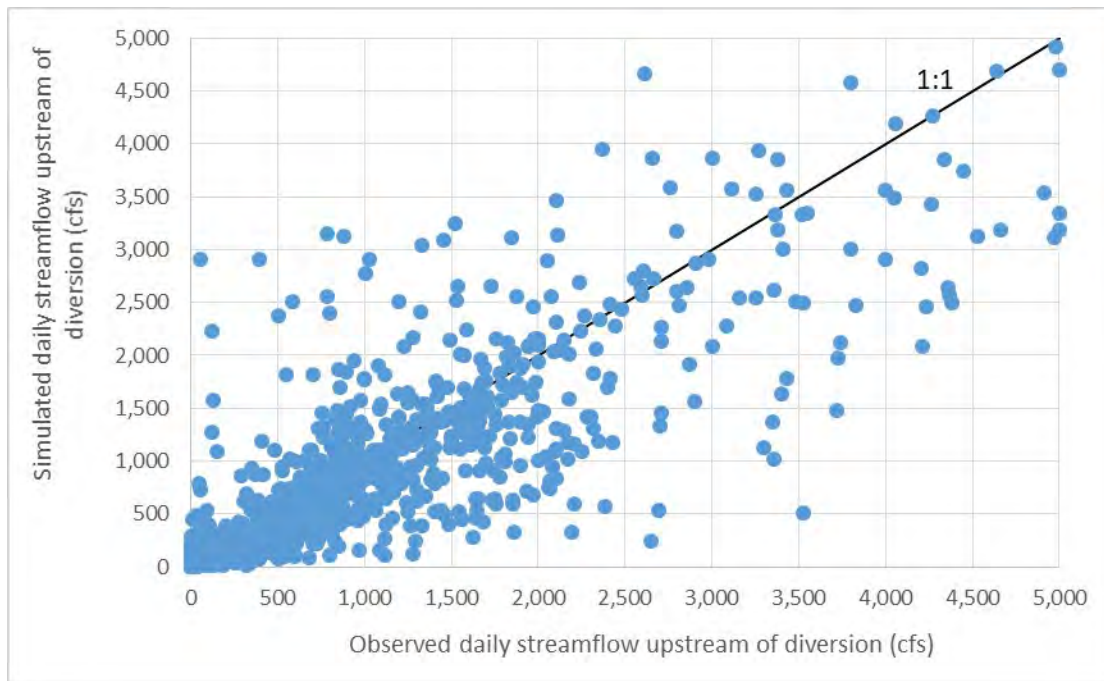


Figure 4-80. Simulated (Regional Model) and Observed daily Streamflow Upstream of the Freeman Diversion.

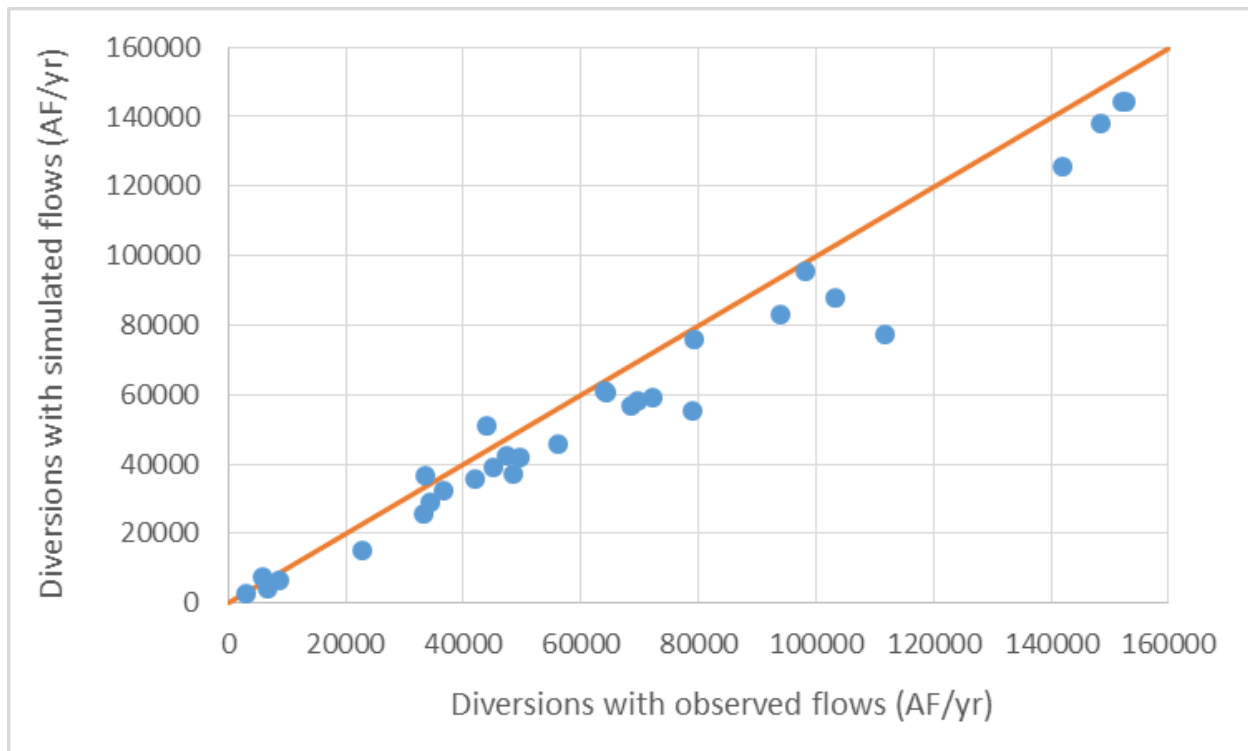
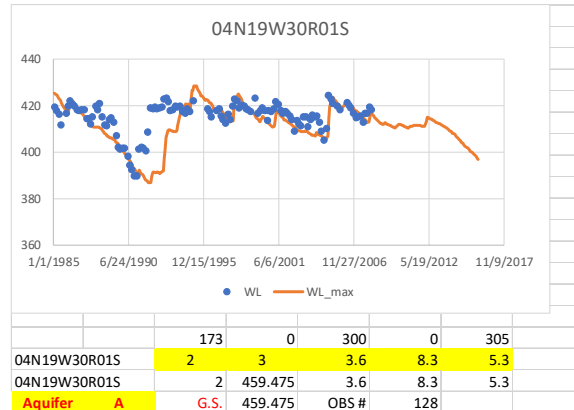


Figure 4-81. Simulated Annual Diversions Based on Observed Flows and Flows Simulated by the Regional Model (1985-2015). Diversion simulations assumed bypass flow operations proposed in United's Freeman Diversion Multiple Species Habitat Conservation Plan, without any infrastructure improvements. The orange line represents the 1:1 line.

Appendix A – Additional Model Expansion Calibration Hydrographs

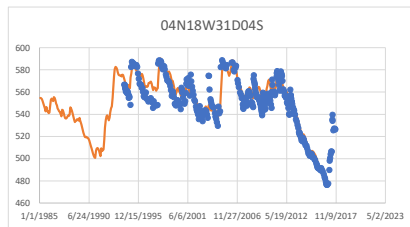
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Legend

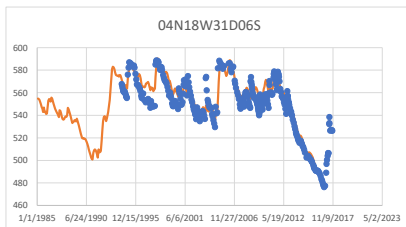


		Depth to Top of Screen	Est. Depth to Top of Screen	Depth to Bottom of Screen	Est. Depth to Bottom of Screen	Well Depth
Well ID		Upper Screened Model Layer	Lower Screened Model Layer	R.M.	RMS	ARM
Well ID		Model layer with best fit simulated WL		R.M.	RMS	ARM
Aquifer	System	G.S.	Ground surface elev	OBS #	WL data number	

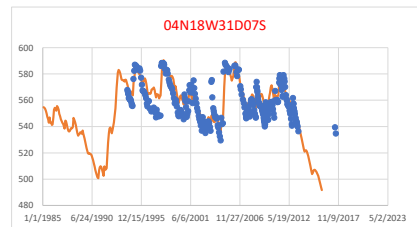
Well Hydrographs in Piru basin



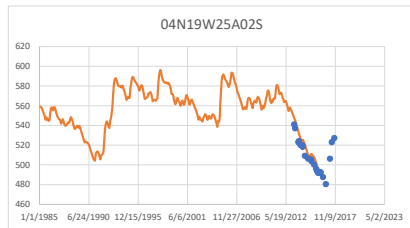
	310	0	330	0	330
04N18W31D04S	7	7	-4.0	7.6	6.2
04N18W31D04S	7	7	-4.0	7.6	6.2
Aquifer	B	G.S.	601.054	OBS #	317



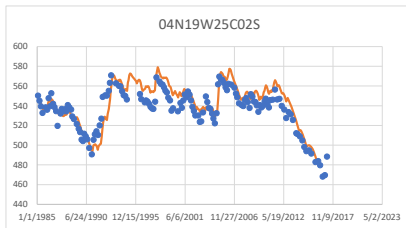
	140	0	160	0	160
04N18W31D06S	5	5	-4.0	7.5	6.1
04N18W31D06S	7	7	-3.8	7.4	6.0
Aquifer	B	G.S.	661.434	OBS #	97



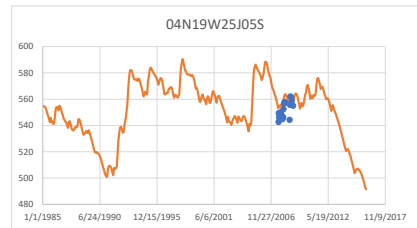
	50	0	70	0	70
04N18W31D07S	3	3	-3.9	7.7	6.2
04N18W31D07S	7	7	-3.6	7.6	6.1
Aquifer	A	G.S.	601.054	OBS #	289



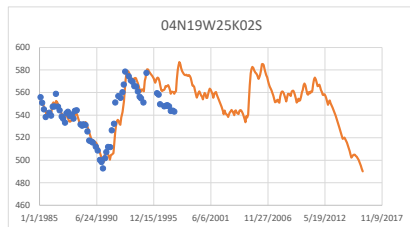
	267	0	460	0	460
04N19W25A02S	7	7	-6.4	6.7	6.4
04N19W25A02S	8	8	-1.5	2.6	2.2
Aquifer	B	G.S.	628.34	OBS #	17



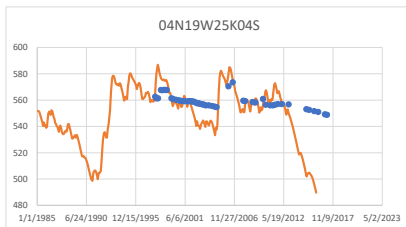
	265	0	504	0	504
04N19W25C02S	7	7	-4.8	10.3	8.8
04N19W25C02S	8	8	-2.0	9.5	6.6
Aquifer	B	G.S.	641.037	OBS #	149



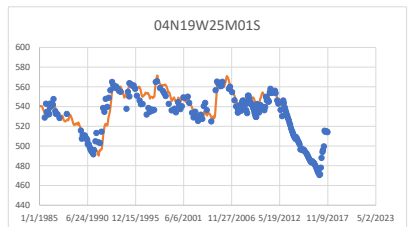
	180	0	380	0	400
04N19W25J05S	7	7	-6.3	7.0	6.5
04N19W25J05S	8	8	-4.8	6.3	5.0
Aquifer	B	G.S.	603.437	OBS #	26



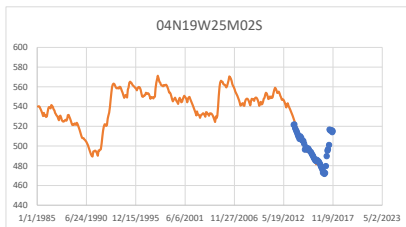
	120	0	290	0	302
04N19W25K02S	5	7	-1.3	9.9	7.5
04N19W25K02S	7	7	-1.2	9.9	7.4
Aquifer	B	G.S.	603.563	OBS #	66



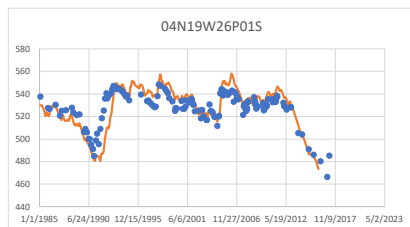
	220	0	370	0	380
04N19W25K04S	7	7	-4.9	16.3	11.0
04N19W25K04S	3	3	-5.0	16.3	11.0
Aquifer	B	G.S.	602.712	OBS #	50



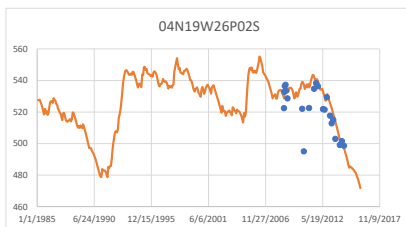
	0	0	0	0	0
04N19W25M01S	0	0	-2.3	7.0	5.2
04N19W25M01S	5	5	-1.8	7.0	5.0
Aquifer	unknown	G.S.	585.269	OBS #	232



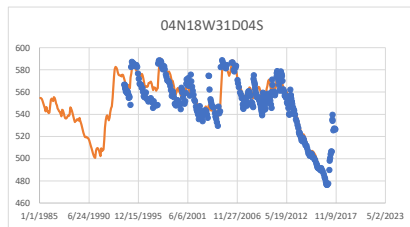
	526	0	626	0	634
04N19W25M02S	7	8	-0.9	2.5	2.0
04N19W25M02S	5	5	-0.5	2.5	2.0
Aquifer	B+C	G.S.	585.335	OBS #	29



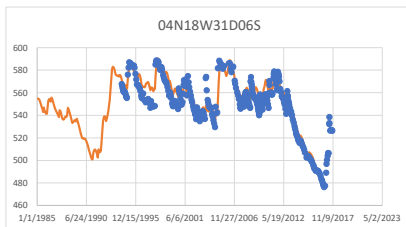
	212	0	268	0	280
04N19W26P01S	7	7	-1.5	9.7	7.5
04N19W26P01S	6	6	-0.1	9.6	6.8
Aquifer	B	G.S.	568.779	OBS #	152



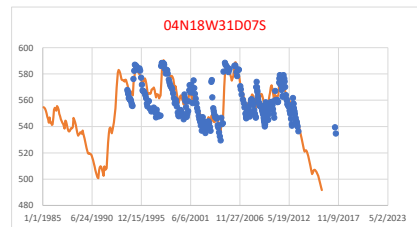
	0	0	256	-256	
04N19W26P02S	7	7	-6.7	11.5	7.5
04N19W26P02S	10	10	-0.9	10.3	7.0
Aquifer	B	G.S.	558.667	OBS #	22



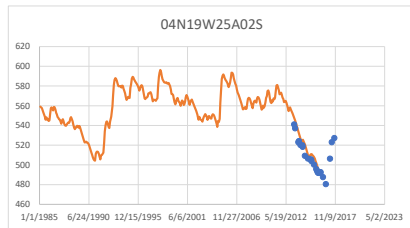
	310	0	330	0	330
04N18W31D04S	7	7	-4.0	7.6	6.2
04N18W31D04S	7	7	-4.0	7.6	6.2
Aquifer	B	G.S.	601.054	OBS #	317



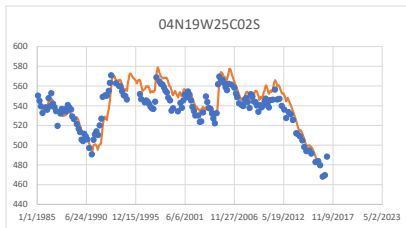
	140	0	160	0	160
04N18W31D06S	5	5	-4.0	7.5	6.1
04N18W31D06S	7	7	-3.8	7.4	6.0
Aquifer	B	G.S.	661.434	OBS #	97



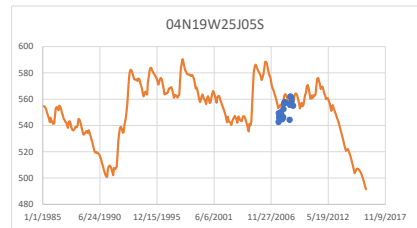
	50	0	70	0	70
04N18W31D07S	3	3	-3.9	7.7	6.2
04N18W31D07S	7	7	-3.6	7.6	6.1
Aquifer	A	G.S.	601.054	OBS #	289



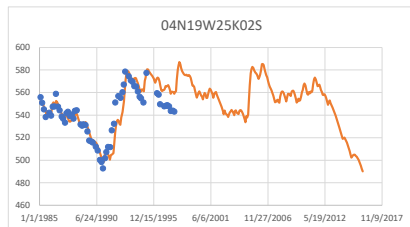
	267	0	460	0	460
04N19W25A02S	7	7	-6.4	6.7	6.4
04N19W25A02S	8	8	-1.5	2.6	2.2
Aquifer	B	G.S.	628.34	OBS #	17



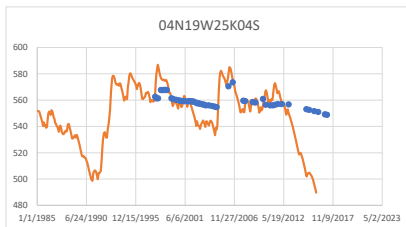
	265	0	504	0	504
04N19W25C02S	7	7	-4.8	10.3	8.8
04N19W25C02S	8	8	-2.0	9.5	6.6
Aquifer	B	G.S.	641.037	OBS #	149



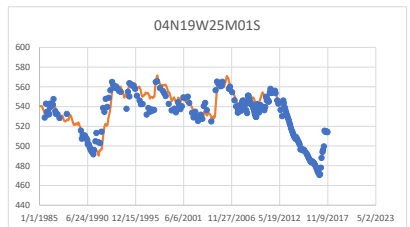
	180	0	380	0	400
04N19W25J05S	7	7	-6.3	7.0	6.5
04N19W25J05S	8	8	-4.8	6.3	5.0
Aquifer	B	G.S.	603.437	OBS #	26



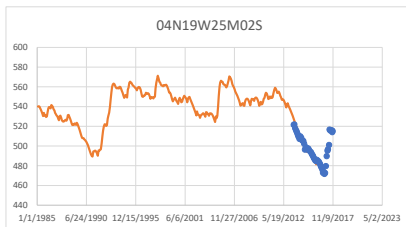
	120	0	290	0	302
04N19W25K02S	5	7	-1.3	9.9	7.5
04N19W25K02S	7	7	-1.2	9.9	7.4
Aquifer	B	G.S.	603.563	OBS #	66



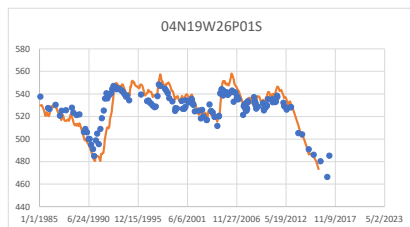
	220	0	370	0	380
04N19W25K04S	7	7	-4.9	16.3	11.0
04N19W25K04S	3	3	-5.0	16.3	11.0
Aquifer	B	G.S.	602.712	OBS #	50



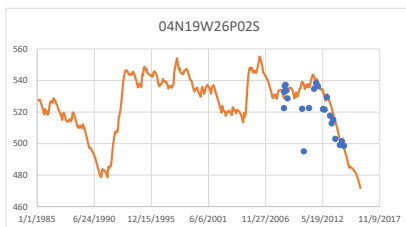
	0	0	0	0	0
04N19W25M01S	0	0	-2.3	7.0	5.2
04N19W25M01S	5	5	-1.8	7.0	5.0
Aquifer	unknown	G.S.	585.269	OBS #	232



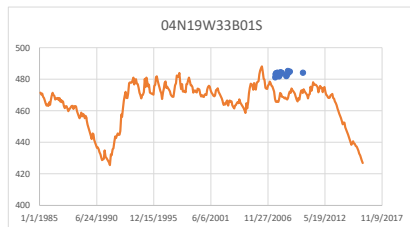
	526	0	626	0	634
04N19W25M02S	7	8	-0.9	2.5	2.0
04N19W25M02S	5	5	-0.5	2.5	2.0
Aquifer	B+C	G.S.	585.335	OBS #	29



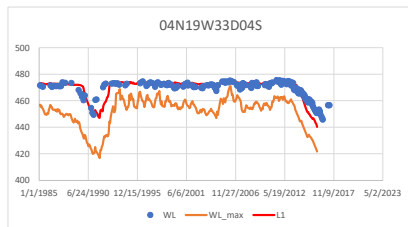
	212	0	268	0	280
04N19W26P01S	7	7	-1.5	9.7	7.5
04N19W26P01S	6	6	-0.1	9.6	6.8
Aquifer	B	G.S.	568.779	OBS #	152



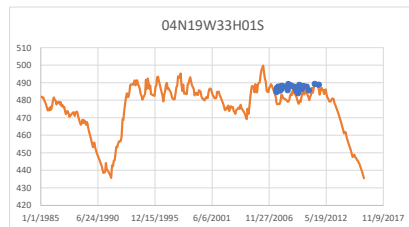
	0	0	256	-256	
04N19W26P02S	7	7	-6.7	11.5	7.5
04N19W26P02S	10	10	-0.9	10.3	7.0
Aquifer	B	G.S.	558.667	OBS #	22



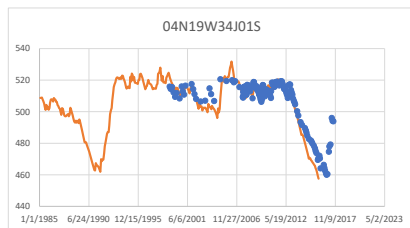
	206	0	306	0	306
04N19W33B01S	7	7	15.6	15.8	15.6
04N19W33B01S	3		5.2	5.7	5.2
Aquifer	B	G.S.	493.295	OBS #	26



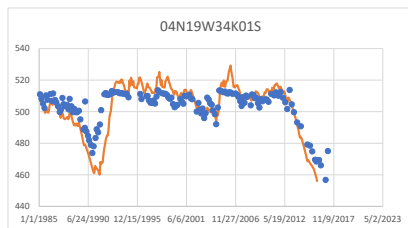
	140	0	486	0	496
04N19W33D04S	6	7	17.7	18.8	17.7
04N19W33D04S	1		474.31	0.4	4.0
Aquifer	B	G.S.	474.31	OBS #	227



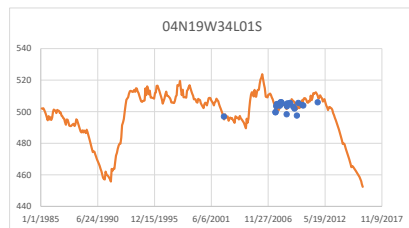
	237	0	362	0	370
04N19W33H01S	7	7	6.6	7.0	6.6
04N19W33H01S	5		0.9	2.7	2.3
Aquifer	B	G.S.	501.471	OBS #	49



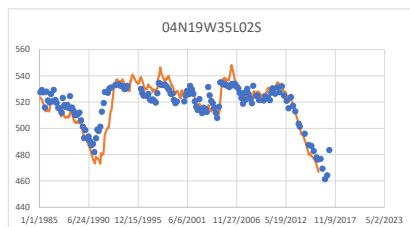
	72	0	120	0	138
04N19W34J01S	3	5	2.0	4.9	3.7
04N19W34J01S	7		1.4	4.8	3.7
Aquifer	A+B	G.S.	528.394	OBS #	148



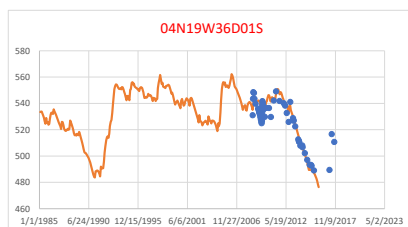
	5	0	120	0	130
04N19W34K01S	3	5	1.2	9.5	7.1
04N19W34K01S	3		1.2	9.5	7.1
Aquifer	A+B	G.S.	526.533	OBS #	153



	90	0	430	0	450
04N19W34L01S	3	7	-1.0	2.5	2.0
04N19W34L01S	3		-0.9	2.4	2.0
Aquifer	A+B	G.S.	519.122	OBS #	21

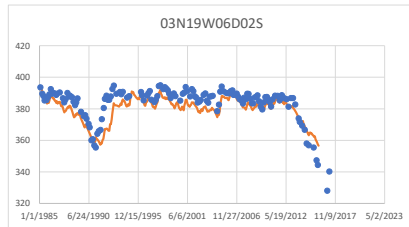


	0	0	0	0	0
04N19W35L02S	0	0	1.5	8.7	6.2
04N19W35L02S	5		1.9	8.8	6.1
Aquifer	unknown	G.S.	579.362	OBS #	153

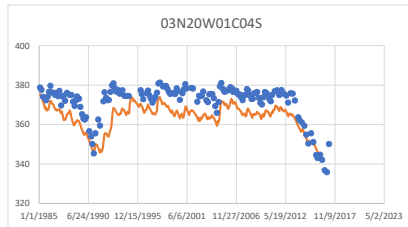


	18	0	73	0	73
04N19W36D01S	3	3	-2.4	5.5	4.4
04N19W36D01S	5		-2.4	5.4	4.3
Aquifer	A	G.S.	560.409	OBS #	51

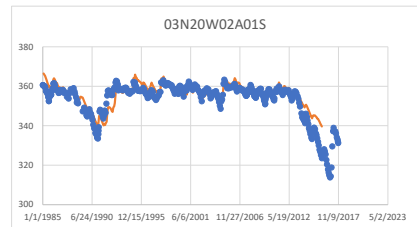
Well Hydrographs in Fillmore basin



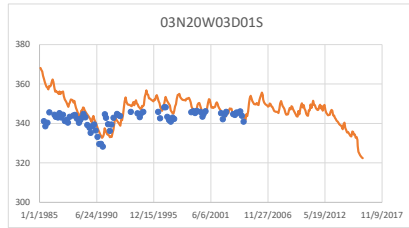
	216	0	405	0	405
03N19W06D02S	5	7	4.6	6.8	5.5
03N19W06D02S	7		4.6	6.8	5.5
Aquifer	B	G.S.	433.237	OBS #	148



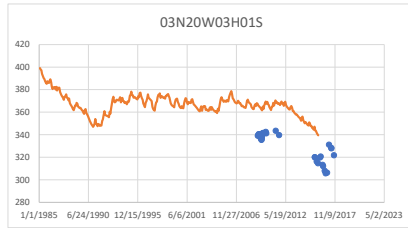
	49	0	218	0	234
03N20W01C04S	3	5	8.6	9.4	8.7
03N20W01C04S	8		2.4	5.2	4.1
Aquifer	A+B	G.S.	403.611	OBS #	154



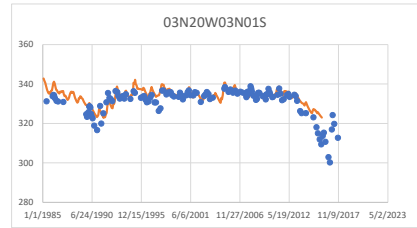
	0	0	0	92	-92
03N20W02A01S	1	3	-1.6	3.8	2.7
03N20W02A01S	7		0.6	3.5	2.5
Aquifer	A	G.S.	381.101	OBS #	401



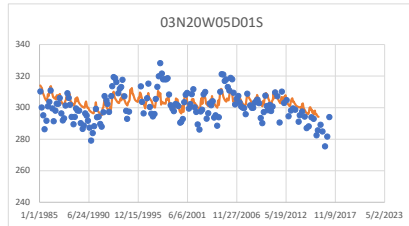
	0	0	0	575	-575
03N20W03D01S	7	8	-4.0	7.0	5.3
03N20W03D01S	8		-4.0	7.0	5.3
Aquifer	B	G.S.	348.336	OBS #	74



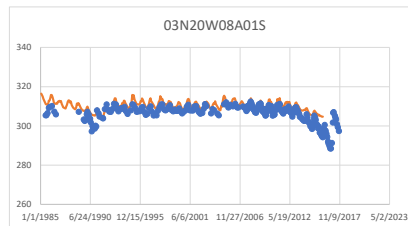
	0	0	-25.3	25.3	25.3
03N20W03H01S	0	0	-25.3	25.3	25.3
03N20W03H01S	3		-5.8	7.0	5.8
Aquifer	unknown	G.S.	359.247	OBS #	25



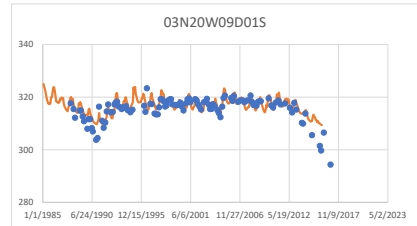
	120	0	172	0	184
03N20W03N01S	3	5	-1.8	3.6	2.5
03N20W03N01S	7		-1.7	3.5	2.5
Aquifer	A+B	G.S.	343.712	OBS #	136



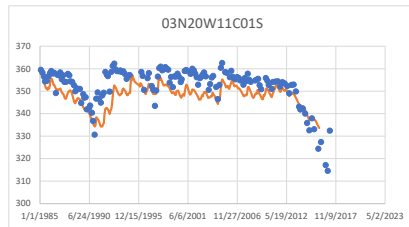
	215	0	315	0	357
03N20W05D01S	5	7	-2.3	7.6	6.2
03N20W05D01S	6		-1.9	7.6	6.2
Aquifer	B	G.S.	446.014	OBS #	167



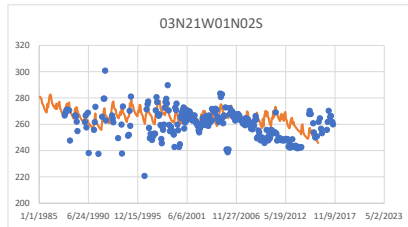
	0	0	-2.9	3.5	3.0
03N20W08A01S	3	5	-2.9	3.5	3.0
03N20W08A01S	3		-2.8	3.4	2.9
Aquifer	A+B	G.S.	315.416	OBS #	248



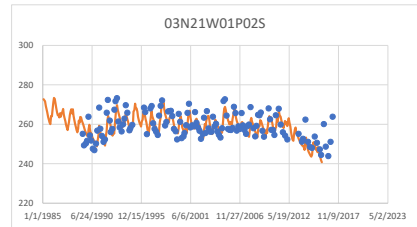
	0	0	0	0	0
03N20W09D01S	5	7	-1.2	2.5	1.8
03N20W09D01S	3		-0.6	2.4	1.7
Aquifer	B	G.S.	323.108	OBS #	110



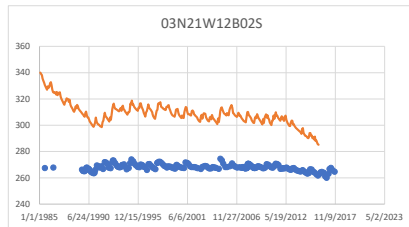
	0	0	0	180	-180
03N20W11C01S	1	5	5.4	6.7	5.9
03N20W11C01S	1	407.59	5.4	6.7	5.9
Aquifer	A+B	G.S.	407.59	OBS #	154



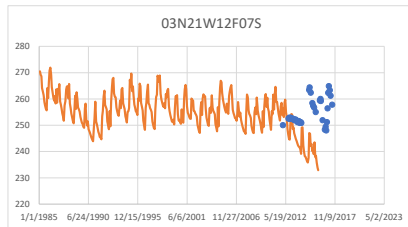
	200	0	400	0	400
03N21W01N02S	5	7	-6.0	11.4	9.0
03N21W01N02S	5		-3.1	10.3	8.1
Aquifer	B	G.S.	325.736	OBS #	252



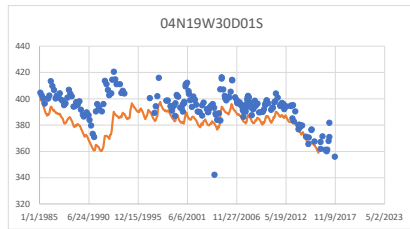
	0	0	0	232	-232
03N21W01P02S	3	3	0.7	4.2	3.5
03N21W01P02S	6		-0.1	3.5	2.8
Aquifer	A	G.S.	301.883	OBS #	134



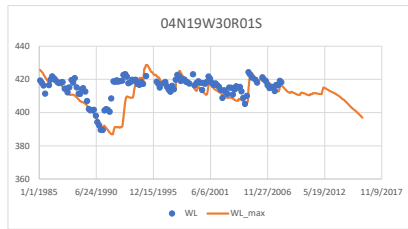
	0	0	0	0	0
03N21W12B02S	0	0	-38.3	38.7	38.3
03N21W12B02S	1		-2.8	3.0	2.9
Aquifer	unknown	G.S.	279.729	OBS #	203



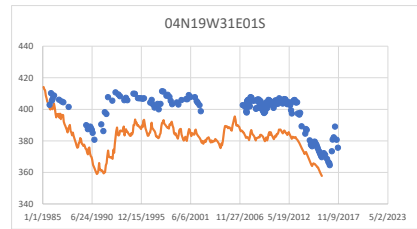
	120	0	400	0	400
03N21W12F07S	3	6	8.6	10.8	9.3
03N21W12F07S	7		5.2	8.3	6.5
Aquifer	A+B	G.S.	289.768	OBS #	26



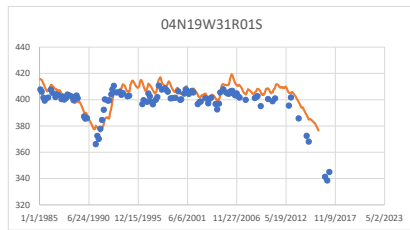
	60	0	380	0	402
04N19W30D01S	3	7	12.7	14.9	13.2
04N19W30D01S	2	467.517	10.3	13.0	11.0
Aquifer	A+B	G.S.	467.517	OBS #	202



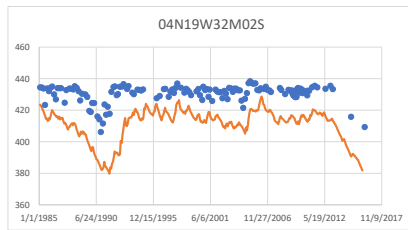
	173	0	300	0	305
04N19W30R01S	2	3	3.6	8.3	5.3
04N19W30R01S	2	459.475	3.6	8.3	5.3
Aquifer	A	G.S.	459.475	OBS #	128



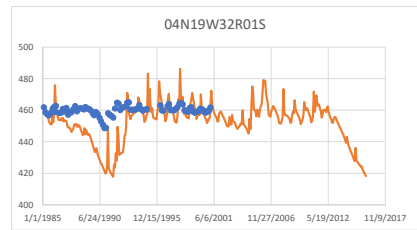
	0	0	0	0	0
04N19W31E01S	0	0	18.7	19.4	18.7
04N19W31E01S	7	20.0	20.5	20.0	
Aquifer	unknown	G.S.	418.639	OBS #	181



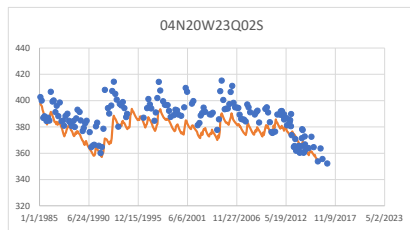
	60	0	137	0	140
04N19W31R01S	3	5	-4.3	7.3	6.1
04N19W31R01S	8	0.5	5.8	4.3	
Aquifer	A+B	G.S.	457.864	OBS #	102



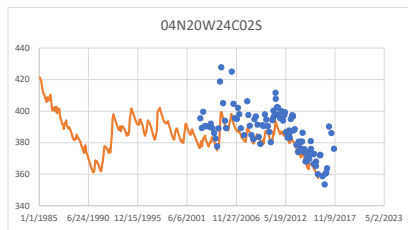
	180	0	300	0	348
04N19W32M02S	5	7	19.3	20.6	19.3
04N19W32M02S	2	446.906	12.8	14.2	12.8
Aquifer	B	G.S.	446.906	OBS #	152



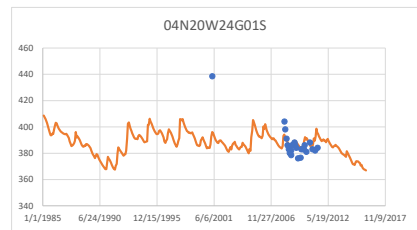
	30	0	90	0	90
04N19W32R01S	3	6	8.6	14.4	10.4
04N19W32R01S	3	8.6	14.4	10.4	
Aquifer	A+B	G.S.	539.7	OBS #	89



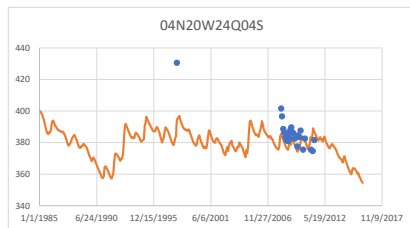
	327	0	567	0	567
04N20W23Q02S	7	7	9.8	12.5	10.9
04N20W23Q02S	8	5.6	10.4	8.5	
Aquifer	B	G.S.	555.567	OBS #	167



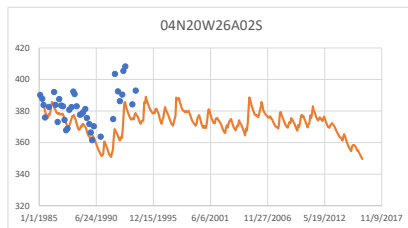
	0	0	0	0	0
04N20W24C02S	0	0	8.7	10.5	8.8
04N20W24C02S	3	9.0	10.8	9.0	
Aquifer	unknown	G.S.	499.288	OBS #	92



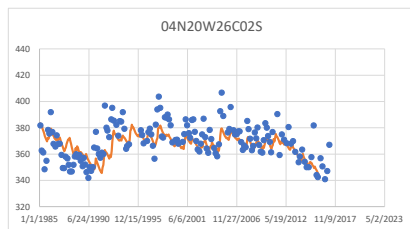
	100	0	260	0	270
04N20W24G01S	4	7	-1.1	10.1	6.0
04N20W24G01S	6	0.0	10.0	5.5	
Aquifer	B	G.S.	603.861	OBS #	25



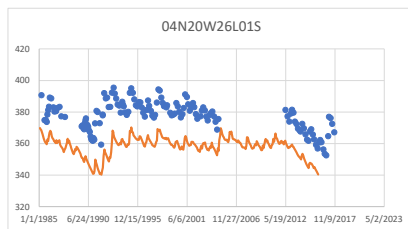
	90	0	300	0	305
04N20W24Q04S	3	7	5.7	10.5	8.2
04N20W24Q04S	9	4.6	10.5	6.9	
Aquifer	A+B	G.S.	463.028	OBS #	25



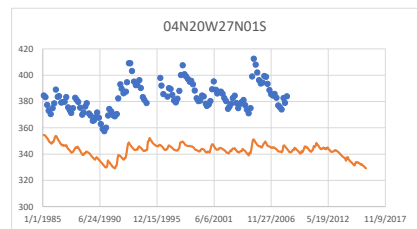
	40	0	254	0	261
04N20W26A02S	3	7	9.5	13.6	10.4
04N20W26A02S	8	3.7	13.1	10.1	
Aquifer	A+B	G.S.	455.255	OBS #	38



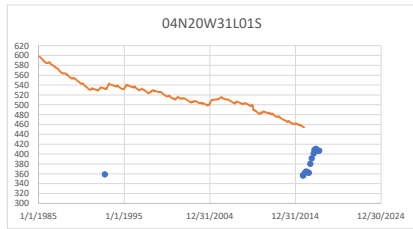
	155	0	255	0	267
04N20W26C02S	6	7	3.2	10.8	8.2
04N20W26C02S	5	2.0	10.8	8.2	
Aquifer	B	G.S.	495.236	OBS #	159



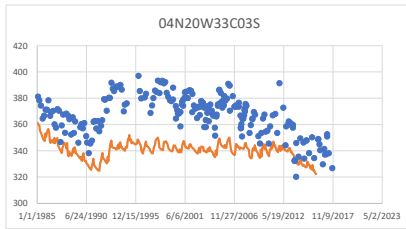
	110	0	397	0	404
04N20W26L01S	3	7	21.9	22.4	21.9
04N20W26L01S	10	5.4	9.9	8.3	
Aquifer	A+B	G.S.	432.3	OBS #	141



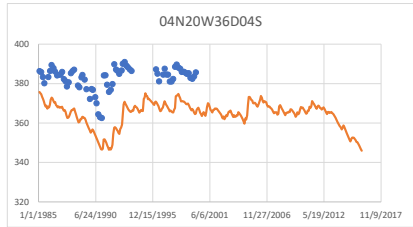
	0	0	0	470	-470
04N20W27N01S	7	7	39.8	40.7	39.8
04N20W27N01S	10	15.9	19.4	17.3	
Aquifer	B	G.S.	537.206	OBS #	133



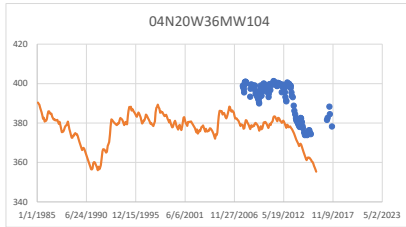
		633	0	1100	0	1100
04N20W31L01S	9	13	-123.5	128.4	123.5	
04N20W31L01S	7		-58.7	58.8	58.7	
Aquifer	C	G.S.	609.389	OBS #	3	



		470	0	700	0	724
04N20W33C03S	7	8	27.6	29.8	27.7	
04N20W33C03S	10		10.7	15.8	13.6	
Aquifer	B+C	G.S.	542.85	OBS #	209	

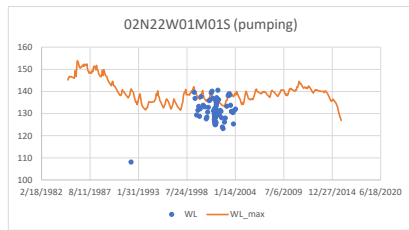


		34	0	68	0	70
04N20W36D04S	3	3	18.9	19.7	18.9	
04N20W36D04S	10		4.3	11.2	8.9	
Aquifer	A	G.S.	397.386	OBS #	74	

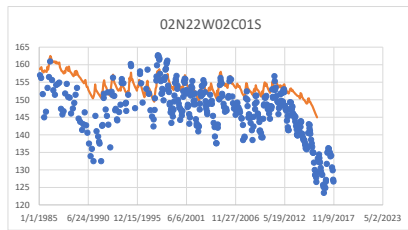


		10	0	40	0	40
04N20W36MW104	3	3	16.8	17.1	16.8	
04N20W36MW104	9		16.3	16.5	16.3	
Aquifer	A	G.S.	411.029	OBS #	132	

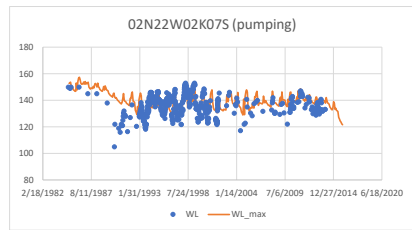
Well Hydrographs in Santa Paula basin



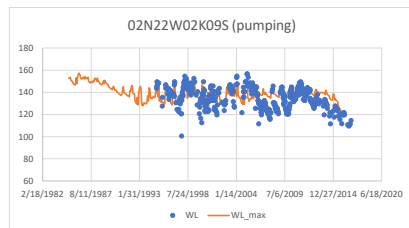
02N22W01M01S	70	0	107	0	116
02N22W01M01S	3	3	-4.7	6.4	5.1
02N22W01M01S	5		-4.7	6.3	5.0
Aquifer	A	G.S.	146.425	OBS #	104



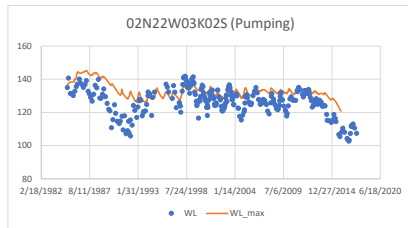
02N22W02C01S	190	0	225	0	226
02N22W02C01S	5	5	-5.8	7.3	6.2
02N22W02C01S	7		-4.0	5.3	4.3
Aquifer	B	G.S.	197.832	OBS #	375



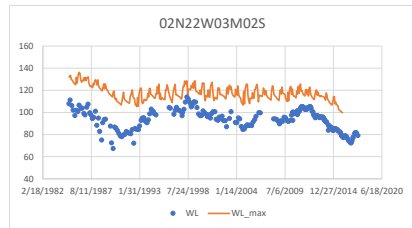
02N22W02K07S	168	0	698	0	698
02N22W02K07S	5	7	-2.4	7.1	5.5
02N22W02K07S	5		-0.6	6.9	5.5
Aquifer	B	G.S.	153.877	OBS #	518



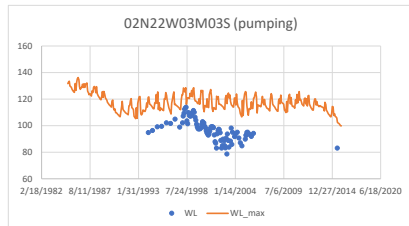
02N22W02K09S	300	0	400	0	420
02N22W02K09S	5	7	-4.0	9.1	7.4
02N22W02K09S	7		-0.4	8.7	6.6
Aquifer	B	G.S.	167.74	OBS #	514



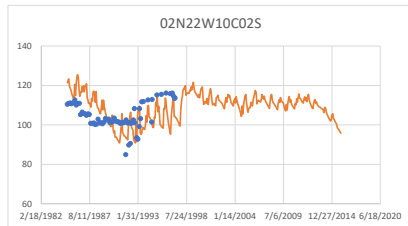
02N22W03K02S	0	115	164	0	164
02N22W03K02S	4	5	-5.7	8.2	6.5
02N22W03K02S	6		-0.3	5.4	4.2
Aquifer	B	G.S.	246.669	OBS #	277



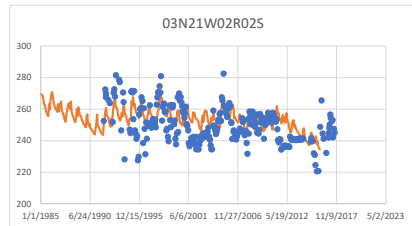
02N22W03M02S	468	0	528	0	544
02N22W03M02S	7	7	-22.1	23.2	22.1
02N22W03M02S	7		-22.1	23.2	22.1
Aquifer	B	G.S.	298.269	OBS #	213



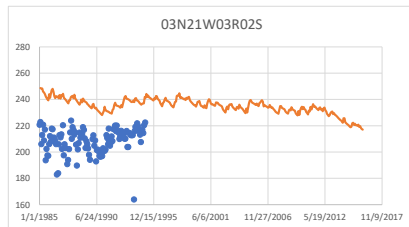
02N22W03M03S	354	0	568	0	604
02N22W03M03S	7	7	-21.7	22.9	21.7
02N22W03M03S	7		-21.7	22.9	21.7
Aquifer	B	G.S.	298.267	OBS #	90



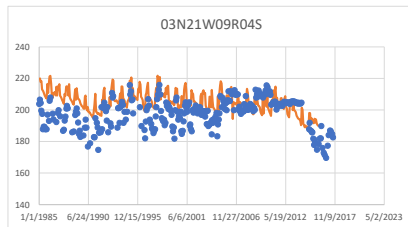
02N22W10C02S	279	0	575	0	575
02N22W10C02S	6	7	-1.4	9.5	8.2
02N22W10C02S	7		-1.3	9.5	8.2
Aquifer	B	G.S.	245.011	OBS #	69



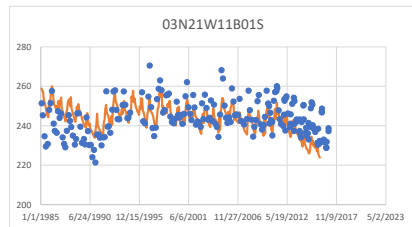
03N21W02R02S	202	0	360	0	377
03N21W02R02S	5	7	-4.2	10.7	8.8
03N21W02R02S	6		-3.5	10.5	8.6
Aquifer	B	G.S.	324.079	OBS #	258



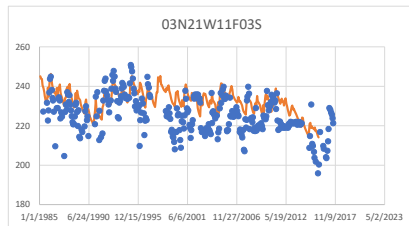
03N21W03R02S	238	0	524	0	560
03N21W03R02S	7	7	-29.3	30.8	29.3
03N21W03R02S	3		-27.0	28.6	27.0
Aquifer	B	G.S.	398.699	OBS #	119



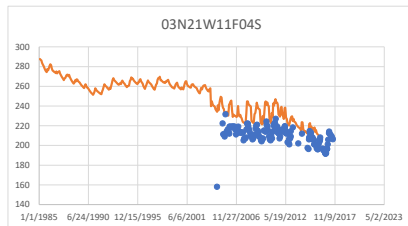
03N21W09R04S	360	0	756	0	780
03N21W09R04S	7	7	-7.0	11.4	9.5
03N21W09R04S	7		-7.0	11.4	9.5
Aquifer	B	G.S.	286.374	OBS #	304



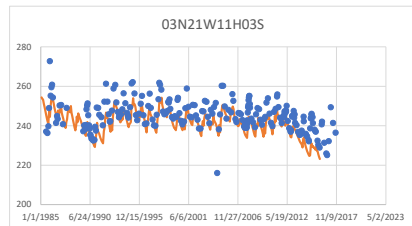
03N21W11B01S	0	0	0	0	0
03N21W11B01S	7	7	1.4	7.6	6.2
03N21W11B01S	6		1.6	7.5	6.2
Aquifer	B	G.S.	331.275	OBS #	201



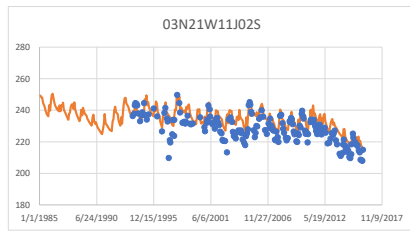
03N21W11F03S	153	0	518	0	540
03N21W11F03S	4	7	-7.3	10.2	8.5
03N21W11F03S	6		-6.1	9.5	7.8
Aquifer	B	G.S.	313.881	OBS #	310



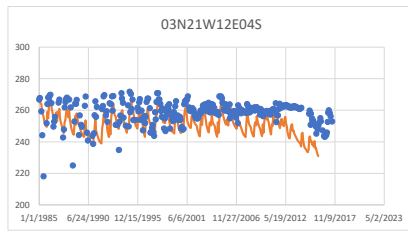
03N21W11F04S	570	0	850	0	860
03N21W11F04S	7	8	-18.8	20.2	18.8
03N21W11F04S	7		-15.8	16.9	15.8
Aquifer	B+C	G.S.	311.227	OBS #	126



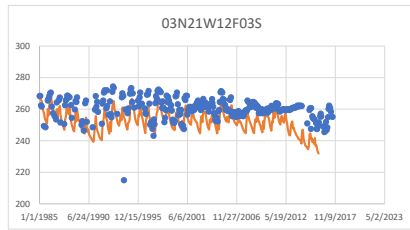
03N21W11H03S	0	0	0	230	-230
03N21W11H03S	1	5	5.0	6.7	5.5
03N21W11H03S	7		5.5	6.9	6.0
Aquifer	A+B	G.S.	307.877	OBS #	234



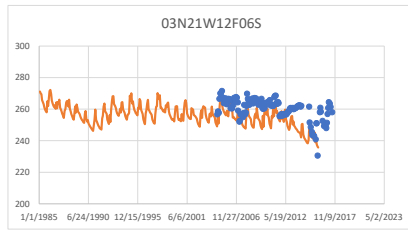
	260	0	700	0	1070
03N21W11J02S	5	7	-5.7	7.0	6.0
03N21W11J02S	6		-4.1	5.7	4.6
Aquifer	B	G.S.	286.964	OBS #	193



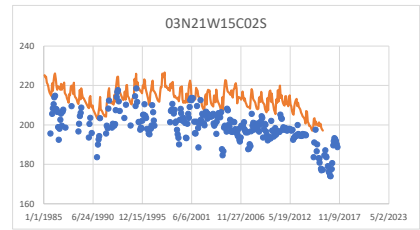
	120	0	284	0	300
03N21W12E04S	3	5	7.2	9.9	8.4
03N21W12E04S	7		4.1	8.5	6.8
Aquifer	A+B	G.S.	291.652	OBS #	304



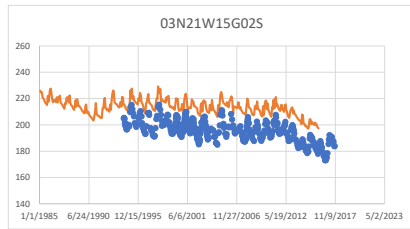
	120	0	284	0	302
03N21W12F03S	3	5	7.9	9.8	8.5
03N21W12F03S	7		4.6	7.7	6.2
Aquifer	A+B	G.S.	291.609	OBS #	299



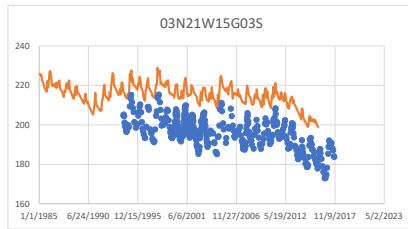
	120	0	395	0	400
03N21W12F06S	4	7	7.5	9.1	7.8
03N21W12F06S	7		7.5	9.1	7.8
Aquifer	B	G.S.	278.213	OBS #	126



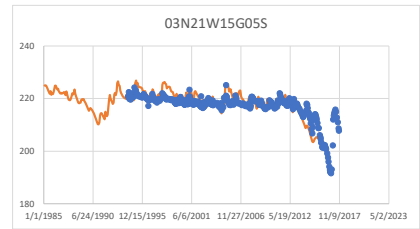
	176	0	322	0	350
03N21W15C02S	5	5	-13.6	14.5	13.6
03N21W15C02S	7		-12.0	13.1	12.1
Aquifer	B	G.S.	257.098	OBS #	270



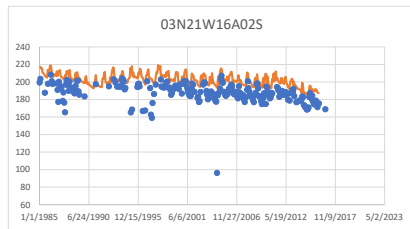
	520	0	540	0	540
03N21W15G02S	7	7	-16.4	16.7	16.4
03N21W15G02S	7		-16.4	16.7	16.4
Aquifer	B	G.S.	231.004	OBS #	405



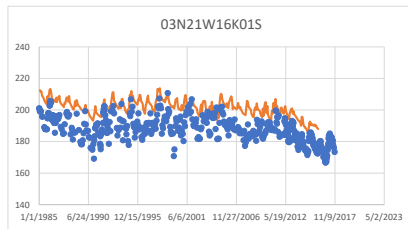
	370	0	390	0	390
03N21W15G03S	5	6	-18.0	18.3	18.0
03N21W15G03S	7		-16.3	16.6	16.3
Aquifer	B	G.S.	231.004	OBS #	414



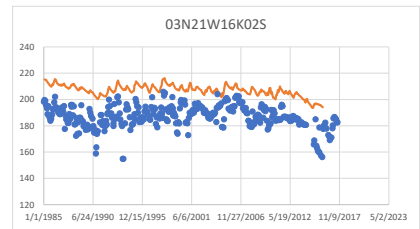
	60	0	80	0	80
03N21W15G05S	3	3	-0.6	2.7	2.0
03N21W15G05S	3		-0.6	2.7	2.0
Aquifer	A	G.S.	231.004	OBS #	418



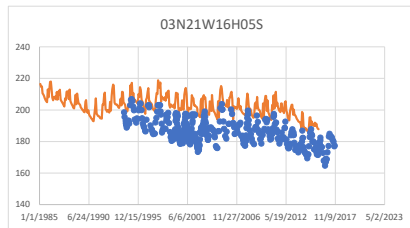
	430	0	580	0	600
03N21W16A02S	7	7	-14.4	16.7	14.4
03N21W16A02S	7		-14.4	16.7	14.4
Aquifer	B	G.S.	272.291	OBS #	229



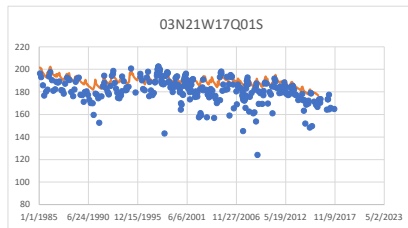
	119	0	214	0	216
03N21W16K01S	4	5	-12.2	13.2	12.3
03N21W16K01S	7		-10.0	11.2	10.2
Aquifer	B	G.S.	250.074	OBS #	472



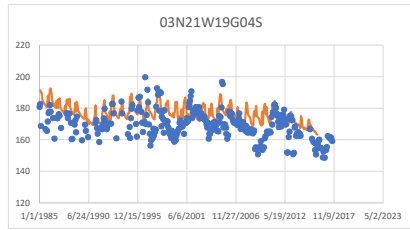
	92	0	243	0	243
03N21W16K02S	3	5	-19.9	21.0	19.9
03N21W16K02S	7		-13.0	14.8	13.1
Aquifer	A+B	G.S.	238.061	OBS #	359



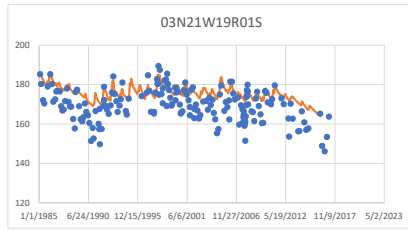
	530	0	550	0	550
03N21W16H05S	7	7	-15.3	15.9	15.3
03N21W16H05S	7		-15.3	15.9	15.3
Aquifer	B	G.S.	252.011	OBS #	411



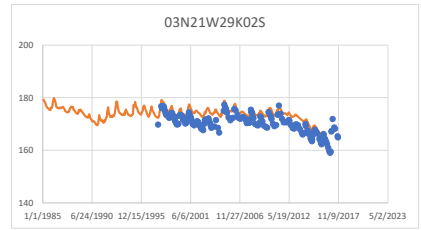
	183	0	243	0	243
03N21W17Q01S	5	5	-8.7	12.2	8.8
03N21W17Q01S	5		-8.7	12.2	8.8
Aquifer	B	G.S.	289.727	OBS #	285



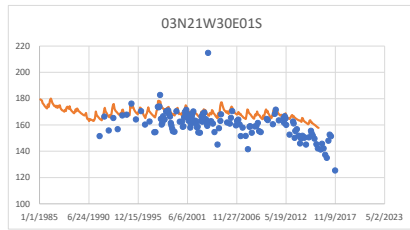
	450	0	720	0	720
03N21W19G04S	7	7	-7.6	10.6	8.8
03N21W19G04S	7		-7.6	10.6	8.8
Aquifer	B	G.S.	257.226	OBS #	285



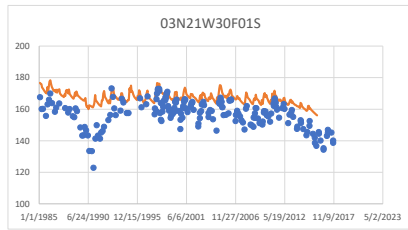
	160	0	205	0	210
03N21W19R01S	4	5	-6.1	8.0	6.6
03N21W19R01S	6		-4.4	6.5	5.2
Aquifer	B	G.S.	243.186	OBS #	184



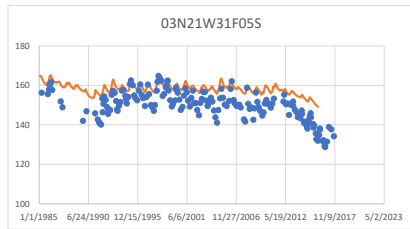
	30	0	60	0	70
03N21W29K02S	3	3	-2.9	3.2	2.9
03N21W29K02S	4		-2.9	3.1	2.9
Aquifer	A	G.S.	185.625	OBS #	172



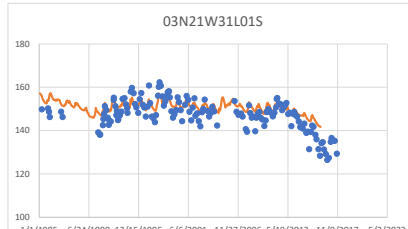
	160	0	240	0	240
03N21W30E01S	5	5	-7.4	10.0	8.2
03N21W30E01S	6		-6.9	9.5	7.7
Aquifer	B	G.S.	245.739	OBS #	129



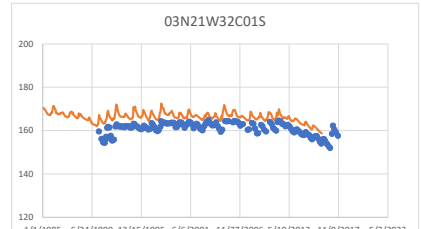
	260	0	424	0	440
03N21W30F01S	5	6	-10.2	11.6	10.3
03N21W30F01S	6		-9.2	10.5	9.2
Aquifer	B	G.S.	225.522	OBS #	198



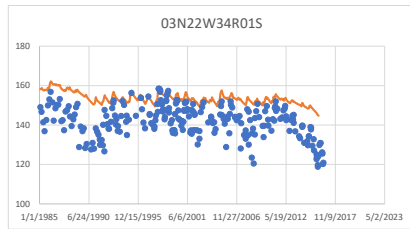
	92	0	102	0	102
03N21W31F05S	3	3	-7.2	8.2	7.3
03N21W31F05S	3		-7.2	8.2	7.3
Aquifer	A	G.S.	176.04	OBS #	171



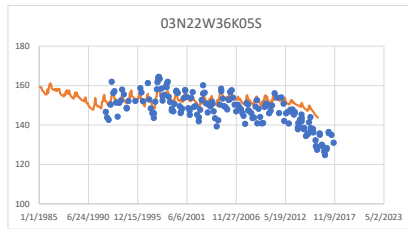
	137	0	157	0	157
03N21W31L01S	4	5	-2.4	4.4	3.6
03N21W31L01S	3		-2.0	4.3	3.4
Aquifer	B	G.S.	155.798	OBS #	147



	12	0	32	0	0
03N21W32C01S	3	3	-4.9	5.2	4.9
03N21W32C01S	3		-4.9	5.2	4.9
Aquifer	A	G.S.	197.566	OBS #	148



	300	0	343	0	354
03N22W34R01S	5	5	-11.1	12.7	11.1
03N22W34R01S	7		-4.9	7.2	5.5
Aquifer	B	G.S.	263.998	OBS #	249



	175	0	265	0	278
03N22W36K05S	5	5	-3.6	6.0	4.9
03N22W36K05S	5		-3.6	6.0	4.9
Aquifer	B	G.S.	185.121	OBS #	164

Appendix B – Monthly Flow Budgets

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Monthly Flow Budget for Aquifer A in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet									
			STORAGE	SCR Underflow	Mountain Front Recharge	ET	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore A	Piru B	Net Stream Percolation
1/31/1985	31	31	640	424	31	-209	354	-105	1	-1005	-2942	2811
2/28/1985	59	28	1028	383	12	-185	290	-140	0	-886	-2863	2361
3/31/1985	90	31	916	424	26	-265	343	-122	1	-990	-2972	2640
4/30/1985	120	30	2276	411	9	-276	364	-229	0	-937	-3297	1680
5/31/1985	151	31	2499	424	9	-318	368	-228	0	-953	-3276	1474
6/30/1985	181	30	2236	411	9	-306	764	-227	0	-895	-3191	1198
7/31/1985	212	31	1640	424	9	-312	2374	-343	0	-874	-3895	977
8/31/1985	243	31	2573	424	9	-293	473	-334	0	-842	-3259	1248
9/30/1985	273	30	-2393	411	9	-225	469	-336	0	-778	-5691	8535
10/31/1985	304	31	1726	424	9	-197	464	-339	0	-859	-3500	2271
11/30/1985	334	30	-1335	411	300	-144	1617	-53	4	-854	-1896	1951
12/31/1985	365	31	346	424	22	-126	369	-222	1	-881	-2840	2906
1/31/1986	396	31	-2424	424	244	-168	1313	-34	3	-892	-2267	3801
2/28/1986	424	28	-6420	383	611	-201	3113	-18	9	-862	-1666	5052
3/31/1986	455	31	-4201	424	310	-338	1748	-30	5	-1016	-2444	5543
4/30/1986	485	30	945	411	13	-379	401	-150	1	-975	-3309	3041
5/31/1986	516	31	2051	424	9	-417	407	-196	0	-997	-3629	2346
6/30/1986	546	30	2623	411	9	-318	680	-195	0	-950	-3586	1326
7/31/1986	577	31	-1814	424	9	-297	1540	-260	0	-880	-5289	6567
8/31/1986	608	31	574	424	9	-308	3530	-261	0	-978	-3759	769
9/30/1986	638	30	1766	411	16	-248	475	-151	1	-972	-2920	1622
10/31/1986	669	31	2223	424	9	-215	391	-260	0	-979	-3154	1561
11/30/1986	699	30	97	411	103	-155	755	-74	2	-960	-2445	2266
12/31/1986	730	31	1267	424	9	-127	346	-250	0	-957	-3267	2555
1/31/1987	761	31	554	424	55	-141	466	-105	1	-971	-2848	2564
2/28/1987	789	28	724	383	24	-139	369	-139	1	-844	-2755	2377
3/31/1987	820	31	430	424	67	-216	549	-97	1	-922	-2817	2581
4/30/1987	850	30	2101	411	9	-242	487	-273	0	-849	-3287	1644
5/31/1987	881	31	1833	424	9	-282	725	-270	0	-840	-3412	1811
6/30/1987	911	30	-2984	411	9	-276	1057	-270	0	-763	-5849	8665
7/31/1987	942	31	166	424	9	-296	649	-366	0	-817	-5042	5273
8/31/1987	973	31	1861	424	9	-288	587	-363	0	-856	-3930	2555
9/30/1987	1003	30	2083	411	9	-223	545	-358	0	-796	-3279	1608
10/31/1987	1034	31	411	424	60	-192	602	-132	2	-831	-2581	2239
11/30/1987	1064	30	16	411	134	-137	988	-98	3	-797	-2489	1969
12/31/1987	1095	31	-2532	424	213	-115	1284	-71	4	-836	-2645	4276
1/31/1988	1126	31	-1555	424	182	-149	1000	-42	3	-822	-2653	3611
2/29/1988	1155	29	-913	397	124	-167	727	-47	2	-762	-2557	3196
3/31/1988	1186	31	854	424	9	-263	323	-171	0	-816	-3563	3202
4/30/1988	1216	30	-952	411	160	-248	1072	-47	3	-768	-2703	3073
5/31/1988	1247	31	-2898	424	9	-330	409	-186	0	-797	-5639	9007
6/30/1988	1277	30	800	411	9	-286	405	-187	0	-821	-4198	3868
7/31/1988	1308	31	2349	424	9	-297	483	-243	0	-838	-3779	1892
8/31/1988	1339	31	2437	424	9	-285	483	-241	0	-812	-3641	1627
9/30/1988	1369	30	2001	411	9	-216	478	-241	0	-751	-3421	1730
10/31/1988	1400	31	1699	424	9	-182	473	-241	0	-747	-3504	2068
11/30/1988	1430	30	850	411	23	-125	418	-118	1	-716	-2965	2221
12/31/1988	1461	31	-3613	424	254	-106	1573	-42	5	-737	-3041	5283
1/31/1989	1492	31	858	424	11	-121	295	-115	1	-764	-3427	2837
2/28/1989	1520	28	-1256	383	164	-119	967	-36	2	-664	-2634	3192
3/31/1989	1551	31	615	424	20	-188	322	-89	1	-763	-3168	2827
4/30/1989	1581	30	1556	411	9	-214	391	-155	0	-716	-3468	2185
5/31/1989	1612	31	-755	424	9	-255	396	-155	0	-752	-4857	5945
6/30/1989	1642	30	1574	411	9	-253	391	-155	0	-740	-3128	1891
7/31/1989	1673	31	1870	424	9	-258	405	-183	0	-713	-3341	1787
8/31/1989	1704	31	2042	424	9	-235	405	-181	0	-708	-3117	1361
9/30/1989	1734	30	1575	411	9	-180	400	-179	0	-659	-2953	1575
10/31/1989	1765	31	1093	424	9	-157	395	-179	0	-661	-3164	2239
11/30/1989	1795	30	1203	411	9	-111	376	-170	0	-605	-3185	2073
12/31/1989	1826	31	1248	424	9	-92	367	-175	0	-601	-3214	2034
1/31/1990	1857	31	-567	424	128	-104	739	-43	2	-629	-2951	3002
2/28/1990	1885	28	-735	383	117	-103	809	-46	3	-553	-2976	3102
3/31/1990	1916	31	674	424	9	-163	508	-149	0	-607	-3340	2642
4/30/1990	1946	30	523	411	9	-189	1177	-148	0	-580	-3959	2757

Monthly Flow Budget for Aquifer A in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet									
			STORAGE	SCR Underflow	Mountain Front Recharge	ET	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore A	Piru B	Net Stream Percolation
5/31/1990	1977	31	1184	424	9	-225	459	-142	0	-587	-3019	1897
6/30/1990	2007	30	1256	411	9	-223	427	-148	0	-549	-2933	1749
7/31/1990	2038	31	1165	424	9	-237	473	-164	0	-551	-2805	1686
8/31/1990	2069	31	988	424	9	-231	443	-155	0	-532	-2896	1949
9/30/1990	2099	30	881	411	9	-180	442	-145	0	-490	-2823	1894
10/31/1990	2130	31	943	424	9	-157	437	-142	0	-483	-2857	1826
11/30/1990	2160	30	717	411	9	-111	442	-142	0	-443	-2983	2100
12/31/1990	2191	31	990	424	9	-92	437	-142	0	-437	-2969	1780
1/31/1991	2222	31	209	424	32	-104	444	-81	1	-425	-2691	2192
2/28/1991	2250	28	-253	383	95	-103	660	-50	2	-364	-2771	2402
3/31/1991	2281	31	-4906	424	791	-167	4194	-15	12	-433	-5561	5663
4/30/1991	2311	30	1452	411	9	-196	502	-173	1	-419	-3451	1865
5/31/1991	2342	31	861	424	9	-225	455	-175	0	-434	-3995	3080
6/30/1991	2372	30	1144	411	9	-223	466	-171	0	-413	-3248	2026
7/31/1991	2403	31	1062	424	9	-237	414	-167	0	-417	-2424	1336
8/31/1991	2434	31	1128	424	9	-231	411	-160	0	-410	-2178	1004
9/30/1991	2464	30	858	411	9	-180	406	-159	0	-381	-2071	1107
10/31/1991	2495	31	-3275	424	9	-157	399	-162	0	-503	-7948	11213
11/30/1991	2525	30	660	411	9	-111	395	-161	0	-529	-3659	2984
12/31/1991	2556	31	-1498	424	271	-92	1558	-28	4	-509	-2862	2732
1/31/1992	2587	31	-641	424	125	-104	1035	-41	2	-512	-3400	3112
2/29/1992	2616	29	-9309	397	701	-150	5107	-15	12	-494	-5701	9453
3/31/1992	2647	31	-6039	424	434	-241	3993	-19	7	-583	-3958	5981
4/30/1992	2677	30	-2461	411	9	-301	2487	-161	0	-591	-5367	5976
5/31/1992	2708	31	-201	424	9	-287	2789	-163	0	-664	-4920	3011
6/30/1992	2738	30	1342	411	9	-226	998	-164	0	-677	-3816	2123
7/31/1992	2769	31	2209	424	9	-237	420	-187	0	-720	-3491	1573
8/31/1992	2800	31	2397	424	9	-231	420	-188	0	-742	-3328	1238
9/30/1992	2830	30	-974	411	9	-180	417	-186	0	-723	-4325	5551
10/31/1992	2861	31	-4567	424	74	-166	1711	-62	1	-833	-6375	9791
11/30/1992	2891	30	-3150	411	9	-132	3349	-201	0	-819	-5815	6347
12/31/1992	2922	31	-2692	424	285	-115	1964	-35	5	-930	-2492	3586
1/31/1993	2953	31	-10991	424	821	-178	4767	-11	14	-1021	-1363	7536
2/28/1993	2981	28	-7905	383	578	-229	3390	-16	9	-1017	-3119	7927
3/31/1993	3012	31	-7427	424	220	-438	1205	-44	3	-1194	-4266	11517
4/30/1993	3042	30	-2464	411	9	-571	1706	-233	0	-1187	-5040	7372
5/31/1993	3073	31	-213	424	9	-655	3037	-236	0	-1241	-4745	3621
6/30/1993	3103	30	1004	411	9	-741	2038	-197	0	-1278	-4164	2919
7/31/1993	3134	31	1521	424	9	-800	2292	-241	0	-1458	-3653	1907
8/31/1993	3165	31	2316	424	9	-777	538	-241	0	-1489	-3634	2852
9/30/1993	3195	30	1182	411	9	-605	563	-241	0	-1455	-3994	4131
10/31/1993	3226	31	-231	424	9	-521	3376	-240	0	-1504	-4463	3150
11/30/1993	3256	30	318	411	9	-353	1881	-165	0	-1459	-3547	2905
12/31/1993	3287	31	-339	424	47	-307	1622	-88	1	-1542	-2879	3060
1/31/1994	3318	31	849	424	9	-347	866	-208	0	-1436	-3858	3701
2/28/1994	3346	28	-1645	383	314	-357	1917	-26	4	-1305	-2022	2739
3/31/1994	3377	31	404	424	93	-577	1002	-59	2	-1484	-2677	2871
4/30/1994	3407	30	1839	411	9	-652	418	-220	0	-1378	-3319	2892
5/31/1994	3438	31	1998	424	9	-742	414	-192	0	-1387	-3529	3005
6/30/1994	3468	30	2938	411	9	-630	367	-217	0	-1263	-3517	1903
7/31/1994	3499	31	3613	424	9	-548	358	-256	0	-1226	-3567	1192
8/31/1994	3530	31	2942	424	9	-435	365	-252	0	-1186	-3915	2049
9/30/1994	3560	30	-581	411	9	-283	354	-250	0	-1004	-4743	6088
10/31/1994	3591	31	-1193	424	34	-248	1396	-113	1	-1062	-4092	4854
11/30/1994	3621	30	-63	411	11	-184	1110	-182	1	-1071	-3787	3755
12/31/1994	3652	31	-2095	424	22	-176	1886	-128	1	-1248	-3832	5147
1/31/1995	3683	31	-10142	424	1177	-312	5709	-7	15	-1387	-550	5073
2/28/1995	3711	28	123	383	44	-294	1006	-82	2	-1126	-2796	2739
3/31/1995	3742	31	-5928	424	481	-578	2565	-14	6	-1348	-2665	7058
4/30/1995	3772	30	35	411	11	-715	1327	-138	1	-1349	-3477	3895
5/31/1995	3803	31	1564	424	10	-657	1955	-117	0	-1218	-3267	1307
6/30/1995	3833	30	1579	411	9	-749	1527	-185	0	-1239	-3587	2234
7/31/1995	3864	31	2809	424	9	-527	477	-209	0	-1052	-3719	1786

Monthly Flow Budget for Aquifer A in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet									
			STORAGE	SCR Underflow	Mountain Front Recharge	ET	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore A	Piru B	Net Stream Percolation
8/31/1995	3895	31	958	424	9	-490	1432	-209	0	-1068	-4093	3035
9/30/1995	3925	30	840	411	9	-355	1581	-208	0	-1037	-4003	2763
10/31/1995	3956	31	1167	424	9	-286	572	-209	0	-1079	-4024	3426
11/30/1995	3986	30	1196	411	9	-197	320	-208	0	-1040	-3622	3132
12/31/1995	4017	31	-401	424	101	-222	697	-60	2	-1252	-2433	3145
1/31/1996	4048	31	1182	424	16	-308	354	-107	1	-1384	-2964	2787
2/29/1996	4077	29	-3792	397	432	-358	2227	-23	6	-1399	-1748	4259
3/31/1996	4108	31	-1883	424	120	-583	1027	-49	3	-1557	-2902	5402
4/30/1996	4138	30	-425	411	9	-710	389	-147	1	-1475	-3753	5701
5/31/1996	4169	31	2435	424	9	-780	364	-189	0	-1432	-3815	2983
6/30/1996	4199	30	3926	411	9	-638	358	-189	0	-1294	-3489	907
7/31/1996	4230	31	4007	424	9	-571	501	-213	0	-1281	-3975	1097
8/31/1996	4261	31	3629	424	9	-480	508	-206	0	-1237	-4051	1403
9/30/1996	4291	30	875	411	9	-268	476	-198	0	-1008	-4777	4480
10/31/1996	4322	31	-2274	424	96	-240	629	-52	1	-1052	-3658	6126
11/30/1996	4352	30	295	411	125	-192	875	-50	2	-1085	-2865	2485
12/31/1996	4383	31	-3007	424	360	-215	1928	-28	4	-1335	-1910	3777
1/31/1997	4414	31	-3699	424	413	-310	2272	-20	5	-1376	-1914	4205
2/28/1997	4442	28	619	383	9	-319	448	-158	0	-1186	-3180	3384
3/31/1997	4473	31	-2309	424	9	-512	350	-162	0	-1348	-4031	7579
4/30/1997	4503	30	1812	411	9	-565	348	-164	0	-1250	-3687	3087
5/31/1997	4534	31	3509	424	9	-562	312	-163	0	-1253	-3492	1216
6/30/1997	4564	30	3452	411	9	-454	347	-158	0	-1186	-3311	890
7/31/1997	4595	31	2926	424	9	-417	605	-224	0	-1180	-3779	1635
8/31/1997	4626	31	-850	424	9	-342	723	-220	0	-1006	-5178	6440
9/30/1997	4656	30	612	411	9	-264	563	-220	0	-1004	-4594	4487
10/31/1997	4687	31	-72	424	9	-227	625	-220	0	-1046	-4675	5182
11/30/1997	4717	30	-408	411	115	-177	832	-60	2	-1110	-2523	2917
12/31/1997	4748	31	-2733	424	413	-191	2318	-28	7	-1309	-1795	2894
1/31/1998	4779	31	-1655	424	181	-264	1113	-45	3	-1396	-2403	4043
2/28/1998	4807	28	-12516	383	1206	-352	5831	-12	16	-1320	-1007	7772
3/31/1998	4838	31	-5160	424	245	-651	1425	-37	5	-1499	-2905	8156
4/30/1998	4868	30	-1365	411	81	-777	2336	-74	2	-1431	-3589	4410
5/31/1998	4899	31	-1802	424	275	-971	3708	-33	3	-1496	-2709	2602
6/30/1998	4929	30	2417	411	9	-868	2573	-219	0	-1312	-3333	323
7/31/1998	4960	31	4019	424	9	-709	446	-202	0	-1168	-2868	48
8/31/1998	4991	31	1498	424	9	-778	326	-204	0	-1271	-3501	3497
9/30/1998	5021	30	2141	411	9	-526	327	-202	0	-1175	-3726	2742
10/31/1998	5052	31	1394	424	9	-360	338	-200	0	-1070	-4073	3538
11/30/1998	5082	30	-231	411	33	-259	1042	-97	1	-1063	-3372	3537
12/31/1998	5113	31	-971	424	9	-225	1087	-190	0	-1076	-3972	4914
1/31/1999	5144	31	-1004	424	107	-320	833	-72	2	-1256	-2969	4255
2/28/1999	5172	28	378	383	21	-361	390	-162	1	-1285	-3176	3811
3/31/1999	5203	31	90	424	97	-581	617	-82	1	-1496	-3054	3983
4/30/1999	5233	30	-1798	411	83	-725	581	-95	2	-1489	-3364	6394
5/31/1999	5264	31	1354	424	9	-843	446	-287	0	-1520	-4043	4460
6/30/1999	5294	30	2623	411	9	-781	402	-287	0	-1378	-3951	2953
7/31/1999	5325	31	4969	424	9	-656	413	-229	0	-1323	-3423	-184
8/31/1999	5356	31	4145	424	9	-565	413	-228	0	-1274	-3359	435
9/30/1999	5386	30	-66	411	9	-333	406	-218	0	-1053	-4466	5311
10/31/1999	5417	31	997	424	9	-270	766	-218	0	-1080	-4217	3588
11/30/1999	5447	30	2074	411	9	-217	345	-174	0	-1174	-3097	1824
12/31/1999	5478	31	2229	424	9	-162	399	-219	0	-1205	-3260	1784
1/31/2000	5509	31	898	424	80	-168	631	-85	2	-1210	-2748	2177
2/29/2000	5538	29	-5250	397	408	-213	2208	-31	6	-1182	-1831	5489
3/31/2000	5569	31	-1986	424	119	-410	815	-70	3	-1258	-3316	5680
4/30/2000	5599	30	827	411	99	-452	727	-80	2	-1185	-2913	2564
5/31/2000	5630	31	1729	424	9	-466	507	-280	0	-1184	-4018	3279
6/30/2000	5660	30	152	411	9	-501	506	-276	0	-1140	-4352	5193
7/31/2000	5691	31	3261	424	9	-399	413	-199	0	-1125	-3709	1323
8/31/2000	5722	31	3288	424	9	-324	424	-197	0	-1095	-3549	1019
9/30/2000	5752	30	-2392	411	9	-236	419	-196	0	-964	-5474	8424
10/31/2000	5783	31	-1087	424	20	-222	431	-123	1	-1050	-4575	6182

Monthly Flow Budget for Aquifer A in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet									
			STORAGE	SCR Underflow	Mountain Front Recharge	ET	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore A	Piru B	Net Stream Percolation
11/30/2000	5813	30	892	411	9	-160	412	-199	0	-1044	-3708	3388
12/31/2000	5844	31	1973	424	9	-135	411	-200	0	-1155	-3146	1820
1/31/2001	5875	31	-2252	424	303	-169	1702	-37	4	-1209	-2030	3263
2/28/2001	5903	28	-4518	383	470	-209	2611	-27	8	-1135	-1284	3701
3/31/2001	5934	31	-3306	424	226	-425	1715	-51	3	-1263	-2901	5579
4/30/2001	5964	30	-240	411	57	-497	1858	-96	1	-1217	-3410	3134
5/31/2001	5995	31	2263	424	9	-495	955	-260	0	-1224	-3838	2165
6/30/2001	6025	30	2609	411	9	-398	466	-256	0	-1159	-3874	2193
7/31/2001	6056	31	3033	424	9	-378	410	-189	0	-1174	-3387	1251
8/31/2001	6087	31	3357	424	9	-333	416	-187	0	-1145	-3131	590
9/30/2001	6117	30	-2365	411	9	-250	410	-187	0	-990	-5301	8262
10/31/2001	6148	31	-594	424	9	-235	413	-192	0	-1058	-4733	5967
11/30/2001	6178	30	-1432	411	169	-185	1161	-48	3	-1071	-2383	3377
12/31/2001	6209	31	-58	424	41	-177	465	-87	1	-1257	-2450	3098
1/31/2002	6240	31	591	424	21	-187	337	-79	1	-1248	-2707	2848
2/28/2002	6268	28	1692	383	9	-166	296	-146	0	-1061	-2920	1913
3/31/2002	6299	31	1328	424	9	-244	412	-146	0	-1140	-3288	2644
4/30/2002	6329	30	1637	411	9	-275	457	-143	0	-1065	-3229	2197
5/31/2002	6360	31	2447	424	9	-316	492	-139	0	-1068	-3225	1376
6/30/2002	6390	30	2228	411	9	-304	487	-135	0	-997	-3067	1368
7/31/2002	6421	31	2533	424	9	-314	553	-176	0	-988	-3259	1217
8/31/2002	6452	31	3104	424	9	-293	579	-176	0	-953	-2978	284
9/30/2002	6482	30	-2598	411	9	-225	498	-177	0	-855	-5772	8710
10/31/2002	6513	31	2278	424	9	-197	485	-179	0	-953	-2882	1013
11/30/2002	6543	30	-710	411	239	-144	1550	-34	3	-931	-1957	1575
12/31/2002	6574	31	-2120	424	206	-130	1318	-40	3	-976	-2282	3598
1/31/2003	6605	31	1111	424	9	-141	364	-153	0	-979	-3323	2688
2/28/2003	6633	28	-3223	383	313	-142	1942	-24	6	-838	-2251	3835
3/31/2003	6664	31	-1570	424	161	-251	969	-38	3	-951	-2651	3905
4/30/2003	6694	30	-1811	411	37	-376	438	-77	1	-930	-3276	5583
5/31/2003	6725	31	817	424	58	-388	486	-60	1	-960	-3199	2820
6/30/2003	6755	30	1994	411	9	-294	409	-153	0	-912	-3428	1965
7/31/2003	6786	31	2507	424	9	-298	429	-176	0	-926	-3370	1400
8/31/2003	6817	31	2652	424	9	-288	427	-174	0	-906	-3194	1049
9/30/2003	6847	30	-3208	411	9	-225	446	-177	0	-832	-5863	9440
10/31/2003	6878	31	-66	424	9	-196	451	-182	0	-926	-4068	4555
11/30/2003	6908	30	463	411	33	-141	459	-81	1	-951	-2667	2474
12/31/2003	6939	31	-1045	424	97	-123	773	-56	2	-982	-2540	3451
1/31/2004	6970	31	-215	424	9	-141	335	-106	1	-984	-3442	4119
2/29/2004	6999	29	-4153	397	331	-160	1889	-24	5	-900	-2257	4874
3/31/2004	7030	31	142	424	9	-318	318	-147	0	-994	-3744	4310
4/30/2004	7060	30	2018	411	9	-283	331	-146	0	-933	-3440	2034
5/31/2004	7091	31	2036	424	9	-289	336	-146	0	-946	-3347	1922
6/30/2004	7121	30	1903	411	9	-279	353	-144	0	-897	-3159	1804
7/31/2004	7152	31	2588	424	9	-297	429	-200	0	-901	-3199	1148
8/31/2004	7183	31	2061	424	9	-286	433	-198	0	-875	-2987	1419
9/30/2004	7213	30	2006	411	9	-218	452	-198	0	-820	-2769	1127
10/31/2004	7244	31	-6709	424	335	-193	2061	-33	6	-867	-4328	9306
11/30/2004	7274	30	1254	411	9	-139	422	-201	0	-903	-3230	2377
12/31/2004	7305	31	-5215	424	411	-125	2337	-27	6	-953	-2353	5494
1/31/2005	7336	31	-13515	424	948	-230	4908	-13	15	-1050	-3039	11552
2/28/2005	7364	28	-10408	383	608	-254	4137	-18	11	-1045	-3504	10090
3/31/2005	7395	31	-4560	424	114	-530	740	-60	2	-1249	-4017	9137
4/30/2005	7425	30	-1801	411	10	-666	313	-167	1	-1251	-3700	6853
5/31/2005	7456	31	73	424	9	-782	360	-224	0	-1285	-4220	5645
6/30/2005	7486	30	2138	411	9	-642	881	-221	0	-1125	-3465	2016
7/31/2005	7517	31	863	424	9	-798	1675	-221	0	-1284	-3927	3259
8/31/2005	7548	31	2982	424	9	-742	394	-219	0	-1324	-3217	1694
9/30/2005	7578	30	482	411	9	-438	390	-219	0	-1038	-3960	4364
10/31/2005	7609	31	-636	424	57	-455	556	-97	2	-1206	-2994	4349
11/30/2005	7639	30	1340	411	9	-383	383	-220	0	-1378	-3233	3070
12/31/2005	7670	31	1538	424	9	-319	370	-214	0	-1468	-3411	3070
1/31/2006	7701	31	-2876	424	251	-376	1408	-80	3	-1579	-2992	5817

Monthly Flow Budget for Aquifer A in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet									
			STORAGE	SCR Underflow	Mountain Front Recharge	ET	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore A	Piru B	Net Stream Percolation
2/28/2006	7729	28	-2744	383	261	-391	1515	-73	4	-1516	-2488	5049
3/31/2006	7760	31	-3406	424	228	-654	1377	-87	4	-1740	-3139	6995
4/30/2006	7790	30	-2978	411	262	-775	1467	-76	4	-1710	-3223	6620
5/31/2006	7821	31	147	424	13	-927	1629	-273	1	-1707	-4017	4711
6/30/2006	7851	30	2361	411	9	-918	1426	-444	0	-1534	-4359	3049
7/31/2006	7882	31	4637	424	9	-871	347	-194	0	-1501	-3097	246
8/31/2006	7913	31	3805	424	9	-469	350	-192	0	-1080	-3247	398
9/30/2006	7943	30	1984	411	9	-342	343	-194	0	-1047	-3604	2440
10/31/2006	7974	31	996	424	9	-291	346	-196	0	-1089	-3756	3557
11/30/2006	8004	30	1620	411	9	-243	344	-195	0	-1155	-2942	2151
12/31/2006	8035	31	1811	424	9	-232	303	-168	1	-1333	-3020	2205
1/31/2007	8066	31	526	424	53	-280	423	-79	1	-1379	-2857	3168
2/28/2007	8094	28	404	383	36	-298	407	-98	1	-1231	-2805	3201
3/31/2007	8125	31	2158	424	9	-435	338	-190	0	-1300	-3518	2513
4/30/2007	8155	30	1831	411	9	-427	295	-133	0	-1227	-3209	2450
5/31/2007	8186	31	2708	424	9	-396	343	-190	0	-1212	-3420	1735
6/30/2007	8216	30	2943	411	9	-342	342	-190	0	-1131	-3255	1213
7/31/2007	8247	31	3419	424	9	-341	378	-217	0	-1080	-3522	930
8/31/2007	8278	31	-353	424	9	-303	391	-215	0	-982	-4761	5790
9/30/2007	8308	30	-707	411	9	-225	354	-208	0	-924	-4850	6141
10/31/2007	8339	31	-1090	424	9	-196	386	-220	0	-977	-4952	6615
11/30/2007	8369	30	1391	411	9	-145	377	-218	0	-978	-3525	2679
12/31/2007	8400	31	-1698	424	188	-136	1011	-48	2	-1056	-2547	3861
1/31/2008	8431	31	-8139	424	682	-200	3439	-22	10	-1148	-1760	6713
2/29/2008	8460	29	-2148	397	92	-241	597	-72	2	-1074	-3146	5594
3/31/2008	8491	31	102	424	9	-350	407	-228	0	-1115	-4316	5067
4/30/2008	8521	30	1371	411	9	-399	396	-227	0	-1092	-3981	3513
5/31/2008	8552	31	2329	424	9	-409	397	-227	0	-1128	-3939	2544
6/30/2008	8582	30	1671	411	9	-402	394	-227	0	-1084	-3758	2987
7/31/2008	8613	31	2386	424	9	-381	418	-214	0	-1101	-3820	2278
8/31/2008	8644	31	1663	424	9	-383	414	-213	0	-1078	-3817	2981
9/30/2008	8674	30	-3038	411	9	-241	394	-214	0	-941	-5935	9555
10/31/2008	8705	31	-1087	424	9	-208	389	-219	0	-1021	-5549	7260
11/30/2008	8735	30	-451	411	121	-170	791	-63	2	-1088	-2685	3133
12/31/2008	8766	31	-1112	424	117	-166	801	-61	3	-1223	-2762	3979
1/31/2009	8797	31	665	424	9	-204	264	-155	0	-1216	-3469	3681
2/28/2009	8825	28	-4879	383	331	-253	1731	-25	4	-1136	-2585	6428
3/31/2009	8856	31	-156	424	9	-428	263	-156	0	-1269	-3955	5267
4/30/2009	8886	30	1373	411	9	-466	270	-156	0	-1177	-3658	3394
5/31/2009	8917	31	2833	424	9	-448	283	-156	0	-1183	-3518	1756
6/30/2009	8947	30	2989	411	9	-356	287	-155	0	-1119	-3314	1248
7/31/2009	8978	31	3675	424	9	-346	380	-202	0	-1121	-3648	829
8/31/2009	9009	31	3326	424	9	-325	389	-201	0	-1091	-3509	977
9/30/2009	9039	30	-1505	411	9	-233	392	-200	0	-959	-5076	7161
10/31/2009	9070	31	-2916	424	154	-196	922	-56	2	-992	-3774	6432
11/30/2009	9100	30	992	411	9	-148	386	-203	0	-1015	-3696	3265
12/31/2009	9131	31	-2863	424	251	-142	1401	-39	4	-1139	-2568	4671
1/31/2010	9162	31	-4861	424	390	-220	2058	-30	6	-1226	-2351	5810
2/28/2010	9190	28	-2799	383	239	-256	1338	-42	4	-1123	-2534	4790
3/31/2010	9221	31	-2127	424	9	-422	333	-214	0	-1263	-4387	7648
4/30/2010	9251	30	-3526	411	75	-544	530	-79	1	-1238	-3878	8247
5/31/2010	9282	31	1616	424	9	-645	341	-222	0	-1287	-4219	3983
6/30/2010	9312	30	3562	411	9	-528	449	-219	0	-1214	-3685	1216
7/31/2010	9343	31	4596	424	9	-476	508	-235	0	-1213	-3828	215
8/31/2010	9374	31	4429	424	9	-398	507	-234	0	-1184	-3693	139
9/30/2010	9404	30	242	411	9	-265	493	-234	0	-1061	-4684	5088
10/31/2010	9435	31	-1599	424	72	-247	658	-92	1	-1062	-4349	6193
11/30/2010	9465	30	104	411	28	-175	479	-131	1	-1061	-3341	3685
12/31/2010	9496	31	-6409	424	580	-204	3042	-25	8	-1299	-1465	5347
1/31/2011	9527	31	1174	424	9	-275	346	-198	1	-1258	-3301	3079
2/28/2011	9555	28	-2343	383	210	-281	1165	-47	3	-1160	-2463	4533
3/31/2011	9586	31	-6832	424	369	-516	1989	-30	5	-1371	-2969	8931
4/30/2011	9616	30	-2600	411	9	-653	364	-213	0	-1341	-4558	8584

Monthly Flow Budget for Aquifer A in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet									
			STORAGE	SCR Underflow	Mountain Front Recharge	ET	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore A	Piru B	Net Stream Percolation
5/31/2011	9647	31	1712	424	10	-757	403	-160	0	-1338	-3720	3427
6/30/2011	9677	30	1684	411	9	-745	483	-215	0	-1335	-3723	3432
7/31/2011	9708	31	3999	424	9	-672	487	-217	0	-1332	-3544	845
8/31/2011	9739	31	3579	424	9	-567	481	-212	0	-1306	-3452	1044
9/30/2011	9769	30	784	411	9	-356	475	-207	0	-1108	-4538	4531
10/31/2011	9800	31	-947	424	46	-274	449	-85	1	-1079	-3788	5253
11/30/2011	9830	30	-7	411	66	-254	545	-73	1	-1217	-2619	3148
12/31/2011	9861	31	1229	424	9	-214	359	-209	0	-1309	-3356	3066
1/31/2012	9892	31	1463	424	51	-243	455	-105	1	-1281	-2837	2072
2/29/2012	9921	29	1711	397	9	-208	377	-235	0	-1147	-3300	2397
3/31/2012	9952	31	-1109	424	175	-318	1041	-55	3	-1244	-2743	3827
4/30/2012	9982	30	-1031	411	138	-445	838	-61	2	-1234	-2806	4188
5/31/2012	10013	31	2285	424	9	-445	444	-235	0	-1198	-3575	2291
6/30/2012	10043	30	3365	411	9	-341	501	-234	0	-1097	-3466	853
7/31/2012	10074	31	3207	424	9	-341	491	-228	0	-1110	-3319	866
8/31/2012	10105	31	3240	424	9	-321	492	-226	0	-1080	-3169	632
9/30/2012	10135	30	-1950	411	9	-229	475	-227	0	-932	-5160	7602
10/31/2012	10166	31	-701	424	9	-196	482	-232	0	-988	-4666	5868
11/30/2012	10196	30	860	411	37	-150	534	-108	1	-1044	-2416	1875
12/31/2012	10227	31	-11	424	75	-135	713	-74	1	-1115	-2303	2424
1/31/2013	10258	31	846	424	42	-152	510	-80	1	-1109	-2535	2054
2/28/2013	10286	28	1257	383	9	-147	321	-176	0	-953	-2850	2156
3/31/2013	10317	31	1176	424	10	-228	315	-133	1	-1028	-2916	2378
4/30/2013	10347	30	1609	411	9	-268	333	-174	0	-950	-3039	2068
5/31/2013	10378	31	2100	424	9	-290	407	-173	0	-949	-3123	1595
6/30/2013	10408	30	2457	411	9	-279	444	-170	0	-881	-2884	895
7/31/2013	10439	31	2293	424	9	-297	475	-178	0	-863	-2765	901
8/31/2013	10470	31	2209	424	9	-283	472	-178	0	-825	-2583	753
9/30/2013	10500	30	1719	411	9	-214	469	-178	0	-766	-2497	1047
10/31/2013	10531	31	1191	424	9	-179	476	-178	0	-777	-2638	1671
11/30/2013	10561	30	530	411	11	-120	422	-128	1	-745	-2695	2314
12/31/2013	10592	31	985	424	9	-94	467	-174	0	-751	-3100	2234
1/31/2014	10623	31	1089	424	9	-104	375	-212	0	-727	-3133	2279
2/28/2014	10651	28	-1150	383	200	-103	1084	-44	2	-622	-2784	3035
3/31/2014	10682	31	52	424	83	-162	590	-66	2	-711	-3090	2878
4/30/2014	10712	30	1419	411	9	-188	351	-208	0	-656	-2880	1742
5/31/2014	10743	31	1661	424	9	-225	383	-210	0	-667	-2686	1311
6/30/2014	10773	30	1130	411	9	-223	397	-208	0	-618	-2553	1655
7/31/2014	10804	31	1830	424	9	-237	370	-190	0	-641	-2425	859
8/31/2014	10835	31	1639	424	9	-228	364	-179	0	-615	-2059	643
9/30/2014	10865	30	1014	411	9	-180	373	-168	0	-564	-1763	869
10/31/2014	10896	31	690	424	9	-157	373	-174	0	-563	-1869	1266
11/30/2014	10926	30	248	411	9	-111	332	-150	0	-516	-2356	2132
12/31/2014	10957	31	-2179	424	280	-92	1635	-30	4	-535	-4486	4977
1/31/2015	10988	31	-505	424	48	-104	421	-64	1	-559	-3902	4240
2/28/2015	11016	28	474	383	9	-103	269	-119	1	-470	-2602	2159
3/31/2015	11047	31	366	424	9	-162	282	-114	0	-528	-2744	2466
4/30/2015	11077	30	1113	411	9	-188	329	-149	0	-492	-2639	1606
5/31/2015	11108	31	103	424	9	-225	321	-125	1	-504	-2797	2793
6/30/2015	11138	30	1215	411	9	-223	345	-148	0	-472	-2449	1314
7/31/2015	11169	31	749	424	21	-234	386	-95	1	-461	-1935	1145
8/31/2015	11200	31	1207	424	9	-231	374	-157	0	-444	-1938	756
9/30/2015	11230	30	378	411	9	-180	355	-126	1	-415	-1918	1486
10/31/2015	11261	31	686	424	9	-157	383	-152	0	-414	-2079	1298
11/30/2015	11291	30	569	411	9	-111	375	-145	0	-380	-2277	1549
12/31/2015	11322	31	423	424	9	-92	356	-137	0	-376	-2447	1839

Flow Budget for Aquifer B in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet					
			STORAGE	Mountain Front Recharge	Pumping from Wells	Piru A	Fillmore B	Piru C
1/31/1985	31	31	130	158	-474	2942	-2348	-407
2/28/1985	59	28	269	73	-670	2863	-2169	-366
3/31/1985	90	31	263	127	-560	2972	-2379	-423
4/30/1985	120	30	432	0	-1013	3297	-2313	-402
5/31/1985	151	31	544	0	-1017	3276	-2381	-422
6/30/1985	181	30	548	0	-1014	3191	-2316	-409
7/31/1985	212	31	355	0	-1457	3895	-2354	-439
8/31/1985	243	31	992	0	-1464	3259	-2349	-439
9/30/1985	273	30	-1448	0	-1464	5691	-2296	-482
10/31/1985	304	31	859	0	-1464	3500	-2406	-489
11/30/1985	334	30	-290	1526	-213	1896	-2364	-554
12/31/1985	365	31	784	54	-858	2840	-2399	-421
1/31/1986	396	31	-442	1229	-218	2267	-2283	-554
2/28/1986	424	28	-2084	3275	-113	1666	-2117	-628
3/31/1986	455	31	-1064	1714	-185	2444	-2317	-592
4/30/1986	485	30	235	75	-864	3309	-2239	-517
5/31/1986	516	31	426	0	-1207	3629	-2309	-538
6/30/1986	546	30	394	0	-1203	3586	-2243	-535
7/31/1986	577	31	-1239	0	-1162	5289	-2306	-583
8/31/1986	608	31	366	0	-1158	3759	-2386	-582
9/30/1986	638	30	624	90	-738	2920	-2339	-556
10/31/1986	669	31	912	0	-1147	3154	-2382	-537
11/30/1986	699	30	263	501	-322	2445	-2334	-554
12/31/1986	730	31	728	0	-1126	3267	-2357	-512
1/31/1987	761	31	203	281	-480	2848	-2339	-513
2/28/1987	789	28	347	125	-677	2755	-2119	-430
3/31/1987	820	31	106	312	-450	2817	-2297	-489
4/30/1987	850	30	645	0	-1289	3287	-2198	-445
5/31/1987	881	31	604	0	-1298	3412	-2251	-466
6/30/1987	911	30	-1835	0	-1303	5849	-2195	-516
7/31/1987	942	31	-462	0	-1671	5042	-2296	-613
8/31/1987	973	31	668	0	-1673	3930	-2321	-604
9/30/1987	1003	30	1206	0	-1670	3279	-2245	-570
10/31/1987	1034	31	569	352	-598	2581	-2320	-584
11/30/1987	1064	30	26	687	-410	2489	-2244	-549
12/31/1987	1095	31	-556	1093	-319	2645	-2302	-562
1/31/1988	1126	31	-358	825	-286	2653	-2228	-606
2/29/1988	1155	29	-161	584	-329	2557	-2091	-560
3/31/1988	1186	31	272	0	-1109	3563	-2185	-541
4/30/1988	1216	30	-492	858	-319	2703	-2136	-614
5/31/1988	1247	31	-1545	0	-1295	5639	-2191	-607

Flow Budget for Aquifer B in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet					
			STORAGE	Mountain Front Recharge	Pumping from Wells	Piru A	Fillmore B	Piru C
6/30/1988	1277	30	-87	0	-1305	4198	-2194	-612
7/31/1988	1308	31	752	0	-1619	3779	-2287	-626
8/31/1988	1339	31	892	0	-1615	3641	-2299	-618
9/30/1988	1369	30	1014	0	-1607	3421	-2232	-597
10/31/1988	1400	31	1000	0	-1604	3504	-2290	-610
11/30/1988	1430	30	545	113	-805	2965	-2216	-602
12/31/1988	1461	31	-1209	1451	-272	3041	-2260	-751
1/31/1989	1492	31	321	17	-886	3427	-2316	-563
2/28/1989	1520	28	-533	852	-277	2634	-2121	-555
3/31/1989	1551	31	266	73	-694	3168	-2308	-505
4/30/1989	1581	30	457	0	-1216	3468	-2241	-467
5/31/1989	1612	31	-747	0	-1224	4857	-2345	-541
6/30/1989	1642	30	901	0	-1220	3128	-2288	-520
7/31/1989	1673	31	903	0	-1260	3341	-2499	-486
8/31/1989	1704	31	1098	0	-1257	3117	-2488	-471
9/30/1989	1734	30	1144	0	-1254	2953	-2393	-450
10/31/1989	1765	31	993	0	-1255	3164	-2443	-460
11/30/1989	1795	30	793	0	-1192	3185	-2345	-442
12/31/1989	1826	31	894	0	-1260	3214	-2391	-457
1/31/1990	1857	31	-413	592	-309	2951	-2285	-536
2/28/1990	1885	28	-748	650	-333	2976	-2080	-464
3/31/1990	1916	31	584	0	-1167	3340	-2314	-443
4/30/1990	1946	30	-87	0	-1172	3959	-2271	-429
5/31/1990	1977	31	831	0	-1071	3019	-2335	-445
6/30/1990	2007	30	949	0	-1171	2933	-2272	-439
7/31/1990	2038	31	1349	0	-1442	2805	-2147	-564
8/31/1990	2069	31	1289	0	-1456	2896	-2131	-598
9/30/1990	2099	30	1296	0	-1467	2823	-2060	-593
10/31/1990	2130	31	1332	0	-1472	2857	-2103	-614
11/30/1990	2160	30	1117	0	-1471	2983	-2028	-600
12/31/1990	2191	31	1191	0	-1474	2969	-2067	-618
1/31/1991	2222	31	577	171	-776	2691	-2059	-604
2/28/1991	2250	28	-388	506	-476	2771	-1851	-562
3/31/1991	2281	31	-6698	4089	-125	5561	-2029	-798
4/30/1991	2311	30	615	0	-1523	3451	-1989	-554
5/31/1991	2342	31	152	0	-1531	3995	-2055	-561
6/30/1991	2372	30	841	0	-1532	3248	-2003	-555
7/31/1991	2403	31	1599	0	-1397	2424	-2098	-528
8/31/1991	2434	31	1836	0	-1399	2178	-2098	-516
9/30/1991	2464	30	1861	0	-1395	2071	-2035	-502

Flow Budget for Aquifer B in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet					
			STORAGE	Mountain Front Recharge	Pumping from Wells	Piru A	Fillmore B	Piru C
10/31/1991	2495	31	-3781	0	-1405	7948	-2162	-601
11/30/1991	2525	30	482	0	-1404	3659	-2147	-590
12/31/1991	2556	31	-1180	1416	-222	2862	-2184	-693
1/31/1992	2587	31	-1009	640	-317	3400	-2146	-568
2/29/1992	2616	29	-6621	3756	-122	5701	-2029	-684
3/31/1992	2647	31	-3260	2259	-160	3958	-2179	-618
4/30/1992	2677	30	-1438	0	-1227	5367	-2185	-517
5/31/1992	2708	31	-820	0	-1238	4920	-2319	-543
6/30/1992	2738	30	264	0	-1232	3816	-2315	-533
7/31/1992	2769	31	941	0	-1359	3491	-2530	-544
8/31/1992	2800	31	1126	0	-1351	3328	-2567	-536
9/30/1992	2830	30	61	0	-1344	4325	-2519	-524
10/31/1992	2861	31	-2952	316	-439	6375	-2610	-690
11/30/1992	2891	30	-1246	0	-1346	5815	-2597	-626
12/31/1992	2922	31	-481	1608	-237	2492	-2614	-769
1/31/1993	2953	31	-2235	4502	-126	1363	-2640	-863
2/28/1993	2981	28	-2751	2962	-146	3119	-2440	-745
3/31/1993	3012	31	-1646	1099	-274	4266	-2675	-770
4/30/1993	3042	30	-339	0	-1126	5040	-2859	-716
5/31/1993	3073	31	56	0	-1119	4745	-2992	-690
6/30/1993	3103	30	319	0	-953	4164	-2907	-623
7/31/1993	3134	31	573	0	-1088	3653	-2490	-648
8/31/1993	3165	31	548	0	-1084	3634	-2467	-632
9/30/1993	3195	30	70	0	-1079	3994	-2379	-606
10/31/1993	3226	31	-305	0	-1085	4463	-2446	-628
11/30/1993	3256	30	192	4	-803	3547	-2332	-607
12/31/1993	3287	31	357	230	-440	2879	-2380	-646
1/31/1994	3318	31	362	0	-983	3858	-2571	-666
2/28/1994	3346	28	-398	1642	-176	2022	-2338	-752
3/31/1994	3377	31	408	466	-313	2677	-2537	-702
4/30/1994	3407	30	746	0	-1004	3319	-2440	-621
5/31/1994	3438	31	541	0	-939	3529	-2507	-624
6/30/1994	3468	30	518	0	-1009	3517	-2416	-611
7/31/1994	3499	31	730	0	-1127	3567	-2629	-541
8/31/1994	3530	31	368	0	-1126	3915	-2632	-526
9/30/1994	3560	30	-605	0	-1129	4743	-2483	-527
10/31/1994	3591	31	-482	69	-528	4092	-2583	-568
11/30/1994	3621	30	89	34	-816	3787	-2550	-543
12/31/1994	3652	31	-33	92	-645	3832	-2669	-576
1/31/1995	3683	31	-2808	5915	-103	550	-2550	-1004

Flow Budget for Aquifer B in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet					
			STORAGE	Mountain Front Recharge	Pumping from Wells	Piru A	Fillmore B	Piru C
2/28/1995	3711	28	235	214	-431	2796	-2236	-579
3/31/1995	3742	31	-1721	2456	-135	2665	-2521	-744
4/30/1995	3772	30	258	17	-699	3477	-2461	-593
5/31/1995	3803	31	362	21	-669	3267	-2431	-550
6/30/1995	3833	30	363	0	-931	3587	-2479	-540
7/31/1995	3864	31	336	0	-1075	3719	-2460	-519
8/31/1995	3895	31	26	0	-1076	4093	-2511	-532
9/30/1995	3925	30	58	0	-1075	4003	-2460	-526
10/31/1995	3956	31	148	0	-1077	4024	-2544	-550
11/30/1995	3986	30	463	0	-1075	3622	-2479	-531
12/31/1995	4017	31	602	559	-325	2433	-2663	-606
1/31/1996	4048	31	828	75	-697	2964	-2636	-534
2/29/1996	4077	29	-819	2367	-141	1748	-2498	-656
3/31/1996	4108	31	-62	652	-309	2902	-2602	-582
4/30/1996	4138	30	160	11	-906	3753	-2504	-513
5/31/1996	4169	31	446	0	-1169	3815	-2576	-516
6/30/1996	4199	30	678	0	-1162	3489	-2506	-500
7/31/1996	4230	31	755	0	-1742	3975	-2409	-578
8/31/1996	4261	31	693	0	-1751	4051	-2406	-587
9/30/1996	4291	30	-215	0	-1758	4777	-2223	-582
10/31/1996	4322	31	-502	398	-493	3658	-2392	-670
11/30/1996	4352	30	-54	620	-435	2865	-2352	-644
12/31/1996	4383	31	-398	1940	-234	1910	-2501	-718
1/31/1997	4414	31	-615	2064	-128	1914	-2566	-669
2/28/1997	4442	28	466	0	-852	3180	-2317	-477
3/31/1997	4473	31	-41	0	-921	4031	-2557	-512
4/30/1997	4503	30	213	0	-916	3687	-2477	-506
5/31/1997	4534	31	492	0	-912	3492	-2554	-518
6/30/1997	4564	30	575	0	-908	3311	-2487	-491
7/31/1997	4595	31	607	0	-1324	3779	-2489	-573
8/31/1997	4626	31	-809	0	-1337	5178	-2408	-625
9/30/1997	4656	30	-231	0	-1337	4594	-2389	-636
10/31/1997	4687	31	-184	0	-1341	4675	-2478	-672
11/30/1997	4717	30	417	603	-371	2523	-2467	-704
12/31/1997	4748	31	-567	2265	-162	1795	-2556	-775
1/31/1998	4779	31	111	943	-265	2403	-2496	-695
2/28/1998	4807	28	-4119	6416	-100	1007	-2256	-948
3/31/1998	4838	31	-838	1428	-236	2905	-2478	-780
4/30/1998	4868	30	-497	419	-403	3589	-2416	-691
5/31/1998	4899	31	-467	1223	-220	2709	-2498	-747

Flow Budget for Aquifer B in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet					
			STORAGE	Mountain Front Recharge	Pumping from Wells	Piru A	Fillmore B	Piru C
6/30/1998	4929	30	845	0	-1143	3333	-2428	-607
7/31/1998	4960	31	1154	0	-1005	2868	-2502	-516
8/31/1998	4991	31	657	0	-1005	3501	-2628	-525
9/30/1998	5021	30	271	0	-1001	3726	-2487	-510
10/31/1998	5052	31	-37	0	-1004	4073	-2498	-534
11/30/1998	5082	30	-68	158	-468	3372	-2447	-547
12/31/1998	5113	31	-42	0	-872	3972	-2517	-541
1/31/1999	5144	31	192	490	-357	2969	-2671	-623
2/28/1999	5172	28	483	85	-722	3176	-2495	-527
3/31/1999	5203	31	160	491	-376	3054	-2718	-610
4/30/1999	5233	30	-156	422	-428	3364	-2615	-586
5/31/1999	5264	31	485	0	-1272	4043	-2690	-565
6/30/1999	5294	30	477	0	-1274	3951	-2614	-540
7/31/1999	5325	31	760	0	-1061	3423	-2508	-613
8/31/1999	5356	31	812	0	-1058	3359	-2504	-610
9/30/1999	5386	30	-468	0	-1067	4466	-2326	-605
10/31/1999	5417	31	-45	0	-1073	4217	-2443	-656
11/30/1999	5447	30	835	0	-866	3097	-2447	-618
12/31/1999	5478	31	930	0	-1067	3260	-2502	-620
1/31/2000	5509	31	456	439	-458	2748	-2608	-578
2/29/2000	5538	29	-936	2381	-171	1831	-2466	-640
3/31/2000	5569	31	-370	632	-419	3316	-2577	-581
4/30/2000	5599	30	36	501	-430	2913	-2486	-533
5/31/2000	5630	31	597	0	-1534	4018	-2582	-500
6/30/2000	5660	30	227	0	-1548	4352	-2544	-487
7/31/2000	5691	31	409	0	-1095	3709	-2476	-547
8/31/2000	5722	31	547	0	-1091	3549	-2457	-548
9/30/2000	5752	30	-1454	0	-1095	5474	-2343	-582
10/31/2000	5783	31	-864	110	-694	4575	-2460	-668
11/30/2000	5813	30	418	0	-1092	3708	-2414	-620
12/31/2000	5844	31	1068	0	-1091	3146	-2519	-605
1/31/2001	5875	31	-273	1688	-232	2030	-2496	-716
2/28/2001	5903	28	-867	2683	-168	1284	-2270	-662
3/31/2001	5934	31	-663	1140	-285	2901	-2456	-637
4/30/2001	5964	30	-273	329	-521	3410	-2373	-573
5/31/2001	5995	31	500	0	-1322	3838	-2472	-544
6/30/2001	6025	30	398	0	-1324	3874	-2431	-518
7/31/2001	6056	31	678	0	-1004	3387	-2582	-480
8/31/2001	6087	31	880	0	-997	3131	-2563	-452
9/30/2001	6117	30	-1392	0	-1000	5301	-2430	-478

Flow Budget for Aquifer B in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet					
			STORAGE	Mountain Front Recharge	Pumping from Wells	Piru A	Fillmore B	Piru C
10/31/2001	6148	31	-647	0	-1006	4733	-2543	-536
11/30/2001	6178	30	4	973	-253	2383	-2492	-616
12/31/2001	6209	31	901	214	-436	2450	-2596	-533
1/31/2002	6240	31	639	96	-480	2707	-2415	-548
2/28/2002	6268	28	565	0	-811	2920	-2169	-505
3/31/2002	6299	31	467	0	-824	3288	-2366	-565
4/30/2002	6329	30	428	0	-824	3229	-2279	-554
5/31/2002	6360	31	507	0	-829	3225	-2332	-571
6/30/2002	6390	30	560	0	-828	3067	-2249	-550
7/31/2002	6421	31	798	0	-1132	3259	-2371	-554
8/31/2002	6452	31	1057	0	-1130	2978	-2361	-545
9/30/2002	6482	30	-1766	0	-1136	5772	-2285	-586
10/31/2002	6513	31	1260	0	-1139	2882	-2402	-600
11/30/2002	6543	30	-50	1289	-224	1957	-2310	-661
12/31/2002	6574	31	-164	1102	-251	2282	-2357	-612
1/31/2003	6605	31	689	0	-1183	3323	-2275	-553
2/28/2003	6633	28	-1162	1805	-212	2251	-2061	-621
3/31/2003	6664	31	-370	909	-329	2651	-2249	-613
4/30/2003	6694	30	-122	203	-618	3276	-2184	-555
5/31/2003	6725	31	-147	264	-499	3199	-2239	-578
6/30/2003	6755	30	481	0	-1196	3428	-2181	-531
7/31/2003	6786	31	572	0	-1106	3370	-2308	-528
8/31/2003	6817	31	747	0	-1099	3194	-2314	-528
9/30/2003	6847	30	-1929	0	-1101	5863	-2257	-576
10/31/2003	6878	31	44	0	-1111	4068	-2375	-626
11/30/2003	6908	30	671	148	-576	2667	-2308	-602
12/31/2003	6939	31	257	516	-349	2540	-2345	-620
1/31/2004	6970	31	130	9	-744	3442	-2275	-561
2/29/2004	6999	29	-1172	1918	-190	2257	-2134	-679
3/31/2004	7030	31	124	0	-994	3744	-2274	-601
4/30/2004	7060	30	301	0	-992	3440	-2202	-548
5/31/2004	7091	31	477	0	-992	3347	-2271	-561
6/30/2004	7121	30	576	0	-984	3159	-2204	-547
7/31/2004	7152	31	765	0	-1131	3199	-2301	-533
8/31/2004	7183	31	956	0	-1124	2987	-2296	-524
9/30/2004	7213	30	1071	0	-1115	2769	-2221	-504
10/31/2004	7244	31	-3030	1960	-206	4328	-2319	-733
11/30/2004	7274	30	710	0	-1123	3230	-2259	-559
12/31/2004	7305	31	-1278	2110	-177	2353	-2328	-679
1/31/2005	7336	31	-4843	5156	-157	3039	-2296	-899

Flow Budget for Aquifer B in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet					
			STORAGE	Mountain Front Recharge	Pumping from Wells	Piru A	Fillmore B	Piru C
2/28/2005	7364	28	-3564	3153	-174	3504	-2132	-787
3/31/2005	7395	31	-1035	576	-368	4017	-2378	-812
4/30/2005	7425	30	198	13	-826	3700	-2339	-747
5/31/2005	7456	31	12	0	-1095	4220	-2425	-712
6/30/2005	7486	30	555	0	-1081	3465	-2285	-654
7/31/2005	7517	31	206	0	-988	3927	-2490	-654
8/31/2005	7548	31	860	0	-982	3217	-2471	-624
9/30/2005	7578	30	-137	0	-975	3960	-2257	-591
10/31/2005	7609	31	256	252	-409	2994	-2434	-658
11/30/2005	7639	30	785	0	-976	3233	-2453	-589
12/31/2005	7670	31	678	0	-965	3411	-2528	-596
1/31/2006	7701	31	-644	1280	-339	2992	-2578	-712
2/28/2006	7729	28	-555	1316	-297	2488	-2335	-617
3/31/2006	7760	31	-776	1203	-357	3139	-2548	-660
4/30/2006	7790	30	-1233	1467	-324	3223	-2479	-654
5/31/2006	7821	31	177	61	-1116	4017	-2534	-605
6/30/2006	7851	30	440	0	-1774	4359	-2459	-567
7/31/2006	7882	31	941	0	-989	3097	-2451	-599
8/31/2006	7913	31	499	0	-973	3247	-2211	-563
9/30/2006	7943	30	136	0	-971	3604	-2204	-565
10/31/2006	7974	31	112	0	-977	3756	-2292	-600
11/30/2006	8004	30	933	0	-976	2942	-2310	-588
12/31/2006	8035	31	865	1	-854	3020	-2437	-595
1/31/2007	8066	31	404	267	-468	2857	-2413	-648
2/28/2007	8094	28	278	192	-535	2805	-2167	-572
3/31/2007	8125	31	527	0	-1106	3518	-2355	-583
4/30/2007	8155	30	467	3	-848	3209	-2277	-553
5/31/2007	8186	31	579	0	-1106	3420	-2325	-569
6/30/2007	8216	30	642	0	-1103	3255	-2247	-547
7/31/2007	8247	31	799	0	-1233	3522	-2581	-507
8/31/2007	8278	31	-474	0	-1236	4761	-2533	-518
9/30/2007	8308	30	-723	0	-1101	4850	-2482	-543
10/31/2007	8339	31	-539	0	-1246	4952	-2575	-592
11/30/2007	8369	30	826	0	-1244	3525	-2542	-565
12/31/2007	8400	31	117	880	-274	2547	-2633	-638
1/31/2008	8431	31	-1775	3566	-118	1760	-2662	-770
2/29/2008	8460	29	-205	443	-344	3146	-2477	-564
3/31/2008	8491	31	33	0	-1150	4316	-2626	-572
4/30/2008	8521	30	286	0	-1149	3981	-2576	-543
5/31/2008	8552	31	442	0	-1150	3939	-2669	-562

Flow Budget for Aquifer B in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet					
			STORAGE	Mountain Front Recharge	Pumping from Wells	Piru A	Fillmore B	Piru C
6/30/2008	8582	30	516	0	-1146	3758	-2590	-538
7/31/2008	8613	31	572	0	-1275	3820	-2548	-569
8/31/2008	8644	31	561	0	-1277	3817	-2530	-571
9/30/2008	8674	30	-1644	0	-1281	5935	-2401	-609
10/31/2008	8705	31	-1060	0	-1287	5549	-2525	-676
11/30/2008	8735	30	378	547	-363	2685	-2541	-706
12/31/2008	8766	31	269	617	-358	2762	-2618	-671
1/31/2009	8797	31	560	0	-919	3469	-2528	-581
2/28/2009	8825	28	-1085	1670	-181	2585	-2326	-663
3/31/2009	8856	31	106	0	-932	3955	-2510	-619
4/30/2009	8886	30	259	0	-932	3658	-2433	-553
5/31/2009	8917	31	476	0	-929	3518	-2505	-561
6/30/2009	8947	30	576	0	-920	3314	-2435	-535
7/31/2009	8978	31	754	0	-1293	3648	-2563	-547
8/31/2009	9009	31	880	0	-1291	3509	-2561	-537
9/30/2009	9039	30	-802	0	-1289	5076	-2441	-544
10/31/2009	9070	31	-970	751	-363	3774	-2530	-662
11/30/2009	9100	30	664	0	-1294	3696	-2495	-571
12/31/2009	9131	31	-353	1314	-265	2568	-2599	-666
1/31/2010	9162	31	-951	2026	-182	2351	-2587	-657
2/28/2010	9190	28	-688	1312	-237	2534	-2357	-564
3/31/2010	9221	31	-86	0	-1150	4387	-2584	-566
4/30/2010	9251	30	-708	367	-411	3878	-2529	-597
5/31/2010	9282	31	125	0	-1143	4219	-2621	-579
6/30/2010	9312	30	563	0	-1134	3685	-2573	-542
7/31/2010	9343	31	758	0	-1406	3828	-2623	-557
8/31/2010	9374	31	860	0	-1403	3693	-2611	-540
9/30/2010	9404	30	-277	0	-1398	4684	-2486	-522
10/31/2010	9435	31	-1027	360	-495	4349	-2559	-629
11/30/2010	9465	30	344	133	-750	3341	-2508	-559
12/31/2010	9496	31	-976	3086	-168	1465	-2660	-746
1/31/2011	9527	31	824	0	-1023	3301	-2510	-592
2/28/2011	9555	28	-383	1069	-250	2463	-2304	-595
3/31/2011	9586	31	-1439	1880	-171	2969	-2513	-726
4/30/2011	9616	30	-406	0	-1078	4558	-2416	-658
5/31/2011	9647	31	221	13	-817	3720	-2503	-634
6/30/2011	9677	30	411	0	-1072	3723	-2460	-602
7/31/2011	9708	31	628	0	-1060	3544	-2536	-575
8/31/2011	9739	31	685	0	-1061	3452	-2531	-545
9/30/2011	9769	30	-579	0	-1062	4538	-2368	-529

Flow Budget for Aquifer B in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet					
			STORAGE	Mountain Front Recharge	Pumping from Wells	Piru A	Fillmore B	Piru C
10/31/2011	9800	31	-534	202	-426	3788	-2435	-595
11/30/2011	9830	30	465	328	-371	2619	-2467	-575
12/31/2011	9861	31	771	0	-1062	3356	-2530	-535
1/31/2012	9892	31	480	202	-458	2837	-2510	-551
2/29/2012	9921	29	664	0	-1156	3300	-2330	-478
3/31/2012	9952	31	-183	809	-273	2743	-2495	-600
4/30/2012	9982	30	-147	606	-295	2806	-2408	-562
5/31/2012	10013	31	526	0	-1161	3575	-2426	-513
6/30/2012	10043	30	534	0	-1160	3466	-2351	-489
7/31/2012	10074	31	644	0	-1086	3319	-2386	-490
8/31/2012	10105	31	774	0	-1085	3169	-2375	-483
9/30/2012	10135	30	-1307	0	-1086	5160	-2258	-509
10/31/2012	10166	31	-631	0	-1096	4666	-2365	-575
11/30/2012	10196	30	864	212	-576	2416	-2358	-558
12/31/2012	10227	31	554	460	-340	2303	-2422	-555
1/31/2013	10258	31	513	213	-437	2535	-2273	-552
2/28/2013	10286	28	627	0	-976	2850	-2022	-478
3/31/2013	10317	31	544	16	-744	2916	-2211	-522
4/30/2013	10347	30	570	0	-982	3039	-2118	-509
5/31/2013	10378	31	561	0	-984	3123	-2169	-531
6/30/2013	10408	30	702	0	-980	2884	-2088	-519
7/31/2013	10439	31	1043	0	-1069	2765	-2233	-506
8/31/2013	10470	31	1198	0	-1064	2583	-2220	-497
9/30/2013	10500	30	1182	0	-1058	2497	-2141	-480
10/31/2013	10531	31	1100	0	-1060	2638	-2187	-492
11/30/2013	10561	30	634	23	-775	2695	-2113	-464
12/31/2013	10592	31	591	0	-1064	3100	-2142	-484
1/31/2014	10623	31	761	0	-1309	3133	-2085	-500
2/28/2014	10651	28	-1002	979	-298	2784	-1912	-552
3/31/2014	10682	31	-435	419	-455	3090	-2083	-536
4/30/2014	10712	30	803	0	-1242	2880	-1986	-455
5/31/2014	10743	31	1142	0	-1312	2686	-2037	-479
6/30/2014	10773	30	1197	0	-1310	2553	-1968	-472
7/31/2014	10804	31	1290	0	-1199	2425	-2064	-451
8/31/2014	10835	31	1634	0	-1206	2059	-2046	-440
9/30/2014	10865	30	1846	0	-1212	1763	-1971	-426
10/31/2014	10896	31	1785	0	-1207	1869	-2011	-435
11/30/2014	10926	30	1043	0	-1046	2356	-1937	-415
12/31/2014	10957	31	-3282	1591	-221	4486	-1999	-575
1/31/2015	10988	31	-1308	241	-496	3902	-1826	-513

Flow Budget for Aquifer B in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet					
			STORAGE	Mountain Front Recharge	Pumping from Wells	Piru A	Fillmore B	Piru C
2/28/2015	11016	28	293	12	-843	2602	-1632	-432
3/31/2015	11047	31	417	3	-892	2744	-1792	-480
4/30/2015	11077	30	715	0	-1136	2639	-1729	-489
5/31/2015	11108	31	472	2	-977	2797	-1785	-509
6/30/2015	11138	30	922	0	-1137	2449	-1725	-509
7/31/2015	11169	31	1274	69	-864	1935	-1939	-476
8/31/2015	11200	31	1687	0	-1235	1938	-1924	-466
9/30/2015	11230	30	1345	11	-957	1918	-1869	-448
10/31/2015	11261	31	1541	0	-1240	2079	-1909	-470
11/30/2015	11291	30	1268	0	-1246	2277	-1840	-460
12/31/2015	11322	31	1159	0	-1258	2447	-1876	-471

Flow Budget for Aquifer C in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet			
			STORAGE	Pumping From Wells	Piru B	Fillmore C
1/31/1985	31	31	-4	1	407	-405
2/28/1985	59	28	44	-38	366	-371
3/31/1985	90	31	6	-13	423	-416
4/30/1985	120	30	80	-73	402	-409
5/31/1985	151	31	74	-71	422	-426
6/30/1985	181	30	79	-75	409	-413
7/31/1985	212	31	91	-107	439	-423
8/31/1985	243	31	90	-108	439	-422
9/30/1985	273	30	32	-102	482	-412
10/31/1985	304	31	45	-101	489	-433
11/30/1985	334	30	-171	33	554	-416
12/31/1985	365	31	54	-44	421	-430
1/31/1986	396	31	-86	23	554	-491
2/28/1986	424	28	-227	44	628	-445
3/31/1986	455	31	-149	47	592	-489
4/30/1986	485	30	25	-52	517	-489
5/31/1986	516	31	86	-106	538	-518
6/30/1986	546	30	84	-109	535	-511
7/31/1986	577	31	19	-118	583	-484
8/31/1986	608	31	28	-121	582	-489
9/30/1986	638	30	-21	-62	556	-473
10/31/1986	669	31	84	-132	537	-489
11/30/1986	699	30	-93	10	554	-471
12/31/1986	730	31	112	-138	512	-486
1/31/1987	761	31	-42	-8	513	-462
2/28/1987	789	28	44	-59	430	-415
3/31/1987	820	31	-25	-8	489	-456
4/30/1987	850	30	133	-136	445	-443
5/31/1987	881	31	119	-127	466	-458
6/30/1987	911	30	51	-121	516	-446
7/31/1987	942	31	49	-192	613	-471
8/31/1987	973	31	62	-193	604	-473
9/30/1987	1003	30	85	-198	570	-457
10/31/1987	1034	31	-94	-24	584	-466
11/30/1987	1064	30	-96	-3	549	-450
12/31/1987	1095	31	-107	9	562	-464
1/31/1988	1126	31	-55	37	606	-588
2/29/1988	1155	29	-25	30	560	-565
3/31/1988	1186	31	82	-25	541	-598
4/30/1988	1216	30	-74	41	614	-582
5/31/1988	1247	31	39	-37	607	-609
6/30/1988	1277	30	26	-31	612	-607
7/31/1988	1308	31	83	-79	626	-629
8/31/1988	1339	31	92	-82	618	-628
9/30/1988	1369	30	102	-87	597	-611
10/31/1988	1400	31	102	-87	610	-626
11/30/1988	1430	30	13	-11	602	-604
12/31/1988	1461	31	-183	46	751	-614
1/31/1989	1492	31	-16	-8	563	-538
2/28/1989	1520	28	-107	39	555	-487
3/31/1989	1551	31	29	1	505	-534
4/30/1989	1581	30	100	-46	467	-521
5/31/1989	1612	31	39	-37	541	-543

Flow Budget for Aquifer C in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet			
			STORAGE	Pumping From Wells	Piru B	Fillmore C
6/30/1989	1642	30	50	-42	520	-529
7/31/1989	1673	31	54	-44	486	-495
8/31/1989	1704	31	67	-47	471	-490
9/30/1989	1734	30	72	-51	450	-471
10/31/1989	1765	31	71	-50	460	-481
11/30/1989	1795	30	66	-44	442	-463
12/31/1989	1826	31	68	-49	457	-476
1/31/1990	1857	31	-101	26	536	-461
2/28/1990	1885	28	-66	15	464	-412
3/31/1990	1916	31	84	-68	443	-459
4/30/1990	1946	30	79	-62	429	-446
5/31/1990	1977	31	60	-45	445	-460
6/30/1990	2007	30	71	-64	439	-446
7/31/1990	2038	31	133	-174	564	-524
8/31/1990	2069	31	93	-168	598	-522
9/30/1990	2099	30	81	-169	593	-506
10/31/1990	2130	31	69	-165	614	-518
11/30/1990	2160	30	67	-166	600	-501
12/31/1990	2191	31	57	-163	618	-513
1/31/1991	2222	31	-50	-50	604	-504
2/28/1991	2250	28	-90	-17	562	-454
3/31/1991	2281	31	-375	54	798	-478
4/30/1991	2311	30	112	-194	554	-472
5/31/1991	2342	31	114	-173	561	-502
6/30/1991	2372	30	104	-163	555	-496
7/31/1991	2403	31	41	-100	528	-470
8/31/1991	2434	31	54	-105	516	-466
9/30/1991	2464	30	57	-109	502	-450
10/31/1991	2495	31	-30	-97	601	-474
11/30/1991	2525	30	-23	-98	590	-470
12/31/1991	2556	31	-260	42	693	-475
1/31/1992	2587	31	-137	30	568	-461
2/29/1992	2616	29	-326	64	684	-422
3/31/1992	2647	31	-233	64	618	-448
4/30/1992	2677	30	-13	-43	517	-461
5/31/1992	2708	31	-4	-39	543	-500
6/30/1992	2738	30	10	-46	533	-497
7/31/1992	2769	31	35	-59	544	-519
8/31/1992	2800	31	49	-64	536	-521
9/30/1992	2830	30	50	-68	524	-505
10/31/1992	2861	31	-190	35	690	-535
11/30/1992	2891	30	-41	-57	626	-528
12/31/1992	2922	31	-286	63	769	-546
1/31/1993	2953	31	-403	77	863	-537
2/28/1993	2981	28	-340	75	745	-480
3/31/1993	3012	31	-316	87	770	-541
4/30/1993	3042	30	-166	1	716	-551
5/31/1993	3073	31	-102	-2	690	-586
6/30/1993	3103	30	-40	-5	623	-578
7/31/1993	3134	31	9	-67	648	-589
8/31/1993	3165	31	26	-72	632	-586
9/30/1993	3195	30	35	-77	606	-564
10/31/1993	3226	31	25	-72	628	-581

Flow Budget for Aquifer C in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet			
			STORAGE	Pumping From Wells	Piru B	Fillmore C
11/30/1993	3256	30	-8	-38	607	-560
12/31/1993	3287	31	-85	18	646	-579
1/31/1994	3318	31	73	-60	666	-679
2/28/1994	3346	28	-179	53	752	-626
3/31/1994	3377	31	-52	32	702	-682
4/30/1994	3407	30	108	-67	621	-662
5/31/1994	3438	31	98	-45	624	-677
6/30/1994	3468	30	109	-64	611	-655
7/31/1994	3499	31	84	-58	541	-567
8/31/1994	3530	31	97	-62	526	-560
9/30/1994	3560	30	71	-62	527	-536
10/31/1994	3591	31	-25	10	568	-553
11/30/1994	3621	30	18	-23	543	-538
12/31/1994	3652	31	-18	-2	576	-557
1/31/1995	3683	31	-476	75	1004	-603
2/28/1995	3711	28	-76	34	579	-537
3/31/1995	3742	31	-213	68	744	-599
4/30/1995	3772	30	-17	21	593	-597
5/31/1995	3803	31	47	16	550	-613
6/30/1995	3833	30	65	-1	540	-604
7/31/1995	3864	31	74	-34	519	-560
8/31/1995	3895	31	60	-33	532	-559
9/30/1995	3925	30	50	-34	526	-542
10/31/1995	3956	31	43	-31	550	-561
11/30/1995	3986	30	46	-34	531	-543
12/31/1995	4017	31	-75	37	606	-569
1/31/1996	4048	31	46	-9	534	-572
2/29/1996	4077	29	-177	49	656	-529
3/31/1996	4108	31	-56	40	582	-566
4/30/1996	4138	30	51	-14	513	-551
5/31/1996	4169	31	92	-37	516	-571
6/30/1996	4199	30	96	-45	500	-552
7/31/1996	4230	31	163	-123	578	-619
8/31/1996	4261	31	153	-121	587	-618
9/30/1996	4291	30	133	-122	582	-592
10/31/1996	4322	31	-76	16	670	-610
11/30/1996	4352	30	-69	19	644	-593
12/31/1996	4383	31	-145	41	718	-614
1/31/1997	4414	31	-170	56	669	-554
2/28/1997	4442	28	45	-23	477	-499
3/31/1997	4473	31	61	-16	512	-557
4/30/1997	4503	30	53	-19	506	-541
5/31/1997	4534	31	66	-25	518	-559
6/30/1997	4564	30	83	-33	491	-540
7/31/1997	4595	31	144	-75	573	-641
8/31/1997	4626	31	83	-66	625	-642
9/30/1997	4656	30	60	-66	636	-631
10/31/1997	4687	31	42	-62	672	-653
11/30/1997	4717	30	-106	33	704	-631
12/31/1997	4748	31	-184	55	775	-645
1/31/1998	4779	31	-78	49	695	-667
2/28/1998	4807	28	-412	70	948	-606
3/31/1998	4838	31	-203	77	780	-655

Flow Budget for Aquifer C in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet			
			STORAGE	Pumping From Wells	Piru B	Fillmore C
4/30/1998	4868	30	-95	54	691	-651
5/31/1998	4899	31	-124	60	747	-683
6/30/1998	4929	30	68	-13	607	-662
7/31/1998	4960	31	101	-30	516	-586
8/31/1998	4991	31	93	-28	525	-589
9/30/1998	5021	30	89	-34	510	-566
10/31/1998	5052	31	73	-33	534	-574
11/30/1998	5082	30	-7	19	547	-559
12/31/1998	5113	31	59	-23	541	-578
1/31/1999	5144	31	-79	29	623	-573
2/28/1999	5172	28	28	-33	527	-522
3/31/1999	5203	31	-56	24	610	-579
4/30/1999	5233	30	-46	21	586	-561
5/31/1999	5264	31	89	-78	565	-576
6/30/1999	5294	30	90	-77	540	-552
7/31/1999	5325	31	112	-56	613	-669
8/31/1999	5356	31	123	-61	610	-672
9/30/1999	5386	30	102	-61	605	-646
10/31/1999	5417	31	67	-55	656	-667
11/30/1999	5447	30	76	-40	618	-654
12/31/1999	5478	31	110	-61	620	-670
1/31/2000	5509	31	-37	21	578	-563
2/29/2000	5538	29	-166	42	640	-516
3/31/2000	5569	31	-65	32	581	-548
4/30/2000	5599	30	-27	25	533	-531
5/31/2000	5630	31	126	-75	500	-550
6/30/2000	5660	30	112	-65	487	-534
7/31/2000	5691	31	96	-21	547	-622
8/31/2000	5722	31	102	-26	548	-624
9/30/2000	5752	30	47	-23	582	-606
10/31/2000	5783	31	-56	18	668	-630
11/30/2000	5813	30	18	-22	620	-615
12/31/2000	5844	31	54	-23	605	-636
1/31/2001	5875	31	-179	88	716	-625
2/28/2001	5903	28	-181	79	662	-560
3/31/2001	5934	31	-114	87	637	-610
4/30/2001	5964	30	-39	62	573	-596
5/31/2001	5995	31	76	1	544	-621
6/30/2001	6025	30	89	0	518	-607
7/31/2001	6056	31	62	23	480	-565
8/31/2001	6087	31	92	14	452	-558
9/30/2001	6117	30	42	16	478	-536
10/31/2001	6148	31	0	24	536	-560
11/30/2001	6178	30	-143	72	616	-545
12/31/2001	6209	31	-25	55	533	-564
1/31/2002	6240	31	87	16	548	-651
2/28/2002	6268	28	143	-52	505	-597
3/31/2002	6299	31	123	-39	565	-649
4/30/2002	6329	30	115	-42	554	-628
5/31/2002	6360	31	113	-41	571	-643
6/30/2002	6390	30	118	-46	550	-622
7/31/2002	6421	31	79	-24	554	-609
8/31/2002	6452	31	87	-26	545	-605

Flow Budget for Aquifer C in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet			
			STORAGE	Pumping From Wells	Piru B	Fillmore C
9/30/2002	6482	30	23	-20	586	-588
10/31/2002	6513	31	28	-17	600	-611
11/30/2002	6543	30	-147	75	661	-588
12/31/2002	6574	31	-78	67	612	-601
1/31/2003	6605	31	118	-41	553	-630
2/28/2003	6633	28	-126	82	621	-576
3/31/2003	6664	31	-57	72	613	-628
4/30/2003	6694	30	15	42	555	-611
5/31/2003	6725	31	-6	57	578	-629
6/30/2003	6755	30	119	-36	531	-614
7/31/2003	6786	31	104	-50	528	-582
8/31/2003	6817	31	105	-55	528	-578
9/30/2003	6847	30	38	-50	576	-564
10/31/2003	6878	31	6	-42	626	-590
11/30/2003	6908	30	-53	22	602	-571
12/31/2003	6939	31	-92	57	620	-585
1/31/2004	6970	31	42	22	561	-625
2/29/2004	6999	29	-180	90	679	-589
3/31/2004	7030	31	23	0	601	-624
4/30/2004	7060	30	64	-4	548	-608
5/31/2004	7091	31	68	-3	561	-626
6/30/2004	7121	30	71	-9	547	-608
7/31/2004	7152	31	81	-45	533	-569
8/31/2004	7183	31	90	-50	524	-564
9/30/2004	7213	30	94	-55	504	-543
10/31/2004	7244	31	-253	84	733	-564
11/30/2004	7274	30	37	-49	559	-547
12/31/2004	7305	31	-203	85	679	-561
1/31/2005	7336	31	-431	117	899	-584
2/28/2005	7364	28	-362	107	787	-532
3/31/2005	7395	31	-294	89	812	-606
4/30/2005	7425	30	-117	-19	747	-611
5/31/2005	7456	31	-7	-61	712	-644
6/30/2005	7486	30	34	-62	654	-626
7/31/2005	7517	31	-24	-2	654	-629
8/31/2005	7548	31	13	-8	624	-629
9/30/2005	7578	30	19	-17	591	-594
10/31/2005	7609	31	-98	63	658	-623
11/30/2005	7639	30	38	-13	589	-613
12/31/2005	7670	31	44	-7	596	-633
1/31/2006	7701	31	-173	65	712	-604
2/28/2006	7729	28	-126	54	617	-545
3/31/2006	7760	31	-116	59	660	-604
4/30/2006	7790	30	-128	60	654	-585
5/31/2006	7821	31	71	-79	605	-597
6/30/2006	7851	30	115	-109	567	-573
7/31/2006	7882	31	82	-8	599	-672
8/31/2006	7913	31	115	-27	563	-651
9/30/2006	7943	30	98	-27	565	-636
10/31/2006	7974	31	78	-21	600	-657
11/30/2006	8004	30	77	-21	588	-644
12/31/2006	8035	31	66	6	595	-667
1/31/2007	8066	31	-18	27	648	-657

Flow Budget for Aquifer C in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet			
			STORAGE	Pumping From Wells	Piru B	Fillmore C
2/28/2007	8094	28	14	10	572	-596
3/31/2007	8125	31	121	-56	583	-649
4/30/2007	8155	30	96	-22	553	-626
5/31/2007	8186	31	128	-56	569	-641
6/30/2007	8216	30	132	-59	547	-620
7/31/2007	8247	31	120	-69	507	-558
8/31/2007	8278	31	98	-67	518	-548
9/30/2007	8308	30	31	-43	543	-532
10/31/2007	8339	31	19	-58	592	-553
11/30/2007	8369	30	33	-60	565	-538
12/31/2007	8400	31	-128	47	638	-556
1/31/2008	8431	31	-284	63	770	-548
2/29/2008	8460	29	-85	30	564	-509
3/31/2008	8491	31	32	-60	572	-544
4/30/2008	8521	30	49	-60	543	-531
5/31/2008	8552	31	50	-59	562	-552
6/30/2008	8582	30	60	-63	538	-535
7/31/2008	8613	31	94	-64	569	-599
8/31/2008	8644	31	92	-64	571	-600
9/30/2008	8674	30	33	-61	609	-580
10/31/2008	8705	31	-16	-53	676	-607
11/30/2008	8735	30	-160	49	706	-595
12/31/2008	8766	31	-101	44	671	-614
1/31/2009	8797	31	30	15	581	-626
2/28/2009	8825	28	-185	93	663	-571
3/31/2009	8856	31	-15	21	619	-625
4/30/2009	8886	30	38	16	553	-608
5/31/2009	8917	31	54	13	561	-628
6/30/2009	8947	30	68	5	535	-608
7/31/2009	8978	31	113	-61	547	-599
8/31/2009	9009	31	119	-62	537	-594
9/30/2009	9039	30	89	-62	544	-571
10/31/2009	9070	31	-138	69	662	-592
11/30/2009	9100	30	64	-60	571	-576
12/31/2009	9131	31	-150	81	666	-597
1/31/2010	9162	31	-176	86	657	-567
2/28/2010	9190	28	-127	73	564	-511
3/31/2010	9221	31	6	-6	566	-566
4/30/2010	9251	30	-124	80	597	-554
5/31/2010	9282	31	1	-5	579	-576
6/30/2010	9312	30	35	-16	542	-560
7/31/2010	9343	31	84	-37	557	-604
8/31/2010	9374	31	106	-42	540	-604
9/30/2010	9404	30	104	-46	522	-580
10/31/2010	9435	31	-84	55	629	-600
11/30/2010	9465	30	1	22	559	-581
12/31/2010	9496	31	-233	87	746	-601
1/31/2011	9527	31	59	-26	592	-625
2/28/2011	9555	28	-73	53	595	-576
3/31/2011	9586	31	-166	74	726	-634
4/30/2011	9616	30	-25	-18	658	-615
5/31/2011	9647	31	-5	10	634	-640
6/30/2011	9677	30	43	-21	602	-624

Flow Budget for Aquifer C in Piru Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet			
			STORAGE	Pumping From Wells	Piru B	Fillmore C
7/31/2011	9708	31	51	-38	575	-588
8/31/2011	9739	31	79	-43	545	-582
9/30/2011	9769	30	72	-48	529	-554
10/31/2011	9800	31	-52	28	595	-571
11/30/2011	9830	30	-40	27	575	-561
12/31/2011	9861	31	88	-45	535	-577
1/31/2012	9892	31	15	22	551	-588
2/29/2012	9921	29	122	-54	478	-545
3/31/2012	9952	31	-60	44	600	-584
4/30/2012	9982	30	-34	36	562	-564
5/31/2012	10013	31	113	-50	513	-576
6/30/2012	10043	30	116	-50	489	-556
7/31/2012	10074	31	116	-45	490	-561
8/31/2012	10105	31	122	-47	483	-557
9/30/2012	10135	30	72	-44	509	-537
10/31/2012	10166	31	22	-36	575	-561
11/30/2012	10196	30	-27	14	558	-545
12/31/2012	10227	31	-26	31	555	-560
1/31/2013	10258	31	34	48	552	-634
2/28/2013	10286	28	111	-11	478	-578
3/31/2013	10317	31	84	25	522	-631
4/30/2013	10347	30	104	-4	509	-609
5/31/2013	10378	31	94	-1	531	-624
6/30/2013	10408	30	90	-5	519	-604
7/31/2013	10439	31	95	-31	506	-571
8/31/2013	10470	31	99	-32	497	-565
9/30/2013	10500	30	98	-35	480	-543
10/31/2013	10531	31	97	-33	492	-556
11/30/2013	10561	30	72	-1	464	-536
12/31/2013	10592	31	94	-32	484	-547
1/31/2014	10623	31	82	-25	500	-558
2/28/2014	10651	28	-114	68	552	-506
3/31/2014	10682	31	-43	58	536	-552
4/30/2014	10712	30	107	-29	455	-533
5/31/2014	10743	31	95	-24	479	-549
6/30/2014	10773	30	87	-28	472	-531
7/31/2014	10804	31	66	-21	451	-496
8/31/2014	10835	31	74	-25	440	-489
9/30/2014	10865	30	74	-30	426	-470
10/31/2014	10896	31	75	-28	435	-482
11/30/2014	10926	30	62	-16	415	-462
12/31/2014	10957	31	-181	76	575	-470
1/31/2015	10988	31	-18	49	513	-544
2/28/2015	11016	28	65	5	432	-503
3/31/2015	11047	31	61	10	480	-551
4/30/2015	11077	30	67	-21	489	-535
5/31/2015	11108	31	39	4	509	-551
6/30/2015	11138	30	47	-21	509	-535
7/31/2015	11169	31	28	-31	476	-472
8/31/2015	11200	31	85	-82	466	-469
9/30/2015	11230	30	41	-35	448	-454
10/31/2015	11261	31	80	-83	470	-467
11/30/2015	11291	30	74	-84	460	-450

Flow Budget for Aquifer C in Piru Basin						
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet			
			STORAGE	Pumping From Wells	Piru B	Fillmore C
12/31/2015	11322	31	71	-79	471	-462

Flow Budget for Aquifer A in Fillmore Basin												
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet									
			STORAGE	Mountain Front Recharge	ET	RECHARGE	Pumping from Wells	Outside	Piru A	Santa Paula	Fillmore B	Net Stream Percolation
1/31/1985	31	31	225	52	-297	1358	-217	15	1005	-285	1357	-3609
2/28/1985	59	28	505	40	-294	1276	-275	18	886	-255	921	-3207
3/31/1985	90	31	496	47	-458	1288	-303	18	990	-280	1120	-3358
4/30/1985	120	30	1813	23	-517	1353	-643	14	937	-273	-100	-3041
5/31/1985	151	31	1696	23	-569	1359	-644	11	953	-284	-135	-2863
6/30/1985	181	30	1678	23	-531	1353	-645	9	895	-276	-290	-2652
7/31/1985	212	31	2098	23	-541	1534	-874	6	874	-283	-848	-2434
8/31/1985	243	31	1883	23	-512	1534	-870	5	842	-283	-930	-2127
9/30/1985	273	30	825	23	-384	1528	-865	2	778	-273	-1092	-951
10/31/1985	304	31	1446	23	-349	1534	-863	0	859	-286	-1161	-1613
11/30/1985	334	30	-2686	335	-256	2841	-95	-13	854	-281	649	-1784
12/31/1985	365	31	497	30	-222	1378	-560	-3	881	-295	-108	-1982
1/31/1986	396	31	-2703	291	-257	2784	-67	-8	892	-296	846	-1894
2/28/1986	424	28	-5291	611	-297	4902	-17	-43	862	-272	142	-1056
3/31/1986	455	31	-2465	320	-483	2961	-58	-41	1016	-298	850	-2225
4/30/1986	485	30	895	38	-555	1283	-344	-8	975	-289	481	-2821
5/31/1986	516	31	2266	23	-619	1382	-687	2	997	-293	-602	-2804
6/30/1986	546	30	2239	23	-554	1376	-686	9	950	-281	-720	-2664
7/31/1986	577	31	1246	23	-530	1389	-692	13	880	-282	-656	-1694
8/31/1986	608	31	1744	23	-531	1389	-687	9	978	-284	-691	-2202
9/30/1986	638	30	631	26	-413	1280	-443	3	972	-278	-17	-1972
10/31/1986	669	31	1310	23	-360	1389	-684	2	979	-290	-729	-1848
11/30/1986	699	30	-957	96	-259	1522	-178	0	960	-281	730	-1830
12/31/1986	730	31	1271	23	-218	1389	-683	4	957	-292	-756	-1886
1/31/1987	761	31	-450	75	-246	1368	-256	1	971	-290	515	-1875
2/28/1987	789	28	146	42	-247	1253	-341	1	844	-262	156	-1754
3/31/1987	820	31	-764	116	-391	1618	-195	1	922	-289	665	-1862
4/30/1987	850	30	2073	23	-444	1445	-797	4	849	-279	-1372	-1661
5/31/1987	881	31	1911	23	-507	1451	-797	3	840	-285	-1447	-1348
6/30/1987	911	30	803	23	-469	1445	-795	-1	763	-272	-1574	-69
7/31/1987	942	31	1560	23	-495	1513	-877	-4	817	-274	-1851	-558
8/31/1987	973	31	1972	23	-482	1513	-876	-5	856	-277	-1807	-1061
9/30/1987	1003	30	1928	23	-368	1507	-874	-5	796	-272	-1902	-966
10/31/1987	1034	31	-632	78	-327	1373	-300	-7	831	-285	127	-998
11/30/1987	1064	30	-989	93	-241	1489	-254	-7	797	-279	247	-988
12/31/1987	1095	31	-2467	228	-211	2555	-105	-11	836	-291	436	-1172
1/31/1988	1126	31	-1943	205	-250	2280	-110	-14	822	-291	459	-1320
2/29/1988	1155	29	-1467	196	-261	2043	-140	-11	762	-271	217	-1207
3/31/1988	1186	31	599	34	-399	1364	-472	-5	816	-287	-719	-1055
4/30/1988	1216	30	-1444	206	-452	2374	-109	-5	768	-274	285	-1524
5/31/1988	1247	31	1525	23	-502	1485	-686	-2	797	-276	-1490	-994
6/30/1988	1277	30	1813	23	-493	1479	-682	-5	821	-260	-1706	-1102
7/31/1988	1308	31	2334	23	-510	1662	-834	-5	838	-272	-2138	-1210
8/31/1988	1339	31	2220	23	-473	1662	-833	-6	812	-278	-2202	-1038
9/30/1988	1369	30	2072	23	-359	1656	-831	-6	751	-273	-2306	-832
10/31/1988	1400	31	1836	23	-302	1662	-830	-6	747	-285	-2331	-621
11/30/1988	1430	30	-301	42	-217	1421	-376	-8	716	-277	-612	-492
12/31/1988	1461	31	-2788	243	-197	2735	-95	-16	737	-289	95	-603
1/31/1989	1492	31	697	23	-229	1225	-487	-11	764	-286	-874	-929
2/28/1989	1520	28	-2118	166	-230	2156	-89	-12	664	-256	123	-529
3/31/1989	1551	31	130	30	-364	1238	-340	-11	763	-280	-313	-956
4/30/1989	1581	30	1267	23	-410	1325	-565	-5	716	-266	-1324	-857
5/31/1989	1612	31	611	23	-458	1331	-565	0	752	-268	-1303	-222
6/30/1989	1642	30	1176	23	-456	1325	-563	-4	740	-259	-1391	-685
7/31/1989	1673	31	1823	23	-461	1599	-697	-4	713	-274	-2027	-791
8/31/1989	1704	31	1843	23	-430	1599	-696	-5	708	-278	-1989	-871
9/30/1989	1734	30	1807	23	-327	1593	-694	-5	659	-271	-2041	-833
10/31/1989	1765	31	1176	23	-284	1478	-569	-5	661	-282	-1446	-843
11/30/1989	1795	30	1737	23	-198	1585	-682	-4	605	-275	-2062	-816
12/31/1989	1826	31	1739	23	-159	1599	-691	-4	601	-285	-2096	-817
1/31/1990	1857	31	-1836	207	-191	2174	-133	-10	629	-285	-113	-572
2/28/1990	1885	28	-1526	162	-206	1907	-153	-11	553	-258	-209	-371
3/31/1990	1916	31	1658	23	-316	1452	-685	-3	607	-279	-2002	-546
4/30/1990	1946	30	1915	23	-333	1445	-685	0	580	-265	-2068	-698
5/31/1990	1977	31	1596	23	-373	1364	-589	0	587	-273	-1638	-785
6/30/1990	2007	30	1889	23	-345	1446	-683	0	549	-263	-2018	-682
7/31/1990	2038	31	1839	23	-340	1424	-759	-2	551	-276	-1920	-626
8/31/1990	2069	31	1784	23	-310	1424	-755	-4	532	-281	-1927	-572
9/30/1990	2099	30	1765	23	-232	1418	-750	-4	490	-274	-1998	-519
10/31/1990	2130	31	1705	23	-196	1424	-749	-4	483	-285	-1991	-494
11/30/1990	2160	30	1710	23	-135	1418	-745	-4	443	-277	-2067	-445
12/31/1990	2191	31	1674	23	-110	1424	-744	-3	437	-287	-2063	-433
1/31/1991	2222	31	107	44	-128	1332	-339	-3	425	-286	-903	-335
2/28/1991	2250	28	-1468	182	-140	2080	-148	-7	364	-258	-531	-181

Flow Budget for Aquifer A in Fillmore Basin												
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet									
			STORAGE	Mountain Front Recharge	ET	RECHARGE	Pumping from Wells	Outside	Piru A	Santa Paula	Fillmore B	Net Stream Percolation
3/31/1991	2281	31	-8118	835	-266	6648	-14	-60	433	-292	-1914	2299
4/30/1991	2311	30	1378	23	-332	1495	-703	-27	419	-275	-2850	750
5/31/1991	2342	31	1512	23	-346	1501	-704	1	434	-276	-2669	431
6/30/1991	2372	30	1734	23	-313	1495	-702	2	413	-263	-2580	105
7/31/1991	2403	31	1968	23	-305	1477	-722	2	417	-272	-2350	-326
8/31/1991	2434	31	1958	23	-280	1477	-720	1	410	-272	-2225	-458
9/30/1991	2464	30	1914	23	-210	1471	-719	0	381	-263	-2268	-412
10/31/1991	2495	31	-1267	23	-184	1468	-711	-5	503	-271	-2466	2824
11/30/1991	2525	30	1201	23	-143	1471	-710	-8	529	-262	-2444	264
12/31/1991	2556	31	-2670	276	-123	2766	-74	-16	509	-275	-427	-128
1/31/1992	2587	31	-1950	116	-155	1617	-119	-15	512	-275	-243	415
2/29/1992	2616	29	-8714	744	-204	6023	0	-53	494	-264	-1754	3305
3/31/1992	2647	31	-5622	449	-385	4037	-15	-66	583	-283	-804	1787
4/30/1992	2677	30	675	23	-437	1320	-536	-19	591	-253	-2058	596
5/31/1992	2708	31	768	23	-476	1326	-535	2	664	-245	-1886	265
6/30/1992	2738	30	892	23	-437	1320	-533	1	677	-234	-1812	11
7/31/1992	2769	31	1436	23	-426	1561	-724	-1	720	-259	-2437	14
8/31/1992	2800	31	1572	23	-386	1561	-724	6	742	-272	-2376	-237
9/30/1992	2830	30	658	23	-284	1555	-723	7	723	-267	-2422	645
10/31/1992	2861	31	-3936	134	-307	1625	-179	-5	833	-274	-307	2323
11/30/1992	2891	30	-367	23	-217	1555	-712	-5	819	-264	-2521	1607
12/31/1992	2922	31	-3976	333	-194	2978	-48	-21	930	-274	-241	307
1/31/1993	2953	31	-8790	851	-256	6238	13	-81	1021	-278	-1451	2294
2/28/1993	2981	28	-7341	659	-292	5180	-3	-90	1017	-255	-1308	2044
3/31/1993	3012	31	-3030	266	-478	2620	-66	-45	1194	-277	-73	-353
4/30/1993	3042	30	2075	23	-543	1573	-663	-5	1187	-254	-2165	-1332
5/31/1993	3073	31	2150	23	-548	1579	-671	6	1241	-250	-1968	-1665
6/30/1993	3103	30	1043	23	-566	1386	-543	12	1278	-240	-1180	-1310
7/31/1993	3134	31	1334	23	-543	1006	-711	6	1458	-257	-1064	-1349
8/31/1993	3165	31	1160	23	-517	1006	-707	2	1489	-262	-1005	-1283
9/30/1993	3195	30	1030	23	-415	1000	-705	-1	1455	-257	-1091	-1129
10/31/1993	3226	31	825	23	-363	1006	-702	1	1504	-269	-1062	-1053
11/30/1993	3256	30	-348	32	-259	852	-428	-1	1459	-263	-31	-1097
12/31/1993	3287	31	-1288	59	-228	896	-235	-4	1542	-273	739	-1298
1/31/1994	3318	31	260	23	-268	1266	-580	-3	1436	-264	-766	-1189
2/28/1994	3346	28	-3903	371	-279	3418	-36	-12	1305	-243	153	-1004
3/31/1994	3377	31	-1437	121	-451	1722	-129	-8	1484	-271	673	-1808
4/30/1994	3407	30	1284	23	-515	1287	-626	3	1378	-252	-964	-1702
5/31/1994	3438	31	636	23	-594	1199	-511	5	1387	-253	-433	-1544
6/30/1994	3468	30	1382	23	-571	1287	-635	8	1263	-242	-994	-1599
7/31/1994	3499	31	1895	23	-580	1479	-854	11	1226	-256	-1572	-1452
8/31/1994	3530	31	1654	23	-557	1479	-857	15	1186	-260	-1574	-1188
9/30/1994	3560	30	726	23	-367	1473	-855	15	1004	-251	-1722	-121
10/31/1994	3591	31	-905	57	-316	1310	-395	14	1062	-262	-65	-577
11/30/1994	3621	30	203	23	-240	1314	-556	19	1071	-254	-673	-981
12/31/1994	3652	31	-582	46	-227	1308	-387	18	1248	-266	-72	-1165
1/31/1995	3683	31	-11808	1303	-293	9781	-11	-88	1387	-282	-2072	1483
2/28/1995	3711	28	378	96	-277	1319	-246	-26	1126	-248	100	-2442
3/31/1995	3742	31	-4845	555	-472	4586	-40	-15	1348	-269	48	-1241
4/30/1995	3772	30	2268	23	-547	1210	-626	3	1349	-258	-879	-2642
5/31/1995	3803	31	1792	32	-543	1188	-449	17	1218	-255	41	-3139
6/30/1995	3833	30	1784	23	-584	1254	-657	17	1239	-245	-902	-2017
7/31/1995	3864	31	1909	23	-515	1336	-718	18	1052	-255	-928	-2014
8/31/1995	3895	31	1546	23	-495	1336	-714	26	1068	-256	-981	-1642
9/30/1995	3925	30	1278	23	-382	1330	-710	18	1037	-248	-1088	-1342
10/31/1995	3956	31	956	23	-333	1336	-711	16	1079	-258	-1074	-1118
11/30/1995	3986	30	1067	23	-231	1330	-709	22	1040	-252	-1163	-1206
12/31/1995	4017	31	-586	72	-221	1305	-284	12	1252	-260	128	-1501
1/31/1996	4048	31	-29	23	-266	1147	-417	10	1384	-262	-106	-1567
2/29/1996	4077	29	-3921	517	-292	3230	-47	-14	1399	-251	297	-1145
3/31/1996	4108	31	-698	99	-460	1308	-195	-5	1557	-270	489	-1914
4/30/1996	4138	30	1247	23	-510	1184	-586	12	1475	-261	-684	-1976
5/31/1996	4169	31	1539	23	-576	1240	-622	6	1432	-268	-847	-2007
6/30/1996	4199	30	1601	23	-549	1234	-623	12	1294	-258	-896	-1912
7/31/1996	4230	31	2355	23	-560	1472	-856	17	1281	-283	-1732	-1793
8/31/1996	4261	31	2201	23	-524	1472	-853	14	1237	-294	-1771	-1580
9/30/1996	4291	30	1323	23	-357	1466	-849	16	1008	-287	-1984	-429
10/31/1996	4322	31	-1658	160	-314	1660	-206	8	1052	-285	198	-696
11/30/1996	4352	30	-1109	125	-243	1484	-233	5	1085	-267	61	-986
12/31/1996	4383	31	-4001	451	-244	2886	-76	-15	1335	-276	71	-338
1/31/1997	4414	31	-2998	402	-290	2584	-44	-34	1376	-275	384	-1256
2/28/1997	4442	28	1662	21	-286	1142	-550	-7	1186	-245	-1058	-1936
3/31/1997	4473	31	1060	23	-428	1160	-552	7	1348	-268	-837	-1589
4/30/1997	4503	30	1366	23	-476	1154	-552	13	1250	-259	-836	-1755

Flow Budget for Aquifer A in Fillmore Basin												
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet									
			STORAGE	Mountain Front Recharge	ET	RECHARGE	Pumping from Wells	Outside	Piru A	Santa Paula	Fillmore B	Net Stream Percolation
5/31/1997	4534	31	1409	23	-549	1160	-551	11	1253	-268	-733	-1828
6/30/1997	4564	30	1423	23	-524	1154	-550	14	1186	-260	-770	-1765
7/31/1997	4595	31	1872	23	-531	1414	-729	13	1180	-267	-1476	-1571
8/31/1997	4626	31	964	23	-449	1414	-727	10	1006	-263	-1644	-403
9/30/1997	4656	30	1130	23	-355	1408	-724	9	1004	-254	-1787	-519
10/31/1997	4687	31	895	23	-309	1414	-723	8	1046	-263	-1800	-359
11/30/1997	4717	30	-1072	119	-237	1476	-197	4	1110	-257	-9	-1013
12/31/1997	4748	31	-3415	393	-231	2667	-66	-15	1309	-271	236	-756
1/31/1998	4779	31	-1831	161	-273	1619	-138	-16	1396	-272	109	-848
2/28/1998	4807	28	-9582	1266	-300	6612	1	-110	1320	-253	-1580	2181
3/31/1998	4838	31	-1413	241	-477	2010	-106	-56	1499	-276	320	-1917
4/30/1998	4868	30	334	74	-549	1294	-244	-5	1431	-256	-108	-2057
5/31/1998	4899	31	-1578	352	-649	2321	-88	-6	1496	-260	632	-2358
6/30/1998	4929	30	3234	23	-611	1400	-570	6	1312	-245	-1729	-2900
7/31/1998	4960	31	2457	23	-527	1361	-696	13	1168	-253	-1076	-2552
8/31/1998	4991	31	1654	23	-574	1358	-690	19	1271	-256	-1083	-1801
9/30/1998	5021	30	1346	23	-419	1347	-684	19	1175	-250	-1135	-1496
10/31/1998	5052	31	1168	23	-337	1351	-681	13	1070	-255	-1179	-1247
11/30/1998	5082	30	325	24	-238	1263	-457	11	1063	-244	-576	-1243
12/31/1998	5113	31	1080	23	-196	1346	-676	12	1076	-253	-1244	-1240
1/31/1999	5144	31	-992	100	-256	1406	-223	12	1256	-252	290	-1418
2/28/1999	5172	28	129	34	-268	1262	-439	13	1285	-230	-470	-1383
3/31/1999	5203	31	-826	88	-421	1379	-236	14	1496	-256	348	-1661
4/30/1999	5233	30	-920	95	-493	1369	-234	7	1489	-249	219	-1355
5/31/1999	5264	31	1482	23	-575	1393	-754	12	1520	-260	-1317	-1592
6/30/1999	5294	30	1725	23	-544	1389	-753	14	1378	-251	-1398	-1646
7/31/1999	5325	31	1598	23	-557	1360	-643	10	1323	-258	-1209	-1715
8/31/1999	5356	31	1534	23	-527	1358	-641	6	1274	-259	-1252	-1582
9/30/1999	5386	30	646	23	-372	1350	-638	2	1053	-250	-1405	-472
10/31/1999	5417	31	1053	23	-322	1353	-635	1	1080	-258	-1428	-933
11/30/1999	5447	30	961	23	-251	1277	-548	2	1174	-251	-1157	-1290
12/31/1999	5478	31	1129	23	-216	1355	-634	2	1205	-263	-1512	-1152
1/31/2000	5509	31	-526	59	-243	1296	-277	0	1210	-265	-265	-1055
2/29/2000	5538	29	-3850	436	-270	2939	-59	-22	1182	-253	7	-291
3/31/2000	5569	31	-1235	139	-433	1559	-188	-19	1258	-269	-15	-871
4/30/2000	5599	30	-596	91	-493	1401	-226	0	1185	-255	-95	-1083
5/31/2000	5630	31	2076	23	-567	1469	-754	8	1184	-258	-2031	-1217
6/30/2000	5660	30	1906	23	-532	1460	-749	6	1140	-250	-2129	-937
7/31/2000	5691	31	1651	23	-513	1374	-644	1	1125	-264	-1589	-1229
8/31/2000	5722	31	1461	23	-454	1371	-640	-2	1095	-266	-1568	-1083
9/30/2000	5752	30	-228	23	-357	1366	-636	-4	964	-256	-1738	804
10/31/2000	5783	31	-1138	43	-324	1244	-305	-7	1050	-262	-260	-108
11/30/2000	5813	30	1062	23	-229	1363	-631	-5	1044	-252	-1758	-679
12/31/2000	5844	31	1125	23	-197	1368	-632	-5	1155	-262	-1740	-896
1/31/2001	5875	31	-4192	363	-251	3790	-45	-21	1209	-268	56	-861
2/28/2001	5903	28	-5217	522	-279	4451	-33	-48	1135	-247	-384	-177
3/31/2001	5934	31	-3268	250	-468	2793	-89	-40	1263	-273	-133	-222
4/30/2001	5964	30	336	84	-532	1395	-314	-10	1217	-259	15	-2012
5/31/2001	5995	31	2761	23	-600	1581	-877	4	1224	-262	-2044	-1886
6/30/2001	6025	30	2499	23	-543	1570	-869	12	1159	-250	-2161	-1511
7/31/2001	6056	31	1575	23	-525	1410	-732	13	1174	-262	-1399	-1348
8/31/2001	6087	31	1409	23	-481	1410	-728	12	1145	-266	-1360	-1235
9/30/2001	6117	30	-119	23	-370	1398	-721	7	990	-257	-1515	497
10/31/2001	6148	31	362	23	-327	1407	-718	4	1058	-262	-1506	-108
11/30/2001	6178	30	-2222	184	-244	2273	-108	-2	1071	-252	383	-1182
12/31/2001	6209	31	-609	53	-234	1316	-259	0	1257	-262	251	-1585
1/31/2002	6240	31	-161	33	-267	1096	-299	-1	1248	-261	210	-1666
2/28/2002	6268	28	1176	21	-261	1135	-557	1	1061	-233	-963	-1439
3/31/2002	6299	31	982	23	-388	1135	-537	2	1140	-258	-788	-1376
4/30/2002	6329	30	1039	23	-415	1146	-557	5	1065	-250	-910	-1207
5/31/2002	6360	31	1012	23	-464	1152	-557	3	1068	-260	-867	-1174
6/30/2002	6390	30	1071	23	-450	1149	-557	-1	997	-252	-939	-1102
7/31/2002	6421	31	1675	23	-471	1352	-734	-3	988	-257	-1626	-1010
8/31/2002	6452	31	1538	23	-447	1350	-729	-4	953	-256	-1671	-820
9/30/2002	6482	30	-263	23	-353	1340	-719	-6	855	-248	-1867	1178
10/31/2002	6513	31	1369	23	-313	1347	-717	-8	953	-258	-1818	-638
11/30/2002	6543	30	-2648	220	-233	2566	-80	-14	931	-261	212	-814
12/31/2002	6574	31	-2398	207	-205	2438	-88	-18	976	-276	278	-1034
1/31/2003	6605	31	1579	23	-232	1330	-621	-9	979	-267	-1687	-1163
2/28/2003	6633	28	-2619	273	-234	2669	-67	-14	838	-245	-135	-618
3/31/2003	6664	31	-1829	209	-382	2193	-97	-17	951	-273	164	-1031
4/30/2003	6694	30	-123	53	-445	1222	-270	-9	930	-260	-244	-925
5/31/2003	6725	31	-494	94	-525	1358	-196	-7	960	-265	8	-1008
6/30/2003	6755	30	2045	23	-496	1330	-631	-3	912	-245	-1718	-1281

Flow Budget for Aquifer A in Fillmore Basin												
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet									
			STORAGE	Mountain Front Recharge	ET	RECHARGE	Pumping from Wells	Outside	Piru A	Santa Paula	Fillmore B	Net Stream Percolation
7/31/2003	6786	31	1952	23	-495	1307	-691	-2	926	-242	-1715	-1128
8/31/2003	6817	31	1716	23	-460	1306	-688	-4	906	-239	-1684	-940
9/30/2003	6847	30	-68	23	-358	1296	-683	-8	832	-229	-1816	950
10/31/2003	6878	31	1047	23	-314	1301	-681	-11	926	-237	-1800	-318
11/30/2003	6908	30	-1074	94	-234	1455	-192	-10	951	-243	72	-887
12/31/2003	6939	31	-1207	102	-202	1474	-192	-10	982	-259	173	-934
1/31/2004	6970	31	453	23	-230	1049	-445	-8	984	-260	-684	-946
2/29/2004	6999	29	-3592	367	-248	3265	-30	-22	900	-252	-155	-451
3/31/2004	7030	31	1188	23	-390	1152	-528	-10	994	-264	-1140	-1094
4/30/2004	7060	30	1282	23	-420	1146	-526	-3	933	-249	-1143	-1105
5/31/2004	7091	31	1165	23	-474	1153	-525	-4	946	-256	-1089	-1003
6/30/2004	7121	30	1127	23	-453	1146	-522	-5	897	-248	-1147	-879
7/31/2004	7152	31	1724	23	-469	1273	-678	-4	901	-262	-1756	-815
8/31/2004	7183	31	1571	23	-443	1273	-674	-6	875	-266	-1769	-646
9/30/2004	7213	30	1597	23	-337	1264	-668	-7	820	-261	-1846	-645
10/31/2004	7244	31	-4545	368	-326	2926	-59	-23	867	-275	-170	1010
11/30/2004	7274	30	1502	23	-241	1265	-675	-14	903	-265	-1867	-698
12/31/2004	7305	31	-4503	400	-205	3691	-36	-25	953	-280	-326	55
1/31/2005	7336	31	-9391	1020	-271	7132	3	-97	1050	-288	-1883	2181
2/28/2005	7364	28	-5459	500	-291	4234	-16	-70	1045	-259	-613	570
3/31/2005	7395	31	-1101	152	-477	2020	-93	-17	1249	-278	463	-2125
4/30/2005	7425	30	1716	23	-528	1107	-393	4	1251	-257	-466	-2547
5/31/2005	7456	31	2060	23	-553	1207	-542	7	1285	-257	-966	-2354
6/30/2005	7486	30	1847	23	-484	1193	-536	7	1125	-240	-1008	-2010
7/31/2005	7517	31	1329	23	-573	1141	-552	13	1284	-245	-785	-1719
8/31/2005	7548	31	1169	23	-548	1135	-550	16	1324	-247	-679	-1725
9/30/2005	7578	30	763	23	-379	1131	-548	11	1038	-235	-889	-991
10/31/2005	7609	31	-194	36	-365	1074	-320	13	1206	-247	68	-1353
11/30/2005	7639	30	728	23	-279	1098	-504	12	1378	-244	-726	-1560
12/31/2005	7670	31	678	23	-229	1118	-535	7	1468	-256	-787	-1562
1/31/2006	7701	31	-2906	251	-274	2417	-110	2	1579	-267	221	-1080
2/28/2006	7729	28	-2620	265	-290	2519	-92	-14	1516	-250	229	-1406
3/31/2006	7760	31	-2493	230	-489	2434	-99	-17	1740	-279	335	-1524
4/30/2006	7790	30	-2862	272	-580	2471	-98	-18	1710	-270	140	-944
5/31/2006	7821	31	1656	28	-652	1305	-474	-3	1707	-275	-588	-2789
6/30/2006	7851	30	3063	23	-589	1531	-810	12	1534	-265	-2233	-2341
7/31/2006	7882	31	1684	23	-594	1209	-535	14	1501	-282	-741	-2356
8/31/2006	7913	31	1569	23	-480	1199	-533	13	1080	-282	-794	-1868
9/30/2006	7943	30	1175	23	-375	1182	-533	10	1047	-273	-966	-1360
10/31/2006	7974	31	914	23	-328	1187	-531	8	1089	-282	-979	-1173
11/30/2006	8004	30	1129	23	-248	1169	-532	5	1155	-276	-1059	-1433
12/31/2006	8035	31	580	23	-225	1062	-454	1	1333	-286	-569	-1534
1/31/2007	8066	31	-1046	75	-259	1237	-146	-4	1379	-280	602	-1632
2/28/2007	8094	28	63	41	-261	1059	-277	-1	1231	-255	-103	-1562
3/31/2007	8125	31	1348	23	-401	1158	-521	-1	1300	-289	-1076	-1608
4/30/2007	8155	30	380	24	-456	1037	-314	-2	1227	-279	-217	-1463
5/31/2007	8186	31	1426	23	-523	1158	-520	-3	1212	-290	-1121	-1426
6/30/2007	8216	30	1370	23	-476	1152	-519	-4	1131	-284	-1224	-1230
7/31/2007	8247	31	1498	23	-505	1411	-562	-4	1080	-305	-1520	-1179
8/31/2007	8278	31	582	23	-456	1411	-558	-5	982	-312	-1595	-135
9/30/2007	8308	30	439	23	-357	1386	-545	-7	924	-302	-1664	45
10/31/2007	8339	31	346	23	-313	1411	-550	-10	977	-312	-1748	114
11/30/2007	8369	30	1164	23	-223	1405	-546	-11	978	-303	-1789	-756
12/31/2007	8400	31	-2260	194	-210	2321	-78	-19	1056	-299	156	-958
1/31/2008	8431	31	-6828	599	-275	5456	-3	-42	1148	-292	-857	713
2/29/2008	8460	29	-1021	104	-298	1615	-133	-28	1074	-267	-108	-1020
3/31/2008	8491	31	1693	23	-423	1381	-553	-5	1115	-277	-1499	-1526
4/30/2008	8521	30	1441	23	-469	1375	-551	6	1092	-265	-1464	-1255
5/31/2008	8552	31	1420	23	-535	1381	-548	8	1128	-274	-1394	-1277
6/30/2008	8582	30	1361	23	-513	1375	-545	3	1084	-266	-1429	-1157
7/31/2008	8613	31	1683	23	-513	1452	-614	0	1101	-283	-1817	-1097
8/31/2008	8644	31	1504	23	-485	1452	-609	-1	1078	-289	-1853	-884
9/30/2008	8674	30	-134	23	-358	1446	-602	-5	941	-280	-2046	953
10/31/2008	8705	31	220	23	-318	1452	-598	-8	1021	-288	-2053	486
11/30/2008	8735	30	-1606	133	-250	1891	-121	-10	1088	-276	45	-973
12/31/2008	8766	31	-1703	141	-226	1866	-121	-13	1223	-285	193	-1156
1/31/2009	8797	31	545	23	-254	1175	-416	-12	1216	-293	-839	-1209
2/28/2009	8825	28	-3527	281	-264	3076	-29	-17	1136	-263	-64	-509
3/31/2009	8856	31	545	23	-419	1180	-382	-13	1269	-292	-680	-1298
4/30/2009	8886	30	1245	23	-464	1266	-487	-11	1177	-287	-1221	-1303
5/31/2009	8917	31	1278	23	-531	1273	-486	-9	1183	-297	-1163	-1336
6/30/2009	8947	30	1192	23	-502	1252	-484	-9	1119	-288	-1224	-1141
7/31/2009	8978	31	1739	23	-501	1488	-603	-9	1121	-305	-1927	-1088
8/31/2009	9009	31	1608	23	-457	1425	-599	-9	1091	-311	-1980	-853

Flow Budget for Aquifer A in Fillmore Basin												
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet									
			STORAGE	Mountain Front Recharge	ET	RECHARGE	Pumping from Wells	Outside	Piru A	Santa Paula	Fillmore B	Net Stream Percolation
9/30/2009	9039	30	244	23	-350	1472	-595	-10	959	-302	-2148	648
10/31/2009	9070	31	-2627	233	-317	2300	-94	-19	992	-296	-93	-192
11/30/2009	9100	30	1475	23	-229	1458	-596	-14	1015	-293	-2101	-800
12/31/2009	9131	31	-2509	251	-221	2430	-76	-20	1139	-297	-19	-814
1/31/2010	9162	31	-4097	369	-268	3433	3	-38	1226	-291	-30	-519
2/28/2010	9190	28	-2250	227	-279	2322	-45	-34	1123	-262	-2	-933
3/31/2010	9221	31	1304	23	-429	1294	-481	-10	1263	-294	-1409	-1334
4/30/2010	9251	30	-814	85	-484	1395	-126	-5	1238	-279	163	-1248
5/31/2010	9282	31	1356	23	-566	1294	-481	-7	1287	-290	-1240	-1446
6/30/2010	9312	30	1564	23	-539	1291	-479	-6	1214	-282	-1292	-1558
7/31/2010	9343	31	1808	23	-543	1462	-569	-7	1213	-305	-1778	-1371
8/31/2010	9374	31	1639	23	-497	1462	-565	-7	1184	-315	-1827	-1163
9/30/2010	9404	30	634	23	-370	1459	-561	-9	1061	-308	-1983	-8
10/31/2010	9435	31	-1646	83	-321	1479	-152	-13	1062	-299	-14	-250
11/30/2010	9465	30	-352	56	-235	1324	-243	-13	1061	-284	-370	-1010
12/31/2010	9496	31	-5443	595	-239	4805	13	-43	1299	-291	-510	-535
1/31/2011	9527	31	1501	23	-275	1238	-425	-26	1258	-291	-1256	-1822
2/28/2011	9555	28	-2191	250	-271	2307	-38	-16	1160	-259	53	-1132
3/31/2011	9586	31	-4190	404	-445	3575	8	-36	1371	-287	-243	-418
4/30/2011	9616	30	1410	23	-513	1235	-439	-21	1341	-282	-1254	-1577
5/31/2011	9647	31	944	23	-582	1132	-293	-8	1338	-287	-280	-2064
6/30/2011	9677	30	1308	23	-561	1235	-435	-3	1335	-277	-1048	-1649
7/31/2011	9708	31	1672	23	-577	1219	-463	-1	1332	-292	-1177	-1809
8/31/2011	9739	31	1460	23	-542	1219	-460	6	1306	-295	-1152	-1635
9/30/2011	9769	30	530	23	-391	1216	-459	2	1108	-287	-1299	-510
10/31/2011	9800	31	-770	55	-333	1166	-142	-3	1079	-284	257	-1096
11/30/2011	9830	30	-841	84	-274	1354	-94	-6	1217	-272	449	-1688
12/31/2011	9861	31	1229	23	-232	1219	-456	-8	1309	-291	-1200	-1659
1/31/2012	9892	31	-137	46	-259	1146	-178	-11	1281	-293	57	-1721
2/29/2012	9921	29	1330	22	-266	1251	-466	-10	1147	-281	-1569	-1219
3/31/2012	9952	31	-1874	208	-418	1954	-61	-6	1244	-296	324	-1162
4/30/2012	9982	30	-1354	166	-497	1780	-69	-4	1234	-283	374	-1422
5/31/2012	10013	31	1913	23	-569	1264	-470	2	1198	-300	-1376	-1749
6/30/2012	10043	30	1815	23	-514	1260	-472	-1	1097	-294	-1527	-1448
7/31/2012	10074	31	1736	23	-484	1205	-575	-3	1110	-270	-1514	-1290
8/31/2012	10105	31	1546	23	-457	1204	-569	-6	1080	-252	-1524	-1108
9/30/2012	10135	30	65	23	-354	1198	-564	-8	932	-240	-1695	586
10/31/2012	10166	31	451	23	-313	1202	-557	-11	988	-242	-1681	79
11/30/2012	10196	30	-628	62	-227	1154	-175	-12	1044	-249	-1	-1031
12/31/2012	10227	31	-923	57	-199	1270	-136	-14	1115	-271	323	-1288
1/31/2013	10258	31	-608	62	-227	1106	-160	-16	1109	-263	315	-1382
2/28/2013	10286	28	1296	21	-222	1071	-510	-13	953	-207	-1334	-1109
3/31/2013	10317	31	744	23	-338	982	-402	-13	1028	-224	-823	-1035
4/30/2013	10347	30	1210	23	-381	1086	-506	-11	950	-210	-1327	-890
5/31/2013	10378	31	1197	23	-442	1093	-502	-11	949	-212	-1310	-843
6/30/2013	10408	30	1219	23	-426	1089	-500	-12	881	-204	-1376	-750
7/31/2013	10439	31	1237	23	-441	1161	-478	-12	863	-217	-1505	-688
8/31/2013	10470	31	1234	23	-418	1161	-475	-12	825	-222	-1538	-636
9/30/2013	10500	30	1247	23	-317	1155	-474	-12	766	-215	-1630	-597
10/31/2013	10531	31	1173	23	-272	1159	-472	-12	777	-225	-1640	-569
11/30/2013	10561	30	824	23	-192	1059	-405	-11	745	-221	-1356	-519
12/31/2013	10592	31	1108	23	-159	1158	-470	-10	751	-230	-1719	-510
1/31/2014	10623	31	1789	23	-171	1300	-664	-8	727	-231	-2351	-470
2/28/2014	10651	28	-2118	229	-180	2154	-85	-13	622	-234	-297	-182
3/31/2014	10682	31	-1331	112	-314	1380	-176	-13	711	-273	-405	235
4/30/2014	10712	30	1776	23	-338	1295	-670	-9	656	-240	-2348	-202
5/31/2014	10743	31	1870	23	-365	1301	-666	-9	667	-233	-2349	-297
6/30/2014	10773	30	2048	23	-333	1294	-662	-8	618	-223	-2370	-441
7/31/2014	10804	31	1723	23	-327	1208	-580	-9	641	-236	-2070	-431
8/31/2014	10835	31	1686	23	-294	1208	-577	-9	615	-241	-2067	-403
9/30/2014	10865	30	1691	23	-216	1201	-576	-8	564	-233	-2119	-381
10/31/2014	10896	31	1610	23	-178	1206	-574	-8	563	-242	-2146	-311
11/30/2014	10926	30	1095	23	-123	1074	-449	-7	516	-243	-1705	-234
12/31/2014	10957	31	-2609	198	-120	2241	-54	-11	535	-274	-360	329
1/31/2015	10988	31	-1094	64	-158	1108	-136	-9	559	-278	-266	143
2/28/2015	11016	28	541	21	-153	971	-353	-6	470	-229	-1315	-1
3/31/2015	11047	31	187	24	-229	979	-292	-5	528	-249	-1018	17
4/30/2015	11077	30	1352	23	-247	1089	-469	-5	492	-227	-1976	-88
5/31/2015	11108	31	704	23	-280	985	-325	-5	504	-239	-1237	-188
6/30/2015	11138	30	1590	23	-262	1087	-466	-6	472	-223	-1941	-330
7/31/2015	11169	31	-137	51	-275	1114	-185	-7	461	-246	-470	-364
8/31/2015	11200	31	1717	23	-260	1189	-553	-7	444	-229	-2002	-377
9/30/2015	11230	30	1296	23	-196	1084	-455	-7	415	-219	-1709	-287
10/31/2015	11261	31	1639	23	-164	1186	-548	-7	414	-218	-2115	-266

Flow Budget for Aquifer A in Fillmore Basin												
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet									
			STORAGE	Mountain Front Recharge	ET	RECHARGE	Pumping from Wells	Outside	Piru A	Santa Paula	Fillmore B	Net Stream Percolation
11/30/2015	11291	30	1604	23	-109	1182	-545	-6	380	-203	-2219	-161
12/31/2015	11322	31	1548	23	-85	1187	-542	-6	376	-210	-2235	-111

Flow Budget for Aquifer B in Fillmore Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore A	Piru B	Santa Paula B	Fillmore C
1/31/1985	31	31	270	207	42	-1942	163	-1357	2348	-864	1410
2/28/1985	59	28	269	178	33	-2198	122	-921	2169	-783	1401
3/31/1985	90	31	247	185	30	-2282	118	-1120	2379	-862	1618
4/30/1985	120	30	564	156	7	-3678	101	100	2313	-859	1612
5/31/1985	151	31	457	161	7	-3677	94	135	2381	-891	1665
6/30/1985	181	30	450	156	7	-3682	86	290	2316	-869	1570
7/31/1985	212	31	571	161	8	-4379	82	848	2354	-912	1598
8/31/1985	243	31	541	161	8	-4385	76	930	2349	-923	1566
9/30/1985	273	30	518	156	8	-4397	67	1092	2296	-896	1460
10/31/1985	304	31	393	161	8	-4397	66	1161	2406	-938	1443
11/30/1985	334	30	-1116	631	244	-1395	56	-649	2364	-859	1038
12/31/1985	365	31	278	172	11	-3092	63	108	2399	-933	1271
1/31/1986	396	31	-1013	598	231	-1021	59	-846	2283	-889	893
2/28/1986	424	28	-2221	1218	476	-834	55	-142	2117	-787	423
3/31/1986	455	31	-1050	687	265	-993	73	-850	2317	-868	718
4/30/1986	485	30	310	178	36	-2122	79	-481	2239	-857	865
5/31/1986	516	31	761	161	6	-3677	86	602	2309	-898	888
6/30/1986	546	30	735	156	6	-3688	87	720	2243	-873	831
7/31/1986	577	31	733	161	7	-3801	87	656	2306	-888	947
8/31/1986	608	31	608	161	7	-3802	80	691	2386	-898	926
9/30/1986	638	30	378	169	20	-2838	68	17	2339	-873	843
10/31/1986	669	31	634	161	7	-3802	68	729	2382	-914	852
11/30/1986	699	30	-77	224	64	-1630	60	-730	2334	-862	725
12/31/1986	730	31	655	161	7	-3803	68	756	2357	-918	821
1/31/1987	761	31	39	209	59	-1972	62	-515	2339	-885	766
2/28/1987	789	28	265	177	34	-2315	56	-156	2119	-807	713
3/31/1987	820	31	-59	246	83	-1689	59	-665	2297	-876	697
4/30/1987	850	30	803	156	6	-4411	66	1372	2198	-868	759
5/31/1987	881	31	707	161	6	-4415	67	1447	2251	-895	749
6/30/1987	911	30	665	156	6	-4423	58	1574	2195	-861	702
7/31/1987	942	31	640	161	7	-4745	55	1851	2296	-890	697
8/31/1987	973	31	679	161	7	-4747	55	1807	2321	-901	686
9/30/1987	1003	30	686	156	7	-4752	53	1902	2245	-884	650
10/31/1987	1034	31	10	208	52	-2150	47	-127	2320	-897	602
11/30/1987	1064	30	-64	224	68	-1892	42	-247	2244	-877	564
12/31/1987	1095	31	-787	549	225	-1289	45	-436	2302	-885	398
1/31/1988	1126	31	-468	386	141	-1158	46	-459	2228	-877	248
2/29/1988	1155	29	-341	309	109	-1287	44	-217	2091	-816	178
3/31/1988	1186	31	318	170	11	-2805	49	719	2185	-874	285
4/30/1988	1216	30	-586	463	180	-1146	48	-285	2136	-828	119
5/31/1988	1247	31	808	161	7	-4080	52	1490	2191	-846	274
6/30/1988	1277	30	599	156	7	-4094	48	1706	2194	-811	248
7/31/1988	1308	31	762	161	5	-4762	51	2138	2287	-870	279
8/31/1988	1339	31	694	161	5	-4763	50	2202	2299	-882	284
9/30/1988	1369	30	672	156	5	-4768	47	2306	2232	-864	261
10/31/1988	1400	31	613	161	5	-4767	48	2331	2290	-900	267
11/30/1988	1430	30	72	183	26	-2459	40	612	2216	-866	222
12/31/1988	1461	31	-865	582	225	-1124	33	-95	2260	-879	-28
1/31/1989	1492	31	509	161	5	-3293	37	874	2316	-877	315
2/28/1989	1520	28	-568	391	150	-1305	30	-123	2121	-781	154
3/31/1989	1551	31	294	177	9	-2583	38	313	2308	-866	357
4/30/1989	1581	30	509	156	6	-3778	50	1324	2241	-827	365
5/31/1989	1612	31	443	161	6	-3780	54	1303	2345	-844	357
6/30/1989	1642	30	414	156	6	-3785	48	1391	2288	-818	344
7/31/1989	1673	31	542	161	9	-4823	50	2027	2499	-864	444
8/31/1989	1704	31	578	161	9	-4820	48	1989	2488	-872	461
9/30/1989	1734	30	591	156	9	-4795	46	2041	2393	-850	446
10/31/1989	1765	31	451	161	9	-4111	46	1446	2443	-885	476
11/30/1989	1795	30	592	156	9	-4763	45	2062	2345	-863	457
12/31/1989	1826	31	588	161	9	-4817	47	2096	2391	-896	462
1/31/1990	1857	31	-591	397	149	-1654	35	113	2285	-887	227
2/28/1990	1885	28	-369	330	121	-1777	32	209	2080	-798	232
3/31/1990	1916	31	641	161	8	-4669	46	2002	2314	-878	417
4/30/1990	1946	30	570	156	8	-4671	50	2068	2271	-845	434
5/31/1990	1977	31	540	161	6	-4266	52	1638	2335	-873	448

Flow Budget for Aquifer B in Fillmore Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore A	Piru B	Santa Paula B	Fillmore C
6/30/1990	2007	30	621	156	8	-4681	50	2018	2272	-846	442
7/31/1990	2038	31	494	161	4	-4170	45	1920	2147	-903	340
8/31/1990	2069	31	548	161	4	-4177	43	1927	2131	-911	313
9/30/1990	2099	30	560	156	4	-4185	41	1998	2060	-888	293
10/31/1990	2130	31	544	161	4	-4186	42	1991	2103	-923	303
11/30/1990	2160	30	549	156	4	-4192	41	2067	2028	-900	283
12/31/1990	2191	31	540	161	4	-4193	44	2063	2067	-934	286
1/31/1991	2222	31	104	187	36	-2606	43	903	2059	-912	225
2/28/1991	2250	28	-508	337	132	-1495	31	531	1851	-816	-1
3/31/1991	2281	31	-3681	1759	729	-827	37	1914	2029	-879	-787
4/30/1991	2311	30	531	156	8	-4595	57	2850	1989	-860	-58
5/31/1991	2342	31	560	161	8	-4600	59	2669	2055	-877	14
6/30/1991	2372	30	582	156	8	-4605	54	2580	2003	-847	115
7/31/1991	2403	31	599	161	9	-4630	52	2350	2098	-869	277
8/31/1991	2434	31	670	161	9	-4626	51	2225	2098	-870	329
9/30/1991	2464	30	674	156	9	-4629	48	2268	2035	-844	327
10/31/1991	2495	31	344	161	9	-4591	38	2466	2162	-870	326
11/30/1991	2525	30	410	156	9	-4636	33	2444	2147	-841	321
12/31/1991	2556	31	-1138	583	223	-1261	26	427	2184	-872	-61
1/31/1992	2587	31	-431	269	91	-1584	24	243	2146	-874	169
2/29/1992	2616	29	-3547	1636	682	-889	25	1754	2029	-800	-615
3/31/1992	2647	31	-2038	992	396	-981	39	804	2179	-855	-308
4/30/1992	2677	30	513	156	7	-4196	51	2058	2185	-798	82
5/31/1992	2708	31	478	161	7	-4200	58	1886	2319	-810	158
6/30/1992	2738	30	465	156	7	-4203	55	1812	2315	-782	229
7/31/1992	2769	31	485	161	5	-5057	55	2437	2530	-877	315
8/31/1992	2800	31	472	161	5	-5055	61	2376	2567	-890	356
9/30/1992	2830	30	474	156	5	-5058	62	2422	2519	-869	339
10/31/1992	2861	31	-540	239	61	-2009	37	307	2610	-865	213
11/30/1992	2891	30	315	156	5	-5061	42	2521	2597	-861	334
12/31/1992	2922	31	-1464	695	272	-1344	31	241	2614	-846	-55
1/31/1993	2953	31	-3617	1679	671	-1096	35	1451	2640	-835	-637
2/28/1993	2981	28	-3070	1378	570	-1149	50	1308	2440	-752	-515
3/31/1993	3012	31	-931	558	216	-1554	66	73	2675	-833	-82
4/30/1993	3042	30	710	156	6	-5214	80	2165	2859	-794	99
5/31/1993	3073	31	679	161	6	-5208	85	1968	2992	-806	188
6/30/1993	3103	30	542	156	5	-4290	81	1180	2907	-783	264
7/31/1993	3134	31	486	161	10	-3725	71	1064	2490	-823	327
8/31/1993	3165	31	516	161	10	-3724	65	1005	2467	-830	388
9/30/1993	3195	30	486	156	10	-3726	59	1091	2379	-811	410
10/31/1993	3226	31	451	161	10	-3725	64	1062	2446	-845	432
11/30/1993	3256	30	136	170	13	-2279	59	31	2332	-830	419
12/31/1993	3287	31	-69	203	47	-1355	56	-739	2380	-855	385
1/31/1994	3318	31	432	161	6	-3379	65	766	2571	-848	277
2/28/1994	3346	28	-1487	825	334	-745	61	-153	2338	-757	-255
3/31/1994	3377	31	-227	285	102	-1181	73	-673	2537	-842	-11
4/30/1994	3407	30	588	156	6	-3512	77	964	2440	-805	136
5/31/1994	3438	31	367	162	7	-2868	84	433	2507	-829	188
6/30/1994	3468	30	495	156	6	-3507	87	994	2416	-800	200
7/31/1994	3499	31	568	161	11	-4530	96	1572	2629	-841	383
8/31/1994	3530	31	521	161	11	-4524	101	1574	2632	-848	420
9/30/1994	3560	30	504	156	11	-4529	99	1722	2483	-818	417
10/31/1994	3591	31	-7	185	18	-2453	95	65	2583	-851	410
11/30/1994	3621	30	185	167	19	-3227	95	673	2550	-818	398
12/31/1994	3652	31	-28	184	32	-2501	94	72	2669	-855	378
1/31/1995	3683	31	-5631	2771	1116	-650	100	2072	2550	-826	-1136
2/28/1995	3711	28	210	190	63	-1678	112	-100	2236	-773	-80
3/31/1995	3742	31	-2036	1217	490	-768	119	-48	2521	-807	-446
4/30/1995	3772	30	731	156	7	-3457	117	879	2461	-834	5
5/31/1995	3803	31	625	176	20	-2556	117	-41	2431	-822	115
6/30/1995	3833	30	711	156	7	-3681	111	902	2479	-815	189
7/31/1995	3864	31	799	161	5	-3932	109	928	2460	-829	357
8/31/1995	3895	31	645	161	5	-3932	107	981	2511	-830	408
9/30/1995	3925	30	570	156	5	-3938	98	1088	2460	-807	422
10/31/1995	3956	31	505	161	5	-3935	99	1074	2544	-837	436

Flow Budget for Aquifer B in Fillmore Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore A	Piru B	Santa Paula B	Fillmore C
11/30/1995	3986	30	472	156	5	-3938	98	1163	2479	-815	430
12/31/1995	4017	31	-20	208	45	-2349	91	-128	2663	-820	361
1/31/1996	4048	31	219	169	17	-2765	91	106	2636	-840	415
2/29/1996	4077	29	-1440	939	333	-1037	81	-297	2498	-763	-158
3/31/1996	4108	31	-4	235	56	-1808	90	-489	2602	-833	206
4/30/1996	4138	30	529	156	9	-3415	89	684	2504	-840	332
5/31/1996	4169	31	540	161	9	-3687	89	847	2576	-867	381
6/30/1996	4199	30	528	156	9	-3692	91	896	2506	-842	395
7/31/1996	4230	31	680	161	8	-4469	96	1732	2409	-894	325
8/31/1996	4261	31	690	161	8	-4478	95	1771	2406	-908	301
9/30/1996	4291	30	657	156	8	-4486	92	1984	2223	-885	295
10/31/1996	4322	31	-205	260	78	-1637	78	-198	2392	-866	146
11/30/1996	4352	30	-157	245	73	-1811	70	-61	2352	-825	160
12/31/1996	4383	31	-1396	805	287	-991	74	-71	2501	-840	-226
1/31/1997	4414	31	-995	648	225	-1108	75	-384	2566	-832	-87
2/28/1997	4442	28	465	145	6	-3481	76	1058	2317	-784	243
3/31/1997	4473	31	432	161	6	-3477	87	837	2557	-867	312
4/30/1997	4503	30	461	156	6	-3480	85	836	2477	-844	349
5/31/1997	4534	31	451	161	6	-3479	87	733	2554	-872	404
6/30/1997	4564	30	462	156	6	-3483	86	770	2487	-846	405
7/31/1997	4595	31	649	161	7	-4220	89	1476	2489	-882	274
8/31/1997	4626	31	615	161	7	-4231	84	1644	2408	-875	230
9/30/1997	4656	30	515	156	7	-4239	78	1787	2389	-849	195
10/31/1997	4687	31	444	161	7	-4239	78	1800	2478	-879	191
11/30/1997	4717	30	-244	240	77	-1788	64	9	2467	-824	46
12/31/1997	4748	31	-1026	659	230	-1070	65	-236	2556	-841	-230
1/31/1998	4779	31	-326	295	98	-1523	63	-109	2496	-864	-71
2/28/1998	4807	28	-4174	2180	797	-613	63	1580	2256	-724	-1086
3/31/1998	4838	31	-183	417	143	-1295	97	-320	2478	-829	-372
4/30/1998	4868	30	201	197	47	-2118	96	108	2416	-807	-85
5/31/1998	4899	31	-528	523	191	-1092	95	-632	2498	-796	-159
6/30/1998	4929	30	921	156	7	-4537	101	1729	2428	-868	101
7/31/1998	4960	31	704	161	6	-3980	106	1076	2502	-832	310
8/31/1998	4991	31	531	161	6	-3981	105	1083	2628	-838	356
9/30/1998	5021	30	578	156	6	-3973	99	1135	2487	-812	375
10/31/1998	5052	31	518	161	6	-3987	96	1179	2498	-839	415
11/30/1998	5082	30	311	164	17	-3161	90	576	2447	-793	394
12/31/1998	5113	31	418	161	6	-3990	95	1244	2517	-837	432
1/31/1999	5144	31	-196	232	59	-2061	88	-290	2671	-795	339
2/28/1999	5172	28	165	171	18	-2995	83	470	2495	-741	375
3/31/1999	5203	31	-107	230	66	-2133	87	-348	2718	-807	339
4/30/1999	5233	30	-115	217	58	-2130	79	-219	2615	-783	321
5/31/1999	5264	31	508	161	7	-4338	90	1317	2690	-845	452
6/30/1999	5294	30	500	156	7	-4347	91	1398	2614	-823	444
7/31/1999	5325	31	487	161	7	-3869	89	1209	2508	-844	292
8/31/1999	5356	31	510	161	7	-3877	83	1252	2504	-849	251
9/30/1999	5386	30	544	156	7	-3884	74	1405	2326	-822	234
10/31/1999	5417	31	440	161	7	-3887	71	1428	2443	-847	224
11/30/1999	5447	30	333	156	6	-3506	69	1157	2447	-818	195
12/31/1999	5478	31	336	161	7	-3888	72	1512	2502	-864	201
1/31/2000	5509	31	-14	210	36	-2572	66	265	2608	-854	295
2/29/2000	5538	29	-1234	800	271	-1261	57	-7	2466	-780	-186
3/31/2000	5569	31	-232	260	74	-2012	64	15	2577	-842	139
4/30/2000	5599	30	-83	227	64	-2220	66	95	2486	-804	210
5/31/2000	5630	31	583	161	8	-4886	77	2031	2582	-874	358
6/30/2000	5660	30	515	156	8	-4900	74	2129	2544	-855	368
7/31/2000	5691	31	390	161	6	-4083	69	1589	2476	-853	284
8/31/2000	5722	31	460	161	6	-4089	65	1568	2457	-855	267
9/30/2000	5752	30	412	156	6	-4097	57	1738	2343	-825	247
10/31/2000	5783	31	-42	188	39	-2256	50	260	2460	-835	178
11/30/2000	5813	30	335	156	6	-4099	53	1758	2414	-813	229
12/31/2000	5844	31	280	161	6	-4099	57	1740	2519	-849	224
1/31/2001	5875	31	-1573	910	360	-834	46	-56	2496	-836	-357
2/28/2001	5903	28	-1991	1127	445	-783	42	384	2270	-749	-549
3/31/2001	5934	31	-1325	686	277	-1021	58	133	2456	-827	-303

Flow Budget for Aquifer B in Fillmore Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore A	Piru B	Santa Paula B	Fillmore C
4/30/2001	5964	30	98	219	60	-1943	66	-15	2373	-809	4
5/31/2001	5995	31	841	161	8	-4821	82	2044	2472	-863	127
6/30/2001	6025	30	712	156	8	-4837	85	2161	2431	-838	170
7/31/2001	6056	31	424	161	6	-4061	84	1399	2582	-871	323
8/31/2001	6087	31	443	161	6	-4058	83	1360	2563	-878	366
9/30/2001	6117	30	406	156	6	-4067	75	1515	2430	-847	371
10/31/2001	6148	31	313	161	6	-4067	70	1506	2543	-868	380
11/30/2001	6178	30	-646	412	141	-1329	56	-383	2492	-798	125
12/31/2001	6209	31	-45	197	43	-2001	57	-251	2596	-843	294
1/31/2002	6240	31	68	182	18	-1858	59	-210	2415	-852	223
2/28/2002	6268	28	365	145	5	-3059	59	963	2169	-791	182
3/31/2002	6299	31	320	161	5	-2995	68	788	2366	-874	203
4/30/2002	6329	30	332	156	5	-3058	69	910	2279	-850	196
5/31/2002	6360	31	340	161	5	-3056	69	867	2332	-879	201
6/30/2002	6390	30	355	156	5	-3060	62	939	2249	-855	187
7/31/2002	6421	31	485	161	6	-4025	61	1626	2371	-880	234
8/31/2002	6452	31	467	161	6	-4031	58	1671	2361	-890	235
9/30/2002	6482	30	371	156	6	-4046	51	1867	2285	-865	214
10/31/2002	6513	31	336	161	6	-4045	50	1818	2402	-901	212
11/30/2002	6543	30	-804	556	201	-989	40	-212	2310	-842	-170
12/31/2002	6574	31	-701	517	191	-1035	39	-278	2357	-870	-131
1/31/2003	6605	31	708	161	5	-3985	47	1687	2275	-914	58
2/28/2003	6633	28	-1029	608	229	-839	40	135	2061	-778	-316
3/31/2003	6664	31	-596	444	158	-1024	45	-164	2249	-857	-176
4/30/2003	6694	30	81	189	43	-1886	41	244	2184	-838	-13
5/31/2003	6725	31	-108	213	60	-1515	41	-8	2239	-859	-16
6/30/2003	6755	30	675	156	5	-3984	53	1718	2181	-852	90
7/31/2003	6786	31	441	161	6	-4010	57	1715	2308	-829	194
8/31/2003	6817	31	441	161	6	-4010	54	1684	2314	-833	225
9/30/2003	6847	30	371	156	6	-4018	44	1816	2257	-804	211
10/31/2003	6878	31	293	161	6	-4018	40	1800	2375	-831	214
11/30/2003	6908	30	-299	213	75	-1491	34	-72	2308	-812	86
12/31/2003	6939	31	-218	216	73	-1485	35	-173	2345	-847	99
1/31/2004	6970	31	242	161	5	-2639	44	684	2275	-878	146
2/29/2004	6999	29	-1468	854	330	-627	38	155	2134	-792	-468
3/31/2004	7030	31	438	161	5	-3127	50	1140	2274	-871	-25
4/30/2004	7060	30	413	156	5	-3137	54	1143	2202	-843	50
5/31/2004	7091	31	373	161	5	-3135	55	1089	2271	-871	95
6/30/2004	7121	30	356	156	5	-3141	52	1147	2204	-846	108
7/31/2004	7152	31	439	161	6	-3984	54	1756	2301	-903	211
8/31/2004	7183	31	425	161	6	-3986	52	1769	2296	-914	233
9/30/2004	7213	30	428	156	6	-3996	49	1846	2221	-897	226
10/31/2004	7244	31	-1382	810	297	-870	37	170	2319	-872	-346
11/30/2004	7274	30	498	156	6	-3983	40	1867	2259	-897	97
12/31/2004	7305	31	-1773	980	382	-762	39	326	2328	-877	-444
1/31/2005	7336	31	-4420	2267	858	-492	54	1883	2296	-853	-1256
2/28/2005	7364	28	-2159	1226	467	-591	71	613	2132	-762	-744
3/31/2005	7395	31	-249	345	122	-994	90	-463	2378	-846	-208
4/30/2005	7425	30	571	159	6	-2688	88	466	2339	-833	-40
5/31/2005	7456	31	718	161	5	-3485	91	966	2425	-864	48
6/30/2005	7486	30	728	156	5	-3493	88	1008	2285	-823	108
7/31/2005	7517	31	485	161	6	-3291	90	785	2490	-835	170
8/31/2005	7548	31	546	161	6	-3286	90	679	2471	-844	236
9/30/2005	7578	30	510	156	6	-3291	83	889	2257	-812	256
10/31/2005	7609	31	98	180	28	-2093	83	-68	2434	-828	221
11/30/2005	7639	30	342	156	5	-3135	81	726	2453	-827	250
12/31/2005	7670	31	329	161	6	-3225	81	787	2528	-867	252
1/31/2006	7701	31	-969	576	208	-1234	73	-221	2578	-854	-32
2/28/2006	7729	28	-804	537	201	-1154	61	-229	2335	-780	-57
3/31/2006	7760	31	-829	558	205	-1201	68	-335	2548	-859	-33
4/30/2006	7790	30	-983	586	218	-1201	67	-140	2479	-825	-66
5/31/2006	7821	31	477	182	23	-3215	76	588	2534	-862	254
6/30/2006	7851	30	872	156	8	-5175	84	2233	2459	-870	285
7/31/2006	7882	31	497	161	6	-3165	88	741	2451	-937	211
8/31/2006	7913	31	649	161	6	-3165	87	794	2211	-929	239

Flow Budget for Aquifer B in Fillmore Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore A	Piru B	Santa Paula B	Fillmore C
9/30/2006	7943	30	503	156	6	-3173	79	966	2204	-900	208
10/31/2006	7974	31	415	161	6	-3172	78	979	2292	-927	218
11/30/2006	8004	30	336	156	6	-3176	71	1059	2310	-907	191
12/31/2006	8035	31	240	161	4	-2707	69	569	2437	-923	196
1/31/2007	8066	31	-136	226	62	-1218	59	-602	2413	-877	121
2/28/2007	8094	28	136	168	32	-1935	56	103	2167	-824	138
3/31/2007	8125	31	454	161	6	-3347	65	1076	2355	-939	212
4/30/2007	8155	30	208	166	8	-2205	62	217	2277	-891	199
5/31/2007	8186	31	446	161	6	-3350	62	1121	2325	-943	214
6/30/2007	8216	30	432	156	6	-3359	59	1224	2247	-919	195
7/31/2007	8247	31	475	161	6	-4091	61	1520	2581	-995	323
8/31/2007	8278	31	439	161	6	-4093	57	1595	2533	-1001	344
9/30/2007	8308	30	342	156	6	-4012	49	1664	2482	-971	322
10/31/2007	8339	31	286	161	6	-4102	45	1748	2575	-1001	322
11/30/2007	8369	30	288	156	6	-4110	41	1789	2542	-979	304
12/31/2007	8400	31	-688	434	146	-1471	33	-156	2633	-909	44
1/31/2008	8431	31	-2723	1484	569	-1124	46	857	2662	-871	-639
2/29/2008	8460	29	-288	239	73	-1752	52	108	2477	-827	-30
3/31/2008	8491	31	517	161	5	-4081	64	1499	2626	-897	156
4/30/2008	8521	30	466	156	5	-4067	69	1464	2576	-868	246
5/31/2008	8552	31	450	161	5	-4089	74	1394	2669	-898	280
6/30/2008	8582	30	454	156	5	-4071	68	1429	2590	-873	286
7/31/2008	8613	31	450	161	6	-4291	67	1817	2548	-959	244
8/31/2008	8644	31	461	161	6	-4299	65	1853	2530	-969	235
9/30/2008	8674	30	402	156	6	-4311	55	2046	2401	-939	226
10/31/2008	8705	31	300	161	6	-4313	51	2053	2525	-966	225
11/30/2008	8735	30	-488	291	101	-1547	37	-45	2541	-872	34
12/31/2008	8766	31	-394	295	100	-1549	35	-193	2618	-904	47
1/31/2009	8797	31	241	161	3	-3028	43	839	2528	-945	200
2/28/2009	8825	28	-1272	722	268	-929	39	64	2326	-799	-288
3/31/2009	8856	31	262	163	5	-2762	41	680	2510	-935	80
4/30/2009	8886	30	416	156	5	-3445	42	1221	2433	-928	143
5/31/2009	8917	31	380	161	5	-3445	48	1163	2505	-955	181
6/30/2009	8947	30	365	156	5	-3450	48	1224	2435	-926	186
7/31/2009	8978	31	487	161	7	-4395	50	1927	2563	-997	237
8/31/2009	9009	31	446	161	7	-4398	49	1980	2561	-1007	242
9/30/2009	9039	30	401	156	7	-4407	44	2148	2441	-982	232
10/31/2009	9070	31	-754	432	162	-1448	32	93	2530	-907	-58
11/30/2009	9100	30	455	156	7	-4401	34	2101	2495	-971	165
12/31/2009	9131	31	-897	525	194	-1344	32	19	2599	-907	-117
1/31/2010	9162	31	-1506	838	326	-924	28	30	2587	-884	-341
2/28/2010	9190	28	-843	505	190	-1172	31	2	2357	-800	-169
3/31/2010	9221	31	466	161	4	-3782	49	1409	2584	-936	93
4/30/2010	9251	30	-227	218	68	-1629	45	-163	2529	-867	77
5/31/2010	9282	31	502	161	4	-3785	48	1240	2621	-932	187
6/30/2010	9312	30	460	156	4	-3801	51	1292	2573	-904	213
7/31/2010	9343	31	495	161	7	-4266	53	1778	2623	-1002	196
8/31/2010	9374	31	483	161	7	-4277	53	1827	2611	-1015	193
9/30/2010	9404	30	462	156	7	-4291	48	1983	2486	-994	185
10/31/2010	9435	31	-235	231	71	-1794	35	14	2559	-918	81
11/30/2010	9465	30	-32	183	38	-2282	32	370	2508	-912	136
12/31/2010	9496	31	-2344	1306	511	-878	35	510	2660	-878	-675
1/31/2011	9527	31	478	161	5	-3363	45	1256	2510	-944	-99
2/28/2011	9555	28	-864	497	196	-955	39	-53	2304	-801	-258
3/31/2011	9586	31	-1795	929	376	-717	40	243	2513	-874	-527
4/30/2011	9616	30	499	156	5	-3361	45	1254	2416	-909	-51
5/31/2011	9647	31	382	168	7	-2448	53	280	2503	-917	26
6/30/2011	9677	30	520	156	5	-3367	58	1048	2460	-905	76
7/31/2011	9708	31	517	161	6	-3630	66	1177	2536	-957	175
8/31/2011	9739	31	500	161	6	-3629	74	1152	2531	-962	216
9/30/2011	9769	30	481	156	6	-3637	68	1299	2368	-934	239
10/31/2011	9800	31	-45	203	32	-1692	57	-257	2435	-899	212
11/30/2011	9830	30	-185	223	60	-1402	47	-449	2467	-870	154
12/31/2011	9861	31	435	161	6	-3628	51	1200	2530	-960	250
1/31/2012	9892	31	30	191	29	-1952	48	-57	2510	-941	187

Flow Budget for Aquifer B in Fillmore Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore A	Piru B	Santa Paula B	Fillmore C
2/29/2012	9921	29	484	151	6	-3826	52	1569	2330	-931	206
3/31/2012	9952	31	-541	344	120	-1161	58	-324	2495	-919	-13
4/30/2012	9982	30	-355	302	98	-1213	57	-374	2408	-890	18
5/31/2012	10013	31	625	161	6	-3808	65	1376	2426	-989	179
6/30/2012	10043	30	527	156	6	-3823	64	1527	2351	-962	194
7/31/2012	10074	31	423	161	7	-3838	61	1514	2386	-902	228
8/31/2012	10105	31	427	161	7	-3845	57	1524	2375	-899	234
9/30/2012	10135	30	378	156	7	-3858	48	1695	2258	-870	225
10/31/2012	10166	31	282	161	7	-3860	43	1681	2365	-856	217
11/30/2012	10196	30	-187	201	47	-1692	35	1	2358	-856	133
12/31/2012	10227	31	-156	237	58	-1478	34	-323	2422	-891	139
1/31/2013	10258	31	-79	204	45	-1279	30	-315	2273	-869	31
2/28/2013	10286	28	421	145	6	-3240	32	1334	2022	-739	53
3/31/2013	10317	31	249	161	5	-2673	39	823	2211	-829	51
4/30/2013	10347	30	368	156	6	-3240	41	1327	2118	-787	46
5/31/2013	10378	31	360	161	6	-3241	43	1310	2169	-813	43
6/30/2013	10408	30	374	156	6	-3251	40	1376	2088	-787	34
7/31/2013	10439	31	406	161	5	-3591	41	1505	2233	-827	103
8/31/2013	10470	31	387	161	5	-3593	40	1538	2220	-835	114
9/30/2013	10500	30	373	156	5	-3603	39	1630	2141	-812	106
10/31/2013	10531	31	345	161	5	-3602	40	1640	2187	-847	107
11/30/2013	10561	30	271	156	5	-3174	38	1356	2113	-831	101
12/31/2013	10592	31	332	161	5	-3608	43	1719	2142	-860	101
1/31/2014	10623	31	416	161	7	-4219	46	2351	2085	-883	73
2/28/2014	10651	28	-650	449	162	-1039	33	297	1912	-819	-267
3/31/2014	10682	31	-260	235	78	-1497	32	405	2083	-916	-112
4/30/2014	10712	30	512	156	7	-4204	37	2348	1986	-860	54
5/31/2014	10743	31	484	161	7	-4213	40	2349	2037	-883	56
6/30/2014	10773	30	519	156	7	-4223	39	2370	1968	-857	56
7/31/2014	10804	31	522	161	7	-4059	40	2070	2064	-911	143
8/31/2014	10835	31	519	161	7	-4054	40	2067	2046	-917	167
9/30/2014	10865	30	529	156	7	-4058	40	2119	1971	-891	163
10/31/2014	10896	31	486	161	7	-4056	41	2146	2011	-925	167
11/30/2014	10926	30	400	156	5	-3464	41	1705	1937	-904	160
12/31/2014	10957	31	-823	530	179	-1031	33	360	1999	-937	-215
1/31/2015	10988	31	-89	215	51	-1267	31	266	1826	-929	-63
2/28/2015	11016	28	285	150	7	-2583	36	1315	1632	-811	5
3/31/2015	11047	31	172	171	9	-2272	43	1018	1792	-899	4
4/30/2015	11077	30	461	156	6	-3498	43	1976	1729	-839	3
5/31/2015	11108	31	260	167	7	-2565	44	1237	1785	-893	-5
6/30/2015	11138	30	513	156	6	-3503	40	1941	1725	-835	-6
7/31/2015	11169	31	-15	201	18	-1794	36	470	1939	-902	85
8/31/2015	11200	31	598	161	8	-3949	37	2002	1924	-857	112
9/30/2015	11230	30	420	156	5	-3418	37	1709	1869	-836	94
10/31/2015	11261	31	527	161	8	-3965	38	2115	1909	-847	91
11/30/2015	11291	30	491	156	8	-3977	38	2219	1840	-816	77
12/31/2015	11322	31	467	161	8	-3978	40	2235	1876	-846	74

Flow Budget for Aquifer C in Fillmore Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet							
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore B	Piru C	Santa Paula C
1/31/1985	31	31	1047	131	7	-220	429	-1410	405	-289
2/28/1985	59	28	1116	118	6	-215	361	-1401	371	-259
3/31/1985	90	31	1304	130	6	-224	375	-1618	416	-286
4/30/1985	120	30	1406	125	0	-310	346	-1612	409	-271
5/31/1985	151	31	1479	129	0	-311	340	-1665	426	-279
6/30/1985	181	30	1405	125	0	-304	314	-1570	413	-270
7/31/1985	212	31	1395	129	0	-266	310	-1598	423	-279
8/31/1985	243	31	1375	129	0	-264	297	-1566	422	-279
9/30/1985	273	30	1280	125	0	-257	276	-1460	412	-269
10/31/1985	304	31	1256	129	0	-259	273	-1443	433	-280
11/30/1985	334	30	514	389	23	-146	251	-1038	416	-286
12/31/1985	365	31	1075	129	0	-213	250	-1271	430	-295
1/31/1986	396	31	594	354	21	-393	244	-893	491	-301
2/28/1986	424	28	-194	708	43	-356	213	-423	445	-282
3/31/1986	455	31	390	410	25	-382	228	-718	489	-316
4/30/1986	485	30	917	126	7	-497	217	-865	489	-296
5/31/1986	516	31	1048	129	0	-644	223	-888	518	-290
6/30/1986	546	30	985	125	0	-633	213	-831	511	-277
7/31/1986	577	31	893	129	0	-385	211	-947	484	-291
8/31/1986	608	31	879	129	0	-389	205	-926	489	-294
9/30/1986	638	30	735	125	5	-307	191	-843	473	-291
10/31/1986	669	31	816	129	0	-392	194	-852	489	-296
11/30/1986	699	30	564	129	9	-241	179	-725	471	-298
12/31/1986	730	31	800	129	0	-392	184	-821	486	-300
1/31/1987	761	31	565	133	9	-180	175	-766	462	-310
2/28/1987	789	28	585	118	6	-207	155	-713	415	-282
3/31/1987	820	31	496	138	12	-169	167	-697	456	-317
4/30/1987	850	30	722	125	0	-321	162	-759	443	-295
5/31/1987	881	31	692	129	0	-317	165	-749	458	-301
6/30/1987	911	30	648	125	0	-312	157	-702	446	-289
7/31/1987	942	31	644	129	0	-335	159	-697	471	-296
8/31/1987	973	31	632	129	0	-335	157	-686	473	-297
9/30/1987	1003	30	606	125	0	-332	150	-650	457	-286
10/31/1987	1034	31	410	133	7	-179	148	-602	466	-309
11/30/1987	1064	30	389	130	9	-175	140	-564	450	-307
12/31/1987	1095	31	-4	326	21	-139	140	-398	464	-328
1/31/1988	1126	31	307	196	16	-598	144	-248	588	-328
2/29/1988	1155	29	274	154	14	-589	133	-178	565	-304
3/31/1988	1186	31	477	129	0	-678	142	-285	598	-317
4/30/1988	1216	30	82	265	21	-576	134	-119	582	-316
5/31/1988	1247	31	558	129	0	-785	141	-274	609	-312
6/30/1988	1277	30	512	125	0	-774	135	-248	607	-296
7/31/1988	1308	31	523	129	0	-770	137	-279	629	-308
8/31/1988	1339	31	531	129	0	-771	135	-284	628	-308
9/30/1988	1369	30	517	125	0	-767	130	-261	611	-296
10/31/1988	1400	31	514	129	0	-769	132	-267	626	-306
11/30/1988	1430	30	371	125	6	-643	123	-222	604	-306
12/31/1988	1461	31	-127	326	20	-584	123	28	614	-331
1/31/1989	1492	31	352	129	0	-440	121	-315	538	-326
2/28/1989	1520	28	22	191	16	-304	105	-154	487	-305
3/31/1989	1551	31	367	129	0	-397	116	-357	534	-336
4/30/1989	1581	30	443	125	0	-468	114	-365	521	-316

Flow Budget for Aquifer C in Fillmore Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet							
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore B	Piru C	Santa Paula C
5/31/1989	1612	31	414	129	0	-466	116	-357	543	-324
6/30/1989	1642	30	408	125	0	-464	111	-344	529	-314
7/31/1989	1673	31	383	129	0	-296	112	-444	495	-326
8/31/1989	1704	31	409	129	0	-298	111	-461	490	-327
9/30/1989	1734	30	404	125	0	-296	107	-446	471	-316
10/31/1989	1765	31	399	129	0	-263	108	-476	481	-328
11/30/1989	1795	30	423	125	0	-295	105	-457	463	-316
12/31/1989	1826	31	420	129	0	-296	108	-462	476	-326
1/31/1990	1857	31	-51	212	18	-118	103	-227	461	-342
2/28/1990	1885	28	27	174	16	-122	92	-232	412	-315
3/31/1990	1916	31	385	129	0	-276	105	-417	459	-336
4/30/1990	1946	30	394	125	0	-267	102	-434	446	-320
5/31/1990	1977	31	381	129	0	-245	104	-448	460	-334
6/30/1990	2007	30	402	125	0	-266	101	-442	446	-320
7/31/1990	2038	31	439	129	0	-484	106	-340	524	-328
8/31/1990	2069	31	409	129	0	-480	105	-313	522	-327
9/30/1990	2099	30	396	125	0	-477	101	-293	506	-315
10/31/1990	2130	31	399	129	0	-477	104	-303	518	-326
11/30/1990	2160	30	389	125	0	-474	100	-283	501	-315
12/31/1990	2191	31	385	129	0	-475	103	-286	513	-325
1/31/1991	2222	31	247	131	7	-383	101	-225	504	-336
2/28/1991	2250	28	-67	182	14	-317	89	1	454	-312
3/31/1991	2281	31	-1741	1113	68	-282	96	787	478	-363
4/30/1991	2311	30	149	125	0	-516	99	58	472	-341
5/31/1991	2342	31	176	129	0	-511	103	-14	502	-344
6/30/1991	2372	30	272	125	0	-508	100	-115	496	-330
7/31/1991	2403	31	261	129	0	-297	99	-277	470	-343
8/31/1991	2434	31	323	129	0	-303	98	-329	466	-343
9/30/1991	2464	30	329	125	0	-302	94	-327	450	-330
10/31/1991	2495	31	308	129	0	-301	96	-326	474	-341
11/30/1991	2525	30	309	125	0	-303	92	-321	470	-332
12/31/1991	2556	31	-400	333	20	-169	90	61	475	-361
1/31/1992	2587	31	45	148	11	-173	90	-169	461	-368
2/29/1992	2616	29	-1624	1061	66	-118	82	615	422	-357
3/31/1992	2647	31	-870	602	37	-129	87	308	448	-393
4/30/1992	2677	30	139	125	0	-324	89	-82	461	-367
5/31/1992	2708	31	170	129	0	-321	92	-158	500	-373
6/30/1992	2738	30	234	125	0	-320	90	-229	497	-359
7/31/1992	2769	31	280	129	0	-299	92	-315	519	-368
8/31/1992	2800	31	319	129	0	-301	92	-356	521	-366
9/30/1992	2830	30	309	125	0	-299	88	-339	505	-352
10/31/1992	2861	31	35	133	9	-165	86	-213	535	-378
11/30/1992	2891	30	299	125	0	-306	85	-334	528	-361
12/31/1992	2922	31	-544	430	26	-145	83	55	546	-390
1/31/1993	2953	31	-1698	1074	65	-141	83	637	537	-409
2/28/1993	2981	28	-1384	903	55	-134	75	515	480	-381
3/31/1993	3012	31	-423	337	21	-163	83	82	541	-424
4/30/1993	3042	30	151	125	0	-384	86	-99	551	-393
5/31/1993	3073	31	200	129	0	-382	90	-188	586	-398
6/30/1993	3103	30	228	125	0	-333	86	-264	578	-385
7/31/1993	3134	31	210	129	0	-255	86	-327	589	-397
8/31/1993	3165	31	280	129	0	-260	86	-388	586	-396

Flow Budget for Aquifer C in Fillmore Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet							
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore B	Piru C	Santa Paula C
9/30/1993	3195	30	314	125	0	-260	83	-410	564	-382
10/31/1993	3226	31	328	129	0	-263	86	-432	581	-393
11/30/1993	3256	30	261	125	0	-188	81	-419	560	-386
12/31/1993	3287	31	182	131	8	-155	82	-385	579	-405
1/31/1994	3318	31	445	129	0	-635	88	-277	679	-395
2/28/1994	3346	28	-587	506	31	-476	78	255	626	-366
3/31/1994	3377	31	19	151	12	-511	86	11	682	-409
4/30/1994	3407	30	307	125	0	-630	87	-136	662	-382
5/31/1994	3438	31	306	129	0	-589	89	-188	677	-390
6/30/1994	3468	30	364	125	0	-625	87	-200	655	-375
7/31/1994	3499	31	309	129	0	-293	87	-383	567	-384
8/31/1994	3530	31	354	129	0	-296	88	-420	560	-383
9/30/1994	3560	30	363	125	0	-293	85	-417	536	-368
10/31/1994	3591	31	238	129	0	-174	85	-410	553	-389
11/30/1994	3621	30	285	125	4	-226	83	-398	538	-379
12/31/1994	3652	31	207	130	6	-177	84	-378	557	-395
1/31/1995	3683	31	-2763	1759	109	-271	84	1136	603	-421
2/28/1995	3711	28	-71	121	11	-334	78	80	537	-382
3/31/1995	3742	31	-1128	760	47	-278	85	446	599	-429
4/30/1995	3772	30	119	125	0	-487	87	-5	597	-401
5/31/1995	3803	31	141	129	6	-418	90	-115	613	-410
6/30/1995	3833	30	281	125	0	-489	89	-189	604	-390
7/31/1995	3864	31	265	129	0	-258	90	-357	560	-398
8/31/1995	3895	31	319	129	0	-261	90	-408	559	-396
9/30/1995	3925	30	339	125	0	-260	87	-422	542	-380
10/31/1995	3956	31	341	129	0	-262	89	-436	561	-392
11/30/1995	3986	30	343	125	0	-260	86	-430	543	-378
12/31/1995	4017	31	152	133	6	-150	86	-361	569	-401
1/31/1996	4048	31	302	129	4	-247	86	-415	572	-399
2/29/1996	4077	29	-751	527	32	-114	78	158	529	-387
3/31/1996	4108	31	40	133	8	-175	84	-206	566	-415
4/30/1996	4138	30	280	125	0	-292	84	-332	551	-386
5/31/1996	4169	31	352	129	0	-339	89	-381	571	-392
6/30/1996	4199	30	367	125	0	-332	87	-395	552	-375
7/31/1996	4230	31	442	129	0	-548	92	-325	619	-379
8/31/1996	4261	31	408	129	0	-543	92	-301	618	-375
9/30/1996	4291	30	414	125	0	-539	90	-295	592	-359
10/31/1996	4322	31	67	136	11	-346	88	-146	610	-387
11/30/1996	4352	30	110	133	9	-358	85	-160	593	-380
12/31/1996	4383	31	-644	477	29	-321	86	226	614	-403
1/31/1997	4414	31	-501	334	20	-122	83	87	554	-412
2/28/1997	4442	28	210	116	0	-273	79	-243	499	-360
3/31/1997	4473	31	236	129	0	-275	87	-312	557	-393
4/30/1997	4503	30	276	125	0	-272	85	-349	541	-378
5/31/1997	4534	31	321	129	0	-275	87	-404	559	-389
6/30/1997	4564	30	329	125	0	-272	84	-405	540	-375
7/31/1997	4595	31	470	129	0	-655	93	-274	641	-376
8/31/1997	4626	31	409	129	0	-646	93	-230	642	-369
9/30/1997	4656	30	372	125	0	-641	90	-195	631	-355
10/31/1997	4687	31	353	129	0	-643	93	-191	653	-367
11/30/1997	4717	30	20	143	10	-444	85	-46	631	-370
12/31/1997	4748	31	-476	343	20	-410	85	230	645	-396

Flow Budget for Aquifer C in Fillmore Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet							
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore B	Piru C	Santa Paula C
1/31/1998	4779	31	-58	168	10	-512	86	71	667	-398
2/28/1998	4807	28	-2095	1247	76	-458	78	1086	606	-373
3/31/1998	4838	31	-390	219	13	-501	86	372	655	-415
4/30/1998	4868	30	4	129	7	-536	85	85	651	-394
5/31/1998	4899	31	-285	277	18	-495	87	159	683	-408
6/30/1998	4929	30	295	125	0	-663	89	-101	662	-380
7/31/1998	4960	31	201	129	0	-281	88	-310	586	-387
8/31/1998	4991	31	250	129	0	-287	89	-356	589	-387
9/30/1998	5021	30	283	125	0	-285	86	-375	566	-373
10/31/1998	5052	31	320	129	0	-288	89	-415	574	-382
11/30/1998	5082	30	266	126	3	-248	85	-394	559	-370
12/31/1998	5113	31	333	129	0	-290	88	-432	578	-380
1/31/1999	5144	31	100	133	8	-141	85	-339	573	-389
2/28/1999	5172	28	210	116	5	-177	77	-375	522	-353
3/31/1999	5203	31	109	134	9	-151	84	-339	579	-395
4/30/1999	5233	30	103	129	8	-149	81	-321	561	-383
5/31/1999	5264	31	323	129	0	-250	85	-452	576	-385
6/30/1999	5294	30	320	125	0	-242	83	-444	552	-369
7/31/1999	5325	31	413	129	0	-608	89	-292	669	-374
8/31/1999	5356	31	357	129	0	-602	89	-251	672	-369
9/30/1999	5386	30	352	125	0	-597	87	-234	646	-354
10/31/1999	5417	31	326	129	0	-598	89	-224	667	-365
11/30/1999	5447	30	289	125	0	-580	86	-195	654	-354
12/31/1999	5478	31	302	129	0	-598	88	-201	670	-365
1/31/2000	5509	31	84	131	5	-167	83	-295	563	-377
2/29/2000	5538	29	-707	436	27	-111	76	186	516	-368
3/31/2000	5569	31	-59	136	8	-152	81	-139	548	-394
4/30/2000	5599	30	24	130	8	-157	79	-210	531	-378
5/31/2000	5630	31	278	129	0	-282	85	-358	550	-377
6/30/2000	5660	30	284	125	0	-273	83	-368	534	-360
7/31/2000	5691	31	331	129	0	-488	87	-284	622	-372
8/31/2000	5722	31	307	129	0	-486	87	-267	624	-369
9/30/2000	5752	30	293	125	0	-482	84	-247	606	-355
10/31/2000	5783	31	141	131	8	-413	85	-178	630	-377
11/30/2000	5813	30	272	125	0	-485	83	-229	615	-358
12/31/2000	5844	31	252	129	0	-484	85	-224	636	-369
1/31/2001	5875	31	-874	530	34	-300	81	357	625	-390
2/28/2001	5903	28	-1144	661	41	-293	73	549	560	-365
3/31/2001	5934	31	-669	421	27	-312	81	303	610	-409
4/30/2001	5964	30	-35	128	10	-356	80	-4	596	-390
5/31/2001	5995	31	202	129	0	-500	86	-127	621	-386
6/30/2001	6025	30	235	125	0	-491	84	-170	607	-367
7/31/2001	6056	31	165	129	0	-213	83	-323	565	-382
8/31/2001	6087	31	223	129	0	-220	83	-366	558	-383
9/30/2001	6117	30	239	125	0	-218	80	-371	536	-368
10/31/2001	6148	31	235	129	0	-220	82	-380	560	-380
11/30/2001	6178	30	-180	194	15	-113	77	-125	545	-383
12/31/2001	6209	31	87	131	7	-150	79	-294	564	-397
1/31/2002	6240	31	271	129	4	-499	83	-223	651	-390
2/28/2002	6268	28	281	116	0	-524	76	-182	597	-343
3/31/2002	6299	31	270	129	0	-527	84	-203	649	-379
4/30/2002	6329	30	276	125	0	-526	81	-196	628	-365

Flow Budget for Aquifer C in Fillmore Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet							
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore B	Piru C	Santa Paula C
5/31/2002	6360	31	273	129	0	-528	84	-201	643	-377
6/30/2002	6390	30	269	125	0	-524	81	-187	622	-363
7/31/2002	6421	31	273	129	0	-466	83	-234	609	-372
8/31/2002	6452	31	277	129	0	-465	83	-235	605	-371
9/30/2002	6482	30	260	125	0	-460	80	-214	588	-357
10/31/2002	6513	31	245	129	0	-462	82	-212	611	-371
11/30/2002	6543	30	-397	288	18	-340	78	170	588	-376
12/31/2002	6574	31	-330	276	18	-349	80	131	601	-396
1/31/2003	6605	31	239	129	0	-620	84	-58	630	-380
2/28/2003	6633	28	-510	349	22	-437	75	316	576	-353
3/31/2003	6664	31	-241	227	16	-460	82	176	628	-397
4/30/2003	6694	30	71	127	9	-504	80	13	611	-380
5/31/2003	6725	31	32	133	10	-483	82	16	629	-392
6/30/2003	6755	30	269	125	0	-611	83	-90	614	-367
7/31/2003	6786	31	211	129	0	-414	83	-194	582	-374
8/31/2003	6817	31	249	129	0	-417	83	-225	578	-374
9/30/2003	6847	30	238	125	0	-414	80	-211	564	-359
10/31/2003	6878	31	225	129	0	-417	82	-214	590	-372
11/30/2003	6908	30	-2	129	13	-298	77	-86	571	-375
12/31/2003	6939	31	17	139	12	-313	79	-99	585	-391
1/31/2004	6970	31	259	129	0	-547	81	-146	625	-379
2/29/2004	6999	29	-834	520	32	-420	75	468	589	-369
3/31/2004	7030	31	105	129	0	-554	82	25	624	-385
4/30/2004	7060	30	172	125	0	-547	80	-50	608	-367
5/31/2004	7091	31	207	129	0	-549	82	-95	626	-378
6/30/2004	7121	30	227	125	0	-545	79	-108	608	-365
7/31/2004	7152	31	207	129	0	-376	80	-211	569	-375
8/31/2004	7183	31	236	129	0	-378	80	-233	564	-375
9/30/2004	7213	30	237	125	0	-374	78	-226	543	-362
10/31/2004	7244	31	-846	526	33	-242	78	346	564	-394
11/30/2004	7274	30	122	125	0	-380	77	-97	547	-371
12/31/2004	7305	31	-1050	646	41	-239	78	444	561	-401
1/31/2005	7336	31	-2561	1518	95	-344	79	1256	584	-420
2/28/2005	7364	28	-1337	775	49	-341	72	744	532	-388
3/31/2005	7395	31	-240	169	14	-378	80	208	606	-426
4/30/2005	7425	30	50	125	0	-483	79	40	611	-399
5/31/2005	7456	31	153	129	0	-534	83	-48	644	-403
6/30/2005	7486	30	216	125	0	-531	82	-108	626	-386
7/31/2005	7517	31	159	129	0	-409	83	-170	629	-397
8/31/2005	7548	31	232	129	0	-416	83	-236	629	-398
9/30/2005	7578	30	273	125	0	-413	80	-256	594	-381
10/31/2005	7609	31	153	130	6	-346	82	-221	623	-401
11/30/2005	7639	30	245	125	0	-407	79	-250	613	-383
12/31/2005	7670	31	245	129	0	-418	81	-252	633	-394
1/31/2006	7701	31	-467	358	24	-172	78	32	604	-413
2/28/2006	7729	28	-411	297	21	-164	70	57	545	-380
3/31/2006	7760	31	-424	336	22	-183	77	33	604	-425
4/30/2006	7790	30	-485	372	23	-177	74	66	585	-412
5/31/2006	7821	31	196	129	6	-312	79	-254	597	-413
6/30/2006	7851	30	335	125	0	-426	80	-285	573	-379
7/31/2006	7882	31	309	129	0	-566	84	-211	672	-394
8/31/2006	7913	31	354	129	0	-567	85	-239	651	-390

Flow Budget for Aquifer C in Fillmore Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet							
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore B	Piru C	Santa Paula C
9/30/2006	7943	30	320	125	0	-560	82	-208	636	-373
10/31/2006	7974	31	318	129	0	-562	84	-218	657	-384
11/30/2006	8004	30	292	125	0	-558	81	-191	644	-371
12/31/2006	8035	31	256	129	0	-526	82	-196	667	-390
1/31/2007	8066	31	98	132	10	-429	80	-121	657	-401
2/28/2007	8094	28	177	119	7	-451	73	-138	596	-359
3/31/2007	8125	31	295	129	0	-531	82	-212	649	-389
4/30/2007	8155	30	243	125	0	-473	78	-199	626	-379
5/31/2007	8186	31	299	129	0	-528	81	-214	641	-386
6/30/2007	8216	30	285	125	0	-521	79	-195	620	-372
7/31/2007	8247	31	242	129	0	-279	79	-323	558	-384
8/31/2007	8278	31	275	129	0	-282	80	-344	548	-384
9/30/2007	8308	30	256	125	0	-277	77	-322	532	-370
10/31/2007	8339	31	245	129	0	-280	79	-322	553	-384
11/30/2007	8369	30	233	125	0	-276	76	-304	538	-372
12/31/2007	8400	31	-226	202	19	-149	77	-44	556	-404
1/31/2008	8431	31	-1578	926	60	-133	76	639	548	-418
2/29/2008	8460	29	-177	133	10	-157	71	30	509	-391
3/31/2008	8491	31	95	129	0	-265	79	-156	544	-403
4/30/2008	8521	30	177	125	0	-257	77	-246	531	-386
5/31/2008	8552	31	201	129	0	-261	80	-280	552	-398
6/30/2008	8582	30	213	125	0	-258	77	-286	535	-384
7/31/2008	8613	31	288	129	0	-440	81	-244	599	-391
8/31/2008	8644	31	271	129	0	-435	81	-235	600	-389
9/30/2008	8674	30	267	125	0	-431	79	-226	580	-374
10/31/2008	8705	31	251	129	0	-434	81	-225	607	-387
11/30/2008	8735	30	-87	151	14	-296	76	-34	595	-392
12/31/2008	8766	31	-69	158	13	-308	78	-47	614	-410
1/31/2009	8797	31	226	129	0	-435	79	-200	626	-402
2/28/2009	8825	28	-644	427	28	-315	71	288	571	-375
3/31/2009	8856	31	95	129	0	-415	78	-80	625	-410
4/30/2009	8886	30	197	125	0	-456	77	-143	608	-387
5/31/2009	8917	31	222	129	0	-457	79	-181	628	-398
6/30/2009	8947	30	233	125	0	-453	77	-186	608	-383
7/31/2009	8978	31	245	129	0	-400	79	-237	599	-393
8/31/2009	9009	31	253	129	0	-400	79	-242	594	-392
9/30/2009	9039	30	252	125	0	-395	77	-232	571	-377
10/31/2009	9070	31	-300	239	23	-250	77	58	592	-408
11/30/2009	9100	30	193	125	0	-401	76	-165	576	-382
12/31/2009	9131	31	-429	310	21	-247	77	117	597	-413
1/31/2010	9162	31	-763	500	31	-280	76	341	567	-413
2/28/2010	9190	28	-392	293	18	-261	69	169	511	-375
3/31/2010	9221	31	159	129	0	-416	78	-93	566	-400
4/30/2010	9251	30	16	132	12	-291	75	-77	554	-395
5/31/2010	9282	31	237	129	0	-413	78	-187	576	-398
6/30/2010	9312	30	254	125	0	-399	76	-213	560	-382
7/31/2010	9343	31	319	129	0	-528	80	-196	604	-387
8/31/2010	9374	31	308	129	0	-521	80	-193	604	-385
9/30/2010	9404	30	303	125	0	-511	78	-185	580	-370
10/31/2010	9435	31	60	134	10	-378	78	-81	600	-398
11/30/2010	9465	30	152	126	10	-399	76	-136	581	-385
12/31/2010	9496	31	-1387	832	51	-333	77	675	601	-414

Flow Budget for Aquifer C in Fillmore Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet							
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore B	Piru C	Santa Paula C
1/31/2011	9527	31	88	129	0	-595	80	99	625	-402
2/28/2011	9555	28	-385	296	21	-434	72	258	576	-371
3/31/2011	9586	31	-935	598	37	-448	79	527	634	-421
4/30/2011	9616	30	130	125	0	-583	78	51	615	-393
5/31/2011	9647	31	144	129	0	-541	81	-26	640	-405
6/30/2011	9677	30	237	125	0	-582	80	-76	624	-386
7/31/2011	9708	31	201	129	0	-406	80	-175	588	-395
8/31/2011	9739	31	250	129	0	-410	80	-216	582	-394
9/30/2011	9769	30	284	125	0	-402	78	-239	554	-378
10/31/2011	9800	31	154	129	7	-302	79	-212	571	-403
11/30/2011	9830	30	85	129	9	-286	75	-154	561	-395
12/31/2011	9861	31	296	129	0	-414	79	-250	577	-396
1/31/2012	9892	31	176	130	5	-364	78	-187	588	-403
2/29/2012	9921	29	305	120	0	-454	75	-206	545	-366
3/31/2012	9952	31	-109	166	14	-313	79	13	584	-407
4/30/2012	9982	30	-37	143	13	-315	76	-18	564	-398
5/31/2012	10013	31	277	129	0	-467	81	-179	576	-394
6/30/2012	10043	30	282	125	0	-451	79	-194	556	-376
7/31/2012	10074	31	269	129	0	-405	81	-228	561	-386
8/31/2012	10105	31	278	129	0	-405	81	-234	557	-385
9/30/2012	10135	30	272	125	0	-396	78	-225	537	-370
10/31/2012	10166	31	251	129	0	-401	80	-217	561	-382
11/30/2012	10196	30	65	128	9	-281	76	-133	545	-384
12/31/2012	10227	31	76	132	9	-287	77	-139	560	-403
1/31/2013	10258	31	159	132	8	-556	80	-31	634	-401
2/28/2013	10286	28	274	116	0	-623	74	-53	578	-347
3/31/2013	10317	31	221	129	0	-603	81	-51	631	-387
4/30/2013	10347	30	251	125	0	-628	79	-46	609	-369
5/31/2013	10378	31	239	129	0	-630	82	-43	624	-380
6/30/2013	10408	30	236	125	0	-622	79	-34	604	-367
7/31/2013	10439	31	204	129	0	-480	79	-103	571	-379
8/31/2013	10470	31	223	129	0	-480	78	-114	565	-380
9/30/2013	10500	30	222	125	0	-472	74	-106	543	-366
10/31/2013	10531	31	221	129	0	-475	76	-107	556	-379
11/30/2013	10561	30	205	125	0	-449	72	-101	536	-367
12/31/2013	10592	31	222	129	0	-471	74	-101	547	-379
1/31/2014	10623	31	209	129	0	-503	75	-73	558	-375
2/28/2014	10651	28	-390	242	17	-326	66	267	506	-356
3/31/2014	10682	31	-100	147	13	-373	73	112	552	-397
4/30/2014	10712	30	223	125	0	-512	74	-54	533	-368
5/31/2014	10743	31	204	129	0	-507	77	-56	549	-376
6/30/2014	10773	30	209	125	0	-502	75	-56	531	-362
7/31/2014	10804	31	151	129	0	-311	75	-143	496	-377
8/31/2014	10835	31	190	129	0	-319	76	-167	489	-377
9/30/2014	10865	30	194	125	0	-316	74	-163	470	-363
10/31/2014	10896	31	195	129	0	-320	77	-167	482	-375
11/30/2014	10926	30	172	125	0	-287	74	-160	462	-367
12/31/2014	10957	31	-469	297	19	-180	75	215	470	-395
1/31/2015	10988	31	68	132	8	-474	77	63	544	-394
2/28/2015	11016	28	186	116	0	-510	71	-5	503	-344
3/31/2015	11047	31	153	129	0	-503	78	-4	551	-383
4/30/2015	11077	30	211	125	0	-563	76	-3	535	-363

Flow Budget for Aquifer C in Fillmore Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet							
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore B	Piru C	Santa Paula C
5/31/2015	11108	31	151	129	0	-513	78	5	551	-381
6/30/2015	11138	30	200	125	0	-561	76	6	535	-362
7/31/2015	11169	31	47	129	0	-230	75	-85	472	-388
8/31/2015	11200	31	238	129	0	-407	77	-112	469	-374
9/30/2015	11230	30	161	125	0	-338	75	-94	454	-363
10/31/2015	11261	31	201	129	0	-396	78	-91	467	-369
11/30/2015	11291	30	186	125	0	-388	76	-77	450	-354
12/31/2015	11322	31	178	129	0	-389	78	-74	462	-365

Flow Budget for Aquifer A in Santa Paula Basin														
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet											
			STORAGE	ET	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore A	Mound L1	Santa Paula B	Mound L2 L3	Oxnard UAS	Net Stream Percolation	
1/31/1985	31	31	-767.669	-304.624	761.267	-97.55	9.296	285.224	0	1188.338	-6.826	-133.471	-999	
2/28/1985	59	28	-324.688	-309.207	718.499	-122.167	-2.066	254.704	0	770.114	-5.636	-114.554	-921	
3/31/1985	90	31	-179.593	-482.616	751.405	-138.698	-5.775	279.698	0	836.732	-5.982	-127.215	-990	
4/30/1985	120	30	773.954	-536.856	753.588	-288.091	-10.857	273.253	0	10.854	-5.056	-127.116	-899	
5/31/1985	151	31	796.715	-568.553	769.44	-287.282	-12.822	283.853	0	-47.992	-4.67	-144.776	-840	
6/30/1985	181	30	758.973	-502.095	758.048	-287.281	-13.005	276.003	0	-135.398	-4.281	-153.671	-750	
7/31/1985	212	31	934.515	-482.598	831.723	-312.747	-14.772	282.658	0	-397.243	-3.823	-175.009	-716	
8/31/1985	243	31	868.286	-421.464	831.803	-311.737	-14.994	282.939	0	-423.491	-3.421	-192.091	-668	
9/30/1985	273	30	682.613	-304.276	818.591	-311.388	-32.569	272.833	0	-502.653	-3.168	-195.646	-473	
10/31/1985	304	31	717.66	-258.004	829.141	-310.623	-27.911	286.467	0	-469.655	-3.229	-202.614	-610	
11/30/1985	334	30	-1566.246	-207.348	1616.857	-36.204	3.152	281.495	0	764.64	-4.832	-204.099	-695	
12/31/1985	365	31	208.955	-195.732	739.825	-235.355	-5.059	294.513	0	74.945	-4.549	-212.834	-716	
1/31/1986	396	31	-1527.827	-239.91	1532.037	-31.313	6.308	295.717	0	888.133	-5.576	-215.208	-755	
2/28/1986	424	28	-2666.1	-279.024	2863.259	-5.257	12.898	271.85	0.314	768.145	-7.564	-193.543	-815	
3/31/1986	455	31	-1634.748	-475.133	1759.161	-22.314	18.626	298.191	0.042	1216.599	-8.083	-187.219	-1017	
4/30/1986	485	30	1.803	-562.17	759.1	-123.7	8.264	289.248	0	709.232	-5.752	-125.01	-1007	
5/31/1986	516	31	1081.732	-643.534	791.892	-261.516	-10.016	292.87	0	-226.586	-4.073	-85.177	-987	
6/30/1986	546	30	1123.071	-577.352	782.754	-261.912	-17.332	280.673	0	-401.406	-3.002	-76.242	-896	
7/31/1986	577	31	832.803	-547.973	809.63	-266.353	-37.192	281.738	0	-270.645	-3.287	-85.338	-757	
8/31/1986	608	31	789.999	-487.682	809.83	-264.875	-23.452	284.402	0	-271.884	-3.596	-88.581	-786	
9/30/1986	638	30	236.587	-375.331	772.826	-177.264	-13.231	277.784	0	107.601	-3.849	-114.105	-752	
10/31/1986	669	31	634.025	-323.047	806.91	-265.082	-14.902	289.551	0	-272.337	-3.815	-144.717	-746	
11/30/1986	699	30	-474.199	-237.598	788.555	-85.436	-7.532	280.503	0	592.187	-3.829	-162.484	-731	
12/31/1986	730	31	559.275	-204.739	792.09	-266.188	-14.889	292.051	0	-258.775	-3.68	-185.99	-748	
1/31/1987	761	31	-491.394	-231.386	876.676	-92.008	-9.474	289.84	0	580.613	-3.388	-204.996	-758	
2/28/1987	789	28	-50.792	-237.474	746.008	-136.475	-8.809	261.68	0	279.951	-2.919	-197.836	-691	
3/31/1987	820	31	-543.781	-378.162	954.366	-75.834	-5.454	288.52	0	691.068	-3.406	-226.944	-745	
4/30/1987	850	30	970.524	-409.052	799.143	-295.682	-14.801	278.734	0	-471.026	-1.782	-217.001	-676	
5/31/1987	881	31	980.19	-410.575	818.15	-294.932	-18.88	285.162	0	-552.168	-0.479	-221.987	-621	
6/30/1987	911	30	847.54	-342.644	808.003	-294.721	-29.804	271.686	0	-632.482	-0.09	-211.432	-451	
7/31/1987	942	31	851.842	-318.783	869.258	-323.863	-48.174	274.144	0	-697.942	-1.072	-204.574	-436	
8/31/1987	973	31	863.936	-285.444	869.399	-323.021	-30	276.831	0	-697.371	-2.108	-193.164	-513	
9/30/1987	1003	30	840.643	-208.946	855.652	-322.95	-21.683	272.119	0	-738.894	-2.211	-199.889	-506	
10/31/1987	1034	31	-345.216	-188.044	825.019	-129.178	-10.238	284.79	0	282.902	-3.149	-227.42	-526	
11/30/1987	1064	30	-140.068	-143.604	761.558	-146.838	-7.16	279.263	0	112.781	-3.214	-234.84	-515	
12/31/1987	1095	31	-1545.38	-145.334	1570.151	-38.905	4.398	290.827	0	633.396	-4.457	-256.283	-558	
1/31/1988	1126	31	-1088.701	-206.175	1182.435	-57.032	5.988	291.264	0	731.524	-5.05	-258.709	-641	
2/29/1988	1155	29	-519.578	-231.045	808.863	-89.149	-2.856	270.972	0	556.743	-3.949	-238.393	-589	
3/31/1988	1186	31	548.096	-339.542	755.398	-242.811	-22.922	287.063	0	-209.199	-2.937	-247.978	-562	
4/30/1988	1216	30	-943.12	-385.79	1334.528	-50.159	-4.366	274.036	0	571.245	-3.349	-220.378	-616	
5/31/1988	1247	31	839.861	-434.968	849.019	-289.47	-27.509	276.052	0	-494.476	-3.026	-201.864	-549	
6/30/1988	1277	30	914.725	-358.539	838.291	-288.459	-39.938	259.989	0	-665.455	-1.945	-174.585	-516	
7/31/1988	1308	31	1030.42	-328.135	899.322	-339.69	-26.409	272.472	0	-815.559	-0.657	-181.979	-542	
8/31/1988	1339	31	959.383	-277.684	901.672	-338.658	-21.521	278.089	0	-831.763	-0.019	-198.966	-502	
9/30/1988	1369	30	907.947	-198.534	888.479	-338.221	-19.294	273.255	0	-873.052	-0.067	-213.238	-457	
10/31/1988	1400	31	839.04	-163.104	904.202	-337.725	-18.519	285.404	0	-854.04	-0.309	-239.523	-446	
11/30/1988	1430	30	-86.922	-118.161	792.043	-163.19	-11.26	277.467	0	-31.729	-1.791	-248.853	-440	
12/31/1988	1461	31	-1468.774	-119.468	1467.817	-41.887	6.069	288.961	0	557.715	-4.464	-277.742	-449	
1/31/1989	1492	31	347.574	-143.011	747.977	-253.878	-4.37	285.854	0	-219.864	-3.064	-280.209	-511	
2/28/1989	1520	28	-1203.341	-149.102	1307.187	-39.23	1.118	255.77	0	504.816	-3.337	-254.607	-457	
3/31/1989	1551	31	0.388	-249.824	712.633	-164.72	-10.521	280.251	0	206.545	-3.614	-270.095	-536	
4/30/1989	1581	30	568.954	-252.075	744.901	-255.659	-19.799	265.916	0	-344.407	-2.104	-248.534	-488	
5/31/1989	1612	31	564.71	-255.622	760.857	-255.375	-29.558	268.32	0	-388.33	-1.6	-258.494	-436	
6/30/1989	1642	30	582.831	-229.274	753.067	-255.196	-25.564	259.012	0	-435.72	-1.337	-258.347	-419	
7/31/1989	1673	31	796.933	-223.62	844.397	-335.648	-24.531	273.602	0	-683.462	-0.069	-274.791	-402	
8/31/1989	1704	31	761.725	-197.792	844.666	-334.403	-23.308	277.664	0	-699.983	0.557	-283.796	-374	
9/30/1989	1734	30	737.695	-145.834	829.159	-333.969	-21.312	270.785	0	-738.629	0.42	-283.618	-342	
10/31/1989	1765	31	681.66	-122.311	837.269	-333.493	-20.263	281.814	0	-716.04	0.148	-301.531	-335	
11/30/1989	1795	30	643.901	-83.364	803.725	-323.203	-18.738	274.686	0	-706.621	-0.388	-298.167	-318	
12/31/1989	1826	31	631.418	-66.488	816.59	-333.074	-18.773	285.106	0	-711.735	-0.428	-313.433	-316	
1/31/1990	1857	31	-884.111	-79.558	1063.091	-77.83	-4.071	285.152	0	320.922	-2.658	-319.025	-333	
2/28/1990	1885	28	-902.87	-92.476	1098.502	-78.545	1.068	257.822	0	307.968	-4.28	-288.466	-327	
3/31/1990	1916	31	846.203	-136.07	922.106	-358.995	-14.722	279.348	0	-913.714	-2.826	-313.968	-336	
4/30/1990	1946	30	969.885	-126.798	912.76	-358.764	-22.098	264.906	0	-1085.545	-0.831	-304.24	-275	
5/31/1990	1977	31	516.199	-132.52	840.484	-269.442	-21.71	272.507	0	-656.549	-1.174	-318.824	-257	
6/30/1990	2007	30	948.567	-120.5	917.926	-359.294	-21.861	262.976	0	-1120.974	-1.05	-312.457	-218	
7/31/1990	2038	31	801.941	-116.539	855.585	-358.493	-23.126	276.444	0	-937.012	-0.529	-325.876	-198	
8/31/1990	2069	31	756.011	-106.43	852.761	-357.276	-21.949	280.738	0	-913.893	-0.434	-329.673	-185	
9/30/1990	2099	30	753.183	-79.097	838.727	-356.792	-20.193	273.772	0	-933.942	-0.41	-323.089	-176	
10/31/1990	2130	31	713.575	-65.237	839.634	-356.23	-19.656	284.502	0	-905.308	0.568	-338.299	-178	
11/30/1990	2160	30	720.274	-44.338	821.07	-355.444	-18.33	276.663	0	-924.96	0.649	-332.089	-167	
12/31/1990	2191	31	692.929	-36.407	828.438	-355.77	-18.458	287.026	0	-903.073	0.346	-346.601	-173	
1/31/1991	2222	31	-258.65	-40.679	748.414	-183.671	-11.646	285.737	0	-43.346	-1.703	-352.042	-171	
2/28/1991	2250	28	-994.179	-41.085	1052.514	-80.997	-1.297	258.152	0	273.399	-4.004	-323.145	-163	
3/31/1991	2281	31	-3532.168	-86.709	3965.445	-5.846	6.669	291.972	1.365	-106.298	-6.837	-349.537	-220	
4/30/1991	2311	30	360.846	-121.969	802.926	-361.688	1.132	275.216	0.308	-481.2	-5.379	-287.612	-213	
5/31/1991	2342	31	542.766	-121.63	826.437	-363.226	-21.393	275.553	0	-673.58				

Flow Budget for Aquifer A in Santa Paula Basin														
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet											
			STORAGE	ET	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore A	Mound L1	Santa Paula B	Mound L2 L3	Oxnard UAS	Net Stream Percolation	
2/29/1992	2616	29	-3100.834	-79.291	3381.551	-8.454	5.149	264.005	0.275	31.977	-6.972	-283.267	-243	
3/31/1992	2647	31	-2427.694	-203.131	2259.715	-18.194	8.713	282.784	0.03	588.831	-8.307	-252.866	-283	
4/30/1992	2677	30	343.863	-234.057	756.016	-285.573	-21.852	252.588	0	-408.582	-5.514	-180.834	-248	
5/31/1992	2708	31	613.054	-207.069	775.752	-288.147	-38.617	245.169	0	-618.165	-2.608	-168.343	-341	
6/30/1992	2738	30	682.898	-171.155	775.104	-289.175	-33.442	233.507	0	-725.01	-1.762	-160.309	-339	
7/31/1992	2769	31	951.119	-158.492	846.393	-321.203	-33.978	258.664	0	-1069.486	2.137	-173.667	-328	
8/31/1992	2800	31	925.079	-135.555	854.452	-320.037	-30.612	271.805	0	-1094.394	3.398	-190.147	-310	
9/30/1992	2830	30	843.068	-96.003	832.707	-319.467	-28.469	267.148	0	-1135.893	2.95	-205.035	-186	
10/31/1992	2861	31	-816.415	-92.097	834.628	-107.228	-46.027	273.633	0	5.386	-1.182	-217.472	138	
11/30/1992	2891	30	573.859	-67.866	817.365	-319.132	-59.793	264.394	0	-1075.451	-0.499	-177.233	20	
12/31/1992	2922	31	-1603.528	-69.199	1714.833	-36.813	-23.643	273.536	0	186.59	-3.254	-156.612	-315	
1/31/1993	2953	31	-2994.583	-134.045	3201.054	-10.598	5.361	277.72	0.206	151.486	-6.036	-155.165	-382	
2/28/1993	2981	28	-2983.183	-208.525	3070.581	-9.868	11.241	254.61	0.71	306.149	-6.534	-138.049	-341	
3/31/1993	3012	31	-1475.049	-393.478	1550.024	-47.533	5.467	277.378	0.117	687.894	-7.751	-148.838	-497	
4/30/1993	3042	30	1061.946	-436.741	823.853	-338.337	-26.21	253.744	0	-806.794	-2.452	-114.223	-447	
5/31/1993	3073	31	1142.246	-411.786	842.691	-340.805	-48.363	249.68	0	-1019.857	3.195	-77.92	-370	
6/30/1993	3103	30	953.914	-328.927	767.381	-285.684	-38.267	239.649	0	-857.371	3.055	-95.374	-388	
7/31/1993	3134	31	935.378	-292.324	857.927	-324.761	-30.11	257.363	0	-927.234	0.346	-121.054	-383	
8/31/1993	3165	31	875.743	-239.89	848.855	-323.675	-27.181	262.214	0	-934.287	-1.342	-139.705	-348	
9/30/1993	3195	30	812.07	-171.777	836.608	-323.204	-27.956	256.894	0	-972.567	-1.394	-135.142	-299	
10/31/1993	3226	31	752.111	-138.848	836.827	-322.811	-29.111	268.639	0	-966.845	-1.371	-119.947	-305	
11/30/1993	3256	30	209.76	-96.331	735.01	-217.913	-25.393	263.303	0	-452.99	-1.947	-105.877	-334	
12/31/1993	3287	31	-521.857	-87.342	812.478	-114.522	-15.714	273.014	0	143.983	-2.97	-116.407	-399	
1/31/1994	3318	31	384.081	-100.992	737.095	-254.833	-21.533	263.866	0	-536.328	-3.588	-124.754	-371	
2/28/1994	3346	28	-1903.253	-119.813	2103.163	-21.235	0.862	242.745	0	158.849	-3.926	-123.14	-374	
3/31/1994	3377	31	-1105.378	-239.967	1098.877	-55.329	4.04	271.316	0	604.541	-5.557	-146.776	-457	
4/30/1994	3407	30	549.422	-260.93	751.01	-264.477	-15.337	252.233	0	-480.061	-4.796	-136.576	-419	
5/31/1994	3438	31	623.08	-253.365	774.072	-265.283	-23.266	252.88	0	-594.864	-3.652	-131.344	-406	
6/30/1994	3468	30	638.498	-215.478	764.276	-265.235	-24.964	242.155	0	-659.218	-2.93	-120.004	-383	
7/31/1994	3499	31	824.941	-200.628	872.771	-330.073	-28.35	255.775	0	-902.199	-3.005	-133.504	-381	
8/31/1994	3530	31	780.886	-174.481	878.219	-329.33	-29.637	260.213	0	-928.007	-3.033	-150.937	-329	
9/30/1994	3560	30	598.68	-123.167	860.869	-328.849	-39.209	251.263	0	-979.732	-2.66	-164.075	-97	
10/31/1994	3591	31	26.613	-104.25	768.698	-225.322	-50.047	262.008	0	-430.247	-2.629	-188.296	-83	
11/30/1994	3621	30	-143.915	-77.2	773.268	-171.725	-39.745	254.385	0	-178.275	-3.28	-197.42	-241	
12/31/1994	3652	31	-112.993	-70.021	761.623	-179.584	-22.866	265.946	0	-130.116	-4.059	-217.135	-318	
1/31/1995	3683	31	-4802.07	-151.331	5655.98	8.173	9.347	281.768	3.345	-582.586	-5.761	-219.669	-277	
2/28/1995	3711	28	-830.227	-231.579	685.059	-96.135	-27.183	248.219	1.385	369.374	-4.728	-161.059	9	
3/31/1995	3742	31	-2651.37	-402.446	2998.781	-3.994	-13.139	268.542	0.636	412.126	-5.873	-145.245	-503	
4/30/1995	3772	30	835.22	-482.043	699.029	-226.726	-17.558	257.565	0.062	-438.771	-2.35	-118.753	-540	
5/31/1995	3803	31	199.385	-513.036	710.194	-132.114	-54.314	255.088	0	54.362	0.001	-93.55	-459	
6/30/1995	3833	30	950.503	-446.293	720.025	-229.922	-40.135	245.167	0	-677.937	0.959	-95.259	-457	
7/31/1995	3864	31	903.377	-395.935	805.919	-311.268	-45.984	254.513	0	-813.347	1.065	-103.446	-323	
8/31/1995	3895	31	826.651	-333.594	802.31	-309.762	-55.621	255.538	0	-846.354	0.457	-110.919	-256	
9/30/1995	3925	30	755.46	-237.557	787.514	-309.278	-56.472	248.29	0	-896.32	0.515	-108.168	-210	
10/31/1995	3956	31	667.426	-196.902	787.376	-308.768	-60.849	257.899	0	-890.671	0.5	-105.331	-177	
11/30/1995	3986	30	674.75	-134.116	766.736	-308.56	-58.176	251.574	0	-911.384	0.523	-93.021	-213	
12/31/1995	4017	31	-707.676	-120.347	988.49	-87.476	-24.903	260.308	0	214.485	-1.502	-98.806	-449	
1/31/1996	4048	31	-196.694	-150.932	724.878	-136.372	-12.984	261.578	0	48.797	-3.168	-107.67	-456	
2/29/1996	4077	29	-2221.731	-195.198	2513.969	-13.184	10.974	251.058	0	226.451	-4.063	-103.888	-507	
3/31/1996	4108	31	-677.623	-349.037	866.459	-70.599	15.118	270.247	0	585.873	-4.925	-91.298	-579	
4/30/1996	4138	30	757.446	-377.63	729.998	-250.787	-6.207	261.252	0	-535.789	-3.539	-78.263	-525	
5/31/1996	4169	31	932.699	-366.835	774.398	-262.346	-16.55	267.977	0	-767.822	-1.89	-83.446	-504	
6/30/1996	4199	30	932.688	-299.491	764.193	-262.699	-20.666	258.312	0	-846.687	-0.394	-96.061	-455	
7/31/1996	4230	31	1503.499	-261.776	918.682	-436.169	-26.511	282.544	0	-1470.794	0.953	-113.588	-422	
8/31/1996	4261	31	1443.504	-201.466	916.441	-434.547	-28.088	293.637	0	-1514.314	1.903	-127.229	-375	
9/30/1996	4291	30	1249.984	-128.246	900.835	-433.636	-37.19	286.909	0	-1561.907	2.305	-135.232	-168	
10/31/1996	4322	31	-675.977	-113.289	930.537	-122.976	-37.559	285.282	0	-47.652	-0.088	-150.439	-96	
11/30/1996	4352	30	-927.226	-97.692	1150.838	-99.617	-26.031	267.29	0	155.08	-2.141	-145.205	-301	
12/31/1996	4383	31	-2045.847	-117.119	2175.557	-35.767	2.78	275.94	0	261.576	-4.011	-147.193	-413	
1/31/1997	4414	31	-2066.2	-190.849	1986.072	-21.981	8.639	275.042	0	575.545	-5.201	-106.616	-500	
2/28/1997	4442	28	577.735	-202.405	697.849	-281.245	-9.923	244.709	0	-486.259	-3.534	-62.543	-503	
3/31/1997	4473	31	658.115	-262.537	729.649	-282.363	-20.325	268.441	0	-577.776	-1.152	-64.231	-476	
4/30/1997	4503	30	723.192	-254.497	728.811	-283.055	-20.465	259.437	0	-655.357	0.195	-61.607	-463	
5/31/1997	4534	31	716.056	-257.374	752.254	-283.474	-22.948	268.111	0	-666.951	0.394	-78.549	-455	
6/30/1997	4564	30	712.164	-219.923	740.868	-283.512	-23.614	260.013	0	-711.987	0.463	-96.46	-404	
7/31/1997	4595	31	1008.555	-201.141	875.5	-365.179	-27.628	266.933	0	-1105.198	-0.252	-120.378	-356	
8/31/1997	4626	31	819.708	-166.622	875.468	-364.187	-45.395	263.386	0	-1157.517	-0.594	-140.721	-108	
9/30/1997	4656	30	819.08	-118.65	861.312	-363.514	-54.661	254.089	0	-1199.758	-0.299	-155.657	-65	
10/31/1997	4687	31	745.439	-95.617	863.701	-363.087	-59.025	263.018	0	-1188.857	-0.118	-176.314	-13	
11/30/1997	4717	30	-756.112	-73.225	1057.414	-93.351	-27.099	257.494	0	74.947	-1.695	-181.212	-282	
12/31/1997	4748	31	-2220.961	-90.831	2354.037	-27.594	5.074	271.193	0	255.404	-3.721	-198.3	-386	
1/31/1998	4779	31	-1377.161	-139.548	1418.769	-60.587	10.392	271.859	0	458.41	-4.795	-179.969	-426	
2/28/1998	4807	28	-5305.748	-228.155	6350.723	7.609	17.61	252.91	3.566	-512.125	-5.632	-136.139	-575	
3/31/1998	4838	31	-1311.341	-440.836	1459.567	-48.477	23.817	275.553	2.5	935.443	-8.023	-120.224	-817	
4/30/1998	4868	30	-315.765	-526.557	850.708	-111.998	2.362	255.733	0.023	575.58	-6.198	-70.335	-688	
5/31/1998	4899	31	-1062.325	-640.659	1553.445	-44.999	5.789	260.045	0	760.82	-6.133	-52.186	-809	
6/30/1998	4929	30												

Flow Budget for Aquifer A in Santa Paula Basin													
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet										
			STORAGE	ET	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore A	Mound L1	Santa Paula B	Mound L2 L3	Oxnard UAS	Net Stream Percolation
3/31/1999	5203	31	-809.536	-330.302	1268.454	-76.726	-0.595	256.426	0	358.571	-3.997	-70.534	-619
4/30/1999	5233	30	-645.634	-405.914	1085.806	-82.576	4.023	249.44	0	433.781	-5.04	-68.325	-594
5/31/1999	5264	31	1102.5	-445.106	821.818	-346.359	-10.751	259.601	0	-764.438	-2.733	-58.907	-584
6/30/1999	5294	30	1170.12	-354.98	807.719	-346.776	-19.176	250.964	0	-939.237	-0.149	-69.661	-525
7/31/1999	5325	31	1047.199	-313.523	816.571	-332.927	-23.757	257.736	0	-879.605	0.843	-94.019	-505
8/31/1999	5356	31	958.22	-264.704	813.111	-331.99	-24.678	258.64	0	-865.068	1.567	-115.801	-455
9/30/1999	5386	30	722.798	-188.373	799.428	-331.425	-36.509	250.474	0	-904.877	1.445	-128.45	-209
10/31/1999	5417	31	738.183	-155.506	808.255	-330.818	-53.821	257.862	0	-903.055	0.872	-137.948	-249
11/30/1999	5447	30	325.699	-107.605	753.61	-238.102	-30.179	251.228	0	-442.085	-0.459	-134.901	-402
12/31/1999	5478	31	755.657	-89.509	800.721	-331.253	-24.571	262.866	0	-844.607	-0.615	-151.201	-402
1/31/2000	5509	31	-438.363	-101.707	900.642	-118.955	-12.408	265.398	0	52.176	-1.12	-164.689	-408
2/29/2000	5538	29	-2248.383	-134.151	2671.128	-25.468	6.782	253.083	0.249	32.379	-3.454	-167.108	-422
3/31/2000	5569	31	-991.008	-247.025	1217.237	-83.007	7.659	268.537	0.049	463.863	-5.603	-160.695	-500
4/30/2000	5599	30	-927.608	-310.805	1351.164	-81.566	-0.051	255.061	0	342.395	-5.333	-114.948	-535
5/31/2000	5630	31	1292.087	-330.73	924.163	-381.893	-19.624	257.923	0	-1155.322	-1.496	-107.979	-504
6/30/2000	5660	30	1356.492	-258.727	916.689	-382.726	-25.353	249.834	0	-1379.004	2.905	-115.674	-389
7/31/2000	5691	31	871.742	-233.556	820.219	-324.299	-24.884	264.224	0	-838.122	1.522	-131.387	-431
8/31/2000	5722	31	800.362	-204.287	818.686	-323.503	-24.335	265.837	0	-805.841	-0.061	-148.891	-403
9/30/2000	5752	30	501.231	-149.106	798.178	-322.944	-40.337	255.754	0	-858.621	-0.294	-157.072	-51
10/31/2000	5783	31	-661.386	-137.859	826.212	-124.886	-58.993	262.464	0	63.654	-1.647	-153.686	-41
11/30/2000	5813	30	602.02	-101.305	780.128	-322.928	-57.309	251.728	0	-781.781	-2.004	-116.498	-276
12/31/2000	5844	31	716.638	-81.092	788.056	-323.244	-35.137	262.429	0	-823.699	-0.97	-117.722	-410
1/31/2001	5875	31	-2006.568	-110.94	2276.409	-16.543	1.933	268.076	0	132.807	-2.529	-141.776	-444
2/28/2001	5903	28	-2464.565	-160.008	2590.869	-10.336	10.519	246.716	0.118	304.202	-4.763	-139.966	-414
3/31/2001	5934	31	-2060.084	-346.293	2219.317	-19.487	8.977	273.023	0.089	488.135	-7.576	-138.804	-464
4/30/2001	5964	30	-231.965	-412.151	828.901	-103.356	-1.538	259.495	0	348.643	-5.694	-105.308	-610
5/31/2001	5995	31	1307.74	-416.891	878.031	-305.879	-21.61	262.241	0	-1071.82	-0.852	-97.425	-562
6/30/2001	6025	30	1361.74	-310.764	869.519	-305.493	-29.802	249.694	0	-1289.52	2.982	-100.83	-473
7/31/2001	6056	31	886.69	-275.679	769.483	-254.897	-29.605	262.09	0	-810.941	2.939	-120.795	-456
8/31/2001	6087	31	811.467	-239.258	769.473	-254.607	-27.575	266.332	0	-782.123	2.129	-138.485	-433
9/30/2001	6117	30	488.284	-176.154	754.045	-254.318	-45.375	256.787	0	-832.25	1.901	-142.42	-75
10/31/2001	6148	31	458.646	-153.538	759.207	-253.574	-71.79	262.401	0	-844.375	1.79	-125.183	-59
11/30/2001	6178	30	-1212.537	-123.109	1388.138	-40.748	-39.382	252.372	0	196.251	-1.151	-91.58	-353
12/31/2001	6209	31	-431.475	-123.023	753.839	-105.761	-19.323	262.098	0	224.276	-2.995	-101.243	-485
1/31/2002	6240	31	-283.046	-145.725	696.127	-110.137	-19.144	261.045	0	181.67	-3.351	-119.845	-485
2/28/2002	6268	28	513.975	-136.897	653.691	-211.273	-24.03	233.215	0	-504.361	-2.382	-120.297	-425
3/31/2002	6299	31	526.979	-189.946	692.826	-210.888	-28.409	257.791	0	-496.065	-1.231	-148.407	-428
4/30/2002	6329	30	547.004	-196.698	688.175	-210.845	-26.921	250.309	0	-530.244	-0.583	-157.158	-387
5/31/2002	6360	31	527.518	-210.332	706.394	-210.871	-27.034	259.728	0	-516.134	-0.324	-174.169	-380
6/30/2002	6390	30	520.305	-189.615	701.261	-210.996	-25.757	252.267	0	-544.98	-0.167	-179.451	-347
7/31/2002	6421	31	1008.152	-179.243	876.638	-343.557	-29.437	256.856	0	-1094.51	-0.801	-195.132	-322
8/31/2002	6452	31	1008.456	-147.803	863.515	-341.518	-30.09	256.446	0	-1128.63	-1.247	-203.931	-298
9/30/2002	6482	30	673.359	-105.272	853.894	-340.244	-45.223	247.948	0	-1179.02	-1.174	-205.587	80
10/31/2002	6513	31	971.656	-84.076	852.28	-339.252	-44.705	258.362	0	-1159.578	-0.928	-219.16	-257
11/30/2002	6543	30	-1510.855	-68.153	1753.687	-37.079	-3.64	261.195	0	114.482	-2.383	-219.649	-315
12/31/2002	6574	31	-1589.971	-82.594	1639.137	-42.547	6.486	276.239	0	369.813	-4.549	-227.558	-371
1/31/2003	6605	31	369.093	-99.33	755.436	-209.865	-10.632	266.742	0	-498.002	-4.922	-218.549	-376
2/28/2003	6633	28	-1525.974	-106.406	1692.582	-22.583	2.317	244.892	0	230.254	-4.39	-202.272	-336
3/31/2003	6664	31	-1485.216	-204.157	1513.585	-28.802	5.517	272.959	0	539.152	-6.638	-218.874	-412
4/30/2003	6694	30	-408.437	-251.385	746.75	-90.455	-5.418	260.115	0	306.51	-6.279	-211.307	-368
5/31/2003	6725	31	-496.466	-291.731	886.725	-75.399	-18.221	264.707	0	304.546	-5.939	-210.902	-384
6/30/2003	6755	30	687.559	-256.932	764.831	-214.177	-30.019	245.21	0	-623.302	-4.764	-194.536	-399
7/31/2003	6786	31	953.184	-230.427	838.671	-255.805	-34.994	242.286	0	-942.728	-1.941	-205.352	-385
8/31/2003	6817	31	943.296	-194.643	841.97	-254.114	-33.554	239.22	0	-987.973	0.022	-213.987	-362
9/30/2003	6847	30	632.097	-137.555	825.661	-252.94	-47.966	229.383	0	-1049.321	0.347	-216.523	-4
10/31/2003	6878	31	801.863	-111.694	827.492	-251.875	-61.799	236.5	0	-1051.022	0.222	-233.427	-178
11/30/2003	6908	30	-683.404	-83.798	1088.782	-61.265	-23.047	242.936	0	65.371	-2.876	-235.152	-328
12/31/2003	6939	31	-505.464	-83.288	849.779	-90.848	-13.565	259.05	0	159.007	-4.597	-253.972	-342
1/31/2004	6970	31	411.656	-95.792	702.08	-194.582	-20.428	259.882	0	-497.746	-2.486	-259.524	-327
2/29/2004	6999	29	-1874.359	-114.139	2216.828	-14.118	2.318	251.574	0	80.918	-3.827	-244.875	-337
3/31/2004	7030	31	52.758	-192.881	775.44	-157.377	-8.207	263.517	0	-131.908	-3.414	-253.684	-370
4/30/2004	7060	30	670.045	-194.352	739.728	-211.145	-23.048	249.087	0	-659.511	0.355	-232.21	-362
5/31/2004	7091	31	700.096	-195.619	766.659	-212.544	-27.968	256.145	0	-732.715	1.216	-235.591	-343
6/30/2004	7121	30	711.567	-168.073	755.974	-213.016	-27.389	248.096	0	-790.404	0.984	-232.564	-307
7/31/2004	7152	31	1109.503	-154.013	866.258	-312.449	-30.544	261.687	0	-1225.199	2.45	-246.263	-293
8/31/2004	7183	31	1067.838	-128.581	873.723	-309.818	-29.66	266.343	0	-1248.531	3.306	-252.923	-263
9/30/2004	7213	30	1050.041	-90.259	853.842	-308.686	-27.023	260.647	0	-1274.617	3.255	-251.488	-236
10/31/2004	7244	31	-1731.22	-93.575	1898.744	-29.576	-10.551	274.562	0	-9.947	-1.561	-271.6	-60
11/30/2004	7274	30	875.691	-73.076	827.336	-308.066	-19.012	265	0	-1049.777	-1.457	-259.291	-280
12/31/2004	7305	31	-1904.093	-71.941	2188.665	-19.591	3.245	279.828	0	70.446	-2.89	-273.353	-312
1/31/2005	7336	31	-3969.874	-154.16	4456.521	7.727	9.432	287.976	0.274	-156.795	-5.843	-261.592	-285
2/28/2005	7364	28	-2964.775	-223.35	3046.349	1.692	14.155	259.282	0.302	480.886	-7.225	-197.271	-441
3/31/2005	7395	31	-1276.652	-400.868	1375.193	-36.825	1.673	277.663	0.021	812.83	-8.81	-174.886	-604
4/30/2005	7425	30	459.519	-448.861	707.706	-166.204	-29.828	256.934	0	-124.182	-4.623	-117.108	-564
5/31/2005	7456	31	955.346	-464.681	763.77	-227.268	-57	257.002	0	-722.782	0.513	-82.455	-451
6/30/2005	7486	30	973.246	-366.76	748.846	-227.469	-87.683	239.997	0	-872.191	2.308	-60.531	-377
7/31/2005	7517	31	764.975	-338.821	806.517	-217.228	-59.884	245.41	0	-788.922	0.131	-69.419	-369
8/31/2005	7548	31	692.957	-296.692	810.764	-217.263	-35.208	247.017	0	-797.654	-1.858	-70.022	-358
9/30/2005	7578	30	527.647	-219.554	7								

Flow Budget for Aquifer A in Santa Paula Basin													
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet										
			STORAGE	ET	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore A	Mound L1	Santa Paula B	Mound L2 L3	Oxnard UAS	Net Stream Percolation
4/30/2006	7790	30	-1224.082	-392.965	1667	-47.318	5.263	269.865	0	287.985	-7.526	-87.289	-505
5/31/2006	7821	31	74.258	-469.02	901.795	-142.908	-12.432	275.244	0	-0.524	-6.661	-51.934	-598
6/30/2006	7851	30	1648.768	-381.979	943.286	-349.021	-29.359	265.298	0	-1563.468	-2.483	-39.565	-517
7/31/2006	7882	31	876.432	-315.756	786.155	-250.968	-32.794	281.804	0	-840.366	-1.056	-58.234	-471
8/31/2006	7913	31	631.341	-272.256	785.223	-249.485	-51.671	282.114	0	-796.413	-2.086	-85.81	-266
9/30/2006	7943	30	567.277	-198.29	769.853	-249.063	-61.408	272.865	0	-829.402	-1.925	-100.229	-194
10/31/2006	7974	31	494.637	-168.624	774.889	-248.346	-69.376	282.131	0	-826.304	-1.933	-99.813	-162
11/30/2006	8004	30	676.56	-115.202	754.375	-248.283	-51.001	275.718	0	-844.836	-1.732	-88.618	-381
12/31/2006	8035	31	255.182	-96.2	719.924	-181.932	-29.57	285.826	0	-455.663	-2.575	-106.562	-414
1/31/2007	8066	31	-772.889	-117.568	995.937	-59.883	-11.7	280.186	0	220.197	-4.281	-124.949	-430
2/28/2007	8094	28	10.053	-122.836	704.287	-137.846	-14.141	255.21	0	-204.204	-3.831	-125.024	-386
3/31/2007	8125	31	599.051	-175.643	756.37	-227.194	-25.388	288.947	0	-688.825	-2.904	-146.467	-403
4/30/2007	8155	30	152.075	-184.385	725.232	-155.724	-24.238	278.919	0	-289.616	-3.162	-149.593	-373
5/31/2007	8186	31	630.098	-199.784	759.008	-227.557	-27.106	290.459	0	-714.311	-2.859	-164.538	-367
6/30/2007	8216	30	660.718	-173.489	753.559	-227.797	-27.572	283.67	0	-789.922	-1.512	-169.835	-331
7/31/2007	8247	31	837.798	-161.864	813.692	-283.611	-29.858	305.118	0	-1004.378	-0.546	-186.437	-313
8/31/2007	8278	31	659.957	-137.614	813.027	-282.307	-35.987	311.654	0	-1028.344	0.016	-198.34	-125
9/30/2007	8308	30	515.271	-102.234	794.717	-279.046	-55.42	301.741	0	-1052.854	-0.388	-199.748	56
10/31/2007	8339	31	480.757	-86.491	807.376	-280.369	-66.587	311.708	0	-1076.745	-0.492	-199.752	88
11/30/2007	8369	30	753.9	-57.128	800.714	-280.668	-50.471	303.493	0	-1087.853	-0.254	-181.289	-222
12/31/2007	8400	31	-1231.04	-53.87	1413.572	-42.467	-9.266	298.722	0	112.362	-2.973	-192.283	-313
1/31/2008	8431	31	-3078.26	-103.392	3456.396	0.444	7.273	291.596	0.011	-90.278	-6.329	-184.825	-328
2/29/2008	8460	29	-1023.654	-147.001	906.698	-59.543	-0.95	267.141	0	459.587	-6.616	-136.465	-289
3/31/2008	8491	31	332.365	-202.471	834.794	-210.553	-30.679	277.493	0	-523.3	-4.837	-96.623	-403
4/30/2008	8521	30	516.416	-206.923	834.772	-212.873	-32.45	264.814	0	-712.228	-2.577	-81.345	-392
5/31/2008	8552	31	561.007	-219.863	833.283	-213.739	-30.915	273.879	0	-743.162	-1.877	-100.615	-382
6/30/2008	8582	30	644.956	-191.326	762.412	-213.407	-28.05	265.902	0	-792.549	-1.551	-125.227	-345
7/31/2008	8613	31	967.282	-171.296	881.009	-282.98	-30.001	283.431	0	-1187.639	-0.866	-155.689	-326
8/31/2008	8644	31	978.906	-136.831	855.612	-281.675	-29.239	289.275	0	-1227.07	-0.483	-179.768	-291
9/30/2008	8674	30	608.55	-94.523	841.555	-280.303	-47.384	279.722	0	-1285.609	-0.377	-190.594	148
10/31/2008	8705	31	524.274	-80.388	891.024	-279.452	-72.084	288.202	0	-1304.25	-0.639	-191.831	203
11/30/2008	8735	30	-664.056	-59.518	1026.996	-62.812	-34.912	275.839	0	-34.918	-3.192	-160.5	-304
12/31/2008	8766	31	-906.46	-60.122	1083.932	-67.508	-10.084	284.907	0	177.149	-5.426	-178.148	-342
1/31/2009	8797	31	64.994	-73.122	659.598	-169.912	-17.205	292.759	0	-256.5	-5.16	-195.187	-325
2/28/2009	8825	28	-1707.706	-87.613	1866.842	-18.447	1.258	263.301	0	171.276	-5.309	-193.83	-318
3/31/2009	8856	31	36.45	-151.65	722.919	-169.026	-8.978	292.457	0	-186.18	-5.702	-220.917	-336
4/30/2009	8886	30	398.958	-153.966	759.883	-213.933	-22.624	287.266	0	-553.572	-4.255	-216.57	-304
5/31/2009	8917	31	393.793	-161.708	808.653	-214.544	-27.565	297.352	0	-588.942	-3.627	-229.355	-298
6/30/2009	8947	30	432.808	-144.851	781.533	-214.749	-27.286	287.711	0	-637.212	-3.124	-228.909	-268
7/31/2009	8978	31	941.132	-135.576	892.611	-286.131	-30.67	305.402	0	-1214.756	-0.254	-242.785	-251
8/31/2009	9009	31	940.1	-115.531	890.34	-285.092	-30.569	310.526	0	-1261.147	1.562	-249.919	-222
9/30/2009	9039	30	697.404	-85.411	871.884	-284.236	-37.774	301.793	0	-1305.157	1.6	-249.672	69
10/31/2009	9070	31	-1190.862	-81.687	1223.593	-55.697	-43.314	295.67	0	-37.175	-2.436	-265.607	136
11/30/2009	9100	30	865.323	-56.387	786.98	-282.378	-42.602	292.977	0	-1147.309	-1.569	-250.72	-187
12/31/2009	9131	31	-1172.314	-48.476	1406.507	-43.416	-8.244	296.996	0	74.768	-3.328	-257.423	-266
1/31/2010	9162	31	-2309.138	-87.55	2483.658	-14.295	5.9	290.814	0	180.969	-6.307	-241.053	-343
2/28/2010	9190	28	-1397.721	-123.799	1459.299	-43.281	6.345	261.562	0	359.482	-6.572	-200.719	-339
3/31/2010	9221	31	572.768	-185.343	750.937	-287.531	-11.344	293.832	0	-591.067	-5.461	-210.128	-353
4/30/2010	9251	30	-444.333	-188.299	802.973	-103.068	-12.625	279.185	0	183.451	-4.846	-204.947	-332
5/31/2010	9282	31	688.37	-202.565	782.75	-287.114	-22.206	289.943	0	-722.671	-3.794	-219.411	-329
6/30/2010	9312	30	787.26	-162.984	752.644	-281.528	-27.917	282.198	0	-854.523	-1.941	-219.588	-297
7/31/2010	9343	31	1066.405	-141.001	827.734	-297.351	-33.796	305.309	0	-1236.43	-2.2	-236.933	-274
8/31/2010	9374	31	1052.727	-117.116	823.706	-295.53	-33.194	314.585	0	-1272.11	-2.338	-247.514	-245
9/30/2010	9404	30	864.003	-80.877	806.092	-294.764	-35.412	307.749	0	-1319.456	-2.021	-249.822	-16
10/31/2010	9435	31	-956.233	-76.9	953.349	-67.318	-46.582	298.63	0	-21.77	-4.342	-266.882	166
11/30/2010	9465	30	-73.195	-58.83	755.252	-149.879	-46.346	283.799	0	-372.928	-4.324	-258.741	-99
12/31/2010	9496	31	-2613.662	-72.066	3049.387	-2.941	-1.193	291.461	0	-88.988	-6.208	-269.088	-323
1/31/2011	9527	31	278.256	-100.126	721.158	-182.592	-11.527	290.844	0	-465.276	-5.847	-236.607	-317
2/28/2011	9555	28	-1162.429	-103.206	1335.287	-24.744	-4.54	259.296	0	189.572	-4.989	-183.34	-325
3/31/2011	9586	31	-1983.284	-219.175	2092.151	-3.633	5.566	286.77	0	386.358	-6.029	-189.595	-410
4/30/2011	9616	30	457.114	-257.444	728.636	-185.065	-9.423	281.501	0	-490.683	-4.753	-163.216	-385
5/31/2011	9647	31	194.729	-254.707	702.398	-134.487	-24.499	286.653	0	-248.215	-4.015	-140.968	-403
6/30/2011	9677	30	620.722	-227.625	726.936	-188.184	-27.228	276.83	0	-695.657	-3.445	-145.06	-361
7/31/2011	9708	31	814.911	-211.739	800.9	-236.763	-30.135	292.115	0	-924.864	-2.397	-164.069	-361
8/31/2011	9739	31	800.302	-181.519	794.701	-235.248	-30.072	295.491	0	-946.888	-1.814	-181.743	-336
9/30/2011	9769	30	544.637	-129.726	769.386	-234.623	-39.468	286.585	0	-990.86	-1.453	-188.849	-38
10/31/2011	9800	31	-401.073	-117.012	741.418	-95.501	-59.186	283.922	0	-169.339	-2.791	-196.595	-9
11/30/2011	9830	30	-169.991	-88.828	726.527	-96.326	-33.63	271.813	0	-125.274	-3.573	-176.248	-329
12/31/2011	9861	31	686.109	-73.239	761.9	-236.202	-30.64	291.09	0	-899.352	-2.808	-185.264	-335
1/31/2012	9892	31	311.845	-74.941	718.904	-169.883	-27.135	292.915	0	-558.23	-2.949	-195.934	-319
2/29/2012	9921	29	735.513	-68.198	757.203	-242.808	-28.441	281.157	0	-988.025	-2.096	-193.48	-272
3/31/2012	9952	31	-766.323	-106.104	1120.779	-59.677	-15.25	296.017	0	30.675	-3.678	-221.142	-297
4/30/2012	9982	30	-699.036	-143.047	953.206	-61.799	-9.424	283.189	0	180.415	-4.139	-224.478	-299
5/31/2012	10013	31	662.985	-159.367	771.744	-241.112	-24.413	300.117	0	-802.302	-3.256	-232.87	-295
6/30/2012	10043	30	747.636	-129.796	763.146	-241.026	-29.871	294.32	0	-940.257	-2.292	-228.513	-255
7/31/2012	10074	31	956.924	-119.821	879.878	-248.45	-32.28	269.592	0	-1244.273	-0.632	-240.602	-240
8/31/2012	10105	31	990.518	-105.468	869.317	-247.643	-31.911	251.727	0	-1280.954	0.354	-244.004	-221
9/30/2012	10135	30	678.596	-79.439	845.448	-246.536	-44.66	240.061	0	-1331.986	0.398	-241.219	161
10/31/2012	10166	31	99.848	-70.506	741.516	-156.093	-63.897	242.032	0	-76			

Flow Budget for Aquifer A in Santa Paula Basin														
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet											
			STORAGE	ET	RECHARGE	Pumping from Wells	OUTSIDE	Fillmore A	Mound L1	Santa Paula B	Mound L2 L3	Oxnard UAS	Net Stream Percolation	
5/31/2013	10378	31	535.787	-97.603	815.557	-165.67	-26.754	212.071	0	-808.049	-2.036	-280.883	-199	
6/30/2013	10408	30	533.233	-92.658	826.624	-165.7	-25.312	203.851	0	-838.938	-1.779	-274.719	-181	
7/31/2013	10439	31	601.477	-94.841	837.68	-172.288	-26.268	216.842	0	-913.777	-2.595	-287.307	-175	
8/31/2013	10470	31	607.247	-90.163	822.517	-171.994	-25.853	221.596	0	-919.753	-3.041	-290.968	-166	
9/30/2013	10500	30	601.213	-69.655	822.827	-172.042	-24.571	215.253	0	-943.947	-2.807	-285.767	-156	
10/31/2013	10531	31	571.274	-60.138	833.392	-171.505	-24.539	224.644	0	-927.881	-2.769	-300.156	-158	
11/30/2013	10561	30	481.693	-42.003	776.838	-158.203	-22.695	221.316	0	-819.264	-2.724	-295.456	-155	
12/31/2013	10592	31	565.958	-34.652	798.577	-170.925	-23.648	229.658	0	-911.824	-2.67	-309.411	-156	
1/31/2014	10623	31	828.861	-38.529	898.789	-210.329	-25.419	230.629	0	-1240.726	-1.185	-312.055	-144	
2/28/2014	10651	28	-1105.505	-39.284	1416.684	-27.709	-3.364	234.319	0	-44.77	-3.077	-287.764	-153	
3/31/2014	10682	31	-536.306	-63.527	814.513	-67.743	-8.163	273.121	0	11.76	-4.001	-320.489	-121	
4/30/2014	10712	30	737.93	-72.302	894.861	-210.996	-21.99	239.724	0	-1132.722	-1.707	-308.063	-141	
5/31/2014	10743	31	845.286	-84.026	906.309	-210.313	-28.269	233.219	0	-1222.735	-0.419	-315.605	-138	
6/30/2014	10773	30	884.688	-81.305	886.569	-210.089	-27.087	222.873	0	-1258.184	-0.068	-306.078	-125	
7/31/2014	10804	31	783.568	-86.196	848.318	-187.792	-25.412	236.482	0	-1137.764	1	-316.628	-130	
8/31/2014	10835	31	735.287	-83.691	856.547	-187.253	-23.679	240.855	0	-1108.925	1.569	-318.332	-127	
9/30/2014	10865	30	743.214	-65.399	827.276	-187.348	-22.396	233.396	0	-1114.825	1.568	-310.43	-119	
10/31/2014	10896	31	708.883	-57.047	835.387	-186.654	-22.429	242.357	0	-1095.457	1.469	-323.821	-117	
11/30/2014	10926	30	234.485	-40.198	750.625	-129.967	-18.605	242.639	0	-627.113	0.104	-318.354	-109	
12/31/2014	10957	31	-1392.118	-33.482	1529.218	-17.667	-1.449	273.736	0	78.584	-3.239	-340.665	-109	
1/31/2015	10988	31	-853.681	-37.82	808.501	-32.413	-1.254	277.529	0	301.092	-4.744	-342.964	-137	
2/28/2015	11016	28	219.294	-37.518	687.701	-112.841	-15.069	229.132	0	-564.671	-2.065	-305.444	-114	
3/31/2015	11047	31	-10.979	-58.925	702.021	-86.778	-21.6	249.089	0	-338.385	-1.002	-334.838	-116	
4/30/2015	11077	30	387.425	-68.374	762.337	-128.345	-24.356	227.082	0	-734.092	-0.305	-320.616	-116	
5/31/2015	11108	31	325.042	-81.812	707.745	-108.092	-24.457	238.548	0	-638.409	0.248	-331.803	-104	
6/30/2015	11138	30	459.704	-80.991	750.58	-129.235	-24.466	222.797	0	-784.424	0.385	-320.329	-109	
7/31/2015	11169	31	289.782	-86.196	661.499	-87.269	-22.134	245.921	0	-589.559	2.632	-330.335	-102	
8/31/2015	11200	31	679.642	-83.691	824.669	-159.479	-25.681	229.228	0	-1055.379	4.326	-329.81	-98	
9/30/2015	11230	30	410.725	-65.399	714.474	-113.835	-23.578	218.786	0	-755.975	4.491	-321.122	-84	
10/31/2015	11261	31	671.084	-57.047	810.233	-157.633	-25.248	217.985	0	-1053.314	4.313	-333.787	-90	
11/30/2015	11291	30	679.733	-40.198	819.617	-156.919	-25.038	203.383	0	-1089.284	4.034	-324.654	-84	
12/31/2015	11322	31	659.528	-33.482	825.36	-155.966	-24.633	209.784	0	-1077.088	3.993	-337.375	-84	

Flow Budget for Aquifer B in Santa Paula Basin

Date	Stress	days in month	influx(+) outflux(-)												
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	Outside	Santa Paula A	Fillmore B	Mound L2-4	Oxnard UAS	Santa Paula C	Mound L5	Oxnard LAS	Mound L6 L7
1/31/1985	31	31	470	63	134	-648	73	-1188	864	-1	0	440	-27	0	-180
2/28/1985	59	28	367	55	134	-885	55	-770	783	-1	0	449	-26	0	-161
3/31/1985	90	31	346	46	125	-907	46	-837	862	-1	0	529	-30	0	-178
4/30/1985	120	30	635	16	95	-2033	89	-11	859	-1	0	552	-27	0	-173
5/31/1985	151	31	550	16	95	-2028	85	48	891	-1	0	556	-29	0	-181
6/30/1985	181	30	516	16	95	-2035	83	135	869	-1	0	529	-29	0	-177
7/31/1985	212	31	498	16	114	-2359	101	397	912	-1	0	539	-31	0	-186
8/31/1985	243	31	483	16	114	-2361	99	423	923	-1	0	525	-31	0	-190
9/30/1985	273	30	469	16	114	-2369	92	503	896	-1	0	497	-31	0	-186
10/31/1985	304	31	452	16	114	-2359	98	470	938	-1	0	500	-32	-1	-194
11/30/1985	334	30	-933	364	636	-212	59	-765	859	-1	0	211	-38	-1	-185
12/31/1985	365	31	584	16	88	-1840	78	-75	933	-1	0	443	-35	-1	-189
1/31/1986	396	31	-739	337	567	-219	55	-888	889	-1	0	232	-41	-1	-192
2/28/1986	424	28	-1940	769	1296	-27	147	-768	787	-1	0	-60	-40	-1	-169
3/31/1986	455	31	-650	430	710	-166	138	-1217	868	-2	0	102	-42	-1	-182
4/30/1986	485	30	508	49	150	-1047	96	-709	857	-2	0	318	-37	0	-178
5/31/1986	516	31	796	16	101	-2324	120	227	898	-2	0	403	-36	0	-197
6/30/1986	546	30	661	16	101	-2328	108	401	873	-2	0	407	-35	0	-200
7/31/1986	577	31	511	16	100	-2037	79	271	888	-2	0	417	-39	0	-204
8/31/1986	608	31	491	16	100	-2039	89	272	898	-2	0	415	-39	0	-203
9/30/1986	638	30	259	33	115	-1385	65	-108	873	-2	0	384	-39	0	-196
10/31/1986	669	31	482	16	100	-2040	81	272	914	-2	0	413	-39	0	-201
11/30/1986	699	30	16	77	155	-648	24	-592	862	-2	0	341	-39	0	-194
12/31/1986	730	31	500	16	100	-2040	78	259	918	-2	0	407	-39	0	-200
1/31/1987	761	31	-76	93	203	-630	22	-581	885	-2	0	324	-40	-1	-198
2/28/1987	789	28	178	53	145	-1041	41	-280	807	-2	0	310	-36	0	-177
3/31/1987	820	31	-101	125	239	-517	25	-691	876	-2	0	285	-40	-1	-196
4/30/1987	850	30	616	16	99	-2300	90	471	868	-2	0	365	-35	-1	-189
5/31/1987	881	31	511	16	99	-2297	86	552	895	-2	0	371	-35	-1	-198
6/30/1987	911	30	487	16	99	-2304	82	632	861	-2	0	355	-34	-1	-194
7/31/1987	942	31	422	16	118	-2361	97	698	890	-2	0	365	-38	-1	-208
8/31/1987	973	31	415	16	118	-2364	105	697	901	-2	0	361	-38	-1	-212
9/30/1987	1003	30	404	16	118	-2370	103	739	884	-2	0	351	-37	-1	-209
10/31/1987	1034	31	-38	72	177	-886	36	-283	897	-2	0	283	-42	-1	-216
11/30/1987	1064	30	263	46	134	-1296	38	-113	877	-2	0	300	-40	-1	-208
12/31/1987	1095	31	-820	339	604	-211	54	-633	885	-2	0	51	-44	-1	-212
1/31/1988	1126	31	-257	203	344	-377	53	-732	877	-2	0	154	-45	-1	-212
2/29/1988	1155	29	99	99	192	-658	36	-557	816	-2	0	217	-41	-1	-201
3/31/1988	1186	31	489	16	88	-1818	73	209	874	-2	0	333	-42	-1	-220
4/30/1988	1216	30	-494	254	421	-322	46	-571	828	-2	0	98	-42	-1	-210
5/31/1988	1247	31	597	16	105	-2215	103	494	846	-2	0	316	-42	-1	-221
6/30/1988	1277	30	473	16	105	-2221	99	665	811	-2	0	310	-39	-1	-218
7/31/1988	1308	31	461	16	120	-2442	105	816	870	-2	0	314	-38	-1	-222
8/31/1988	1339	31	434	16	120	-2443	103	832	882	-2	0	318	-38	-1	-223
9/30/1988	1369	30	422	16	120	-2448	100	873	864	-2	0	308	-37	-1	-217
10/31/1988	1400	31	408	16	120	-2445	96	854	900	-2	0	316	-39	-1	-226
11/30/1988	1430	30	91	41	119	-1206	40	32	866	-2	0	281	-40	-1	-221
12/31/1988	1461	31	-701	321	548	-275	61	-558	879	-2	0	2	-44	-1	-226
1/31/1989	1492	31	520	16	87	-1814	82	220	877	-2	0	287	-42	-1	-229
2/28/1989	1520	28	-583	267	444	-227	42	-505	781	-2	0	38	-40	-1	-207
3/31/1989	1551	31	362	28	70	-1181	51	-207	866	-2	0	288	-44	-1	-230
4/30/1989	1581	30	454	16	87	-1819	66	344	827	-2	0	293	-40	-1	-226
5/31/1989	1612	31	391	16	87	-1816	62	388	844	-2	0	308	-41	-1	-236
6/30/1989	1642	30	375	16	87	-1821	65	436	818	-2	0	297	-40	-1	-231
7/31/1989	1673	31	398	16	116	-2185	83	683	864	-2	0	300	-38	-1	-237
8/31/1989	1704	31	380	16	116	-2187	83	700	872	-2	0	298	-39	-1	-237
9/30/1989	1734	30	373	16	116	-2192	82	739	850	-1	0	286	-38	-1	-231
10/31/1989	1765	31	364	16	116	-2189	79	716	885	-1	0	294	-40	-1	-240
11/30/1989	1795	30	370	16	114	-2158	78	707	863	-1	0	286	-39	-1	-235
12/31/1989	1826	31	369	16	116	-2191	76	712	896	-1	0	293	-40	-1	-244
1/31/1990	1857	31	-311	183	297	-578	23	-321	887	-1	0	113	-44	-1	-245
2/28/1990	1885	28	-289	178	321	-550	35	-308	798	-1	0	77	-41	-1	-220
3/31/1990	1916	31	695	16	114	-2692	90	914	878	-1	0	276	-40	-1	-247
4/30/1990	1946	30	555	16	114	-2696	83	1086	845	-1	0	282	-38	-1	-244
5/31/1990	1977	31	356	19	90	-2037	54	657	873	-1	0	289	-41	-1	-255
6/30/1990	2007	30	533	16	114	-2696	80	1121	846	-1	0	277	-38	-1	-249
7/31/1990	2038	31	351	16	115	-2388	85	937	903	-1	0	278	-39	-1	-255
8/31/1990	2069	31	368	16	115	-2390	84	914	911	-1	0	278	-39	-1	-254
9/30/1990	2099	30	377	16	115	-2395	84	934	888	-1	0	267	-38	-1	-246
10/31/1990	2130	31	375	16	115	-2393	82	905	923	-1	0	273	-39	-1	-255

Flow Budget for Aquifer B in Santa Paula Basin

Date	Stress	days in month	influx(+) outflux(-)												
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	Outside	Santa Paula A	Fillmore B	Mound L2-4	Oxnard UAS	Santa Paula C	Mound L5	Oxnard LAS	Mound L6 L7
11/30/1990	2160	30	385	16	115	-2396	82	925	900	-1	0	263	-38	-1	-248
12/31/1990	2191	31	377	16	115	-2395	79	903	934	-1	0	270	-39	-1	-257
1/31/1991	2222	31	35	48	136	-1102	19	43	912	-1	0	220	-42	-1	-263
2/28/1991	2250	28	-384	193	323	-457	23	-273	816	-1	0	37	-39	-1	-235
3/31/1991	2281	31	-3274	1110	1962	-21	180	106	879	-1	0	-641	-43	-1	-250
4/30/1991	2311	30	970	16	99	-2302	146	481	860	-1	0	5	-32	-1	-239
5/31/1991	2342	31	693	16	99	-2294	102	674	877	-1	0	123	-31	-1	-253
6/30/1991	2372	30	561	16	99	-2295	83	787	847	-1	0	187	-31	-1	-248
7/31/1991	2403	31	473	16	112	-2284	77	810	869	-1	0	217	-34	-1	-252
8/31/1991	2434	31	442	16	112	-2283	76	829	870	-1	0	229	-37	-1	-250
9/30/1991	2464	30	423	16	112	-2286	75	870	844	-1	0	228	-37	-1	-242
10/31/1991	2495	31	384	16	112	-2283	67	881	870	-1	0	247	-38	-1	-251
11/30/1991	2525	30	381	16	112	-2286	70	911	841	-1	0	240	-37	-1	-244
12/31/1991	2556	31	-913	356	575	-265	54	-249	872	-1	0	-131	-42	-1	-251
1/31/1992	2587	31	-190	155	278	-486	41	-436	874	-1	0	59	-43	-1	-248
2/29/1992	2616	29	-2667	994	1628	-39	167	-32	800	-1	0	-576	-41	-1	-227
3/31/1992	2647	31	-1215	576	973	-118	170	-589	855	-1	0	-358	-42	-1	-235
4/30/1992	2677	30	976	16	85	-2201	137	409	798	-1	0	47	-35	-1	-226
5/31/1992	2708	31	718	16	85	-2193	98	618	810	-1	0	127	-36	-1	-239
6/30/1992	2738	30	593	16	85	-2193	85	725	782	-1	0	182	-35	-1	-233
7/31/1992	2769	31	552	16	100	-2676	106	1069	877	-1	0	214	-30	-1	-225
8/31/1992	2800	31	501	16	100	-2677	99	1094	890	-1	0	231	-30	-1	-222
9/30/1992	2830	30	481	16	100	-2680	95	1136	869	-1	0	228	-29	-1	-213
10/31/1992	2861	31	-135	77	157	-867	14	-5	865	0	0	170	-38	-1	-232
11/30/1992	2891	30	533	16	100	-2680	96	1075	861	0	0	244	-31	0	-212
12/31/1992	2922	31	-1096	418	655	-259	68	-187	846	0	0	-169	-40	-1	-230
1/31/1993	2953	31	-2394	936	1489	-84	186	-151	835	-1	0	-538	-42	-1	-225
2/28/1993	2981	28	-2133	896	1446	-105	212	-306	752	-1	0	-519	-38	0	-198
3/31/1993	3012	31	-393	356	620	-381	156	-688	833	-1	0	-237	-38	0	-214
4/30/1993	3042	30	1113	16	93	-2822	150	807	794	-1	0	63	-22	0	-186
5/31/1993	3073	31	844	16	93	-2813	118	1020	806	-1	0	135	-22	0	-192
6/30/1993	3103	30	621	16	81	-2409	97	857	783	-1	0	172	-24	0	-189
7/31/1993	3134	31	518	16	109	-2461	104	927	823	0	0	202	-30	0	-206
8/31/1993	3165	31	487	16	109	-2461	100	934	830	0	0	223	-30	0	-206
9/30/1993	3195	30	465	16	109	-2464	96	973	811	0	0	225	-28	0	-200
10/31/1993	3226	31	431	16	109	-2460	92	967	845	0	0	239	-29	0	-207
11/30/1993	3256	30	210	24	84	-1658	58	453	830	0	0	237	-29	0	-204
12/31/1993	3287	31	-109	76	169	-810	31	-144	855	0	0	184	-33	0	-214
1/31/1994	3318	31	428	16	82	-2010	74	536	848	0	0	271	-31	0	-210
2/28/1994	3346	28	-1520	542	916	-113	89	-159	757	0	0	-275	-31	0	-191
3/31/1994	3377	31	-171	179	297	-377	76	-605	842	0	0	4	-34	0	-206
4/30/1994	3407	30	587	16	85	-2043	101	480	805	0	0	198	-28	0	-195
5/31/1994	3438	31	428	16	85	-2039	82	595	829	0	0	239	-27	0	-204
6/30/1994	3468	30	385	16	85	-2041	77	659	800	0	0	247	-25	0	-197
7/31/1994	3499	31	401	16	114	-2383	98	902	841	0	0	255	-27	0	-214
8/31/1994	3530	31	378	16	114	-2384	97	928	848	0	0	255	-27	0	-220
9/30/1994	3560	30	367	16	114	-2388	92	980	818	0	0	247	-26	0	-216
10/31/1994	3591	31	156	22	84	-1584	46	430	851	0	0	257	-27	0	-227
11/30/1994	3621	30	13	43	119	-1193	51	178	818	0	0	226	-29	0	-220
12/31/1994	3652	31	103	35	117	-1259	49	130	855	0	0	231	-30	0	-225
1/31/1995	3683	31	-5133	1757	2939	0	293	583	826	-1	0	-986	-22	-1	-218
2/28/1995	3711	28	635	59	148	-1058	152	-369	773	-1	0	-146	-3	0	-184
3/31/1995	3742	31	-2009	843	1399	-83	197	-412	807	-1	0	-509	-10	0	-213
4/30/1995	3772	30	1073	16	79	-2442	178	439	834	-1	0	14	2	0	-185
5/31/1995	3803	31	493	37	103	-1340	91	-54	822	-1	0	63	-5	0	-202
6/30/1995	3833	30	736	16	79	-2398	130	678	815	-1	0	148	-5	0	-191
7/31/1995	3864	31	560	16	94	-2386	115	813	829	-1	0	179	-13	0	-204
8/31/1995	3895	31	498	16	94	-2386	111	846	830	-1	0	213	-17	0	-202
9/30/1995	3925	30	456	16	94	-2389	110	896	807	0	0	226	-18	0	-194
10/31/1995	3956	31	426	16	94	-2386	107	891	837	0	0	240	-21	0	-200
11/30/1995	3986	30	423	16	94	-2389	107	911	815	0	0	240	-20	0	-193
12/31/1995	4017	31	-345	137	268	-582	53	-214	820	0	0	103	-28	0	-208
1/31/1996	4048	31	148	42	120	-1158	75	-49	840	0	0	222	-29	0	-204
2/29/1996	4077	29	-1793	704	1147	-104	135	-226	763	0	0	-395	-30	0	-188
3/31/1996	4108	31	189	125	203	-649	105	-586	833	-1	0	8	-30	0	-193
4/30/1996	4138	30	611	16	87	-2193	131	536	840	-1	0	189	-25	0	-184
5/31/1996	4169	31	537	16	92	-2409	109	768	867	-1	0	236	-21	0	-190
6/30/1996	4199	30	484	16	92	-2411	98	847	842	0	0	240	-19	0	-184
7/31/1996	4230	31	611	16	124	-3295	136	1471	894	0	0	258	-18	0	-194
8/31/1996	4261	31	560	16	124	-3296	134	1514	908	0	0	259	-18	0	-198

Flow Budget for Aquifer B in Santa Paula Basin

Date	Stress	days in month	influx(+) outflux(-)												
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	Outside	Santa Paula A	Fillmore B	Mound L2-4	Oxnard UAS	Santa Paula C	Mound L5	Oxnard LAS	Mound L6 L7
9/30/1996	4291	30	549	16	124	-3300	129	1562	885	0	0	250	-18	0	-194
10/31/1996	4322	31	-314	124	259	-865	20	48	866	0	0	102	-25	0	-209
11/30/1996	4352	30	-360	176	323	-682	50	-155	825	0	0	56	-29	0	-202
12/31/1996	4383	31	-1429	576	973	-223	111	-262	840	-1	0	-334	-33	0	-203
1/31/1997	4414	31	-1100	522	866	-139	134	-576	832	-1	0	-295	-34	0	-196
2/28/1997	4442	28	771	15	80	-2179	127	486	784	-1	0	103	-22	0	-160
3/31/1997	4473	31	541	16	80	-2167	102	578	867	-1	0	192	-22	0	-181
4/30/1997	4503	30	470	16	80	-2168	85	655	844	-1	0	220	-20	0	-176
5/31/1997	4534	31	419	16	80	-2164	77	667	872	0	0	243	-20	0	-183
6/30/1997	4564	30	402	16	80	-2166	75	712	846	0	0	237	-20	0	-176
7/31/1997	4595	31	454	16	110	-2712	111	1105	882	0	0	248	-22	0	-188
8/31/1997	4626	31	421	16	110	-2713	103	1158	875	0	0	247	-22	0	-190
9/30/1997	4656	30	412	16	110	-2717	104	1200	849	0	0	238	-22	0	-185
10/31/1997	4687	31	388	16	110	-2715	106	1189	879	0	0	247	-23	0	-192
11/30/1997	4717	30	-453	176	316	-630	37	-75	824	0	0	30	-28	0	-193
12/31/1997	4748	31	-1550	586	988	-153	113	-255	841	0	0	-324	-33	0	-196
1/31/1998	4779	31	-450	288	488	-503	112	-458	864	-1	0	-113	-33	0	-191
2/28/1998	4807	28	-5325	1918	3171	-28	329	512	724	-1	0	-1014	-23	0	-175
3/31/1998	4838	31	1	333	528	-455	227	-935	829	-1	0	-310	-12	0	-193
4/30/1998	4868	30	568	98	189	-949	142	-576	807	-1	0	-77	-10	0	-187
5/31/1998	4899	31	-302	354	519	-347	123	-761	796	-1	0	-165	-15	0	-198
6/30/1998	4929	30	1105	16	91	-3060	197	871	868	-1	0	104	-7	0	-177
7/31/1998	4960	31	624	16	91	-2127	106	527	832	-1	0	146	-15	0	-195
8/31/1998	4991	31	545	16	91	-2126	114	559	838	-1	0	180	-19	0	-194
9/30/1998	5021	30	453	16	85	-1992	96	533	812	-1	0	210	-20	0	-187
10/31/1998	5052	31	439	16	91	-2123	97	629	839	-1	0	234	-23	0	-194
11/30/1998	5082	30	191	33	115	-1389	71	205	793	-1	0	204	-27	0	-190
12/31/1998	5113	31	393	16	86	-2009	103	553	837	-1	0	246	-27	0	-194
1/31/1999	5144	31	-235	141	253	-606	55	-279	795	-1	0	106	-28	0	-196
2/28/1999	5172	28	196	47	119	-1207	79	34	741	-1	0	196	-22	0	-178
3/31/1999	5203	31	-409	209	367	-486	64	-359	807	-1	0	33	-28	0	-196
4/30/1999	5233	30	-176	153	274	-533	66	-434	783	-1	0	86	-27	0	-187
5/31/1999	5264	31	664	16	104	-2570	140	764	845	-1	0	253	-21	0	-190
6/30/1999	5294	30	524	16	104	-2573	123	939	823	-1	0	252	-19	0	-184
7/31/1999	5325	31	395	16	104	-2378	96	880	844	-1	0	255	-19	0	-188
8/31/1999	5356	31	408	16	104	-2379	96	865	849	-1	0	255	-20	0	-189
9/30/1999	5386	30	407	16	104	-2383	91	905	822	-1	0	247	-20	0	-184
10/31/1999	5417	31	382	16	104	-2381	89	903	847	-1	0	257	-22	0	-191
11/30/1999	5447	30	159	27	89	-1635	72	442	818	-1	0	247	-25	0	-187
12/31/1999	5478	31	416	16	104	-2381	98	845	864	-1	0	258	-24	0	-192
1/31/2000	5509	31	-134	98	197	-929	40	-52	854	-1	0	161	-28	0	-199
2/29/2000	5538	29	-1998	722	1269	-166	108	-32	780	-1	0	-461	-31	0	-182
3/31/2000	5569	31	-71	190	336	-639	98	-464	842	-1	0	-66	-32	0	-190
4/30/2000	5599	30	-292	212	405	-597	76	-342	804	-1	0	-43	-31	0	-187
5/31/2000	5630	31	920	16	116	-3197	153	1155	874	-1	0	184	-22	0	-193
6/30/2000	5660	30	704	16	116	-3198	138	1379	855	-1	0	208	-20	0	-194
7/31/2000	5691	31	397	16	103	-2275	81	838	853	-1	0	220	-24	0	-202
8/31/2000	5722	31	410	16	103	-2276	84	806	855	-1	0	236	-25	0	-203
9/30/2000	5752	30	392	16	103	-2279	79	859	825	-1	0	235	-24	0	-197
10/31/2000	5783	31	-150	70	167	-787	12	-64	835	-1	0	164	-31	0	-210
11/30/2000	5813	30	462	16	103	-2279	97	782	813	-1	0	238	-26	0	-199
12/31/2000	5844	31	376	16	103	-2276	99	824	849	-1	0	248	-26	0	-206
1/31/2001	5875	31	-1612	619	995	-187	103	-133	836	-1	0	-365	-34	0	-203
2/28/2001	5903	28	-1671	715	1149	-152	174	-304	749	-1	0	-436	-34	0	-175
3/31/2001	5934	31	-1252	582	1038	-208	161	-488	827	-1	0	-416	-39	0	-189
4/30/2001	5964	30	481	79	165	-1060	114	-349	809	-1	0	-13	-31	0	-188
5/31/2001	5995	31	960	16	111	-3088	167	1072	863	-1	0	126	-19	0	-203
6/30/2001	6025	30	730	16	111	-3090	149	1290	838	-1	0	178	-15	0	-201
7/31/2001	6056	31	449	16	89	-2306	95	811	871	-1	0	204	-17	0	-205
8/31/2001	6087	31	456	16	89	-2305	92	782	878	-1	0	221	-18	0	-203
9/30/2001	6117	30	436	16	89	-2308	83	832	847	-1	0	225	-17	0	-196
10/31/2001	6148	31	394	16	89	-2305	81	844	868	-1	0	241	-19	0	-203
11/30/2001	6178	30	-745	265	465	-336	45	-196	798	-1	0	-65	-30	0	-196
12/31/2001	6209	31	87	59	152	-902	60	-224	843	-1	0	163	-30	0	-200
1/31/2002	6240	31	116	40	92	-959	52	-182	852	-1	0	228	-31	0	-200
2/28/2002	6268	28	392	15	79	-1895	87	504	791	-1	0	233	-21	0	-178
3/31/2002	6299	31	312	16	79	-1886	76	496	874	-1	0	260	-22	0	-198
4/30/2002	6329	30	310	16	79	-1889	74	530	850	-1	0	249	-20	0	-191
5/31/2002	6360	31	295	16	79	-1886	70	516	879	-1	0	256	-21	0	-197
6/30/2002	6390	30	297	16	79	-1890	70	545	855	0	0	246	-20	0	-191

Flow Budget for Aquifer B in Santa Paula Basin

Date	Stress	days in month	influx(+) outflux(-)												
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	Outside	Santa Paula A	Fillmore B	Mound L2-4	Oxnard UAS	Santa Paula C	Mound L5	Oxnard LAS	Mound L6 L7
7/31/2002	6421	31	415	16	121	-2654	117	1095	880	0	0	246	-24	0	-205
8/31/2002	6452	31	381	16	121	-2657	114	1129	890	0	0	245	-25	0	-209
9/30/2002	6482	30	371	16	121	-2662	107	1179	865	0	0	237	-24	0	-205
10/31/2002	6513	31	354	16	121	-2660	111	1160	901	0	0	243	-25	0	-214
11/30/2002	6543	30	-1143	399	709	-270	58	-114	842	0	0	-240	-32	0	-200
12/31/2002	6574	31	-808	343	626	-298	81	-370	870	-1	0	-201	-36	-1	-201
1/31/2003	6605	31	646	16	83	-2218	126	498	914	-1	0	187	-34	0	-210
2/28/2003	6633	28	-1028	410	691	-210	65	-230	778	-1	0	-247	-33	0	-187
3/31/2003	6664	31	-556	310	498	-278	80	-539	857	-1	0	-129	-38	-1	-202
4/30/2003	6694	30	252	59	131	-905	54	-307	838	-1	0	124	-34	0	-203
5/31/2003	6725	31	-40	93	213	-711	41	-305	859	-1	0	104	-35	0	-213
6/30/2003	6755	30	568	16	83	-2216	109	623	852	-1	0	215	-30	0	-212
7/31/2003	6786	31	464	16	113	-2446	106	943	829	-1	0	224	-25	0	-218
8/31/2003	6817	31	408	16	113	-2448	106	988	833	-1	0	232	-24	0	-218
9/30/2003	6847	30	385	16	113	-2452	100	1049	804	-1	0	227	-24	0	-212
10/31/2003	6878	31	354	16	113	-2450	101	1051	831	-1	0	235	-25	0	-220
11/30/2003	6908	30	-482	117	278	-509	21	-65	812	-1	0	75	-32	-1	-211
12/31/2003	6939	31	-95	92	213	-788	38	-159	847	-1	0	108	-34	-1	-216
1/31/2004	6970	31	410	16	82	-1959	82	498	878	-1	0	243	-27	-1	-215
2/29/2004	6999	29	-1605	577	1003	-125	78	-81	792	-1	0	-396	-33	-1	-194
3/31/2004	7030	31	436	31	94	-1514	103	132	871	-1	0	85	-29	-1	-202
4/30/2004	7060	30	560	16	89	-2217	90	660	843	-1	0	191	-24	0	-201
5/31/2004	7091	31	447	16	89	-2212	79	733	871	-1	0	220	-25	0	-211
6/30/2004	7121	30	405	16	89	-2214	78	790	846	-1	0	227	-24	0	-205
7/31/2004	7152	31	447	16	120	-2815	110	1225	903	-1	0	229	-21	0	-209
8/31/2004	7183	31	418	16	120	-2818	109	1249	914	-1	0	228	-21	-1	-210
9/30/2004	7213	30	414	16	120	-2823	108	1275	897	-1	0	224	-21	0	-204
10/31/2004	7244	31	-1359	490	811	-267	46	10	872	-1	0	-342	-36	-1	-210
11/30/2004	7274	30	701	16	120	-2825	134	1050	897	-1	0	133	-25	-1	-196
12/31/2004	7305	31	-1595	583	1012	-184	81	-70	877	-1	0	-441	-38	-1	-207
1/31/2005	7336	31	-3553	1331	2218	-41	230	157	853	-1	0	-923	-38	-1	-202
2/28/2005	7364	28	-1880	853	1430	-104	234	-481	762	-1	0	-611	-28	-1	-181
3/31/2005	7395	31	72	223	402	-452	157	-813	846	-1	0	-199	-26	-1	-204
4/30/2005	7425	30	957	18	70	-1923	132	124	833	-1	0	10	-11	0	-202
5/31/2005	7456	31	880	16	88	-2564	133	723	864	-1	0	90	-7	0	-215
6/30/2005	7486	30	727	16	88	-2563	115	872	823	-1	0	149	-8	0	-212
7/31/2005	7517	31	524	16	97	-2290	108	789	835	-1	0	167	-18	0	-221
8/31/2005	7548	31	470	16	97	-2290	109	798	844	-1	0	200	-21	0	-218
9/30/2005	7578	30	432	16	97	-2292	97	871	812	-1	0	205	-21	0	-210
10/31/2005	7609	31	53	41	126	-1214	54	190	828	-1	0	173	-28	0	-215
11/30/2005	7639	30	433	16	90	-2142	101	698	827	-1	0	214	-23	0	-207
12/31/2005	7670	31	392	16	97	-2287	100	827	867	0	0	230	-22	0	-215
1/31/2006	7701	31	-749	321	539	-584	61	-28	854	-1	0	-161	-30	0	-215
2/28/2006	7729	28	-180	224	338	-798	75	-151	780	0	0	-64	-29	0	-191
3/31/2006	7760	31	-906	359	681	-418	90	-225	859	-1	0	-190	-33	0	-209
4/30/2006	7790	30	-727	347	659	-461	91	-288	825	-1	0	-207	-32	0	-197
5/31/2006	7821	31	335	56	159	-1387	104	1	862	-1	0	111	-29	0	-204
6/30/2006	7851	30	935	16	140	-3688	185	1563	870	-1	0	211	-16	0	-210
7/31/2006	7882	31	326	16	96	-2286	98	840	937	-1	0	219	-20	0	-220
8/31/2006	7913	31	372	16	96	-2287	89	796	929	-1	0	234	-20	0	-219
9/30/2006	7943	30	363	16	96	-2290	92	829	900	-1	0	231	-20	0	-212
10/31/2006	7974	31	335	16	96	-2287	94	826	927	-1	0	240	-21	0	-220
11/30/2006	8004	30	327	16	96	-2290	102	845	907	-1	0	236	-20	0	-214
12/31/2006	8035	31	162	20	79	-1706	69	456	923	-1	0	247	-23	0	-218
1/31/2007	8066	31	-383	144	277	-554	31	-220	877	-1	0	75	-28	0	-214
2/28/2007	8094	28	161	40	138	-1385	67	204	824	-1	0	171	-22	0	-191
3/31/2007	8125	31	405	16	94	-2246	97	689	939	-1	0	250	-22	0	-214
4/30/2007	8155	30	96	29	79	-1440	55	290	891	-1	0	237	-25	0	-205
5/31/2007	8186	31	384	16	94	-2246	89	714	943	-1	0	249	-23	0	-213
6/30/2007	8216	30	341	16	94	-2250	86	790	919	-1	0	241	-21	0	-209
7/31/2007	8247	31	359	16	103	-2583	104	1004	995	-1	0	247	-21	0	-216
8/31/2007	8278	31	338	16	103	-2587	96	1028	1001	-1	0	249	-21	0	-217
9/30/2007	8308	30	317	16	101	-2551	91	1053	971	-1	0	243	-23	0	-212
10/31/2007	8339	31	302	16	103	-2589	92	1077	1001	-1	0	249	-23	0	-219
11/30/2007	8369	30	308	16	103	-2592	102	1088	979	-1	0	240	-23	0	-213
12/31/2007	8400	31	-818	238	433	-375	29	-112	909	-1	0	-49	-32	0	-218
1/31/2008	8431	31	-2809	997	1713	-46	151	90	871	-1	0	-716	-37	0	-208
2/29/2008	8460	29	200	98	209	-640	93	-460	827	-1	0	-99	-31	0	-190
3/31/2008	8491	31	703	16	85	-2204	113	523	897	-1	0	109	-25	0	-209
4/30/2008	8521	30	488	16	85	-2203	93	712	868	-1	0	180	-23	0	-207

Flow Budget for Aquifer B in Santa Paula Basin

Date	Stress	days in month	influx(+) outflux(-)												
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	Outside	Santa Paula A	Fillmore B	Mound L2-4	Oxnard UAS	Santa Paula C	Mound L5	Oxnard LAS	Mound L6 L7
5/31/2008	8552	31	414	16	85	-2198	83	743	898	-1	0	210	-26	0	-217
6/30/2008	8582	30	389	16	85	-2201	80	793	873	-1	0	209	-25	0	-211
7/31/2008	8613	31	459	16	112	-2826	113	1188	959	-1	0	228	-25	0	-217
8/31/2008	8644	31	413	16	112	-2829	110	1227	969	-1	0	232	-25	0	-218
9/30/2008	8674	30	398	16	112	-2834	101	1286	939	-1	0	225	-24	0	-213
10/31/2008	8705	31	350	16	112	-2832	97	1304	966	-1	0	239	-25	0	-221
11/30/2008	8735	30	-561	158	301	-612	23	35	872	-1	0	35	-32	0	-214
12/31/2008	8766	31	-354	149	286	-646	45	-177	904	-1	0	53	-35	0	-218
1/31/2009	8797	31	309	16	65	-1643	65	257	945	-1	0	247	-33	0	-220
2/28/2009	8825	28	-1203	459	734	-152	66	-171	799	-1	0	-297	-33	0	-194
3/31/2009	8856	31	503	16	65	-1694	82	186	935	-1	0	160	-32	0	-212
4/30/2009	8886	30	366	16	78	-1993	85	554	928	-1	0	216	-29	0	-212
5/31/2009	8917	31	292	16	78	-1989	73	589	955	-1	0	243	-29	-1	-220
6/30/2009	8947	30	278	16	78	-1992	72	637	926	-1	0	235	-28	-1	-213
7/31/2009	8978	31	420	16	116	-2864	113	1215	997	-1	0	234	-23	-1	-217
8/31/2009	9009	31	373	16	116	-2868	110	1261	1007	-1	0	232	-23	-1	-218
9/30/2009	9039	30	366	16	116	-2872	105	1305	982	-1	0	224	-23	-1	-212
10/31/2009	9070	31	-700	232	368	-555	11	37	907	-1	0	-42	-33	-1	-222
11/30/2009	9100	30	526	16	116	-2873	129	1147	971	-1	0	213	-26	-1	-212
12/31/2009	9131	31	-861	299	520	-426	46	-75	907	-1	0	-153	-35	-1	-221
1/31/2010	9162	31	-1577	584	1024	-134	101	-181	884	-1	0	-432	-39	-1	-212
2/28/2010	9190	28	-638	319	578	-322	89	-359	800	-1	0	-239	-36	0	-186
3/31/2010	9221	31	739	16	78	-2361	123	591	936	-1	0	120	-33	-1	-206
4/30/2010	9251	30	-119	105	212	-716	29	-183	867	-1	0	52	-34	-1	-206
5/31/2010	9282	31	587	16	80	-2394	98	723	932	-1	0	201	-31	-1	-212
6/30/2010	9312	30	473	16	80	-2402	89	855	904	-1	0	204	-28	-1	-207
7/31/2010	9343	31	460	16	118	-2928	130	1236	1002	-1	0	220	-30	-1	-218
8/31/2010	9374	31	414	16	118	-2932	126	1272	1015	-1	0	226	-30	-1	-220
9/30/2010	9404	30	397	16	118	-2935	122	1319	994	-1	0	218	-29	-1	-214
10/31/2010	9435	31	-404	138	245	-745	18	22	918	-1	0	70	-34	-1	-220
11/30/2010	9465	30	136	35	132	-1573	61	373	912	-1	0	176	-31	-1	-213
12/31/2010	9496	31	-2339	816	1394	-117	128	89	878	-1	0	-587	-37	-1	-212
1/31/2011	9527	31	781	16	81	-2204	141	465	944	-1	0	21	-33	-1	-204
2/28/2011	9555	28	-680	281	492	-340	48	-190	801	-1	0	-185	-33	0	-189
3/31/2011	9586	31	-1233	569	889	-145	102	-386	874	-1	0	-410	-39	-1	-206
4/30/2011	9616	30	719	16	81	-2203	132	491	909	-1	0	91	-33	0	-195
5/31/2011	9647	31	328	20	66	-1568	67	248	917	-1	0	172	-32	0	-208
6/30/2011	9677	30	458	16	81	-2197	92	696	905	-1	0	190	-29	0	-203
7/31/2011	9708	31	385	16	101	-2433	97	925	957	-1	0	194	-25	0	-209
8/31/2011	9739	31	342	16	101	-2435	96	947	962	-1	0	212	-25	0	-210
9/30/2011	9769	30	327	16	101	-2438	91	991	934	-1	0	212	-24	0	-203
10/31/2011	9800	31	-2	48	89	-1170	16	169	899	-1	0	201	-30	0	-211
11/30/2011	9830	30	62	60	118	-1201	41	125	870	-1	0	165	-29	0	-201
12/31/2011	9861	31	325	16	99	-2408	114	899	960	-1	0	235	-26	0	-207
1/31/2012	9892	31	198	18	94	-1849	65	558	941	-1	0	221	-30	0	-209
2/29/2012	9921	29	326	15	99	-2458	105	988	931	-1	0	222	-24	0	-196
3/31/2012	9952	31	-534	164	307	-612	18	-31	919	-1	0	16	-31	-1	-211
4/30/2012	9982	30	-278	118	246	-648	27	-180	890	-1	0	65	-31	-1	-201
5/31/2012	10013	31	448	16	99	-2455	110	802	989	-1	0	235	-27	0	-209
6/30/2012	10043	30	355	16	99	-2459	100	940	962	-1	0	226	-25	0	-205
7/31/2012	10074	31	359	16	136	-2758	122	1244	902	-1	0	223	-25	-1	-214
8/31/2012	10105	31	334	16	136	-2762	121	1281	899	-1	0	221	-25	-1	-216
9/30/2012	10135	30	325	16	136	-2767	115	1332	870	-1	0	213	-24	-1	-211
10/31/2012	10166	31	97	16	106	-1855	53	762	856	-1	0	217	-26	-1	-220
11/30/2012	10196	30	-193	85	172	-929	39	94	856	-1	0	130	-30	-1	-214
12/31/2012	10227	31	-363	152	260	-667	51	-135	891	-1	0	70	-34	-1	-218
1/31/2013	10258	31	-83	66	155	-763	36	-175	869	-1	0	156	-35	-1	-218
2/28/2013	10286	28	367	15	107	-2045	92	751	739	-1	0	202	-27	-1	-196
3/31/2013	10317	31	51	27	86	-1326	47	320	829	-1	0	221	-32	-1	-217
4/30/2013	10347	30	304	16	107	-2041	83	775	787	-1	0	213	-29	-1	-209
5/31/2013	10378	31	250	16	107	-2040	79	808	813	-1	0	218	-29	-1	-217
6/30/2013	10408	30	250	16	107	-2043	80	839	787	-1	0	210	-28	-1	-211
7/31/2013	10439	31	239	16	116	-2162	94	914	827	-1	0	215	-31	-1	-222
8/31/2013	10470	31	232	16	116	-2164	91	920	835	-1	0	215	-32	-1	-224
9/30/2013	10500	30	235	16	116	-2167	91	944	812	-1	0	207	-31	-1	-218
10/31/2013	10531	31	222	16	116	-2165	87	928	847	-1	0	214	-32	-1	-227
11/30/2013	10561	30	188	16	108	-1988	79	819	831	-1	0	208	-32	-1	-222
12/31/2013	10592	31	233	16	116	-2166	83	912	860	-1	0	215	-33	-1	-231
1/31/2014	10623	31	339	16	142	-2676	109	1241	883	-1	0	213	-30	-1	-233
2/28/2014	10651	28	-864	294	477	-417	38	45	819	-1	0	-151	-32	-1	-208

Flow Budget for Aquifer B in Santa Paula Basin															
Date	Stress	days in month	influx(+) outflux(-)												
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	Outside	Santa Paula A	Fillmore B	Mound L2-4	Oxnard UAS	Santa Paula C	Mound L5	Oxnard LAS	Mound L6 L7
3/31/2014	10682	31	-10	81	198	-996	35	-12	916	-1	0	60	-35	-1	-229
4/30/2014	10712	30	467	16	142	-2676	122	1133	860	-1	0	198	-30	-1	-225
5/31/2014	10743	31	370	16	142	-2678	112	1223	883	-1	0	202	-31	-1	-235
6/30/2014	10773	30	368	16	142	-2681	110	1258	857	-1	0	194	-30	-1	-230
7/31/2014	10804	31	279	16	126	-2495	92	1138	911	-1	0	202	-28	-1	-234
8/31/2014	10835	31	301	16	126	-2494	91	1109	917	-1	0	203	-28	-1	-234
9/30/2014	10865	30	318	16	126	-2497	93	1115	891	-1	0	199	-27	-1	-227
10/31/2014	10896	31	311	16	126	-2501	90	1095	925	-1	0	208	-29	-1	-236
11/30/2014	10926	30	97	25	100	-1739	52	627	904	0	0	202	-31	-1	-229
12/31/2014	10957	31	-964	344	571	-338	29	-79	937	0	0	-228	-38	-1	-232
1/31/2015	10988	31	-96	90	162	-611	23	-301	929	-1	0	84	-38	-1	-231
2/28/2015	11016	28	377	15	94	-1869	63	565	811	0	0	189	-29	-1	-210
3/31/2015	11047	31	170	18	76	-1460	24	338	899	0	0	212	-33	-1	-236
4/30/2015	11077	30	301	16	105	-1994	61	734	839	0	0	201	-30	-1	-227
5/31/2015	11108	31	273	16	90	-1889	41	638	893	0	0	210	-31	-1	-235
6/30/2015	11138	30	255	16	105	-1993	62	784	835	0	0	200	-30	-1	-227
7/31/2015	11169	31	268	16	78	-1824	15	590	902	0	0	216	-25	-1	-226
8/31/2015	11200	31	292	16	127	-2382	83	1055	857	0	0	204	-24	-1	-223
9/30/2015	11230	30	226	16	93	-1922	40	756	836	0	0	199	-23	-1	-213
10/31/2015	11261	31	307	16	127	-2385	83	1053	847	0	0	201	-25	-1	-219
11/30/2015	11291	30	308	16	127	-2389	83	1089	816	0	0	192	-24	-1	-212
12/31/2015	11322	31	295	16	127	-2388	80	1077	846	0	0	197	-26	-1	-219

Flow Budget for Aquifer C in Santa Paula Basin

Date	Stress	days in month	influx(+) outflux(-)								
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	Outside	Santa Paula B	Fillmore C	Oxnard	Mound L8 L11
1/31/1985	31	31	597	0	22	-183	-9	-440	289	-2	-211
2/28/1985	59	28	605	0	19	-167	-8	-449	259	-1	-202
3/31/1985	90	31	715	0	17	-186	-9	-529	286	-2	-233
4/30/1985	120	30	771	0	0	-190	-8	-552	271	-1	-235
5/31/1985	151	31	790	0	0	-196	-8	-556	279	-2	-252
6/30/1985	181	30	761	0	0	-189	-8	-529	270	-2	-251
7/31/1985	212	31	787	0	0	-197	-8	-539	279	-2	-267
8/31/1985	243	31	779	0	0	-196	-8	-525	279	-2	-276
9/30/1985	273	30	748	0	0	-188	-8	-497	269	-2	-274
10/31/1985	304	31	759	0	0	-192	-8	-500	280	-2	-288
11/30/1985	334	30	306	1	118	-166	-9	-211	286	-2	-273
12/31/1985	365	31	668	0	0	-184	-8	-443	295	-2	-276
1/31/1986	396	31	332	1	100	-168	-9	-232	301	-2	-271
2/28/1986	424	28	-111	3	208	-146	-8	60	282	-1	-228
3/31/1986	455	31	109	2	132	-159	-8	-102	316	-2	-226
4/30/1986	485	30	435	0	22	-160	-7	-318	296	-1	-214
5/31/1986	516	31	588	0	0	-177	-7	-403	290	-1	-241
6/30/1986	546	30	605	0	0	-172	-7	-407	277	-1	-250
7/31/1986	577	31	620	0	0	-176	-7	-417	291	-1	-265
8/31/1986	608	31	618	0	0	-176	-7	-415	294	-1	-269
9/30/1986	638	30	556	0	15	-162	-8	-384	291	-1	-264
10/31/1986	669	31	623	0	0	-175	-7	-413	296	-1	-279
11/30/1986	699	30	495	0	30	-158	-8	-341	298	-1	-273
12/31/1986	730	31	616	0	0	-173	-7	-407	300	-2	-285
1/31/1987	761	31	475	0	36	-160	-8	-324	310	-2	-286
2/28/1987	789	28	460	0	18	-147	-7	-310	282	-1	-256
3/31/1987	820	31	416	0	43	-157	-8	-285	317	-2	-282
4/30/1987	850	30	562	0	0	-167	-6	-365	295	-2	-277
5/31/1987	881	31	582	0	0	-171	-7	-371	301	-2	-293
6/30/1987	911	30	567	0	0	-165	-6	-355	289	-2	-290
7/31/1987	942	31	588	0	0	-170	-7	-365	296	-2	-303
8/31/1987	973	31	585	0	0	-169	-7	-361	297	-2	-307
9/30/1987	1003	30	572	0	0	-163	-7	-351	286	-2	-300
10/31/1987	1034	31	452	0	26	-151	-8	-283	309	-2	-307
11/30/1987	1064	30	455	0	28	-152	-7	-300	307	-2	-293
12/31/1987	1095	31	103	1	102	-143	-8	-51	328	-2	-290
1/31/1988	1126	31	224	1	67	-143	-7	-154	328	-2	-273
2/29/1988	1155	29	299	0	47	-136	-6	-217	304	-2	-251
3/31/1988	1186	31	492	0	0	-155	-6	-333	317	-2	-277
4/30/1988	1216	30	127	1	102	-135	-7	-98	316	-2	-266
5/31/1988	1247	31	482	0	0	-159	-5	-316	312	-2	-275
6/30/1988	1277	30	485	0	0	-154	-6	-310	296	-1	-277
7/31/1988	1308	31	501	0	0	-161	-6	-314	308	-2	-292
8/31/1988	1339	31	509	0	0	-161	-6	-318	308	-2	-298
9/30/1988	1369	30	500	0	0	-157	-6	-308	296	-2	-293
10/31/1988	1400	31	517	0	0	-160	-6	-316	306	-2	-307
11/30/1988	1430	30	433	0	15	-136	-7	-281	306	-2	-297
12/31/1988	1461	31	34	1	103	-129	-7	-2	331	-2	-295
1/31/1989	1492	31	428	0	0	-139	-6	-287	326	-2	-288
2/28/1989	1520	28	69	1	74	-114	-6	-38	305	-2	-257
3/31/1989	1551	31	405	0	0	-132	-6	-288	336	-2	-281
4/30/1989	1581	30	427	0	0	-133	-5	-293	316	-2	-280
5/31/1989	1612	31	455	0	0	-136	-6	-308	324	-2	-298
6/30/1989	1642	30	444	0	0	-131	-6	-297	314	-2	-294
7/31/1989	1673	31	460	0	0	-140	-6	-300	326	-2	-309
8/31/1989	1704	31	459	0	0	-140	-6	-298	327	-2	-313

Flow Budget for Aquifer C in Santa Paula Basin

Date	Stress	days in month	influx(+) outflux(-)								
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	Outside	Santa Paula B	Fillmore C	Oxnard	Mound L8 L11
9/30/1989	1734	30	446	0	0	-135	-6	-286	316	-2	-306
10/31/1989	1765	31	458	0	0	-138	-6	-294	328	-2	-318
11/30/1989	1795	30	448	0	0	-134	-6	-286	316	-2	-310
12/31/1989	1826	31	461	0	0	-137	-6	-293	326	-2	-322
1/31/1990	1857	31	166	1	79	-120	-7	-113	342	-2	-317
2/28/1990	1885	28	110	1	70	-107	-6	-77	315	-2	-276
3/31/1990	1916	31	418	0	0	-138	-5	-276	336	-2	-306
4/30/1990	1946	30	430	0	0	-132	-5	-282	320	-2	-304
5/31/1990	1977	31	435	0	0	-129	-6	-289	334	-2	-318
6/30/1990	2007	30	434	0	0	-133	-5	-277	320	-2	-313
7/31/1990	2038	31	439	0	0	-133	-6	-278	328	-2	-325
8/31/1990	2069	31	439	0	0	-132	-6	-278	327	-2	-323
9/30/1990	2099	30	424	0	0	-128	-6	-267	315	-2	-314
10/31/1990	2130	31	435	0	0	-130	-6	-273	326	-2	-326
11/30/1990	2160	30	421	0	0	-126	-6	-263	315	-2	-317
12/31/1990	2191	31	432	0	0	-129	-6	-270	325	-2	-328
1/31/1991	2222	31	329	0	28	-114	-6	-220	336	-2	-327
2/28/1991	2250	28	90	1	51	-100	-6	-37	312	-2	-286
3/31/1991	2281	31	-912	4	327	-99	-7	641	363	-2	-280
4/30/1991	2311	30	56	0	0	-112	-5	-5	341	-2	-245
5/31/1991	2342	31	198	0	0	-118	-5	-123	344	-2	-269
6/30/1991	2372	30	275	0	0	-116	-5	-187	330	-2	-272
7/31/1991	2403	31	316	0	0	-121	-6	-217	343	-2	-291
8/31/1991	2434	31	334	0	0	-121	-6	-229	343	-2	-297
9/30/1991	2464	30	337	0	0	-118	-5	-228	330	-2	-292
10/31/1991	2495	31	363	0	0	-121	-6	-247	341	-2	-306
11/30/1991	2525	30	353	0	0	-118	-5	-240	332	-2	-299
12/31/1991	2556	31	-155	1	97	-104	-7	131	361	-2	-297
1/31/1992	2587	31	56	1	49	-102	-6	-59	368	-2	-280
2/29/1992	2616	29	-889	4	323	-90	-6	576	357	-2	-240
3/31/1992	2647	31	-572	2	179	-93	-6	358	393	-2	-224
4/30/1992	2677	30	28	0	0	-100	-5	-47	367	-2	-214
5/31/1992	2708	31	134	0	0	-106	-5	-127	373	-2	-242
6/30/1992	2738	30	208	0	0	-105	-5	-182	359	-1	-251
7/31/1992	2769	31	276	0	0	-127	-5	-214	368	-1	-274
8/31/1992	2800	31	308	0	0	-129	-5	-231	366	-1	-285
9/30/1992	2830	30	311	0	0	-125	-5	-228	352	-1	-282
10/31/1992	2861	31	197	0	28	-111	-6	-170	378	-2	-291
11/30/1992	2891	30	317	0	0	-125	-5	-244	361	-1	-281
12/31/1992	2922	31	-266	2	123	-104	-6	169	390	-1	-280
1/31/1993	2953	31	-874	4	316	-97	-6	538	409	-1	-251
2/28/1993	2981	28	-865	3	280	-83	-5	519	381	-1	-192
3/31/1993	3012	31	-451	1	104	-94	-5	237	424	-1	-179
4/30/1993	3042	30	9	0	0	-120	-4	-63	393	-1	-185
5/31/1993	3073	31	117	0	0	-126	-5	-135	398	-1	-221
6/30/1993	3103	30	170	0	0	-120	-5	-172	385	-1	-232
7/31/1993	3134	31	232	0	0	-142	-5	-202	397	-1	-254
8/31/1993	3165	31	268	0	0	-142	-5	-223	396	-1	-268
9/30/1993	3195	30	280	0	0	-139	-5	-225	382	-1	-268
10/31/1993	3226	31	302	0	0	-143	-5	-239	393	-1	-283
11/30/1993	3256	30	280	0	0	-122	-6	-237	386	-1	-277
12/31/1993	3287	31	188	0	25	-118	-6	-184	405	-1	-285
1/31/1994	3318	31	318	0	0	-127	-5	-271	395	-1	-285
2/28/1994	3346	28	-416	2	145	-95	-6	275	366	-1	-246
3/31/1994	3377	31	-64	1	50	-107	-6	-4	409	-1	-250
4/30/1994	3407	30	209	0	0	-123	-5	-198	382	-1	-241

Flow Budget for Aquifer C in Santa Paula Basin

Date	Stress	days in month	influx(+) outflux(-)								
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	Outside	Santa Paula B	Fillmore C	Oxnard	Mound L8 L11
5/31/1994	3438	31	262	0	0	-126	-5	-239	390	-1	-258
6/30/1994	3468	30	284	0	0	-123	-5	-247	375	-1	-260
7/31/1994	3499	31	297	0	0	-118	-5	-255	384	-1	-279
8/31/1994	3530	31	303	0	0	-117	-5	-255	383	-1	-286
9/30/1994	3560	30	300	0	0	-112	-5	-247	368	-1	-281
10/31/1994	3591	31	301	0	0	-111	-6	-257	389	-1	-295
11/30/1994	3621	30	254	0	11	-107	-6	-226	379	-1	-283
12/31/1994	3652	31	249	0	17	-110	-6	-231	395	-1	-291
1/31/1995	3683	31	-1586	7	572	-93	-7	986	421	-1	-255
2/28/1995	3711	28	-255	0	40	-88	-5	146	382	-1	-188
3/31/1995	3742	31	-855	3	242	-91	-6	509	429	-1	-195
4/30/1995	3772	30	-63	0	0	-111	-4	-14	401	-1	-180
5/31/1995	3803	31	-12	0	15	-106	-5	-63	410	-1	-212
6/30/1995	3833	30	129	0	0	-115	-5	-148	390	-1	-225
7/31/1995	3864	31	195	0	0	-134	-5	-179	398	-1	-249
8/31/1995	3895	31	243	0	0	-134	-5	-213	396	-1	-263
9/30/1995	3925	30	267	0	0	-130	-5	-226	380	-1	-263
10/31/1995	3956	31	288	0	0	-134	-5	-240	392	-1	-277
11/30/1995	3986	30	292	0	0	-130	-5	-240	378	-1	-273
12/31/1995	4017	31	87	0	34	-112	-6	-103	401	-1	-276
1/31/1996	4048	31	220	0	16	-114	-5	-222	399	-1	-269
2/29/1996	4077	29	-640	2	225	-95	-6	395	387	-1	-236
3/31/1996	4108	31	-73	0	40	-108	-6	-8	415	-1	-229
4/30/1996	4138	30	173	0	0	-117	-5	-189	386	-1	-225
5/31/1996	4169	31	242	0	0	-125	-5	-236	392	-1	-244
6/30/1996	4199	30	263	0	0	-121	-5	-240	375	-1	-250
7/31/1996	4230	31	299	0	0	-122	-5	-258	379	-1	-270
8/31/1996	4261	31	312	0	0	-121	-5	-259	375	-1	-279
9/30/1996	4291	30	312	0	0	-117	-5	-250	359	-1	-276
10/31/1996	4322	31	75	1	60	-108	-6	-102	387	-1	-281
11/30/1996	4352	30	18	1	54	-105	-6	-56	380	-1	-261
12/31/1996	4383	31	-559	2	209	-102	-6	334	403	-1	-249
1/31/1997	4414	31	-494	2	144	-99	-6	295	412	-1	-220
2/28/1997	4442	28	70	0	0	-108	-4	-103	360	-1	-190
3/31/1997	4473	31	171	0	0	-119	-5	-192	393	-1	-223
4/30/1997	4503	30	215	0	0	-117	-5	-220	378	-1	-229
5/31/1997	4534	31	252	0	0	-121	-5	-243	389	-1	-250
6/30/1997	4564	30	258	0	0	-118	-5	-237	375	-1	-251
7/31/1997	4595	31	294	0	0	-128	-5	-248	376	-1	-267
8/31/1997	4626	31	305	0	0	-127	-5	-247	369	-1	-273
9/30/1997	4656	30	299	0	0	-123	-5	-238	355	-1	-268
10/31/1997	4687	31	310	0	0	-125	-5	-247	367	-1	-277
11/30/1997	4717	30	-9	1	65	-105	-6	-30	370	-1	-263
12/31/1997	4748	31	-479	2	142	-102	-6	324	396	-1	-249
1/31/1998	4779	31	-226	1	74	-101	-6	113	398	-1	-226
2/28/1998	4807	28	-1666	6	560	-79	-6	1014	373	-1	-160
3/31/1998	4838	31	-590	1	100	-85	-5	310	415	-1	-106
4/30/1998	4868	30	-250	0	39	-92	-5	77	394	-1	-132
5/31/1998	4899	31	-391	1	113	-94	-5	165	408	-1	-165
6/30/1998	4929	30	47	0	0	-109	-4	-104	380	-1	-183
7/31/1998	4960	31	129	0	0	-125	-5	-146	387	-1	-214
8/31/1998	4991	31	180	0	0	-125	-5	-180	387	-1	-232
9/30/1998	5021	30	225	0	0	-122	-5	-210	373	-1	-237
10/31/1998	5052	31	260	0	0	-125	-5	-234	382	-1	-254
11/30/1998	5082	30	214	0	12	-115	-5	-204	370	-1	-248
12/31/1998	5113	31	278	0	0	-123	-5	-246	380	-1	-260

Flow Budget for Aquifer C in Santa Paula Basin

Date	Stress	days in month	influx(+) outflux(-)								
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	Outside	Santa Paula B	Fillmore C	Oxnard	Mound L8 L11
1/31/1999	5144	31	67	0	49	-110	-6	-106	389	-1	-258
2/28/1999	5172	28	189	0	19	-103	-5	-196	353	-1	-234
3/31/1999	5203	31	-28	1	60	-109	-6	-33	395	-1	-253
4/30/1999	5233	30	34	0	41	-106	-5	-86	383	-1	-235
5/31/1999	5264	31	265	0	0	-121	-5	-253	385	-1	-247
6/30/1999	5294	30	276	0	0	-117	-5	-252	369	-1	-249
7/31/1999	5325	31	286	0	0	-115	-5	-255	374	-1	-262
8/31/1999	5356	31	295	0	0	-115	-5	-255	369	-1	-267
9/30/1999	5386	30	293	0	0	-111	-5	-247	354	-1	-263
10/31/1999	5417	31	308	0	0	-114	-5	-257	365	-1	-275
11/30/1999	5447	30	291	0	0	-107	-5	-247	354	-1	-265
12/31/1999	5478	31	308	0	0	-113	-5	-258	365	-1	-276
1/31/2000	5509	31	163	0	28	-108	-6	-161	377	-1	-272
2/29/2000	5538	29	-683	2	215	-94	-6	461	368	-1	-234
3/31/2000	5569	31	-148	1	48	-104	-6	66	394	-1	-223
4/30/2000	5599	30	-134	1	49	-100	-5	43	378	-1	-207
5/31/2000	5630	31	175	0	0	-115	-5	-184	377	-1	-224
6/30/2000	5660	30	224	0	0	-112	-5	-208	360	-1	-238
7/31/2000	5691	31	244	0	0	-113	-5	-220	372	-1	-257
8/31/2000	5722	31	271	0	0	-113	-5	-236	369	-1	-265
9/30/2000	5752	30	276	0	0	-109	-5	-235	355	-1	-262
10/31/2000	5783	31	157	0	35	-106	-6	-164	377	-1	-270
11/30/2000	5813	30	279	0	0	-109	-5	-238	358	-1	-264
12/31/2000	5844	31	292	0	0	-112	-5	-248	369	-1	-276
1/31/2001	5875	31	-542	2	179	-101	-6	365	390	-1	-259
2/28/2001	5903	28	-674	2	199	-88	-6	436	365	-1	-206
3/31/2001	5934	31	-665	2	167	-94	-6	416	409	-1	-196
4/30/2001	5964	30	-129	0	36	-99	-5	13	390	-1	-179
5/31/2001	5995	31	91	0	0	-112	-4	-126	386	-1	-211
6/30/2001	6025	30	173	0	0	-109	-5	-178	367	-1	-226
7/31/2001	6056	31	207	0	0	-113	-5	-204	382	-1	-244
8/31/2001	6087	31	234	0	0	-114	-5	-221	383	-1	-256
9/30/2001	6117	30	248	0	0	-110	-5	-225	368	-1	-256
10/31/2001	6148	31	271	0	0	-113	-5	-241	380	-1	-271
11/30/2001	6178	30	-137	1	69	-100	-6	65	383	-1	-252
12/31/2001	6209	31	128	0	23	-107	-6	-163	397	-1	-250
1/31/2002	6240	31	213	0	10	-108	-5	-228	390	-1	-251
2/28/2002	6268	28	249	0	0	-102	-4	-233	343	-1	-233
3/31/2002	6299	31	281	0	0	-112	-5	-260	379	-1	-263
4/30/2002	6329	30	276	0	0	-108	-5	-249	365	-1	-259
5/31/2002	6360	31	283	0	0	-111	-5	-256	377	-1	-268
6/30/2002	6390	30	276	0	0	-107	-5	-246	363	-1	-262
7/31/2002	6421	31	290	0	0	-116	-5	-246	372	-1	-276
8/31/2002	6452	31	294	0	0	-115	-5	-245	371	-1	-280
9/30/2002	6482	30	288	0	0	-111	-5	-237	357	-1	-274
10/31/2002	6513	31	296	0	0	-113	-5	-243	371	-1	-286
11/30/2002	6543	30	-333	1	100	-96	-6	240	376	-1	-261
12/31/2002	6574	31	-321	1	96	-99	-6	201	396	-1	-244
1/31/2003	6605	31	181	0	0	-107	-5	-187	380	-1	-241
2/28/2003	6633	28	-378	1	107	-89	-5	247	353	-1	-214
3/31/2003	6664	31	-255	1	76	-98	-6	129	397	-1	-220
4/30/2003	6694	30	51	0	33	-100	-5	-124	380	-1	-214
5/31/2003	6725	31	26	0	41	-102	-5	-104	392	-1	-227
6/30/2003	6755	30	213	0	0	-106	-4	-215	367	-1	-234
7/31/2003	6786	31	238	0	0	-107	-5	-224	374	-1	-256
8/31/2003	6817	31	254	0	0	-107	-5	-232	374	-1	-264

Flow Budget for Aquifer C in Santa Paula Basin

Date	Stress	days in month	influx(+) outflux(-)								
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	Outside	Santa Paula B	Fillmore C	Oxnard	Mound L8 L11
9/30/2003	6847	30	254	0	0	-103	-5	-227	359	-1	-260
10/31/2003	6878	31	266	0	0	-106	-5	-235	372	-1	-274
11/30/2003	6908	30	38	0	44	-96	-6	-75	375	-1	-261
12/31/2003	6939	31	61	0	47	-100	-6	-108	391	-1	-264
1/31/2004	6970	31	263	0	0	-110	-5	-243	379	-1	-265
2/29/2004	6999	29	-582	2	171	-91	-6	396	369	-1	-236
3/31/2004	7030	31	69	0	0	-103	-5	-85	385	-1	-240
4/30/2004	7060	30	193	0	0	-107	-5	-191	367	-1	-240
5/31/2004	7091	31	232	0	0	-110	-5	-220	378	-1	-256
6/30/2004	7121	30	247	0	0	-107	-5	-227	365	-1	-257
7/31/2004	7152	31	257	0	0	-107	-5	-229	375	-1	-273
8/31/2004	7183	31	261	0	0	-106	-5	-228	375	-1	-278
9/30/2004	7213	30	260	0	0	-103	-5	-224	362	-1	-274
10/31/2004	7244	31	-523	2	179	-97	-7	342	394	-1	-267
11/30/2004	7274	30	138	0	0	-103	-5	-133	371	-1	-248
12/31/2004	7305	31	-678	2	203	-95	-6	441	401	-1	-243
1/31/2005	7336	31	-1541	6	526	-86	-6	923	420	-1	-198
2/28/2005	7364	28	-1009	3	250	-73	-5	611	388	-1	-126
3/31/2005	7395	31	-433	1	57	-86	-5	199	426	-1	-128
4/30/2005	7425	30	-96	0	0	-103	-4	-10	399	-1	-161
5/31/2005	7456	31	27	0	0	-105	-4	-90	403	-1	-208
6/30/2005	7486	30	125	0	0	-110	-4	-149	386	-1	-227
7/31/2005	7517	31	167	0	0	-122	-5	-167	397	-1	-248
8/31/2005	7548	31	210	0	0	-121	-5	-200	398	-1	-260
9/30/2005	7578	30	227	0	0	-117	-5	-205	381	-1	-260
10/31/2005	7609	31	160	0	19	-111	-6	-173	401	-1	-269
11/30/2005	7639	30	235	0	0	-115	-5	-214	383	-1	-264
12/31/2005	7670	31	261	0	0	-120	-5	-230	394	-1	-279
1/31/2006	7701	31	-290	1	118	-104	-6	161	413	-1	-268
2/28/2006	7729	28	-183	1	92	-99	-5	64	380	-1	-225
3/31/2006	7760	31	-350	1	105	-105	-6	190	425	-1	-233
4/30/2006	7790	30	-386	1	105	-100	-5	207	412	-1	-208
5/31/2006	7821	31	33	0	19	-113	-5	-111	413	-1	-211
6/30/2006	7851	30	208	0	0	-121	-4	-211	379	-1	-229
7/31/2006	7882	31	221	0	0	-118	-5	-219	394	-1	-253
8/31/2006	7913	31	250	0	0	-118	-5	-234	390	-1	-263
9/30/2006	7943	30	259	0	0	-114	-5	-231	373	-1	-262
10/31/2006	7974	31	274	0	0	-117	-5	-240	384	-1	-277
11/30/2006	8004	30	274	0	0	-113	-5	-236	371	-1	-272
12/31/2006	8035	31	276	0	0	-112	-6	-247	390	-1	-281
1/31/2007	8066	31	39	0	43	-107	-6	-75	401	-1	-273
2/28/2007	8094	28	158	0	23	-103	-5	-171	359	-1	-242
3/31/2007	8125	31	280	0	0	-122	-5	-250	389	-1	-272
4/30/2007	8155	30	255	0	0	-109	-5	-237	379	-1	-264
5/31/2007	8186	31	284	0	0	-120	-5	-249	386	-1	-276
6/30/2007	8216	30	281	0	0	-116	-5	-241	372	-1	-272
7/31/2007	8247	31	289	0	0	-118	-5	-247	384	-1	-284
8/31/2007	8278	31	290	0	0	-116	-5	-249	384	-1	-286
9/30/2007	8308	30	287	0	0	-112	-5	-243	370	-1	-279
10/31/2007	8339	31	293	0	0	-114	-5	-249	384	-1	-289
11/30/2007	8369	30	283	0	0	-111	-5	-240	372	-1	-282
12/31/2007	8400	31	-129	1	82	-99	-7	49	404	-1	-281
1/31/2008	8431	31	-1096	4	336	-93	-7	716	418	-1	-247
2/29/2008	8460	29	-199	0	32	-92	-5	99	391	-1	-202
3/31/2008	8491	31	68	0	0	-109	-5	-109	403	-1	-227
4/30/2008	8521	30	160	0	0	-107	-5	-180	386	-1	-236

Flow Budget for Aquifer C in Santa Paula Basin

Date	Stress	days in month	influx(+) outflux(-)								
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	Outside	Santa Paula B	Fillmore C	Oxnard	Mound L8 L11
5/31/2008	8552	31	203	0	0	-110	-5	-210	398	-1	-256
6/30/2008	8582	30	213	0	0	-107	-5	-209	384	-1	-257
7/31/2008	8613	31	248	0	0	-116	-5	-228	391	-1	-272
8/31/2008	8644	31	258	0	0	-114	-5	-232	389	-1	-277
9/30/2008	8674	30	256	0	0	-110	-5	-225	374	-1	-272
10/31/2008	8705	31	273	0	0	-113	-5	-239	387	-1	-285
11/30/2008	8735	30	-14	1	48	-97	-6	-35	392	-1	-270
12/31/2008	8766	31	-5	1	44	-102	-6	-53	410	-1	-268
1/31/2009	8797	31	241	0	0	-105	-5	-247	402	-1	-267
2/28/2009	8825	28	-466	2	138	-88	-6	297	375	-1	-232
3/31/2009	8856	31	130	0	0	-107	-5	-160	410	-1	-247
4/30/2009	8886	30	202	0	0	-105	-5	-216	387	-1	-246
5/31/2009	8917	31	240	0	0	-108	-5	-243	398	-1	-264
6/30/2009	8947	30	239	0	0	-104	-5	-235	383	-1	-262
7/31/2009	8978	31	257	0	0	-117	-5	-234	393	-1	-277
8/31/2009	9009	31	258	0	0	-114	-5	-232	392	-1	-281
9/30/2009	9039	30	254	0	0	-110	-5	-224	377	-1	-276
10/31/2009	9070	31	-153	1	104	-96	-7	42	408	-1	-279
11/30/2009	9100	30	234	0	0	-112	-5	-213	382	-1	-267
12/31/2009	9131	31	-279	1	100	-96	-6	153	413	-1	-266
1/31/2010	9162	31	-644	2	162	-93	-6	432	413	-1	-241
2/28/2010	9190	28	-399	1	91	-84	-5	239	375	-1	-197
3/31/2010	9221	31	72	0	0	-107	-5	-120	400	-1	-220
4/30/2010	9251	30	-52	0	50	-94	-5	-52	395	-1	-222
5/31/2010	9282	31	175	0	0	-110	-5	-201	398	-1	-239
6/30/2010	9312	30	195	0	0	-106	-5	-204	382	-1	-244
7/31/2010	9343	31	237	0	0	-120	-5	-220	387	-2	-261
8/31/2010	9374	31	250	0	0	-118	-5	-226	385	-2	-268
9/30/2010	9404	30	249	0	0	-114	-5	-218	370	-2	-265
10/31/2010	9435	31	27	0	39	-101	-6	-70	398	-2	-270
11/30/2010	9465	30	148	0	28	-104	-5	-176	385	-2	-257
12/31/2010	9496	31	-879	3	248	-92	-6	587	414	-2	-248
1/31/2011	9527	31	-24	0	0	-101	-5	-21	402	-1	-229
2/28/2011	9555	28	-338	1	98	-84	-5	185	371	-1	-207
3/31/2011	9586	31	-686	2	191	-91	-6	410	421	-1	-214
4/30/2011	9616	30	31	0	0	-101	-4	-91	393	-1	-205
5/31/2011	9647	31	120	0	0	-103	-5	-172	405	-1	-226
6/30/2011	9677	30	160	0	0	-102	-5	-190	386	-1	-232
7/31/2011	9708	31	181	0	0	-108	-5	-194	395	-1	-251
8/31/2011	9739	31	207	0	0	-107	-5	-212	394	-1	-259
9/30/2011	9769	30	215	0	0	-103	-5	-212	378	-1	-256
10/31/2011	9800	31	175	0	16	-104	-6	-201	403	-1	-265
11/30/2011	9830	30	124	0	26	-101	-5	-165	395	-1	-254
12/31/2011	9861	31	231	0	0	-104	-5	-235	396	-1	-265
1/31/2012	9892	31	198	0	14	-105	-6	-221	403	-1	-266
2/29/2012	9921	29	230	0	0	-101	-4	-222	366	-1	-253
3/31/2012	9952	31	-66	1	64	-98	-6	-16	407	-1	-266
4/30/2012	9982	30	-16	1	51	-96	-6	-65	398	-1	-247
5/31/2012	10013	31	229	0	0	-107	-5	-235	394	-1	-258
6/30/2012	10043	30	231	0	0	-102	-5	-226	376	-1	-258
7/31/2012	10074	31	250	0	0	-119	-5	-223	386	-1	-272
8/31/2012	10105	31	249	0	0	-115	-5	-221	385	-1	-276
9/30/2012	10135	30	247	0	0	-112	-5	-213	370	-1	-271
10/31/2012	10166	31	247	0	0	-110	-5	-217	382	-1	-282
11/30/2012	10196	30	104	0	31	-97	-6	-130	384	-1	-271
12/31/2012	10227	31	24	0	35	-99	-6	-70	403	-1	-271

Flow Budget for Aquifer C in Santa Paula Basin

Date	Stress	days in month	influx(+) outflux(-)								
			STORAGE	Mountain Front Recharge	RECHARGE	Pumping from Wells	Outside	Santa Paula B	Fillmore C	Oxnard	Mound L8 L11
1/31/2013	10258	31	117	0	22	-98	-5	-156	401	-1	-264
2/28/2013	10286	28	211	0	0	-98	-4	-202	347	-1	-242
3/31/2013	10317	31	223	0	0	-100	-5	-221	387	-1	-270
4/30/2013	10347	30	228	0	0	-102	-4	-213	369	-1	-264
5/31/2013	10378	31	236	0	0	-104	-5	-218	380	-1	-276
6/30/2013	10408	30	231	0	0	-100	-5	-210	367	-1	-270
7/31/2013	10439	31	247	0	0	-112	-5	-215	379	-2	-281
8/31/2013	10470	31	245	0	0	-109	-5	-215	380	-2	-283
9/30/2013	10500	30	239	0	0	-106	-5	-207	366	-1	-275
10/31/2013	10531	31	246	0	0	-108	-5	-214	379	-2	-286
11/30/2013	10561	30	238	0	0	-103	-5	-208	367	-1	-278
12/31/2013	10592	31	249	0	0	-107	-5	-215	379	-2	-288
1/31/2014	10623	31	255	0	0	-109	-5	-213	375	-2	-291
2/28/2014	10651	28	-241	1	84	-79	-6	151	356	-1	-251
3/31/2014	10682	31	-5	1	51	-95	-6	-60	397	-2	-266
4/30/2014	10712	30	221	0	0	-109	-4	-198	368	-2	-262
5/31/2014	10743	31	229	0	0	-108	-5	-202	376	-2	-278
6/30/2014	10773	30	227	0	0	-105	-5	-194	362	-2	-274
7/31/2014	10804	31	227	0	0	-99	-5	-202	377	-2	-286
8/31/2014	10835	31	231	0	0	-100	-5	-203	377	-2	-287
9/30/2014	10865	30	230	0	0	-97	-5	-199	363	-2	-280
10/31/2014	10896	31	236	0	0	-94	-5	-208	375	-2	-291
11/30/2014	10926	30	219	0	0	-86	-6	-202	367	-2	-281
12/31/2014	10957	31	-335	1	88	-79	-7	228	395	-2	-275
1/31/2015	10988	31	25	0	28	-82	-6	-84	394	-2	-260
2/28/2015	11016	28	180	0	0	-78	-4	-189	344	-1	-241
3/31/2015	11047	31	204	0	0	-83	-5	-212	383	-2	-275
4/30/2015	11077	30	209	0	0	-83	-5	-201	363	-2	-272
5/31/2015	11108	31	214	0	0	-85	-5	-210	381	-2	-284
6/30/2015	11138	30	214	0	0	-83	-5	-200	362	-2	-277
7/31/2015	11169	31	224	0	0	-93	-6	-216	388	-2	-287
8/31/2015	11200	31	233	0	0	-99	-4	-204	374	-2	-287
9/30/2015	11230	30	219	0	0	-90	-5	-199	363	-2	-277
10/31/2015	11261	31	232	0	0	-98	-5	-201	369	-2	-287
11/30/2015	11291	30	224	0	0	-94	-5	-192	354	-2	-279
12/31/2015	11322	31	230	0	0	-96	-5	-197	365	-2	-288

Flow Budget for Layer 1 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	Tile Drains	ET	RECHARGE	Santa Paula A	Oxnard L1	Offshore	Mound L2-L4	Net Stream Percolation
1/31/1985	31	31	132.853	-21.088	-42.979	193.805	0	117.426	-30.351	-159.679	-190
2/28/1985	59	28	48.931	-13.46	-38.663	222.715	0	117.543	-18.346	-149.066	-170
3/31/1985	90	31	54.262	-10.858	-56.496	200.733	0	135.815	-16.62	-135.146	-172
4/30/1985	120	30	38.022	-7.895	-61.318	176.59	0	140.274	-11.956	-92.614	-181
5/31/1985	151	31	32.054	-6.484	-68.559	178.744	0	152.652	-9.7	-91.957	-187
6/30/1985	181	30	22.721	-5.045	-64.225	176.606	0	151.385	-8.883	-90.897	-182
7/31/1985	212	31	38.032	-4.097	-64.775	162.333	0	155.377	-8.896	-92.3	-186
8/31/1985	243	31	27.396	-3.214	-60.119	162.34	0	151.916	-9.509	-91.982	-177
9/30/1985	273	30	17.242	-2.689	-45.865	160.191	0	142.599	-9.467	-90.618	-171
10/31/1985	304	31	10.711	-2.804	-39.92	162.232	0	142.038	-12.172	-93.427	-167
11/30/1985	334	30	-164.307	-4.03	-30.062	477.606	0	130.446	-18.467	-234.519	-153
12/31/1985	365	31	13.749	-6.278	-27.317	159.59	0	127.298	-25.865	-107.724	-133
1/31/1986	396	31	-173.501	-7.757	-32.965	431.364	0	115.344	-32.361	-221.855	-75
2/28/1986	424	28	-473.782	-19.771	-43.634	784.221	-0.314	77.663	-60.073	-341.369	90
3/31/1986	455	31	-167.149	-31.6	-80.112	540.057	-0.042	83.853	-69.373	-273.106	3
4/30/1986	485	30	124.146	-24.947	-84.189	270.052	0	100.89	-42.161	-176.652	-167
5/31/1986	516	31	118.664	-14.89	-85.934	195.408	0	127.098	-28.962	-129.727	-182
6/30/1986	546	30	80.305	-8.987	-76.882	193.353	0	135.095	-24.712	-115.646	-183
7/31/1986	577	31	112.602	-6.307	-74.078	146.538	0	144.264	-18.168	-98.06	-207
8/31/1986	608	31	64.357	-5.285	-68.077	146.539	0	141.856	-22.418	-89.114	-168
9/30/1986	638	30	52.387	-4.746	-51.991	176.008	0	131.203	-21.506	-113.408	-168
10/31/1986	669	31	48.349	-4.83	-44.867	146.516	0	131.879	-22.942	-85.776	-168
11/30/1986	699	30	28.993	-5.052	-31.92	180.542	0	120.811	-23.727	-114.765	-155
12/31/1986	730	31	30.755	-5.874	-27.185	146.498	0	120.49	-26.278	-85.519	-153
1/31/1987	761	31	-0.639	-6.447	-31.421	245.496	0	118.708	-26.67	-142.866	-156
2/28/1987	789	28	10.119	-5.893	-31.26	221.844	0	107.995	-22.332	-131.484	-149
3/31/1987	820	31	1.367	-6.421	-49.03	254.687	0	120.123	-25.176	-142.331	-153
4/30/1987	850	30	34.648	-5.269	-54.789	172.777	0	124.15	-19.53	-85.063	-167
5/31/1987	881	31	32.015	-4.272	-62.327	174.904	0	135.283	-18.058	-88.63	-169
6/30/1987	911	30	28.963	-3.123	-58.959	172.799	0	133.745	-15.805	-88.268	-169
7/31/1987	942	31	29.022	-2.457	-60.671	178.693	0	138.532	-16.816	-95.983	-170
8/31/1987	973	31	30.874	-1.941	-57.979	178.703	0	137.767	-17.297	-97.608	-173
9/30/1987	1003	30	21.131	-1.788	-45.144	176.585	0	124.527	-18.675	-96.875	-160
10/31/1987	1034	31	4.657	-2.243	-39.801	223.276	0	122.595	-22.051	-137.394	-149
11/30/1987	1064	30	13.532	-2.715	-28.489	192.222	0	114.714	-21.916	-116.737	-151
12/31/1987	1095	31	-152.387	-5.353	-26.39	404.073	0	99.768	-38.322	-211.36	-67
1/31/1988	1126	31	0.626	-7.226	-32.686	277.021	0	92.609	-35.243	-171.226	-123
2/29/1988	1155	29	11.638	-6.317	-32.902	200.087	0	93.365	-28.441	-127.71	-110
3/31/1988	1186	31	47.685	-7.96	-52.534	168.995	0	101.331	-33.658	-97.348	-127
4/30/1988	1216	30	-63.561	-6.079	-57.376	379.705	0	99.615	-27.205	-199.372	-123
5/31/1988	1247	31	84.975	-5.013	-65.353	172.627	0	108.128	-21.184	-109.448	-165
6/30/1988	1277	30	52.864	-3.405	-60.119	170.414	0	111.946	-18.207	-99.191	-154
7/31/1988	1308	31	4.225	-2.789	-61.53	189.257	0	117.117	-22.906	-93.075	-130
8/31/1988	1339	31	17.648	-3.147	-60.922	189.26	0	111.939	-25.376	-94.009	-135
9/30/1988	1369	30	35.702	-2.098	-45.978	187.032	0	99.17	-19.072	-92.538	-162
10/31/1988	1400	31	20.236	-1.91	-39.758	189.235	0	97.716	-21.847	-95.948	-148
11/30/1988	1430	30	25.869	-1.773	-27.963	196.969	0	91.029	-20.738	-113.126	-150
12/31/1988	1461	31	-167.512	-4.769	-25.775	395.673	0	76.895	-44.001	-199.043	-29
1/31/1989	1492	31	86.755	-5.579	-30.66	157.001	0	83.173	-27.67	-101.051	-162
2/28/1989	1520	28	-58.908	-4.786	-29.772	331.077	0	80.456	-26.576	-179.835	-109
3/31/1989	1551	31	69.108	-4.701	-45.638	172.98	0	95.029	-24.87	-115.763	-146
4/30/1989	1581	30	64.019	-3.233	-49.85	154.709	0	99.979	-19.524	-90.932	-155
5/31/1989	1612	31	73.365	-1.884	-57.1	156.931	0	103.749	-16.957	-93.879	-164

Flow Budget for Layer 1 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	Tile Drains	ET	RECHARGE	Santa Paula A	Oxnard L1	Offshore	Mound L2-L4	Net Stream Percolation
6/30/1989	1642	30	55.799	-0.949	-54.996	154.725	0	96.95	-18.493	-92.018	-141
7/31/1989	1673	31	33.328	-0.287	-57.385	190.043	0	94.344	-19.052	-94.722	-146
8/31/1989	1704	31	36.105	0	-54.624	190.041	0	88.594	-18.868	-95.566	-146
9/30/1989	1734	30	24.3	0	-42.101	187.81	0	79.915	-18.443	-94.047	-137
10/31/1989	1765	31	20.91	0	-36.61	190.024	0	76.536	-20.59	-97.316	-133
11/30/1989	1795	30	16.038	0	-25.882	187.221	0	68.61	-20.289	-95.059	-131
12/31/1989	1826	31	20.035	0	-21.624	190.051	0	66.948	-21.027	-98.896	-135
1/31/1990	1857	31	24.228	0	-24.623	228.06	0	63.448	-22.691	-143.207	-125
2/28/1990	1885	28	-9.55	-0.207	-24.909	211.433	0	59.539	-24.666	-131.862	-80
3/31/1990	1916	31	38.445	-0.069	-38.864	185.795	0	67.437	-21.866	-97.02	-134
4/30/1990	1946	30	35.134	0	-42.123	183.996	0	66.879	-18.405	-95.354	-130
5/31/1990	1977	31	53.11	0	-46.752	165.106	0	69.756	-18.226	-91.375	-132
6/30/1990	2007	30	31.533	0	-43.531	183.961	0	66.632	-17.95	-96.564	-124
7/31/1990	2038	31	43.453	0	-43.977	171.354	0	67.418	-18.558	-93.001	-127
8/31/1990	2069	31	39.753	0	-40.939	171.362	0	65.423	-18.966	-93.662	-123
9/30/1990	2099	30	32.537	0	-31.442	169.579	0	60.594	-18.393	-92.169	-121
10/31/1990	2130	31	33.057	0	-27.123	171.417	0	60.012	-19.013	-95.211	-123
11/30/1990	2160	30	22.577	0	-19.163	169.575	0	55.005	-18.888	-93.614	-115
12/31/1990	2191	31	28.844	0	-15.975	171.421	0	54.461	-18.952	-96.602	-123
1/31/1991	2222	31	41.332	0	-17.652	175.826	0	52.856	-19.418	-115.834	-117
2/28/1991	2250	28	-61.556	0	-17.773	308.925	0	42.199	-22.838	-170.855	-78
3/31/1991	2281	31	-806.199	-3.031	-40.941	1207.797	-1.365	35.004	-74.542	-468.672	155
4/30/1991	2311	30	239.854	-5.057	-56.373	163.158	-0.308	41.751	-38.59	-184.139	-160
5/31/1991	2342	31	149.079	-0.773	-53.589	164.499	0	58.689	-20.558	-139.611	-158
6/30/1991	2372	30	101.173	0	-46.322	163.124	0	58.151	-18.097	-117.738	-140
7/31/1991	2403	31	90.6	0	-44.667	146.766	0	58.206	-20.558	-100.231	-130
8/31/1991	2434	31	80.157	0	-40.071	146.77	0	56.175	-20.423	-91.58	-131
9/30/1991	2464	30	63.183	0	-29.675	145.389	0	52.272	-19.343	-86.284	-126
10/31/1991	2495	31	63.041	0	-24.67	146.772	0	52.138	-18.114	-87.886	-131
11/30/1991	2525	30	50.424	0	-16.859	145.409	0	48.148	-17.665	-85.991	-123
12/31/1991	2556	31	-158.794	0	-16.024	423.239	0	42.041	-35.02	-216.201	-37
1/31/1992	2587	31	-2.554	0	-21.326	255.764	0	36.924	-37.599	-163.156	-68
2/29/1992	2616	29	-646.23	-8.328	-37.727	863.788	-0.275	17.787	-93.039	-358.938	277
3/31/1992	2647	31	-237.185	-17.435	-68.427	521.143	-0.03	18.167	-90.591	-274.747	156
4/30/1992	2677	30	256.078	-15.261	-78.592	165.092	0	57.585	-52.297	-136.456	-196
5/31/1992	2708	31	123.046	-3.13	-62.455	166.581	0	78.005	-20.91	-118.052	-163
6/30/1992	2738	30	93.06	-0.799	-56.148	165.052	0	71.211	-20.998	-104.781	-147
7/31/1992	2769	31	89.546	-0.001	-54.185	163.142	0	69.418	-22.826	-105.807	-139
8/31/1992	2800	31	79.329	0	-48.502	163.137	0	65.747	-22.041	-100.661	-137
9/30/1992	2830	30	65.426	0	-35.987	161.691	0	60.777	-19.646	-97.183	-135
10/31/1992	2861	31	48.933	0	-30.407	187.045	0	58.58	-22.597	-126.293	-115
11/30/1992	2891	30	51.004	0	-21.825	161.656	0	53.808	-21.303	-95.109	-128
12/31/1992	2922	31	-185.603	-0.089	-20.683	457.302	0	51.67	-37.377	-229.951	-31
1/31/1993	2953	31	-677.488	-15.271	-45.835	799.357	-0.206	22.615	-115.928	-346.415	392
2/28/1993	2981	28	-855.098	-42.646	-75.743	804.676	-0.71	-5.172	-163.535	-343.832	696
3/31/1993	3012	31	-232.296	-70.836	-153.201	501.155	-0.117	9.072	-158.313	-257.207	367
4/30/1993	3042	30	251.694	-59.724	-160.953	175.722	0	54.687	-109.787	-145.681	-6
5/31/1993	3073	31	236.156	-30.021	-110.908	177.355	0	133.905	-63.378	-131.439	-212
6/30/1993	3103	30	72.738	-18.266	-93.389	171.096	0	116.519	-57.54	-117.604	-74
7/31/1993	3134	31	134.646	-13.646	-91.273	178.56	0	105.162	-49.951	-116.04	-147
8/31/1993	3165	31	128.474	-6.97	-75.989	178.557	0	107.268	-35.323	-111.132	-185
9/30/1993	3195	30	75.88	-5.187	-54.585	176.942	0	99.796	-30.041	-103.369	-159
10/31/1993	3226	31	64.648	-4.747	-45.903	178.542	0	99.158	-30.711	-101.218	-160

Flow Budget for Layer 1 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	Tile Drains	ET	RECHARGE	Santa Paula A	Oxnard L1	Offshore	Mound L2-L4	Net Stream Percolation
11/30/1993	3256	30	45.684	-4.487	-31.858	161.993	0	93.582	-30.819	-88.879	-145
12/31/1993	3287	31	24.459	-5.883	-27.657	207.222	0	88.049	-38.179	-121.4	-127
1/31/1994	3318	31	33.549	-6.415	-31.97	169.994	0	88.548	-36.033	-88.204	-129
2/28/1994	3346	28	-332.356	-11.392	-37.012	564.151	0	71.675	-57.98	-247.765	59
3/31/1994	3377	31	26.8	-19.187	-65.945	256.976	0	77.476	-60.004	-152.246	-64
4/30/1994	3407	30	95.15	-15.171	-72.98	169.589	0	85.967	-43.965	-94.721	-124
5/31/1994	3438	31	85.557	-9.163	-77.993	171.318	0	100.592	-33.996	-91.116	-145
6/30/1994	3468	30	93.53	-6.218	-70.012	169.601	0	105.618	-24.247	-86.865	-181
7/31/1994	3499	31	63.178	-4.672	-68.291	198.486	0	107.449	-22.894	-96.928	-176
8/31/1994	3530	31	63.942	-3.246	-61.851	198.49	0	104.277	-20.021	-98.488	-183
9/30/1994	3560	30	45.864	-2.354	-46.793	196.738	0	97.534	-19.47	-97.737	-174
10/31/1994	3591	31	39.113	-2.334	-40.563	187.652	0	96.043	-23.06	-95.908	-161
11/30/1994	3621	30	26.183	-2.734	-28.905	211.554	0	87.803	-24.587	-119.983	-149
12/31/1994	3652	31	-20.848	-4.622	-25.528	196.268	0	84.938	-36.226	-109.373	-85
1/31/1995	3683	31	-1565.612	-32.8	-62.296	1619.005	-3.345	54.159	-139.918	-547.601	537
2/28/1995	3711	28	313.634	-42.945	-70.402	190.493	-1.385	129.085	-84.256	-223.446	-211
3/31/1995	3742	31	-718.92	-46.585	-117.172	942.175	-0.636	128.222	-116.385	-342.558	287
4/30/1995	3772	30	224.082	-46.224	-132.574	185.959	-0.062	120.875	-87.896	-159.893	-104
5/31/1995	3803	31	356.34	-21.994	-98.371	197.757	0	196.73	-44.512	-145.793	-440
6/30/1995	3833	30	42.719	-9.722	-80.684	185.968	0	174.767	-40.256	-115.566	-157
7/31/1995	3864	31	100.401	-7.69	-79.858	200.873	0	157.748	-35.526	-114.666	-221
8/31/1995	3895	31	81.162	-6.38	-73.329	200.892	0	148.498	-31.853	-109.299	-210
9/30/1995	3925	30	63.235	-5.88	-56.246	199.22	0	137.776	-30.553	-103.159	-204
10/31/1995	3956	31	44.996	-6.55	-49.609	200.794	0	138.843	-35.349	-102.501	-191
11/30/1995	3986	30	10.74	-7.824	-36.818	199.117	0	128.345	-40.413	-97.412	-156
12/31/1995	4017	31	-47.046	-12.981	-33.808	292.753	0	118.723	-48.805	-147.387	-121
1/31/1996	4048	31	12.738	-17.131	-40.88	200.713	0	112.97	-51.58	-114.697	-102
2/29/1996	4077	29	-359.181	-23.733	-47.19	670.094	0	87.198	-59.719	-251.532	-6
3/31/1996	4108	31	70.56	-29.869	-76.563	208.281	0	94.63	-61.268	-130.6	-75
4/30/1996	4138	30	87.473	-24.674	-84.358	186.764	0	103.868	-51.037	-102.003	-116
5/31/1996	4169	31	120.72	-19.647	-92.959	178.211	0	127.387	-44.153	-90.666	-179
6/30/1996	4199	30	125.154	-12.362	-82.566	176.481	0	143.922	-33.417	-85.447	-232
7/31/1996	4230	31	63.117	-7.942	-79.566	216.068	0	156.44	-28.286	-95.303	-225
8/31/1996	4261	31	50.195	-6.525	-72.791	216.069	0	155.48	-25.768	-97.48	-219
9/30/1996	4291	30	37.567	-5.675	-55.061	214.306	0	147.974	-23.892	-97.266	-218
10/31/1996	4322	31	-20.221	-7.06	-49.961	208.803	0	141.261	-38.618	-113.696	-121
11/30/1996	4352	30	-52.24	-9.175	-38.05	328.609	0	135.478	-37.54	-148.053	-178
12/31/1996	4383	31	-330.511	-20.564	-37.634	595.916	0	116.914	-62.08	-233.239	-21
1/31/1997	4414	31	-240.739	-30.9	-50.027	542.516	0	115.46	-70.715	-215.898	-44
2/28/1997	4442	28	138.702	-29.263	-50.598	167.779	0	118.719	-50.935	-96.372	-198
3/31/1997	4473	31	34.348	-25.048	-72.224	173.19	0	128.398	-50.949	-94.912	-93
4/30/1997	4503	30	113.415	-20.575	-79.334	171.404	0	132.347	-41.68	-86.552	-189
5/31/1997	4534	31	131.547	-14.03	-85.008	173.204	0	154.638	-34.211	-85.327	-241
6/30/1997	4564	30	95.61	-8.341	-76.095	171.416	0	155.93	-26.709	-81.829	-230
7/31/1997	4595	31	59.417	-6.815	-75.969	208.583	0	158.952	-24.556	-93.994	-226
8/31/1997	4626	31	58.915	-5.81	-70.649	208.58	0	158.058	-23.014	-96.726	-229
9/30/1997	4656	30	43.559	-5.226	-53.932	206.782	0	149.303	-22.95	-96.522	-221
10/31/1997	4687	31	37.335	-5.521	-47.011	208.57	0	150.006	-25.595	-100.336	-217
11/30/1997	4717	30	-63.41	-6.541	-34.72	328.268	0	136.362	-31.506	-146.382	-182
12/31/1997	4748	31	-451.831	-17.889	-35.9	765.908	0	112.576	-59.467	-269.374	-35
1/31/1998	4779	31	-103.5	-27.493	-46.83	381.481	0	98.232	-62.54	-179.092	-57
2/28/1998	4807	28	-2054.347	-66.588	-85.104	1979.34	-3.566	37.63	-170.418	-513.916	655
3/31/1998	4838	31	269.024	-79.589	-150.345	362.14	-2.5	71.81	-123.616	-280.897	-64

Flow Budget for Layer 1 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	Tile Drains	ET	RECHARGE	Santa Paula A	Oxnard L1	Offshore	Mound L2-L4	Net Stream Percolation
4/30/1998	4868	30	105.783	-68.371	-172.412	227.917	-0.023	85.769	-132.854	-188.463	143
5/31/1998	4899	31	196.573	-64.314	-195.174	282.828	0	101.649	-118.383	-181.569	-20
6/30/1998	4929	30	372.167	-38.57	-126.482	210.962	0	156.54	-67.186	-130.118	-377
7/31/1998	4960	31	271.301	-22.744	-104.173	163.228	0	188.548	-60.857	-115.063	-320
8/31/1998	4991	31	84.528	-15.2	-91.379	163.217	0	169.665	-52.856	-105.14	-153
9/30/1998	5021	30	132.613	-13.636	-69.297	160.751	0	152.706	-46.065	-95.253	-222
10/31/1998	5052	31	100.233	-13.053	-58.99	163.233	0	155.15	-47.283	-91.688	-208
11/30/1998	5082	30	33.201	-15.149	-43.041	176.02	0	141.555	-51.842	-99.666	-141
12/31/1998	5113	31	29.419	-21.802	-39.151	156.746	0	129.052	-57.747	-82.599	-114
1/31/1999	5144	31	-36.121	-25.6	-46.599	264.007	0	122.206	-61.819	-129.867	-86
2/28/1999	5172	28	42.693	-28.323	-49.88	166.904	0	108.476	-59.535	-87.839	-92
3/31/1999	5203	31	-64.388	-30.248	-77.373	357.762	0	126.624	-62.933	-148.111	-100
4/30/1999	5233	30	-27.474	-31.197	-91.763	281.028	0	113.984	-64.236	-128.126	-52
5/31/1999	5264	31	91.255	-29.774	-106.878	170.696	0	125.509	-59.739	-85.605	-105
6/30/1999	5294	30	134.087	-23.22	-98.206	168.815	0	140.578	-48.148	-82.803	-191
7/31/1999	5325	31	156.394	-15.907	-92.789	177.406	0	167.483	-38.798	-82.619	-271
8/31/1999	5356	31	100.078	-9.993	-81.296	177.422	0	175.111	-34.377	-83.562	-243
9/30/1999	5386	30	63.965	-7.97	-61.036	175.523	0	167.202	-30.411	-83.055	-224
10/31/1999	5417	31	63.61	-8.038	-52.497	177.404	0	171.781	-29.748	-86.328	-236
11/30/1999	5447	30	36.338	-8.431	-37.504	188.598	0	161.231	-31.883	-97.853	-210
12/31/1999	5478	31	39.214	-10.032	-32.022	177.383	0	163.115	-32.726	-87.283	-218
1/31/2000	5509	31	19.415	-11.105	-36.776	235.734	0	162.79	-32.478	-119.88	-218
2/29/2000	5538	29	-566.035	-19.642	-43.718	854.328	-0.249	128.075	-57.149	-273.908	-9
3/31/2000	5569	31	43.141	-30.858	-76.836	303.734	-0.049	133.119	-60.761	-166.566	-144
4/30/2000	5599	30	-22.768	-23.126	-81.96	391.005	0	140.627	-46.365	-163.418	-191
5/31/2000	5630	31	93.351	-19.457	-92.099	213.538	0	149.942	-43.046	-112.84	-189
6/30/2000	5660	30	-7.579	-18.786	-90.672	211.594	0	133.195	-49.403	-108.988	-69
7/31/2000	5691	31	170.281	-16.12	-92.23	182.135	0	154.032	-38.949	-96.483	-263
8/31/2000	5722	31	117.952	-9.415	-80.136	182.138	0	162.118	-31.902	-93.913	-247
9/30/2000	5752	30	86.105	-7.204	-59.29	180.165	0	154.523	-26.711	-91.019	-237
10/31/2000	5783	31	64.593	-7.352	-50.968	193.158	0	157.379	-30.882	-107.155	-219
11/30/2000	5813	30	39.79	-7.907	-36.76	180.155	0	148.451	-33.296	-89.577	-201
12/31/2000	5844	31	45.515	-8.832	-31.279	182.109	0	151.175	-33.423	-93.318	-212
1/31/2001	5875	31	-338.08	-15.631	-39.394	678.061	0	135.003	-49.298	-239.954	-123
2/28/2001	5903	28	-388.067	-22.348	-44.819	692.996	-0.118	114.524	-60.391	-240.964	-41
3/31/2001	5934	31	-320.812	-43.916	-101.193	677.399	-0.089	109.531	-93.38	-243.793	25
4/30/2001	5964	30	197.609	-31.886	-92.446	191.524	0	130.672	-56.587	-128.128	-211
5/31/2001	5995	31	160.394	-21.536	-96.418	192.023	0	150.06	-46.416	-109.486	-229
6/30/2001	6025	30	143.362	-13.645	-84.793	190.307	0	154.75	-36.523	-100.541	-253
7/31/2001	6056	31	137.538	-9.061	-82.295	164.715	0	164.422	-34.523	-94.401	-246
8/31/2001	6087	31	110.565	-7.4	-75.885	164.703	0	160.861	-32.092	-90.374	-230
9/30/2001	6117	30	98.789	-6.472	-57.332	162.989	0	152.609	-26.88	-86.755	-237
10/31/2001	6148	31	74.916	-6.537	-49.253	164.698	0	158.58	-29.617	-88.42	-224
11/30/2001	6178	30	-95.241	-8.325	-37.052	368.391	0	143.957	-39.691	-154.051	-176
12/31/2001	6209	31	39.825	-12.318	-33.241	187.078	0	140.284	-42.341	-105.261	-174
1/31/2002	6240	31	77.413	-13.163	-38.177	157.458	0	141.253	-38.3	-90.192	-196
2/28/2002	6268	28	78.806	-10.577	-37.021	133.965	0	133.952	-29.654	-69.169	-200
3/31/2002	6299	31	79.999	-9.56	-55.965	139.356	0	153.704	-30.031	-74.585	-203
4/30/2002	6329	30	80.619	-7.902	-62.42	137.553	0	152.377	-26.253	-72.321	-202
5/31/2002	6360	31	91.666	-6.856	-70.947	139.369	0	158.768	-23.655	-74.256	-214
6/30/2002	6390	30	78.178	-5.663	-67.21	137.577	0	151.462	-22.119	-72.908	-199
7/31/2002	6421	31	45.455	-5.159	-69.446	187.926	0	152.677	-22.784	-86.463	-202
8/31/2002	6452	31	52.83	-4.629	-65.714	187.949	0	149.238	-22.332	-89.467	-208

Flow Budget for Layer 1 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	Tile Drains	ET	RECHARGE	Santa Paula A	Oxnard L1	Offshore	Mound L2-L4	Net Stream Percolation
9/30/2002	6482	30	41.931	-4.128	-50.315	186.152	0	140.677	-20.322	-89.545	-204
10/31/2002	6513	31	29.638	-4.622	-44.259	187.894	0	139.033	-25.139	-93.605	-189
11/30/2002	6543	30	-275.586	-7.656	-35.652	578.619	0	122.849	-39.391	-196.508	-141
12/31/2002	6574	31	-175.204	-13.783	-33.658	435.516	0	116.657	-48.161	-177.825	-99
1/31/2003	6605	31	124.018	-14.238	-38.648	154.11	0	130.213	-35.709	-98.896	-221
2/28/2003	6633	28	-284.129	-16.003	-40.375	544.923	0	106.041	-46.114	-199.243	-59
3/31/2003	6664	31	-81.672	-22.698	-68.492	393.896	0	115.263	-54.269	-169.17	-110
4/30/2003	6694	30	49.412	-22.512	-80.678	156.324	0	104.893	-53.489	-103.629	-50
5/31/2003	6725	31	139.672	-20.249	-93.317	196.855	0	123.95	-45.308	-108.872	-193
6/30/2003	6755	30	128.544	-10.122	-79.306	152.28	0	138.475	-29.621	-82.519	-218
7/31/2003	6786	31	106.165	-6.959	-76.324	165.354	0	143.979	-25.001	-88.386	-219
8/31/2003	6817	31	93.178	-5.559	-69.273	165.354	0	139.116	-23.954	-89.885	-209
9/30/2003	6847	30	73.313	-4.719	-52.168	163.489	0	128.893	-23.186	-89.013	-197
10/31/2003	6878	31	56.999	-4.92	-45.284	165.3	0	128.451	-27.276	-92.941	-180
11/30/2003	6908	30	0.033	-5.797	-33.261	238.202	0	117.726	-31.874	-122.662	-162
12/31/2003	6939	31	-1.77	-7.533	-29.327	194.811	0	115.444	-40.587	-111.656	-119
1/31/2004	6970	31	16.051	-9.182	-35.413	172.617	0	109.457	-40.255	-92.375	-121
2/29/2004	6999	29	-360.061	-14.092	-40.207	638.679	0	88.432	-51.688	-223.925	-29
3/31/2004	7030	31	96.57	-19.579	-65.845	161.187	0	96.675	-52.929	-105.433	-111
4/30/2004	7060	30	143.429	-10.767	-67.318	173.278	0	111.52	-30.561	-97.143	-222
5/31/2004	7091	31	104.935	-6.541	-70.547	175.324	0	119.464	-24.457	-97.035	-201
6/30/2004	7121	30	79.865	-4.73	-64.659	173.283	0	112.599	-23.273	-94.739	-178
7/31/2004	7152	31	85.079	-3.756	-65.232	182.679	0	113.805	-23.714	-105.498	-183
8/31/2004	7183	31	75.93	-3.016	-60.969	182.682	0	111.4	-24.534	-108.155	-173
9/30/2004	7213	30	64.573	-2.605	-46.997	180.658	0	103.649	-24.237	-107.46	-168
10/31/2004	7244	31	-236.278	-5.232	-45.595	498.601	0	94.383	-48.025	-202.712	-50
11/30/2004	7274	30	98.556	-6.312	-34.436	180.611	0	86.882	-33.998	-115.205	-176
12/31/2004	7305	31	-339.946	-10.027	-31.342	601.6	0	77.201	-58.718	-239.383	9
1/31/2005	7336	31	-1036.274	-65.819	-86.275	1033.396	-0.274	8.018	-196.304	-376.57	699
2/28/2005	7364	28	-763.008	-77.244	-89.359	858.823	-0.302	18.716	-184.524	-286.969	537
3/31/2005	7395	31	163.1	-85.33	-159.329	336.323	-0.021	65.095	-144.53	-196.398	24
4/30/2005	7425	30	338.159	-50.947	-132.433	167.16	0	119.636	-83.134	-133.298	-225
5/31/2005	7456	31	327.084	-29.611	-109.751	165.01	0	163.976	-60.818	-118.844	-337
6/30/2005	7486	30	328.395	-7.542	-74.281	163.274	0	206.687	-19.896	-107.279	-489
7/31/2005	7517	31	3.445	-4.96	-69.415	151.388	0	185.691	-42.729	-101.485	-122
8/31/2005	7548	31	82.713	-6.241	-72.508	151.333	0	145.418	-44.846	-95.519	-160
9/30/2005	7578	30	80.597	-6.443	-57.734	149.557	0	126.482	-41.861	-88.587	-162
10/31/2005	7609	31	6.803	-9.63	-54.462	178.69	0	107.98	-54.894	-102.585	-72
11/30/2005	7639	30	68.079	-13.144	-41.413	147.749	0	97.2	-50.508	-80.835	-127
12/31/2005	7670	31	73.055	-13.903	-34.749	149.276	0	103.492	-48.538	-81.257	-147
1/31/2006	7701	31	-144.328	-19.886	-42.779	351.489	0	81.516	-61.7	-144.339	-18
2/28/2006	7729	28	-93.642	-23.625	-46.45	315.745	0	62.97	-59.042	-131.101	-24
3/31/2006	7760	31	-126.238	-29.674	-76.677	421.436	0	74.093	-67.899	-156.382	-36
4/30/2006	7790	30	-211.674	-35.323	-104.129	486.648	0	72.83	-82.461	-171.067	50
5/31/2006	7821	31	148.412	-30.377	-108.145	213.588	0	105.861	-63.417	-112.883	-153
6/30/2006	7851	30	106.65	-20.303	-95.087	215.181	0	125.093	-49.492	-98.203	-184
7/31/2006	7882	31	107.783	-15.788	-93.07	157.456	0	140.323	-49.464	-83.264	-164
8/31/2006	7913	31	134.14	-10.288	-82.354	157.457	0	149.983	-38.566	-77.89	-232
9/30/2006	7943	30	83.867	-7.216	-59.408	155.791	0	148.291	-32.612	-74.479	-214
10/31/2006	7974	31	56.188	-7.253	-50.813	157.417	0	151.208	-33.861	-75.995	-197
11/30/2006	8004	30	27.532	-8.058	-36.974	155.807	0	141.584	-37.514	-74.133	-168
12/31/2006	8035	31	31.892	-9.291	-31.8	172.774	0	145.077	-37.747	-83.797	-187
1/31/2007	8066	31	-55.407	-11.152	-37.077	284.15	0	140.157	-39.862	-114.858	-166

Flow Budget for Layer 1 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	Tile Drains	ET	RECHARGE	Santa Paula A	Oxnard L1	Offshore	Mound L2-L4	Net Stream Percolation
2/28/2007	8094	28	0.771	-11.674	-37.866	202.102	0	125.872	-36.701	-85.497	-157
3/31/2007	8125	31	20.26	-11.043	-57.778	215.302	0	149.863	-35.263	-81.781	-200
4/30/2007	8155	30	28.326	-8.601	-64.402	206.191	0	149.53	-32.531	-91.265	-187
5/31/2007	8186	31	29.61	-7.472	-73.472	215.322	0	157.979	-29.548	-81.468	-211
6/30/2007	8216	30	21.662	-6.036	-69.159	213.62	0	152.8	-26.731	-81.779	-204
7/31/2007	8247	31	76.423	-5.275	-70.684	166.418	0	154.601	-26.473	-83.241	-212
8/31/2007	8278	31	71.901	-4.579	-66.538	166.411	0	151.012	-25.414	-84.355	-208
9/30/2007	8308	30	54.133	-4.367	-51.573	164.267	0	140.991	-25.96	-83.902	-194
10/31/2007	8339	31	50.694	-4.881	-45.503	166.377	0	141.031	-28.483	-87.34	-192
11/30/2007	8369	30	44.198	-5.321	-32.733	164.691	0	131.324	-28.296	-86.341	-188
12/31/2007	8400	31	-64.325	-7.514	-29.455	276.844	0	124.142	-40.368	-132.051	-126
1/31/2008	8431	31	-672.177	-20.635	-44.314	854.21	-0.011	101.907	-79.337	-264.747	139
2/29/2008	8460	29	92.308	-32.827	-56.662	197.721	0	103.361	-71.811	-124.499	-108
3/31/2008	8491	31	180.761	-25.36	-72.97	146.86	0	139.649	-49.463	-93.375	-226
4/30/2008	8521	30	82.425	-15.745	-73.998	145.234	0	136.848	-41.39	-87.221	-146
5/31/2008	8552	31	134.248	-10.883	-80.703	146.884	0	144.821	-32.43	-86.15	-216
6/30/2008	8582	30	84.815	-7.447	-73.96	145.26	0	139.058	-29.75	-83.018	-175
7/31/2008	8613	31	78.958	-6.423	-74.628	171.987	0	142.896	-27.194	-88.359	-197
8/31/2008	8644	31	52.078	-5.769	-70.073	171.975	0	139.068	-29.514	-89.225	-169
9/30/2008	8674	30	63.532	-5.206	-53.685	170.318	0	127.405	-26.226	-88.125	-188
10/31/2008	8705	31	63.711	-5.035	-45.742	171.954	0	125.945	-26.357	-91.426	-193
11/30/2008	8735	30	-38.839	-6.251	-33.939	254.27	0	115.65	-35.808	-123.767	-131
12/31/2008	8766	31	-34.041	-8.994	-31.027	244.246	0	106.027	-42.816	-121.76	-112
1/31/2009	8797	31	69.396	-10.365	-36.358	134.747	0	107.427	-38.381	-81.513	-145
2/28/2009	8825	28	-306.265	-15.52	-40.092	516.136	0	79.527	-51.489	-176.098	-1
3/31/2009	8856	31	105.208	-21.184	-67.442	134.999	0	92.041	-52.345	-87.567	-104
4/30/2009	8886	30	125.539	-13.345	-70.477	136.722	0	107.388	-34.348	-78.919	-173
5/31/2009	8917	31	141.864	-7.831	-74.426	138.276	0	116.398	-25.325	-78.546	-210
6/30/2009	8947	30	109.663	-5.303	-66.388	136.722	0	111.387	-20.325	-75.938	-190
7/31/2009	8978	31	70.348	-4.037	-65.772	183.494	0	113.741	-20.233	-88.667	-189
8/31/2009	9009	31	61.251	-3.102	-60.924	183.488	0	111.064	-21.04	-91.495	-179
9/30/2009	9039	30	44.695	-2.597	-46.903	181.916	0	103.025	-21.277	-91.544	-167
10/31/2009	9070	31	11.891	-3.691	-42.273	198.929	0	97.357	-32.212	-114.39	-116
11/30/2009	9100	30	34.901	-4.118	-30.575	181.901	0	90.623	-27.283	-93.678	-152
12/31/2009	9131	31	-130.512	-7.001	-28.41	316.788	0	78.483	-48.079	-143.635	-37
1/31/2010	9162	31	-373.387	-15.232	-39.23	639.476	0	62.334	-61.162	-219.649	14
2/28/2010	9190	28	-197.421	-22.453	-45.247	477.201	0	52.16	-62.889	-174.262	-23
3/31/2010	9221	31	43.581	-23.726	-70.703	205.717	0	68.504	-59.399	-105.19	-59
4/30/2010	9251	30	30.391	-19.323	-78.219	210.877	0	67.013	-54.718	-114.215	-42
5/31/2010	9282	31	79.279	-15.487	-87.865	206.247	0	75.578	-47.777	-92.235	-118
6/30/2010	9312	30	109.468	-7.93	-75.644	204.746	0	92.266	-32.662	-87.355	-203
7/31/2010	9343	31	135.326	-4.842	-70.012	151.678	0	98.599	-25.918	-88.606	-196
8/31/2010	9374	31	117.589	-3.2	-62.611	151.704	0	96.068	-24.901	-90.322	-184
9/30/2010	9404	30	94.949	-2.251	-47.433	150.223	0	88.714	-24.32	-89.36	-171
10/31/2010	9435	31	17.461	-2.417	-41.289	261.12	0	84.711	-29.024	-129.179	-161
11/30/2010	9465	30	63.455	-3.126	-29.606	154.715	0	75.864	-32.577	-98.317	-130
12/31/2010	9496	31	-552.061	-8.985	-30.057	852.817	0	68.171	-63.37	-269.502	15
1/31/2011	9527	31	201.741	-11.955	-37.526	141.743	0	80.078	-43.693	-108.692	-222
2/28/2011	9555	28	-99.199	-8.872	-35.519	284.623	0	70.137	-45.67	-134.042	-29
3/31/2011	9586	31	-235.391	-18.395	-65.137	471.633	0	57.833	-71.143	-186.973	53
4/30/2011	9616	30	100.632	-21.842	-81.445	140.052	0	55.577	-62.312	-95.446	-35
5/31/2011	9647	31	139.119	-15.51	-88.184	136.491	0	82.404	-51.327	-88.312	-115
6/30/2011	9677	30	89.695	-10.651	-80.889	140.05	0	83.988	-45.637	-80.754	-96

Flow Budget for Layer 1 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	Tile Drains	ET	RECHARGE	Santa Paula A	Oxnard L1	Offshore	Mound L2-L4	Net Stream Percolation
7/31/2011	9708	31	152.367	-6.721	-76.167	146.099	0	94.477	-30.86	-83.122	-196
8/31/2011	9739	31	108.462	-4.417	-65.767	146.059	0	97.472	-26.007	-82.531	-173
9/30/2011	9769	30	94.247	-3.046	-48.395	144.592	0	92.657	-22.105	-80.192	-178
10/31/2011	9800	31	48.856	-2.958	-41.705	176.707	0	95.103	-27.459	-98.858	-150
11/30/2011	9830	30	-1.352	-3.761	-30.002	197.594	0	89.761	-31.458	-99.358	-121
12/31/2011	9861	31	30.112	-4.873	-25.893	146.063	0	90.967	-33.378	-79.632	-123
1/31/2012	9892	31	27.594	-5.139	-29.604	205.091	0	89.337	-29.39	-100.281	-158
2/29/2012	9921	29	32.254	-4.637	-29.963	161.656	0	84.191	-25.918	-77.314	-140
3/31/2012	9952	31	-69.06	-6.135	-47.732	241.942	0	85.969	-41.036	-114.021	-50
4/30/2012	9982	30	-44.394	-8.101	-61.649	241.683	0	73.558	-43.683	-108.202	-49
5/31/2012	10013	31	106.186	-6.578	-69.867	164.772	0	86.632	-28.972	-81.284	-171
6/30/2012	10043	30	76.917	-3.918	-61.31	163.216	0	92.248	-19.563	-78.483	-169
7/31/2012	10074	31	71.152	-2.569	-61.864	163.871	0	97.677	-19.318	-85.821	-163
8/31/2012	10105	31	65.832	-1.641	-58.357	163.883	0	98.205	-18.98	-88.342	-161
9/30/2012	10135	30	52.198	-1.019	-44.759	162.318	0	93.217	-17.609	-88.139	-156
10/31/2012	10166	31	49.301	-0.946	-38.816	157.136	0	93.145	-19.861	-90.752	-149
11/30/2012	10196	30	28.42	-1.496	-27.742	171.49	0	83.645	-22.498	-98.991	-133
12/31/2012	10227	31	-39.521	-2.561	-23.722	273.081	0	79.33	-25.896	-127.753	-133
1/31/2013	10258	31	59.141	-3.03	-27.14	147.627	0	81.555	-24.042	-92.922	-141
2/28/2013	10286	28	43.084	-2.569	-26.781	134.904	0	76.416	-19.189	-75.616	-130
3/31/2013	10317	31	55.881	-2.409	-41.539	157.115	0	85.991	-19.977	-94.132	-141
4/30/2013	10347	30	63.034	-1.635	-47.247	138.127	0	85.293	-17.082	-80.658	-140
5/31/2013	10378	31	68.319	-0.803	-55.011	139.724	0	90.221	-16.183	-84.01	-142
6/30/2013	10408	30	62.851	-0.08	-52.003	138.141	0	87.17	-14.448	-82.756	-139
7/31/2013	10439	31	50.033	0	-52.786	158.082	0	89.11	-14.602	-91.168	-139
8/31/2013	10470	31	48.802	0	-49.411	158.072	0	87.115	-14.291	-93.121	-137
9/30/2013	10500	30	36.31	0	-38.233	156.487	0	80.643	-14.377	-92.493	-128
10/31/2013	10531	31	34.347	0	-33.497	158.061	0	79.033	-16.074	-96.533	-125
11/30/2013	10561	30	26.24	0	-24.108	153.558	0	71.627	-16.867	-94.923	-116
12/31/2013	10592	31	29.973	0	-20.475	158.051	0	70.11	-17.31	-98.977	-121
1/31/2014	10623	31	41.667	0	-22.94	155.596	0	69.715	-15.577	-101.117	-127
2/28/2014	10651	28	-184.019	-0.309	-23.909	419.336	0	59.498	-22.034	-166.158	-80
3/31/2014	10682	31	16.044	-3.462	-42.327	177.85	0	60.096	-37.741	-121.106	-49
4/30/2014	10712	30	84.35	-0.824	-44.14	154.112	0	68.448	-13.772	-102.357	-146
5/31/2014	10743	31	74.744	0	-47.381	155.608	0	74.669	-11.651	-105.4	-141
6/30/2014	10773	30	57.959	0	-43.209	154.137	0	71.75	-12.071	-103.525	-125
7/31/2014	10804	31	58.582	0	-42.74	162.696	0	73.954	-11.47	-102.554	-138
8/31/2014	10835	31	51.333	0	-38.73	162.665	0	73.592	-11.39	-103.398	-134
9/30/2014	10865	30	37.932	0	-29.189	161.215	0	68.547	-11.41	-101.375	-126
10/31/2014	10896	31	37.196	0	-24.975	162.718	0	67.561	-12.405	-104.944	-125
11/30/2014	10926	30	24.002	0	-17.641	177.759	0	58.547	-14.053	-116.253	-112
12/31/2014	10957	31	-223.164	0	-17.369	443.817	0	50.347	-32.863	-186.945	-31
1/31/2015	10988	31	61.738	0	-21.784	159.653	0	46.127	-26.99	-122.362	-96
2/28/2015	11016	28	81.533	0	-20.504	120.439	0	45.465	-14.278	-91.239	-121
3/31/2015	11047	31	88.265	0	-29.104	118.521	0	54.955	-13.263	-95.177	-124
4/30/2015	11077	30	77.17	0	-30.233	127.099	0	55.154	-10.498	-93.075	-126
5/31/2015	11108	31	68.11	0	-32.911	121.667	0	57.665	-12.328	-92.904	-109
6/30/2015	11138	30	70.203	0	-29.651	127.195	0	55.317	-9.815	-90.65	-123
7/31/2015	11169	31	60.34	0	-28.426	132.537	0	57.625	-9.598	-90.297	-122
8/31/2015	11200	31	44.201	0	-25.364	149.204	0	57.577	-9.239	-94.115	-122
9/30/2015	11230	30	47.935	0	-19.146	123.897	0	53.54	-9.788	-88.904	-108
10/31/2015	11261	31	33.837	0	-16.373	149.18	0	53.464	-9.561	-96.032	-115
11/30/2015	11291	30	26.395	0	-11.448	147.887	0	50.385	-8.957	-95.721	-109

Flow Budget for Layer 1 in Mound Basin											
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	Tile Drains	ET	RECHARGE	Santa Paula A	Oxnard L1	Offshore	Mound L2-L4	Net Stream Percolation
12/31/2015	11322	31	27.984	0	-9.453	149.191	0	50.429	-9.369	-99.806	-109

Flow Budget for Layers 2 to 4 in Mound Basin												
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet									
			STORAGE	RECHARGE	Pumping from Wells	Santa Paula A	Mound L1	Santa Paula B	Oxnard UAS	Offshore	Mound L5	
1/31/1985	31	31	-390	19	-3	7	160	1	153	1	53	
2/28/1985	59	28	-432	23	-3	6	149	1	178	-1	78	
3/31/1985	90	31	-408	20	-3	6	135	1	180	0	68	
4/30/1985	120	30	-136	13	-6	5	93	1	81	6	-56	
5/31/1985	151	31	64	13	-6	5	92	1	-5	6	-170	
6/30/1985	181	30	209	13	-6	4	91	1	-63	7	-256	
7/31/1985	212	31	277	12	-5	4	92	1	-65	2	-318	
8/31/1985	243	31	302	12	-5	3	92	1	-82	2	-326	
9/30/1985	273	30	313	12	-5	3	91	1	-89	3	-329	
10/31/1985	304	31	292	12	-5	3	93	1	-83	4	-318	
11/30/1985	334	30	11	37	-1	5	235	1	-33	-1	-255	
12/31/1985	365	31	123	12	-5	5	108	1	-39	2	-207	
1/31/1986	396	31	-100	35	-2	6	222	1	1	0	-164	
2/28/1986	424	28	-301	64	-1	8	341	1	37	-2	-180	
3/31/1986	455	31	-359	45	-1	8	273	2	82	-3	-49	
4/30/1986	485	30	-384	25	-4	6	177	2	140	-1	40	
5/31/1986	516	31	-271	13	-8	4	130	2	132	7	-10	
6/30/1986	546	30	-85	13	-8	3	116	2	67	9	-117	
7/31/1986	577	31	1	11	-3	3	98	2	34	6	-152	
8/31/1986	608	31	5	11	-2	4	89	2	32	6	-147	
9/30/1986	638	30	12	18	-1	4	113	2	20	2	-170	
10/31/1986	669	31	142	11	-1	4	86	2	-33	6	-216	
11/30/1986	699	30	87	19	-1	4	115	2	-24	2	-204	
12/31/1986	730	31	137	11	-1	4	86	2	-46	6	-198	
1/31/1987	761	31	-25	24	-2	3	143	2	-2	1	-144	
2/28/1987	789	28	-90	23	-2	3	131	2	12	1	-79	
3/31/1987	820	31	-158	24	-2	3	142	2	44	-1	-54	
4/30/1987	850	30	-8	12	-6	2	85	2	-2	7	-91	
5/31/1987	881	31	134	12	-6	0	89	2	-53	9	-187	
6/30/1987	911	30	233	12	-6	0	88	2	-86	10	-253	
7/31/1987	942	31	253	12	-5	1	96	2	-96	11	-273	
8/31/1987	973	31	212	12	-5	2	98	2	-87	12	-245	
9/30/1987	1003	30	229	11	-5	2	97	2	-97	12	-252	
10/31/1987	1034	31	103	22	-3	3	137	2	-52	4	-216	
11/30/1987	1064	30	93	18	-3	3	117	2	-54	5	-181	
12/31/1987	1095	31	-60	33	-1	4	211	2	-24	2	-170	
1/31/1988	1126	31	-142	26	-2	5	171	2	5	2	-68	
2/29/1988	1155	29	-174	21	-3	4	128	2	31	5	-13	
3/31/1988	1186	31	-90	12	-5	3	97	2	18	9	-46	
4/30/1988	1216	30	-230	31	-2	3	199	2	59	1	-65	
5/31/1988	1247	31	-64	12	-5	3	109	2	11	9	-76	
6/30/1988	1277	30	-11	12	-5	2	99	2	2	10	-111	
7/31/1988	1308	31	75	12	-6	1	93	2	-2	9	-184	
8/31/1988	1339	31	152	12	-6	0	94	2	-32	10	-232	
9/30/1988	1369	30	202	12	-5	0	93	2	-57	10	-256	
10/31/1988	1400	31	227	12	-5	0	96	2	-70	11	-272	
11/30/1988	1430	30	157	18	-5	2	113	2	-60	8	-235	
12/31/1988	1461	31	-4	32	-3	4	199	2	-31	3	-204	
1/31/1989	1492	31	110	12	-4	3	101	2	-69	10	-164	
2/28/1989	1520	28	-58	29	-3	3	180	2	-19	3	-140	
3/31/1989	1551	31	-40	17	-4	4	116	2	-26	8	-76	
4/30/1989	1581	30	27	12	-4	2	91	2	-31	10	-108	

Flow Budget for Layers 2 to 4 in Mound Basin											
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	RECHARGE	Pumping from Wells	Santa Paula A	Mound L1	Santa Paula B	Oxnard UAS	Offshore	Mound L5
5/31/1989	1612	31	82	12	-4	2	94	2	-45	11	-153
6/30/1989	1642	30	103	12	-4	1	92	2	-56	11	-161
7/31/1989	1673	31	146	12	-4	0	95	2	-54	12	-208
8/31/1989	1704	31	157	12	-4	-1	96	2	-58	12	-216
9/30/1989	1734	30	164	12	-3	0	94	1	-63	13	-218
10/31/1989	1765	31	167	12	-3	0	97	1	-66	13	-222
11/30/1989	1795	30	148	11	-3	0	95	1	-64	13	-203
12/31/1989	1826	31	141	12	-2	0	99	1	-66	14	-199
1/31/1990	1857	31	14	22	-2	3	143	1	-38	8	-151
2/28/1990	1885	28	-12	20	-2	4	132	1	-38	8	-114
3/31/1990	1916	31	67	10	-2	3	97	1	-56	14	-135
4/30/1990	1946	30	100	10	-2	1	95	1	-63	14	-157
5/31/1990	1977	31	107	10	-2	1	91	1	-67	15	-157
6/30/1990	2007	30	135	10	-2	1	97	1	-74	15	-183
7/31/1990	2038	31	151	10	-1	1	93	1	-74	15	-196
8/31/1990	2069	31	154	10	-1	0	94	1	-76	16	-197
9/30/1990	2099	30	155	10	-1	0	92	1	-78	16	-196
10/31/1990	2130	31	142	10	-1	-1	95	1	-77	16	-186
11/30/1990	2160	30	136	10	-1	-1	94	1	-77	17	-179
12/31/1990	2191	31	125	10	-1	0	97	1	-77	17	-171
1/31/1991	2222	31	66	14	0	2	116	1	-68	15	-145
2/28/1991	2250	28	-59	24	0	4	171	1	-23	9	-126
3/31/1991	2281	31	-285	96	0	7	469	1	-3	7	-417
4/30/1991	2311	30	-134	8	-1	5	184	1	-26	15	-52
5/31/1991	2342	31	-155	8	-1	3	140	1	18	16	-29
6/30/1991	2372	30	-55	8	-1	2	118	1	-7	15	-80
7/31/1991	2403	31	34	8	-2	1	100	1	-20	16	-138
8/31/1991	2434	31	84	8	-2	1	92	1	-37	16	-162
9/30/1991	2464	30	112	8	-1	1	86	1	-50	16	-172
10/31/1991	2495	31	118	8	-1	1	88	1	-56	16	-174
11/30/1991	2525	30	97	8	-1	1	86	1	-55	16	-152
12/31/1991	2556	31	-121	32	-1	4	216	1	2	9	-143
1/31/1992	2587	31	-104	23	-1	6	163	1	-7	9	-90
2/29/1992	2616	29	-329	70	-1	7	359	1	41	6	-224
3/31/1992	2647	31	-496	44	-2	8	275	1	153	6	9
4/30/1992	2677	30	-368	8	-3	6	136	1	185	15	20
5/31/1992	2708	31	-229	9	-4	3	118	1	152	15	-63
6/30/1992	2738	30	-128	8	-4	2	105	1	93	14	-91
7/31/1992	2769	31	-30	8	-4	-2	106	1	56	12	-146
8/31/1992	2800	31	43	8	-4	-3	101	1	18	12	-176
9/30/1992	2830	30	86	8	-4	-3	97	1	-11	12	-185
10/31/1992	2861	31	-40	20	-4	1	126	0	1	11	-115
11/30/1992	2891	30	-192	8	-4	0	95	0	102	11	-21
12/31/1992	2922	31	-508	35	-4	3	230	0	241	3	-3
1/31/1993	2953	31	-642	62	-3	6	346	1	308	0	-100
2/28/1993	2981	28	-662	63	-2	7	344	1	330	-1	-134
3/31/1993	3012	31	-627	40	-3	8	257	1	357	-2	-33
4/30/1993	3042	30	-382	9	-8	2	146	1	281	7	-55
5/31/1993	3073	31	-452	9	-8	-3	131	1	319	7	-4
6/30/1993	3103	30	-237	9	-9	-3	118	1	223	7	-109
7/31/1993	3134	31	-56	9	-9	0	116	0	124	5	-190
8/31/1993	3165	31	65	9	-8	1	111	0	38	6	-222

Flow Budget for Layers 2 to 4 in Mound Basin											
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	RECHARGE	Pumping from Wells	Santa Paula A	Mound L1	Santa Paula B	Oxnard UAS	Offshore	Mound L5
9/30/1993	3195	30	13	9	-8	1	103	0	35	6	-160
10/31/1993	3226	31	-199	9	-8	1	101	0	126	6	-37
11/30/1993	3256	30	-359	9	-6	2	89	0	213	5	48
12/31/1993	3287	31	-462	18	-4	3	121	0	260	-2	65
1/31/1994	3318	31	-277	10	-8	4	88	0	174	5	4
2/28/1994	3346	28	-431	46	-2	4	248	0	191	-4	-54
3/31/1994	3377	31	-337	23	-3	6	152	0	175	-4	-12
4/30/1994	3407	30	-93	9	-8	5	95	0	74	5	-87
5/31/1994	3438	31	-5	10	-8	4	91	0	42	5	-139
6/30/1994	3468	30	98	9	-8	3	87	0	2	6	-198
7/31/1994	3499	31	209	10	-8	3	97	0	-27	5	-290
8/31/1994	3530	31	291	10	-8	3	98	0	-58	5	-343
9/30/1994	3560	30	274	10	-7	3	98	0	-63	6	-320
10/31/1994	3591	31	147	10	-8	3	96	0	-30	6	-225
11/30/1994	3621	30	-107	19	-4	3	120	0	54	0	-86
12/31/1994	3652	31	-142	16	-5	4	109	0	86	0	-69
1/31/1995	3683	31	-610	131	-1	6	548	1	180	-6	-385
2/28/1995	3711	28	-667	17	-6	5	223	1	281	-2	149
3/31/1995	3742	31	-823	77	-2	6	343	1	338	-7	20
4/30/1995	3772	30	-407	9	-10	2	160	1	239	1	5
5/31/1995	3803	31	-497	16	-8	0	146	1	298	-1	45
6/30/1995	3833	30	-216	9	-11	-1	116	1	185	1	-84
7/31/1995	3864	31	-266	9	-6	-1	115	1	207	0	-58
8/31/1995	3895	31	-314	9	-6	0	109	1	237	-1	-35
9/30/1995	3925	30	-258	9	-6	-1	103	0	213	-1	-61
10/31/1995	3956	31	-215	9	-6	-1	103	0	200	-1	-89
11/30/1995	3986	30	-162	9	-5	-1	97	0	174	-1	-111
12/31/1995	4017	31	-296	25	-2	2	147	0	211	-7	-80
1/31/1996	4048	31	-230	19	-4	3	115	0	179	-7	-76
2/29/1996	4077	29	-370	51	-1	4	252	0	180	-9	-109
3/31/1996	4108	31	-378	20	-3	5	131	1	235	-8	-2
4/30/1996	4138	30	-244	13	-5	4	102	1	181	-3	-49
5/31/1996	4169	31	-3	9	-7	2	91	1	87	-3	-177
6/30/1996	4199	30	184	9	-7	0	85	0	1	-2	-272
7/31/1996	4230	31	374	9	-7	-1	95	0	-63	-2	-406
8/31/1996	4261	31	468	9	-7	-2	97	0	-102	-2	-463
9/30/1996	4291	30	484	9	-7	-2	97	0	-120	-1	-461
10/31/1996	4322	31	372	18	-4	0	114	0	-87	-4	-410
11/30/1996	4352	30	107	26	-2	2	148	0	-9	-6	-267
12/31/1996	4383	31	-243	46	-1	4	233	1	100	-8	-135
1/31/1997	4414	31	-570	44	-1	5	216	1	265	-8	47
2/28/1997	4442	28	-440	8	-5	4	96	1	275	-3	64
3/31/1997	4473	31	-329	9	-5	1	95	1	252	-3	-20
4/30/1997	4503	30	-127	9	-5	0	87	1	157	-3	-117
5/31/1997	4534	31	106	9	-5	0	85	0	48	-3	-240
6/30/1997	4564	30	267	9	-5	0	82	0	-30	-2	-319
7/31/1997	4595	31	415	10	-6	0	94	0	-109	1	-405
8/31/1997	4626	31	479	10	-6	1	97	0	-139	2	-443
9/30/1997	4656	30	418	9	-6	0	97	0	-125	2	-397
10/31/1997	4687	31	340	10	-6	0	100	0	-99	2	-348
11/30/1997	4717	30	124	27	-2	2	146	0	-29	-4	-265
12/31/1997	4748	31	-103	56	-1	4	269	0	15	-7	-235

Flow Budget for Layers 2 to 4 in Mound Basin												
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet									
			STORAGE	RECHARGE	Pumping from Wells	Santa Paula A	Mound L1	Santa Paula B	Oxnard UAS	Offshore	Mound L5	
1/31/1998	4779	31	-194	28	-3	5	179	1	69	-4	-84	
2/28/1998	4807	28	-721	153	-1	6	514	1	224	-7	-299	
3/31/1998	4838	31	-637	30	-3	8	281	1	260	-5	64	
4/30/1998	4868	30	-800	20	-5	6	188	1	391	-3	202	
5/31/1998	4899	31	-799	24	-3	6	182	1	420	-5	174	
6/30/1998	4929	30	-387	9	-12	3	130	1	237	7	12	
7/31/1998	4960	31	-283	8	-2	1	115	1	226	-6	-59	
8/31/1998	4991	31	-76	8	-1	1	105	1	131	-7	-163	
9/30/1998	5021	30	66	8	-1	2	95	1	62	-6	-227	
10/31/1998	5052	31	30	8	0	2	92	1	83	-6	-209	
11/30/1998	5082	30	-219	15	0	3	100	1	182	-8	-74	
12/31/1998	5113	31	-359	8	0	3	83	1	273	-8	0	
1/31/1999	5144	31	-418	24	0	4	130	1	266	-9	3	
2/28/1999	5172	28	-141	14	0	3	88	1	131	-4	-92	
3/31/1999	5203	31	-187	29	0	4	148	1	145	-10	-130	
4/30/1999	5233	30	-166	24	0	5	128	1	134	-10	-116	
5/31/1999	5264	31	21	9	0	3	86	1	76	-6	-190	
6/30/1999	5294	30	236	9	0	0	83	1	-21	-4	-303	
7/31/1999	5325	31	360	9	0	-1	83	1	-69	-4	-377	
8/31/1999	5356	31	440	9	0	-2	84	1	-106	-4	-421	
9/30/1999	5386	30	463	9	0	-1	83	1	-121	-3	-429	
10/31/1999	5417	31	406	9	0	-1	86	1	-104	-3	-394	
11/30/1999	5447	30	270	15	0	0	98	1	-62	-4	-318	
12/31/1999	5478	31	352	9	0	1	87	1	-90	-2	-357	
1/31/2000	5509	31	279	21	0	1	120	1	-73	-4	-345	
2/29/2000	5538	29	-5	68	0	3	274	1	-23	-7	-353	
3/31/2000	5569	31	-113	25	0	6	167	1	48	-6	-127	
4/30/2000	5599	30	-373	30	0	5	163	1	170	-6	9	
5/31/2000	5630	31	-182	9	0	1	113	1	134	0	-77	
6/30/2000	5660	30	105	9	0	-3	109	1	19	1	-241	
7/31/2000	5691	31	269	9	0	-2	96	1	-47	0	-326	
8/31/2000	5722	31	347	9	0	0	94	1	-83	1	-368	
9/30/2000	5752	30	333	9	0	0	91	1	-86	2	-348	
10/31/2000	5783	31	104	18	0	2	107	1	-11	-2	-219	
11/30/2000	5813	30	-28	9	0	2	90	1	50	1	-124	
12/31/2000	5844	31	14	9	0	1	93	1	48	1	-167	
1/31/2001	5875	31	-141	53	0	3	240	1	63	-6	-214	
2/28/2001	5903	28	-300	52	0	5	241	1	109	-6	-103	
3/31/2001	5934	31	-648	53	0	8	244	1	278	-8	70	
4/30/2001	5964	30	-632	17	0	6	128	1	341	-4	144	
5/31/2001	5995	31	-370	8	0	1	109	1	260	-1	-8	
6/30/2001	6025	30	-23	8	0	-3	101	1	100	0	-183	
7/31/2001	6056	31	198	8	0	-3	94	1	-6	-1	-290	
8/31/2001	6087	31	324	8	0	-2	90	1	-66	-1	-354	
9/30/2001	6117	30	340	8	0	-2	87	1	-80	0	-353	
10/31/2001	6148	31	145	8	0	-2	88	1	-4	0	-236	
11/30/2001	6178	30	-282	30	0	1	154	1	157	-6	-56	
12/31/2001	6209	31	-356	17	0	3	105	1	219	-6	17	
1/31/2002	6240	31	-306	15	0	3	90	1	205	-6	-1	
2/28/2002	6268	28	-91	7	0	2	69	1	108	-4	-93	
3/31/2002	6299	31	78	8	0	1	75	1	37	-4	-195	
4/30/2002	6329	30	232	8	0	1	72	1	-34	-4	-276	

Flow Budget for Layers 2 to 4 in Mound Basin											
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	RECHARGE	Pumping from Wells	Santa Paula A	Mound L1	Santa Paula B	Oxnard UAS	Offshore	Mound L5
5/31/2002	6360	31	327	8	0	0	74	1	-73	-3	-334
6/30/2002	6390	30	361	8	0	0	73	0	-91	-2	-349
7/31/2002	6421	31	412	8	0	1	86	0	-110	0	-398
8/31/2002	6452	31	420	8	0	1	89	0	-115	1	-405
9/30/2002	6482	30	374	8	0	1	90	0	-103	1	-371
10/31/2002	6513	31	285	8	0	1	94	0	-75	2	-314
11/30/2002	6543	30	80	44	0	2	197	0	-29	-4	-292
12/31/2002	6574	31	31	33	0	5	178	1	-10	-5	-234
1/31/2003	6605	31	130	8	0	5	99	1	-19	1	-225
2/28/2003	6633	28	-71	41	0	4	199	1	17	-4	-190
3/31/2003	6664	31	-187	30	0	7	169	1	66	-5	-84
4/30/2003	6694	30	-141	14	0	6	104	1	80	-1	-63
5/31/2003	6725	31	-238	18	0	6	109	1	127	-4	-19
6/30/2003	6755	30	-102	8	0	5	83	1	93	0	-87
7/31/2003	6786	31	133	8	0	2	88	1	23	0	-256
8/31/2003	6817	31	290	8	0	0	90	1	-38	1	-351
9/30/2003	6847	30	356	8	0	0	89	1	-63	2	-392
10/31/2003	6878	31	354	8	0	0	93	1	-70	2	-387
11/30/2003	6908	30	150	23	0	3	123	1	-39	-1	-259
12/31/2003	6939	31	119	18	0	5	112	1	-25	-2	-227
1/31/2004	6970	31	201	9	0	2	92	1	-20	2	-287
2/29/2004	6999	29	-119	49	0	4	224	1	19	-3	-177
3/31/2004	7030	31	-9	9	0	3	105	1	48	0	-158
4/30/2004	7060	30	11	9	0	0	97	1	65	2	-184
5/31/2004	7091	31	127	9	0	-1	97	1	20	2	-255
6/30/2004	7121	30	203	9	0	-1	95	1	-12	3	-298
7/31/2004	7152	31	257	9	0	-2	105	1	-57	5	-319
8/31/2004	7183	31	299	9	0	-3	108	1	-75	6	-345
9/30/2004	7213	30	300	9	0	-3	107	1	-83	7	-337
10/31/2004	7244	31	39	44	0	2	203	1	-39	0	-252
11/30/2004	7274	30	163	9	0	1	115	1	-52	6	-243
12/31/2004	7305	31	-75	51	0	3	239	1	-8	0	-213
1/31/2005	7336	31	-344	81	0	6	377	1	72	-2	-317
2/28/2005	7364	28	-563	64	0	7	287	1	193	-3	-51
3/31/2005	7395	31	-772	28	0	9	196	1	365	-3	174
4/30/2005	7425	30	-826	13	0	5	133	1	448	-1	228
5/31/2005	7456	31	-812	8	0	-1	119	1	467	1	217
6/30/2005	7486	30	-768	8	0	-2	107	1	473	1	181
7/31/2005	7517	31	-454	8	0	0	101	1	334	-3	13
8/31/2005	7548	31	-315	8	0	2	96	1	264	-4	-51
9/30/2005	7578	30	-227	8	0	2	89	1	218	-4	-86
10/31/2005	7609	31	-379	16	0	3	103	1	277	-6	-13
11/30/2005	7639	30	-256	8	0	3	81	1	240	-5	-71
12/31/2005	7670	31	-110	8	0	2	81	0	172	-5	-149
1/31/2006	7701	31	-165	27	0	4	144	1	151	-7	-157
2/28/2006	7729	28	-185	24	0	5	131	0	149	-6	-120
3/31/2006	7760	31	-334	30	0	7	156	1	217	-8	-71
4/30/2006	7790	30	-646	36	0	8	171	1	356	-9	81
5/31/2006	7821	31	-493	18	0	7	113	1	334	-6	27
6/30/2006	7851	30	-99	7	0	2	98	1	200	0	-210
7/31/2006	7882	31	32	7	0	1	83	1	128	-5	-247
8/31/2006	7913	31	168	7	0	2	78	1	60	-5	-311

Flow Budget for Layers 2 to 4 in Mound Basin											
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	RECHARGE	Pumping from Wells	Santa Paula A	Mound L1	Santa Paula B	Oxnard UAS	Offshore	Mound L5
9/30/2006	7943	30	226	7	0	2	74	1	27	-5	-333
10/31/2006	7974	31	169	7	0	2	76	1	55	-5	-305
11/30/2006	8004	30	146	7	0	2	74	1	65	-4	-290
12/31/2006	8035	31	132	13	0	3	84	1	58	-5	-286
1/31/2007	8066	31	64	22	0	4	115	1	62	-8	-260
2/28/2007	8094	28	122	14	0	4	85	1	45	-5	-266
3/31/2007	8125	31	178	8	0	3	82	1	46	-3	-314
4/30/2007	8155	30	196	15	0	3	91	1	17	-6	-316
5/31/2007	8186	31	376	8	0	3	81	1	-41	-2	-426
6/30/2007	8216	30	477	7	0	2	82	1	-81	-1	-486
7/31/2007	8247	31	523	8	0	1	83	1	-108	-1	-506
8/31/2007	8278	31	536	8	0	0	84	1	-117	-1	-511
9/30/2007	8308	30	458	8	0	0	84	1	-98	0	-453
10/31/2007	8339	31	312	8	0	0	87	1	-49	0	-360
11/30/2007	8369	30	235	8	0	0	86	1	-19	1	-312
12/31/2007	8400	31	114	25	0	3	132	1	1	-3	-273
1/31/2008	8431	31	-117	68	0	6	265	1	38	-5	-345
2/29/2008	8460	29	-203	18	0	7	124	1	119	-4	-62
3/31/2008	8491	31	-313	7	0	5	93	1	219	0	-13
4/30/2008	8521	30	-265	7	0	3	87	1	218	1	-52
5/31/2008	8552	31	-57	7	0	2	86	1	132	0	-171
6/30/2008	8582	30	147	7	0	2	83	1	33	1	-273
7/31/2008	8613	31	270	8	0	1	88	1	-15	0	-353
8/31/2008	8644	31	366	8	0	0	89	1	-53	1	-412
9/30/2008	8674	30	382	7	0	0	88	1	-64	2	-416
10/31/2008	8705	31	298	8	0	1	91	1	-42	2	-359
11/30/2008	8735	30	-2	21	0	3	124	1	38	-2	-184
12/31/2008	8766	31	-58	22	0	5	122	1	57	-3	-147
1/31/2009	8797	31	-19	7	0	5	82	1	49	-1	-124
2/28/2009	8825	28	-168	38	0	5	176	1	72	-4	-122
3/31/2009	8856	31	-124	7	0	6	88	1	93	-2	-68
4/30/2009	8886	30	-38	7	0	4	79	1	65	-1	-117
5/31/2009	8917	31	98	7	0	4	79	1	12	-1	-199
6/30/2009	8947	30	210	7	0	3	76	1	-31	-1	-266
7/31/2009	8978	31	382	7	0	0	89	1	-54	1	-427
8/31/2009	9009	31	406	7	0	-2	91	1	-67	3	-439
9/30/2009	9039	30	393	7	0	-2	92	1	-74	3	-420
10/31/2009	9070	31	245	19	0	2	114	1	-67	1	-315
11/30/2009	9100	30	301	7	0	2	94	1	-56	4	-353
12/31/2009	9131	31	92	26	0	3	144	1	-30	0	-237
1/31/2010	9162	31	-82	47	0	6	220	1	12	-1	-204
2/28/2010	9190	28	-151	32	0	7	174	1	49	-1	-113
3/31/2010	9221	31	-105	7	0	5	105	1	101	3	-118
4/30/2010	9251	30	-214	18	0	5	114	1	131	0	-56
5/31/2010	9282	31	-49	7	0	4	92	1	104	2	-160
6/30/2010	9312	30	58	6	0	2	87	1	56	3	-214
7/31/2010	9343	31	165	7	0	2	89	1	-13	4	-254
8/31/2010	9374	31	226	7	0	2	90	1	-44	5	-287
9/30/2010	9404	30	250	7	0	2	89	1	-60	5	-294
10/31/2010	9435	31	63	21	0	4	129	1	-24	1	-195
11/30/2010	9465	30	-1	13	0	4	98	1	2	2	-120
12/31/2010	9496	31	-277	63	0	6	270	1	77	-2	-166

Flow Budget for Layers 2 to 4 in Mound Basin											
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	RECHARGE	Pumping from Wells	Santa Paula A	Mound L1	Santa Paula B	Oxnard UAS	Offshore	Mound L5
1/31/2011	9527	31	-205	7	0	6	109	1	132	1	-50
2/28/2011	9555	28	-382	25	0	5	134	1	185	-2	33
3/31/2011	9586	31	-574	36	0	6	187	1	287	-4	59
4/30/2011	9616	30	-533	6	0	5	95	1	333	-1	93
5/31/2011	9647	31	-540	7	0	4	88	1	354	-1	87
6/30/2011	9677	30	-202	6	0	3	81	1	198	-1	-87
7/31/2011	9708	31	-59	7	0	2	83	1	111	-1	-144
8/31/2011	9739	31	83	7	0	2	83	1	40	-1	-214
9/30/2011	9769	30	165	6	0	1	80	1	-4	0	-249
10/31/2011	9800	31	22	16	0	3	99	1	27	-3	-164
11/30/2011	9830	30	-165	18	0	4	99	1	100	-4	-52
12/31/2011	9861	31	-84	7	0	3	80	1	97	-2	-101
1/31/2012	9892	31	-78	17	0	3	100	1	90	-4	-129
2/29/2012	9921	29	100	7	0	2	77	1	43	-2	-228
3/31/2012	9952	31	26	21	0	4	114	1	32	-4	-193
4/30/2012	9982	30	18	21	0	4	108	1	27	-5	-175
5/31/2012	10013	31	109	7	0	3	81	1	29	-2	-228
6/30/2012	10043	30	202	7	0	2	78	1	-1	-1	-288
7/31/2012	10074	31	284	7	0	1	86	1	-44	0	-335
8/31/2012	10105	31	329	7	0	0	88	1	-66	1	-360
9/30/2012	10135	30	337	7	0	0	88	1	-75	2	-360
10/31/2012	10166	31	281	7	0	0	91	1	-67	2	-315
11/30/2012	10196	30	110	15	0	2	99	1	-24	0	-204
12/31/2012	10227	31	55	25	0	5	128	1	-16	-2	-195
1/31/2013	10258	31	62	13	0	5	93	1	-8	-1	-165
2/28/2013	10286	28	119	7	0	4	76	1	-18	1	-188
3/31/2013	10317	31	104	13	0	3	94	1	-18	-1	-197
4/30/2013	10347	30	155	7	0	3	81	1	-33	1	-214
5/31/2013	10378	31	176	7	0	2	84	1	-43	2	-229
6/30/2013	10408	30	188	7	0	2	83	1	-49	2	-233
7/31/2013	10439	31	243	7	0	3	91	1	-57	4	-291
8/31/2013	10470	31	231	7	0	3	93	1	-58	4	-282
9/30/2013	10500	30	220	7	0	3	92	1	-59	5	-270
10/31/2013	10531	31	214	7	0	3	97	1	-62	5	-265
11/30/2013	10561	30	210	7	0	3	95	1	-62	6	-259
12/31/2013	10592	31	212	7	0	3	99	1	-63	6	-265
1/31/2014	10623	31	192	7	0	1	101	1	-67	6	-242
2/28/2014	10651	28	33	30	0	3	166	1	-40	2	-197
3/31/2014	10682	31	65	17	0	4	121	1	-44	4	-168
4/30/2014	10712	30	113	7	0	2	102	1	-46	6	-185
5/31/2014	10743	31	138	7	0	0	105	1	-52	7	-207
6/30/2014	10773	30	154	7	0	0	104	1	-57	7	-216
7/31/2014	10804	31	175	7	0	-1	103	1	-62	9	-232
8/31/2014	10835	31	174	7	0	-2	103	1	-61	10	-232
9/30/2014	10865	30	160	7	0	-2	101	1	-59	10	-218
10/31/2014	10896	31	148	7	0	-1	105	1	-59	11	-211
11/30/2014	10926	30	91	15	0	0	116	0	-50	8	-180
12/31/2014	10957	31	-1	32	0	3	187	0	-33	5	-196
1/31/2015	10988	31	15	15	0	5	122	1	-29	5	-133
2/28/2015	11016	28	67	5	0	2	91	0	-34	8	-140
3/31/2015	11047	31	79	6	0	1	95	0	-36	9	-154
4/30/2015	11077	30	88	6	0	0	93	0	-37	9	-160

Flow Budget for Layers 2 to 4 in Mound Basin											
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	RECHARGE	Pumping from Wells	Santa Paula A	Mound L1	Santa Paula B	Oxnard UAS	Offshore	Mound L5
5/31/2015	11108	31	99	6	0	0	93	0	-40	9	-168
6/30/2015	11138	30	104	6	0	0	91	0	-41	9	-168
7/31/2015	11169	31	117	6	0	-3	90	0	-51	10	-171
8/31/2015	11200	31	121	6	0	-4	94	0	-54	10	-173
9/30/2015	11230	30	110	6	0	-4	89	0	-53	10	-157
10/31/2015	11261	31	120	6	0	-4	96	0	-58	10	-171
11/30/2015	11291	30	115	6	0	-4	96	0	-57	10	-166
12/31/2015	11322	31	111	6	0	-4	100	0	-58	11	-166

Flow Budget for Layer 5 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet						
			STORAGE	Pumping from Wells	Santa Paula B	Mound L2-L4	Oxnard UAS	Offshore	Mound L6-L7
1/31/1985	31	31	-27	-112	27	-53	205	-12	-28
2/28/1985	59	28	-96	-63	26	-78	252	-28	-12
3/31/1985	90	31	-88	-98	30	-68	246	-23	0
4/30/1985	120	30	-4	-199	27	56	80	24	16
5/31/1985	151	31	30	-200	29	170	-74	27	17
6/30/1985	181	30	69	-200	29	256	-206	35	18
7/31/1985	212	31	67	-184	31	318	-251	5	13
8/31/1985	243	31	110	-184	31	326	-308	10	14
9/30/1985	273	30	130	-185	31	329	-338	20	13
10/31/1985	304	31	148	-185	32	318	-350	25	12
11/30/1985	334	30	43	-26	38	255	-245	-31	-33
12/31/1985	365	31	139	-178	35	207	-233	18	13
1/31/1986	396	31	12	-48	41	164	-126	-21	-24
2/28/1986	424	28	-103	-20	40	180	-8	-33	-56
3/31/1986	455	31	-78	-32	42	49	89	-38	-33
4/30/1986	485	30	-72	-71	37	-40	179	-20	-12
5/31/1986	516	31	21	-267	36	10	126	63	11
6/30/1986	546	30	48	-269	35	117	-13	74	8
7/31/1986	577	31	16	-139	39	152	-95	25	4
8/31/1986	608	31	26	-139	39	147	-100	21	6
9/30/1986	638	30	-16	-75	39	170	-106	-8	-4
10/31/1986	669	31	45	-138	39	216	-193	21	10
11/30/1986	699	30	10	-68	39	204	-178	-6	-2
12/31/1986	730	31	65	-138	39	198	-201	24	12
1/31/1987	761	31	-13	-54	40	144	-93	-16	-9
2/28/1987	789	28	-16	-68	36	79	-16	-8	-7
3/31/1987	820	31	-70	-53	40	54	59	-25	-7
4/30/1987	850	30	28	-180	35	91	-30	41	15
5/31/1987	881	31	76	-181	35	187	-177	50	11
6/30/1987	911	30	133	-182	34	253	-305	59	8
7/31/1987	942	31	173	-184	38	273	-373	67	6
8/31/1987	973	31	205	-184	38	245	-382	74	4
9/30/1987	1003	30	210	-184	37	252	-397	81	2
10/31/1987	1034	31	126	-68	42	216	-314	16	-19
11/30/1987	1064	30	138	-103	40	181	-274	28	-10
12/31/1987	1095	31	47	-36	44	170	-189	2	-37
1/31/1988	1126	31	-2	-45	45	68	-49	4	-21
2/29/1988	1155	29	-50	-82	41	13	63	24	-9
3/31/1988	1186	31	-35	-155	42	46	41	59	3
4/30/1988	1216	30	-124	-33	42	65	95	-6	-40
5/31/1988	1247	31	10	-157	42	76	-22	55	-3
6/30/1988	1277	30	24	-159	39	111	-75	65	-5
7/31/1988	1308	31	73	-245	38	184	-118	77	-9
8/31/1988	1339	31	110	-246	38	232	-203	81	-11
9/30/1988	1369	30	148	-247	37	256	-269	87	-12
10/31/1988	1400	31	179	-247	39	272	-320	92	-14

Flow Budget for Layer 5 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet						
			STORAGE	Pumping from Wells	Santa Paula B	Mound L2-L4	Oxnard UAS	Offshore	Mound L6-L7
11/30/1988	1430	30	153	-177	40	235	-301	71	-22
12/31/1988	1461	31	80	-50	44	204	-244	16	-49
1/31/1989	1492	31	165	-158	42	164	-275	73	-11
2/28/1989	1520	28	31	-37	40	140	-150	20	-43
3/31/1989	1551	31	59	-117	44	76	-102	58	-17
4/30/1989	1581	30	75	-159	40	108	-131	77	-10
5/31/1989	1612	31	98	-160	41	153	-200	82	-15
6/30/1989	1642	30	120	-161	40	161	-228	85	-17
7/31/1989	1673	31	175	-275	38	208	-239	110	-18
8/31/1989	1704	31	187	-275	39	216	-261	114	-20
9/30/1989	1734	30	195	-275	38	218	-274	118	-20
10/31/1989	1765	31	206	-276	40	222	-293	123	-22
11/30/1989	1795	30	210	-274	39	203	-283	127	-22
12/31/1989	1826	31	218	-272	40	199	-292	132	-24
1/31/1990	1857	31	128	-100	44	151	-253	73	-43
2/28/1990	1885	28	103	-109	41	114	-193	77	-33
3/31/1990	1916	31	144	-244	40	135	-192	133	-17
4/30/1990	1946	30	133	-242	38	157	-199	137	-24
5/31/1990	1977	31	141	-209	41	157	-233	135	-31
6/30/1990	2007	30	167	-241	38	183	-258	143	-34
7/31/1990	2038	31	188	-237	39	196	-294	147	-39
8/31/1990	2069	31	197	-235	39	197	-310	151	-38
9/30/1990	2099	30	197	-234	38	196	-313	153	-36
10/31/1990	2130	31	208	-234	39	186	-320	159	-38
11/30/1990	2160	30	206	-234	38	179	-313	161	-36
12/31/1990	2191	31	219	-234	39	171	-325	168	-38
1/31/1991	2222	31	182	-139	42	145	-328	142	-45
2/28/1991	2250	28	87	-44	39	126	-238	87	-57
3/31/1991	2281	31	-237	-15	43	417	-140	78	-145
4/30/1991	2311	30	-31	-177	32	52	30	145	-54
5/31/1991	2342	31	-101	-177	31	29	114	149	-47
6/30/1991	2372	30	-14	-177	31	80	-23	145	-45
7/31/1991	2403	31	26	-208	34	138	-105	153	-38
8/31/1991	2434	31	56	-208	37	162	-168	155	-34
9/30/1991	2464	30	79	-207	37	172	-210	155	-25
10/31/1991	2495	31	89	-208	38	174	-233	160	-22
11/30/1991	2525	30	81	-207	37	152	-202	159	-21
12/31/1991	2556	31	-52	-39	42	143	-120	90	-64
1/31/1992	2587	31	-34	-58	43	90	-93	98	-45
2/29/1992	2616	29	-298	-18	41	224	83	74	-106
3/31/1992	2647	31	-422	-29	42	-9	425	76	-84
4/30/1992	2677	30	-421	-190	35	-20	502	134	-40
5/31/1992	2708	31	-349	-191	36	63	343	131	-33
6/30/1992	2738	30	-212	-191	35	91	180	125	-30
7/31/1992	2769	31	-156	-147	30	146	55	104	-31
8/31/1992	2800	31	-88	-148	30	176	-44	105	-30

Flow Budget for Layer 5 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet						
			STORAGE	Pumping from Wells	Santa Paula B	Mound L2-L4	Oxnard UAS	Offshore	Mound L6-L7
9/30/1992	2830	30	-31	-149	29	185	-112	105	-28
10/31/1992	2861	31	-75	-77	38	115	-52	89	-37
11/30/1992	2891	30	-215	-148	31	21	237	97	-24
12/31/1992	2922	31	-458	-34	40	3	486	35	-72
1/31/1993	2953	31	-599	-37	42	100	592	18	-117
2/28/1993	2981	28	-621	-47	38	134	607	7	-118
3/31/1993	3012	31	-515	-74	38	33	624	2	-109
4/30/1993	3042	30	-292	-246	22	55	467	56	-63
5/31/1993	3073	31	-251	-260	22	4	485	48	-48
6/30/1993	3103	30	-218	-245	24	109	330	42	-41
7/31/1993	3134	31	-180	-200	30	190	171	31	-41
8/31/1993	3165	31	-73	-190	30	222	20	32	-41
9/30/1993	3195	30	-8	-190	28	160	16	34	-40
10/31/1993	3226	31	-48	-190	29	37	186	29	-44
11/30/1993	3256	30	-116	-178	29	-48	335	21	-44
12/31/1993	3287	31	-202	-71	33	-65	404	-28	-70
1/31/1994	3318	31	-103	-151	31	-4	271	12	-56
2/28/1994	3346	28	-195	-18	31	54	289	-50	-111
3/31/1994	3377	31	-121	-40	34	12	264	-51	-99
4/30/1994	3407	30	-12	-150	28	87	105	1	-60
5/31/1994	3438	31	1	-151	27	139	37	-1	-51
6/30/1994	3468	30	29	-152	25	198	-58	3	-45
7/31/1994	3499	31	61	-198	27	290	-139	9	-50
8/31/1994	3530	31	76	-199	27	343	-207	16	-57
9/30/1994	3560	30	96	-199	26	320	-209	25	-60
10/31/1994	3591	31	89	-199	27	225	-102	25	-64
11/30/1994	3621	30	-15	-87	29	86	93	-22	-84
12/31/1994	3652	31	-38	-113	30	69	161	-21	-88
1/31/1995	3683	31	-431	-8	22	385	307	-68	-207
2/28/1995	3711	28	-43	-98	3	-149	443	-31	-125
3/31/1995	3742	31	-215	-13	10	-20	497	-79	-180
4/30/1995	3772	30	1	-198	-2	-5	332	-18	-111
5/31/1995	3803	31	-49	-133	5	-45	381	-41	-117
6/30/1995	3833	30	-2	-198	5	84	231	-23	-97
7/31/1995	3864	31	-20	-191	13	58	269	-31	-98
8/31/1995	3895	31	-44	-191	17	35	324	-37	-103
9/30/1995	3925	30	-42	-191	18	61	294	-37	-104
10/31/1995	3956	31	-42	-191	21	89	276	-42	-110
11/30/1995	3986	30	-33	-191	20	111	239	-40	-107
12/31/1995	4017	31	-111	-52	28	80	286	-93	-138
1/31/1996	4048	31	-68	-60	29	76	239	-88	-128
2/29/1996	4077	29	-101	-12	30	109	240	-107	-159
3/31/1996	4108	31	-55	-51	30	2	303	-102	-127
4/30/1996	4138	30	-17	-108	25	49	225	-74	-99
5/31/1996	4169	31	3	-139	21	177	100	-73	-89
6/30/1996	4199	30	22	-140	19	272	-22	-67	-83

Flow Budget for Layer 5 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet						
			STORAGE	Pumping from Wells	Santa Paula B	Mound L2-L4	Oxnard UAS	Offshore	Mound L6-L7
7/31/1996	4230	31	62	-214	18	406	-135	-54	-84
8/31/1996	4261	31	78	-214	18	463	-213	-44	-87
9/30/1996	4291	30	112	-215	18	461	-257	-32	-87
10/31/1996	4322	31	62	-104	25	410	-220	-70	-104
11/30/1996	4352	30	33	-49	29	267	-85	-83	-112
12/31/1996	4383	31	-24	-22	33	135	115	-100	-136
1/31/1997	4414	31	-80	-17	34	-47	347	-108	-129
2/28/1997	4442	28	-20	-155	22	-64	338	-52	-69
3/31/1997	4473	31	-50	-157	22	20	297	-66	-66
4/30/1997	4503	30	-30	-157	20	117	175	-64	-61
5/31/1997	4534	31	1	-157	20	240	23	-67	-61
6/30/1997	4564	30	36	-157	20	319	-104	-59	-56
7/31/1997	4595	31	82	-167	22	405	-247	-40	-55
8/31/1997	4626	31	102	-168	22	443	-313	-32	-54
9/30/1997	4656	30	112	-168	22	397	-287	-23	-51
10/31/1997	4687	31	107	-168	23	348	-233	-24	-53
11/30/1997	4717	30	15	-39	28	265	-113	-81	-76
12/31/1997	4748	31	-27	-11	33	235	-23	-98	-109
1/31/1998	4779	31	-9	-42	33	84	93	-82	-77
2/28/1998	4807	28	-354	-3	23	299	307	-98	-174
3/31/1998	4838	31	-56	-44	12	-64	343	-94	-98
4/30/1998	4868	30	-61	-73	10	-202	483	-84	-73
5/31/1998	4899	31	-110	-59	15	-174	506	-102	-77
6/30/1998	4929	30	16	-211	7	-12	282	-26	-55
7/31/1998	4960	31	-36	-159	15	59	277	-91	-64
8/31/1998	4991	31	-6	-158	19	163	141	-93	-66
9/30/1998	5021	30	9	-158	20	227	51	-86	-63
10/31/1998	5052	31	10	-158	23	209	70	-90	-64
11/30/1998	5082	30	-31	-88	27	74	193	-107	-68
12/31/1998	5113	31	-28	-149	27	0	311	-102	-58
1/31/1999	5144	31	-91	-31	28	-3	311	-134	-80
2/28/1999	5172	28	-17	-96	22	92	150	-94	-57
3/31/1999	5203	31	-79	-24	28	130	180	-146	-89
4/30/1999	5233	30	-52	-28	27	116	157	-141	-79
5/31/1999	5264	31	18	-116	21	190	56	-111	-57
6/30/1999	5294	30	31	-117	19	303	-77	-102	-57
7/31/1999	5325	31	48	-131	19	377	-154	-98	-61
8/31/1999	5356	31	60	-131	20	421	-219	-91	-60
9/30/1999	5386	30	70	-131	20	429	-252	-80	-57
10/31/1999	5417	31	87	-131	22	394	-236	-78	-58
11/30/1999	5447	30	63	-78	25	318	-175	-91	-62
12/31/1999	5478	31	98	-130	24	357	-226	-71	-52
1/31/2000	5509	31	60	-74	28	345	-206	-90	-64
2/29/2000	5538	29	-34	-16	31	353	-110	-104	-121
3/31/2000	5569	31	40	-50	32	127	30	-101	-79
4/30/2000	5599	30	-19	-39	31	-9	214	-103	-76

Flow Budget for Layer 5 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet						
			STORAGE	Pumping from Wells	Santa Paula B	Mound L2-L4	Oxnard UAS	Offshore	Mound L6-L7
5/31/2000	5630	31	40	-198	22	77	155	-47	-48
6/30/2000	5660	30	51	-202	20	241	-18	-36	-55
7/31/2000	5691	31	57	-157	24	326	-143	-47	-61
8/31/2000	5722	31	78	-156	25	368	-215	-41	-59
9/30/2000	5752	30	92	-155	24	348	-223	-32	-55
10/31/2000	5783	31	46	-82	31	219	-90	-60	-63
11/30/2000	5813	30	62	-153	26	124	23	-31	-50
12/31/2000	5844	31	35	-155	26	167	15	-32	-56
1/31/2001	5875	31	-63	-25	34	214	42	-91	-111
2/28/2001	5903	28	-74	-22	34	103	147	-88	-101
3/31/2001	5934	31	-125	-22	39	-70	387	-106	-103
4/30/2001	5964	30	-74	-112	31	-144	433	-73	-61
5/31/2001	5995	31	-40	-195	19	8	306	-44	-54
6/30/2001	6025	30	-5	-197	15	183	101	-37	-60
7/31/2001	6056	31	8	-141	17	290	-52	-57	-66
8/31/2001	6087	31	43	-140	18	354	-159	-54	-62
9/30/2001	6117	30	62	-139	17	353	-191	-45	-57
10/31/2001	6148	31	58	-139	19	236	-71	-46	-57
11/30/2001	6178	30	-50	-34	30	56	181	-95	-87
12/31/2001	6209	31	-69	-67	30	-17	283	-94	-66
1/31/2002	6240	31	-77	-79	31	1	273	-91	-59
2/28/2002	6268	28	-27	-112	21	93	139	-67	-47
3/31/2002	6299	31	-9	-113	22	195	37	-77	-55
4/30/2002	6329	30	27	-113	20	276	-87	-70	-53
5/31/2002	6360	31	52	-114	21	334	-171	-68	-53
6/30/2002	6390	30	69	-113	20	349	-216	-59	-50
7/31/2002	6421	31	101	-174	24	398	-259	-38	-52
8/31/2002	6452	31	112	-175	25	405	-281	-31	-55
9/30/2002	6482	30	115	-175	24	371	-260	-20	-55
10/31/2002	6513	31	107	-175	25	314	-193	-19	-59
11/30/2002	6543	30	3	-26	32	292	-123	-75	-103
12/31/2002	6574	31	13	-33	36	234	-88	-76	-87
1/31/2003	6605	31	105	-229	34	225	-77	-12	-46
2/28/2003	6633	28	-29	-31	33	190	-14	-63	-86
3/31/2003	6664	31	-25	-45	38	84	96	-73	-75
4/30/2003	6694	30	23	-189	34	63	137	-26	-43
5/31/2003	6725	31	-57	-92	35	19	207	-61	-51
6/30/2003	6755	30	15	-229	30	87	153	-17	-39
7/31/2003	6786	31	40	-280	25	256	29	-23	-48
8/31/2003	6817	31	71	-280	24	351	-103	-14	-48
9/30/2003	6847	30	90	-277	24	392	-179	-4	-46
10/31/2003	6878	31	121	-280	25	387	-209	1	-47
11/30/2003	6908	30	52	-98	32	259	-153	-32	-61
12/31/2003	6939	31	55	-119	34	227	-112	-35	-49
1/31/2004	6970	31	140	-382	27	287	-66	21	-27
2/29/2004	6999	29	-58	-39	33	177	12	-43	-83

Flow Budget for Layer 5 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet						
			STORAGE	Pumping from Wells	Santa Paula B	Mound L2-L4	Oxnard UAS	Offshore	Mound L6-L7
3/31/2004	7030	31	71	-342	29	158	106	8	-29
4/30/2004	7060	30	39	-383	24	184	133	26	-23
5/31/2004	7091	31	71	-383	25	255	28	30	-25
6/30/2004	7121	30	111	-383	24	298	-64	38	-24
7/31/2004	7152	31	117	-285	21	319	-185	42	-28
8/31/2004	7183	31	153	-286	21	345	-252	48	-30
9/30/2004	7213	30	192	-286	21	337	-291	56	-29
10/31/2004	7244	31	70	-41	36	252	-225	-13	-80
11/30/2004	7274	30	176	-284	25	243	-183	50	-27
12/31/2004	7305	31	-6	-32	38	213	-116	-14	-84
1/31/2005	7336	31	-311	-11	38	317	118	-31	-121
2/28/2005	7364	28	-278	-12	28	51	347	-35	-101
3/31/2005	7395	31	-289	-40	26	-174	587	-40	-70
4/30/2005	7425	30	-229	-131	11	-228	652	-18	-58
5/31/2005	7456	31	-163	-189	7	-217	625	-2	-61
6/30/2005	7486	30	-171	-190	8	-181	608	-6	-67
7/31/2005	7517	31	-142	-184	18	-13	436	-36	-80
8/31/2005	7548	31	-104	-184	21	51	347	-45	-86
9/30/2005	7578	30	-80	-185	21	86	291	-47	-87
10/31/2005	7609	31	-122	-90	28	13	352	-78	-103
11/30/2005	7639	30	-70	-184	23	71	309	-59	-91
12/31/2005	7670	31	-59	-180	22	149	232	-64	-100
1/31/2006	7701	31	-84	-96	30	157	212	-90	-129
2/28/2006	7729	28	-61	-98	29	120	210	-83	-115
3/31/2006	7760	31	-86	-78	33	71	298	-105	-133
4/30/2006	7790	30	-96	-63	32	-81	454	-111	-135
5/31/2006	7821	31	-35	-170	29	-27	399	-88	-109
6/30/2006	7851	30	55	-401	16	210	243	-38	-85
7/31/2006	7882	31	-14	-226	20	247	158	-79	-107
8/31/2006	7913	31	6	-226	20	311	84	-81	-115
9/30/2006	7943	30	21	-225	20	333	38	-73	-114
10/31/2006	7974	31	23	-226	21	305	71	-74	-120
11/30/2006	8004	30	29	-225	20	290	71	-67	-117
12/31/2006	8035	31	12	-194	23	286	71	-74	-124
1/31/2007	8066	31	-27	-121	28	260	85	-93	-133
2/28/2007	8094	28	27	-236	22	266	76	-56	-100
3/31/2007	8125	31	67	-376	22	314	87	-25	-89
4/30/2007	8155	30	9	-213	25	316	25	-63	-98
5/31/2007	8186	31	99	-376	23	426	-73	-18	-81
6/30/2007	8216	30	105	-374	21	486	-160	-5	-74
7/31/2007	8247	31	83	-255	21	506	-238	-34	-82
8/31/2007	8278	31	109	-255	21	511	-277	-28	-81
9/30/2007	8308	30	120	-254	23	453	-248	-18	-74
10/31/2007	8339	31	109	-254	23	360	-147	-16	-76
11/30/2007	8369	30	94	-254	23	312	-93	-10	-72
12/31/2007	8400	31	7	-73	32	273	-84	-55	-100

Flow Budget for Layer 5 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet						
			STORAGE	Pumping from Wells	Santa Paula B	Mound L2-L4	Oxnard UAS	Offshore	Mound L6-L7
1/31/2008	8431	31	-119	-22	37	345	-20	-72	-148
2/29/2008	8460	29	32	-90	31	62	112	-53	-93
3/31/2008	8491	31	64	-243	25	13	232	-21	-71
4/30/2008	8521	30	-3	-245	23	52	254	-18	-64
5/31/2008	8552	31	-13	-246	26	171	149	-23	-65
6/30/2008	8582	30	16	-246	25	273	13	-19	-62
7/31/2008	8613	31	36	-255	25	353	-76	-13	-69
8/31/2008	8644	31	66	-256	25	412	-166	-8	-72
9/30/2008	8674	30	87	-256	24	416	-200	0	-71
10/31/2008	8705	31	111	-256	25	359	-166	3	-75
11/30/2008	8735	30	19	-76	32	184	-28	-38	-92
12/31/2008	8766	31	-4	-79	35	147	34	-43	-90
1/31/2009	8797	31	4	-133	33	124	65	-24	-69
2/28/2009	8825	28	-97	-21	33	122	118	-53	-102
3/31/2009	8856	31	-29	-132	32	68	166	-32	-73
4/30/2009	8886	30	-27	-133	29	117	113	-29	-70
5/31/2009	8917	31	3	-134	29	199	7	-30	-74
6/30/2009	8947	30	39	-134	28	266	-105	-23	-71
7/31/2009	8978	31	135	-346	23	427	-179	3	-64
8/31/2009	9009	31	166	-346	23	439	-234	14	-62
9/30/2009	9039	30	203	-345	23	420	-265	24	-58
10/31/2009	9070	31	147	-138	33	315	-286	-3	-68
11/30/2009	9100	30	233	-343	26	353	-253	32	-47
12/31/2009	9131	31	127	-84	35	237	-229	-13	-73
1/31/2010	9162	31	45	-45	39	204	-130	-23	-90
2/28/2010	9190	28	-8	-61	36	113	2	-18	-64
3/31/2010	9221	31	8	-364	33	118	180	52	-28
4/30/2010	9251	30	-124	-168	34	56	238	6	-42
5/31/2010	9282	31	-40	-365	31	160	195	45	-27
6/30/2010	9312	30	0	-364	28	214	101	52	-31
7/31/2010	9343	31	48	-255	30	254	-73	34	-37
8/31/2010	9374	31	111	-256	30	287	-174	40	-38
9/30/2010	9404	30	159	-256	29	294	-236	46	-36
10/31/2010	9435	31	61	-69	34	195	-161	-5	-56
11/30/2010	9465	30	57	-180	31	120	-7	17	-38
12/31/2010	9496	31	-202	-20	37	166	159	-27	-113
1/31/2011	9527	31	-63	-254	33	50	265	18	-50
2/28/2011	9555	28	-186	-62	33	-33	324	-20	-57
3/31/2011	9586	31	-308	-35	39	-59	476	-41	-71
4/30/2011	9616	30	-192	-254	33	-93	536	1	-31
5/31/2011	9647	31	-184	-255	32	-87	527	-2	-33
6/30/2011	9677	30	-116	-256	29	87	294	-3	-35
7/31/2011	9708	31	-93	-178	25	144	161	-17	-43
8/31/2011	9739	31	-38	-179	25	214	46	-19	-48
9/30/2011	9769	30	9	-180	24	249	-38	-16	-49
10/31/2011	9800	31	-30	-78	30	164	20	-44	-62

Flow Budget for Layer 5 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet						
			STORAGE	Pumping from Wells	Santa Paula B	Mound L2-L4	Oxnard UAS	Offshore	Mound L6-L7
11/30/2011	9830	30	-48	-67	29	52	148	-52	-63
12/31/2011	9861	31	-9	-179	26	101	141	-30	-50
1/31/2012	9892	31	-56	-114	30	129	136	-56	-67
2/29/2012	9921	29	32	-286	24	228	70	-17	-50
3/31/2012	9952	31	-44	-84	31	193	38	-56	-79
4/30/2012	9982	30	-22	-84	31	175	33	-57	-75
5/31/2012	10013	31	50	-286	27	228	53	-21	-52
6/30/2012	10043	30	52	-287	25	288	-15	-11	-52
7/31/2012	10074	31	56	-209	25	335	-134	-11	-61
8/31/2012	10105	31	106	-209	25	360	-214	-6	-62
9/30/2012	10135	30	136	-209	24	360	-253	3	-61
10/31/2012	10166	31	159	-209	26	315	-235	7	-62
11/30/2012	10196	30	90	-111	30	204	-126	-20	-67
12/31/2012	10227	31	50	-58	34	195	-111	-33	-77
1/31/2013	10258	31	56	-102	35	165	-75	-23	-56
2/28/2013	10286	28	71	-157	27	188	-86	-1	-43
3/31/2013	10317	31	50	-103	32	197	-102	-18	-55
4/30/2013	10347	30	102	-157	29	214	-143	2	-46
5/31/2013	10378	31	130	-158	29	229	-188	6	-48
6/30/2013	10408	30	144	-158	28	233	-214	12	-47
7/31/2013	10439	31	184	-247	31	291	-241	27	-46
8/31/2013	10470	31	197	-247	32	282	-254	35	-43
9/30/2013	10500	30	207	-246	31	270	-262	41	-41
10/31/2013	10531	31	231	-247	32	265	-287	47	-41
11/30/2013	10561	30	230	-246	32	259	-288	52	-39
12/31/2013	10592	31	234	-246	33	265	-302	58	-40
1/31/2014	10623	31	216	-187	30	242	-311	55	-44
2/28/2014	10651	28	100	-33	32	197	-244	16	-69
3/31/2014	10682	31	136	-94	35	168	-226	30	-49
4/30/2014	10712	30	145	-185	30	185	-194	56	-37
5/31/2014	10743	31	159	-186	31	207	-229	63	-43
6/30/2014	10773	30	177	-187	30	216	-257	67	-46
7/31/2014	10804	31	220	-240	28	232	-289	94	-45
8/31/2014	10835	31	212	-240	28	232	-290	100	-43
9/30/2014	10865	30	212	-239	27	218	-280	102	-41
10/31/2014	10896	31	217	-239	29	211	-282	107	-42
11/30/2014	10926	30	154	-134	31	180	-261	79	-49
12/31/2014	10957	31	53	-39	38	196	-227	49	-70
1/31/2015	10988	31	69	-72	38	133	-181	53	-41
2/28/2015	11016	28	95	-161	29	140	-150	73	-25
3/31/2015	11047	31	96	-163	33	154	-174	82	-29
4/30/2015	11077	30	103	-163	30	160	-181	83	-32
5/31/2015	11108	31	106	-163	31	168	-196	87	-33
6/30/2015	11138	30	110	-163	30	168	-200	88	-34
7/31/2015	11169	31	117	-148	25	171	-236	103	-31
8/31/2015	11200	31	119	-147	24	173	-240	104	-32

Flow Budget for Layer 5 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet						
			STORAGE	Pumping from Wells	Santa Paula B	Mound L2-L4	Oxnard UAS	Offshore	Mound L6-L7
9/30/2015	11230	30	105	-117	23	157	-235	96	-29
10/31/2015	11261	31	118	-145	25	171	-247	107	-28
11/30/2015	11291	30	118	-146	24	166	-242	107	-28
12/31/2015	11322	31	124	-146	26	166	-252	111	-29

Flow Budget for Layers 6 to 7 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	Mountain Front Recharge	Recharge	Pumping from Wells	Santa Paula B	Mound L5	Oxnard LAS	Offshore	Mound L8-L11
1/31/1985	31	31	364	34	41	-226	180	28	-340	-156	75
2/28/1985	59	28	82	59	58	-137	161	12	-310	-110	187
3/31/1985	90	31	100	36	47	-192	178	0	-386	-103	319
4/30/1985	120	30	349	0	15	-400	173	-16	-498	-67	444
5/31/1985	151	31	354	0	15	-399	181	-17	-518	-57	441
6/30/1985	181	30	353	0	15	-399	177	-18	-515	-49	436
7/31/1985	212	31	467	0	14	-607	186	-13	-483	-41	478
8/31/1985	243	31	460	0	14	-606	190	-14	-475	-37	468
9/30/1985	273	30	462	0	14	-606	186	-13	-466	-30	453
10/31/1985	304	31	459	0	14	-606	194	-12	-477	-28	456
11/30/1985	334	30	-234	380	136	-91	185	33	-294	-71	-47
12/31/1985	365	31	415	0	14	-575	189	-13	-439	-45	454
1/31/1986	396	31	-132	298	119	-161	192	24	-311	-71	40
2/28/1986	424	28	-785	777	267	-73	169	56	-253	-79	-58
3/31/1986	455	31	-420	481	170	-118	182	33	-283	-90	43
4/30/1986	485	30	114	63	68	-283	178	12	-335	-74	256
5/31/1986	516	31	721	0	18	-934	197	-11	-535	-15	558
6/30/1986	546	30	693	0	18	-932	200	-8	-523	11	543
7/31/1986	577	31	246	0	17	-408	204	-4	-445	-17	406
8/31/1986	608	31	252	0	17	-409	203	-6	-452	-28	423
9/30/1986	638	30	40	19	43	-206	196	4	-353	-48	305
10/31/1986	669	31	267	0	17	-410	201	-10	-459	-37	430
11/30/1986	699	30	52	52	45	-198	194	2	-359	-49	261
12/31/1986	730	31	284	0	17	-410	200	-12	-459	-35	417
1/31/1987	761	31	6	91	63	-205	198	9	-314	-54	205
2/28/1987	789	28	31	63	60	-225	177	7	-288	-49	224
3/31/1987	820	31	-17	106	65	-196	196	7	-296	-61	197
4/30/1987	850	30	451	0	9	-662	189	-15	-432	-15	475
5/31/1987	881	31	462	0	9	-661	198	-11	-447	0	449
6/30/1987	911	30	464	0	9	-661	194	-8	-447	8	441
7/31/1987	942	31	435	0	16	-584	208	-6	-516	10	437
8/31/1987	973	31	437	0	16	-584	212	-4	-531	11	442
9/30/1987	1003	30	444	0	15	-584	209	-2	-530	14	433
10/31/1987	1034	31	37	91	58	-220	216	19	-366	-27	193
11/30/1987	1064	30	155	55	42	-345	208	10	-397	-26	298
12/31/1987	1095	31	-185	312	116	-108	212	37	-308	-48	-28
1/31/1988	1126	31	-63	170	80	-193	212	21	-305	-51	130
2/29/1988	1155	29	105	94	56	-345	201	9	-343	-31	254
3/31/1988	1186	31	424	0	16	-700	220	-3	-448	2	489
4/30/1988	1216	30	-172	215	101	-138	210	40	-259	-30	33
5/31/1988	1247	31	405	0	16	-716	221	3	-436	3	505
6/30/1988	1277	30	420	0	15	-715	218	5	-430	22	465
7/31/1988	1308	31	365	0	16	-707	222	9	-395	31	459
8/31/1988	1339	31	360	0	16	-706	223	11	-398	32	463
9/30/1988	1369	30	365	0	16	-706	217	12	-396	35	457
10/31/1988	1400	31	353	0	16	-706	226	14	-407	36	466
11/30/1988	1430	30	146	17	38	-456	221	22	-350	19	342
12/31/1988	1461	31	-243	305	109	-139	226	49	-258	-20	-30
1/31/1989	1492	31	351	0	13	-548	229	11	-470	14	401
2/28/1989	1520	28	-173	219	96	-119	207	43	-256	-9	-8
3/31/1989	1551	31	175	0	14	-389	230	17	-410	6	357
4/30/1989	1581	30	338	0	13	-548	226	10	-455	30	387
5/31/1989	1612	31	329	0	13	-547	236	15	-464	40	378
6/30/1989	1642	30	330	0	13	-547	231	17	-458	44	370
7/31/1989	1673	31	327	0	13	-653	237	18	-402	53	407
8/31/1989	1704	31	317	0	13	-653	237	20	-396	54	408
9/30/1989	1734	30	321	0	13	-653	231	20	-389	56	402
10/31/1989	1765	31	309	0	13	-653	240	22	-397	59	406
11/30/1989	1795	30	315	0	12	-655	235	22	-390	62	400
12/31/1989	1826	31	301	0	13	-657	244	24	-397	65	408
1/31/1990	1857	31	-91	143	66	-258	245	43	-298	29	122
2/28/1990	1885	28	-39	146	64	-280	220	33	-291	22	125
3/31/1990	1916	31	470	0	10	-831	247	17	-453	68	471
4/30/1990	1946	30	483	0	10	-833	244	24	-448	87	432

Flow Budget for Layers 6 to 7 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	Mountain Front Recharge	Recharge	Pumping from Wells	Santa Paula B	Mound L5	Oxnard LAS	Offshore	Mound L8-L11
5/31/1990	1977	31	328	0	9	-653	255	31	-440	82	388
6/30/1990	2007	30	462	0	10	-835	249	34	-455	94	441
7/31/1990	2038	31	255	0	11	-644	255	39	-402	86	401
8/31/1990	2069	31	244	0	11	-645	254	38	-401	81	419
9/30/1990	2099	30	257	0	11	-647	246	36	-394	81	410
10/31/1990	2130	31	247	0	11	-647	255	38	-402	85	413
11/30/1990	2160	30	257	0	11	-648	248	36	-394	85	405
12/31/1990	2191	31	244	0	11	-648	257	38	-400	89	409
1/31/1991	2222	31	41	40	36	-443	263	45	-314	73	261
2/28/1991	2250	28	-229	181	83	-134	235	57	-215	32	-11
3/31/1991	2281	31	-1281	1294	436	-21	250	145	-203	11	-509
4/30/1991	2311	30	509	0	9	-612	239	54	-309	56	55
5/31/1991	2342	31	313	0	9	-612	253	47	-317	74	232
6/30/1991	2372	30	196	0	9	-612	248	45	-311	78	347
7/31/1991	2403	31	123	0	10	-603	252	38	-274	71	382
8/31/1991	2434	31	116	0	10	-603	250	34	-274	70	396
9/30/1991	2464	30	139	0	10	-604	242	25	-271	70	388
10/31/1991	2495	31	127	0	10	-604	251	22	-281	73	391
11/30/1991	2525	30	130	0	10	-604	244	21	-278	72	385
12/31/1991	2556	31	-381	362	123	-91	251	64	-215	34	-148
1/31/1992	2587	31	-245	159	75	-210	248	45	-194	25	96
2/29/1992	2616	29	-1019	963	309	-48	227	106	-168	10	-324
3/31/1992	2647	31	-574	534	180	-93	235	84	-167	7	-210
4/30/1992	2677	30	348	0	9	-794	226	40	-155	50	277
5/31/1992	2708	31	257	0	9	-792	239	33	-148	64	335
6/30/1992	2738	30	133	0	9	-792	233	30	-137	67	451
7/31/1992	2769	31	-10	0	10	-624	225	31	-137	64	425
8/31/1992	2800	31	-1	0	10	-622	222	30	-143	61	429
9/30/1992	2830	30	26	0	10	-622	213	28	-145	61	417
10/31/1992	2861	31	-224	69	57	-261	232	37	-169	38	220
11/30/1992	2891	30	53	0	10	-623	212	24	-159	53	418
12/31/1992	2922	31	-465	383	135	-74	230	72	-152	16	-147
1/31/1993	2953	31	-988	807	269	3	225	117	-151	-1	-272
2/28/1993	2981	28	-1015	841	278	12	198	118	-127	-7	-255
3/31/1993	3012	31	-656	457	161	10	214	109	-141	-10	-146
4/30/1993	3042	30	40	0	8	-244	186	63	-243	22	168
5/31/1993	3073	31	23	0	9	-230	192	48	-260	30	188
6/30/1993	3103	30	14	0	8	-234	189	41	-261	31	212
7/31/1993	3134	31	62	0	10	-492	206	41	-201	34	340
8/31/1993	3165	31	54	0	10	-503	206	41	-195	34	353
9/30/1993	3195	30	71	0	9	-504	200	40	-194	35	342
10/31/1993	3226	31	59	0	10	-504	207	44	-200	36	349
11/30/1993	3256	30	9	0	9	-445	204	44	-183	32	330
12/31/1993	3287	31	-232	58	49	-190	214	70	-157	4	183
1/31/1994	3318	31	1	0	9	-466	210	56	-178	21	346
2/28/1994	3346	28	-627	558	194	-52	191	111	-127	-9	-244
3/31/1994	3377	31	-218	119	65	-131	206	99	-135	-17	12
4/30/1994	3407	30	42	0	9	-467	195	60	-165	12	313
5/31/1994	3438	31	42	0	9	-465	204	51	-181	20	320
6/30/1994	3468	30	60	0	9	-465	197	45	-183	23	315
7/31/1994	3499	31	325	0	10	-779	214	50	-249	43	387
8/31/1994	3530	31	317	0	10	-779	220	57	-246	55	366
9/30/1994	3560	30	314	0	10	-779	216	60	-241	59	362
10/31/1994	3591	31	295	0	10	-778	227	64	-246	62	366
11/30/1994	3621	30	-96	10	44	-322	220	84	-176	27	209
12/31/1994	3652	31	-32	20	35	-435	225	88	-187	21	263
1/31/1995	3683	31	-1834	1870	608	-24	218	207	-128	-13	-624
2/28/1995	3711	28	206	61	44	-394	184	125	-165	4	-65
3/31/1995	3742	31	-1121	929	329	-46	213	180	-125	-21	-306
4/30/1995	3772	30	350	0	9	-735	185	111	-189	27	242
5/31/1995	3803	31	18	14	41	-419	202	117	-173	19	180
6/30/1995	3833	30	281	0	9	-734	191	97	-196	38	316
7/31/1995	3864	31	106	0	10	-574	204	98	-192	36	313
8/31/1995	3895	31	63	0	10	-575	202	103	-180	33	345

Flow Budget for Layers 6 to 7 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	Mountain Front Recharge	Recharge	Pumping from Wells	Santa Paula B	Mound L5	Oxnard LAS	Offshore	Mound L8-L11
9/30/1995	3925	30	75	0	10	-575	194	104	-173	33	332
10/31/1995	3956	31	58	0	10	-575	200	110	-174	33	338
11/30/1995	3986	30	69	0	10	-576	193	107	-170	34	333
12/31/1995	4017	31	-343	154	84	-147	208	138	-120	-8	34
1/31/1996	4048	31	-222	24	46	-259	204	128	-129	-15	222
2/29/1996	4077	29	-900	713	227	-55	188	159	-95	-30	-215
3/31/1996	4108	31	-122	98	58	-260	193	127	-123	-25	54
4/30/1996	4138	30	59	0	12	-438	184	99	-158	-2	243
5/31/1996	4169	31	138	0	10	-595	190	89	-168	14	323
6/30/1996	4199	30	143	0	10	-594	184	83	-166	20	320
7/31/1996	4230	31	350	0	12	-857	194	84	-223	43	397
8/31/1996	4261	31	352	0	12	-856	198	87	-228	54	381
9/30/1996	4291	30	360	0	11	-856	194	87	-230	59	375
10/31/1996	4322	31	-76	98	53	-376	209	104	-175	24	138
11/30/1996	4352	30	-249	158	85	-192	202	112	-151	-7	41
12/31/1996	4383	31	-672	589	195	-94	203	136	-139	-27	-197
1/31/1997	4414	31	-678	536	179	-45	196	129	-132	-38	-151
2/28/1997	4442	28	140	0	9	-363	160	69	-182	-3	169
3/31/1997	4473	31	77	0	10	-361	181	66	-202	3	226
4/30/1997	4503	30	48	0	10	-361	176	61	-202	6	263
5/31/1997	4534	31	41	0	10	-361	183	61	-213	5	274
6/30/1997	4564	30	60	0	10	-361	176	56	-214	6	268
7/31/1997	4595	31	166	0	11	-448	188	55	-273	20	282
8/31/1997	4626	31	187	0	11	-448	190	54	-285	25	266
9/30/1997	4656	30	205	0	11	-448	185	51	-286	27	255
10/31/1997	4687	31	206	0	11	-448	192	53	-297	27	255
11/30/1997	4717	30	-179	188	90	-106	193	76	-201	-15	-47
12/31/1997	4748	31	-641	607	226	-37	196	109	-173	-40	-254
1/31/1998	4779	31	-225	278	105	-102	191	77	-208	-37	-81
2/28/1998	4807	28	-2155	2070	698	-15	175	174	-140	-46	-409
3/31/1998	4838	31	-297	309	110	-113	193	98	-206	-45	-48
4/30/1998	4868	30	1	89	58	-176	187	73	-228	-31	29
5/31/1998	4899	31	-243	225	81	-131	198	77	-198	-36	27
6/30/1998	4929	30	431	0	9	-499	177	55	-405	15	217
7/31/1998	4960	31	211	0	10	-444	195	64	-255	7	212
8/31/1998	4991	31	164	0	10	-445	194	66	-241	-1	253
9/30/1998	5021	30	123	0	9	-446	187	63	-238	0	302
10/31/1998	5052	31	123	0	10	-446	194	64	-244	0	300
11/30/1998	5082	30	-56	32	35	-256	190	68	-200	-17	204
12/31/1998	5113	31	76	0	9	-406	194	58	-217	-10	295
1/31/1999	5144	31	-207	125	74	-225	196	80	-116	-37	110
2/28/1999	5172	28	180	8	31	-700	178	57	-92	-14	353
3/31/1999	5203	31	-282	203	96	-183	196	89	-100	-40	21
4/30/1999	5233	30	-232	123	73	-219	187	79	-97	-45	130
5/31/1999	5264	31	274	0	10	-872	190	57	-84	-13	437
6/30/1999	5294	30	291	0	10	-871	184	57	-73	2	399
7/31/1999	5325	31	195	0	11	-650	188	61	-147	8	336
8/31/1999	5356	31	204	0	11	-650	189	60	-162	11	338
9/30/1999	5386	30	225	0	11	-651	184	57	-168	14	329
10/31/1999	5417	31	226	0	11	-651	191	58	-181	14	330
11/30/1999	5447	30	17	0	14	-372	187	62	-159	-4	255
12/31/1999	5478	31	228	0	11	-651	192	52	-192	7	353
1/31/2000	5509	31	-4	83	59	-388	199	64	-166	-11	163
2/29/2000	5538	29	-889	863	292	-79	182	121	-141	-34	-285
3/31/2000	5569	31	-14	153	77	-285	190	79	-160	-37	-3
4/30/2000	5599	30	-164	211	101	-235	187	76	-149	-37	9
5/31/2000	5630	31	649	0	12	-1175	193	48	-194	16	451
6/30/2000	5660	30	605	0	11	-1172	194	55	-182	42	448
7/31/2000	5691	31	244	0	11	-705	202	61	-192	32	346
8/31/2000	5722	31	232	0	11	-706	203	59	-197	26	372
9/30/2000	5752	30	249	0	11	-707	197	55	-198	27	365
10/31/2000	5783	31	-35	45	43	-368	210	63	-186	4	224
11/30/2000	5813	30	252	0	11	-708	199	50	-207	20	384
12/31/2000	5844	31	246	0	11	-707	206	56	-209	26	371

Flow Budget for Layers 6 to 7 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	Mountain Front Recharge	Recharge	Pumping from Wells	Santa Paula B	Mound L5	Oxnard LAS	Offshore	Mound L8-L11
1/31/2001	5875	31	-658	601	213	-98	203	111	-137	-19	-223
2/28/2001	5903	28	-730	618	219	-89	175	101	-121	-34	-147
3/31/2001	5934	31	-814	688	225	-99	189	103	-130	-45	-124
4/30/2001	5964	30	202	58	45	-654	188	61	-132	-17	249
5/31/2001	5995	31	536	0	11	-1136	203	54	-134	20	448
6/30/2001	6025	30	500	0	10	-1135	201	60	-128	35	456
7/31/2001	6056	31	104	0	10	-637	205	66	-141	17	376
8/31/2001	6087	31	103	0	10	-638	203	62	-152	11	400
9/30/2001	6117	30	136	0	10	-639	196	57	-156	10	386
10/31/2001	6148	31	141	0	10	-639	203	57	-167	10	384
11/30/2001	6178	30	-335	271	111	-118	196	87	-145	-22	-44
12/31/2001	6209	31	-141	65	47	-306	200	66	-143	-27	240
1/31/2002	6240	31	-105	10	32	-281	200	59	-166	-24	275
2/28/2002	6268	28	120	0	8	-502	178	47	-171	-6	326
3/31/2002	6299	31	106	0	9	-500	198	55	-188	-3	324
4/30/2002	6329	30	110	0	9	-501	191	53	-186	0	324
5/31/2002	6360	31	105	0	9	-500	197	53	-194	1	329
6/30/2002	6390	30	122	0	9	-501	191	50	-193	3	319
7/31/2002	6421	31	298	0	11	-747	205	52	-218	23	376
8/31/2002	6452	31	307	0	11	-747	209	55	-225	30	360
9/30/2002	6482	30	319	0	11	-747	205	55	-230	35	352
10/31/2002	6513	31	314	0	11	-746	214	59	-244	37	354
11/30/2002	6543	30	-460	500	178	-81	200	103	-183	-10	-250
12/31/2002	6574	31	-357	379	129	-114	201	87	-183	-28	-116
1/31/2003	6605	31	470	0	10	-721	210	46	-329	10	304
2/28/2003	6633	28	-474	448	163	-78	187	86	-162	-13	-161
3/31/2003	6664	31	-313	279	111	-122	202	75	-171	-30	-32
4/30/2003	6694	30	273	44	34	-554	203	43	-265	0	221
5/31/2003	6725	31	-52	73	48	-299	213	51	-203	-6	175
6/30/2003	6755	30	348	0	10	-722	212	39	-281	21	373
7/31/2003	6786	31	248	0	11	-794	218	48	-160	34	395
8/31/2003	6817	31	229	0	11	-794	218	48	-151	33	405
9/30/2003	6847	30	235	0	11	-797	212	46	-151	36	408
10/31/2003	6878	31	225	0	11	-794	220	47	-160	39	412
11/30/2003	6908	30	-179	105	74	-259	211	61	-148	8	127
12/31/2003	6939	31	-126	89	51	-329	216	49	-154	-1	206
1/31/2004	6970	31	161	0	10	-687	215	27	-154	15	413
2/29/2004	6999	29	-633	580	199	-61	194	83	-134	-13	-221
3/31/2004	7030	31	231	0	10	-615	202	29	-150	2	290
4/30/2004	7060	30	219	0	11	-701	201	23	-148	16	379
5/31/2004	7091	31	188	0	11	-700	211	25	-155	21	399
6/30/2004	7121	30	192	0	11	-700	205	24	-154	24	398
7/31/2004	7152	31	175	0	12	-487	209	28	-284	30	317
8/31/2004	7183	31	208	0	12	-488	210	30	-309	35	301
9/30/2004	7213	30	235	0	12	-488	204	29	-317	37	287
10/31/2004	7244	31	-478	542	181	-62	210	80	-218	-2	-256
11/30/2004	7274	30	315	0	12	-488	196	27	-313	17	234
12/31/2004	7305	31	-679	690	217	-46	207	84	-214	-11	-253
1/31/2005	7336	31	-1257	1255	377	-40	202	121	-191	-32	-286
2/28/2005	7364	28	-1002	860	286	-52	181	101	-165	-36	-123
3/31/2005	7395	31	-189	218	100	-171	204	70	-207	-34	9
4/30/2005	7425	30	346	0	11	-605	202	58	-278	0	266
5/31/2005	7456	31	532	0	9	-821	215	61	-354	36	321
6/30/2005	7486	30	519	0	9	-820	212	67	-346	50	309
7/31/2005	7517	31	197	0	11	-554	221	80	-276	35	286
8/31/2005	7548	31	138	0	11	-553	218	86	-263	28	335
9/30/2005	7578	30	150	0	11	-552	210	87	-255	28	322
10/31/2005	7609	31	-158	32	38	-264	215	103	-188	4	217
11/30/2005	7639	30	136	0	11	-535	207	91	-249	17	322
12/31/2005	7670	31	145	0	11	-547	215	100	-253	25	303
1/31/2006	7701	31	-308	332	106	-237	215	129	-175	2	-64
2/28/2006	7729	28	-199	206	84	-257	191	115	-158	-6	24
3/31/2006	7760	31	-401	321	115	-201	209	133	-147	-17	-13
4/30/2006	7790	30	-561	423	145	-159	197	135	-126	-25	-31

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Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet								
			STORAGE	Mountain Front Recharge	Recharge	Pumping from Wells	Santa Paula B	Mound L5	Oxnard LAS	Offshore	Mound L8-L11
5/31/2006	7821	31	111	22	48	-459	204	109	-229	-3	198
6/30/2006	7851	30	734	0	12	-1181	210	85	-367	62	445
7/31/2006	7882	31	204	0	11	-586	220	107	-264	51	259
8/31/2006	7913	31	156	0	11	-586	219	115	-254	39	299
9/30/2006	7943	30	172	0	10	-586	212	114	-253	38	292
10/31/2006	7974	31	156	0	11	-585	220	120	-257	39	298
11/30/2006	8004	30	166	0	10	-586	214	117	-255	39	295
12/31/2006	8035	31	-20	0	14	-433	218	124	-204	31	270
1/31/2007	8066	31	-321	126	73	-147	214	133	-135	-5	62
2/28/2007	8094	28	-39	40	39	-373	191	100	-169	5	205
3/31/2007	8125	31	207	0	12	-633	214	89	-243	38	306
4/30/2007	8155	30	-101	0	14	-290	205	98	-151	15	210
5/31/2007	8186	31	212	0	12	-633	213	81	-239	41	304
6/30/2007	8216	30	243	0	11	-636	209	74	-240	52	270
7/31/2007	8247	31	195	0	13	-586	216	82	-231	42	268
8/31/2007	8278	31	187	0	13	-586	217	81	-233	44	277
9/30/2007	8308	30	203	0	12	-586	212	74	-234	46	272
10/31/2007	8339	31	192	0	13	-586	219	76	-239	49	276
11/30/2007	8369	30	205	0	13	-587	213	72	-238	50	272
12/31/2007	8400	31	-302	205	92	-132	218	100	-136	16	-62
1/31/2008	8431	31	-1074	1017	309	-27	208	148	-112	-11	-383
2/29/2008	8460	29	-26	101	56	-179	190	93	-159	-9	-67
3/31/2008	8491	31	297	0	12	-511	209	71	-301	22	202
4/30/2008	8521	30	236	0	11	-511	207	64	-300	37	254
5/31/2008	8552	31	195	0	12	-510	217	65	-302	42	281
6/30/2008	8582	30	200	0	11	-509	211	62	-298	44	278
7/31/2008	8613	31	228	0	12	-579	217	69	-286	55	284
8/31/2008	8644	31	225	0	12	-578	218	72	-288	58	281
9/30/2008	8674	30	237	0	12	-578	213	71	-288	59	274
10/31/2008	8705	31	226	0	12	-578	221	75	-295	62	276
11/30/2008	8735	30	-242	127	71	-148	214	92	-166	22	29
12/31/2008	8766	31	-250	147	74	-166	218	90	-168	4	50
1/31/2009	8797	31	107	0	11	-471	220	69	-253	28	290
2/28/2009	8825	28	-480	428	150	-55	194	102	-115	-1	-225
3/31/2009	8856	31	164	0	11	-472	212	73	-241	23	230
4/30/2009	8886	30	125	0	10	-472	212	70	-236	36	255
5/31/2009	8917	31	102	0	11	-471	220	74	-236	40	261
6/30/2009	8947	30	113	0	10	-471	213	71	-233	42	255
7/31/2009	8978	31	186	0	12	-512	217	64	-278	60	251
8/31/2009	9009	31	206	0	12	-513	218	62	-289	66	238
9/30/2009	9039	30	227	0	12	-513	212	58	-295	68	230
10/31/2009	9070	31	-133	153	63	-205	222	68	-207	37	3
11/30/2009	9100	30	235	0	12	-514	212	47	-309	56	261
12/31/2009	9131	31	-249	297	102	-116	221	73	-185	20	-163
1/31/2010	9162	31	-626	581	197	-36	212	90	-155	-6	-262
2/28/2010	9190	28	-391	362	130	-55	186	64	-144	-11	-145
3/31/2010	9221	31	307	0	10	-486	206	28	-321	37	164
4/30/2010	9251	30	-103	103	60	-165	206	42	-214	17	54
5/31/2010	9282	31	175	0	10	-485	212	27	-311	46	270
6/30/2010	9312	30	185	0	10	-486	207	31	-309	56	246
7/31/2010	9343	31	187	0	11	-443	218	37	-307	45	251
8/31/2010	9374	31	183	0	11	-442	220	38	-314	49	255
9/30/2010	9404	30	199	0	11	-442	214	36	-317	51	247
10/31/2010	9435	31	-230	133	73	-111	220	56	-188	19	29
11/30/2010	9465	30	42	23	35	-321	213	38	-265	22	214
12/31/2010	9496	31	-919	865	281	-26	212	113	-145	-3	-361
1/31/2011	9527	31	237	0	9	-298	204	50	-272	13	57
2/28/2011	9555	28	-309	286	98	-70	189	57	-160	-1	-91
3/31/2011	9586	31	-594	471	150	-36	206	71	-139	-17	-115
4/30/2011	9616	30	158	0	9	-298	195	31	-259	7	157
5/31/2011	9647	31	73	0	9	-298	208	33	-276	19	233
6/30/2011	9677	30	64	0	9	-297	203	35	-276	22	239
7/31/2011	9708	31	92	0	11	-328	209	43	-307	28	252
8/31/2011	9739	31	95	0	11	-328	210	48	-307	30	240

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			STORAGE	Mountain Front Recharge	Recharge	Pumping from Wells	Santa Paula B	Mound L5	Oxnard LAS	Offshore	Mound L8-L11
9/30/2011	9769	30	109	0	11	-328	203	49	-303	31	227
10/31/2011	9800	31	-146	19	42	-136	211	62	-216	9	155
11/30/2011	9830	30	-181	75	54	-118	201	63	-196	-5	107
12/31/2011	9861	31	98	0	11	-327	207	50	-298	16	242
1/31/2012	9892	31	-106	31	46	-191	209	67	-201	4	141
2/29/2012	9921	29	255	0	11	-494	196	50	-299	30	250
3/31/2012	9952	31	-206	165	75	-129	211	79	-173	8	-31
4/30/2012	9982	30	-203	113	72	-138	201	75	-166	-6	52
5/31/2012	10013	31	233	0	12	-494	209	52	-302	27	263
6/30/2012	10043	30	261	0	11	-494	205	52	-304	44	224
7/31/2012	10074	31	227	0	12	-497	214	61	-296	45	233
8/31/2012	10105	31	219	0	12	-497	216	62	-298	47	239
9/30/2012	10135	30	230	0	12	-497	211	61	-300	49	235
10/31/2012	10166	31	224	0	12	-497	220	62	-311	51	239
11/30/2012	10196	30	-39	51	42	-257	214	67	-226	29	117
12/31/2012	10227	31	-224	149	86	-123	218	77	-188	8	-3
1/31/2013	10258	31	-55	41	33	-254	218	56	-217	9	170
2/28/2013	10286	28	169	0	10	-422	196	43	-253	25	232
3/31/2013	10317	31	-20	0	12	-275	217	55	-221	22	209
4/30/2013	10347	30	144	0	10	-422	209	46	-261	30	242
5/31/2013	10378	31	144	0	10	-421	217	48	-269	37	233
6/30/2013	10408	30	154	0	10	-422	211	47	-267	40	226
7/31/2013	10439	31	135	0	12	-435	222	46	-258	43	235
8/31/2013	10470	31	148	0	12	-436	224	43	-270	45	233
9/30/2013	10500	30	170	0	12	-437	218	41	-276	46	226
10/31/2013	10531	31	173	0	12	-437	227	41	-292	47	228
11/30/2013	10561	30	189	0	11	-437	222	39	-294	47	222
12/31/2013	10592	31	187	0	12	-437	231	40	-306	49	224
1/31/2014	10623	31	290	0	11	-539	233	44	-340	53	247
2/28/2014	10651	28	-196	262	112	-81	208	69	-200	20	-193
3/31/2014	10682	31	3	89	53	-262	229	49	-273	18	95
4/30/2014	10712	30	285	0	11	-540	225	37	-324	42	264
5/31/2014	10743	31	273	0	11	-540	235	43	-334	55	255
6/30/2014	10773	30	272	0	11	-540	230	46	-330	60	251
7/31/2014	10804	31	187	0	9	-492	234	45	-294	62	249
8/31/2014	10835	31	190	0	9	-492	234	43	-302	61	257
9/30/2014	10865	30	206	0	9	-492	227	41	-302	60	251
10/31/2014	10896	31	202	0	9	-492	236	42	-313	63	253
11/30/2014	10926	30	30	0	13	-287	229	49	-281	46	202
12/31/2014	10957	31	-279	359	124	-70	232	70	-227	21	-232
1/31/2015	10988	31	-89	50	40	-180	231	41	-232	15	123
2/28/2015	11016	28	160	0	8	-419	210	25	-269	35	251
3/31/2015	11047	31	140	0	7	-418	236	29	-288	49	245
4/30/2015	11077	30	138	0	8	-419	227	32	-280	52	241
5/31/2015	11108	31	128	0	8	-418	235	33	-286	57	244
6/30/2015	11138	30	135	0	8	-418	227	34	-282	57	239
7/31/2015	11169	31	44	0	9	-357	226	31	-256	62	241
8/31/2015	11200	31	51	0	9	-357	223	32	-261	59	244
9/30/2015	11230	30	7	0	8	-276	213	29	-249	50	219
10/31/2015	11261	31	71	0	9	-349	219	28	-274	55	241
11/30/2015	11291	30	93	0	9	-358	212	28	-270	56	230
12/31/2015	11322	31	90	0	9	-358	219	29	-280	58	232

Flow Budget for Layers 8 to 11 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet						
			STORAGE	Mountain Front Recharge	Pumping from Wells	Santa Paula C	Oxnard LAS	Mouond L6-L7	Offshore
1/31/1985	31	31	68	34	-12	211	-132	-75	-94
2/28/1985	59	28	140	59	-10	202	-137	-187	-67
3/31/1985	90	31	282	36	-12	233	-155	-319	-65
4/30/1985	120	30	445	0	-22	235	-161	-444	-53
5/31/1985	151	31	434	0	-22	252	-173	-441	-50
6/30/1985	181	30	425	0	-22	251	-172	-436	-46
7/31/1985	212	31	445	0	-22	267	-167	-478	-45
8/31/1985	243	31	421	0	-22	276	-163	-468	-43
9/30/1985	273	30	399	0	-22	274	-158	-453	-40
10/31/1985	304	31	395	0	-22	288	-164	-456	-40
11/30/1985	334	30	-492	380	-5	273	-154	47	-48
12/31/1985	365	31	397	0	-21	276	-154	-454	-45
1/31/1986	396	31	-325	298	-7	271	-150	-40	-47
2/28/1986	424	28	-881	777	-5	228	-130	58	-47
3/31/1986	455	31	-465	481	-7	226	-139	-43	-53
4/30/1986	485	30	170	63	-12	214	-132	-256	-47
5/31/1986	516	31	517	0	-29	241	-138	-558	-33
6/30/1986	546	30	484	0	-28	250	-138	-543	-25
7/31/1986	577	31	342	0	-12	265	-156	-406	-33
8/31/1986	608	31	362	0	-13	269	-158	-423	-37
9/30/1986	638	30	219	19	-8	264	-150	-305	-40
10/31/1986	669	31	360	0	-13	279	-157	-430	-38
11/30/1986	699	30	132	52	-7	273	-150	-261	-38
12/31/1986	730	31	337	0	-13	285	-156	-417	-36
1/31/1987	761	31	23	91	-10	286	-146	-205	-39
2/28/1987	789	28	77	63	-10	256	-126	-224	-36
3/31/1987	820	31	-5	106	-10	282	-136	-197	-40
4/30/1987	850	30	382	0	-23	277	-133	-475	-29
5/31/1987	881	31	347	0	-23	293	-144	-449	-24
6/30/1987	911	30	341	0	-23	290	-144	-441	-22
7/31/1987	942	31	339	0	-13	303	-170	-437	-23
8/31/1987	973	31	349	0	-13	307	-178	-442	-23
9/30/1987	1003	30	346	0	-13	300	-178	-433	-22
10/31/1987	1034	31	5	91	-7	307	-172	-193	-32
11/30/1987	1064	30	151	55	-9	293	-161	-298	-32
12/31/1987	1095	31	-434	312	-5	290	-156	28	-36
1/31/1988	1126	31	-124	170	-8	273	-145	-130	-36
2/29/1988	1155	29	84	94	-13	251	-133	-254	-29
3/31/1988	1186	31	394	0	-19	277	-142	-489	-22
4/30/1988	1216	30	-285	215	-6	266	-131	-33	-27
5/31/1988	1247	31	409	0	-23	275	-135	-505	-22
6/30/1988	1277	30	360	0	-22	277	-134	-465	-15
7/31/1988	1308	31	332	0	-15	292	-137	-459	-14
8/31/1988	1339	31	332	0	-15	298	-138	-463	-14
9/30/1988	1369	30	328	0	-15	293	-136	-457	-13
10/31/1988	1400	31	331	0	-15	307	-143	-466	-13

Flow Budget for Layers 8 to 11 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet						
			STORAGE	Mountain Front Recharge	Pumping from Wells	Santa Paula C	Oxnard LAS	Mouond L6-L7	Offshore
11/30/1988	1430	30	194	17	-9	297	-140	-342	-16
12/31/1988	1461	31	-462	305	-5	295	-138	30	-25
1/31/1989	1492	31	365	0	-18	288	-216	-401	-18
2/28/1989	1520	28	-314	219	-6	257	-146	8	-19
3/31/1989	1551	31	304	0	-13	281	-196	-357	-18
4/30/1989	1581	30	347	0	-18	280	-213	-387	-10
5/31/1989	1612	31	327	0	-17	298	-222	-378	-8
6/30/1989	1642	30	319	0	-17	294	-219	-370	-7
7/31/1989	1673	31	321	0	-17	309	-200	-407	-6
8/31/1989	1704	31	314	0	-17	313	-195	-408	-6
9/30/1989	1734	30	309	0	-17	306	-191	-402	-5
10/31/1989	1765	31	306	0	-17	318	-196	-406	-4
11/30/1989	1795	30	302	0	-17	310	-192	-400	-3
12/31/1989	1826	31	303	0	-17	322	-197	-408	-3
1/31/1990	1857	31	-151	143	-12	317	-165	-122	-10
2/28/1990	1885	28	-123	146	-12	276	-151	-125	-11
3/31/1990	1916	31	409	0	-34	306	-208	-471	-1
4/30/1990	1946	30	367	0	-33	304	-210	-432	5
5/31/1990	1977	31	306	0	-26	318	-214	-388	4
6/30/1990	2007	30	372	0	-33	313	-217	-441	6
7/31/1990	2038	31	282	0	-8	325	-203	-401	4
8/31/1990	2069	31	301	0	-8	323	-200	-419	3
9/30/1990	2099	30	296	0	-8	314	-195	-410	3
10/31/1990	2130	31	291	0	-8	326	-200	-413	4
11/30/1990	2160	30	286	0	-8	317	-195	-405	5
12/31/1990	2191	31	282	0	-8	328	-199	-409	6
1/31/1991	2222	31	109	40	-42	327	-176	-261	3
2/28/1991	2250	28	-324	181	-17	286	-133	11	-4
3/31/1991	2281	31	-1936	1294	-6	280	-130	509	-11
4/30/1991	2311	30	34	0	-69	245	-155	-55	-1
5/31/1991	2342	31	190	0	-68	269	-164	-232	5
6/30/1991	2372	30	299	0	-68	272	-162	-347	6
7/31/1991	2403	31	270	0	-17	291	-165	-382	5
8/31/1991	2434	31	277	0	-18	297	-164	-396	4
9/30/1991	2464	30	269	0	-17	292	-161	-388	5
10/31/1991	2495	31	264	0	-17	306	-167	-391	6
11/30/1991	2525	30	261	0	-17	299	-164	-385	6
12/31/1991	2556	31	-662	362	-5	297	-138	148	-2
1/31/1992	2587	31	-207	159	-7	280	-123	-96	-5
2/29/1992	2616	29	-1410	963	-4	240	-107	324	-7
3/31/1992	2647	31	-846	534	-5	224	-107	210	-9
4/30/1992	2677	30	178	0	-19	214	-97	-277	0
5/31/1992	2708	31	204	0	-19	242	-97	-335	4
6/30/1992	2738	30	305	0	-19	251	-92	-451	5
7/31/1992	2769	31	259	0	-16	274	-95	-425	4
8/31/1992	2800	31	255	0	-16	285	-98	-429	3

Flow Budget for Layers 8 to 11 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet						
			STORAGE	Mountain Front Recharge	Pumping from Wells	Santa Paula C	Oxnard LAS	Mouond L6-L7	Offshore
9/30/1992	2830	30	244	0	-16	282	-97	-417	3
10/31/1992	2861	31	-24	69	-9	291	-107	-220	-1
11/30/1992	2891	30	253	0	-17	281	-101	-418	2
12/31/1992	2922	31	-700	383	-5	280	-101	147	-5
1/31/1993	2953	31	-1214	807	-5	251	-102	272	-10
2/28/1993	2981	28	-1185	841	-4	192	-88	255	-11
3/31/1993	3012	31	-663	457	-6	179	-99	146	-13
4/30/1993	3042	30	184	0	-22	185	-172	-168	-6
5/31/1993	3073	31	179	0	-22	221	-187	-188	-3
6/30/1993	3103	30	191	0	-20	232	-188	-212	-3
7/31/1993	3134	31	251	0	-17	254	-144	-340	-3
8/31/1993	3165	31	243	0	-17	268	-138	-353	-4
9/30/1993	3195	30	230	0	-17	268	-135	-342	-3
10/31/1993	3226	31	225	0	-17	283	-139	-349	-3
11/30/1993	3256	30	199	0	-14	277	-128	-330	-4
12/31/1993	3287	31	-29	58	-8	285	-112	-183	-10
1/31/1994	3318	31	207	0	-18	285	-121	-346	-7
2/28/1994	3346	28	-942	558	-4	246	-90	244	-11
3/31/1994	3377	31	-238	119	-7	250	-95	-12	-15
4/30/1994	3407	30	210	0	-18	241	-111	-313	-8
5/31/1994	3438	31	207	0	-18	258	-121	-320	-6
6/30/1994	3468	30	199	0	-17	260	-121	-315	-5
7/31/1994	3499	31	302	0	-18	279	-176	-387	0
8/31/1994	3530	31	275	0	-18	286	-180	-366	3
9/30/1994	3560	30	273	0	-17	281	-179	-362	3
10/31/1994	3591	31	269	0	-17	295	-184	-366	3
11/30/1994	3621	30	61	10	-8	283	-134	-209	-4
12/31/1994	3652	31	111	20	-11	291	-140	-263	-7
1/31/1995	3683	31	-2633	1870	-3	255	-98	624	-14
2/28/1995	3711	28	-168	61	-12	188	-122	65	-12
3/31/1995	3742	31	-1313	929	-4	195	-96	306	-18
4/30/1995	3772	30	238	0	-22	180	-144	-242	-9
5/31/1995	3803	31	109	14	-12	212	-133	-180	-9
6/30/1995	3833	30	270	0	-21	225	-152	-316	-6
7/31/1995	3864	31	237	0	-18	249	-148	-313	-6
8/31/1995	3895	31	251	0	-18	263	-143	-345	-8
9/30/1995	3925	30	233	0	-18	263	-138	-332	-7
10/31/1995	3956	31	226	0	-18	277	-139	-338	-8
11/30/1995	3986	30	220	0	-18	273	-136	-333	-7
12/31/1995	4017	31	-275	154	-6	276	-100	-34	-15
1/31/1996	4048	31	59	24	-11	269	-102	-222	-17
2/29/1996	4077	29	-1064	713	-5	236	-77	215	-19
3/31/1996	4108	31	-149	98	-12	229	-94	-54	-19
4/30/1996	4138	30	162	0	-15	225	-116	-243	-12
5/31/1996	4169	31	238	0	-22	244	-129	-323	-9
6/30/1996	4199	30	227	0	-22	250	-129	-320	-7

Flow Budget for Layers 8 to 11 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet						
			STORAGE	Mountain Front Recharge	Pumping from Wells	Santa Paula C	Oxnard LAS	Mouond L6-L7	Offshore
7/31/1996	4230	31	320	0	-23	270	-168	-397	-2
8/31/1996	4261	31	298	0	-22	279	-174	-381	1
9/30/1996	4291	30	295	0	-22	276	-175	-375	2
10/31/1996	4322	31	-89	98	-10	281	-136	-138	-7
11/30/1996	4352	30	-244	158	-7	261	-112	-41	-15
12/31/1996	4383	31	-909	589	-5	249	-101	197	-20
1/31/1997	4414	31	-787	536	-5	220	-93	151	-23
2/28/1997	4442	28	145	0	-19	190	-133	-169	-14
3/31/1997	4473	31	184	0	-18	223	-151	-226	-12
4/30/1997	4503	30	214	0	-18	229	-150	-263	-12
5/31/1997	4534	31	211	0	-18	250	-157	-274	-12
6/30/1997	4564	30	203	0	-18	251	-156	-268	-12
7/31/1997	4595	31	260	0	-26	267	-209	-282	-9
8/31/1997	4626	31	244	0	-26	273	-218	-266	-8
9/30/1997	4656	30	239	0	-26	268	-218	-255	-7
10/31/1997	4687	31	238	0	-26	277	-226	-255	-8
11/30/1997	4717	30	-330	188	-8	263	-143	47	-17
12/31/1997	4748	31	-965	607	-5	249	-116	254	-24
1/31/1998	4779	31	-407	278	-7	226	-146	81	-24
2/28/1998	4807	28	-2514	2070	-3	160	-96	409	-25
3/31/1998	4838	31	-278	309	-8	106	-148	48	-29
4/30/1998	4868	30	15	89	-12	132	-173	-29	-24
5/31/1998	4899	31	-179	225	-8	165	-150	-27	-25
6/30/1998	4929	30	403	0	-27	183	-328	-217	-14
7/31/1998	4960	31	236	0	-14	214	-209	-212	-15
8/31/1998	4991	31	248	0	-15	232	-194	-253	-19
9/30/1998	5021	30	288	0	-15	237	-191	-302	-18
10/31/1998	5052	31	274	0	-15	254	-194	-300	-18
11/30/1998	5082	30	110	32	-9	248	-156	-204	-21
12/31/1998	5113	31	239	0	-13	260	-170	-295	-21
1/31/1999	5144	31	-148	125	-11	258	-90	-110	-25
2/28/1999	5172	28	224	8	-25	234	-69	-353	-19
3/31/1999	5203	31	-326	203	-9	253	-76	-21	-25
4/30/1999	5233	30	-121	123	-10	235	-71	-130	-26
5/31/1999	5264	31	307	0	-33	247	-64	-437	-19
6/30/1999	5294	30	256	0	-33	249	-59	-399	-14
7/31/1999	5325	31	225	0	-29	262	-111	-336	-13
8/31/1999	5356	31	231	0	-29	267	-120	-338	-12
9/30/1999	5386	30	228	0	-29	263	-122	-329	-11
10/31/1999	5417	31	225	0	-29	275	-130	-330	-11
11/30/1999	5447	30	134	0	-16	265	-112	-255	-15
12/31/1999	5478	31	253	0	-29	276	-133	-353	-14
1/31/2000	5509	31	-42	83	-16	272	-118	-163	-17
2/29/2000	5538	29	-1259	863	-5	234	-95	285	-22
3/31/2000	5569	31	-234	153	-12	223	-108	3	-25
4/30/2000	5599	30	-273	211	-11	207	-100	-9	-24

Flow Budget for Layers 8 to 11 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet						
			STORAGE	Mountain Front Recharge	Pumping from Wells	Santa Paula C	Oxnard LAS	Mouond L6-L7	Offshore
5/31/2000	5630	31	429	0	-43	224	-146	-451	-13
6/30/2000	5660	30	405	0	-42	238	-148	-448	-5
7/31/2000	5691	31	264	0	-24	257	-144	-346	-8
8/31/2000	5722	31	287	0	-25	265	-144	-372	-11
9/30/2000	5752	30	280	0	-25	262	-143	-365	-10
10/31/2000	5783	31	68	45	-13	270	-131	-224	-15
11/30/2000	5813	30	301	0	-25	264	-144	-384	-12
12/31/2000	5844	31	278	0	-25	276	-148	-371	-10
1/31/2001	5875	31	-960	601	-5	259	-99	223	-20
2/28/2001	5903	28	-859	618	-5	206	-84	147	-24
3/31/2001	5934	31	-886	688	-6	196	-88	124	-28
4/30/2001	5964	30	137	58	-16	179	-87	-249	-21
5/31/2001	5995	31	368	0	-27	211	-91	-448	-12
6/30/2001	6025	30	355	0	-27	226	-91	-456	-8
7/31/2001	6056	31	265	0	-24	244	-97	-376	-12
8/31/2001	6087	31	285	0	-24	256	-101	-400	-15
9/30/2001	6117	30	269	0	-24	256	-101	-386	-14
10/31/2001	6148	31	259	0	-24	271	-106	-384	-15
11/30/2001	6178	30	-441	271	-7	252	-98	44	-21
12/31/2001	6209	31	58	65	-14	250	-95	-240	-24
1/31/2002	6240	31	154	10	-10	251	-108	-275	-22
2/28/2002	6268	28	236	0	-17	233	-109	-326	-16
3/31/2002	6299	31	215	0	-17	263	-122	-324	-15
4/30/2002	6329	30	216	0	-17	259	-120	-324	-14
5/31/2002	6360	31	216	0	-17	268	-125	-329	-14
6/30/2002	6390	30	210	0	-17	262	-123	-319	-13
7/31/2002	6421	31	281	0	-26	276	-145	-376	-9
8/31/2002	6452	31	263	0	-26	280	-151	-360	-7
9/30/2002	6482	30	262	0	-26	274	-153	-352	-6
10/31/2002	6513	31	262	0	-26	286	-162	-354	-6
11/30/2002	6543	30	-867	500	-5	261	-122	250	-16
12/31/2002	6574	31	-591	379	-6	244	-119	116	-23
1/31/2003	6605	31	324	0	-26	241	-222	-304	-14
2/28/2003	6633	28	-687	448	-6	214	-116	161	-15
3/31/2003	6664	31	-381	279	-9	220	-118	32	-23
4/30/2003	6694	30	183	44	-20	214	-184	-221	-15
5/31/2003	6725	31	52	73	-13	227	-149	-175	-15
6/30/2003	6755	30	376	0	-25	234	-203	-373	-9
7/31/2003	6786	31	293	0	-24	256	-124	-395	-6
8/31/2003	6817	31	286	0	-24	264	-114	-405	-7
9/30/2003	6847	30	289	0	-24	260	-112	-408	-6
10/31/2003	6878	31	284	0	-24	274	-116	-412	-5
11/30/2003	6908	30	-114	105	-10	261	-104	-127	-11
12/31/2003	6939	31	-15	89	-13	264	-105	-206	-15
1/31/2004	6970	31	271	0	-11	265	-102	-413	-11
2/29/2004	6999	29	-928	580	-5	236	-89	221	-15

Flow Budget for Layers 8 to 11 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet						
			STORAGE	Mountain Front Recharge	Pumping from Wells	Santa Paula C	Oxnard LAS	Mouond L6-L7	Offshore
3/31/2004	7030	31	175	0	-10	240	-99	-290	-14
4/30/2004	7060	30	258	0	-10	240	-99	-379	-9
5/31/2004	7091	31	265	0	-10	256	-104	-399	-8
6/30/2004	7121	30	262	0	-10	257	-103	-398	-7
7/31/2004	7152	31	283	0	-39	273	-194	-317	-6
8/31/2004	7183	31	276	0	-38	278	-211	-301	-5
9/30/2004	7213	30	271	0	-38	274	-215	-287	-5
10/31/2004	7244	31	-900	542	-8	267	-144	256	-14
11/30/2004	7274	30	244	0	-39	248	-207	-234	-12
12/31/2004	7305	31	-1022	690	-7	243	-139	253	-17
1/31/2005	7336	31	-1586	1255	-7	198	-122	286	-25
2/28/2005	7364	28	-972	860	-7	126	-105	123	-25
3/31/2005	7395	31	-163	218	-11	128	-136	-9	-27
4/30/2005	7425	30	342	0	-25	161	-194	-266	-17
5/31/2005	7456	31	408	0	-30	208	-256	-321	-8
6/30/2005	7486	30	377	0	-29	227	-260	-309	-4
7/31/2005	7517	31	291	0	-18	248	-226	-286	-9
8/31/2005	7548	31	323	0	-19	260	-217	-335	-12
9/30/2005	7578	30	303	0	-19	260	-212	-322	-11
10/31/2005	7609	31	100	32	-12	269	-157	-217	-16
11/30/2005	7639	30	292	0	-19	264	-202	-322	-13
12/31/2005	7670	31	263	0	-19	279	-210	-303	-10
1/31/2006	7701	31	-494	332	-11	268	-145	64	-15
2/28/2006	7729	28	-252	206	-11	225	-128	-24	-16
3/31/2006	7760	31	-415	321	-11	233	-121	13	-20
4/30/2006	7790	30	-527	423	-10	208	-104	31	-21
5/31/2006	7821	31	176	22	-18	211	-176	-198	-16
6/30/2006	7851	30	545	0	-36	229	-294	-445	0
7/31/2006	7882	31	259	0	-21	253	-231	-259	-1
8/31/2006	7913	31	286	0	-22	263	-221	-299	-6
9/30/2006	7943	30	276	0	-22	262	-218	-292	-6
10/31/2006	7974	31	271	0	-22	277	-222	-298	-6
11/30/2006	8004	30	268	0	-22	272	-218	-295	-5
12/31/2006	8035	31	189	0	-16	281	-177	-270	-7
1/31/2007	8066	31	-189	126	-11	273	-121	-62	-15
2/28/2007	8094	28	103	40	-22	242	-145	-205	-12
3/31/2007	8125	31	280	0	-31	272	-209	-306	-6
4/30/2007	8155	30	110	0	-17	264	-139	-210	-8
5/31/2007	8186	31	268	0	-31	276	-205	-304	-4
6/30/2007	8216	30	237	0	-30	272	-209	-270	0
7/31/2007	8247	31	209	0	-24	284	-200	-268	-1
8/31/2007	8278	31	215	0	-24	286	-199	-277	0
9/30/2007	8308	30	215	0	-24	279	-198	-272	1
10/31/2007	8339	31	212	0	-24	289	-202	-276	1
11/30/2007	8369	30	212	0	-24	282	-200	-272	2
12/31/2007	8400	31	-417	205	-8	281	-117	62	-6

Flow Budget for Layers 8 to 11 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet						
			STORAGE	Mountain Front Recharge	Pumping from Wells	Santa Paula C	Oxnard LAS	Mouond L6-L7	Offshore
1/31/2008	8431	31	-1540	1017	-7	247	-87	383	-14
2/29/2008	8460	29	-232	101	-13	202	-111	67	-13
3/31/2008	8491	31	216	0	-28	227	-207	-202	-6
4/30/2008	8521	30	261	0	-26	236	-215	-254	-1
5/31/2008	8552	31	272	0	-26	256	-221	-281	0
6/30/2008	8582	30	266	0	-26	257	-220	-278	0
7/31/2008	8613	31	276	0	-18	272	-247	-284	2
8/31/2008	8644	31	270	0	-18	277	-250	-281	3
9/30/2008	8674	30	265	0	-18	272	-249	-274	3
10/31/2008	8705	31	261	0	-18	285	-255	-276	3
11/30/2008	8735	30	-214	127	-7	270	-141	-29	-6
12/31/2008	8766	31	-210	147	-9	268	-135	-50	-11
1/31/2009	8797	31	251	0	-23	267	-199	-290	-6
2/28/2009	8825	28	-775	428	-6	232	-95	225	-9
3/31/2009	8856	31	203	0	-23	247	-190	-230	-7
4/30/2009	8886	30	227	0	-22	246	-194	-255	-1
5/31/2009	8917	31	217	0	-22	264	-197	-261	0
6/30/2009	8947	30	209	0	-22	262	-194	-255	0
7/31/2009	8978	31	253	0	-42	277	-241	-251	4
8/31/2009	9009	31	242	0	-41	281	-249	-238	6
9/30/2009	9039	30	240	0	-41	276	-251	-230	6
10/31/2009	9070	31	-242	153	-14	279	-171	-3	-1
11/30/2009	9100	30	283	0	-42	267	-249	-261	2
12/31/2009	9131	31	-564	297	-12	266	-145	163	-5
1/31/2010	9162	31	-954	581	-7	241	-110	262	-13
2/28/2010	9190	28	-583	362	-8	197	-101	145	-13
3/31/2010	9221	31	222	0	-27	220	-247	-164	-5
4/30/2010	9251	30	-85	103	-13	222	-168	-54	-6
5/31/2010	9282	31	309	0	-26	239	-249	-270	-2
6/30/2010	9312	30	279	0	-25	244	-254	-246	2
7/31/2010	9343	31	261	0	-21	261	-251	-251	0
8/31/2010	9374	31	261	0	-21	268	-254	-255	2
9/30/2010	9404	30	255	0	-21	265	-254	-247	2
10/31/2010	9435	31	-214	133	-8	270	-146	-29	-5
11/30/2010	9465	30	160	23	-18	257	-202	-214	-6
12/31/2010	9496	31	-1350	865	-5	248	-107	361	-11
1/31/2011	9527	31	64	0	-28	229	-199	-57	-9
2/28/2011	9555	28	-449	286	-9	207	-117	91	-9
3/31/2011	9586	31	-677	471	-8	214	-100	115	-15
4/30/2011	9616	30	181	0	-28	205	-191	-157	-10
5/31/2011	9647	31	247	0	-27	226	-208	-233	-6
6/30/2011	9677	30	247	0	-26	232	-208	-239	-5
7/31/2011	9708	31	266	0	-26	251	-236	-252	-4
8/31/2011	9739	31	249	0	-26	259	-239	-240	-3
9/30/2011	9769	30	236	0	-26	256	-236	-227	-3
10/31/2011	9800	31	59	19	-14	265	-165	-155	-8

Flow Budget for Layers 8 to 11 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet						
			STORAGE	Mountain Front Recharge	Pumping from Wells	Santa Paula C	Oxnard LAS	Mouond L6-L7	Offshore
11/30/2011	9830	30	-52	75	-14	254	-144	-107	-12
12/31/2011	9861	31	237	0	-27	265	-226	-242	-7
1/31/2012	9892	31	24	31	-15	266	-157	-141	-8
2/29/2012	9921	29	267	0	-28	253	-239	-250	-3
3/31/2012	9952	31	-306	165	-10	266	-140	31	-6
4/30/2012	9982	30	-158	113	-12	247	-128	-52	-11
5/31/2012	10013	31	277	0	-29	258	-239	-263	-4
6/30/2012	10043	30	240	0	-27	258	-249	-224	2
7/31/2012	10074	31	221	0	-24	272	-238	-233	2
8/31/2012	10105	31	223	0	-24	276	-238	-239	2
9/30/2012	10135	30	224	0	-24	271	-238	-235	3
10/31/2012	10166	31	222	0	-24	282	-245	-239	3
11/30/2012	10196	30	-14	51	-13	271	-176	-117	-2
12/31/2012	10227	31	-266	149	-9	271	-140	3	-8
1/31/2013	10258	31	48	41	-10	264	-165	-170	-8
2/28/2013	10286	28	207	0	-14	242	-200	-232	-2
3/31/2013	10317	31	125	0	-11	270	-173	-209	-3
4/30/2013	10347	30	199	0	-14	264	-206	-242	-1
5/31/2013	10378	31	184	0	-14	276	-214	-233	1
6/30/2013	10408	30	181	0	-14	270	-212	-226	2
7/31/2013	10439	31	179	0	-22	281	-205	-235	2
8/31/2013	10470	31	180	0	-22	283	-210	-233	3
9/30/2013	10500	30	181	0	-22	275	-212	-226	3
10/31/2013	10531	31	181	0	-22	286	-221	-228	3
11/30/2013	10561	30	184	0	-22	278	-221	-222	3
12/31/2013	10592	31	183	0	-22	288	-228	-224	3
1/31/2014	10623	31	221	0	-25	291	-243	-247	4
2/28/2014	10651	28	-562	262	-6	251	-136	193	-3
3/31/2014	10682	31	-53	89	-16	266	-185	-95	-6
4/30/2014	10712	30	258	0	-26	262	-230	-264	1
5/31/2014	10743	31	237	0	-25	278	-240	-255	5
6/30/2014	10773	30	235	0	-25	274	-239	-251	6
7/31/2014	10804	31	204	0	-23	286	-223	-249	6
8/31/2014	10835	31	213	0	-24	287	-225	-257	5
9/30/2014	10865	30	213	0	-24	280	-224	-251	5
10/31/2014	10896	31	212	0	-24	291	-231	-253	5
11/30/2014	10926	30	133	0	-16	281	-199	-202	2
12/31/2014	10957	31	-706	359	-7	275	-149	232	-5
1/31/2015	10988	31	-14	50	-14	260	-152	-123	-7
2/28/2015	11016	28	224	0	-30	241	-184	-251	0
3/31/2015	11047	31	195	0	-29	275	-200	-245	4
4/30/2015	11077	30	189	0	-29	272	-196	-241	5
5/31/2015	11108	31	184	0	-29	284	-200	-244	6
6/30/2015	11138	30	181	0	-29	277	-197	-239	7
7/31/2015	11169	31	146	0	-20	287	-180	-241	7
8/31/2015	11200	31	151	0	-20	287	-180	-244	6

Flow Budget for Layers 8 to 11 in Mound Basin

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet						
			STORAGE	Mountain Front Recharge	Pumping from Wells	Santa Paula C	Oxnard LAS	Mouond L6-L7	Offshore
9/30/2015	11230	30	121	0	-17	277	-167	-219	5
10/31/2015	11261	31	152	0	-20	287	-184	-241	6
11/30/2015	11291	30	147	0	-20	279	-182	-230	6
12/31/2015	11322	31	145	0	-20	288	-188	-232	7

Flow Budget for the Semi-Perched Aquifer in Oxnard Basin																		
DateStressdays in month			influx(+) outflux(-); units in Acre-feet															
			STORAGE	TILE DRAINS	ET	RECHARGE	Pumping from Wells	Mound	Pleasant Valley	West Las Posas	Coastal flux		Coastal Flux from South of Port Hueneme to Arnold Road	Coastal Flux from Arnold Road to Point Mugu	Oxnard Basin UAS	Partial Santa Clara River percolation	Calleguas Creek percolation	
											Coastal Flux north to Channel Islands Harbor	from Channel Islands Harbor to South of Port Hueneme						
1/31/1985	31	31	-82.1	-746.8	-563.8	1584.6	-2.0	-117.4	183.1	-28.9	-112.3	-68.1	20.8	44.0	-552.7	116.9	324.6	
2/28/1985	59	28	-241.1	-619.4	-555.9	1521.8	-1.7	-117.5	165.7	-22.7	-107.2	-61.2	18.3	39.5	-440.8	119.0	303.2	
3/31/1985	90	31	34.6	-637.5	-824.1	1739.3	-2.3	-135.8	185.1	-23.8	-117.8	-67.0	22.8	54.1	-637.8	123.3	286.8	
4/30/1985	120	30	357.8	-557.8	-841.3	1981.2	-3.2	-140.3	180.2	-15.8	-112.2	-64.9	23.8	62.6	-1132.7	137.4	125.1	
5/31/1985	151	31	682.3	-501.3	-857.9	1890.8	-3.4	-152.7	186.6	-7.0	-115.0	-68.1	25.5	72.0	-1394.3	145.6	96.8	
6/30/1985	181	30	717.8	-426.1	-747.0	1901.9	-3.5	-151.4	180.6	-2.3	-109.9	-66.4	24.3	71.4	-1567.6	146.8	31.4	
7/31/1985	212	31	736.4	-410.9	-744.0	1899.9	-5.4	-155.4	185.5	-2.1	-110.9	-68.9	24.4	72.0	-1667.6	156.5	90.4	
8/31/1985	243	31	750.8	-401.7	-704.4	1875.7	-5.6	-151.9	184.0	-3.5	-107.4	-68.8	23.3	69.8	-1700.9	154.0	86.6	
9/30/1985	273	30	559.1	-397.6	-564.7	1898.3	-5.7	-142.6	175.8	-5.6	-103.5	-67.0	20.2	63.3	-1697.1	144.1	122.9	
10/31/1985	304	31	635.9	-427.5	-520.0	1848.5	-5.8	-142.0	179.1	-6.0	-108.0	-69.9	18.6	61.2	-1780.4	143.3	173.0	
11/30/1985	334	30	-1377.9	-506.3	-442.7	3381.5	-2.7	-130.4	174.1	-5.6	-107.1	-70.2	14.8	47.5	-1551.2	138.9	437.3	
12/31/1985	365	31	357.9	-600.4	-430.3	1767.1	-5.0	-127.3	183.0	-4.4	-110.5	-68.8	14.9	42.1	-1446.4	138.8	289.2	
1/31/1986	396	31	-984.8	-657.9	-536.3	2981.4	-3.0	-115.3	184.0	-4.2	-112.3	-69.3	15.2	40.5	-1316.5	94.2	484.4	
2/28/1986	424	28	-3653.2	-827.2	-643.7	5421.7	-1.9	-77.7	175.3	-4.2	-97.3	-64.3	13.0	26.8	-1083.4	114.5	701.6	
3/31/1986	455	31	-2008.6	-1163.3	-1119.6	4265.9	-1.9	-83.9	209.0	-11.1	-106.1	-68.8	17.5	33.6	-772.1	140.9	668.5	
4/30/1986	485	30	635.3	-1038.0	-1190.4	1785.8	-3.2	-100.9	209.9	-28.8	-104.9	-62.5	21.6	49.2	-629.3	114.2	342.1	
5/31/1986	516	31	520.9	-880.3	-1185.9	2352.3	-7.8	-127.1	218.1	-39.9	-111.2	-63.7	24.8	65.4	-1185.2	136.1	283.5	
6/30/1986	546	30	582.7	-736.3	-1010.3	2263.8	-8.0	-135.1	211.7	-31.1	-110.1	-64.7	23.1	67.4	-1452.5	154.4	245.0	
7/31/1986	577	31	983.5	-668.0	-958.4	1813.2	-7.1	-144.3	219.7	-22.2	-112.9	-68.6	23.2	71.0	-1500.1	149.0	222.0	
8/31/1986	608	31	892.9	-598.4	-852.8	1777.7	-7.3	-141.9	219.2	-19.2	-108.3	-67.6	22.7	70.4	-1541.4	165.4	188.5	
9/30/1986	638	30	710.8	-540.1	-663.3	1507.1	-4.9	-131.2	210.3	-7.2	-102.3	-65.0	20.1	62.2	-1399.4	145.2	257.8	
10/31/1986	669	31	584.8	-549.6	-598.0	1764.3	-7.3	-131.9	213.9	-1.1	-104.7	-65.5	19.6	60.1	-1558.1	151.8	221.7	
11/30/1986	699	30	428.5	-545.1	-458.9	1412.7	-4.9	-120.8	204.5	-4.6	-102.5	-63.9	16.8	51.1	-1304.8	127.7	364.1	
12/31/1986	730	31	469.0	-580.5	-404.2	1759.0	-7.2	-120.5	208.5	-4.6	-106.4	-64.9	16.1	48.2	-1501.1	137.7	151.1	
1/31/1987	761	31	174.2	-595.9	-477.2	1761.4	-4.0	-118.7	204.8	-6.6	-107.3	-66.1	15.6	47.3	-1296.0	141.6	327.0	
2/28/1987	789	28	10.4	-554.1	-493.2	1689.9	-4.2	-108.0	184.7	-5.9	-95.4	-58.5	15.0	42.5	-1022.1	129.0	269.9	
3/31/1987	820	31	82.8	-604.0	-757.2	1809.4	-3.8	-120.1	203.0	-6.1	-102.9	-62.6	19.6	53.6	-932.5	139.4	281.5	
4/30/1987	850	30	170.8	-576.4	-810.2	2265.1	-8.6	-124.2	195.1	-4.2	-97.8	-58.5	21.3	61.4	-1368.6	146.8	187.9	
5/31/1987	881	31	516.6	-574.5	-857.2	2236.3	-9.0	-135.3	199.8	-3.6	-102.5	-62.5	22.4	70.6	-1582.9	146.1	135.5	
6/30/1987	911	30	559.2	-525.3	-757.7	2258.3	-9.1	-133.7	191.4	-3.1	-99.6	-62.6	20.9	70.2	-1737.4	141.7	87.0	
7/31/1987	942	31	727.3	-512.0	-755.4	2221.9	-5.5	-138.5	194.9	-2.3	-103.5	-66.2	20.8	70.8	-1891.9	147.9	91.8	
8/31/1987	973	31	735.0	-484.9	-716.8	2187.6	-5.5	-137.8	190.6	-1.5	-103.4	-67.0	19.8	68.6	-1962.2	146.0	131.5	
9/30/1987	1003	30	688.4	-455.8	-562.1	2183.5	-5.4	-124.5	179.7	-1.9	-100.9	-65.7	16.9	62.1	-1994.9	119.8	60.8	
10/31/1987	1034	31	683.6	-461.6	-539.0	1670.9	-3.3	-122.6	183.5	-2.0	-103.9	-68.4	15.3	57.8	-1857.7	136.4	411.2	
11/30/1987	1064	30	359.0	-460.1	-433.7	1735.8	-3.7	-114.7	176.9	-1.4	-98.5	-64.2	13.4	46.9	-1615.6	139.4	320.5	
12/31/1987	1095	31	-841.3	-569.0	-429.6	2868.1	-2.8	-99.8	182.7	-1.0	-101.6	-65.1	12.4	39.0	-1575.1	58.4	524.5	
1/31/1988	1126	31	165.0	-630.7	-539.9	1779.4	-2.8	-92.6	186.4	-0.5	-100.1	-61.7	13.7	38.1	-1324.8	113.5	457.0	
2/29/1988	1155	29	241.3	-578.0	-558.1	1571.8	-3.5	-93.4	175.1	-0.1	-93.8	-54.9	14.6	39.3	-1155.4	133.3	361.7	
3/31/1988	1186	31	311.7	-587.7	-786.8	2045.4	-5.0	-101.3	185.8	0.0	-98.0	-57.6	18.3	53.6	-1400.7	144.2	278.1	
4/30/1988	1216	30	341.1	-531.3	-838.7	1822.0	-2.8	-99.6	178.2	0.0	-94.5	-56.3	19.2	58.2	-1248.6	120.1	332.9	
5/31/1988	1247	31	366.6	-509.1	-886.5	2143.8	-5.1	-108.1	183.7	0.0	-93.7	-55.5	21.9	68.0	-1388.5	128.9	133.7	
6/30/1988	1277	30	346.5	-463.8	-774.1	2111.8	-5.3	-111.9	174.9	0.0	-92.1	-54.6	21.0	69.8	-1520.2	134.5	163.5	
7/31/1988	1308	31	645.6	-444.8	-754.5	1897.5	-6.8	-117.1	177.0	0.0	-94.6	-57.5	21.0	70.6	-1600.7	165.9	98.5	
8/31/1988	1339	31	704.9	-409.1	-688.8	1820.6	-6.8	-111.9	173.2	0.0	-92.1	-57.8	20.1	68.6	-1650.7	168.4	61.4	
9/30/1988	1369	30	467.2	-386.1	-549.0	1857.8	-6.7	-99.2	164.1	0.0	-90.4	-56.4	17.4	61.9	-1676.0	983		

Flow Budget for the Semi-Perched Aquifer in Oxnard Basin																		
DateStressdays in month			influx(+) outflux(-); units in Acre-feet															
			STORAGE	TILE DRAINS	ET	RECHARGE	Pumping from Wells	Mound	Pleasant Valley	West Las Posas	Coastal flux		Coastal Flux from South of Port Hueneme to Arnold Road	Coastal Flux from Arnold Road to Point Mugu	Oxnard Basin UAS	Partial Santa Clara River percolation	Calleguas Creek percolation	
											Coastal Flux north to Channel Islands Harbor	from Channel Islands Harbor to South of Port Hueneme						
3/31/1992	2647	31	-1339.0	-896.5	-1044.0	3805.7	-2.5	-18.2	148.1	0.0	-49.9	-29.1	10.1	20.9	-1800.4	271.7	923.2	
4/30/1992	2677	30	1002.6	-722.7	-1099.7	1554.5	-7.2	-57.6	145.4	0.0	-51.8	-23.8	14.9	43.6	-1480.6	322.2	360.3	
5/31/1992	2708	31	1003.3	-536.1	-1034.1	1613.5	-7.5	-78.0	141.9	0.0	-64.4	-23.9	18.1	64.0	-1507.7	102.4	308.4	
6/30/1992	2738	30	675.9	-397.9	-837.0	1603.9	-7.5	-71.2	133.1	-0.2	-60.7	-22.9	18.1	67.3	-1448.7	69.5	278.1	
7/31/1992	2769	31	611.6	-347.9	-766.2	1757.6	-11.9	-69.4	134.1	-0.4	-60.5	-23.6	18.7	69.6	-1533.5	42.7	179.1	
8/31/1992	2800	31	596.8	-308.1	-667.0	1678.5	-12.0	-65.7	130.5	-0.7	-58.4	-23.9	18.0	68.7	-1551.4	15.3	179.5	
9/30/1992	2830	30	413.6	-278.7	-503.7	1671.7	-12.0	-60.8	123.3	-0.8	-56.6	-23.6	15.7	62.0	-1537.0	10.0	176.9	
10/31/1992	2861	31	237.9	-290.5	-466.0	1660.5	-9.4	-58.6	125.7	-0.3	-59.3	-25.3	14.4	57.9	-1526.7	55.8	283.7	
11/30/1992	2891	30	59.8	-299.3	-357.4	1807.2	-12.0	-53.8	119.9	0.0	-57.0	-24.0	12.5	49.8	-1523.6	55.7	222.4	
12/31/1992	2922	31	-1895.8	-413.1	-367.6	3565.4	-3.5	-51.7	125.8	-0.1	-58.6	-26.8	10.4	39.7	-1607.1	134.1	548.8	
1/31/1993	2953	31	-5157.8	-814.9	-612.2	6383.8	-2.5	-22.6	152.9	-0.3	-47.1	-27.3	9.2	20.8	-1652.1	297.6	1472.6	
2/28/1993	2981	28	-3925.9	-1096.1	-751.3	5153.0	-2.0	5.2	176.3	-2.2	-31.8	-24.1	9.3	5.9	-1306.3	594.5	1195.6	
3/31/1993	3012	31	-895.2	-1146.7	-1193.5	2758.8	-2.7	-9.1	209.1	-7.4	-30.6	-23.5	15.3	21.4	-917.7	575.4	646.2	
4/30/1993	3042	30	490.4	-877.6	-1214.2	1452.1	-11.0	-54.7	198.4	-20.4	-40.7	-19.9	19.7	48.0	-764.6	413.8	380.6	
5/31/1993	3073	31	3.5	-691.0	-1163.6	1734.1	-11.1	-133.9	198.8	-36.8	-64.0	-21.9	22.6	66.8	-826.8	601.9	321.5	
6/30/1993	3103	30	223.7	-548.5	-960.7	1712.5	-11.2	-116.5	187.7	-25.7	-65.0	-22.6	22.3	68.8	-896.7	159.3	272.6	
7/31/1993	3134	31	382.8	-496.4	-909.3	1546.7	-5.3	-105.2	190.3	-11.9	-67.6	-24.5	22.9	69.8	-1012.8	160.1	260.4	
8/31/1993	3165	31	49.9	-466.4	-827.9	1855.9	-5.4	-107.3	187.4	-6.7	-70.3	-25.8	22.2	67.5	-1044.4	123.5	247.8	
9/30/1993	3195	30	-115.9	-449.7	-643.6	1790.0	-5.4	-99.8	178.5	-7.8	-69.4	-26.5	19.7	60.1	-971.0	116.3	224.5	
10/31/1993	3226	31	-318.0	-480.5	-589.0	1829.9	-5.5	-99.2	182.6	-15.6	-73.8	-28.8	18.6	57.0	-898.0	118.6	301.9	
11/30/1993	3256	30	-366.2	-483.1	-447.2	1547.1	-5.2	-93.6	176.3	-20.9	-73.1	-28.5	16.2	48.7	-705.2	129.3	305.3	
12/31/1993	3287	31	-559.5	-517.4	-409.6	1448.1	-3.1	-88.0	182.7	-24.0	-75.1	-29.7	15.3	42.8	-488.9	120.5	386.0	
1/31/1994	3318	31	-354.5	-524.6	-480.5	1577.2	-7.5	-88.5	182.3	-20.2	-75.1	-28.0	16.6	44.5	-642.1	117.7	282.6	
2/28/1994	3346	28	-2883.5	-572.2	-526.9	3666.3	-2.1	-71.7	166.4	-19.1	-66.9	-28.7	14.6	36.5	-401.2	185.8	502.7	
3/31/1994	3377	31	-812.7	-688.5	-857.2	1857.7	-2.9	-77.5	192.6	-20.0	-70.4	-30.0	19.3	47.0	-127.7	157.2	413.2	
4/30/1994	3407	30	15.3	-591.7	-888.2	1535.4	-7.1	-86.0	188.4	-18.3	-70.7	-27.1	22.4	58.1	-496.9	114.9	251.4	
5/31/1994	3438	31	40.7	-532.8	-916.1	1566.4	-7.2	-100.6	193.3	-20.2	-78.1	-29.9	24.9	69.0	-521.7	100.6	211.6	
6/30/1994	3468	30	129.9	-458.6	-793.2	1467.8	-7.2	-105.6	186.0	-17.8	-77.1	-30.9	24.2	69.6	-647.9	122.7	138.3	
7/31/1994	3499	31	186.7	-443.2	-765.1	1647.1	-10.7	-107.4	191.8	-9.2	-80.3	-33.9	24.8	71.8	-877.5	93.5	111.6	
8/31/1994	3530	31	248.4	-430.6	-702.9	1690.7	-10.8	-104.3	191.6	-6.0	-81.2	-35.9	24.0	70.4	-1026.1	83.1	89.7	
9/30/1994	3560	30	-33.9	-433.6	-572.9	1768.0	-10.9	-97.5	185.5	-7.3	-80.8	-36.8	21.2	63.3	-1075.3	64.8	246.3	
10/31/1994	3591	31	-85.4	-486.8	-544.8	1861.4	-11.0	-96.0	192.0	-9.2	-86.0	-40.0	19.8	59.9	-1079.4	75.8	229.9	
11/30/1994	3621	30	-246.5	-496.3	-420.3	1540.8	-5.9	-87.8	185.0	-9.9	-84.0	-40.1	16.9	50.8	-744.6	93.3	248.8	
12/31/1994	3652	31	-294.4	-531.0	-385.8	1510.5	-6.6	-84.9	191.0	-8.6	-84.9	-40.8	16.3	46.2	-673.5	66.3	280.3	
1/31/1995	3683	31	-10065.2	-1184.1	-688.9	10641.2	-1.6	-54.2	214.9	-8.8	-77.3	-50.3	11.5	16.1	-827.5	491.1	1583.1	
2/28/1995	3711	28	-327.3	-1326.8	-805.6	1187.8	-4.6	-129.1	216.5	-11.3	-72.5	-42.6	12.5	13.1	-190.3	1108.5	371.8	
3/31/1995	3742	31	-4662.3	-1488.1	-1264.1	5683.1	-1.3	-128.2	249.8	-31.6	-84.1	-47.3	18.0	26.4	220.5	421.1	1088.2	
4/30/1995	3772	30	726.0	-1363.8	-1384.7	1471.9	-7.1	-120.9	255.3	-33.7	-81.6	-42.6	22.1	44.2	-277.2	364.3	427.8	
5/31/1995	3803	31	54.6	-1084.8	-1353.2	1328.2	-5.4	-196.7	266.1	-39.4	-96.3	-43.8	26.1	64.8	-81.7	780.9	380.6	
6/30/1995	3833	30	325.8	-855.6	-1117.7	1442.2	-7.3	-174.8	259.5	-40.8	-94.1	-43.0	25.8	67.8	-227.7	107.8	332.1	
7/31/1995	3864	31	-223.7	-778.4	-1051.8	1590.9	-5.2	-157.7	267.8	-29.3	-95.5	-45.3	26.7	70.2	47.3	113.6	270.5	
8/31/1995	3895	31	-595.1	-727.3	-946.0	1679.6	-5.2	-148.5	265.7	-26.8	-92.6	-45.3	26.4	68.9	197.3	106.9	241.8	
9/30/1995	3925	30	-771.7	-692.0	-733.9	1652.4	-5.2	-137.8	254.5	-26.7	-89.1	-44.2	24.1	61.8	141.4	114.7	251.7	
10/31/1995	3956	31	-828.5	-724.8	-663.7	1639.1	-5.3	-138.8	260.4	-30.2	-93.0	-46.5	23.3	58.9	149.4	136.6	263.2	
11/30/1995	3986	30	-816.9	-721.6	-497.2	1525.6	-5.3	-128.3	249.4	-29.9	-91.4	-46.2	20.6	50.8	96.0	140.3	254.0	
12/31/1995	4017	31	-1365.1	-786.5	-462.7	1446.6	-2.3	-118.7	257.3	-35.8	-94.4	-49.4	19.5	44.6	586.7			

Flow Budget for the Semi-Perched Aquifer in Oxnard Basin																		
DateStressdays in month			influx(+) outflux(-); units in Acre-feet															
			STORAGE	TILE DRAINS	ET	RECHARGE	Pumping from Wells	Mound	Pleasant Valley	West Las Posas	Coastal flux		Coastal Flux from South of Port Hueneme to Arnold Road	Coastal Flux from Arnold Road to Point Mugu	Oxnard Basin UAS	Partial Santa Clara River percolation	Calleguas Creek percolation	
											Flux north to Channel Islands Harbor	from Channel Islands Harbor to South of Port Hueneme						
5/31/1999	5264	31	406.5	-1276.3	-1202.7	1569.6	-0.5	-125.5	362.2	-23.9	-115.2	-81.7	32.4	68.4	123.5	-3.2	266.4	
6/30/1999	5294	30	797.8	-1160.1	-1073.4	1524.1	-0.7	-140.6	352.0	-3.9	-113.2	-79.6	31.9	69.9	-454.6	13.7	236.8	
7/31/1999	5325	31	1064.3	-1146.2	-1050.3	1602.1	-0.8	-167.5	362.6	3.5	-119.5	-83.3	32.6	72.0	-769.1	49.2	150.4	
8/31/1999	5356	31	1299.4	-1107.7	-968.2	1539.3	-0.9	-175.1	360.4	3.1	-120.9	-84.3	31.6	71.4	-1081.0	61.0	171.9	
9/30/1999	5386	30	1016.8	-1073.7	-778.3	1654.3	-1.0	-167.2	347.5	0.9	-118.8	-83.1	28.2	64.2	-1194.1	62.0	242.2	
10/31/1999	5417	31	886.1	-1138.4	-719.5	1793.9	-1.2	-171.8	357.4	-5.0	-125.7	-87.8	26.5	60.8	-1169.8	75.1	219.3	
11/30/1999	5447	30	744.4	-1108.3	-548.2	1379.4	-1.2	-161.2	344.4	-8.1	-124.7	-87.7	22.8	51.6	-875.0	79.0	292.7	
12/31/1999	5478	31	955.2	-1153.3	-491.5	1577.8	-1.3	-163.1	353.5	-3.2	-131.5	-91.8	21.5	47.9	-1247.8	81.2	246.4	
1/31/2000	5509	31	823.2	-1143.0	-579.6	1465.5	-1.2	-162.8	351.4	-6.9	-134.5	-94.7	21.0	47.1	-972.2	83.2	303.5	
2/29/2000	5538	29	-2796.2	-1282.9	-681.1	4621.2	-0.8	-128.1	331.7	-10.3	-126.8	-92.4	18.9	36.3	-522.2	57.9	574.8	
3/31/2000	5569	31	175.7	-1477.2	-1070.9	1852.5	-0.7	-133.1	359.1	-18.9	-131.9	-96.1	23.9	46.4	-16.6	93.8	394.3	
4/30/2000	5599	30	-553.7	-1339.4	-1157.9	2092.6	-0.5	-140.6	349.6	-32.3	-128.3	-90.5	27.1	54.9	406.4	88.7	424.1	
5/31/2000	5630	31	735.6	-1307.4	-1246.9	1852.4	-0.6	-149.9	363.2	-17.2	-130.6	-90.6	30.8	66.8	-443.0	50.6	286.9	
6/30/2000	5660	30	1237.4	-1176.0	-1102.3	1693.4	-0.8	-133.2	352.1	-4.9	-124.3	-88.4	30.0	68.9	-1019.5	14.1	253.6	
7/31/2000	5691	31	1509.2	-1120.0	-1077.3	1447.7	-0.9	-154.0	363.8	1.7	-128.3	-91.9	30.4	71.0	-1169.4	88.6	229.5	
8/31/2000	5722	31	1537.9	-1035.2	-975.4	1418.1	-1.0	-162.1	362.3	0.0	-128.4	-91.3	29.6	70.1	-1254.2	69.4	160.2	
9/30/2000	5752	30	1087.0	-970.2	-748.3	1546.4	-1.0	-154.5	348.5	-3.9	-124.7	-88.0	26.4	64.2	-1188.9	78.6	128.4	
10/31/2000	5783	31	417.2	-1011.0	-691.8	1576.2	-1.1	-157.4	357.8	-14.6	-129.6	-92.1	24.8	60.5	-704.0	103.1	261.8	
11/30/2000	5813	30	250.4	-1011.8	-530.1	1657.2	-1.1	-148.5	343.5	-21.8	-125.8	-89.8	21.7	52.2	-731.1	108.1	227.0	
12/31/2000	5844	31	525.4	-1074.5	-477.3	1552.1	-1.2	-151.2	351.6	-15.8	-132.4	-93.5	20.2	48.5	-922.4	99.1	271.5	
1/31/2001	5875	31	-2337.5	-1263.2	-626.9	4035.8	-1.0	-135.0	353.2	-11.8	-133.3	-97.7	18.5	39.8	-504.8	76.5	587.4	
2/28/2001	5903	28	-3245.0	-1486.5	-746.1	4642.9	-0.6	-114.5	327.4	-12.1	-120.3	-90.0	16.3	26.8	-81.8	140.0	743.6	
3/31/2001	5934	31	-2334.2	-1888.4	-1262.4	3717.9	-0.5	-109.5	375.0	-30.5	-123.9	-97.1	22.2	37.8	569.0	239.4	885.3	
4/30/2001	5964	30	593.2	-1690.9	-1350.7	1435.7	-0.5	-130.7	367.0	-40.9	-125.2	-88.5	26.4	51.0	490.3	97.2	366.4	
5/31/2001	5995	31	840.2	-1482.9	-1353.7	1710.9	-0.6	-150.1	377.7	-25.9	-130.5	-89.6	30.1	66.6	-193.0	92.2	308.6	
6/30/2001	6025	30	1021.6	-1265.7	-1158.6	1658.7	-0.7	-154.8	366.3	-9.5	-126.7	-87.1	29.3	69.1	-686.6	81.4	263.1	
7/31/2001	6056	31	1091.6	-1202.5	-1127.0	1640.5	-0.8	-164.4	379.6	-4.1	-128.9	-89.5	30.0	70.8	-855.5	91.9	268.2	
8/31/2001	6087	31	1237.1	-1130.1	-1036.3	1578.8	-0.8	-160.9	379.5	-1.4	-125.4	-88.6	29.4	68.9	-1068.1	77.6	240.1	
9/30/2001	6117	30	811.2	-1074.6	-812.5	1717.4	-0.9	-152.6	365.8	-6.5	-121.1	-85.9	26.2	61.8	-1054.5	88.6	237.6	
10/31/2001	6148	31	355.1	-1123.4	-740.5	1749.8	-0.9	-158.6	375.7	-20.7	-126.8	-89.8	24.7	58.8	-679.0	109.2	266.3	
11/30/2001	6178	30	-1495.8	-1169.5	-582.6	2511.7	-0.8	-144.0	360.8	-38.2	-123.4	-90.3	20.6	46.6	225.1	108.9	370.7	
12/31/2001	6209	31	-577.1	-1264.5	-540.0	1573.6	-0.7	-140.3	369.9	-25.1	-126.4	-92.9	19.8	39.9	347.9	87.4	328.5	
1/31/2002	6240	31	-15.4	-1220.6	-627.7	1087.8	0.0	-141.3	366.5	-16.3	-126.4	-90.6	21.2	43.1	300.0	92.9	326.8	
2/28/2002	6268	28	253.6	-1070.9	-612.5	1291.4	0.0	-134.0	328.8	-6.6	-114.5	-80.3	20.6	44.0	-273.5	97.8	256.1	
3/31/2002	6299	31	740.4	-1147.7	-904.3	1389.6	0.0	-153.7	362.4	-3.5	-125.6	-88.3	25.6	58.3	-519.0	98.4	267.4	
4/30/2002	6329	30	1194.9	-1027.6	-931.1	1239.7	0.0	-152.4	349.5	-4.0	-118.5	-84.4	27.2	64.5	-767.4	98.0	111.6	
5/31/2002	6360	31	1354.7	-960.4	-963.6	1234.5	0.0	-158.8	359.6	-5.0	-119.3	-86.4	29.7	73.2	-907.9	87.3	62.2	
6/30/2002	6390	30	1294.4	-846.8	-850.5	1186.0	0.0	-151.5	344.7	-5.1	-113.2	-83.0	29.0	72.4	-949.4	72.9	0.0	
7/31/2002	6421	31	1111.0	-847.4	-850.9	1618.0	0.0	-152.7	347.8	-5.0	-116.2	-85.6	29.6	73.5	-1165.5	43.2	0.0	
8/31/2002	6452	31	1271.4	-846.6	-807.8	1648.6	0.0	-149.2	342.6	-5.8	-116.5	-85.6	28.5	71.7	-1350.1	-1.0	0.0	
9/30/2002	6482	30	962.4	-828.7	-643.6	1767.7	0.0	-140.7	325.7	-6.4	-114.6	-84.4	24.9	65.1	-1344.8	17.3	0.0	
10/31/2002	6513	31	1015.4	-866.1	-585.4	1729.7	0.0	-139.0	328.7	-7.4	-120.7	-89.2	23.1	63.2	-1361.0	8.8	0.0	
11/30/2002	6543	30	-1234.5	-955.8	-493.5	3112.4	0.0	-122.8	314.5	-8.0	-119.6	-90.3	18.8	51.1	-1009.4	111.7	425.3	
12/31/2002	6574	31	-769.4	-1168.5	-506.7	2722.5	0.0	-116.7	330.6	-6.7	-124.8	-93.6	17.3	41.2	-805.8	55.5	425.1	
1/31/2003	6605	31	1169.8	-1161.4	-588.4	1322.0	0.0											

Flow Budget for the Semi-Perched Aquifer in Oxnard Basin																		
DateStressdays in month			influx(+) outflux(-); units in Acre-feet															
			STORAGE	TILE DRAINS	ET	RECHARGE	Pumping from Wells	Mound	Pleasant Valley	West Las Posas	Coastal flux		Coastal Flux from South of Port Hueneme to Arnold Road	Coastal Flux from Arnold Road to Point Mugu	Oxnard Basin UAS	Partial Santa Clara River percolation	Calleguas Creek percolation	
											Flux north to Channel Islands Horbor	from Channel Islands Harbor to South of Port Hueneme						
7/31/2006	7882	31	58.8	-1071.3	-971.2	1476.2	0.0	-140.3	376.8	-14.1	-105.5	-71.2	29.6	73.1	216.2	143.0	0.0	
8/31/2006	7913	31	157.2	-1012.3	-883.2	1589.1	0.0	-150.0	371.7	-3.5	-104.4	-70.9	29.2	72.2	-114.8	119.7	0.0	
9/30/2006	7943	30	267.9	-957.0	-686.3	1492.6	0.0	-148.3	355.1	-3.0	-102.1	-69.2	26.4	65.6	-355.2	113.6	0.0	
10/31/2006	7974	31	-44.5	-982.4	-615.2	1655.5	0.0	-151.2	362.1	-14.2	-107.2	-72.9	25.1	63.6	-230.2	111.6	0.0	
11/30/2006	8004	30	79.8	-958.7	-457.5	1507.0	0.0	-141.6	346.0	-13.6	-105.8	-72.2	21.8	56.4	-377.1	115.6	0.0	
12/31/2006	8035	31	-75.3	-1001.1	-418.4	1298.5	0.0	-145.1	356.0	-8.3	-112.5	-77.0	20.3	52.2	-196.7	108.0	199.3	
1/31/2007	8066	31	-845.7	-1047.3	-516.4	1797.8	0.0	-140.2	360.8	-11.4	-114.3	-78.3	20.6	50.4	211.8	85.6	226.6	
2/28/2007	8094	28	-114.8	-977.7	-538.5	1232.9	0.0	-125.9	330.8	-4.4	-102.9	-69.9	19.9	45.8	-43.7	79.7	268.7	
3/31/2007	8125	31	516.3	-1058.8	-797.4	1531.5	0.0	-149.9	369.5	-3.4	-114.3	-76.1	25.3	59.3	-407.2	105.1	0.0	
4/30/2007	8155	30	606.2	-963.3	-828.4	1367.9	0.0	-149.5	361.4	-5.1	-109.6	-74.2	26.7	64.3	-399.6	103.3	0.0	
5/31/2007	8186	31	1020.0	-937.8	-893.0	1476.3	0.0	-158.0	373.4	-2.1	-110.5	-75.2	29.6	72.5	-894.4	99.2	0.0	
6/30/2007	8216	30	1328.1	-863.2	-810.2	1322.1	0.0	-152.8	357.6	-1.3	-106.9	-73.2	28.8	71.8	-1169.7	68.9	0.0	
7/31/2007	8247	31	1401.1	-845.6	-816.3	1268.0	0.0	-154.6	365.4	-1.6	-110.3	-76.5	29.4	73.9	-1175.3	42.3	0.0	
8/31/2007	8278	31	1278.4	-819.3	-774.0	1346.2	0.0	-151.0	360.6	-2.3	-109.9	-76.7	28.9	72.7	-1195.1	41.5	0.0	
9/30/2007	8308	30	805.0	-808.7	-621.8	1584.2	0.0	-141.0	344.3	-4.3	-107.7	-75.1	25.9	66.4	-1110.7	43.5	0.0	
10/31/2007	8339	31	539.9	-862.0	-570.5	1698.3	0.0	-141.0	351.6	-6.7	-113.5	-78.9	24.5	64.7	-970.8	64.4	0.0	
11/30/2007	8369	30	633.4	-847.2	-427.6	1464.6	0.0	-131.3	337.6	-4.4	-112.4	-77.6	21.2	57.8	-971.0	57.1	0.0	
12/31/2007	8400	31	353.4	-894.7	-390.7	1402.4	0.0	-124.1	347.5	-5.9	-117.9	-82.1	19.5	53.4	-784.8	82.6	141.4	
1/31/2008	8431	31	-2901.4	-1133.4	-585.3	3974.2	0.0	-101.9	366.6	-9.6	-115.7	-85.0	18.6	43.6	-629.7	181.8	977.2	
2/29/2008	8460	29	-193.9	-1225.2	-698.7	1658.2	0.0	-103.4	358.4	-22.3	-105.4	-78.6	18.4	34.0	-283.9	243.8	398.4	
3/31/2008	8491	31	987.3	-1181.4	-943.7	1234.1	0.0	-139.6	383.0	-38.0	-117.8	-80.9	24.0	51.9	-428.1	195.0	54.4	
4/30/2008	8521	30	647.1	-997.9	-915.2	1517.6	0.0	-136.8	374.9	-27.9	-115.3	-77.3	25.8	64.0	-449.4	90.4	0.0	
5/31/2008	8552	31	717.3	-942.8	-946.0	1595.3	0.0	-144.8	384.2	-13.6	-116.5	-78.9	28.2	73.1	-657.5	101.8	0.0	
6/30/2008	8582	30	770.5	-854.4	-842.4	1538.5	0.0	-139.1	365.6	-2.0	-109.5	-75.4	27.6	72.1	-840.4	89.0	0.0	
7/31/2008	8613	31	856.8	-853.9	-842.9	1608.9	0.0	-142.9	372.4	1.0	-110.8	-77.6	28.1	73.7	-1012.8	99.9	0.0	
8/31/2008	8644	31	1043.5	-830.6	-790.7	1526.6	0.0	-139.1	367.1	-2.8	-109.6	-77.9	27.1	72.1	-1180.6	94.8	0.0	
9/30/2008	8674	30	769.3	-807.6	-627.5	1724.3	0.0	-127.4	350.0	-5.1	-106.9	-76.3	23.9	65.7	-1244.6	62.3	0.0	
10/31/2008	8705	31	486.6	-866.3	-574.2	2010.9	0.0	-125.9	356.4	-7.3	-112.8	-80.1	22.3	63.9	-1233.5	60.2	0.0	
11/30/2008	8735	30	-155.6	-884.8	-457.2	1872.4	0.0	-115.7	342.3	-8.3	-110.5	-79.4	18.8	53.5	-832.0	106.4	249.9	
12/31/2008	8766	31	-60.5	-971.1	-447.3	1611.1	0.0	-106.0	359.3	-6.0	-113.1	-81.2	18.1	46.8	-691.9	64.1	377.8	
1/31/2009	8797	31	644.6	-970.6	-523.8	1233.5	0.0	-107.4	362.3	-3.7	-112.4	-79.0	19.2	48.7	-730.5	87.0	132.0	
2/28/2009	8825	28	-2438.4	-1041.7	-588.3	3781.5	0.0	-79.5	332.5	-5.0	-101.5	-74.0	16.9	38.5	-465.3	37.2	587.3	
3/31/2009	8856	31	946.1	-1209.7	-935.5	1221.9	0.0	-92.0	374.6	-4.2	-109.3	-78.0	22.5	51.5	-486.9	65.8	233.2	
4/30/2009	8886	30	861.6	-1020.7	-922.9	1369.0	0.0	-107.4	361.3	-3.4	-105.9	-72.9	25.0	62.5	-534.2	88.1	0.0	
5/31/2009	8917	31	837.6	-956.4	-982.7	1258.6	0.0	-116.4	371.7	-3.4	-107.5	-74.1	27.7	71.5	-645.5	60.7	258.1	
6/30/2009	8947	30	1067.1	-844.4	-870.0	1158.7	0.0	-111.4	361.5	-3.3	-101.3	-70.8	27.1	70.4	-715.2	31.4	0.0	
7/31/2009	8978	31	823.8	-832.1	-862.0	1496.7	0.0	-113.7	370.2	-3.3	-103.4	-73.2	27.8	73.4	-986.8	7.3	175.3	
8/31/2009	9009	31	1060.9	-822.0	-815.2	1404.5	0.0	-111.1	373.0	-3.4	-103.6	-74.2	26.8	72.3	-1174.5	6.7	159.7	
9/30/2009	9039	30	932.0	-790.2	-643.8	1394.0	0.0	-103.0	362.3	-3.0	-101.4	-73.2	23.5	65.9	-1241.3	10.5	167.5	
10/31/2009	9070	31	501.4	-855.1	-595.0	1745.9	0.0	-97.4	374.4	-2.3	-105.3	-77.0	21.8	62.5	-1219.0	87.8	157.5	
11/30/2009	9100	30	697.6	-862.4	-441.0	1684.5	0.0	-90.6	360.3	-1.2	-102.5	-74.8	18.6	56.1	-1297.2	52.7	0.0	
12/31/2009	9131	31	-283.0	-973.8	-425.6	2308.4	0.0	-78.5	368.8	-0.5	-107.4	-79.6	16.4	47.5	-1208.9	33.7	382.5	
1/31/2010	9162	31	-2475.2	-1278.2	-626.5	4411.2	0.0	-62.3	380.6	-0.3	-105.6	-80.9	15.5	35.0	-1070.2	46.9	810.1	
2/28/2010	9190	28	-909.7	-1368.4	-710.5	3003.6	0.0	-52.2	353.4	-0.3	-95.8	-71.7	15.1	28.5	-771.2	82.4	496.5	
3/31/2010	9221	31	1535.2	-1375.3	-1004.7	1311.9	0.0	-68.5	391.7	-0.2	-105.7	-75.0	21.3	48.8	-820.3	57.9	82.7	
4/30/2010																		

Flow Budget for the Semi-Perched Aquifer in Oxnard Basin																		
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet															
			STORAGE	TILE DRAINS	ET	RECHARGE	Pumping from Wells	Mound	Pleasant Valley	West Las Posas	Coastal flux		Coastal Flux from South of Port Hueneme to Arnold Road	Coastal Flux from Arnold Road to Point Mugu	Oxnard Basin UAS	Partial Santa Clara River percolation	Calleguas Creek percolation	
											Coastal Flux north to Channel Islands Harbor	from Channel Islands South of Port Hueneme						
9/30/2013	10500	30	819.3	-554.9	-530.1	1363.2	0.0	-80.6	330.8	0.0	-82.4	-62.5	21.2	66.4	-1290.3	0.0	0.0	
10/31/2013	10531	31	895.4	-569.2	-477.9	1366.8	0.0	-79.0	334.0	0.0	-86.3	-65.5	19.6	65.0	-1402.8	0.0	0.0	
11/30/2013	10561	30	616.4	-569.3	-366.8	1360.4	0.0	-71.6	319.9	0.0	-84.9	-64.2	16.4	58.0	-1411.1	0.0	196.8	
12/31/2013	10592	31	788.0	-622.1	-334.5	1377.4	0.0	-70.1	330.2	0.0	-89.3	-67.1	14.7	55.0	-1505.7	0.0	123.4	
1/31/2014	10623	31	939.8	-617.4	-382.0	1465.8	0.0	-69.7	331.9	0.0	-89.9	-67.2	14.2	55.7	-1589.4	0.0	8.2	
2/28/2014	10651	28	-591.0	-592.3	-402.4	2596.6	0.0	-59.5	297.0	0.0	-82.1	-62.4	12.4	47.5	-1416.1	38.6	213.8	
3/31/2014	10682	31	709.9	-682.7	-683.8	1276.2	0.0	-60.1	331.4	0.0	-86.0	-66.1	16.8	56.7	-1339.8	78.8	448.8	
4/30/2014	10712	30	1096.5	-604.3	-726.2	1454.4	0.0	-68.4	319.6	0.0	-82.4	-60.9	19.1	61.8	-1409.2	0.0	0.0	
5/31/2014	10743	31	1168.3	-546.0	-734.4	1446.0	0.0	-74.7	319.1	0.0	-83.8	-61.9	20.9	71.1	-1524.7	0.0	0.0	
6/30/2014	10773	30	1012.6	-473.1	-648.2	1455.2	0.0	-71.8	298.6	0.0	-79.1	-59.3	20.0	70.7	-1525.8	0.0	0.0	
7/31/2014	10804	31	1088.1	-448.6	-641.4	1426.5	0.0	-74.0	296.2	0.0	-80.6	-61.0	20.3	72.8	-1598.4	0.0	0.0	
8/31/2014	10835	31	1073.4	-415.7	-595.2	1409.7	0.0	-73.6	283.3	0.0	-80.3	-61.0	19.5	71.7	-1631.9	0.0	0.0	
9/30/2014	10865	30	902.6	-384.6	-464.6	1412.9	0.0	-68.5	262.3	0.0	-77.4	-58.7	16.9	65.7	-1606.5	0.0	0.0	
10/31/2014	10896	31	901.4	-387.6	-416.4	1434.5	0.0	-67.6	258.4	0.0	-79.9	-60.3	15.4	64.3	-1662.1	0.0	0.0	
11/30/2014	10926	30	827.9	-377.4	-311.8	1236.7	0.0	-58.5	240.6	0.0	-76.3	-57.6	12.7	57.9	-1586.9	0.0	92.9	
12/31/2014	10957	31	-1645.3	-535.4	-349.9	3427.8	0.0	-50.3	256.9	0.0	-78.0	-61.1	10.1	46.0	-1734.0	46.0	667.2	
1/31/2015	10988	31	567.3	-642.7	-480.5	1417.1	0.0	-46.1	268.8	0.0	-75.8	-57.4	11.2	40.3	-1404.3	12.7	389.5	
2/28/2015	11016	28	907.0	-530.9	-449.9	1213.8	0.0	-45.5	241.6	0.0	-67.6	-48.2	12.3	42.2	-1275.0	0.0	0.0	
3/31/2015	11047	31	1284.2	-487.2	-605.5	1034.5	0.0	-55.0	260.2	0.0	-73.7	-52.1	16.3	59.1	-1397.7	0.0	16.8	
4/30/2015	11077	30	1046.4	-396.4	-602.3	1167.7	0.0	-55.2	250.0	0.0	-68.4	-49.0	17.8	65.2	-1375.8	0.0	0.0	
5/31/2015	11108	31	1057.0	-358.1	-628.6	1162.4	0.0	-57.7	247.6	0.0	-67.3	-49.4	19.5	72.2	-1446.8	49.1	0.0	
6/30/2015	11138	30	933.3	-309.2	-558.2	1214.3	0.0	-55.3	229.3	0.0	-62.4	-46.7	19.0	70.8	-1434.9	0.0	0.0	
7/31/2015	11169	31	903.7	-294.8	-554.9	1293.5	-0.4	-57.6	227.1	0.0	-62.8	-47.4	19.6	72.5	-1498.4	0.0	0.0	
8/31/2015	11200	31	877.6	-277.1	-517.4	1303.1	-0.4	-57.6	217.5	0.0	-61.6	-46.8	19.1	71.3	-1527.8	0.0	0.0	
9/30/2015	11230	30	775.2	-260.8	-406.4	1273.3	-0.4	-53.5	201.3	0.0	-58.5	-44.6	16.8	65.4	-1507.9	0.0	0.0	
10/31/2015	11261	31	790.4	-266.2	-365.9	1295.9	-0.4	-53.5	199.5	0.0	-59.6	-45.3	15.6	64.1	-1574.5	0.0	0.0	
11/30/2015	11291	30	670.7	-259.9	-272.2	1302.1	-0.4	-50.4	185.2	0.0	-57.6	-43.2	13.0	57.6	-1545.1	0.0	0.0	
12/31/2015	11322	31	685.8	-274.4	-241.5	1328.9	-0.4	-50.4	187.8	0.0	-59.4	-44.0	11.7	55.6	-1609.5	0.0	9.7	

Flow Budget for the UAS in Oxnard Basin																				
			influx(+) outflux(-); units in Acre-feet																	
Date	Stress	days in month	STORAGE	Volcanic Outcrop Recharge	Tile DRAINS	ET	RECHARGE	Pumping from Wells	Oxnard Basin Semi-Perched Aquifer	Santa Paula	Mound	Pleasant Valley	Las Posas	Coastal Flux north to Channel Islands Harbor	Coastal flux from Channel Islands Harbor to South of Port Hueneme	Coastal Flux from South of Port Hueneme to Arnold Road	Coastal Flux from Arnold Road to Point Mugu	Oxnard Basin LAS	Partial Santa Clara River percolation	
1/31/1985	31	31	-2603.8	0.6	0.0	0.0	7776.6	-4214.0	552.7	133.5	-358.5	-104.6	-304.2	-26.1	-1.3	37.9	107.9	-1184.5	187.7	
2/28/1985	59	28	-2570.2	0.7	0.0	0.0	6663.6	-3237.9	440.8	114.6	-430.6	-108.7	-198.7	-36.6	2.0	40.1	104.8	-997.3	213.3	
3/31/1985	90	31	696.1	0.3	0.0	0.0	5186.7	-5220.3	637.8	127.3	-426.2	-103.1	-191.9	-20.3	9.5	59.9	139.3	-1114.4	219.2	
4/30/1985	120	30	5562.1	0.0	0.0	0.0	2077.2	-8058.7	1132.7	127.2	-160.6	-65.1	-75.7	83.1	37.6	75.2	166.7	-1147.0	245.3	
5/31/1985	151	31	5423.4	0.0	0.0	0.0	1577.7	-8094.3	1394.3	144.9	78.7	-30.5	31.1	116.5	62.9	89.1	195.9	-1248.2	258.6	
6/30/1985	181	30	5627.8	0.0	0.0	0.0	854.9	-8097.9	1567.6	153.8	268.4	4.0	89.5	145.0	78.3	94.7	206.9	-1252.9	260.0	
7/31/1985	212	31	4952.7	0.0	0.0	0.0	597.7	-7313.4	1667.6	175.1	315.4	5.8	159.2	96.2	87.7	113.7	258.3	-1388.7	272.8	
8/31/1985	243	31	4726.4	0.0	0.0	0.0	689.4	-7326.8	1700.9	192.2	390.1	26.8	195.3	111.0	96.8	126.2	292.1	-1480.5	260.0	
9/30/1985	273	30	2234.6	0.0	0.0	0.0	3214.0	-7333.2	1697.1	195.8	426.5	48.2	153.6	137.6	108.1	132.0	305.4	-1550.3	230.7	
10/31/1985	304	31	4289.7	0.0	0.0	0.0	1102.7	-7306.9	1780.4	202.7	432.4	71.2	109.3	161.0	124.6	143.4	332.4	-1673.1	230.1	
11/30/1985	334	30	-2694.3	3.5	0.0	0.0	2569.0	-1280.6	1551.2	204.2	278.2	93.0	68.5	21.9	89.4	106.5	271.3	-1510.2	228.4	
12/31/1985	365	31	328.3	0.0	0.0	0.0	4151.9	-5831.0	1446.4	212.9	272.6	42.3	71.0	100.1	80.6	97.7	244.0	-1446.9	230.0	
1/31/1986	396	31	-3394.2	2.9	0.0	0.0	4343.6	-1852.6	1316.5	215.3	124.4	60.6	-15.9	26.6	69.2	83.8	214.7	-1345.0	150.0	
2/28/1986	424	28	-5087.3	7.3	0.0	0.0	5555.0	-982.1	1083.4	193.6	-28.2	50.7	-84.9	-30.8	32.3	52.5	147.3	-1098.5	189.7	
3/31/1986	455	31	-9984.9	6.1	0.0	0.0	11692.1	-1362.9	772.1	187.3	-171.3	26.7	-300.3	-55.1	13.2	41.9	124.8	-1234.4	244.7	
4/30/1986	485	30	-6546.8	0.0	0.0	0.0	12735.7	-5134.0	629.3	125.1	-318.4	2.1	-480.1	-1.6	17.6	46.7	118.3	-1298.6	104.5	
5/31/1986	516	31	2495.5	0.0	0.0	0.0	7935.9	-10067.3	1185.2	85.2	-258.1	45.1	-471.7	197.4	68.3	81.7	167.4	-1423.3	-41.8	
6/30/1986	546	30	5743.6	0.0	0.0	0.0	3754.6	-10091.0	1452.5	76.3	-54.4	99.5	-267.7	254.4	108.8	104.2	205.7	-1417.4	28.7	
7/31/1986	577	31	-1966.4	0.0	0.0	0.0	8769.2	-7402.5	1500.1	85.4	61.8	46.6	-194.0	164.0	110.8	111.1	247.1	-1580.8	47.5	
8/31/1986	608	31	5421.1	0.0	0.0	0.0	1194.6	-7402.4	1541.4	88.7	67.9	24.6	-123.1	145.8	103.2	110.4	258.5	-1565.6	134.9	
9/30/1986	638	30	2270.9	0.2	0.0	0.0	1079.6	-4350.7	1399.4	114.2	86.1	23.0	27.9	67.1	85.6	99.4	241.6	-1383.5	239.0	
10/31/1986	669	31	4648.0	0.0	0.0	0.0	1269.3	-7391.0	1558.1	144.8	225.7	7.4	106.5	134.1	92.4	105.3	253.4	-1405.1	251.3	
11/30/1986	699	30	256.6	0.9	0.0	0.0	2198.7	-3618.6	1304.8	162.6	201.7	36.1	75.1	78.6	85.5	96.1	236.1	-1318.3	204.2	
12/31/1986	730	31	3021.4	0.0	0.0	0.0	2804.0	-7377.8	1501.1	186.1	247.0	11.7	131.5	142.4	92.1	101.8	245.1	-1332.6	226.1	
1/31/1987	761	31	-2201.3	1.0	0.0	0.0	4151.7	-3054.2	1296.0	205.1	94.5	34.9	99.8	45.4	79.9	92.8	224.2	-1302.3	232.4	
2/28/1987	789	28	-575.5	0.5	0.0	0.0	3074.0	-3218.4	1022.1	197.9	3.9	1.7	77.4	32.6	52.3	70.0	174.6	-1124.0	211.2	
3/31/1987	820	31	-3530.0	1.1	0.0	0.0	6055.6	-2877.1	932.5	227.1	-103.0	-13.5	28.1	-6.9	43.5	69.4	179.0	-1229.5	223.8	
4/30/1987	850	30	5130.0	0.0	0.0	0.0	2576.8	-8801.8	1368.6	217.1	31.6	-28.3	37.2	162.8	72.0	89.7	194.1	-1294.0	244.2	
5/31/1987	881	31	5768.2	0.0	0.0	0.0	1585.5	-8862.9	1582.9	222.1	230.1	1.7	61.7	223.7	117.9	121.0	253.8	-1544.5	238.9	
6/30/1987	911	30	3662.2	0.0	0.0	0.0	3430.2	-8875.8	1737.4	211.5	391.0	34.8	49.2	259.6	140.1	132.1	278.6	-1676.6	224.5	
7/31/1987	942	31	1220.9	0.0	0.0	0.0	5423.8	-8411.8	1891.9	204.7	468.8	53.3	-24.7	282.9	161.5	146.0	339.3	-1990.5	234.0	
8/31/1987	973	31	5421.0	0.0	0.0	0.0	1161.9	-8413.4	1962.2	193.3	469.1	69.9	-4.1	304.4	175.1	155.4	368.7	-2106.0	242.5	
9/30/1987	1003	30	5430.4	0.0	0.0	0.0	864.6	-8409.6	1994.9	200.0	494.6	84.9	100.6	322.1	185.1	159.8	377.6	-2051.8	246.8	
10/31/1987	1034	31	632.1	0.8	0.0	0.0	1128.1	-3460.5	1857.7	227.5	366.2	118.9	93.8	164.8	167.6	149.8	364.4	-2024.1	212.9	
11/30/1987	1064	30	306.1	1.5	0.0	0.0	2236.4	-4095.0	1615.6	235.0	327.5	113.8	101.9	154.3	135.5	119.8	301.7	-1777.0	222.9	
12/31/1987	1095	31	-3308.7	2.7	0.0	0.0	3870.8	-1813.3	1575.1	256.4	212.5	102.0	47.0	93.5	115.0	101.8	262.4	-1606.4	89.3	
1/31/1988	1126	31	-6691.2	1.4	0.0	0.0	8073.7	-2312.5	1324.8	258.8	43.7	71.6	-7.3	77.2	93.2	88.4	219.8	-1418.1	176.4	
2/29/1988	1155	29	-1562.7	0.7	0.0	0.0	5250.0	-4407.4	1155.4	238.5	-94.1	44.2	-55.8	126.3	87.6	84.4	192.6	-1267.6	207.8	
3/31/1988	1186	31	-1691.6	0.0	0.0	0.0	8689.3	-7940.3	1400.7	248.1	-58.5	32.6	-77.3	218.9	114.8	106.2	221.8	-1491.8	225.8	
4/30/1988	1216	30	-2608.2	1.2																

Flow Budget for the UAS in Oxnard Basin																				
			influx(+) outflux(-); units in Acre-feet																	
Date	Stress	days in month	STORAGE	Volcanic Outcrop Recharge	Tile DRAINS	ET	RECHARGE	Pumping from Wells	Oxnard Basin Semi-Perched Aquifer	Santa Paula	Mound	Pleasant Valley	Las Posas	Coastal Flux north to Channel Islands Horbor	Coastal flux from Channel Islands Harbor to South of Port Hueneme	Coastal Flux from South of Port Hueneme to Arnold Road	Coastal Flux from Arnold Road to Point Mugu	Oxnard Basin LAS	Partial Santa Clara River percolation	
5/31/1992	2708	31	-806.2	0.0	0.0	0.0	6544.0	-5605.1	1507.7	168.4	-494.4	16.3	-668.3	358.0	187.5	107.3	222.5	-1757.8	220.0	
6/30/1992	2738	30	2131.8	0.0	0.0	0.0	3274.7	-5605.5	1448.7	160.4	-273.2	4.0	-525.1	341.2	180.3	106.1	221.4	-1703.5	238.9	
7/31/1992	2769	31	2976.2	0.0	0.0	0.0	2131.9	-5652.0	1533.5	173.8	-110.6	-38.2	-379.8	326.1	188.5	119.5	265.7	-1790.5	255.9	
8/31/1992	2800	31	3881.6	0.0	0.0	0.0	900.5	-5663.5	1551.4	190.3	25.5	-42.7	-232.0	334.2	193.9	128.0	289.3	-1818.1	261.6	
9/30/1992	2830	30	2541.1	0.0	0.0	0.0	2012.4	-5665.0	1537.0	205.1	123.0	-35.6	-111.4	341.0	195.0	129.9	295.4	-1805.9	238.0	
10/31/1992	2861	31	-13675.3	0.2	0.0	0.0	16658.3	-3859.5	1526.7	217.6	51.3	-17.6	-206.0	329.4	201.2	133.8	306.2	-1919.1	252.7	
11/30/1992	2891	30	-9378.3	0.0	0.0	0.0	15165.3	-5666.8	1523.6	177.3	-339.1	-35.1	-488.8	324.4	191.7	130.5	301.4	-2134.7	228.5	
12/31/1992	2922	31	-7697.6	4.2	0.0	0.0	9525.8	-971.9	1607.1	156.7	-727.2	3.4	-707.4	118.3	154.0	114.3	273.5	-2058.8	205.7	
1/31/1993	2953	31	-8379.9	10.6	0.0	0.0	9611.9	-637.4	1652.1	155.2	-900.4	9.2	-640.6	20.1	99.6	83.4	213.8	-1772.8	475.1	
2/28/1993	2981	28	-4914.3	5.9	0.0	0.0	5761.3	-577.8	1306.3	138.1	-936.9	-31.1	-525.4	-29.4	57.0	57.4	153.5	-1421.0	956.4	
3/31/1993	3012	31	-5663.9	2.3	0.0	0.0	7725.6	-1159.4	917.7	148.9	-980.8	-103.1	-543.7	-56.2	38.1	50.8	139.3	-1449.9	934.3	
4/30/1993	3042	30	-8406.8	0.0	0.0	0.0	16074.8	-6046.8	764.6	114.3	-747.6	-161.3	-725.5	104.0	50.7	55.0	132.3	-1751.1	543.4	
5/31/1993	3073	31	-565.0	0.0	0.0	0.0	8444.9	-6089.4	826.8	78.0	-804.3	-171.9	-723.5	121.8	68.2	68.2	154.6	-1875.4	467.1	
6/30/1993	3103	30	3689.1	0.0	0.0	0.0	3313.1	-5742.8	896.7	95.4	-553.6	-164.4	-439.0	113.9	67.0	69.6	159.0	-1717.2	213.2	
7/31/1993	3134	31	5036.1	0.0	0.0	0.0	1126.2	-5531.0	1012.8	121.1	-295.1	-149.9	-235.4	98.8	71.2	79.7	194.3	-1782.7	253.9	
8/31/1993	3165	31	1029.1	0.0	0.0	0.0	4846.7	-5536.8	1044.4	139.8	-58.4	-125.0	-182.3	112.8	77.9	88.3	215.9	-1850.7	198.4	
9/30/1993	3195	30	-5848.8	0.0	0.0	0.0	11979.2	-5542.1	971.0	135.2	-50.9	-103.4	-287.4	129.6	83.7	91.4	222.9	-1964.8	184.4	
10/31/1993	3226	31	-6557.6	0.0	0.0	0.0	13462.1	-5559.6	898.0	120.0	-312.4	-105.4	-466.3	120.5	86.3	97.0	238.6	-2191.2	170.0	
11/30/1993	3256	30	-2518.3	0.0	0.0	0.0	8994.0	-4694.4	705.2	105.9	-548.2	-109.0	-476.4	79.3	71.8	90.3	227.0	-2096.7	169.4	
12/31/1993	3287	31	-1813.1	0.6	0.0	0.0	6409.4	-2415.9	488.9	116.5	-663.9	-122.3	-462.8	-60.8	39.4	76.8	205.8	-1990.4	191.7	
1/31/1994	3318	31	199.7	0.0	0.0	0.0	6871.4	-5418.7	642.1	124.8	-445.2	-140.8	-379.3	31.1	36.5	68.9	177.4	-1952.2	184.2	
2/28/1994	3346	28	-726.7	4.2	0.0	0.0	3140.6	-819.5	401.2	123.2	-479.0	-105.7	-315.7	-116.9	11.9	51.7	142.7	-1605.8	293.9	
3/31/1994	3377	31	-1460.8	1.8	0.0	0.0	4886.7	-1477.7	127.7	146.8	-438.7	-132.7	-327.3	-150.5	-17.9	38.2	122.3	-1566.3	248.2	
4/30/1994	3407	30	-92.7	0.0	0.0	0.0	6740.9	-5378.7	496.9	136.6	-179.3	-149.9	-308.9	5.5	1.9	41.8	112.3	-1611.2	185.0	
5/31/1994	3438	31	1715.8	0.0	0.0	0.0	5003.3	-5423.7	521.7	131.4	-79.5	-142.1	-331.6	40.0	24.9	54.8	131.4	-1808.6	162.1	
6/30/1994	3468	30	4501.7	0.0	0.0	0.0	1723.1	-5423.0	647.9	120.1	55.8	-114.8	-255.2	63.2	35.9	58.5	136.9	-1767.5	217.4	
7/31/1994	3499	31	4947.5	0.0	0.0	0.0	985.8	-5645.9	877.5	133.6	166.3	-132.9	-103.6	84.0	49.2	69.0	165.7	-1848.7	252.3	
8/31/1994	3530	31	4493.2	0.0	0.0	0.0	1098.4	-5661.4	1026.1	151.0	264.9	-118.4	-14.7	107.5	62.3	79.0	188.2	-1917.8	241.8	
9/30/1994	3560	30	365.7	0.0	0.0	0.0	5058.3	-5666.4	1075.3	164.2	272.0	-97.9	29.8	131.2	74.1	84.7	200.0	-1930.2	239.0	
10/31/1994	3591	31	-1482.1	0.0	0.0	0.0	7169.0	-5687.3	1079.4	188.4	132.2	-93.2	20.4	132.7	83.1	93.0	220.3	-2083.7	227.8	
11/30/1994	3621	30	-2478.3	0.3	0.0	0.0	5742.7	-2512.3	744.6	197.5	-146.7	-79.0	-78.4	7.2	58.2	82.7	206.6	-1953.2	208.0	
12/31/1994	3652	31	-247.9	0.3	0.0	0.0	4777.9	-3385.9	673.5	217.2	-246.8	-91.5	-122.0	-35.4	34.2	72.2	192.6	-1938.3	99.7	
1/31/1995	3683	31	-6803.1	15.2	0.0	0.0	7802.0	-427.7	827.5	219.8	-487.2	-7.1	-208.9	-157.4	0.2	52.7	156.0	-1785.9	804.1	
2/28/1995	3711	28	-10272.4	0.6	-0.1	0.0	13875.7	-3281.2	190.3	161.1	-723.5	-44.4	-364.8	-79.0	-8.2	36.7	110.8	-1674.9	2073.3	
3/31/1995	3742	31	-4540.1	8.0	-1.8	0.0	7805.8	-587.8	-220.5	145.3	-835.5	-61.5	-597.9	-199.2	-33.2	29.2	98.0	-1746.9	738.1	
4/30/1995	3772	30	369.5	0.0	-3.7	0.0	6702.1	-5378.5	277.2	118.8	-571.5	-85.8	-483.9	-56.9	-25.3	28.8	84.3	-1612.5	637.4	
5/31/1995	3803	31	-4758.5	0.0	-16.2	0.0	10491.8	-4158.1	81.7	93.6	-678.3	-94.6	-509.3	-75.8	-12.5	40.6	100.9	-1778.6	1273.1	
6/30/1995	3833	30	-1133.5	0.0	-5.5	0.0	8914.1	-5490.3	227.7	95.3	-416.6	-90.4	-480.0	-32.9	-5.7	42.2	102.9	-1770.0	42.6	
7/31/1995	3864	31	-2009.1	0.0	-11.5	-5.3	8806.7	-4230.3	-47.3	103.5	-475.6	-112.2	-384.9	-73.1	-15.1	46.2	121.2	-1833.6	120.5	
8/																				

Flow Budget for the UAS in Oxnard Basin																			
			influx(+) outflux(-); units in Acre-feet																
Date	Stress	days in month	STORAGE	Volcanic Outcrop Recharge	Tile DRAINS	ET	RECHARGE	Pumping from Wells	Oxnard Basin Semi-Perched Aquifer	Santa Paula	Mound	Pleasant Valley	Las Posas	Coastal Flux north to Channel Islands Horbor	Coastal flux from Channel Islands Harbor to South of Port Hueneme	Coastal Flux from South of Port Hueneme to Arnold Road	Coastal Flux from Arnold Road to Point Mugu	Oxnard Basin LAS	Partial Santa Clara River percolation
9/30/1999	5386	30	1944.8	0.0	-115.7	0.0	2779.3	-5079.8	1194.1	128.5	373.0	-9.3	159.3	-112.4	-65.5	30.6	99.2	-1533.8	207.7
10/31/1999	5417	31	540.0	0.0	-96.0	0.0	4405.7	-5102.4	1169.8	138.0	339.9	6.7	97.5	-100.6	-54.7	39.0	118.9	-1728.0	226.0
11/30/1999	5447	30	2672.8	0.1	-77.7	0.0	693.2	-3125.5	875.0	135.0	236.5	25.1	45.8	-139.2	-53.8	37.0	117.6	-1657.6	215.6
12/31/1999	5478	31	4167.2	0.0	-61.0	0.0	534.6	-5087.8	1247.8	151.3	316.0	29.7	130.5	-87.4	-47.2	40.8	126.4	-1675.4	214.5
1/31/2000	5509	31	1053.6	0.9	-47.6	0.0	1228.3	-2439.5	972.2	164.8	279.0	78.3	116.9	-138.9	-46.1	38.3	117.2	-1591.4	214.1
2/29/2000	5538	29	-3856.5	5.8	-43.1	0.0	5006.9	-726.7	522.2	167.2	132.9	103.0	40.1	-188.8	-60.3	19.9	80.8	-1330.3	127.0
3/31/2000	5569	31	-9264.3	1.3	-52.6	0.0	12583.3	-1824.7	16.6	160.8	-77.3	82.0	-184.8	-192.6	-78.2	8.9	57.9	-1470.8	234.6
4/30/2000	5599	30	-3661.6	1.5	-66.1	0.0	7833.1	-1625.7	-406.4	115.0	-383.7	48.2	-366.1	-202.6	-85.3	2.3	40.0	-1381.1	138.3
5/31/2000	5630	31	4571.9	0.0	-77.1	0.0	3446.6	-6628.2	443.0	108.0	-289.2	36.5	-213.0	-66.7	-67.4	13.7	49.8	-1417.4	89.5
6/30/2000	5660	30	6231.6	0.0	-60.7	0.0	720.9	-6659.3	1019.5	115.7	-1.1	55.4	-40.2	-20.2	-36.6	31.3	76.9	-1475.4	42.2
7/31/2000	5691	31	4280.4	0.0	-47.1	0.0	433.2	-5043.7	1169.4	131.5	190.1	67.4	73.7	-47.4	-29.4	38.2	100.2	-1565.1	248.7
8/31/2000	5722	31	4032.3	0.0	-39.5	0.0	372.7	-5045.9	1254.2	149.0	298.4	79.4	128.1	-31.9	-21.6	42.8	113.3	-1583.4	252.2
9/30/2000	5752	30	-453.3	0.0	-29.8	0.0	4892.4	-5047.6	1188.9	157.2	309.0	89.1	108.8	-7.0	-9.4	47.4	122.1	-1595.6	228.1
10/31/2000	5783	31	-7580.1	0.0	-23.2	0.0	11575.5	-3355.7	704.0	153.8	101.0	94.2	-148.4	-59.2	-11.0	49.7	130.5	-1859.8	228.6
11/30/2000	5813	30	97.4	0.0	-19.5	0.0	5902.8	-5053.4	731.1	116.6	-72.9	82.0	-271.4	-16.9	-9.4	48.9	129.5	-1860.6	196.0
12/31/2000	5844	31	5181.7	0.0	-19.5	0.0	436.6	-5066.1	922.4	117.8	-63.1	84.5	-140.1	-15.9	-4.7	54.3	141.7	-1842.0	212.3
1/31/2001	5875	31	-2108.8	4.9	-21.3	0.0	3925.4	-917.2	504.8	141.8	-105.2	127.6	-69.4	-161.3	-29.9	39.6	120.2	-1616.9	165.8
2/28/2001	5903	28	-5969.7	6.0	-24.7	0.0	7993.2	-813.9	81.8	140.0	-255.8	114.4	-119.1	-185.7	-55.7	15.2	70.4	-1293.1	296.5
3/31/2001	5934	31	-11073.6	5.1	-48.4	0.0	14771.0	-999.0	-569.0	138.9	-665.1	96.7	-386.1	-243.5	-84.9	2.8	46.2	-1460.9	469.7
4/30/2001	5964	30	-2891.2	0.1	-67.4	-0.5	10084.2	-3815.3	-490.3	105.4	-774.2	69.2	-511.8	-159.9	-79.0	8.0	41.5	-1441.8	-77.1
5/31/2001	5995	31	4146.1	0.0	-84.0	-1.4	5209.2	-6940.7	193.0	97.5	-565.4	70.3	-381.2	-64.4	-54.4	22.8	62.9	-1544.6	-165.5
6/30/2001	6025	30	6326.4	0.0	-80.3	0.0	1547.8	-6951.8	686.6	100.9	-201.5	85.8	-155.9	-32.5	-33.6	31.0	75.2	-1522.9	124.8
7/31/2001	6056	31	4952.9	0.0	-69.7	0.0	539.4	-5171.1	855.5	120.9	57.9	73.2	-33.5	-71.6	-31.4	36.3	89.5	-1596.6	248.3
8/31/2001	6087	31	4594.3	0.0	-52.6	0.0	386.4	-5184.2	1068.1	138.6	225.0	89.0	47.1	-61.0	-25.7	42.7	104.6	-1638.6	266.3
9/30/2001	6117	30	-2429.4	0.0	-39.0	0.0	7428.9	-5191.3	1054.5	142.5	271.0	102.1	-2.6	-33.2	-13.1	48.5	116.0	-1695.4	240.5
10/31/2001	6148	31	-7446.6	0.0	-33.9	0.0	13741.6	-5219.5	679.0	125.2	74.1	108.3	-283.9	-30.6	-6.8	54.9	131.7	-2069.7	176.0
11/30/2001	6178	30	-3447.4	2.4	-37.1	0.0	7460.8	-1274.4	-225.1	91.6	-337.4	102.1	-449.6	-171.5	-35.9	39.0	113.4	-1857.8	27.0
12/31/2001	6209	31	-174.3	1.0	-61.0	-0.4	5274.1	-2388.8	-347.9	101.3	-501.9	71.6	-303.1	-200.9	-67.7	18.8	79.7	-1610.2	109.8
1/31/2002	6240	31	1280.7	0.4	-82.6	-2.8	3650.7	-2553.7	-300.0	119.9	-477.8	33.4	-196.7	-193.6	-76.5	13.9	61.8	-1481.9	204.9
2/28/2002	6268	28	3261.3	0.0	-81.5	-0.2	2248.2	-4246.0	273.5	120.4	-247.2	9.2	-84.6	-127.8	-61.2	16.1	53.9	-1351.4	217.3
3/31/2002	6299	31	4450.6	0.0	-82.6	0.0	716.2	-4275.7	519.0	148.5	-73.8	15.8	-13.0	-133.9	-58.3	22.4	64.8	-1509.9	209.7
4/30/2002	6329	30	4119.6	0.0	-64.2	0.0	415.9	-4271.8	767.4	157.2	121.2	29.0	43.1	-108.8	-48.6	24.4	66.1	-1455.0	204.5
5/31/2002	6360	31	3740.2	0.0	-45.1	0.0	417.3	-4278.9	907.9	174.2	244.8	47.4	79.9	-93.2	-40.6	28.2	72.6	-1492.2	237.4
6/30/2002	6390	30	3354.6	0.0	-29.2	0.0	549.2	-4273.0	949.4	179.5	307.4	60.5	92.5	-65.2	-29.4	30.2	74.4	-1430.8	229.9
7/31/2002	6421	31	4158.3	0.0	-20.7	0.0	618.2	-5404.8	1165.5	195.2	369.3	53.4	125.1	-22.6	-15.3	42.6	97.2	-1601.2	238.3
8/31/2002	6452	31	3929.2	0.0	-9.6	0.0	677.3	-5437.2	1350.1	204.0	396.7	70.0	135.4	2.1	4.0	59.2	132.1	-1786.2	270.7
9/30/2002	6482	30	92.2	0.0	-0.6	0.0	4606.7	-5452.1	1344.8	205.7	363.8	83.2	118.5	30.6	21.6	69.0	152.8	-1882.3	243.5
10/31/2002	6513	31	3614.2	0.0	0.0	0.0	1345.1	-5478.3	1361.0	219.3	268.2	94.6	76.4	39.6	34.5	79.8	178.0	-2083.4	248.5
11/30/2002	6543	30	-1304.2	3.9	0.0	0.0	2338.2	-1055.3	1009.4	219.7	151.7	155.0	-15.1	-97.6	11.6	64.5	161.4	-1882.4	239.1
12/31/2002	6574	31	-3422																

Flow Budget for the UAS in Oxnard Basin																			
			influx(+) outflux(-); units in Acre-feet																
Date	Stress	days in month	STORAGE	Volcanic Outcrop Recharge	Tile DRAINS	ET	RECHARGE	Pumping from Wells	Oxnard Basin Semi-Perched Aquifer	Santa Paula	Mound	Pleasant Valley	Las Posas	Coastal Flux north to Channel Islands Horbor	Coastal flux from Channel Islands Harbor to South of Port Hueneme	Coastal Flux from South of Port Hueneme to Arnold Road	Coastal Flux from Arnold Road to Point Mugu	Oxnard Basin LAS	Partial Santa Clara River percolation
1/31/2007	8066	31	1597.8	1.4	-131.6	-3.9	2199.7	-1948.9	-211.8	125.0	-147.0	135.2	-83.4	-243.0	-81.0	18.2	71.9	-1466.2	167.5
2/28/2007	8094	28	-405.4	0.2	-116.2	-5.2	5574.3	-3934.1	43.7	125.1	-120.8	108.9	-8.4	-196.4	-81.8	10.3	48.6	-1203.8	160.9
3/31/2007	8125	31	4272.0	0.0	-122.7	-5.1	2793.2	-6231.9	407.2	146.5	-133.3	122.0	6.7	-144.3	-75.5	21.6	62.8	-1335.3	216.2
4/30/2007	8155	30	2699.0	0.0	-104.3	0.0	1595.7	-3584.5	399.6	149.7	-41.7	130.7	15.6	-206.5	-75.4	19.0	62.2	-1266.2	207.1
5/31/2007	8186	31	5422.5	0.0	-86.2	0.0	592.1	-6220.2	894.4	164.6	113.9	152.4	96.7	-122.1	-66.7	23.9	65.8	-1263.0	232.0
6/30/2007	8216	30	4853.6	0.0	-55.3	0.0	510.6	-6220.5	1169.7	169.9	241.3	179.1	145.4	-74.3	-42.6	34.1	79.5	-1229.6	238.8
7/31/2007	8247	31	4544.8	0.0	-39.2	0.0	270.5	-5784.4	1175.3	186.5	346.5	178.6	172.9	-68.2	-34.2	35.4	87.1	-1324.4	252.7
8/31/2007	8278	31	4036.0	0.0	-27.0	0.0	692.8	-5804.4	1195.1	198.4	394.7	182.6	194.6	-45.2	-25.9	37.5	92.2	-1356.6	235.0
9/30/2007	8308	30	-986.3	0.0	-14.0	0.0	5848.2	-5798.8	1110.7	199.8	345.9	184.3	162.6	-16.5	-13.2	41.7	98.8	-1380.6	216.9
10/31/2007	8339	31	-1494.4	0.0	-3.5	0.0	6957.3	-5838.4	970.8	199.9	195.5	194.7	26.5	-9.5	-5.8	47.0	110.8	-1565.3	214.6
11/30/2007	8369	30	3999.2	0.0	0.0	0.0	1582.9	-5838.4	971.0	181.4	111.7	191.4	-32.7	1.4	0.0	48.6	113.8	-1541.0	210.8
12/31/2007	8400	31	-1094.7	1.0	0.0	0.0	3142.6	-1978.3	784.8	192.4	82.8	226.1	-73.0	-97.1	-10.7	45.9	115.3	-1479.1	142.2
1/31/2008	8431	31	-5348.3	6.5	0.0	0.0	6417.6	-779.5	629.7	184.9	-17.3	274.7	-199.5	-150.0	-32.3	28.7	89.6	-1419.3	314.3
2/29/2008	8460	29	-9926.9	1.8	0.0	0.0	13045.8	-2100.5	283.9	136.5	-230.9	243.7	-401.9	-121.2	-39.7	15.9	58.2	-1370.5	405.7
3/31/2008	8491	31	-5624.6	0.0	0.0	0.0	13561.3	-6071.8	428.1	96.7	-450.8	226.0	-555.1	-31.0	-25.9	26.0	64.3	-1565.6	-77.5
4/30/2008	8521	30	3595.3	0.0	-1.8	0.0	4088.9	-6062.3	449.4	81.4	-472.1	200.2	-387.9	-19.3	-13.2	35.0	76.0	-1534.2	-35.5
5/31/2008	8552	31	5450.5	0.0	-8.2	0.0	1377.0	-6060.6	657.5	100.7	-281.1	205.1	-148.6	-33.2	-12.5	39.4	85.2	-1529.8	158.7
6/30/2008	8582	30	5645.6	0.0	-9.1	0.0	468.3	-6052.0	840.4	125.3	-45.8	206.5	12.8	-23.9	-7.7	41.0	87.4	-1457.9	169.1
7/31/2008	8613	31	5587.1	0.0	-4.8	0.0	191.1	-6121.9	1012.8	155.8	91.5	207.0	78.0	-3.6	4.1	52.8	104.9	-1556.4	201.6
8/31/2008	8644	31	5283.1	0.0	0.0	0.0	178.0	-6141.6	1180.6	179.9	219.1	219.7	114.2	19.8	18.2	62.5	125.8	-1630.0	170.3
9/30/2008	8674	30	2551.1	0.0	0.0	0.0	2721.5	-6149.7	1244.6	190.7	263.5	227.7	118.5	46.0	31.3	68.6	138.9	-1654.3	200.4
10/31/2008	8705	31	-5794.2	0.0	0.0	0.0	11615.5	-6219.2	1233.5	191.9	208.2	247.8	-69.0	59.3	42.9	76.6	157.5	-1968.6	217.7
11/30/2008	8735	30	503.1	1.1	0.0	0.0	1901.9	-1966.6	832.0	160.6	-9.8	255.7	-263.0	-43.2	23.2	58.9	139.3	-1769.3	176.1
12/31/2008	8766	31	-1257.0	1.3	0.0	0.0	3506.1	-1852.2	691.9	178.2	-91.4	251.7	-119.8	-78.8	-2.1	41.7	111.3	-1485.5	104.7
1/31/2009	8797	31	1575.8	0.0	0.0	0.0	3468.4	-4972.2	730.5	195.3	-114.6	244.6	-23.7	-28.0	3.8	42.1	100.1	-1366.5	144.4
2/28/2009	8825	28	-3594.8	4.6	0.0	0.0	4752.1	-686.3	465.3	193.9	-190.1	230.6	-55.5	-110.6	-13.4	27.5	75.6	-1159.7	60.7
3/31/2009	8856	31	73.7	0.0	0.0	0.0	5357.7	-4949.8	486.9	221.0	-259.0	225.9	-56.2	-67.5	-20.1	26.7	67.0	-1216.6	110.4
4/30/2009	8886	30	3664.6	0.0	0.0	0.0	1576.1	-4954.8	534.2	216.7	-178.9	212.4	-49.8	-46.1	-7.6	33.9	72.0	-1219.8	147.0
5/31/2009	8917	31	4537.1	0.0	0.0	0.0	296.8	-4959.9	645.5	229.5	-19.1	232.8	-3.6	-39.1	-2.7	37.4	77.1	-1254.2	222.5
6/30/2009	8947	30	4246.1	0.0	0.0	0.0	191.8	-4952.3	715.2	229.0	135.2	244.1	48.0	-13.8	6.1	38.6	76.9	-1196.8	231.7
7/31/2009	8978	31	5023.4	0.0	0.0	0.0	187.4	-6153.0	986.8	242.9	232.0	235.9	88.3	52.7	28.1	49.3	92.2	-1318.1	250.1
8/31/2009	9009	31	4782.5	0.0	0.0	0.0	189.0	-6175.2	1174.5	250.0	301.4	251.5	105.6	91.6	51.6	61.5	114.9	-1432.9	231.5
9/30/2009	9039	30	4666.0	0.0	0.0	0.0	188.4	-6179.8	1241.3	249.8	339.3	263.4	103.2	121.8	68.3	68.9	129.6	-1475.7	210.4
10/31/2009	9070	31	-864.6	0.4	0.0	0.0	2663.0	-3026.4	1219.0	265.7	353.0	312.8	45.9	84.9	71.3	74.6	145.4	-1506.3	161.1
11/30/2009	9100	30	3638.5	0.0	0.0	0.0	1254.7	-6190.4	1297.2	250.8	308.3	299.0	28.2	142.7	80.8	76.0	147.9	-1523.9	184.6
12/31/2009	9131	31	-3883.4	2.7	0.0	0.0	4650.8	-1636.2	1208.9	257.5	259.0	352.8	-56.0	44.8	67.5	65.2	141.4	-1526.3	51.2
1/31/2010	9162	31	-4512.3	6.2	0.0	0.0	4744.9	-746.0	1070.2	241.2	118.3	365.6	-196.4	-15.4	32.8	40.9	102.4	-1326.3	73.9
2/28/2010	9190	28	-7421.7	3.6	0.0	0.0	8198.6	-958.7	771.2	200.8	-51.2	317.3	-219.3	-26.5	13.8	25.5	67.4	-1052.2	131.4
3/31/2010	9221	31	-2177.1	0.0	0.0	0.0	7719.5	-5562.0	820.3	210.2	-281.4	327.4	-225.9	63.8	32.2	39.3	77.1	-1135.5	92.0
4/30/2010	9251	30	-450.6	0.6	0.0	0.0	3539.3												

Flow Budget for the UAS in Oxnard Basin																			
			influx(+) outflux(-); units in Acre-feet																
			STORAGE	Volcanic Outcrop Recharge	Tile DRAINS	ET	RECHARGE	Pumping from Wells	Oxnard Basin Semi-Perched Aquifer	Santa Paula	Mound	Pleasant Valley	Las Posas	Coastal Flux north to Channel Islands Horbor	Coastal flux from Channel Islands Harbor to South of Port Hueneme	Coastal Flux from South of Port Hueneme to Arnold Road	Coastal Flux from Arnold Road to Point Mugu	Oxnard Basin LAS	Partial Santa Clara River percolation
5/31/2014	10743	31	3172.9	0.0	0.0	0.0	242.2	-4920.8	1524.7	315.8	281.3	329.3	32.4	234.9	146.8	110.8	222.1	-1858.6	166.3
6/30/2014	10773	30	3241.0	0.0	0.0	0.0	174.6	-4923.0	1525.8	306.2	313.6	321.4	35.9	247.1	154.1	114.4	228.5	-1887.8	148.2
7/31/2014	10804	31	2583.4	0.0	0.0	0.0	152.9	-4416.0	1598.4	316.8	351.4	351.3	25.5	306.1	179.6	123.6	249.0	-1984.9	162.8
8/31/2014	10835	31	2559.8	0.0	0.0	0.0	148.8	-4420.7	1631.9	318.5	350.6	358.6	23.6	324.7	193.9	129.5	261.8	-2042.5	161.5
9/30/2014	10865	30	2593.6	0.0	0.0	0.0	148.8	-4415.2	1606.5	310.6	338.5	349.4	22.7	328.6	197.2	130.4	264.3	-2027.2	151.6
10/31/2014	10896	31	2517.0	0.0	0.0	0.0	147.2	-4429.1	1662.1	324.0	341.1	363.3	20.7	344.7	211.2	138.6	282.3	-2133.6	210.6
11/30/2014	10926	30	1820.4	0.0	0.0	0.0	136.8	-3596.4	1586.9	318.5	311.1	351.1	9.9	300.3	203.2	133.8	277.2	-2046.5	193.7
12/31/2014	10957	31	-1328.5	4.2	0.0	0.0	487.1	-852.4	1734.0	340.8	260.0	411.4	-10.6	218.0	182.9	118.1	261.8	-1897.0	70.2
1/31/2015	10988	31	-1505.4	1.3	0.0	0.0	1257.6	-1291.0	1404.3	343.1	210.0	378.9	-24.4	203.9	157.2	97.8	218.6	-1581.1	129.2
2/28/2015	11016	28	1612.8	0.0	0.0	0.0	762.4	-3831.6	1275.0	305.6	183.3	302.9	-18.1	241.7	150.1	95.2	192.9	-1412.0	139.9
3/31/2015	11047	31	1276.7	0.2	0.0	0.0	778.0	-3616.5	1397.7	335.0	210.8	350.5	-28.2	279.7	178.8	109.9	220.5	-1635.9	142.7
4/30/2015	11077	30	2051.5	0.0	0.0	0.0	261.6	-3856.8	1375.8	320.8	218.0	325.7	-28.9	279.5	177.3	109.9	215.6	-1606.4	156.5
5/31/2015	11108	31	2088.5	0.0	0.0	0.0	123.3	-3870.8	1446.8	332.0	235.7	335.9	-24.8	295.4	190.1	119.1	233.5	-1704.7	200.1
6/30/2015	11138	30	2083.2	0.0	0.0	0.0	124.8	-3868.3	1434.9	320.5	240.4	325.9	-16.4	297.0	190.0	119.1	233.5	-1685.2	200.8
7/31/2015	11169	31	1878.3	0.0	0.0	0.0	133.6	-3764.9	1498.4	330.5	286.7	338.0	-21.1	345.2	205.9	125.0	248.3	-1806.2	201.2
8/31/2015	11200	31	1889.1	0.0	0.0	0.0	134.1	-3779.6	1527.8	330.0	294.5	329.0	-20.6	354.4	213.3	130.1	259.9	-1862.7	200.9
9/30/2015	11230	30	1889.2	0.0	0.0	0.0	130.6	-3698.7	1507.9	321.3	287.9	312.0	-18.6	343.8	211.9	130.7	262.7	-1857.6	176.9
10/31/2015	11261	31	1897.9	0.0	0.0	0.0	133.3	-3788.1	1574.5	334.0	304.3	322.4	-18.1	366.5	224.7	138.8	280.9	-1959.2	188.3
11/30/2015	11291	30	1934.6	0.0	0.0	0.0	132.2	-3783.5	1545.1	324.8	299.1	311.6	-17.3	366.3	223.6	137.7	279.4	-1932.2	178.9
12/31/2015	11322	31	1887.7	0.0	0.0	0.0	132.6	-3793.0	1609.5	337.5	309.5	322.8	-20.6	382.0	236.0	145.1	295.5	-2024.6	179.8

Flow Budget for the LAS in Oxnard Basin															
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet												
			STORAGE	Mountain Front Recharge	Recharge	Pumping from Wells	Oxnard Basin UAS	Santa Paula	Pleasant Valley	Las Posas	Mound	Coastal Flux north to Channel Islands Horbor	Coastal flux from Channel Islands Harbor to South of Port Hueneme	Costal Flux from South of Port Hueneme to Arnold Road	Costal Flux from Arnold Road to Point Mugu
1/31/1985	31	31	-224.2	0.0	1.2	-1657.6	1184.5	2.0	-30.8	-36.0	471.7	110.5	92.7	40.8	45.2
2/28/1985	59	28	-145.8	0.0	1.3	-1518.0	997.3	1.8	-31.1	-35.7	446.7	111.4	91.1	42.3	38.6
3/31/1985	90	31	729.1	0.0	1.1	-2697.3	1114.4	2.0	-3.0	-24.9	541.2	125.2	102.1	60.7	49.3
4/30/1985	120	30	1287.7	0.0	0.8	-3539.3	1147.0	1.9	-15.3	36.0	658.3	169.0	124.9	69.8	59.2
5/31/1985	151	31	1002.2	0.0	0.8	-3503.4	1248.2	2.0	-22.4	77.3	691.3	208.8	144.8	78.8	71.8
6/30/1985	181	30	931.5	0.0	0.8	-3499.8	1252.9	1.9	-17.2	105.6	687.6	224.2	153.2	81.7	77.7
7/31/1985	212	31	1251.4	0.0	0.8	-4089.6	1388.7	2.0	34.6	149.1	650.1	245.1	164.4	95.0	108.3
8/31/1985	243	31	1059.3	0.0	0.8	-4076.0	1480.5	2.1	60.1	160.0	638.0	252.3	172.1	105.8	145.1
9/30/1985	273	30	953.4	0.0	0.8	-4069.6	1550.3	2.1	72.5	164.5	624.5	257.8	176.3	108.8	158.6
10/31/1985	304	31	699.8	0.0	0.7	-4016.8	1673.1	2.2	84.5	158.9	641.0	276.7	189.4	116.0	174.4
11/30/1985	334	30	-2247.4	0.1	4.1	-477.3	1510.2	2.1	64.2	102.6	448.4	206.6	149.0	87.8	149.6
12/31/1985	365	31	115.4	0.0	0.9	-2910.3	1446.9	2.2	32.9	145.0	592.5	213.0	153.7	81.5	126.4
1/31/1986	396	31	-1771.3	0.1	4.2	-640.1	1345.0	2.2	28.8	78.3	461.3	179.3	132.7	70.5	108.9
2/28/1986	424	28	-1665.9	0.2	8.5	-254.3	1098.5	2.0	17.6	66.0	383.3	125.3	99.0	47.8	72.0
3/31/1986	455	31	-1590.0	0.1	4.9	-407.2	1234.4	2.1	4.9	21.2	422.4	112.3	93.8	42.4	58.6
4/30/1986	485	30	163.0	0.0	1.0	-2251.1	1298.6	2.0	34.1	-37.0	467.3	123.1	103.0	46.6	49.5
5/31/1986	516	31	1592.6	0.0	0.9	-4229.4	1423.3	1.9	89.5	-44.1	672.5	199.8	150.3	77.6	65.1
6/30/1986	546	30	1395.2	0.0	0.9	-4205.5	1417.4	1.8	130.7	-8.4	661.6	252.0	174.9	95.8	83.6
7/31/1986	577	31	579.4	0.0	0.7	-3422.4	1580.8	1.9	68.2	-21.9	600.6	244.2	177.4	94.0	97.1
8/31/1986	608	31	633.1	0.0	0.7	-3422.3	1565.6	1.8	24.1	-20.0	610.9	233.2	177.2	91.4	104.3
9/30/1986	638	30	-325.2	0.0	1.0	-2110.1	1383.5	1.8	-2.2	8.3	502.3	200.9	153.9	82.9	102.7
10/31/1986	669	31	777.4	0.0	0.7	-3433.7	1405.1	1.9	-9.5	60.2	616.3	214.9	172.5	87.5	106.0
11/30/1986	699	30	-850.8	0.0	1.5	-1571.6	1318.3	1.9	4.0	52.8	509.0	197.6	154.5	80.4	102.3
12/31/1986	730	31	832.9	0.0	0.7	-3447.0	1332.6	2.0	0.2	91.5	615.7	211.5	170.7	85.0	103.0
1/31/1987	761	31	-883.0	0.0	1.4	-1497.7	1302.3	2.1	29.8	79.3	460.3	187.2	141.9	78.8	97.7
2/28/1987	789	28	-257.4	0.0	1.1	-1789.8	1124.0	1.9	16.7	79.0	414.1	151.9	121.0	63.2	74.1
3/31/1987	820	31	-742.8	0.0	1.6	-1423.4	1229.5	2.1	3.4	79.8	432.4	154.7	125.9	63.9	72.8
4/30/1987	850	30	2202.1	0.0	0.7	-4762.2	1294.0	2.1	77.5	114.7	564.6	192.5	159.6	82.9	71.5
5/31/1987	881	31	1710.7	0.0	0.7	-4700.6	1544.5	2.1	90.6	132.0	590.9	247.5	189.6	104.5	87.3
6/30/1987	911	30	1483.3	0.0	0.7	-4687.8	1676.6	2.1	104.5	141.0	591.5	272.6	205.0	112.0	98.5
7/31/1987	942	31	1406.1	0.0	0.7	-5178.0	1990.5	2.1	146.6	139.0	686.1	328.3	222.4	116.9	136.9
8/31/1987	973	31	1140.8	0.0	0.7	-5176.4	2106.0	2.1	184.4	144.2	708.6	349.5	235.8	124.4	177.4
9/30/1987	1003	30	1132.1	0.0	0.7	-5180.3	2051.8	2.1	197.8	170.1	707.7	356.5	241.3	126.8	188.9
10/31/1987	1034	31	-1583.0	0.0	1.3	-2116.9	2024.1	2.2	145.9	153.8	537.3	311.7	218.5	118.6	186.3
11/30/1987	1064	30	-1420.2	0.0	1.2	-1881.1	1777.0	2.1	114.5	149.4	557.5	265.3	189.5	94.0	150.6
12/31/1987	1095	31	-1966.3	0.1	3.6	-907.0	1606.4	2.2	66.7	123.8	463.9	231.7	170.3	79.1	125.4
1/31/1988	1126	31	-1381.3	0.1	2.5	-1162.1	1418.1	2.2	46.8	107.6	450.1	198.0	150.6	70.9	96.4
2/29/1988	1155	29	-323.7	0.0	1.3	-2057.4	1267.6	2.1	55.4	92.2	475.5	196.4	145.8	70.7	74.2
3/31/1988	1186	31	1281.3	0.0	0.6	-4167.3	1491.8	2.2	114.5	113.7	589.5	241.9	166.9	88.0	77.0
4/30/1988	1216	30	-1387.8	0.1	2.6	-1156.2	1548.5	2.1	49.7	47.1	390.1	207.3	147.1	75.7	73.9
5/31/1988	1247	31	1229.2	0.0	0.6	-4196.6	1651.5	2.1	108.2	56.3	570.8	243.9	169.1	87.3	77.5
6/30/1988	1277	30	1068.5	0.0	0.6	-4171.1	1726.7	2.0	126.3	47.8	564.0	272.8	179.4	97.4	83.4
7/31/1988	1308	31	1195.6	0.0	0.5	-4499.2	1889.3	2.1	56.3	103.0	532.1	298.5	194.5	109.5	117.8
8/31/1988	1339	31	1040.4	0.0	0.5	-4483.7	1945.7	2.1	33.2	136.5	536.4	313.0	205.3	117.0	153.6
9/30/1988	1369	30	989.1	0.0	0.5	-4480.3	1949.7	2.1	31.4	164.9	532.0	318.0	209.2	118.9	164.6
10/31/1988	1400	31	730.7	0.0	0.5	-4459.9	2083.8	2.2	33.7	191.0	549.7	339.2	224.0	126.0	178.9
11/30/1988	1430	30	-655.6	0.0	0.9	-2783.3	1943.1	2.2	35.9	156.8	489.6	315.9	213.3	113.9	167.1
12/31/1988	1461	31	-2377.3	0.1	3.1	-615.2	1774.5	2.3	11.4	125.3	396.0	260.1	186.5	91.4	141.9
1/31/1989	1492	31	309.5	0.0	0.5	-3486.7	1659.4	2.3	17.4	167.2	686.3	270.5	186.0	80.7	107.0
2/28/1989	1520	28	-1587.0	0.1	3.0	-881.4	1431.4	2.1	-4.9	109.0	402.1	224.4	154.6	67.5	79.1
3/31/1989	1551	31	348.6	0.0	0.8	-3257.5	1564.8	2.3	25.1	117.0	606.2	257.1	179.4	77.9	78.3
4/30/1989	1581	30	1103.2	0.0	0.5	-4245.9	1645.5	2.2	47.6	141.4	668.1	282.7	189.1	87.9	77.7
5/31/1989	1612	31	802.2	0.0	0.5	-4216.0	1785.0	2.3	60.5	166.9	685.3	318.3	208.5	99.4	87.1
6/30/1989	1642	30	754.7	0.0	0.5	-4212.4	1794.5	2.2	67.9	183.1	677.5	326.4	213.3	101.6	90.8
7/31/1989	1673	31	748.6	0.0	0.4	-4243.3	1941.3	2.3	-5.6	166.8	602.1	337.7	222.1	109.9	117.8
8/31/1989	1704	31	689.3	0.0	0.4	-4232.5	1998.8	2.4	-35.2	164.0	591.8	338.3	224.6	113.6	144.7
9/30/1989	1734	30	713.2	0.0	0.4	-4232.9	1990.1	2.3	-43.1	166.9	580.3	335.1	222.7	113.2	151.9
10/31/1989	1765	31	518.3	0.0	0.4	-4215.7	2101.6	2.4	-47.2	177.7	592.7	352.6	234.6	118.9	163.6
11/30/1989	1795	30	537.4	0.0	0.3	-4152.7	2042.2	2.4	-46.8	173.7	582.2	349.2	232.5	117.2	162.5
12/31/1989	1826	31	414.9	0.0	0.4	-4209.5	2152.7	2.5	-46.9	188.4	594.2	366.1	244.0	122.5	170.7
1/31/1990	1857	31	-1570.4	0.0	2.1	-1890.8	2023.3	2.5	2.1	158.2	463.1	327.4	223.6	109.2	149.7
2/28/1990	1885	28	-888.8	0.0	1.7	-2101.1	1699.5	2.2	34.3	132.0	441.9	283.5	199.0	87.9	107.6
3/31/1990	1916	31	1591.9	0.0	0.5	-5352.0	2020.5	2.5	91.9	195.4	661.3	345.3	230.2	104.4	108.1
4/30/1990	1946	30	1353.7	0.0	0.5	-5323.6	2158.6	2.4	108.0	211.9	658.2	376.2	239.1	110.2	104.7
5/31/1990	1977	31	827.4	0.0	0.4	-5036.8	2311.7	2.5	122.9	216.1	654.6	409.1	260.3	119.4	112.3
6/30/1990	2007	30	984.9	0.0	0.5	-5300.9	2360.9	2.5	130.4	239.9	671.7	412.8	263.1	120.4	113.8
7/31/1990	2038	31	366.5	0.0	0.3	-4819.6	2504.9	2.6	76.4	300.0	604.3	423.5	272.8	128.1	140.2
8/31/1990	2069	31	343.5	0.0	0.3	-4814.8	2510.6	2.6	66.9	299.1	600.6	415.8	273.4	132.9	169.2
9/30/1990	2099	30	451.2	0.0	0.3	-4825.8	2445.0	2.5	66.2	292.3	589.3	404.5	267.3	131.5	175.4
10/31/1990	2130	31	282.5	0.0	0.3	-4811.3	2534.8	2.6	70.2	298.0	601.5	420.0	278.1	136.8	186.4
11/30/1990	2160	30	227.6	0.0	0.3	-4669.8	2456.4	2.6	105.5	289.0	588.9	410.7	272.0	133.5	182.7
12/31/1990	2191	31	251.6	0.0	0.3	-4814.3	2529.8	2.7	98.4	296.5	599.1	425.7	282.2	138.1	190.0
1/31/1991	2222	31	-1354.0	0.0	0.7	-2736.5	2357.2	2.7	24.0	236.1	489.8	410.4	276.5	125.7	167.2

Flow Budget for the LAS in Oxnard Basin															
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet												
			STORAGE	Mountain Front Recharge	Recharge	Pumping from Wells	Oxnard Basin UAS	Santa Paula	Pleasant Valley	Las Posas	Mound	Coastal Flux north to Channel Islands Horbor	Coastal flux from Channel Islands Harbor to South of Port Hueneme	Costal Flux from South of Port Hueneme to Arnold Road	Costal Flux from Arnold Road to Point Mugu
2/28/1991	2250	28	-1968.0	0.0	2.3	-1122.6	1841.5	2.4	-12.7	152.4	347.4	318.0	225.1	95.6	118.7
3/31/1991	2281	31	-2926.3	0.2	10.8	-97.7	1900.2	2.7	-31.2	112.7	333.0	289.3	215.6	85.5	105.2
4/30/1991	2311	30	988.5	0.0	0.4	-4257.1	2015.2	2.4	-54.9	127.1	464.1	312.0	222.8	87.7	87.6
5/31/1991	2342	31	736.0	0.0	0.4	-4206.9	2152.8	2.4	-64.0	104.2	480.8	356.3	242.7	101.7	91.1
6/30/1991	2372	30	743.1	0.0	0.4	-4205.0	2123.0	2.3	-64.2	116.5	473.0	364.5	245.9	104.1	92.3
7/31/1991	2403	31	743.5	0.0	0.2	-4356.4	2208.0	2.4	-71.0	167.0	439.4	369.7	253.4	119.8	124.0
8/31/1991	2434	31	631.4	0.0	0.2	-4349.2	2242.8	2.4	-67.1	186.3	438.3	369.8	256.7	129.7	158.9
9/30/1991	2464	30	647.3	0.0	0.2	-4351.4	2209.2	2.3	-59.5	200.4	432.6	365.6	254.0	130.3	168.9
10/31/1991	2495	31	436.8	0.0	0.2	-4333.3	2317.4	2.4	-55.4	213.0	448.7	384.0	266.6	136.8	182.7
11/30/1991	2525	30	488.3	0.0	0.2	-4340.2	2283.3	2.4	-51.7	219.1	441.8	378.5	262.6	134.4	181.4
12/31/1991	2556	31	-3046.1	0.1	3.9	-356.7	2109.9	2.5	-26.0	102.0	352.4	338.7	241.8	114.1	163.4
1/31/1992	2587	31	-2212.5	0.0	1.7	-637.7	1802.0	2.5	-51.8	53.6	316.8	294.4	219.4	91.3	120.3
2/29/1992	2616	29	-2387.3	0.2	9.2	-12.6	1593.0	2.3	-47.8	3.3	274.8	232.1	176.9	69.7	86.3
3/31/1992	2647	31	-2073.2	0.1	5.3	-198.5	1614.1	2.3	-49.1	-90.0	273.8	214.1	167.2	62.3	71.4
4/30/1992	2677	30	398.7	0.0	0.2	-2671.3	1651.6	2.1	-85.8	-104.0	251.8	240.6	181.7	71.3	63.0
5/31/1992	2708	31	218.7	0.0	0.2	-2627.1	1757.8	2.1	-101.5	-117.5	244.4	270.4	195.8	85.5	71.1
6/30/1992	2738	30	253.3	0.0	0.2	-2626.7	1703.5	2.0	-96.6	-94.7	228.9	273.0	195.8	87.2	74.1
7/31/1992	2769	31	828.1	0.0	0.2	-3370.9	1790.5	2.0	-117.9	-31.1	232.4	276.2	199.2	97.6	93.6
8/31/1992	2800	31	704.3	0.0	0.2	-3359.5	1818.1	2.0	-114.3	2.6	240.9	278.7	203.1	105.0	118.9
9/30/1992	2830	30	661.2	0.0	0.2	-3357.9	1805.9	2.0	-108.5	38.6	241.7	278.1	202.9	106.5	129.2
10/31/1992	2861	31	-516.0	0.0	1.2	-2292.9	1919.1	2.1	-86.5	-28.9	276.2	275.9	202.8	108.3	138.7
11/30/1992	2891	30	349.1	0.0	0.2	-3356.0	2134.7	1.9	-97.5	-15.3	259.5	275.7	204.9	106.6	136.0
12/31/1992	2922	31	-2443.8	0.1	4.9	-289.1	2058.8	2.0	-55.4	-164.2	252.3	237.0	179.5	90.1	127.8
1/31/1993	2953	31	-2267.4	0.2	9.3	-45.9	1772.8	1.9	-50.7	-172.7	252.6	189.0	152.2	65.1	93.5
2/28/1993	2981	28	-1650.4	0.2	9.3	-146.1	1421.0	1.7	-59.7	-157.5	215.5	139.1	117.6	47.0	62.2
3/31/1993	3012	31	-1294.5	0.1	3.4	-472.7	1449.9	1.9	-93.6	-182.1	240.6	132.2	115.7	45.7	53.4
4/30/1993	3042	30	667.4	0.0	0.1	-2944.9	1751.1	1.7	-156.5	-156.4	414.4	177.3	139.5	57.0	49.1
5/31/1993	3073	31	454.2	0.0	0.1	-2902.1	1875.4	1.7	-175.5	-201.6	446.5	213.8	157.3	71.6	58.6
6/30/1993	3103	30	480.2	0.0	0.3	-2853.7	1717.2	1.6	-169.7	-146.0	448.6	222.1	161.4	74.8	63.3
7/31/1993	3134	31	755.0	0.0	0.2	-3257.8	1782.7	1.7	-96.6	-88.4	344.4	216.5	161.1	90.0	91.3
8/31/1993	3165	31	579.0	0.0	0.2	-3251.9	1850.7	1.7	-67.1	-59.4	333.0	220.4	165.7	100.9	126.8
9/30/1993	3195	30	426.9	0.0	0.2	-3246.6	1964.8	1.7	-49.4	-57.8	329.0	222.3	166.6	102.9	139.6
10/31/1993	3226	31	163.7	0.0	0.2	-3229.0	2191.2	1.7	-40.6	-98.4	339.2	234.7	175.6	108.4	153.3
11/30/1993	3256	30	-270.1	0.0	0.2	-2628.0	2096.7	1.6	-33.8	-126.2	311.3	226.0	171.3	102.8	148.1
12/31/1993	3287	31	-1374.5	0.0	1.1	-1253.5	1990.4	1.7	-38.5	-160.7	269.1	192.6	151.4	86.7	134.4
1/31/1994	3318	31	313.7	0.0	0.2	-3019.1	1952.2	1.7	-6.8	-114.8	298.8	210.9	163.3	84.1	107.4
2/28/1994	3346	28	-1856.4	0.1	6.1	-241.0	1605.8	1.5	-26.6	-116.5	217.5	152.8	120.2	60.1	76.3
3/31/1994	3377	31	-1271.1	0.1	2.3	-721.9	1566.3	1.7	-39.2	-129.5	230.4	131.7	113.7	51.4	64.1
4/30/1994	3407	30	871.2	0.0	0.2	-3061.1	1611.2	1.6	-29.6	-93.0	276.2	163.3	130.3	62.5	57.3
5/31/1994	3438	31	518.6	0.0	0.2	-3008.6	1808.6	1.7	-27.9	-95.7	302.0	201.0	149.6	77.1	65.0
6/30/1994	3468	30	519.3	0.0	0.2	-3016.6	1767.5	1.6	-17.8	-85.3	304.9	212.1	155.3	80.3	68.2
7/31/1994	3499	31	1273.2	0.0	0.2	-4063.4	1848.7	1.7	-37.0	-30.7	424.9	235.5	167.4	90.8	88.7
8/31/1994	3530	31	1049.3	0.0	0.2	-4047.7	1917.8	1.7	-6.1	6.7	426.1	257.9	177.9	100.5	115.8
9/30/1994	3560	30	956.6	0.0	0.2	-4042.8	1930.2	1.7	12.7	38.0	419.6	268.7	183.6	103.8	127.7
10/31/1994	3591	31	680.2	0.0	0.2	-4021.6	2083.7	1.8	26.5	57.7	430.4	289.8	197.9	111.2	142.2
11/30/1994	3621	30	-953.7	0.0	0.9	-2015.7	1953.2	1.8	34.6	14.3	310.0	247.5	176.7	96.7	133.9
12/31/1994	3652	31	-732.0	0.0	0.5	-2162.3	1938.3	1.9	11.4	23.5	326.7	219.9	163.9	85.6	122.6
1/31/1995	3683	31	-2573.2	0.4	15.8	80.8	1785.9	1.9	1.5	2.1	226.6	165.4	131.5	63.4	97.9
2/28/1995	3711	28	-694.3	0.0	0.6	-1620.7	1674.9	1.7	-4.6	-38.5	286.8	152.0	122.0	52.9	67.2
3/31/1995	3742	31	-2080.3	0.2	8.5	-80.0	1746.9	1.8	-24.6	-136.1	220.7	128.6	107.0	47.9	59.4
4/30/1995	3772	30	623.1	0.0	0.1	-2853.6	1612.5	1.6	-4.6	-117.6	333.1	164.1	130.8	58.7	51.7
5/31/1995	3803	31	-43.7	0.0	0.1	-2377.9	1778.6	1.6	7.6	-136.4	305.5	188.7	143.2	72.7	60.0
6/30/1995	3833	30	388.4	0.0	0.1	-2872.7	1770.0	1.5	13.5	-129.5	348.4	200.6	145.6	73.0	61.2
7/31/1995	3864	31	308.3	0.0	0.1	-2892.4	1833.6	1.6	-5.3	-91.3	340.0	200.4	145.3	79.8	79.7
8/31/1995	3895	31	241.8	0.0	0.1	-2880.9	1902.0	1.6	-20.9	-78.3	323.1	184.1	139.7	84.3	103.5
9/30/1995	3925	30	219.9	0.0	0.1	-2879.7	1935.0	1.5	-21.0	-73.1	310.1	176.3	135.2	83.9	111.8
10/31/1995	3956	31	33.7	0.0	0.1	-2866.5	2099.0	1.5	-19.9	-91.1	313.3	181.1	139.4	87.4	122.0
11/30/1995	3986	30	104.0	0.0	0.1	-2871.0	2057.8	1.5	-17.0	-100.7	305.3	177.0	136.2	85.3	121.3
12/31/1995	4017	31	-1500.0	0.0	1.9	-931.0	1924.3	1.5	-11.7	-156.2	220.3	144.0	119.9	73.1	113.9
1/31/1996	4048	31	-633.7	0.0	0.7	-1509.7	1712.4	1.5	-21.0	-144.8	230.9	113.8	103.5	60.8	85.5
2/29/1996	4077	29	-1664.1	0.2	7.6	-154.6	1558.8	1.4	-26.3	-140.8	171.8	75.1	74.3	40.0	56.6
3/31/1996	4108	31	-403.0	0.0	2.0	-1445.7	1593.8	1.5	-38.9	-183.0	217.0	79.8	84.0	44.8	47.6
4/30/1996	4138	30	469.2	0.0	0.2	-2380.3	1557.0	1.4	-58.9	-150.2	274.0	101.4	91.4	51.1	43.8
5/31/1996	4169	31	751.8	0.0	0.3	-2819.8	1614.5	1.4	-58.2	-128.0	296.8	127.6	103.1	62.1	48.4
6/30/1996	4199	30	701.6	0.0	0.3	-2810.0	1562.3	1.4	-44.0	-79.7	294.5	142.9	110.1	67.4	53.1
7/31/1996	4230	31	1739.4	0.0	0.4	-4322.3	1746.0	1.5	9.6	-17.1	390.8	167.2	127.9	80.0	76.4
8/31/1996	4261	31	1379.9	0.0	0.4	-4297.1	1899.5	1.5	46.7	18.5	401.8	200.8	146.3	94.2	107.4
9/30/1996	4291	30	1217.6	0.0	0.4	-4293.0	1958.3	1.5	64.0	44.8	405.7	220.5	158.5	100.4	121.3
10/31/1996	4322	31	-520.4	0.0	0.9	-2512.2	2033.3	1.6	65.2	13.1	310.5	215.1	163.2	100.3	129.3
11/30/1996	4352	30	-1663.2	0.0	2.2	-898.1	1802.3	1.6	37.9	-25.2	263.1	165.2	130.0	75.2	108.9
12/31/1996	4383	31	-2033.9	0.1	5.6	-300.7	1775.2	1.6	8.5	-65.0	239.4	125.3	105.6	53.4	84.8
1/31/1997	4414	31	-1835.5	0.1	4.9	-262.6	1770.8	1.6	-16.7	-157.0	224.3	87.9	84.2	38.4	59.6

Flow Budget for the LAS in Oxnard Basin															
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet												
			STORAGE	Mountain Front Recharge	Recharge	Pumping from Wells	Oxnard Basin UAS	Santa Paula	Pleasant Valley	Las Posas	Mound	Coastal Flux north to Channel Islands Horbor	Coastal flux from Channel Islands Harbor to South of Port Hueneme	Costal Flux from South of Port Hueneme to Arnold Road	Costal Flux from Arnold Road to Point Mugu
2/28/1997	4442	28	1062.7	0.0	0.4	-3070.8	1548.5	1.3	9.9	-160.5	315.2	97.5	100.9	49.2	45.7
3/31/1997	4473	31	643.8	0.0	0.4	-3004.9	1784.8	1.4	4.2	-165.3	352.9	133.1	122.7	70.0	57.0
4/30/1997	4503	30	617.8	0.0	0.4	-3005.5	1745.5	1.3	10.4	-129.6	352.3	143.0	128.5	73.7	62.1
5/31/1997	4534	31	494.0	0.0	0.4	-2993.1	1759.9	1.4	13.2	-91.9	369.5	157.6	138.9	79.6	70.5
6/30/1997	4564	30	534.0	0.0	0.4	-2998.1	1663.0	1.4	17.5	-44.8	370.9	161.8	141.0	80.0	73.0
7/31/1997	4595	31	1320.0	0.0	0.6	-4157.7	1797.5	1.5	-28.3	42.4	482.1	191.1	160.5	94.1	96.3
8/31/1997	4626	31	1057.9	0.0	0.6	-4128.8	1883.4	1.5	-9.8	76.2	502.4	213.6	172.4	105.5	125.3
9/30/1997	4656	30	971.2	0.0	0.6	-4126.8	1898.4	1.6	5.5	98.5	504.1	223.6	178.3	108.7	136.5
10/31/1997	4687	31	693.0	0.0	0.6	-4104.0	2059.0	1.7	17.2	109.7	522.9	242.3	191.5	115.8	150.4
11/30/1997	4717	30	-1880.0	0.0	2.1	-951.9	1862.1	1.7	20.5	35.7	344.5	193.2	149.7	89.3	133.2
12/31/1997	4748	31	-2229.3	0.1	7.2	-215.1	1706.9	1.8	7.7	4.4	289.6	142.0	119.7	62.0	103.1
1/31/1998	4779	31	-1535.6	0.1	3.5	-733.9	1628.3	1.7	-5.3	-57.8	353.9	111.9	106.7	52.1	74.4
2/28/1998	4807	28	-1781.7	0.5	20.3	6.4	1356.5	1.5	-23.3	-45.4	236.3	73.9	71.3	34.7	48.9
3/31/1998	4838	31	-1066.6	0.1	3.4	-853.0	1481.9	1.6	-24.1	-123.3	354.3	68.3	81.0	36.2	40.2
4/30/1998	4868	30	-528.2	0.0	1.1	-1319.9	1463.3	1.5	-31.9	-206.9	401.0	68.6	78.3	39.5	33.6
5/31/1998	4899	31	-755.3	0.1	4.0	-981.6	1450.5	1.4	-40.1	-235.1	347.7	64.0	71.4	40.6	32.5
6/30/1998	4929	30	1517.2	0.0	0.2	-3900.6	1528.5	1.3	-3.7	-223.2	733.3	112.2	126.7	68.6	39.4
7/31/1998	4960	31	384.6	0.0	0.5	-2722.8	1652.4	1.3	9.3	-164.0	463.7	127.4	105.4	78.6	63.6
8/31/1998	4991	31	436.3	0.0	0.5	-2731.6	1571.3	1.3	28.4	-121.5	435.1	117.1	103.4	76.2	83.7
9/30/1998	5021	30	398.0	0.0	0.3	-2689.5	1517.8	1.3	37.0	-78.9	429.2	115.3	102.6	75.7	91.2
10/31/1998	5052	31	99.8	0.0	0.5	-2710.0	1807.7	1.3	42.8	-90.2	438.4	122.5	107.8	79.2	100.3
11/30/1998	5082	30	-607.8	0.0	0.7	-1777.0	1799.2	1.3	29.6	-169.0	356.0	108.1	95.6	68.9	94.4
12/31/1998	5113	31	-414.6	0.0	0.5	-1929.7	1768.9	1.3	9.6	-160.4	387.0	101.6	89.0	60.3	86.6
1/31/1999	5144	31	-1097.2	0.0	1.6	-702.0	1541.3	1.3	-18.7	-195.0	205.9	75.9	69.0	48.3	69.5
2/28/1999	5172	28	680.6	0.0	0.7	-2220.8	1283.1	1.1	-14.3	-123.0	160.4	61.1	65.0	53.3	52.8
3/31/1999	5203	31	-1269.4	0.1	2.9	-356.5	1410.4	1.3	-47.3	-129.2	175.7	57.1	57.5	45.1	52.3
4/30/1999	5233	30	-913.9	0.0	2.0	-529.1	1301.7	1.3	-41.3	-136.0	168.6	34.1	43.2	30.0	39.3
5/31/1999	5264	31	831.2	0.0	0.2	-2287.1	1299.3	1.3	-38.5	-136.7	147.8	43.1	52.4	47.2	39.8
6/30/1999	5294	30	805.1	0.0	0.2	-2255.5	1225.6	1.2	-44.0	-96.1	131.9	64.1	61.3	59.7	46.5
7/31/1999	5325	31	1577.3	0.0	0.3	-3468.9	1346.6	1.3	-9.5	5.3	257.5	88.0	61.9	70.2	69.9
8/31/1999	5356	31	1265.6	0.0	0.3	-3457.9	1466.6	1.4	28.4	50.0	281.8	111.9	75.1	78.5	98.1
9/30/1999	5386	30	1093.9	0.0	0.3	-3448.0	1533.8	1.4	45.6	76.8	290.5	127.6	84.8	82.8	110.5
10/31/1999	5417	31	784.4	0.0	0.3	-3425.3	1728.0	1.5	57.0	83.7	310.2	147.5	98.3	89.9	124.5
11/30/1999	5447	30	-261.4	0.0	0.7	-2206.5	1657.6	1.5	50.9	46.5	271.4	140.8	98.4	80.1	119.9
12/31/1999	5478	31	825.8	0.0	0.3	-3439.8	1675.4	1.5	62.7	88.7	324.8	147.8	102.7	86.5	123.6
1/31/2000	5509	31	-1210.9	0.0	1.4	-1192.4	1591.4	1.6	48.3	38.7	284.1	148.2	103.3	74.7	111.6
2/29/2000	5538	29	-1689.4	0.2	6.8	-245.4	1330.3	1.5	18.3	22.7	235.8	110.9	84.2	48.5	75.8
3/31/2000	5569	31	-1068.2	0.0	2.1	-945.0	1470.8	1.6	17.3	-16.3	267.9	93.0	73.5	42.7	60.6
4/30/2000	5599	30	-895.5	0.0	2.0	-872.8	1381.1	1.5	1.2	-89.8	248.8	76.8	61.3	38.3	47.1
5/31/2000	5630	31	1565.5	0.0	0.4	-3600.1	1417.4	1.5	33.3	-48.0	339.6	111.3	68.2	60.5	50.4
6/30/2000	5660	30	1347.6	0.0	0.4	-3568.9	1475.4	1.4	40.5	-10.2	330.1	158.4	86.9	77.3	60.9
7/31/2000	5691	31	814.7	0.0	0.4	-3219.9	1565.1	1.5	20.9	31.6	335.9	175.3	102.9	84.3	87.2
8/31/2000	5722	31	708.3	0.0	0.4	-3217.6	1583.4	1.6	40.0	58.5	340.8	174.1	107.8	87.6	115.1
9/30/2000	5752	30	659.6	0.0	0.4	-3215.9	1595.6	1.5	46.7	73.9	340.9	174.7	109.6	88.6	124.3
10/31/2000	5783	31	-308.2	0.0	0.8	-2448.8	1859.8	1.6	51.6	16.4	317.3	175.6	116.1	87.9	129.8
11/30/2000	5813	30	445.6	0.0	0.4	-3210.0	1860.6	1.5	51.8	2.3	351.1	170.4	112.8	87.5	126.1
12/31/2000	5844	31	400.5	0.0	0.4	-3197.2	1842.0	1.5	53.3	5.5	357.5	185.5	120.4	93.8	136.8
1/31/2001	5875	31	-2125.7	0.1	6.4	-202.8	1616.9	1.6	45.5	-29.4	236.0	156.8	112.4	68.4	113.7
2/28/2001	5903	28	-1603.9	0.2	7.3	-201.8	1293.1	1.5	26.5	-17.1	205.3	100.0	81.1	40.7	67.3
3/31/2001	5934	31	-1529.6	0.1	4.7	-339.6	1460.9	1.6	11.9	-65.0	218.2	79.2	70.6	35.2	51.8
4/30/2001	5964	30	431.8	0.0	1.1	-2328.1	1441.8	1.5	76.4	-105.1	218.7	83.2	64.6	52.4	44.5
5/31/2001	5995	31	968.1	0.0	0.4	-3118.3	1544.6	1.4	93.4	-70.4	225.4	133.4	83.1	71.1	52.7
6/30/2001	6025	30	872.6	0.0	0.4	-3107.2	1522.9	1.4	95.9	-27.1	219.6	169.1	97.9	76.9	57.4
7/31/2001	6056	31	972.7	0.0	0.3	-3331.2	1596.6	1.5	74.1	-16.3	237.9	181.5	110.5	84.9	87.6
8/31/2001	6087	31	803.2	0.0	0.3	-3318.1	1638.6	1.5	96.6	12.3	252.3	181.2	115.6	91.4	125.2
9/30/2001	6117	30	691.4	0.0	0.3	-3311.0	1695.4	1.5	107.1	24.9	257.2	182.9	118.0	93.5	138.8
10/31/2001	6148	31	256.5	0.0	0.3	-3282.6	2069.7	1.5	116.7	-12.0	273.6	196.2	127.8	99.3	153.1
11/30/2001	6178	30	-2005.3	0.1	2.7	-540.7	1857.8	1.4	64.3	-95.4	243.7	156.9	113.9	72.7	127.9
12/31/2001	6209	31	-1072.0	0.0	0.7	-1098.7	1610.2	1.5	44.5	-90.7	238.8	123.0	95.2	53.3	94.0
1/31/2002	6240	31	-351.5	0.0	1.2	-1713.7	1481.9	1.5	47.2	-67.6	273.2	113.3	85.4	57.0	72.0
2/28/2002	6268	28	623.9	0.0	0.5	-2612.3	1351.4	1.3	63.8	-20.8	280.2	116.5	80.4	60.1	54.8
3/31/2002	6299	31	325.8	0.0	0.5	-2582.6	1509.9	1.5	63.3	-1.4	309.9	147.4	97.4	70.3	58.0
4/30/2002	6329	30	364.8	0.0	0.5	-2586.5	1455.0	1.5	62.0	19.1	305.7	152.1	99.4	70.1	56.2
5/31/2002	6360	31	264.2	0.0	0.5	-2579.4	1492.2	1.6	62.6	34.4	318.6	164.7	107.2	73.9	59.4
6/30/2002	6390	30	321.6	0.0	0.5	-2585.3	1430.8	1.6	62.5	47.3	315.4	165.9	107.3	73.3	59.1
7/31/2002	6421	31	1997.9	0.0	0.9	-4564.2	1601.2	1.7	25.9	95.2	363.1	188.8	120.0	86.2	83.2
8/31/2002	6452	31	1637.9	0.0	0.9	-4531.8	1786.2	1.7	34.7	120.7	376.1	218.2	137.5	100.1	117.8
9/30/2002	6482	30	1443.1	0.0	0.9	-4516.9	1882.3	1.7	44.9	136.7	382.2	236.7	149.3	106.2	132.9
10/31/2002	6513	31	1093.7	0.0	0.9	-4490.7	2083.4	1.8	57.2	150.4	405.4	264.5	168.1	115.6	149.6
11/30/2002	6543	30	-2356.5	0.1	6.9	-592.6	1882.4	1.8	57.4	95.7	305.2	223.7	156.1	88.8	131.0
12/31/2002	6574	31	-1850.1	0.1	5.8	-739.0	1700.2	1.9	39.6	65.8	302.1	173.2	132.2	66.2	101.9
1/31/2003	6605	31	164.0	0.0	0.8	-2879.3	1581.2	1.8	41.8	63.3	550.9	183.4	124.3	81.0	86.6

Flow Budget for the LAS in Oxnard Basin															
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet												
			STORAGE	Mountain Front Recharge	Recharge	Pumping from Wells	Oxnard Basin UAS	Santa Paula	Pleasant Valley	Las Posas	Mound	Coastal Flux north to Channel Islands Horbor	Coastal flux from Channel Islands Harbor to South of Port Hueneme	Costal Flux from South of Port Hueneme to Arnold Road	Costal Flux from Arnold Road to Point Mugu
2/28/2003	6633	28	-1852.2	0.1	7.1	-157.9	1316.8	1.7	2.6	25.4	277.3	151.0	105.2	57.3	65.7
3/31/2003	6664	31	-1442.9	0.1	6.5	-463.1	1282.5	1.9	11.4	1.7	288.9	119.5	93.3	45.8	54.6
4/30/2003	6694	30	362.0	0.0	1.2	-2314.6	1186.6	1.8	-0.1	-3.2	449.1	122.1	85.1	60.1	49.9
5/31/2003	6725	31	-766.3	0.0	1.5	-1137.8	1250.5	1.8	-12.0	-16.5	352.1	129.6	88.4	57.5	51.0
6/30/2003	6755	30	824.4	0.0	0.8	-2916.9	1251.4	1.7	5.3	-0.7	484.5	142.9	88.9	67.4	50.3
7/31/2003	6786	31	1014.6	0.0	0.8	-3060.1	1311.0	1.8	-13.6	51.2	284.0	162.3	100.2	74.8	73.1
8/31/2003	6817	31	920.3	0.0	0.8	-3053.5	1358.0	1.8	-10.7	70.5	264.6	165.3	105.0	78.5	99.4
9/30/2003	6847	30	862.1	0.0	0.8	-3051.3	1367.4	1.8	-4.3	88.0	262.5	171.9	109.2	81.2	110.7
10/31/2003	6878	31	654.7	0.0	0.8	-3035.5	1476.2	1.9	0.6	103.2	275.9	189.9	120.9	87.4	123.9
11/30/2003	6908	30	-651.2	0.0	1.1	-1583.6	1398.6	1.9	21.7	63.2	251.4	178.2	120.1	81.0	117.6
12/31/2003	6939	31	-711.0	0.0	1.6	-1445.3	1343.3	2.0	34.2	59.9	258.6	161.6	115.8	71.6	107.7
1/31/2004	6970	31	253.0	0.0	0.7	-2338.8	1318.7	1.9	-11.5	67.7	256.1	171.8	116.8	75.5	88.0
2/29/2004	6999	29	-1611.1	0.1	8.9	-207.9	1184.1	1.9	0.1	31.4	222.5	147.0	105.8	55.3	62.0
3/31/2004	7030	31	194.6	0.0	0.6	-2026.3	1204.1	1.9	-17.6	36.5	249.6	146.0	102.5	54.9	53.1
4/30/2004	7060	30	623.0	0.0	0.7	-2508.1	1238.5	1.8	-25.2	30.0	246.8	164.7	108.3	69.8	49.7
5/31/2004	7091	31	458.6	0.0	0.7	-2500.6	1306.7	1.9	-14.0	37.1	259.1	189.5	123.9	82.0	55.2
6/30/2004	7121	30	472.8	0.0	0.7	-2507.7	1264.0	1.8	-5.9	52.3	256.8	196.3	127.9	83.7	57.3
7/31/2004	7152	31	2004.8	0.0	0.9	-4590.1	1444.5	1.9	-23.8	121.5	478.0	231.8	146.7	98.3	85.6
8/31/2004	7183	31	1577.4	0.0	0.9	-4554.0	1639.3	1.9	-6.3	151.6	519.4	265.6	167.0	113.5	123.7
9/30/2004	7213	30	1383.2	0.0	0.9	-4541.7	1725.9	1.9	8.4	169.3	531.8	282.5	178.4	119.4	140.1
10/31/2004	7244	31	-2347.2	0.1	7.1	-536.0	1685.3	2.0	59.6	106.5	361.1	255.4	175.4	97.0	133.6
11/30/2004	7274	30	1635.7	0.0	0.9	-4569.8	1611.0	1.9	22.0	155.2	520.0	240.5	161.3	99.3	121.9
12/31/2004	7305	31	-2295.8	0.1	8.4	-406.8	1597.0	2.1	53.1	89.9	353.6	229.4	161.6	86.8	120.6
1/31/2005	7336	31	-2318.4	0.3	16.7	-19.4	1447.9	2.1	59.5	58.2	312.8	167.3	129.4	58.3	85.3
2/28/2005	7364	28	-1787.6	0.2	13.1	-87.5	1261.6	1.8	39.1	-13.8	270.3	114.9	93.7	40.0	54.3
3/31/2005	7395	31	-1174.7	0.1	4.5	-776.2	1367.4	1.9	32.9	-87.0	343.4	109.9	88.3	43.8	45.7
4/30/2005	7425	30	27.8	0.0	1.1	-2188.1	1482.3	1.6	30.7	-136.8	471.2	131.0	86.6	53.5	39.2
5/31/2005	7456	31	661.8	0.0	1.0	-3195.9	1652.7	1.5	23.4	-168.3	609.7	191.7	106.6	72.4	43.5
6/30/2005	7486	30	518.8	0.0	1.0	-3186.8	1720.5	1.4	21.7	-158.6	606.4	226.0	120.9	80.9	47.9
7/31/2005	7517	31	116.4	0.0	0.7	-2875.3	1849.6	1.4	59.9	-161.9	502.9	222.5	130.7	85.0	68.1
8/31/2005	7548	31	166.5	0.0	0.7	-2893.9	1793.0	1.4	82.3	-137.2	480.5	201.0	127.1	87.2	91.4
9/30/2005	7578	30	122.3	0.0	0.7	-2870.6	1798.8	1.3	87.3	-103.0	467.1	189.5	122.0	86.3	98.4
10/31/2005	7609	31	-844.7	0.0	1.2	-1770.3	1865.5	1.4	79.6	-153.4	344.5	172.2	119.5	82.1	102.4
11/30/2005	7639	30	325.7	0.0	0.7	-2911.4	1695.6	1.3	91.1	-102.4	450.8	159.9	110.3	79.9	98.7
12/31/2005	7670	31	215.4	0.0	0.7	-2905.2	1710.4	1.4	90.4	-60.0	462.8	176.2	116.7	85.6	105.6
1/31/2006	7701	31	-1225.9	0.1	4.6	-1164.5	1637.1	1.4	72.5	-67.0	320.3	153.7	108.5	70.7	88.7
2/28/2006	7729	28	-957.2	0.1	5.0	-994.5	1362.9	1.3	55.9	-59.9	286.6	111.8	83.6	48.5	55.9
3/31/2006	7760	31	-1248.5	0.1	6.1	-730.0	1487.0	1.5	45.9	-91.3	267.2	96.9	77.1	42.0	46.2
4/30/2006	7790	30	-1095.9	0.1	5.4	-716.6	1504.2	1.4	35.7	-159.6	229.5	67.6	59.8	34.1	34.3
5/31/2006	7821	31	343.1	0.0	1.9	-2421.3	1573.8	1.3	49.5	-194.7	405.9	89.7	64.9	51.6	34.4
6/30/2006	7851	30	1830.9	0.0	1.6	-4480.1	1601.9	1.2	107.1	-108.0	660.8	162.0	88.6	75.8	41.8
7/31/2006	7882	31	519.0	0.0	0.8	-3205.5	1677.8	1.2	144.4	-87.0	495.5	193.7	108.9	86.5	64.7
8/31/2006	7913	31	499.5	0.0	0.8	-3209.5	1645.5	1.3	160.7	-38.1	475.2	177.4	108.4	89.4	89.3
9/30/2006	7943	30	459.7	0.0	0.8	-3200.4	1643.8	1.3	165.7	-7.7	470.8	171.8	107.0	89.4	97.8
10/31/2006	7974	31	184.0	0.0	0.8	-3164.7	1850.7	1.3	173.9	-19.5	479.2	180.2	113.3	93.5	107.2
11/30/2006	8004	30	306.1	0.0	0.8	-3191.0	1776.5	1.3	174.9	-30.8	473.3	177.9	112.1	91.8	107.0
12/31/2006	8035	31	-671.3	0.0	0.9	-1984.1	1682.1	1.4	145.2	-24.7	381.4	170.6	111.8	82.5	104.3
1/31/2007	8066	31	-1435.6	0.0	3.3	-696.9	1466.2	1.4	89.1	-39.6	256.3	122.8	92.6	59.6	80.7
2/28/2007	8094	28	-212.2	0.0	0.9	-1604.5	1203.8	1.3	67.0	-23.4	313.8	85.5	68.1	46.5	53.2
3/31/2007	8125	31	527.2	0.0	0.7	-2679.4	1335.3	1.5	78.2	-15.8	451.2	107.9	75.7	63.9	53.4
4/30/2007	8155	30	-390.2	0.0	0.5	-1481.5	1266.2	1.5	52.2	-23.9	290.3	103.7	74.5	57.6	49.2
5/31/2007	8186	31	604.8	0.0	0.7	-2691.1	1263.0	1.5	70.4	-0.3	444.3	113.0	77.6	65.6	50.4
6/30/2007	8216	30	569.4	0.0	0.7	-2690.9	1229.6	1.5	80.3	18.3	449.5	131.3	84.1	73.0	53.1
7/31/2007	8247	31	783.2	0.0	0.9	-3084.3	1324.4	1.6	97.8	65.8	431.2	144.4	91.8	77.1	66.1
8/31/2007	8278	31	683.5	0.0	0.9	-3064.4	1356.6	1.7	102.7	81.0	432.1	149.7	94.8	78.8	82.6
9/30/2007	8308	30	624.5	0.0	0.9	-3049.2	1380.6	1.7	103.9	86.2	431.8	153.8	96.7	79.6	89.5
10/31/2007	8339	31	366.3	0.0	0.9	-3008.2	1565.3	1.7	107.7	69.6	441.2	167.2	105.4	84.4	98.6
11/30/2007	8369	30	431.4	0.0	0.9	-3030.4	1541.0	1.7	107.0	53.0	437.6	168.4	106.3	83.9	99.2
12/31/2007	8400	31	-868.1	0.1	3.6	-1439.4	1479.1	1.7	125.2	7.7	253.1	155.5	108.0	75.6	97.8
1/31/2008	8431	31	-1785.6	0.2	13.3	-273.1	1419.3	1.7	89.7	-7.7	198.2	118.4	94.4	53.6	77.7
2/29/2008	8460	29	-885.1	0.0	2.0	-1066.4	1370.5	1.5	97.8	-49.8	270.1	92.5	75.4	39.0	52.5
3/31/2008	8491	31	697.6	0.0	0.9	-3148.3	1565.6	1.5	109.5	-46.8	508.3	120.8	83.8	57.8	49.4
4/30/2008	8521	30	647.5	0.0	0.9	-3157.9	1534.2	1.4	110.3	-15.3	515.0	149.1	94.7	69.6	50.5
5/31/2008	8552	31	535.1	0.0	0.9	-3159.6	1529.8	1.5	119.2	39.5	522.8	171.1	107.6	76.7	55.5
6/30/2008	8582	30	557.0	0.0	0.9	-3168.2	1457.9	1.5	121.8	90.8	517.9	176.0	110.5	77.2	56.6
7/31/2008	8613	31	1124.4	0.0	0.9	-3994.8	1556.4	1.6	119.4	182.6	533.4	193.4	120.3	88.5	74.0
8/31/2008	8644	31	947.9	0.0	0.9	-3975.1	1630.0	1.7	134.3	196.0	538.6	205.4	127.4	96.3	96.7
9/30/2008	8674	30	876.3	0.0	0.9	-3967.0	1654.3	1.7	140.9	209.0	537.2	210.7	131.1	98.6	106.4
10/31/2008	8705	31	440.4	0.0	0.9	-3897.6	1968.6	1.8	151.4	189.8	550.2	228.2	142.9	104.9	118.3
11/30/2008	8735	30	-1752.4	0.0	2.8	-984.8	1769.3	1.7	112.1	29.3	306.5	196.3	132.9	80.7	105.5
12/31/2008	8766	31	-1197.9	0.0	3.3	-1138.5	1485.5	1.7	100.7	13.7	303.0	158.9	117.5	64.5	87.5
1/31/2009	8797	31	7.8	0.0	0.7	-2448.9	1366.5	1.7	128.4	82.6	451.9	152.2	109.4	72.7	75.0

Flow Budget for the LAS in Oxnard Basin															
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet												
			STORAGE	Mountain Front Recharge	Recharge	Pumping from Wells	Oxnard Basin UAS	Santa Paula	Pleasant Valley	Las Posas	Mound	Coastal Flux north to Channel Islands Horbor	Coastal flux from Channel Islands Harbor to South of Port Hueneme	Costal Flux from South of Port Hueneme to Arnold Road	Costal Flux from Arnold Road to Point Mugu
2/28/2009	8825	28	-1584.2	0.1	9.3	-192.9	1159.7	1.6	65.9	11.0	209.8	121.8	91.7	50.9	55.3
3/31/2009	8856	31	299.0	0.0	0.7	-2471.4	1216.6	1.8	106.4	84.3	430.9	125.0	92.3	61.9	52.4
4/30/2009	8886	30	246.2	0.0	0.7	-2466.4	1219.8	1.8	115.6	97.0	430.9	138.0	94.4	70.8	51.2
5/31/2009	8917	31	157.2	0.0	0.7	-2461.2	1254.2	1.9	124.0	106.7	433.7	151.9	101.8	75.4	53.6
6/30/2009	8947	30	216.2	0.0	0.7	-2468.9	1196.8	1.8	126.2	116.9	427.6	153.6	101.6	74.7	52.8
7/31/2009	8978	31	1415.3	0.0	0.9	-3986.5	1318.1	1.9	112.9	188.6	518.7	175.8	111.1	80.2	62.9
8/31/2009	9009	31	1176.0	0.0	0.9	-3964.3	1432.9	2.0	110.9	210.3	538.6	201.7	123.9	87.6	79.6
9/30/2009	9039	30	1067.6	0.0	0.9	-3959.7	1475.7	1.9	113.5	225.3	546.1	215.9	132.4	91.6	88.8
10/31/2009	9070	31	-234.4	0.0	3.5	-2498.2	1506.3	2.0	158.2	127.1	377.6	218.3	144.1	97.4	98.1
11/30/2009	9100	30	953.3	0.0	0.9	-3949.1	1523.9	1.9	149.0	211.4	558.6	213.8	141.6	96.2	98.5
12/31/2009	9131	31	-1819.9	0.1	4.5	-759.6	1526.3	2.0	98.7	92.8	330.7	208.6	142.1	78.5	95.2
1/31/2010	9162	31	-1936.1	0.1	9.7	-167.7	1326.3	2.0	79.3	16.5	265.5	158.7	119.1	54.5	72.3
2/28/2010	9190	28	-1258.7	0.1	5.5	-380.0	1052.2	1.8	58.1	-12.6	244.6	111.1	88.8	39.9	49.2
3/31/2010	9221	31	634.7	0.0	0.7	-2860.5	1135.5	1.9	102.1	75.0	567.3	134.9	95.4	62.7	50.3
4/30/2010	9251	30	-711.8	0.0	1.7	-1195.4	1089.9	1.9	82.6	10.5	382.3	138.7	95.2	57.1	47.3
5/31/2010	9282	31	645.3	0.0	0.7	-2870.3	1101.7	2.0	110.3	88.6	560.2	147.5	97.9	67.6	48.5
6/30/2010	9312	30	551.6	0.0	0.7	-2865.9	1118.8	2.0	121.6	112.0	562.5	163.8	103.6	76.4	52.8
7/31/2010	9343	31	1204.8	0.0	0.9	-3775.2	1292.9	2.1	82.5	184.7	557.6	186.2	115.6	82.7	65.2
8/31/2010	9374	31	991.2	0.0	0.9	-3761.3	1402.1	2.2	87.2	211.7	567.5	203.5	125.4	88.1	81.5
9/30/2010	9404	30	906.6	0.0	0.9	-3761.9	1433.7	2.1	91.8	229.2	570.7	212.7	130.9	90.8	89.9
10/31/2010	9435	31	-1478.8	0.0	2.8	-957.7	1396.7	2.2	96.3	108.3	334.2	199.0	132.2	75.1	89.7
11/30/2010	9465	30	479.7	0.0	0.9	-2936.6	1313.4	2.1	85.8	145.4	467.6	173.1	118.2	71.2	79.1
12/31/2010	9496	31	-1988.5	0.2	14.9	-126.9	1328.2	2.2	82.1	36.6	252.1	154.0	112.2	57.9	75.1
1/31/2011	9527	31	-32.4	0.0	0.6	-2387.2	1397.6	2.0	127.4	50.4	471.2	148.8	102.7	55.8	63.2
2/28/2011	9555	28	-1145.8	0.0	4.2	-725.4	1248.6	1.7	81.7	-63.5	277.0	129.9	90.7	48.6	52.1
3/31/2011	9586	31	-1456.9	0.1	10.1	-243.1	1215.3	1.9	61.4	-106.1	238.5	106.3	84.8	40.7	47.0
4/30/2011	9616	30	1014.2	0.0	0.6	-3178.9	1313.7	1.7	140.9	-45.6	450.4	111.5	80.3	61.1	50.2
5/31/2011	9647	31	664.1	0.0	0.5	-3138.7	1477.7	1.7	170.2	-60.5	484.1	149.3	99.1	83.2	69.3
6/30/2011	9677	30	658.8	0.0	0.6	-3176.6	1421.3	1.6	183.4	-7.5	484.0	162.4	106.7	87.9	77.4
7/31/2011	9708	31	366.7	0.0	0.8	-3114.4	1536.8	1.7	140.4	56.5	543.0	179.0	117.1	88.1	84.5
8/31/2011	9739	31	334.3	0.0	0.8	-3116.8	1551.2	1.7	131.1	70.9	545.8	184.7	120.1	86.9	89.3
9/30/2011	9769	30	360.0	0.0	0.8	-3117.8	1521.2	1.7	128.9	85.4	539.5	184.5	119.2	86.0	90.6
10/31/2011	9800	31	-483.5	0.0	1.8	-2162.5	1624.9	1.8	139.1	21.5	381.1	175.2	121.8	85.2	93.5
11/30/2011	9830	30	-1262.0	0.0	2.1	-1023.5	1480.3	1.7	96.9	-23.7	339.7	141.2	105.3	62.7	79.2
12/31/2011	9861	31	541.6	0.0	0.8	-3071.3	1459.5	1.7	111.1	45.0	523.8	146.8	101.4	65.9	73.8
1/31/2012	9892	31	-886.4	0.0	1.4	-1310.1	1372.9	1.8	110.0	-17.0	357.5	141.1	98.9	60.2	69.5
2/29/2012	9921	29	962.6	0.0	0.6	-3348.8	1296.4	1.7	149.5	50.9	537.3	138.8	90.7	64.6	55.7
3/31/2012	9952	31	-1089.8	0.0	3.4	-989.2	1305.8	1.8	88.7	7.8	312.9	143.5	98.1	62.0	55.0
4/30/2012	9982	30	-629.3	0.0	2.2	-1201.2	1148.2	1.8	77.6	15.5	293.6	109.6	83.8	52.4	45.9
5/31/2012	10013	31	1017.1	0.0	0.6	-3352.2	1256.9	1.9	135.9	70.0	541.0	130.3	87.2	64.6	46.7
6/30/2012	10043	30	849.5	0.0	0.6	-3340.5	1321.5	1.8	143.1	89.4	552.3	161.5	97.2	73.1	50.3
7/31/2012	10074	31	1157.2	0.0	0.9	-3860.5	1466.5	1.9	95.6	170.4	533.7	182.0	110.8	80.1	61.4
8/31/2012	10105	31	984.4	0.0	0.9	-3839.3	1559.6	2.0	99.9	183.3	536.1	193.3	119.5	85.4	75.0
9/30/2012	10135	30	915.6	0.0	0.9	-3837.9	1586.5	1.9	103.9	193.0	538.4	201.8	125.1	88.1	82.7
10/31/2012	10166	31	648.0	0.0	0.9	-3804.3	1741.7	2.0	110.9	197.2	555.6	221.7	138.2	94.7	93.4
11/30/2012	10196	30	-485.4	0.0	1.6	-2251.7	1628.4	2.0	78.8	104.6	401.8	204.1	134.2	87.1	94.4
12/31/2012	10227	31	-1140.4	0.0	3.3	-1306.6	1502.2	2.0	69.8	63.6	327.8	179.9	127.8	75.4	95.0
1/31/2013	10258	31	-713.5	0.0	1.5	-1588.9	1348.5	2.0	74.3	70.2	382.3	159.2	115.4	66.6	82.2
2/28/2013	10286	28	858.8	0.0	0.7	-3172.0	1247.0	1.8	81.7	135.9	453.0	151.7	104.3	72.4	64.7
3/31/2013	10317	31	-363.8	0.0	0.4	-2049.9	1382.0	2.1	88.6	109.1	393.8	173.5	119.0	77.3	68.0
4/30/2013	10347	30	661.2	0.0	0.7	-3151.6	1350.1	2.0	91.4	145.8	466.6	172.4	116.7	80.2	64.6
5/31/2013	10378	31	467.6	0.0	0.7	-3134.0	1443.6	2.1	99.5	157.9	483.1	193.0	127.7	89.2	69.7
6/30/2013	10408	30	474.7	0.0	0.7	-3135.6	1429.3	2.0	101.0	162.1	479.0	197.3	129.6	89.6	70.4
7/31/2013	10439	31	1344.3	0.0	0.5	-4150.8	1538.6	2.1	105.8	162.3	463.6	217.0	141.8	92.3	82.5
8/31/2013	10470	31	1126.2	0.0	0.5	-4130.0	1645.2	2.1	112.9	177.1	479.6	236.2	154.3	98.2	97.6
9/30/2013	10500	30	1030.8	0.0	0.5	-4123.0	1684.8	2.1	116.0	189.0	487.9	246.0	160.9	101.2	103.8
10/31/2013	10531	31	776.8	0.0	0.5	-4103.5	1813.1	2.2	125.5	205.3	512.3	268.8	176.3	108.6	114.1
11/30/2013	10561	30	731.7	0.0	0.5	-4051.2	1802.5	2.1	124.4	201.8	514.3	271.5	178.5	108.6	115.3
12/31/2013	10592	31	569.8	0.0	0.5	-4089.9	1911.3	2.2	131.5	221.5	534.3	290.1	191.3	114.5	122.9
1/31/2014	10623	31	638.5	0.0	0.6	-4303.9	1985.2	2.2	100.9	253.6	583.1	303.1	199.7	119.4	117.5
2/28/2014	10651	28	-2137.9	0.1	5.9	-684.6	1650.0	2.1	80.3	133.6	336.0	257.3	176.5	88.5	92.3
3/31/2014	10682	31	-631.2	0.0	1.1	-2323.0	1650.9	2.3	80.3	158.8	457.7	250.7	176.9	86.6	89.0
4/30/2014	10712	30	1241.9	0.0	0.6	-4353.8	1669.6	2.2	63.3	216.8	554.4	253.6	172.3	97.7	81.4
5/31/2014	10743	31	896.1	0.0	0.6	-4320.0	1858.6	2.3	63.0	241.3	573.9	292.2	193.2	112.5	86.3
6/30/2014	10773	30	842.4	0.0	0.6	-4317.7	1887.8	2.2	62.9	247.8	568.6	303.4	199.3	115.0	87.7
7/31/2014	10804	31	731.7	0.0	1.0	-4353.2	1984.9	2.3	91.8	256.6	516.8	326.6	215.2	121.2	103.8
8/31/2014	10835	31	612.9	0.0	1.0	-4348.5	2042.5	2.3	100.9	258.3	526.7	335.8	221.5	124.3	120.5
9/30/2014	10865	30	635.4	0.0	1.0	-4354.0	2027.2	2.3	99.9	257.7	525.5	333.7	220.1	123.7	124.4
10/31/2014	10896	31	439.0	0.0	1.0	-4340.1	2133.6	2.3	104.7	265.4	544.4	352.1	232.6	129.5	132.9
11/30/2014	10926	30	-13.3	0.0	0.9	-3670.7	2046.5	2.3	108.9	232.1	479.6	335.4	225.7	121.8	129.3
12/31/2014	10957	31	-2827.8	0.1	6.9	-423.6	1897.0	2.4	88.4	136.1	375.9	308.0	216.4	100.3	120.1
1/31/2015	10988	31	-1771.3	0.0	3.0	-1007.7	1581.1	2.4	85.7	101.7	384.0	257.8	186.8	80.4	96.1

Flow Budget for the LAS in Oxnard Basin															
			influx(+) outflux(-); units in Acre-feet												
Date	Stress	days in month	STORAGE	Mountain Front Recharge	Recharge	Pumping from Wells	Oxnard Basin UAS	Santa Paula	Pleasant Valley	Las Posas	Mound	Coastal Flux north to Channel Islands Horbor	Coastal flux from Channel Islands Harbor to South of Port Hueneme	Costal Flux from South of Port Hueneme to Arnold Road	Costal Flux from Arnold Road to Point Mugu
2/28/2015	11016	28	955.0	0.0	0.7	-3636.3	1412.0	2.1	99.9	170.1	452.8	228.8	159.1	79.5	76.2
3/31/2015	11047	31	-118.1	0.0	0.6	-2929.6	1635.9	2.4	105.3	186.3	488.4	274.6	182.9	90.6	80.8
4/30/2015	11077	30	598.6	0.0	0.7	-3611.1	1606.4	2.3	113.1	188.2	475.3	275.8	181.4	91.9	77.4
5/31/2015	11108	31	406.4	0.0	0.7	-3597.1	1704.7	2.4	130.0	195.5	486.6	294.3	193.7	99.9	82.8
6/30/2015	11138	30	435.0	0.0	0.7	-3599.6	1685.2	2.3	131.3	197.5	479.0	292.6	192.6	99.8	83.5
7/31/2015	11169	31	525.2	0.0	1.1	-3819.2	1806.2	2.4	114.9	218.5	435.5	307.8	203.2	105.4	99.0
8/31/2015	11200	31	533.4	0.0	0.8	-3893.4	1862.7	2.4	95.4	214.7	440.9	310.5	206.8	109.6	116.2
9/30/2015	11230	30	520.6	0.0	0.8	-3833.0	1857.6	2.3	85.3	212.2	416.5	302.6	204.0	109.5	121.3
10/31/2015	11261	31	381.1	0.0	0.8	-3883.5	1959.2	2.4	86.5	217.0	457.7	317.8	214.7	115.1	130.9
11/30/2015	11291	30	432.9	0.0	0.8	-3889.4	1932.2	2.4	82.6	215.5	452.3	314.9	211.6	113.3	130.2
12/31/2015	11322	31	271.6	0.0	0.8	-3880.0	2024.6	2.5	84.5	219.4	467.4	330.9	222.4	118.3	137.2

Flow Budget for the Semi-Perched Aquifer in Pleasant Valley

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet									
			STORAGE	TILE DRAINS	ET	RECHARGE	Pumping from Wells	Oxnard Basin	Pleasant Valley UAS	Arroya Las Posas percolation	Conejo Creek Percolation	Calleguas Creek percolation
1/31/1985	31	31	-332.9	-38.6	0.0	407.6	-14.8	-183.1	-695.8	0.0	426.4	431.2
2/28/1985	59	28	-288.7	-34.0	0.0	388.5	-14.3	-165.7	-670.0	0.0	389.7	394.5
3/31/1985	90	31	-193.2	-37.0	0.0	435.6	-17.6	-185.1	-825.0	0.0	409.9	412.4
4/30/1985	120	30	96.4	-35.1	0.0	426.5	-19.9	-180.2	-1013.5	0.0	365.4	360.5
5/31/1985	151	31	225.5	-35.2	0.0	356.5	-22.8	-186.6	-1079.6	0.0	374.3	367.9
6/30/1985	181	30	268.9	-32.9	0.0	375.3	-23.6	-180.6	-1108.5	0.0	355.4	345.9
7/31/1985	212	31	302.2	-32.9	0.0	378.3	-26.5	-185.5	-1176.2	0.0	373.6	367.0
8/31/1985	243	31	358.6	-31.7	0.0	359.4	-28.5	-184.0	-1213.4	0.0	373.2	366.4
9/30/1985	273	30	356.7	-29.7	0.0	370.6	-29.2	-175.8	-1218.0	0.0	365.2	360.2
10/31/1985	304	31	404.4	-29.6	0.0	335.7	-31.4	-179.1	-1260.1	0.0	381.9	378.3
11/30/1985	334	30	-713.0	-29.2	0.0	835.4	-26.7	-174.1	-848.1	0.0	473.1	482.6
12/31/1985	365	31	73.6	-30.4	0.0	473.3	-25.8	-183.0	-1132.1	0.0	410.9	413.6
1/31/1986	396	31	-669.4	-30.8	0.0	677.4	-23.8	-184.0	-791.6	0.0	505.8	516.4
2/28/1986	424	28	-1827.9	-31.0	-0.4	1360.9	-17.3	-175.3	-762.5	251.6	588.7	613.3
3/31/1986	455	31	-1562.3	-42.0	-4.7	1160.2	-15.7	-209.0	-775.8	223.1	606.1	620.0
4/30/1986	485	30	-82.5	-41.0	-2.7	347.2	-17.0	-209.9	-851.9	0.0	425.8	431.9
5/31/1986	516	31	77.0	-39.3	0.0	398.1	-21.3	-218.1	-1015.8	0.0	408.5	410.9
6/30/1986	546	30	204.9	-35.9	0.0	338.2	-23.0	-211.7	-1040.8	0.0	384.0	384.2
7/31/1986	577	31	262.5	-35.0	0.0	430.4	-26.2	-219.7	-1183.7	0.0	386.9	384.8
8/31/1986	608	31	344.7	-33.5	0.0	396.8	-28.2	-219.2	-1224.2	0.0	383.4	380.2
9/30/1986	638	30	222.4	-31.6	0.0	366.0	-26.9	-210.3	-1098.3	0.0	388.8	389.9
10/31/1986	669	31	339.1	-31.9	0.0	391.7	-28.5	-213.9	-1228.0	0.0	386.8	384.7
11/30/1986	699	30	-69.8	-30.4	0.0	404.6	-26.0	-204.5	-953.3	0.0	436.3	443.2
12/31/1986	730	31	317.8	-31.0	0.0	383.8	-27.4	-208.5	-1190.0	0.0	379.7	375.5
1/31/1987	761	31	-37.2	-30.6	0.0	428.4	-26.2	-204.8	-989.6	0.0	427.5	432.4
2/28/1987	789	28	56.5	-27.4	0.0	386.5	-22.2	-184.7	-961.4	0.0	374.8	377.8
3/31/1987	820	31	-89.8	-30.2	0.0	440.8	-23.3	-203.0	-912.1	0.0	407.7	409.9
4/30/1987	850	30	281.5	-28.9	0.0	507.0	-25.4	-195.1	-1279.2	0.0	371.5	368.6
5/31/1987	881	31	429.6	-29.3	0.0	483.9	-31.0	-199.8	-1405.0	0.0	378.2	373.4
6/30/1987	911	30	486.8	-27.7	0.0	505.2	-32.9	-191.4	-1456.6	0.0	361.5	355.0
7/31/1987	942	31	485.0	-28.0	0.0	454.7	-36.0	-194.9	-1421.7	0.0	373.7	367.2
8/31/1987	973	31	519.2	-27.3	0.0	422.8	-37.2	-190.6	-1437.6	0.0	377.8	372.8
9/30/1987	1003	30	545.3	-25.6	0.0	417.2	-37.2	-179.7	-1429.6	0.0	358.7	350.9
10/31/1987	1034	31	96.6	-25.9	0.0	386.8	-36.2	-183.5	-1182.7	0.0	468.2	476.7
11/30/1987	1064	30	-76.7	-25.1	0.0	473.2	-30.7	-176.9	-999.9	0.0	415.6	420.5
12/31/1987	1095	31	-590.5	-26.7	0.0	625.5	-27.8	-182.7	-863.2	0.0	527.0	538.5
1/31/1988	1126	31	-316.6	-27.2	0.0	446.0	-24.9	-186.4	-883.9	0.0	491.6	501.5
2/29/1988	1155	29	-153.4	-25.4	0.0	391.5	-22.3	-175.1	-875.3	0.0	426.5	433.6
3/31/1988	1186	31	170.4	-27.0	0.0	428.3	-26.1	-185.8	-1174.4	0.0	406.3	408.3
4/30/1988	1216	30	-156.3	-26.3	0.0	446.2	-25.0	-178.2	-908.6	0.0	421.3	426.9
5/31/1988	1247	31	191.8	-27.3	0.0	498.9	-26.5	-183.7	-1204.4	0.0	378.0	373.1
6/30/1988	1277	30	273.0	-26.1	0.0	457.1	-28.5	-174.9	-1235.4	0.0	369.2	365.6
7/31/1988	1308	31	336.2	-26.3	0.0	429.2	-31.2	-177.0	-1273.5	0.0	374.4	368.1
8/31/1988	1339	31	408.6	-25.4	0.0	394.3	-32.6	-173.2	-1304.6	0.0	370.5	362.4
9/30/1988	1369	30	387.7	-23.7	0.0	398.3	-32.8	-164.1	-1307.6	0.0	372.4	369.8
10/31/1988	1400	31	416.8	-23.6	0.0	383.9	-35.0	-166.3	-1347.0	0.0	386.7	384.5
11/30/1988	1430	30	246.5	-22.3	0.0	360.9	-32.8	-157.4	-1141.9	0.0	374.5	372.5
12/31/1988	1461	31	-710.4	-24.2	0.0	829.3	-29.6	-162.5	-912.7	0.0	499.9	510.2
1/31/1989	1492	31	169.5	-24.4	0.0	304.2	-28.3	-165.7	-1085.0	0.0	413.3	416.4
2/28/1989	1520	28	-475.7	-22.1	0.0	567.2	-24.3	-150.4	-800.0	0.0	448.1	457.3
3/31/1989	1551	31	7.8	-24.8	0.0	412.9	-26.4	-169.4	-1045.9	0.0	420.8	424.9
4/30/1989	1581	30	170.7	-23.7	0.0	422.0	-27.6	-162.5	-1133.6	0.0	377.9	376.8
5/31/1989	1612	31	226.4	-24.2	0.0	416.9	-30.2	-165.7	-1189.2	0.0	384.5	381.7
6/30/1989	1642	30	292.6	-22.9	0.0	349.7	-30.4	-158.7	-1170.5	0.0	371.6	368.7
7/31/1989	1673	31	398.3	-22.9	0.0	454.7	-32.9	-161.3	-1386.7	0.0	377.9	373.0
8/31/1989	1704	31	409.7	-22.2	0.0	434.9	-34.2	-158.6	-1393.9	0.0	383.6	380.6
9/30/1989	1734	30	392.6	-20.8	0.0	420.4	-34.2	-151.1	-1370.9	0.0	382.2	382.0
10/31/1989	1765	31	403.7	-20.8	0.0	410.7	-36.3	-153.9	-1412.9	0.0	404.0	405.6
11/30/1989	1795	30	422.4	-19.5	0.0	411.3	-35.9	-145.9	-1394.7	0.0	381.4	381.0
12/31/1989	1826	31	439.5	-19.5	0.0	415.4	-37.8	-146.7	-1436.5	0.0	393.0	392.4
1/31/1990	1857	31	13.4	-19.3	0.0	379.9	-35.9	-146.6	-1174.1	0.0	486.6	496.2
2/28/1990	1885	28	-1.9	-17.6	0.0	384.8	-29.8	-133.8	-1000.0	0.0	396.3	401.9
3/31/1990	1916	31	387.8	-19.3	0.0	428.5	-33.9	-144.0	-1367.9	0.0	377.0	371.7
4/30/1990	1946	30	415.2	-18.1	0.0	416.0	-35.3	-134.0	-1375.8	0.0	368.0	364.0
5/31/1990	1977	31	464.8	-18.2	0.0	412.2	-38.1	-134.4	-1422.8	0.0	371.9	364.5
6/30/1990	2007	30	488.9	-17.0	0.0	423.0	-38.0	-127.0	-1425.6	0.0	353.4	342.4

Flow Budget for the Semi-Perched Aquifer in Pleasant Valley												
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet									
			STORAGE	TILE DRAINS	ET	RECHARGE	Pumping from Wells	Oxnard Basin	Pleasant Valley UAS	Arroya Las Posas percolation	Conejo Creek Percolation	Calleguas Creek percolation
7/31/1990	2038	31	580.7	-17.0	0.0	386.7	-39.6	-126.5	-1460.3	0.0	360.0	316.0
8/31/1990	2069	31	534.0	-16.3	0.0	384.6	-39.9	-124.7	-1452.5	0.0	363.6	351.0
9/30/1990	2099	30	530.6	-15.1	0.0	383.9	-39.0	-115.9	-1415.8	0.0	350.0	321.3
10/31/1990	2130	31	492.1	-14.8	0.0	390.4	-40.7	-111.7	-1446.1	0.0	369.7	361.1
11/30/1990	2160	30	384.5	-13.6	0.0	308.2	-39.4	-103.7	-1295.1	0.0	379.9	379.2
12/31/1990	2191	31	440.5	-13.3	0.0	383.1	-41.0	-104.0	-1426.9	0.0	382.5	379.1
1/31/1991	2222	31	267.4	-12.7	0.0	369.9	-39.6	-102.0	-1274.4	0.0	395.7	395.6
2/28/1991	2250	28	-65.6	-11.3	0.0	378.9	-33.2	-93.5	-1022.3	0.0	419.7	427.2
3/31/1991	2281	31	-1885.5	-15.7	0.0	1520.8	-31.7	-111.8	-1110.4	278.7	664.2	691.4
4/30/1991	2311	30	243.8	-16.5	0.0	452.4	-30.1	-114.9	-1302.1	0.0	383.7	383.8
5/31/1991	2342	31	406.4	-15.9	0.0	421.1	-34.1	-112.8	-1386.1	0.0	366.1	355.3
6/30/1991	2372	30	436.2	-14.7	0.0	400.5	-34.4	-107.9	-1373.5	0.0	352.6	341.1
7/31/1991	2403	31	453.7	-14.4	0.0	363.9	-36.5	-104.1	-1292.0	0.0	355.6	273.7
8/31/1991	2434	31	477.5	-13.6	0.0	367.2	-37.1	-92.9	-1308.1	0.0	353.5	253.7
9/30/1991	2464	30	372.4	-12.3	0.0	360.9	-36.8	-87.4	-1284.3	0.0	351.4	336.1
10/31/1991	2495	31	354.7	-11.8	0.0	365.6	-38.8	-87.0	-1323.3	0.0	373.6	367.0
11/30/1991	2525	30	445.9	-10.5	0.0	377.8	-37.9	-79.4	-1299.7	0.0	343.7	260.1
12/31/1991	2556	31	-1019.5	-12.3	0.0	1004.9	-35.4	-81.4	-1009.6	39.6	550.7	563.0
1/31/1992	2587	31	-333.3	-13.3	0.0	406.0	-30.5	-91.8	-919.8	0.0	486.5	496.2
2/29/1992	2616	29	-3151.6	-16.0	0.0	1840.6	-26.2	-108.7	-1089.5	466.0	951.9	1133.5
3/31/1992	2647	31	-1762.9	-21.0	0.0	1168.3	-24.4	-148.1	-1110.6	355.9	729.5	813.2
4/30/1992	2677	30	32.1	-20.5	0.0	336.3	-23.8	-145.4	-1063.6	0.0	438.8	446.0
5/31/1992	2708	31	121.0	-20.6	0.0	348.4	-26.0	-141.9	-1123.0	0.0	419.1	423.0
6/30/1992	2738	30	145.0	-19.9	0.0	333.9	-25.7	-133.1	-1096.5	0.0	396.9	399.4
7/31/1992	2769	31	187.2	-20.2	0.0	392.7	-28.3	-134.1	-1158.8	0.0	382.5	379.1
8/31/1992	2800	31	254.8	-19.6	0.0	336.6	-30.0	-130.5	-1172.9	0.0	382.5	379.1
9/30/1992	2830	30	264.8	-18.2	0.0	327.7	-30.1	-123.3	-1158.6	0.0	370.5	367.3
10/31/1992	2861	31	89.8	-18.5	0.0	415.8	-31.0	-125.7	-1150.1	0.0	408.6	411.0
11/30/1992	2891	30	182.4	-17.7	0.0	417.6	-30.3	-119.9	-1183.7	0.0	376.6	375.0
12/31/1992	2922	31	-979.2	-19.6	0.0	953.0	-28.4	-125.8	-1078.0	186.2	539.9	551.9
1/31/1993	2953	31	-3137.8	-24.2	-0.5	1918.5	-24.2	-152.9	-1121.1	443.9	977.1	1121.2
2/28/1993	2981	28	-2341.3	-32.5	-7.3	1292.5	-19.3	-176.3	-1046.3	442.6	855.9	1031.9
3/31/1993	3012	31	-771.3	-34.1	-6.9	560.5	-19.3	-209.1	-1055.8	305.5	591.3	639.3
4/30/1993	3042	30	31.8	-28.2	-0.5	272.5	-19.6	-198.4	-956.6	0.0	445.6	453.3
5/31/1993	3073	31	32.2	-28.5	0.0	401.2	-21.5	-198.8	-1039.1	0.0	425.0	429.6
6/30/1993	3103	30	51.0	-27.8	0.0	399.2	-21.4	-187.7	-1004.7	0.0	394.6	396.8
7/31/1993	3134	31	91.0	-28.3	0.0	285.8	-22.3	-190.3	-935.5	0.0	399.5	400.2
8/31/1993	3165	31	33.0	-28.0	0.0	387.4	-22.9	-187.4	-971.9	0.0	394.9	394.7
9/30/1993	3195	30	42.7	-26.8	0.0	371.0	-22.6	-178.5	-938.9	0.0	377.2	375.9
10/31/1993	3226	31	-24.2	-27.4	0.0	393.2	-23.8	-182.6	-971.3	0.0	416.3	419.8
11/30/1993	3256	30	-38.1	-26.1	0.0	323.9	-22.7	-176.3	-882.2	0.0	408.6	412.8
12/31/1993	3287	31	-239.9	-26.6	0.0	340.7	-21.8	-182.7	-788.4	0.0	455.6	463.2
1/31/1994	3318	31	-30.1	-26.4	0.0	342.0	-21.1	-182.3	-900.7	0.0	408.2	410.5
2/28/1994	3346	28	-1143.1	-25.1	0.0	898.2	-17.3	-166.4	-773.7	240.3	484.7	502.4
3/31/1994	3377	31	-659.3	-28.9	0.0	560.6	-16.3	-192.6	-741.8	131.3	469.2	477.8
4/30/1994	3407	30	-58.2	-27.6	0.0	302.5	-16.1	-188.4	-785.4	0.0	386.3	387.0
5/31/1994	3438	31	-15.1	-28.1	0.0	330.1	-18.0	-193.3	-844.2	0.0	385.5	383.0
6/30/1994	3468	30	53.8	-26.9	0.0	291.3	-18.1	-186.0	-843.2	0.0	366.7	362.3
7/31/1994	3499	31	134.6	-27.2	0.0	327.5	-20.4	-191.8	-968.5	0.0	375.8	370.0
8/31/1994	3530	31	182.2	-26.5	0.0	339.3	-22.2	-191.6	-1021.6	0.0	373.5	366.8
9/30/1994	3560	30	121.5	-25.3	0.0	385.4	-22.9	-185.5	-1042.5	0.0	384.5	384.8
10/31/1994	3591	31	131.7	-26.0	0.0	434.6	-24.6	-192.0	-1100.4	0.0	389.1	387.6
11/30/1994	3621	30	16.9	-25.1	0.0	376.6	-23.3	-185.0	-931.4	0.0	385.4	385.9
12/31/1994	3652	31	-9.6	-25.9	0.0	364.2	-22.6	-191.0	-931.8	0.0	407.2	409.3
1/31/1995	3683	31	-4186.6	-51.9	-9.7	2656.8	-19.2	-214.9	-863.2	487.1	1008.9	1192.6
2/28/1995	3711	28	-211.4	-55.5	-9.6	281.2	-13.8	-216.5	-657.1	0.0	437.1	445.7
3/31/1995	3742	31	-2357.6	-72.7	-20.6	1473.5	-14.2	-249.8	-806.7	427.1	731.8	889.2
4/30/1995	3772	30	-168.1	-70.5	-20.0	315.2	-12.5	-255.3	-749.6	0.0	475.6	485.2
5/31/1995	3803	31	-32.6	-60.2	-16.4	362.4	-14.1	-266.1	-886.2	0.0	453.0	460.3
6/30/1995	3833	30	43.7	-51.3	-12.7	316.8	-14.1	-259.5	-870.2	0.0	420.9	426.5
7/31/1995	3864	31	11.0	-47.9	-10.3	349.2	-14.6	-267.8	-827.6	0.0	403.3	404.8
8/31/1995	3895	31	11.3	-45.0	-7.9	372.5	-14.8	-265.7	-835.7	0.0	392.9	392.2
9/30/1995	3925	30	-1.0	-42.6	-5.5	360.1	-14.6	-254.5	-815.5	0.0	386.5	387.1
10/31/1995	3956	31	-9.2	-43.5	-4.6	352.2	-15.3	-260.4	-821.3	0.0	400.5	401.4
11/30/1995	3986	30	7.5	-41.6	-3.1	310.0	-14.9	-249.4	-784.0	0.0	387.3	388.2
12/31/1995	4017	31	-496.9	-45.6	-4.0	427.1	-14.3	-257.3	-580.2	0.0	480.9	490.2

Flow Budget for the Semi-Perched Aquifer in Pleasant Valley												
Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet									
			STORAGE	TILE DRAINS	ET	RECHARGE	Pumping from Wells	Oxnard Basin	Pleasant Valley UAS	Arroya Las Posas percolation	Conejo Creek Percolation	Calleguas Creek percolation
1/31/1996	4048	31	-222.0	-47.8	-5.2	299.2	-13.3	-258.5	-674.9	0.0	457.4	465.1
2/29/1996	4077	29	-1574.6	-56.6	-8.5	1139.2	-10.8	-244.1	-577.1	263.5	520.5	548.6
3/31/1996	4108	31	-358.0	-65.5	-12.9	349.0	-9.9	-266.3	-615.6	72.3	449.9	457.1
4/30/1996	4138	30	-72.2	-58.5	-12.2	342.4	-10.7	-259.5	-729.3	0.0	398.5	401.3
5/31/1996	4169	31	18.4	-56.3	-12.0	360.1	-12.3	-268.8	-807.5	0.0	389.9	388.6
6/30/1996	4199	30	95.0	-51.5	-10.4	320.6	-13.0	-260.9	-825.7	0.0	374.0	371.8
7/31/1996	4230	31	181.2	-50.8	-9.4	376.2	-15.6	-270.3	-944.4	0.0	370.6	362.5
8/31/1996	4261	31	229.3	-50.2	-9.1	357.1	-17.8	-272.1	-1017.9	0.0	391.0	389.9
9/30/1996	4291	30	253.3	-48.7	-7.2	400.9	-18.8	-264.9	-1060.3	0.0	374.0	371.8
10/31/1996	4322	31	25.9	-52.8	-7.7	442.9	-19.4	-275.3	-974.8	0.0	428.2	433.2
11/30/1996	4352	30	-454.7	-57.5	-7.3	609.4	-16.4	-268.7	-724.8	0.0	455.8	464.2
12/31/1996	4383	31	-1635.1	-79.0	-10.2	1237.6	-13.5	-283.9	-745.4	298.7	594.3	636.5
1/31/1997	4414	31	-1510.6	-99.5	-14.7	1071.2	-10.3	-294.2	-609.7	286.8	573.7	607.3
2/28/1997	4442	28	-19.5	-90.4	-12.9	315.2	-10.2	-270.9	-685.0	0.0	384.7	389.0
3/31/1997	4473	31	97.9	-90.8	-16.4	370.3	-14.0	-300.3	-837.1	0.0	395.3	395.2
4/30/1997	4503	30	148.4	-81.2	-16.4	364.6	-14.9	-291.6	-854.3	0.0	373.8	371.5
5/31/1997	4534	31	236.5	-77.1	-16.9	335.9	-16.2	-301.9	-899.7	0.0	373.1	366.3
6/30/1997	4564	30	265.4	-68.9	-15.0	307.3	-16.3	-292.1	-904.9	0.0	364.8	359.7
7/31/1997	4595	31	334.9	-67.5	-15.2	337.0	-18.2	-302.1	-1047.2	0.0	389.8	388.5
8/31/1997	4626	31	315.0	-65.6	-14.4	398.4	-19.5	-302.3	-1098.7	0.0	393.8	393.4
9/30/1997	4656	30	315.9	-62.9	-11.3	417.8	-20.0	-291.9	-1110.1	0.0	381.4	381.1
10/31/1997	4687	31	312.4	-65.1	-10.1	434.9	-21.7	-300.2	-1160.6	0.0	404.4	406.0
11/30/1997	4717	30	-283.8	-68.0	-9.1	520.2	-19.2	-290.9	-863.5	54.3	475.2	484.8
12/31/1997	4748	31	-1781.7	-94.0	-12.7	1383.4	-15.8	-307.5	-835.4	328.3	634.9	700.5
1/31/1998	4779	31	-636.1	-107.5	-15.5	603.1	-12.6	-316.3	-858.8	278.1	518.8	546.7
2/28/1998	4807	28	-5371.8	-197.4	-45.9	3561.1	-9.7	-316.0	-537.8	574.4	1036.1	1307.1
3/31/1998	4838	31	-735.2	-257.3	-124.5	644.6	-6.8	-365.3	-720.0	324.3	576.1	664.1
4/30/1998	4868	30	-143.6	-209.7	-110.2	373.4	-7.4	-357.5	-833.5	252.7	505.9	530.0
5/31/1998	4899	31	-338.7	-192.7	-102.1	508.0	-7.0	-373.8	-794.1	277.3	497.9	525.2
6/30/1998	4929	30	197.8	-170.0	-72.8	390.7	-7.8	-364.0	-917.9	78.3	429.7	436.1
7/31/1998	4960	31	204.6	-160.2	-51.5	343.0	-9.5	-376.2	-808.8	0.0	426.8	431.7
8/31/1998	4991	31	181.4	-150.1	-36.4	389.2	-10.2	-374.3	-831.3	0.0	414.2	417.4
9/30/1998	5021	30	198.2	-139.5	-25.9	344.4	-10.5	-360.3	-818.9	0.0	404.4	408.0
10/31/1998	5052	31	227.5	-138.9	-22.0	340.8	-11.3	-369.7	-846.4	0.0	408.8	411.2
11/30/1998	5082	30	96.5	-131.6	-15.9	353.0	-10.9	-355.6	-778.5	0.0	418.8	424.1
12/31/1998	5113	31	122.6	-133.9	-13.5	293.3	-10.7	-364.9	-771.3	0.0	436.3	442.1
1/31/1999	5144	31	-231.4	-133.9	-15.5	455.1	-9.4	-362.3	-648.4	43.9	447.5	454.4
2/28/1999	5172	28	138.3	-121.6	-15.4	328.2	-9.2	-327.1	-809.5	0.0	405.0	411.3
3/31/1999	5203	31	-543.8	-139.5	-24.8	643.9	-9.4	-361.4	-691.2	167.3	475.0	483.9
4/30/1999	5233	30	-326.9	-137.5	-28.3	461.2	-6.8	-349.7	-721.2	246.4	427.1	435.8
5/31/1999	5264	31	138.4	-137.5	-30.9	399.2	-8.0	-362.2	-803.7	0.0	401.7	402.9
6/30/1999	5294	30	251.0	-127.7	-28.3	376.1	-9.7	-352.0	-871.4	0.0	381.1	380.7
7/31/1999	5325	31	314.8	-127.3	-27.9	369.3	-11.9	-362.6	-909.4	0.0	379.7	375.4
8/31/1999	5356	31	380.9	-122.8	-25.8	361.6	-13.8	-360.4	-979.6	0.0	381.8	378.2
9/30/1999	5386	30	323.9	-117.2	-20.5	430.3	-15.1	-347.5	-1020.1	0.0	383.0	383.0
10/31/1999	5417	31	358.7	-120.6	-17.9	478.9	-16.9	-357.4	-1094.9	0.0	386.3	384.0
11/30/1999	5447	30	309.9	-114.1	-13.3	333.0	-16.5	-344.4	-964.4	0.0	403.1	406.5
12/31/1999	5478	31	418.3	-114.1	-10.9	359.3	-17.5	-353.5	-1070.2	0.0	394.4	394.1
1/31/2000	5509	31	93.7	-110.0	-12.5	359.1	-15.9	-351.4	-800.6	0.0	417.0	420.6
2/29/2000	5538	29	-1286.8	-120.3	-16.5	1110.8	-11.4	-331.7	-682.8	288.4	499.9	550.3
3/31/2000	5569	31	-240.3	-138.4	-25.3	434.0	-9.6	-359.1	-725.4	136.7	459.7	467.6
4/30/2000	5599	30	-369.0	-131.4	-28.5	503.6	-8.5	-349.6	-718.5	160.2	466.3	475.4
5/31/2000	5630	31	105.0	-132.8	-31.0	405.1	-9.7	-363.2	-795.9	0.0	409.9	412.5
6/30/2000	5660	30	261.0	-122.2	-27.9	333.0	-11.7	-352.1	-855.2	0.0	387.2	388.0
7/31/2000	5691	31	429.8	-118.1	-27.3	306.3	-14.0	-363.8	-989.4	0.0	389.0	387.4
8/31/2000	5722	31	477.1	-109.6	-24.6	296.0	-15.0	-362.3	-1018.9	0.0	380.6	376.7
9/30/2000	5752	30	407.9	-101.5	-18.6	375.1	-15.4	-348.5	-1025.7	0.0	365.7	361.0
10/31/2000	5783	31	305.8	-104.2	-16.8	395.7	-16.2	-357.8	-1007.2	0.0	400.0	400.8
11/30/2000	5813	30	327.7	-100.7	-12.1	417.0	-16.1	-343.5	-1027.0	0.0	378.0	376.8
12/31/2000	5844	31	382.2	-103.1	-10.3	339.5	-17.4	-351.6	-1048.4	0.0	403.7	405.2
1/31/2001	5875	31	-1102.3	-118.3	-15.1	1015.8	-14.6	-353.2	-812.4	297.2	529.6	573.2
2/28/2001	5903	28	-1623.6	-138.8	-18.8	1257.4	-9.7	-327.4	-648.4	329.1	542.0	638.1
3/31/2001	5934	31	-1534.4	-187.3	-43.0	1018.2	-8.5	-375.0	-640.7	347.1	671.7	752.0
4/30/2001	5964	30	-12.6	-182.3	-54.3	423.2	-8.5	-367.0	-809.4	124.9	439.3	446.6
5/31/2001	5995	31	181.9	-168.6	-41.6	413.7	-10.5	-377.7	-839.5	0.0	419.2	423.1
6/30/2001	6025	30	279.1	-150.3	-33.2	362.1	-11.3	-366.3	-863.2	0.0	390.8	392.3

Flow Budget for the Semi-Perched Aquifer in Pleasant Valley

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet									
			STORAGE	TILE DRAINS	ET	RECHARGE	Pumping from Wells	Oxnard Basin	Pleasant Valley UAS	Arroya Las Posas percolation	Conejo Creek Percolation	Calleguas Creek percolation
7/31/2001	6056	31	431.7	-144.1	-32.7	421.4	-12.2	-379.6	-1090.7	0.0	402.4	403.7
8/31/2001	6087	31	507.7	-133.9	-29.5	378.7	-12.9	-379.5	-1114.4	0.0	392.3	391.6
9/30/2001	6117	30	426.4	-124.2	-22.5	458.2	-13.4	-365.8	-1121.2	0.0	381.4	381.1
10/31/2001	6148	31	426.6	-125.9	-19.7	457.2	-14.6	-375.7	-1152.4	0.0	401.7	402.9
11/30/2001	6178	30	-315.4	-125.9	-15.4	614.3	-12.7	-360.8	-827.9	157.6	439.5	446.8
12/31/2001	6209	31	-25.3	-132.0	-13.3	390.9	-10.9	-369.9	-712.3	11.5	428.1	433.1
1/31/2002	6240	31	32.0	-128.2	-14.7	340.2	-10.2	-366.5	-740.7	28.4	427.4	432.3
2/28/2002	6268	28	168.0	-113.4	-14.1	395.2	-9.7	-328.8	-837.3	0.0	369.0	371.1
3/31/2002	6299	31	206.1	-122.9	-20.9	429.2	-11.5	-362.4	-923.1	0.0	402.1	403.3
4/30/2002	6329	30	352.6	-112.0	-21.9	332.1	-11.3	-349.5	-912.6	0.0	364.0	358.6
5/31/2002	6360	31	398.2	-106.2	-23.5	316.1	-11.9	-359.6	-946.2	0.0	370.6	362.5
6/30/2002	6390	30	579.9	-90.9	-17.7	306.6	-11.5	-344.7	-939.8	0.0	335.1	183.1
7/31/2002	6421	31	375.6	-82.7	-13.7	369.6	-13.8	-347.8	-923.5	0.0	356.3	279.9
8/31/2002	6452	31	493.8	-75.5	-10.7	380.8	-16.5	-342.6	-1018.0	0.0	351.7	237.0
9/30/2002	6482	30	612.5	-67.4	-6.7	427.8	-17.9	-325.7	-1058.6	0.0	326.1	109.8
10/31/2002	6513	31	626.7	-64.7	-4.3	408.9	-19.9	-328.7	-1112.9	0.0	341.9	153.0
11/30/2002	6543	30	-781.6	-70.4	-7.0	933.3	-17.2	-314.5	-933.3	254.6	460.2	476.1
12/31/2002	6574	31	-482.8	-87.5	-9.2	582.4	-14.4	-330.6	-875.5	272.0	461.2	484.2
1/31/2003	6605	31	174.1	-87.3	-9.8	333.8	-13.1	-332.2	-815.6	0.0	377.6	372.5
2/28/2003	6633	28	-1472.1	-96.2	-14.5	1158.5	-10.7	-306.1	-686.4	313.7	515.6	598.1
3/31/2003	6664	31	-669.5	-122.2	-24.8	642.6	-9.2	-349.6	-730.6	268.4	487.2	507.6
4/30/2003	6694	30	-18.8	-113.3	-25.7	318.3	-8.8	-342.7	-754.8	104.9	417.8	423.0
5/31/2003	6725	31	-143.7	-110.1	-27.7	397.4	-8.9	-356.5	-576.5	0.0	411.6	414.4
6/30/2003	6755	30	346.4	-95.5	-20.4	283.5	-8.2	-343.9	-671.7	0.0	334.2	175.7
7/31/2003	6786	31	412.7	-85.8	-14.9	378.2	-10.4	-348.1	-835.6	0.0	342.9	161.1
8/31/2003	6817	31	553.9	-76.1	-10.7	342.7	-12.2	-342.0	-897.6	0.0	335.9	106.0
9/30/2003	6847	30	530.6	-66.1	-6.3	363.3	-13.1	-325.0	-914.9	0.0	325.6	106.0
10/31/2003	6878	31	641.5	-63.0	-4.0	377.5	-14.6	-329.0	-968.9	0.0	325.7	34.8
11/30/2003	6908	30	282.4	-55.5	-2.0	348.2	-13.3	-310.8	-780.0	0.0	336.4	194.6
12/31/2003	6939	31	-5.3	-55.4	-3.2	379.8	-12.8	-316.7	-787.5	36.9	383.6	380.6
1/31/2004	6970	31	85.8	-60.2	-5.6	311.9	-13.7	-319.4	-748.3	0.0	377.3	372.2
2/29/2004	6999	29	-1106.3	-73.5	-10.2	934.8	-11.6	-304.8	-679.1	284.4	458.3	507.8
3/31/2004	7030	31	34.3	-86.6	-15.6	326.7	-11.7	-332.8	-675.9	0.0	382.5	379.1
4/30/2004	7060	30	290.1	-74.7	-12.6	299.6	-12.4	-322.4	-713.6	0.0	337.9	208.0
5/31/2004	7091	31	550.6	-65.2	-9.4	290.0	-13.2	-328.8	-766.6	0.0	323.2	19.3
6/30/2004	7121	30	344.4	-55.0	-5.7	259.2	-13.2	-313.7	-756.9	0.0	337.4	203.5
7/31/2004	7152	31	512.5	-51.8	-3.2	362.4	-15.2	-319.3	-980.6	0.0	341.9	153.2
8/31/2004	7183	31	624.4	-48.7	-0.8	362.2	-17.4	-313.9	-1050.7	0.0	336.3	108.6
9/30/2004	7213	30	617.3	-44.3	0.0	363.5	-18.7	-297.4	-1071.1	0.0	327.8	123.0
10/31/2004	7244	31	-1102.6	-54.5	-7.1	1059.5	-17.7	-307.9	-933.8	307.5	500.4	556.2
11/30/2004	7274	30	209.4	-61.7	-7.1	413.1	-17.2	-305.4	-987.5	0.0	378.7	377.7
12/31/2004	7305	31	-1549.5	-85.3	-11.2	1260.4	-17.4	-325.5	-901.4	359.6	583.4	686.8
1/31/2005	7336	31	-2914.9	-144.3	-27.8	1811.9	-14.2	-355.7	-825.4	534.3	836.1	1100.0
2/28/2005	7364	28	-2697.0	-214.2	-85.5	1691.5	-10.8	-354.6	-683.4	539.2	751.3	1063.4
3/31/2005	7395	31	-307.8	-235.5	-153.2	436.0	-9.5	-395.9	-769.8	306.3	515.7	613.7
4/30/2005	7425	30	116.0	-187.1	-125.6	339.1	-9.3	-380.6	-811.9	198.0	422.7	438.7
5/31/2005	7456	31	189.7	-167.2	-93.7	308.3	-10.1	-392.2	-793.4	115.5	419.6	423.6
6/30/2005	7486	30	207.4	-145.0	-60.8	305.2	-10.3	-379.3	-683.0	0.0	382.9	382.9
7/31/2005	7517	31	187.1	-138.8	-45.4	320.3	-10.7	-390.3	-710.1	0.0	394.1	393.7
8/31/2005	7548	31	357.6	-124.9	-27.4	365.6	-10.5	-384.6	-698.8	0.0	344.9	178.0
9/30/2005	7578	30	482.3	-105.3	-15.6	357.7	-10.1	-361.5	-665.0	0.0	310.8	6.6
10/31/2005	7609	31	-122.2	-104.8	-15.5	362.3	-10.4	-367.3	-624.7	49.7	414.8	418.1
11/30/2005	7639	30	62.9	-101.5	-11.7	315.2	-9.9	-354.7	-596.9	0.0	353.6	342.9
12/31/2005	7670	31	189.9	-98.8	-8.3	282.2	-10.3	-362.3	-608.8	0.0	354.4	262.1
1/31/2006	7701	31	-654.4	-104.1	-11.8	539.2	-9.6	-360.7	-607.5	256.8	470.0	482.1
2/28/2006	7729	28	-781.2	-111.0	-14.4	684.1	-7.3	-331.5	-511.8	234.1	413.6	425.4
3/31/2006	7760	31	-886.3	-139.1	-27.9	693.6	-6.6	-371.8	-492.3	266.7	472.4	491.2
4/30/2006	7790	30	-903.2	-146.6	-45.6	654.0	-5.2	-366.4	-430.1	261.6	480.1	501.3
5/31/2006	7821	31	-272.6	-153.7	-53.0	342.3	-4.9	-383.3	-335.3	0.0	427.8	432.7
6/30/2006	7851	30	345.4	-138.2	-32.0	307.8	-5.6	-370.2	-473.5	0.0	317.5	48.8
7/31/2006	7882	31	361.9	-127.6	-21.9	343.6	-7.0	-376.8	-519.9	0.0	323.9	23.7
8/31/2006	7913	31	252.9	-115.4	-17.7	365.9	-7.6	-371.7	-540.3	0.0	335.0	98.9
9/30/2006	7943	30	251.2	-102.9	-12.1	337.8	-7.8	-355.1	-542.5	0.0	325.5	105.9
10/31/2006	7974	31	246.1	-98.0	-9.4	330.7	-8.5	-362.1	-564.4	0.0	338.7	126.9
11/30/2006	8004	30	311.3	-88.0	-6.1	323.4	-8.5	-346.0	-561.3	0.0	318.7	56.4
12/31/2006	8035	31	-138.9	-90.4	-6.7	320.5	-8.7	-356.0	-485.8	0.0	384.4	381.6

Flow Budget for the Semi-Perched Aquifer in Pleasant Valley

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet									
			STORAGE	TILE DRAINS	ET	RECHARGE	Pumping from Wells	Oxnard Basin	Pleasant Valley UAS	Arroya Las Posas percolation	Conejo Creek Percolation	Calleguas Creek percolation
1/31/2007	8066	31	-448.7	-99.9	-9.9	549.8	-7.6	-360.8	-397.4	0.0	388.2	386.4
2/28/2007	8094	28	-135.2	-98.7	-11.6	269.8	-6.6	-330.8	-455.5	17.1	374.3	377.2
3/31/2007	8125	31	73.0	-109.6	-15.7	352.1	-7.9	-369.5	-568.6	0.0	357.2	288.9
4/30/2007	8155	30	85.9	-103.0	-17.0	273.5	-7.9	-361.4	-543.7	0.0	350.2	323.4
5/31/2007	8186	31	351.7	-101.4	-17.4	302.4	-8.2	-373.4	-607.1	0.0	337.3	116.1
6/30/2007	8216	30	424.7	-89.6	-13.6	249.9	-8.5	-357.6	-630.8	0.0	324.8	100.5
7/31/2007	8247	31	430.2	-83.8	-11.8	283.4	-9.9	-365.4	-695.5	0.0	337.2	115.6
8/31/2007	8278	31	416.4	-77.0	-9.7	331.6	-10.9	-360.6	-737.8	0.0	336.6	111.3
9/30/2007	8308	30	253.5	-71.6	-7.0	428.3	-11.4	-344.3	-763.4	0.0	334.8	181.1
10/31/2007	8339	31	249.4	-71.5	-5.9	385.3	-12.5	-351.6	-800.0	0.0	353.4	253.3
11/30/2007	8369	30	343.9	-66.8	-4.2	337.3	-12.7	-337.6	-787.9	0.0	336.1	191.8
12/31/2007	8400	31	-67.4	-72.9	-5.3	400.2	-12.6	-347.5	-647.4	0.0	378.8	374.2
1/31/2008	8431	31	-2059.4	-111.1	-15.7	1295.3	-10.5	-366.6	-581.1	383.0	674.6	791.4
2/29/2008	8460	29	-462.2	-128.6	-17.9	483.5	-7.6	-358.4	-528.2	121.3	444.9	453.3
3/31/2008	8491	31	199.2	-130.4	-22.2	247.3	-8.7	-383.0	-633.0	0.0	369.7	361.2
4/30/2008	8521	30	176.9	-117.7	-22.1	330.6	-9.4	-374.9	-658.0	0.0	350.3	324.2
5/31/2008	8552	31	448.9	-111.6	-20.9	376.4	-9.9	-384.2	-687.7	0.0	329.5	59.5
6/30/2008	8582	30	313.0	-96.9	-16.3	356.1	-9.7	-365.6	-686.9	0.0	333.8	172.5
7/31/2008	8613	31	395.0	-91.7	-14.3	358.2	-11.4	-372.4	-776.1	0.0	343.9	169.0
8/31/2008	8644	31	493.6	-83.5	-11.7	313.7	-13.0	-367.1	-824.0	0.0	341.6	150.5
9/30/2008	8674	30	425.7	-75.4	-8.1	412.3	-13.9	-350.0	-854.5	0.0	329.2	134.6
10/31/2008	8705	31	339.5	-74.9	-6.6	459.5	-15.4	-356.4	-911.4	0.0	349.4	216.3
11/30/2008	8735	30	-109.9	-76.6	-7.2	476.9	-14.0	-342.3	-699.1	0.0	385.8	386.4
12/31/2008	8766	31	-285.5	-89.4	-9.2	435.4	-12.5	-359.3	-589.9	0.0	451.5	458.8
1/31/2009	8797	31	64.4	-92.6	-10.8	270.6	-11.3	-362.3	-608.7	0.0	377.8	372.9
2/28/2009	8825	28	-1327.7	-102.8	-15.0	952.3	-8.8	-332.5	-494.7	269.3	510.6	549.3
3/31/2009	8856	31	-2.8	-123.7	-22.5	262.7	-8.4	-374.6	-509.7	0.0	390.2	388.9
4/30/2009	8886	30	286.3	-107.8	-19.5	340.6	-8.3	-361.3	-537.8	0.0	322.8	85.2
5/31/2009	8917	31	-31.5	-104.5	-22.5	305.4	-8.8	-371.7	-564.2	0.0	398.6	399.2
6/30/2009	8947	30	464.5	-94.4	-18.8	248.3	-8.3	-361.5	-550.4	0.0	311.2	9.3
7/31/2009	8978	31	130.3	-93.0	-19.5	341.6	-10.3	-370.2	-739.5	0.0	382.1	378.6
8/31/2009	9009	31	260.7	-94.3	-20.8	310.0	-12.7	-373.0	-827.1	0.0	380.6	376.6
9/30/2009	9039	30	318.3	-91.6	-17.0	290.5	-13.9	-362.3	-859.6	0.0	369.6	366.1
10/31/2009	9070	31	40.4	-98.1	-15.8	502.6	-14.8	-374.4	-796.6	0.0	380.4	376.3
11/30/2009	9100	30	703.4	-93.6	-9.6	432.6	-14.9	-360.3	-892.6	0.0	235.0	0.0
12/31/2009	9131	31	-475.1	-101.7	-9.7	703.5	-14.3	-368.8	-815.0	165.9	453.9	461.3
1/31/2010	9162	31	-1598.8	-137.2	-17.6	1179.9	-11.0	-380.6	-689.9	351.6	606.0	697.6
2/28/2010	9190	28	-868.7	-147.5	-24.5	762.8	-7.7	-353.4	-588.4	266.0	461.8	499.8
3/31/2010	9221	31	223.8	-154.8	-33.0	273.6	-8.3	-391.7	-648.0	0.0	372.8	365.8
4/30/2010	9251	30	-19.5	-137.8	-27.2	369.4	-8.4	-379.2	-563.7	0.0	383.2	383.2
5/31/2010	9282	31	600.4	-129.0	-25.8	340.7	-8.2	-391.5	-655.9	0.0	269.3	0.0
6/30/2010	9312	30	136.6	-113.9	-24.0	294.7	-8.7	-374.7	-661.6	0.0	376.5	375.0
7/31/2010	9343	31	236.5	-115.0	-26.3	310.8	-10.9	-389.0	-773.3	0.0	385.0	382.3
8/31/2010	9374	31	346.6	-111.7	-25.2	258.9	-12.7	-389.3	-828.7	0.0	382.7	379.4
9/30/2010	9404	30	319.1	-106.1	-19.9	313.7	-13.6	-375.8	-858.7	0.0	372.0	369.3
10/31/2010	9435	31	-148.8	-113.4	-18.5	565.2	-13.1	-386.8	-680.3	0.0	397.7	398.1
11/30/2010	9465	30	246.4	-111.7	-13.2	340.3	-12.6	-372.2	-782.5	0.0	357.1	348.5
12/31/2010	9496	31	-1646.0	-141.1	-13.9	1678.6	-10.9	-384.5	-638.2	325.5	361.7	468.8
1/31/2011	9527	31	119.2	-153.5	-16.9	178.8	-9.4	-390.6	-590.5	0.0	428.9	434.0
2/28/2011	9555	28	-679.6	-142.0	-22.0	542.0	-9.0	-359.8	-666.4	253.7	528.5	554.7
3/31/2011	9586	31	-2225.7	-214.3	-112.4	1319.0	-9.0	-419.7	-621.7	349.0	928.2	1006.7
4/30/2011	9616	30	240.6	-215.9	-145.7	288.0	-7.6	-409.5	-537.5	0.0	385.1	402.5
5/31/2011	9647	31	279.3	-188.4	-95.3	305.6	-9.1	-414.6	-610.8	0.0	370.7	362.7
6/30/2011	9677	30	542.8	-156.7	-50.4	277.3	-9.2	-397.6	-616.6	0.0	323.0	87.3
7/31/2011	9708	31	209.0	-145.0	-37.9	297.2	-10.1	-405.6	-681.5	0.0	387.9	386.0
8/31/2011	9739	31	245.9	-137.6	-31.5	267.3	-10.5	-405.5	-687.2	0.0	381.4	377.7
9/30/2011	9769	30	214.8	-128.8	-22.8	290.9	-10.6	-391.1	-681.0	0.0	366.6	362.1
10/31/2011	9800	31	543.0	-125.1	-17.0	345.7	-10.8	-399.8	-687.1	0.0	324.5	26.8
11/30/2011	9830	30	-188.7	-119.2	-13.3	397.5	-9.8	-380.6	-547.9	0.0	427.8	434.0
12/31/2011	9861	31	273.6	-119.0	-10.0	285.9	-9.2	-390.5	-615.9	0.0	351.3	233.9
1/31/2012	9892	31	-174.7	-117.2	-12.1	400.0	-9.1	-385.3	-542.6	0.0	418.6	422.4
2/29/2012	9921	29	388.5	-108.4	-11.2	315.5	-8.3	-360.5	-573.7	0.0	307.5	50.8
3/31/2012	9952	31	-517.2	-120.2	-20.0	549.9	-8.9	-384.8	-662.6	166.5	493.6	503.6
4/30/2012	9982	30	-313.4	-126.2	-27.4	408.5	-7.4	-379.3	-549.5	84.5	451.0	459.1
5/31/2012	10013	31	396.3	-123.5	-25.1	338.6	-7.5	-391.3	-586.6	0.0	330.7	68.4
6/30/2012	10043	30	172.5	-109.7	-22.4	230.1	-8.5	-373.7	-618.6	0.0	367.3	363.1

Flow Budget for the Semi-Perched Aquifer in Pleasant Valley

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet									
			STORAGE	TILE DRAINS	ET	RECHARGE	Pumping from Wells	Oxnard Basin	Pleasant Valley UAS	Arroya Las Posas percolation	Conejo Creek Percolation	Calleguas Creek percolation
7/31/2012	10074	31	292.1	-111.1	-24.2	294.9	-11.1	-387.9	-779.1	0.0	368.0	358.5
8/31/2012	10105	31	467.8	-104.5	-20.2	267.8	-13.1	-387.9	-851.7	0.0	356.8	285.0
9/30/2012	10135	30	369.2	-97.0	-15.8	332.2	-14.2	-378.0	-887.8	0.0	351.9	339.6
10/31/2012	10166	31	313.5	-104.2	-15.6	412.0	-16.2	-387.1	-951.5	0.0	377.1	371.9
11/30/2012	10196	30	669.6	-95.6	-9.6	248.5	-15.4	-369.4	-849.1	0.0	324.3	96.7
12/31/2012	10227	31	7.0	-95.9	-9.3	320.1	-14.6	-375.1	-735.4	0.0	448.1	455.0
1/31/2013	10258	31	127.2	-97.9	-11.4	336.8	-13.3	-374.4	-731.6	0.0	383.8	380.8
2/28/2013	10286	28	515.0	-84.3	-9.2	313.0	-12.2	-334.5	-732.7	0.0	296.7	48.1
3/31/2013	10317	31	556.0	-83.0	-10.5	265.4	-13.5	-362.0	-769.6	0.0	333.0	84.2
4/30/2013	10347	30	252.0	-75.4	-12.5	258.0	-13.4	-345.2	-790.3	0.0	365.8	361.1
5/31/2013	10378	31	334.7	-76.7	-16.3	237.8	-14.8	-357.5	-838.7	0.0	369.9	361.5
6/30/2013	10408	30	328.4	-72.8	-16.7	230.2	-15.1	-346.2	-832.3	0.0	364.8	359.7
7/31/2013	10439	31	522.1	-69.5	-14.0	303.1	-17.0	-356.1	-997.5	0.0	355.6	273.2
8/31/2013	10470	31	731.1	-61.1	-9.4	305.9	-18.7	-349.8	-1055.9	0.0	337.8	120.1
9/30/2013	10500	30	676.6	-53.0	-4.8	309.4	-19.4	-330.8	-1073.5	0.0	332.7	162.8
10/31/2013	10531	31	579.4	-51.0	-3.0	313.3	-21.2	-334.0	-1136.3	0.0	357.9	295.0
11/30/2013	10561	30	468.4	-49.6	-4.1	315.3	-22.0	-319.9	-1130.2	0.0	372.4	369.7
12/31/2013	10592	31	529.3	-55.0	-4.6	319.2	-23.9	-330.2	-1183.5	0.0	377.0	371.7
1/31/2014	10623	31	582.2	-55.0	-5.3	338.1	-24.6	-331.9	-1220.5	0.0	364.5	352.6
2/28/2014	10651	28	-62.5	-52.2	-6.0	600.5	-20.5	-297.0	-868.1	0.0	353.4	352.4
3/31/2014	10682	31	98.5	-63.9	-12.9	334.7	-21.1	-331.4	-1000.7	12.6	487.3	497.0
4/30/2014	10712	30	901.4	-54.4	-9.4	330.7	-21.2	-319.6	-1096.6	0.0	269.1	0.0
5/31/2014	10743	31	743.1	-47.0	-3.4	327.5	-23.2	-319.1	-1179.8	0.0	342.7	159.2
6/30/2014	10773	30	733.4	-39.8	0.0	333.7	-23.5	-298.6	-1184.3	0.0	330.9	148.3
7/31/2014	10804	31	760.8	-37.1	0.0	324.7	-24.7	-296.2	-1242.8	0.0	344.1	171.1
8/31/2014	10835	31	806.5	-34.0	0.0	317.8	-25.2	-283.3	-1212.3	0.0	334.6	95.9
9/30/2014	10865	30	838.2	-30.9	0.0	310.7	-25.0	-262.3	-1181.1	0.0	315.4	35.0
10/31/2014	10896	31	780.0	-30.9	0.0	314.8	-26.3	-258.4	-1217.3	0.0	335.5	102.5
11/30/2014	10926	30	455.7	-28.8	0.0	290.7	-26.2	-240.6	-1168.7	0.0	362.1	355.9
12/31/2014	10957	31	-915.9	-32.8	-1.2	914.6	-25.4	-256.9	-904.1	0.0	603.9	617.7
1/31/2015	10988	31	-149.8	-37.5	-2.9	398.9	-21.5	-268.8	-840.7	0.0	457.3	465.0
2/28/2015	11016	28	572.2	-32.4	-0.4	265.9	-19.1	-241.6	-843.4	0.0	290.4	8.5
3/31/2015	11047	31	227.4	-32.7	0.0	268.8	-21.3	-260.2	-901.8	0.0	365.5	354.4
4/30/2015	11077	30	489.1	-29.8	0.0	236.5	-20.8	-250.0	-916.5	0.0	332.3	159.3
5/31/2015	11108	31	549.2	-29.8	0.0	234.1	-22.2	-247.6	-966.4	0.0	340.6	142.2
6/30/2015	11138	30	454.9	-28.2	0.0	239.1	-21.9	-229.3	-959.7	0.0	337.8	207.2
7/31/2015	11169	31	747.7	-28.3	0.0	253.8	-23.2	-227.1	-1011.1	0.0	288.1	0.0
8/31/2015	11200	31	696.8	-27.3	0.0	280.7	-24.3	-217.5	-1068.0	0.0	325.6	34.0
9/30/2015	11230	30	460.7	-25.4	0.0	277.4	-24.4	-201.3	-1051.6	0.0	339.8	224.9
10/31/2015	11261	31	756.7	-25.3	0.0	280.0	-26.0	-199.5	-1089.3	0.0	303.4	0.0
11/30/2015	11291	30	676.7	-23.6	0.0	292.3	-25.7	-185.2	-1077.2	0.0	314.4	28.3
12/31/2015	11322	31	326.8	-23.5	0.0	309.0	-27.4	-187.8	-1114.7	0.0	364.7	352.9

Flow Budget for the UAS in Pleasant Valley															
			influx(+) outflux(-); units in Acre-feet												
Date	Stress	days in month	STORAGE	Mountain Front Recharge	GW Flux from East Las Posas	ET	Recharge	Pumping from Wells	Pleasant Valley Semi-Perched Aquifer	Oxnard UAS	Los Posas	Pleasant Valley LAS	Arroyo Las Posas Percolation	Conejo Creek Percolation	Calleguas Creek percolation
1/31/1985	31	31	-133.0	80.4	17.6	-94.6	51.5	-427.6	695.8	104.6	-0.8	-429.3	10.5	124.9	0.0
2/28/1985	59	28	-306.7	79.2	15.3	-93.8	47.6	-405.6	670.0	108.7	0.0	-277.3	15.0	147.5	0.0
3/31/1985	90	31	-250.4	50.1	15.6	-147.3	43.2	-546.4	825.0	103.1	0.0	-308.0	10.5	204.7	0.0
4/30/1985	120	30	21.6	0.0	12.8	-169.3	24.8	-774.1	1013.5	65.1	0.0	-415.9	4.2	217.2	0.0
5/31/1985	151	31	113.7	0.0	11.7	-180.1	28.1	-823.7	1079.6	30.5	0.0	-503.5	3.7	240.2	0.0
6/30/1985	181	30	151.1	0.0	10.0	-166.4	32.4	-839.2	1108.5	-4.0	0.0	-530.3	4.2	233.7	0.0
7/31/1985	212	31	202.1	0.0	8.5	-173.5	31.4	-933.8	1176.2	-5.8	0.0	-558.1	4.9	248.2	0.0
8/31/1985	243	31	216.2	0.0	6.8	-166.3	32.7	-956.9	1213.4	-26.8	0.0	-572.1	4.3	248.7	0.0
9/30/1985	273	30	227.4	0.0	4.9	-135.9	28.8	-962.5	1218.0	-48.2	0.0	-572.5	4.2	235.9	0.0
10/31/1985	304	31	251.4	0.0	3.9	-123.6	27.1	-988.8	1260.1	-71.2	0.0	-605.1	5.5	240.6	0.0
11/30/1985	334	30	-492.2	471.2	25.9	-100.0	177.2	-461.7	848.1	-93.0	0.0	-750.0	144.0	230.5	0.0
12/31/1985	365	31	64.9	1.5	15.3	-83.7	27.2	-819.3	1132.1	-42.3	0.0	-501.0	11.1	194.2	0.0
1/31/1986	396	31	-479.5	380.5	40.4	-94.6	142.3	-400.4	791.6	-60.6	0.0	-878.5	379.4	179.3	0.0
2/28/1986	424	28	-1324.3	850.1	56.3	-93.8	277.5	-263.6	762.5	-50.7	0.0	-984.6	650.8	119.9	0.0
3/31/1986	455	31	-1346.7	713.9	73.9	-147.3	243.5	-257.6	775.8	-26.7	-0.8	-832.2	677.1	127.2	0.0
4/30/1986	485	30	96.0	6.7	58.6	-170.9	32.6	-538.6	851.9	-2.1	-1.0	-532.3	25.6	173.6	0.0
5/31/1986	516	31	58.0	0.0	52.6	-200.7	25.3	-663.5	1015.8	-45.1	0.0	-476.2	11.1	222.8	0.0
6/30/1986	546	30	74.6	0.0	49.3	-177.8	30.7	-684.9	1040.8	-99.5	0.0	-474.4	11.9	229.2	0.0
7/31/1986	577	31	100.3	0.0	51.4	-182.0	30.8	-913.6	1183.7	-46.6	0.0	-480.5	11.1	245.3	0.0
8/31/1986	608	31	91.2	0.0	50.8	-175.3	28.6	-963.3	1224.2	-24.6	0.0	-487.9	10.5	245.8	0.0
9/30/1986	638	30	-43.8	24.7	51.3	-143.3	39.2	-780.9	1098.3	-23.0	0.0	-482.9	22.0	238.3	0.0
10/31/1986	669	31	85.1	0.0	50.1	-129.8	25.7	-982.3	1228.0	-7.4	0.0	-517.0	12.9	234.8	0.0
11/30/1986	699	30	-226.8	117.0	59.7	-99.3	68.6	-587.0	953.3	-36.1	0.0	-518.1	53.6	215.1	0.0
12/31/1986	730	31	80.0	0.0	52.8	-83.2	21.7	-959.7	1190.0	-11.7	0.0	-500.3	14.1	196.2	0.0
1/31/1987	761	31	-188.9	119.0	55.0	-94.5	62.6	-627.0	989.6	-34.9	0.0	-513.3	33.2	199.2	0.0
2/28/1987	789	28	-97.8	53.7	48.1	-93.8	44.7	-678.4	961.4	-1.7	0.0	-445.4	25.0	184.2	0.0
3/31/1987	820	31	-219.7	126.1	55.4	-144.1	66.4	-590.5	912.1	13.5	0.0	-480.2	32.6	228.5	0.0
4/30/1987	850	30	139.6	0.0	50.3	-159.7	28.8	-1100.2	1279.2	28.3	0.0	-514.6	17.3	231.1	0.0
5/31/1987	881	31	239.8	0.0	51.4	-180.2	28.9	-1195.8	1405.0	-1.7	0.0	-611.6	18.4	245.6	0.0
6/30/1987	911	30	280.9	0.0	48.5	-170.9	33.7	-1229.9	1456.6	-34.8	0.0	-638.7	15.5	239.1	0.0
7/31/1987	942	31	322.2	0.0	50.7	-178.5	36.8	-1164.2	1421.7	-53.3	0.0	-702.7	17.2	250.2	0.0
8/31/1987	973	31	341.9	0.0	52.9	-171.3	30.0	-1172.1	1437.6	-69.9	0.0	-724.9	23.4	252.4	0.0
9/30/1987	1003	30	340.3	0.0	51.3	-138.2	31.3	-1167.9	1429.6	-84.9	0.0	-715.9	20.2	234.1	0.0
10/31/1987	1034	31	63.2	115.3	72.7	-134.0	63.8	-798.0	1182.7	-118.9	0.0	-912.8	194.3	271.8	0.0
11/30/1987	1064	30	-101.7	194.5	71.9	-99.5	91.3	-620.5	999.9	-113.8	0.0	-697.4	66.0	209.1	0.0
12/31/1987	1095	31	-354.2	342.2	87.0	-83.7	102.0	-535.9	863.2	-102.0	0.0	-1102.4	603.2	180.5	0.0
1/31/1988	1126	31	-292.1	178.8	90.9	-94.6	83.9	-512.5	883.9	-71.6	-0.3	-909.1	469.1	173.6	0.0
2/29/1988	1155	29	-254.9	88.6	86.0	-97.1	53.4	-541.9	875.3	-44.2	-1.8	-600.5	265.2	171.9	0.0
3/31/1988	1186	31	222.8	0.0	76.7	-147.3	28.3	-903.1	1174.4	-32.6	-1.2	-666.2	27.1	221.2	0.0
4/30/1988	1216	30	-330.1	125.6	86.3	-164.4	70.8	-548.8	908.6	-39.3	-1.6	-706.9	363.6	236.2	0.0
5/31/1988	1247	31	214.6	0.0	78.2	-186.0	33.7	-920.6	1204.4	-30.2	-1.6	-667.2	33.2	241.6	0.0
6/30/1988	1277	30	173.8	0.0	68.5	-174.7	34.5	-958.2	1235.4	-44.0	-0.1	-596.1	21.4	239.5	0.0
7/31/1988	1308	31	183.8	0.0	68.3	-181.1	34.7	-1014.7	1273.5	-23.5	0.0	-614.2	25.2	248.0	0.0
8/31/1988	1339	31	226.4	0.0	65.7	-174.6	33.6	-1051.9	1304.6	-23.6	0.0	-649.8	22.8	246.8	0.0
9/30/1988	1369	30	230.9	0.0	65.4	-141.8	33.6	-1061.3	1307.6	-30.1	0.0	-676.0	33.9	237.7	0.0
10/31/1988	1400	31	265.8	0.0	62.9	-129.6	33.6	-1096.8	1347.0	-46.7	0.0	-696.6	19.7	240.7	0.0
11/30/1988	1430	30	108.5	60.1	66.1	-97.7	50.3	-836.6	1141.9	-71.8	0.0	-680.9	41.7	218.4	0.0
12/31/1988	1461	31	-413.6	508.0	84.0	-83.7	177.1	-551.5	912.7	-104.6	0.0	-1113.2	420.0	164.7	0.0
1/31/1989	1492	31	162.9	0.0	70.2	-94.6	25.6	-796.2	1085.0	-67.4	0.0	-583.0	20.3	177.2	0.0
2/28/1989	1520	28	-341.8	299.2	76.6	-93.8	121.0	-440.9	800.0	-76.1	-0.1	-790.5	295.5	150.8	0.0
3/31/1989	1551	31	34.1	11.6	77.7	-147.3	37.8	-685.8	1045.9	-60.9	-0.1	-561.4	39.4	209.2	0.0
4/30/1989	1581	30	9												

Flow Budget for the UAS in Pleasant Valley																
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Date	Stress	days in month	STORAGE	Mountain Front Recharge	GW Flux from East Las Posas	ET	Recharge	Pumping from Wells	Pleasant Valley Semi-Perched Aquifer	Oxnard UAS	Los Posas	Pleasant Valley LAS	Arroyo Las Posas Percolation	Conejo Creek Percolation	Calleguas Creek percolation	
6/30/1991	2372	30	275.3	0.0	90.5	-175.2	21.1	-1175.5	1373.5	-43.5	0.0	-610.2	16.1	228.0	0.0	
7/31/1991	2403	31	301.2	0.0	89.7	-181.4	22.2	-1099.7	1292.0	-28.8	0.0	-647.8	16.0	236.5	0.0	
8/31/1991	2434	31	308.0	0.0	86.3	-174.7	21.6	-1116.7	1308.1	-22.0	0.0	-662.6	14.8	237.1	0.0	
9/30/1991	2464	30	296.5	0.0	80.7	-141.4	20.6	-1107.2	1284.3	-19.7	0.0	-653.9	13.1	227.1	0.0	
10/31/1991	2495	31	299.7	0.0	80.6	-129.4	21.4	-1135.3	1323.3	-22.4	0.0	-684.1	12.3	233.9	0.0	
11/30/1991	2525	30	289.8	0.0	75.6	-96.4	21.1	-1119.7	1299.7	-20.9	0.0	-670.8	11.9	209.7	0.0	
12/31/1991	2556	31	-520.7	622.5	101.3	-83.7	185.7	-599.0	1009.6	-107.5	0.0	-1392.9	613.4	171.3	0.0	
1/31/1992	2587	31	-151.9	217.4	110.2	-94.6	84.2	-527.5	919.8	-108.9	-0.2	-1047.7	445.2	153.9	0.0	
2/29/1992	2616	29	-2246.1	1341.8	136.7	-97.1	400.8	-348.6	1089.5	-132.8	-3.7	-1275.0	1066.0	68.5	0.0	
3/31/1992	2647	31	-1420.7	689.3	159.6	-147.3	226.4	-330.6	1110.6	-122.3	-9.0	-1092.5	861.3	75.3	0.0	
4/30/1992	2677	30	-33.6	0.0	149.1	-170.9	18.6	-645.4	1063.6	-45.6	-10.1	-622.1	156.5	139.8	0.0	
5/31/1992	2708	31	3.9	0.0	144.2	-202.2	21.6	-684.3	1123.0	-16.3	-8.1	-643.2	65.8	195.7	0.0	
6/30/1992	2738	30	-27.7	0.0	132.0	-186.9	21.6	-690.5	1096.5	-4.0	-5.8	-608.5	57.7	215.4	0.0	
7/31/1992	2769	31	45.4	0.0	132.1	-192.3	23.8	-845.0	1158.8	38.2	-4.5	-654.9	62.7	235.6	0.0	
8/31/1992	2800	31	89.9	0.0	127.7	-183.3	25.9	-884.9	1172.9	42.7	-3.4	-678.1	49.8	240.7	0.0	
9/30/1992	2830	30	103.8	0.0	120.4	-148.6	23.4	-894.5	1158.6	35.6	-2.3	-667.2	44.0	226.6	0.0	
10/31/1992	2861	31	-151.8	23.9	130.2	-134.5	36.9	-794.4	1150.1	17.6	-2.6	-645.0	144.5	225.1	0.0	
11/30/1992	2891	30	61.1	0.0	118.9	-97.6	22.3	-895.7	1183.7	35.1	-2.3	-658.9	38.1	195.3	0.0	
12/31/1992	2922	31	-1303.0	539.2	136.3	-83.7	175.5	-473.3	1078.0	-3.4	-4.0	-878.5	672.2	144.6	0.0	
1/31/1993	2953	31	-2632.4	1248.1	165.6	-94.6	393.4	-336.1	1121.1	-9.2	-8.7	-960.4	1032.5	80.6	0.0	
2/28/1993	2981	28	-2303.2	909.6	157.8	-101.4	299.3	-273.4	1046.3	31.1	-14.3	-771.6	1014.7	5.0	0.0	
3/31/1993	3012	31	-1419.1	258.2	178.7	-154.2	89.6	-324.4	1055.8	103.1	-22.4	-616.1	767.2	83.5	0.0	
4/30/1993	3042	30	-402.2	0.0	166.4	-170.9	22.3	-595.5	956.6	161.3	-22.2	-511.9	251.1	145.1	0.0	
5/31/1993	3073	31	-365.6	0.0	165.5	-202.7	25.1	-641.9	1039.1	171.9	-21.3	-598.0	232.4	195.5	0.0	
6/30/1993	3103	30	-310.3	0.0	156.1	-187.2	24.3	-656.9	1004.7	164.4	-19.4	-615.6	229.1	210.7	0.0	
7/31/1993	3134	31	-172.7	0.0	156.2	-195.7	23.5	-634.4	935.5	149.9	-18.2	-661.9	181.4	236.3	0.0	
8/31/1993	3165	31	-138.1	0.0	152.0	-188.5	25.1	-644.9	971.9	125.0	-16.1	-671.0	141.4	243.2	0.0	
9/30/1993	3195	30	-76.2	0.0	143.6	-150.9	25.1	-643.1	938.9	103.4	-13.5	-664.6	116.6	220.7	0.0	
10/31/1993	3226	31	-142.3	0.0	147.2	-134.6	26.0	-661.4	971.3	105.4	-12.9	-693.0	172.8	221.6	0.0	
11/30/1993	3256	30	-122.6	0.0	140.8	-98.3	22.7	-578.2	882.2	109.0	-11.8	-681.1	146.4	190.9	0.0	
12/31/1993	3287	31	-483.6	72.3	146.6	-83.7	47.2	-469.9	788.4	122.3	-13.1	-608.3	307.4	174.4	0.0	
1/31/1994	3318	31	-336.3	0.0	148.3	-94.6	18.8	-623.9	900.7	140.8	-15.3	-642.1	319.1	184.5	0.0	
2/28/1994	3346	28	-1345.1	501.9	140.1	-93.8	177.6	-318.0	773.7	105.7	-14.6	-698.1	633.2	137.4	0.0	
3/31/1994	3377	31	-1020.6	237.8	157.3	-147.3	99.7	-335.0	741.8	132.7	-19.6	-648.6	626.3	175.5	0.0	
4/30/1994	3407	30	-221.5	0.0	150.5	-167.2	19.6	-563.4	785.4	149.9	-19.6	-544.9	206.5	204.8	0.0	
5/31/1994	3438	31	-193.1	0.0	154.5	-188.1	21.1	-601.5	844.2	142.1	-18.9	-609.1	209.1	239.8	0.0	
6/30/1994	3468	30	-57.4	0.0	147.3	-182.9	24.0	-610.5	843.2	114.8	-16.3	-612.9	116.0	234.7	0.0	
7/31/1994	3499	31	98.9	0.0	149.4	-188.4	25.9	-813.6	968.5	132.9	-14.2	-697.9	93.5	245.1	0.0	
8/31/1994	3530	31	133.3	0.0	146.7	-181.3	28.0	-849.4	1021.6	118.4	-11.9	-729.4	79.3	244.8	0.0	
9/30/1994	3560	30	138.2	0.0	139.5	-148.9	26.1	-860.2	1042.5	97.9	-9.8	-732.3	67.8	239.2	0.0	
10/31/1994	3591	31	134.6	0.0	138.7	-133.6	25.7	-890.1	1100.4	93.2	-8.6	-740.3	46.1	233.8	0.0	
11/30/1994	3621	30	-101.9	42.6	136.8	-98.0	43.4	-676.2	931.4	79.0	-7.4	-652.2	100.0	202.5	0.0	
12/31/1994	3652	31	-190.9	33.2	144.9	-83.5	38.2	-681.1	931.8	91.5	-8.3	-676.6	218.3	182.6	0.0	
1/31/1995	3683	31	-3086.8	1835.0	174.0	-96.0	557.8	-349.0	863.2	7.1	-9.3	-1079.1	1117.8	65.3	0.0	
2/28/1995	3711	28	-297.1	67.0	156.0	-95.9	42.4	-434.7	657.1	44.4	-17.0	-567.6	382.6	62.5	0.0	
3/31/1995	3742	31	-2343.6	1069.7	184.1	-157.9	342.8	-280.6	806.7	61.5	-20.4	-710.3	999.5	48.7	0.0	
4/30/1995	3772	30	-381.4	0.0	174.0	-176.9	22.1	-485.6	749.6	85.8	-25.1	-579.4	494.5	122.4	0.0	
5/31/1995	3803	31	-289.3	0.2	174.9	-204.4	24.7	-595.0	886.2	94.6	-26.4	-637.8	386.8	185.6	0.0	
6/30/1995	3833	30	-185.7	0.0	165.7	-189.0	26.3	-599.3	870.2	90.4	-25.1	-633.9	276.1	204.4	0.0	
7/31/1995	3864	31	-152.3	0.0	168.0	-196.3	29.8	-564.4	827.6	112.2	-23.6	-612.6	184.5	227.2	0.0	
8/31/1995	3895	31	-186.4	0.0</												

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11/30/1997	4717	30	-701.8	226.5	151.5	-100.3	91.5	-493.6	863.5	-32.9	-22.5	-765.7	596.0	187.8	0.0	
12/31/1997	4748	31	-1705.6	824.3	172.2	-83.7	255.8	-346.6	835.4	-61.9	-29.5	-780.2	809.1	110.6	0.0	
1/31/1998	4779	31	-1047.6	317.5	176.8	-94.6	117.8	-383.6	858.8	-41.5	-40.6	-690.1	719.9	107.2	0.0	
2/28/1998	4807	28	-3523.7	2285.8	168.5	-109.3	707.1	-239.7	537.8	-80.7	-67.2	-887.1	1276.6	-68.1	0.0	
3/31/1998	4838	31	-877.4	330.2	190.3	-180.1	122.7	-318.5	720.0	-32.8	-101.6	-665.9	801.6	11.5	0.0	
4/30/1998	4868	30	-656.6	107.8	181.6	-172.5	58.0	-378.5	833.5	20.1	-94.1	-665.3	671.6	94.5	0.0	
5/31/1998	4899	31	-877.0	198.9	187.3	-204.5	87.5	-325.9	794.1	38.9	-94.9	-666.2	718.6	143.2	0.0	
6/30/1998	4929	30	-180.4	0.0	177.1	-193.7	35.3	-615.7	917.9	45.4	-89.1	-865.9	599.5	169.6	0.0	
7/31/1998	4960	31	-68.6	0.0	178.0	-197.6	29.5	-530.3	808.8	22.6	-84.5	-824.1	464.8	201.4	0.0	
8/31/1998	4991	31	-54.1	0.0	173.8	-190.8	31.3	-543.2	831.3	17.7	-81.3	-793.6	395.4	213.7	0.0	
9/30/1998	5021	30	-102.4	0.0	165.2	-152.1	27.8	-544.8	818.9	5.6	-76.9	-784.0	445.7	197.2	0.0	
10/31/1998	5052	31	3.2	0.0	167.7	-134.8	29.0	-560.8	846.4	-2.7	-77.0	-806.6	341.3	194.3	0.0	
11/30/1998	5082	30	-246.1	10.1	160.8	-98.8	34.8	-491.2	778.5	5.1	-73.5	-765.9	521.8	164.3	0.0	
12/31/1998	5113	31	-49.7	0.0	164.2	-83.7	24.3	-516.9	771.3	24.1	-75.4	-801.2	383.1	159.9	0.0	
1/31/1999	5144	31	-552.4	144.6	162.3	-94.6	65.3	-392.1	648.4	38.5	-76.1	-716.7	614.1	158.8	0.0	
2/28/1999	5172	28	-176.3	0.4	144.8	-93.8	22.6	-658.7	809.5	36.7	-70.2	-706.8	533.7	158.2	0.0	
3/31/1999	5203	31	-868.6	319.6	161.6	-147.3	113.6	-358.3	691.2	40.1	-78.9	-725.6	669.0	183.7	0.0	
4/30/1999	5233	30	-750.8	139.1	158.5	-166.3	67.7	-352.6	721.2	48.6	-80.7	-644.6	663.6	196.2	0.0	
5/31/1999	5264	31	25.9	0.0	161.9	-188.5	31.0	-658.1	803.7	44.9	-82.4	-779.5	413.2	227.9	0.0	
6/30/1999	5294	30	153.6	0.0	154.4	-184.1	31.8	-684.5	871.4	18.9	-72.3	-812.7	290.4	233.0	0.0	
7/31/1999	5325	31	129.0	0.0	157.1	-191.9	30.5	-739.3	909.4	40.2	-65.3	-765.7	252.7	243.2	0.0	
8/31/1999	5356	31	108.8	0.0	155.1	-183.9	31.8	-785.2	979.6	27.7	-59.1	-779.5	260.1	244.4	0.0	
9/30/1999	5386	30	104.8	0.0	148.2	-149.8	29.5	-803.2	1020.1	9.3	-54.1	-792.1	258.2	229.1	0.0	
10/31/1999	5417	31	165.8	0.0	150.6	-133.6	34.8	-837.2	1094.9	-6.7	-50.0	-837.8	201.1	218.2	0.0	
11/30/1999	5447	30	-50.4	15.9	145.1	-98.2	36.6	-692.2	964.4	-25.1	-49.8	-784.7	347.5	190.8	0.0	
12/31/1999	5478	31	101.9	0.0	149.0	-83.2	29.0	-833.4	1070.2	-29.7	-57.0	-839.7	317.9	175.0	0.0	
1/31/2000	5509	31	-260.4	119.5	147.7	-94.4	64.6	-485.6	800.6	-78.3	-61.1	-819.2	493.1	173.4	0.0	
2/29/2000	5538	29	-1313.5	759.6	148.8	-97.1	235.1	-322.6	682.8	-103.0	-65.7	-758.7	722.4	111.8	0.0	
3/31/2000	5569	31	-532.2	156.7	157.8	-147.3	68.9	-361.9	725.4	-82.0	-77.7	-695.9	627.0	161.4	0.0	
4/30/2000	5599	30	-651.7	182.8	151.3	-168.8	79.9	-327.3	718.5	-48.2	-76.5	-663.6	618.1	185.5	0.0	
5/31/2000	5630	31	168.6	0.0	153.0	-189.2	33.5	-568.7	795.9	-36.5	-74.6	-814.1	314.2	218.0	0.0	
6/30/2000	5660	30	270.7	0.0	145.2	-184.2	35.2	-605.3	855.2	-55.4	-60.1	-867.0	238.6	227.1	0.0	
7/31/2000	5691	31	188.7	0.0	156.2	-191.3	23.6	-742.6	989.4	-67.4	-52.2	-790.2	242.3	243.6	0.0	
8/31/2000	5722	31	147.9	0.0	159.8	-182.8	24.4	-759.0	1018.9	-79.4	-47.9	-769.4	244.7	242.8	0.0	
9/30/2000	5752	30	118.1	0.0	156.1	-147.9	22.6	-760.0	1025.7	-89.1	-45.0	-758.9	255.3	223.2	0.0	
10/31/2000	5783	31	-7.0	1.7	162.2	-133.8	20.1	-717.0	1007.2	-94.2	-50.7	-760.1	350.5	221.0	0.0	
11/30/2000	5813	30	109.3	0.0	156.4	-97.5	21.2	-763.8	1027.0	-82.0	-50.0	-760.4	248.7	191.0	0.0	
12/31/2000	5844	31	117.9	0.0	160.9	-83.2	20.0	-785.7	1048.4	-84.5	-49.1	-798.0	271.8	181.6	0.0	
1/31/2001	5875	31	-1286.7	628.2	172.3	-94.6	192.8	-363.1	812.4	-127.6	-57.5	-769.5	752.3	141.0	0.0	
2/28/2001	5903	28	-1479.5	745.2	167.6	-93.8	254.8	-268.7	648.4	-114.4	-68.6	-665.6	792.6	82.0	0.0	
3/31/2001	5934	31	-1261.6	577.2	191.3	-147.3	157.7	-272.5	640.7	-96.7	-92.3	-665.8	844.6	124.8	0.0	
4/30/2001	5964	30	-434.6	26.7	181.3	-170.9	36.3	-450.4	809.4	-69.2	-92.1	-597.0	605.8	154.7	0.0	
5/31/2001	5995	31	-191.7	0.0	183.0	-200.8	25.1	-570.1	839.5	-70.3	-90.0	-691.4	566.3	200.4	0.0	
6/30/2001	6025	30	-26.4	0.0	174.0	-186.3	26.0	-588.4	863.2	-85.8	-82.1	-706.5	399.9	212.6	0.0	
7/31/2001	6056	31	78.2	0.0	172.2	-194.2	33.5	-830.1	1090.7	-73.2	-79.5	-817.7	384.3	235.7	0.0	
8/31/2001	6087	31	123.4	0.0	167.1	-185.9	33.3	-849.1	1114.4	-89.0	-74.0	-855.1	375.7	239.2	0.0	
9/30/2001	6117	30	133.3	0.0	158.6	-150.2	30.5	-852.9	1121.2	-102.1	-67.4	-860.3	373.7	215.7	0.0	
10/31/2001	6148	31	92.9	0.0	162.2	-134.1	31.9	-874.5	1152.4	-108.3	-66.5	-910.2	441.5	212.6	0.0	
11/30/2001	6178	30	-650.7	264.2	157.7	-100.1	99.2	-440.4	827.9	-102.1	-64.9	-768.4	610.0	167.5	0.0	
12/31/2001	6209	31	-320.2	114.6	162.6	-83.7	52.4	-491.9	712.3	-71.6	-70.3	-759.7	608.9	146.8	0.0	
1/31/2002	6240	31	-316.													

Flow Budget for the UAS in Pleasant Valley																
			influx(+) outflux(-); units in Acre-feet													
Date	Stress	days in month	STORAGE	Mountain Front Recharge	GW Flux from East Las Posas	ET	Recharge	Pumping from Wells	Pleasant Valley Semi-Perched Aquifer	Oxnard UAS	Los Posas	Pleasant Valley LAS	Arroyo Las Posas Percolation	Conejo Creek Percolation	Calleguas Creek percolation	
4/30/2004	7060	30	145.0	0.0	169.9	-160.9	25.0	-491.2	713.6	-143.3	-73.2	-743.7	341.6	217.4	0.0	
5/31/2004	7091	31	249.5	0.0	173.0	-183.9	36.0	-511.7	766.6	-164.3	-66.3	-781.0	241.0	241.1	0.0	
6/30/2004	7121	30	296.3	0.0	165.2	-175.6	28.5	-510.8	756.9	-174.8	-52.1	-770.6	192.8	244.1	0.0	
7/31/2004	7152	31	373.0	0.0	169.1	-183.1	29.9	-770.1	980.6	-167.3	-45.2	-841.3	202.9	251.6	0.0	
8/31/2004	7183	31	426.6	0.0	167.2	-176.9	30.7	-814.9	1050.7	-177.4	-38.4	-891.2	172.8	251.0	0.0	
9/30/2004	7213	30	416.9	0.0	160.8	-143.5	29.5	-831.2	1071.1	-187.9	-33.5	-908.4	189.8	236.4	0.0	
10/31/2004	7244	31	-1161.1	645.6	179.1	-140.5	216.0	-446.4	933.8	-278.5	-48.7	-879.4	770.8	209.4	0.0	
11/30/2004	7274	30	354.7	0.0	170.6	-98.4	24.0	-783.5	987.5	-214.0	-58.9	-834.3	288.0	164.2	0.0	
12/31/2004	7305	31	-1407.3	815.1	189.5	-83.7	248.0	-407.3	901.4	-284.5	-74.6	-865.5	868.5	100.5	0.0	
1/31/2005	7336	31	-2246.9	1207.3	195.0	-94.6	417.4	-295.6	825.4	-311.6	-110.0	-821.6	1211.2	23.9	0.0	
2/28/2005	7364	28	-2095.0	1145.5	178.7	-108.1	364.8	-226.4	683.4	-263.9	-133.6	-706.1	1206.6	-45.9	0.0	
3/31/2005	7395	31	-686.9	194.0	198.7	-176.7	92.1	-266.9	769.8	-226.1	-137.8	-574.3	768.6	45.5	0.0	
4/30/2005	7425	30	-446.6	15.0	188.4	-185.3	36.0	-328.0	811.9	-170.7	-113.8	-577.8	652.9	118.0	0.0	
5/31/2005	7456	31	-212.6	0.0	190.4	-214.1	25.9	-405.7	793.4	-158.5	-104.7	-712.0	624.2	173.7	0.0	
6/30/2005	7486	30	-6.6	0.0	180.9	-196.3	27.3	-416.5	683.0	-146.1	-92.0	-756.4	529.6	193.0	0.0	
7/31/2005	7517	31	90.0	0.0	184.3	-200.7	28.2	-435.6	710.1	-142.7	-88.2	-793.0	428.0	219.7	0.0	
8/31/2005	7548	31	94.7	0.0	182.2	-189.1	28.1	-441.3	698.8	-130.1	-83.6	-775.6	389.8	226.0	0.0	
9/30/2005	7578	30	135.1	0.0	174.6	-150.0	25.9	-437.2	665.0	-119.9	-76.4	-742.2	321.3	203.8	0.0	
10/31/2005	7609	31	-379.4	61.7	180.5	-136.3	54.7	-357.2	624.7	-111.1	-79.0	-678.6	614.9	205.0	0.0	
11/30/2005	7639	30	-69.6	0.0	174.1	-98.4	23.7	-421.4	596.9	-96.6	-78.2	-702.9	496.9	175.6	0.0	
12/31/2005	7670	31	14.2	0.0	179.2	-83.6	22.2	-438.1	608.8	-99.5	-79.4	-745.8	454.4	167.6	0.0	
1/31/2006	7701	31	-738.9	266.8	182.2	-94.6	91.7	-280.3	607.5	-110.3	-82.2	-693.1	688.2	162.7	0.0	
2/28/2006	7729	28	-779.7	312.5	166.8	-93.8	123.0	-232.5	511.8	-97.0	-79.2	-583.7	624.5	127.4	0.0	
3/31/2006	7760	31	-898.4	381.0	187.5	-147.3	146.1	-229.1	492.3	-92.6	-92.9	-601.5	702.0	152.8	0.0	
4/30/2006	7790	30	-848.3	353.4	183.8	-176.2	134.1	-211.0	430.1	-62.5	-94.3	-553.9	684.7	160.1	0.0	
5/31/2006	7821	31	-204.5	68.3	187.8	-206.3	49.6	-267.9	335.3	-52.5	-95.9	-591.6	578.6	199.2	0.0	
6/30/2006	7851	30	206.5	0.0	179.4	-189.5	31.1	-386.5	473.5	-73.6	-86.6	-747.4	385.6	207.5	0.0	
7/31/2006	7882	31	196.1	0.0	183.0	-194.9	28.8	-413.1	519.9	-82.2	-82.0	-725.9	338.2	232.1	0.0	
8/31/2006	7913	31	130.5	0.0	180.9	-185.1	29.4	-423.4	540.3	-92.8	-79.3	-699.2	360.3	238.3	0.0	
9/30/2006	7943	30	170.1	0.0	173.0	-149.8	26.8	-423.6	542.5	-108.9	-73.8	-682.6	311.8	214.3	0.0	
10/31/2006	7974	31	181.2	0.0	176.8	-134.3	27.5	-437.1	564.4	-124.9	-72.1	-702.7	311.1	210.0	0.0	
11/30/2006	8004	30	155.9	0.0	169.5	-97.9	24.2	-433.5	561.3	-131.9	-68.1	-689.1	326.7	182.9	0.0	
12/31/2006	8035	31	-98.1	56.0	174.4	-83.6	42.7	-343.2	485.8	-143.4	-72.4	-650.5	463.0	169.3	0.0	
1/31/2007	8066	31	-384.6	187.8	174.2	-94.6	93.9	-292.4	397.4	-135.2	-77.1	-552.6	526.9	156.1	0.0	
2/28/2007	8094	28	-225.3	35.8	157.6	-93.8	34.5	-364.5	455.5	-108.9	-73.3	-523.6	551.1	154.9	0.0	
3/31/2007	8125	31	87.1	0.0	173.8	-145.6	22.9	-475.6	568.6	-122.0	-81.4	-625.7	389.8	208.1	0.0	
4/30/2007	8155	30	-93.7	0.0	168.5	-160.8	21.2	-430.7	543.7	-130.7	-78.9	-609.3	545.7	225.0	0.0	
5/31/2007	8186	31	135.0	0.0	173.6	-186.7	27.0	-485.2	607.1	-152.4	-81.4	-658.5	373.2	248.2	0.0	
6/30/2007	8216	30	154.8	0.0	167.7	-178.8	27.0	-488.8	630.8	-179.1	-77.6	-660.2	363.0	241.3	0.0	
7/31/2007	8247	31	302.8	0.0	172.7	-185.6	30.3	-567.1	695.5	-178.6	-77.8	-780.9	338.2	250.5	0.0	
8/31/2007	8278	31	292.7	0.0	172.3	-179.7	28.8	-592.7	737.8	-182.6	-75.1	-828.6	375.7	251.3	0.0	
9/30/2007	8308	30	139.9	0.0	167.0	-146.6	28.3	-599.6	763.4	-184.3	-71.9	-833.3	499.2	237.9	0.0	
10/31/2007	8339	31	333.6	0.0	171.4	-133.5	30.2	-621.1	800.0	-194.7	-71.0	-865.4	319.1	231.3	0.0	
11/30/2007	8369	30	367.8	0.0	164.7	-97.6	26.8	-618.9	787.9	-191.4	-62.4	-848.2	272.5	198.9	0.0	
12/31/2007	8400	31	-202.1	133.5	170.6	-83.6	67.1	-452.0	647.4	-226.1	-66.1	-718.3	550.3	179.4	0.0	
1/31/2008	8431	31	-1616.5	991.1	188.5	-94.9	309.1	-294.1	581.1	-274.7	-86.7	-725.5	913.5	109.1	0.0	
2/29/2008	8460	29	-414.4	226.5	174.8	-97.9	90.3	-290.7	528.2	-243.7	-90.7	-566.5	585.7	98.4	0.0	
3/31/2008	8491	31	293.9	0.0	181.6	-147.3	30.1	-463.9	633.0	-226.0	-91.1	-697.8	321.6	165.9	0.0	
4/30/2008	8521	30	301.2	0.0	172.0	-170.9	34.1	-473.9	658.0	-200.2	-80.8	-743.5	308.2	195.7	0.0	
5/31/2008	8552	31	339.1	0.0	175.1	-191.7	35.5	-494.0	687.7	-205.1	-76.5	-786.7	286.5	230.0	0.0	
6/30/2008</																

Flow Budget for the UAS in Pleasant Valley																
			influx(+) outflux(-); units in Acre-feet													
Date	Stress	days in month	STORAGE	Mountain Front Recharge	GW Flux from East Las Posas	ET	Recharge	Pumping from Wells	Pleasant Valley Semi-Perched Aquifer	Oxnard UAS	Los Posas	Pleasant Valley LAS	Arroyo Las Posas Percolation	Conejo Creek Percolation	Calleguas Creek percolation	
9/30/2010	9404	30	515.1	0.0	161.3	-143.4	38.4	-590.6	858.7	-294.3	-60.7	-908.6	199.3	224.8	0.0	
10/31/2010	9435	31	-99.7	225.4	167.6	-136.2	91.0	-371.5	680.3	-343.5	-72.1	-793.2	435.9	215.7	0.0	
11/30/2010	9465	30	335.6	1.1	161.6	-97.0	26.2	-530.0	782.5	-291.7	-79.4	-757.7	275.5	173.2	0.0	
12/31/2010	9496	31	-1505.8	1081.3	181.6	-83.7	346.5	-284.1	638.2	-346.4	-97.9	-795.4	803.9	61.7	0.0	
1/31/2011	9527	31	223.1	0.0	178.8	-94.6	33.6	-329.7	590.5	-332.7	-110.0	-736.1	457.5	119.7	0.0	
2/28/2011	9555	28	-692.5	295.8	164.0	-93.8	111.5	-227.2	666.4	-284.4	-103.7	-609.4	654.2	119.2	0.0	
3/31/2011	9586	31	-1336.0	723.3	191.1	-152.3	223.4	-203.6	621.7	-299.2	-129.5	-634.7	848.2	147.8	0.0	
4/30/2011	9616	30	103.9	0.0	180.3	-182.3	36.2	-292.1	537.5	-262.5	-128.5	-662.6	515.3	154.8	0.0	
5/31/2011	9647	31	143.1	0.0	181.1	-215.1	37.3	-321.9	610.8	-261.0	-124.4	-746.2	493.1	203.2	0.0	
6/30/2011	9677	30	346.7	0.0	170.7	-195.3	39.4	-330.6	616.6	-259.2	-108.7	-747.6	254.7	213.3	0.0	
7/31/2011	9708	31	418.8	0.0	171.8	-195.4	35.7	-384.8	681.5	-258.4	-94.1	-790.0	183.2	231.7	0.0	
8/31/2011	9739	31	448.2	0.0	167.6	-185.6	35.9	-390.3	687.2	-263.1	-76.7	-802.2	144.5	234.4	0.0	
9/30/2011	9769	30	435.9	0.0	159.3	-148.9	33.6	-386.8	681.0	-266.4	-61.9	-792.1	131.5	214.6	0.0	
10/31/2011	9800	31	149.9	3.7	165.2	-135.6	35.3	-374.8	687.1	-275.2	-70.0	-729.0	331.4	212.0	0.0	
11/30/2011	9830	30	-319.1	139.8	161.4	-101.1	74.9	-283.6	547.9	-253.1	-84.3	-651.6	586.7	182.1	0.0	
12/31/2011	9861	31	277.0	0.0	165.9	-84.2	29.4	-368.5	615.9	-246.3	-93.6	-746.0	285.9	164.4	0.0	
1/31/2012	9892	31	-9.2	96.1	165.2	-94.7	66.3	-278.8	542.6	-249.1	-96.9	-679.3	368.3	169.6	0.0	
2/29/2012	9921	29	415.1	0.0	153.1	-97.1	38.7	-349.5	573.7	-233.6	-83.4	-756.3	170.8	168.5	0.0	
3/31/2012	9952	31	-551.7	233.9	166.9	-147.3	101.2	-269.0	662.6	-258.3	-90.3	-708.5	655.6	204.9	0.0	
4/30/2012	9982	30	-323.8	111.7	162.5	-164.9	55.0	-244.8	549.5	-241.7	-100.5	-624.8	600.4	221.2	0.0	
5/31/2012	10013	31	483.1	0.0	164.3	-188.4	41.5	-348.6	586.6	-247.9	-91.5	-778.0	143.3	235.6	0.0	
6/30/2012	10043	30	531.4	0.0	156.1	-178.6	42.6	-368.8	618.6	-257.2	-67.8	-837.3	127.9	232.9	0.0	
7/31/2012	10074	31	490.9	0.0	159.7	-181.9	34.5	-568.6	779.1	-242.8	-61.1	-798.6	148.2	240.6	0.0	
8/31/2012	10105	31	485.1	0.0	157.5	-174.3	35.3	-606.8	851.7	-255.0	-56.6	-789.9	116.8	236.3	0.0	
9/30/2012	10135	30	465.8	0.0	150.1	-140.7	34.9	-621.0	887.8	-263.3	-49.1	-785.1	96.4	224.3	0.0	
10/31/2012	10166	31	455.8	0.0	153.8	-129.4	36.5	-649.5	951.5	-287.6	-47.1	-823.8	114.4	225.5	0.0	
11/30/2012	10196	30	417.3	2.6	148.3	-97.2	29.2	-542.6	849.1	-287.4	-45.4	-806.9	135.7	197.3	0.0	
12/31/2012	10227	31	105.2	132.3	155.5	-83.7	51.1	-433.5	735.4	-308.4	-61.0	-832.0	351.7	187.4	0.0	
1/31/2013	10258	31	167.0	60.4	156.5	-94.6	45.4	-417.8	731.6	-293.6	-79.4	-785.8	333.3	177.0	0.0	
2/28/2013	10286	28	420.7	0.0	139.5	-93.5	19.8	-499.6	732.7	-244.2	-69.1	-709.9	132.7	171.0	0.0	
3/31/2013	10317	31	257.5	0.0	155.3	-141.1	20.0	-474.8	769.6	-278.1	-77.6	-776.8	324.0	222.0	0.0	
4/30/2013	10347	30	435.6	0.0	148.2	-158.4	22.9	-530.6	790.3	-264.5	-71.1	-738.6	136.9	229.3	0.0	
5/31/2013	10378	31	492.0	0.0	148.6	-178.8	23.9	-555.7	838.7	-283.4	-56.7	-741.1	70.7	241.7	0.0	
6/30/2013	10408	30	484.2	0.0	138.2	-171.2	23.5	-554.5	832.3	-283.4	-41.1	-715.3	48.2	239.1	0.0	
7/31/2013	10439	31	590.9	0.0	134.4	-178.3	28.1	-741.4	997.5	-282.1	-30.9	-789.0	30.1	240.7	0.0	
8/31/2013	10470	31	610.2	0.0	129.0	-170.9	28.1	-775.2	1055.9	-289.3	-21.8	-827.3	28.3	233.3	0.0	
9/30/2013	10500	30	586.0	0.0	121.1	-137.7	28.0	-784.6	1073.5	-288.1	-15.3	-831.1	27.4	220.9	0.0	
10/31/2013	10531	31	590.2	0.0	122.9	-125.9	26.8	-815.5	1136.3	-309.9	-13.3	-871.4	31.4	228.3	0.0	
11/30/2013	10561	30	552.8	0.0	122.3	-96.2	24.3	-811.8	1130.2	-307.1	-12.1	-866.3	50.6	213.1	0.0	
12/31/2013	10592	31	604.0	0.0	118.9	-82.4	24.6	-835.7	1183.5	-326.8	-11.4	-896.5	24.6	197.2	0.0	
1/31/2014	10623	31	420.0	0.0	131.0	-92.3	28.2	-851.6	1220.5	-337.5	-13.8	-897.1	194.3	198.3	0.0	
2/28/2014	10651	28	55.8	268.8	116.3	-93.6	112.6	-478.7	868.1	-347.0	-14.0	-699.9	50.5	161.0	0.0	
3/31/2014	10682	31	-224.8	62.5	137.7	-143.5	45.8	-591.3	1000.7	-362.0	-28.0	-728.6	609.1	222.3	0.0	
4/30/2014	10712	30	133.6	0.0	137.1	-158.6	27.4	-772.4	1096.6	-318.4	-47.2	-816.5	498.6	219.9	0.0	
5/31/2014	10743	31	656.2	0.0	132.6	-180.0	31.2	-826.3	1179.8	-329.3	-42.0	-892.5	41.2	229.2	0.0	
6/30/2014	10773	30	651.3	0.0	121.9	-169.4	30.5	-835.4	1184.3	-321.4	-25.0	-897.8	36.3	224.8	0.0	
7/31/2014	10804	31	635.3	0.0	125.1	-176.7	28.7	-851.9	1242.8	-351.3	-18.3	-915.5	45.5	236.2	0.0	
8/31/2014	10835	31	653.4	0.0	121.4	-170.1	27.6	-832.4	1212.3	-358.6	-15.3	-906.9	36.3	232.4	0.0	
9/30/2014	10865	30	644.4	0.0	114.4	-136.3	26.2	-823.0	1181.1	-349.4	-12.6	-890.7	31.5	214.4	0.0	
10/31/2014	10896	31	652.9	0.0	118.3	-123.6	25.3	-845.6	1217.3	-363.3	-11.6	-928.4	38.7	219.9	0.0	
11/30/2014	10926	30	571.0	0.0	117.1	-94.8	20.0	-807.6	1168.7	-351.1	-10.8	-880.5	49.4	218.6	0.0	
12/31/2014	10957	31	-334.8	579.9	130.4	-83.7	188.3	-497.1	904.1	-411.4	-16.3	-858.9	230.0	169.8	0.0	
1/31/2015	10988	31	-140.6	134.0	136.0	-94.6	73.7	-386.0	840.7	-378.9	-34.2	-692.4	388.6	153.7	0.0	
2/28/2015	11016	28	111.3	0.0	125.9	-93.8	19.7	-511.3	843.4	-302.9	-47.5	-679.5	379.3	155.3	0.0	
3/31/2015	11047	31	469.5	16.2	127.2	-147.3	33.2	-470.6	901.8	-350.5	-43.5	-778.9	29.5	213.4	0.0	
4/30/2015	11077	30	526.1	0.0	116.8	-161.0	22.4	-557.1	916.5	-325.7	-24.9	-754.6	28.0	213.6	0.0	
5/31/2015	11108	31	521.3	0.0	123.0	-175.5	21.9	-589.3	966.4	-335.9	-18.6	-789.5	47.3	228.7	0.0	
6/30/2015	11138	30	526.9	0.0	112.8	-167.5	21.8	-589.5	959.7	-325.9	-14.5	-774.9	23.2	228.0	0.0	
7/31/2015	11169	31	495.6	0.0	113.0	-177.5	18.4	-635.7	1011.1	-338.0	-12.4	-743.0	21.5	247.0	0.0	
8/31/2015	11200	31	555.2	0.0	109.0	-168.7	23.2	-708.5	1068.0	-329.0	-11.2	-783.2	16.0	228.9	0.0	
9/30/2015	11230	30	548.1	0.0	102.4	-136.2	22.6	-712.0	1051.6	-312.0	-9.8	-793.3	13.7	225.0	0.0	
10/31/2015	11261	31	580.1	0.0	103.8	-122.0	22.4	-736.3	1089.3	-322.4	-9.4	-835.9	17.2	213.1	0.0	
11/30/2015	11291	30	540.9	0.0	100.6	-91.2	23.4	-729.4	1077.2	-311.6	-8.6	-826.9	24.4	201.3	0.0	
12/31/2015	11322	31	557.9	0.0	99.9	-81.7	23.9	-748.6	1114.7	-322.8	-8.6	-865.4	14.8	215.9	0.0	

Flow Budget for the LAS in Pleasant Valley

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet					
			STORAGE	RECHARGE	Pumping from Wells	Pleasant Valley UAS	Oxnard Basin	Las Posas
1/31/1985	31	31	-34.0	18.0	-445.1	429.3	30.8	1.0
2/28/1985	59	28	77.0	17.4	-411.8	277.3	31.1	9.0
3/31/1985	90	31	270.2	15.0	-619.1	308.0	3.0	22.8
4/30/1985	120	30	722.5	7.8	-1208.4	415.9	15.3	46.8
5/31/1985	151	31	549.2	8.0	-1155.8	503.5	22.4	72.7
6/30/1985	181	30	499.1	8.5	-1139.6	530.3	17.2	84.5
7/31/1985	212	31	459.1	8.3	-1086.6	558.1	-34.6	95.7
8/31/1985	243	31	437.4	8.1	-1061.5	572.1	-60.1	104.0
9/30/1985	273	30	439.1	8.0	-1055.3	572.5	-72.5	108.2
10/31/1985	304	31	381.2	7.6	-1026.7	605.1	-84.5	117.4
11/30/1985	334	30	-1003.1	73.5	148.2	750.0	-64.2	95.5
12/31/1985	365	31	250.5	8.9	-805.9	501.0	-32.9	78.4
1/31/1986	396	31	-1057.7	59.3	89.3	878.5	-28.8	59.5
2/28/1986	424	28	-1229.1	112.2	131.4	984.6	-17.6	18.5
3/31/1986	455	31	-1007.1	97.8	91.7	832.2	-4.9	-9.7
4/30/1986	485	30	270.6	13.9	-765.2	532.3	-34.1	-17.5
5/31/1986	516	31	501.0	8.3	-896.9	476.2	-89.5	0.8
6/30/1986	546	30	500.2	8.2	-873.7	474.4	-130.7	21.6
7/31/1986	577	31	577.1	8.8	-1050.2	480.5	-68.2	52.1
8/31/1986	608	31	450.2	7.7	-998.4	487.9	-24.1	76.7
9/30/1986	638	30	65.2	12.3	-644.5	482.9	2.2	81.9
10/31/1986	669	31	357.9	7.7	-979.1	517.0	9.5	87.0
11/30/1986	699	30	-465.3	23.2	-146.7	518.1	-4.0	74.6
12/31/1986	730	31	423.0	7.6	-1002.9	500.3	-0.2	72.3
1/31/1987	761	31	-285.1	22.1	-294.7	513.3	-29.8	74.1
2/28/1987	789	28	97.9	16.3	-606.3	445.4	-16.7	63.5
3/31/1987	820	31	-300.9	24.8	-262.6	480.2	-3.4	61.9
4/30/1987	850	30	908.0	8.8	-1432.5	514.6	-77.5	78.5
5/31/1987	881	31	681.4	8.4	-1331.4	611.6	-90.6	120.5
6/30/1987	911	30	613.4	8.8	-1295.3	638.7	-104.5	139.0
7/31/1987	942	31	398.6	10.5	-1123.9	702.7	-146.6	158.7
8/31/1987	973	31	401.5	10.5	-1114.9	724.9	-184.4	162.4
9/30/1987	1003	30	430.1	10.0	-1119.1	715.9	-197.8	160.9
10/31/1987	1034	31	-747.0	22.8	-178.9	912.8	-145.9	136.2
11/30/1987	1064	30	-656.9	32.9	-46.2	697.4	-114.5	87.2
12/31/1987	1095	31	-1116.9	40.6	-9.5	1102.4	-66.7	50.2
1/31/1988	1126	31	-814.1	34.7	-95.7	909.1	-46.8	12.7
2/29/1988	1155	29	-204.9	21.1	-355.7	600.5	-55.4	-5.7
3/31/1988	1186	31	586.4	8.6	-1154.2	666.2	-114.5	7.5
4/30/1988	1216	30	-511.4	29.1	-186.0	706.9	-49.7	11.0
5/31/1988	1247	31	556.6	9.0	-1136.2	667.2	-108.2	11.7

Flow Budget for the LAS in Pleasant Valley

Date	Stress	days in month	influx(+) outflux(-); units in Acre-feet					
			STORAGE	RECHARGE	Pumping from Wells	Pleasant Valley UAS	Oxnard Basin	Las Posas
6/30/1988	1277	30	582.3	8.8	-1096.7	596.1	-126.3	35.8
7/31/1988	1308	31	645.8	8.6	-1278.4	614.2	-56.3	66.0
8/31/1988	1339	31	522.5	8.6	-1239.8	649.8	-33.2	92.1
9/30/1988	1369	30	472.1	8.7	-1230.1	676.0	-31.4	104.7
10/31/1988	1400	31	403.0	8.6	-1192.5	696.6	-33.7	118.0
11/30/1988	1430	30	-294.7	14.6	-466.7	680.9	-35.9	101.9
12/31/1988	1461	31	-1355.0	66.3	129.2	1113.2	-11.4	57.7
1/31/1989	1492	31	352.0	7.5	-967.5	583.0	-17.4	42.5
2/28/1989	1520	28	-835.7	43.6	-27.4	790.5	4.9	24.0
3/31/1989	1551	31	138.5	9.6	-699.0	561.4	-25.1	14.6
4/30/1989	1581	30	527.1	8.4	-1063.3	536.2	-47.6	39.3
5/31/1989	1612	31	430.0	8.3	-1017.5	577.1	-60.5	62.7
6/30/1989	1642	30	426.2	8.4	-1011.0	570.4	-67.9	73.9
7/31/1989	1673	31	612.8	7.9	-1329.6	614.5	5.6	86.9
8/31/1989	1704	31	506.4	7.8	-1295.0	643.9	35.2	99.0
9/30/1989	1734	30	479.8	8.0	-1292.5	651.6	43.1	105.3
10/31/1989	1765	31	388.5	7.8	-1256.1	694.3	47.2	114.6
11/30/1989	1795	30	396.6	7.8	-1265.9	694.9	46.8	114.3
12/31/1989	1826	31	329.6	8.2	-1235.8	727.4	46.9	119.5
1/31/1990	1857	31	-983.4	26.8	-144.0	1011.4	-2.1	91.3
2/28/1990	1885	28	-714.0	24.4	-221.4	900.7	-34.3	44.6
3/31/1990	1916	31	649.5	8.4	-1277.0	650.7	-91.9	60.3
4/30/1990	1946	30	587.1	8.5	-1241.5	662.2	-108.0	91.7
5/31/1990	1977	31	354.6	7.6	-1073.2	720.7	-122.9	113.1
6/30/1990	2007	30	483.5	9.2	-1187.6	707.1	-130.4	118.2
7/31/1990	2038	31	211.6	9.2	-1006.2	737.5	-76.4	124.3
8/31/1990	2069	31	216.7	9.2	-1016.4	736.0	-66.9	121.5
9/30/1990	2099	30	263.9	9.1	-1039.4	715.0	-66.2	117.7
10/31/1990	2130	31	211.7	9.7	-1018.4	746.1	-70.2	121.1
11/30/1990	2160	30	-4.5	8.3	-731.8	725.3	-105.5	108.3
12/31/1990	2191	31	285.1	8.4	-1037.4	732.0	-98.4	110.3
1/31/1991	2222	31	-313.3	15.5	-546.2	767.2	-24.0	100.8
2/28/1991	2250	28	-902.4	27.7	-125.6	930.6	12.7	57.0
3/31/1991	2281	31	-2014.1	131.5	313.8	1528.7	31.2	9.0
4/30/1991	2311	30	556.8	7.1	-1231.0	607.1	54.9	5.0
5/31/1991	2342	31	435.9	7.6	-1154.2	605.4	64.0	41.3
6/30/1991	2372	30	398.2	7.2	-1139.5	610.2	64.2	59.8
7/31/1991	2403	31	271.8	7.4	-1076.5	647.8	71.0	78.4
8/31/1991	2434	31	231.9	7.4	-1058.9	662.6	67.1	89.1
9/30/1991	2464	30	249.8	7.6	-1068.6	653.9	59.5	93.8