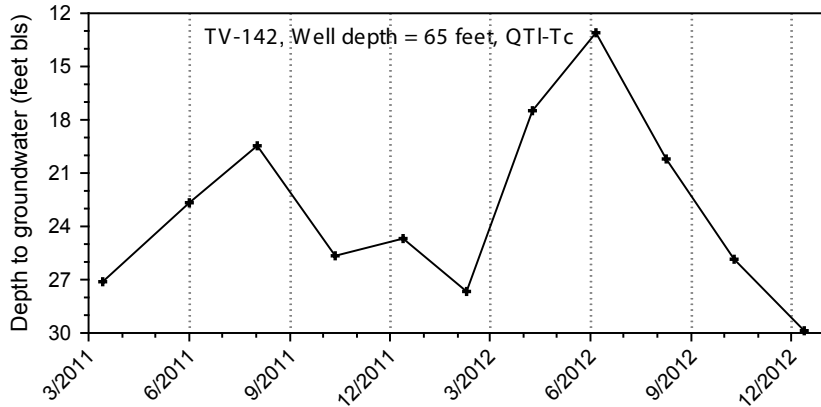
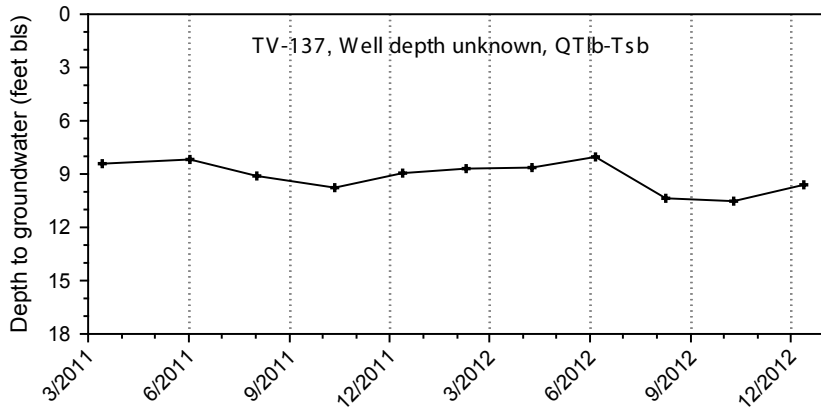
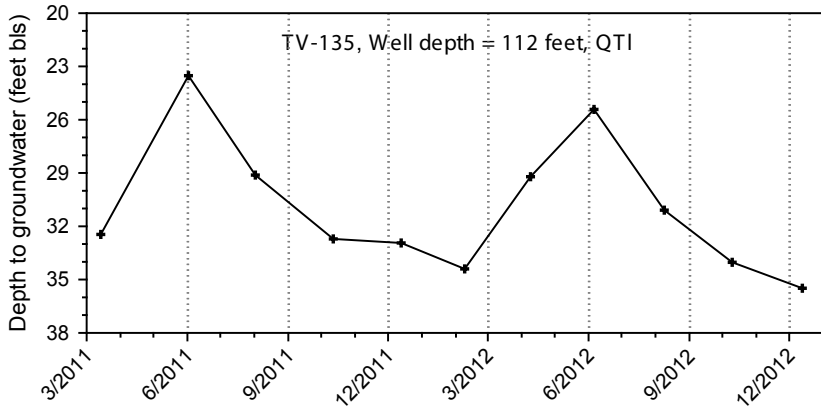


APPENDIX 2

Supplemental hydrographs and groundwater-level data for water-level changes and aquifer zones shown in report Figures 23, 24, and 25.

- 2.1 Seasonal fluctuations near the Rio Grande del Rancho and upper Rio Pueblo—stream, acequias and irrigated land
- 2.2 Seasonal fluctuations near the lower Rio Pueblo—stream-connected aquifer
- 2.3 Declining aquifer trend
- 2.4 Static water-level conditions—perched aquifer

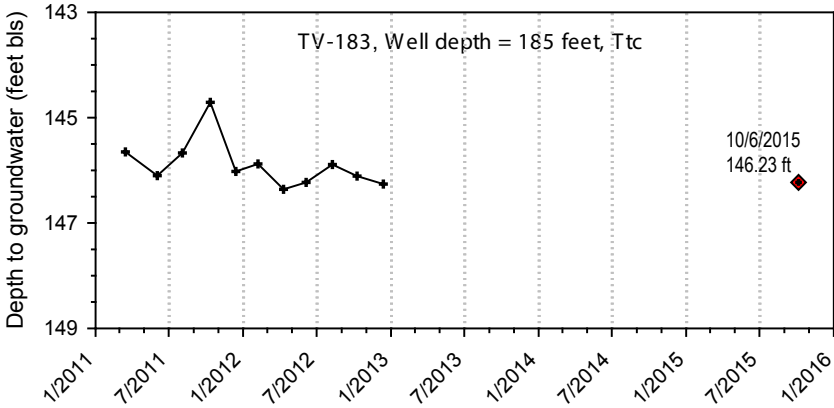
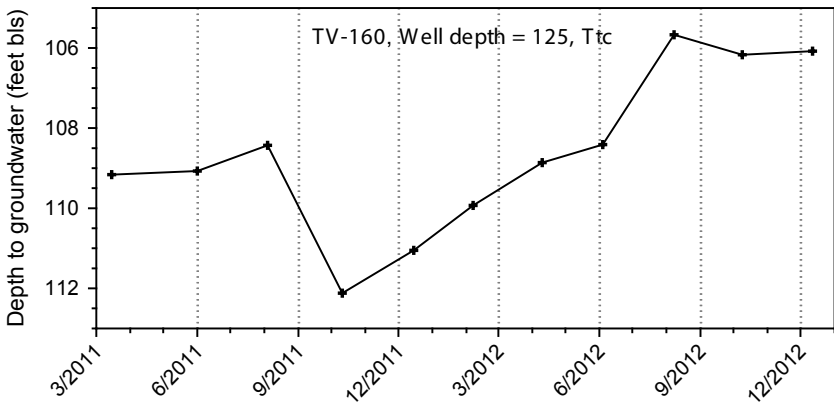
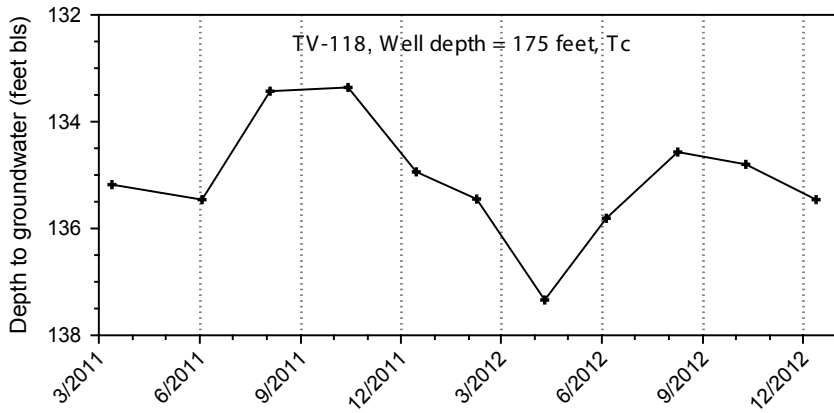
Appendix 2.1--Groundwater hydrographs showing seasonal water-level fluctuations east of the Rio Grande del Rancho (see report Fig. 25).



Appendix 2.1--Groundwater level data

Site ID	Date measured	Depth to water (ft bgs)	Water elevation (ft asl)
TV-135	3/14/2011	32.46	6842.64
TV-135	6/2/2011	23.52	6851.58
TV-135	8/2/2011	29.12	6845.98
TV-135	10/12/2011	32.71	6842.39
TV-135	12/13/2011	32.94	6842.16
TV-135	2/9/2012	34.40	6840.70
TV-135	4/9/2012	29.21	6845.89
TV-135	6/6/2012	25.42	6849.68
TV-135	8/9/2012	31.09	6844.01
TV-135	10/10/2012	34.03	6841.07
TV-135	12/13/2012	35.49	6839.61
TV-137	3/14/2011	8.42	6773.03
TV-137	6/2/2011	8.18	6773.27
TV-137	8/2/2011	9.11	6772.34
TV-137	10/12/2011	9.77	6771.68
TV-137	12/13/2011	8.95	6772.50
TV-137	2/9/2012	8.70	6772.75
TV-137	4/9/2012	8.64	6772.81
TV-137	6/6/2012	8.04	6773.41
TV-137	8/9/2012	10.37	6771.08
TV-137	10/10/2012	10.53	6770.92
TV-137	12/13/2012	9.61	6771.84
TV-142	3/14/2011	27.12	6859.32
TV-142	6/1/2011	22.67	6863.77
TV-142	8/2/2011	19.46	6866.98
TV-142	10/12/2011	25.66	6860.78
TV-142	12/13/2011	24.69	6861.75
TV-142	2/9/2012	27.67	6858.77
TV-142	4/9/2012	17.49	6868.95
TV-142	6/6/2012	13.10	6873.34
TV-142	8/9/2012	20.21	6866.23
TV-142	10/10/2012	25.85	6860.59
TV-142	12/13/2012	29.88	6856.56

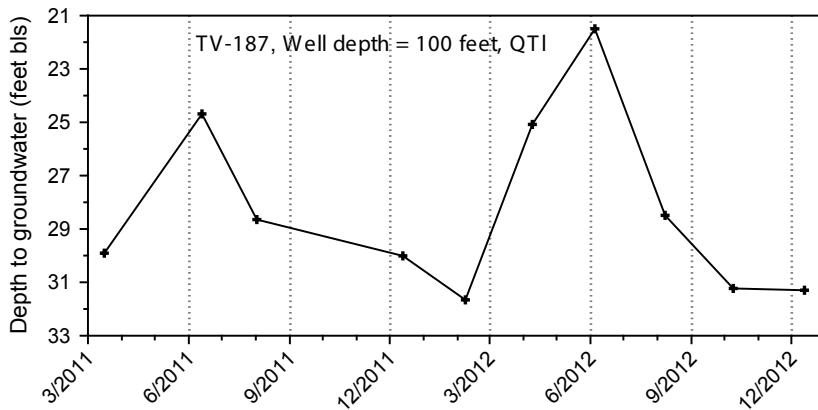
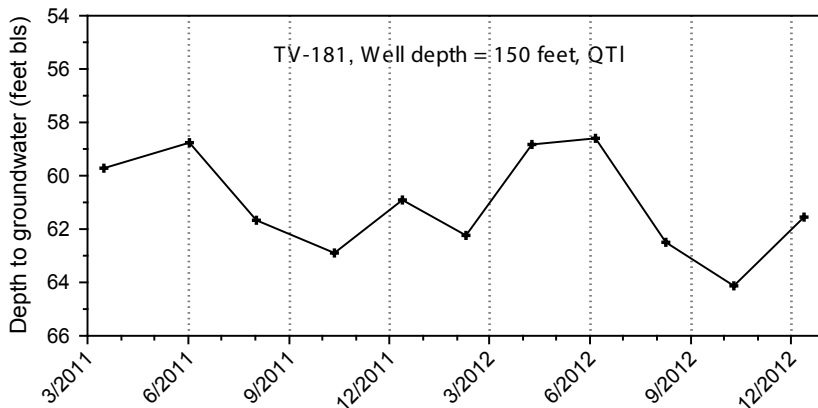
Appendix 2.1--Groundwater hydrographs showing seasonal water-level fluctuations in wells at the edge of irrigated lands, west of the Rio Grande del Rancho, near Llano Quemado (see report Fig. 25).



Appendix 2.1--Groundwater level data

Site ID	Date measured	Depth to water (ft bgs)	Water elevation (ft asl)
TV-118	3/13/2011	135.18	6842.49
TV-118	6/3/2011	135.46	6842.21
TV-118	8/4/2011	133.43	6844.24
TV-118	10/14/2011	133.36	6844.31
TV-118	12/15/2011	134.94	6842.73
TV-118	2/8/2012	135.45	6842.22
TV-118	4/10/2012	137.34	6840.33
TV-118	6/5/2012	135.81	6841.86
TV-118	8/9/2012	134.57	6843.10
TV-118	10/10/2012	134.80	6842.87
TV-118	12/13/2012	135.46	6842.21
TV-160	3/15/2011	109.16	6926.92
TV-160	6/1/2011	109.07	6927.01
TV-160	8/4/2011	108.43	6927.65
TV-160	10/11/2011	112.12	6923.96
TV-160	12/15/2011	111.05	6925.03
TV-160	2/7/2012	109.93	6926.15
TV-160	4/10/2012	108.86	6927.22
TV-160	6/4/2012	108.41	6927.67
TV-160	8/8/2012	105.67	6930.41
TV-160	10/9/2012	106.17	6929.91
TV-160	12/12/2012	106.08	6930.00
TV-183	3/16/2011	145.65	6911.37
TV-183	6/3/2011	146.10	6910.92
TV-183	8/4/2011	145.67	6911.35
TV-183	10/12/2011	144.71	6912.31
TV-183	12/14/2011	146.02	6911.00
TV-183	2/7/2012	145.88	6911.14
TV-183	4/10/2012	146.36	6910.66
TV-183	6/5/2012	146.23	6910.79
TV-183	8/9/2012	145.89	6911.13
TV-183	10/9/2012	146.11	6910.91
TV-183	12/13/2012	146.26	6910.76
TV-183	10/6/15	146.23	6910.79

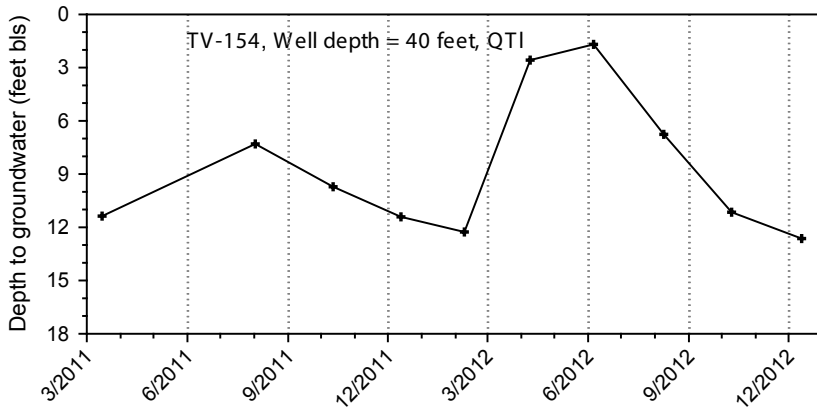
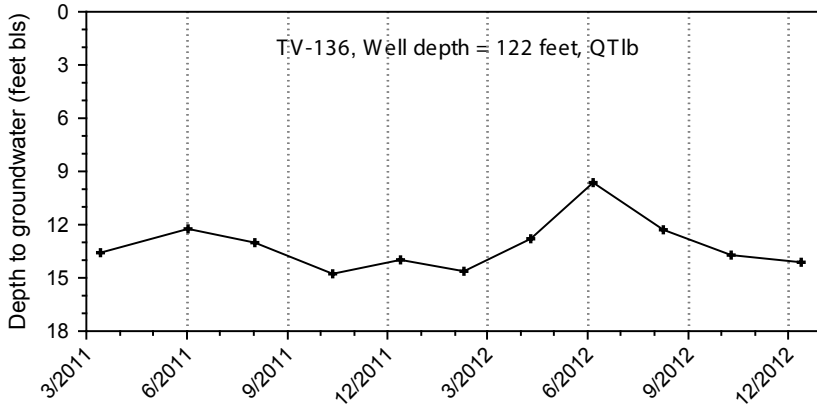
Appendix 2.1--Groundwater hydrographs showing seasonal fluctuations in wells at the western edge of irrigated lands near the Rio Grande del Rancho, south of Los Cordovas (see report Fig. 25).



Appendix 2.1--Groundwater level data

Site ID	Date measured	Depth to water (ft bgs)	Water elevation (ft asl)
TV-181	3/16/2011	59.72	6787.82
TV-181	6/2/2011	58.76	6788.78
TV-181	8/2/2011	61.67	6785.87
TV-181	10/12/2011	62.90	6784.64
TV-181	12/13/2011	60.91	6786.63
TV-181	2/9/2012	62.24	6785.30
TV-181	4/9/2012	58.83	6788.71
TV-181	6/6/2012	58.60	6788.94
TV-181	8/9/2012	62.50	6785.04
TV-181	10/10/2012	64.13	6783.41
TV-181	12/13/2012	61.55	6785.99
TV-187	3/16/2011	29.91	6776.22
TV-187	6/13/2011	24.69	6781.44
TV-187	8/2/2011	28.65	6777.48
TV-187	12/13/2011	30.01	6776.12
TV-187	2/8/2012	31.66	6774.47
TV-187	4/9/2012	25.08	6781.05
TV-187	6/5/2012	21.50	6784.63
TV-187	8/8/2012	28.49	6777.64
TV-187	10/9/2012	31.23	6774.90
TV-187	12/13/2012	31.30	6774.83

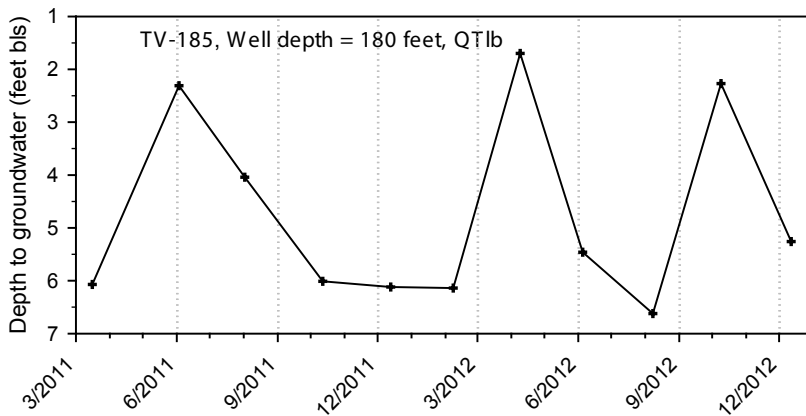
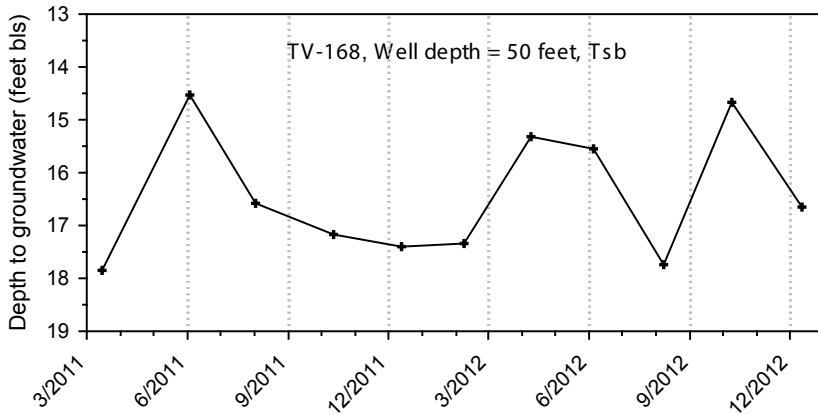
Appendix 2.1—Groundwater hydrographs showing seasonal water-level fluctuations near the upper Rio Pueblo west of Los Cordovas (see report Fig. 25).



Appendix 2.1--Groundwater level data

Site ID	Date measured	Depth to water (ft bgs)	Water elevation (ft asl)
TV-136	3/14/2011	13.58	6719.29
TV-136	6/2/2011	12.24	6720.63
TV-136	8/2/2011	13.02	6719.85
TV-136	10/12/2011	14.77	6718.10
TV-136	12/13/2011	13.99	6718.88
TV-136	2/9/2012	14.63	6718.24
TV-136	4/10/2012	12.80	6720.07
TV-136	6/6/2012	9.63	6723.24
TV-136	8/9/2012	12.29	6720.58
TV-136	10/10/2012	13.72	6719.15
TV-136	12/13/2012	14.12	6718.75
TV-154	3/15/2011	11.37	6748.84
TV-154	8/2/2011	7.30	6752.91
TV-154	10/12/2011	9.72	6750.49
TV-154	12/13/2011	11.41	6748.80
TV-154	2/9/2012	12.27	6747.94
TV-154	4/9/2012	2.58	6757.63
TV-154	6/6/2012	1.69	6758.52
TV-154	8/9/2012	6.76	6753.45
TV-154	10/10/2012	11.15	6749.06
TV-154	12/13/2012	12.64	6747.57

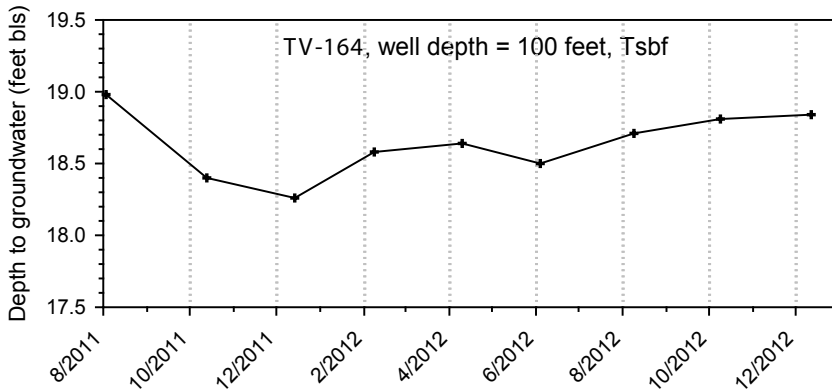
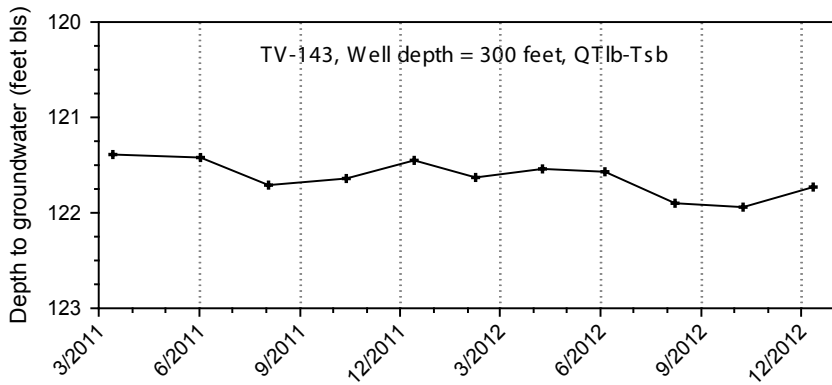
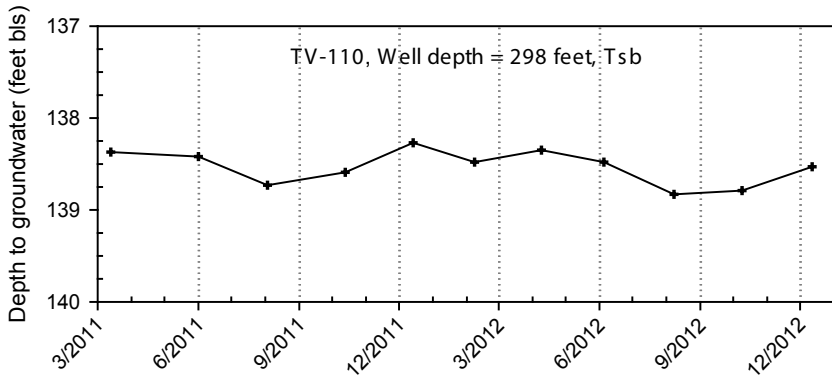
Appendix 2.1--Groundwater hydrographs showing seasonal water-level fluctuations adjacent to the upper Rio Pueblo northeast of Los Cordovas (see report Fig. 25).



Appendix 2.1--Groundwater level data

Site ID	Date measured	Depth to water (ft bgs)	Water elevation (ft asl)
TV-168	3/15/2011	17.85	6740.89
TV-168	6/3/2011	14.53	6744.21
TV-168	8/2/2011	16.58	6742.16
TV-168	10/12/2011	17.17	6741.57
TV-168	12/13/2011	17.40	6741.34
TV-168	2/8/2012	17.34	6741.40
TV-168	4/9/2012	15.32	6743.42
TV-168	6/5/2012	15.55	6743.19
TV-168	8/8/2012	17.74	6741.00
TV-168	10/9/2012	14.67	6744.07
TV-168	12/12/2012	16.65	6742.09
TV-185	3/16/2011	6.07	6738.99
TV-185	6/3/2011	2.31	6742.75
TV-185	8/2/2011	4.04	6741.02
TV-185	10/12/2011	6.01	6739.05
TV-185	12/13/2011	6.12	6738.94
TV-185	2/8/2012	6.14	6738.92
TV-185	4/9/2012	1.70	6743.36
TV-185	6/5/2012	5.46	6739.60
TV-185	8/8/2012	6.62	6738.44
TV-185	10/9/2012	2.27	6742.79
TV-185	12/12/2012	5.26	6739.80

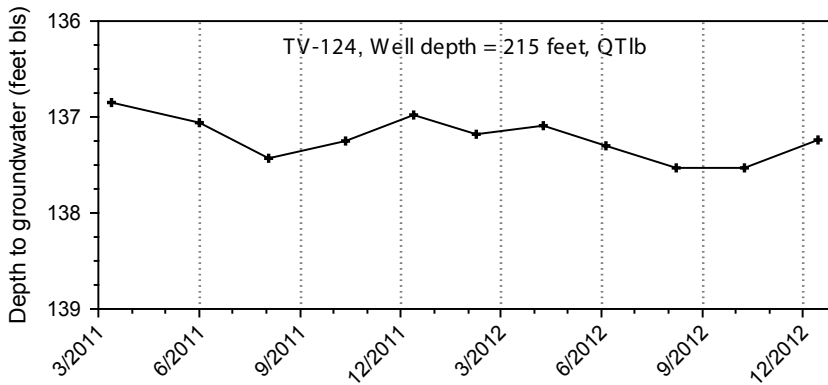
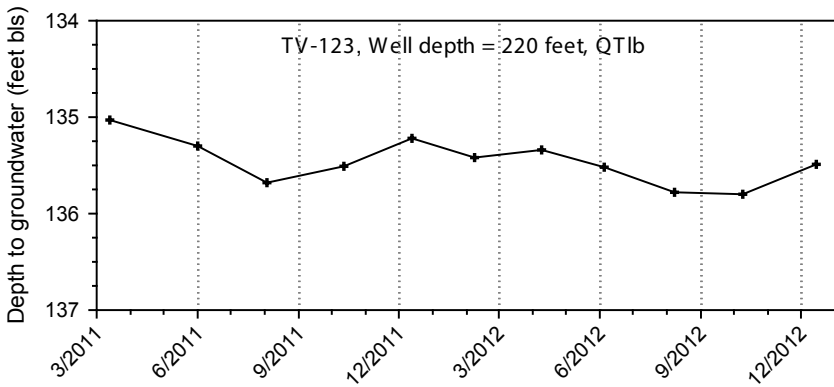
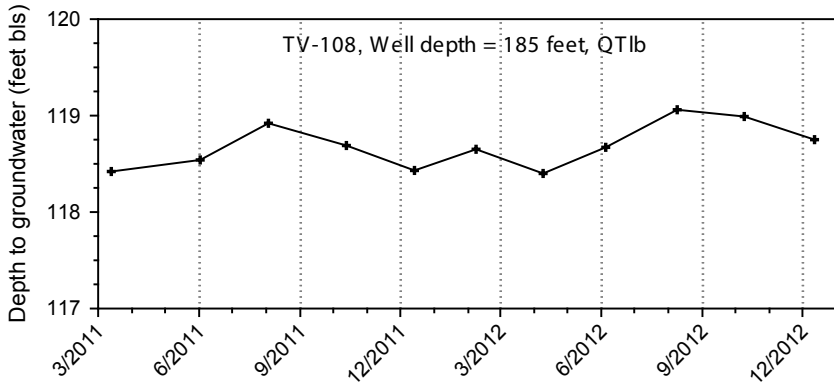
Appendix 2.2--Groundwater hydrographs showing irregular, low-amplitude, water-level changes adjacent to the lower Rio Pueblo (see report Fig. 25).



Appendix 2.1--Groundwater level data

Site ID	Date measured	Depth to water (ft bgs)	Water elevation (ft asl)
TV-110	3/13/2011	138.37	6621.94
TV-110	6/1/2011	138.42	6621.89
TV-110	8/3/2011	138.73	6621.58
TV-110	10/13/2011	138.59	6621.72
TV-110	12/14/2011	138.27	6622.04
TV-110	2/8/2012	138.48	6621.83
TV-110	4/9/2012	138.35	6621.96
TV-110	6/5/2012	138.48	6621.83
TV-110	8/8/2012	138.83	6621.48
TV-110	10/9/2012	138.79	6621.52
TV-110	12/12/2012	138.53	6621.78
TV-143	3/14/2011	121.39	6604.53
TV-143	6/2/2011	121.42	6604.50
TV-143	8/3/2011	121.71	6604.21
TV-143	10/13/2011	121.64	6604.28
TV-143	12/14/2011	121.45	6604.47
TV-143	2/8/2012	121.63	6604.29
TV-143	4/9/2012	121.54	6604.38
TV-143	6/5/2012	121.57	6604.35
TV-143	8/8/2012	121.90	6604.02
TV-143	10/9/2012	121.94	6603.98
TV-143	12/12/2012	121.73	6604.19
TV-164	8/3/2011	18.98	6666.51
TV-164	10/13/2011	18.40	6667.09
TV-164	12/14/2011	18.26	6667.23
TV-164	2/8/2012	18.58	6666.91
TV-164	4/10/2012	18.64	6666.85
TV-164	6/4/2012	18.50	6666.99
TV-164	8/9/2012	18.71	6666.78
TV-164	10/9/2012	18.81	6666.68
TV-164	12/12/2012	18.84	6666.65

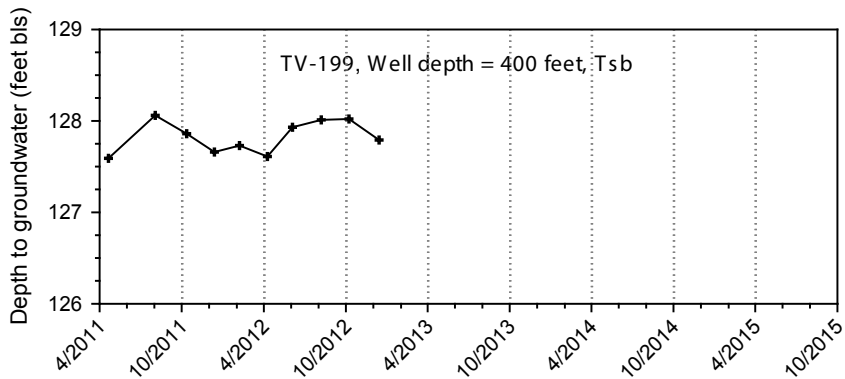
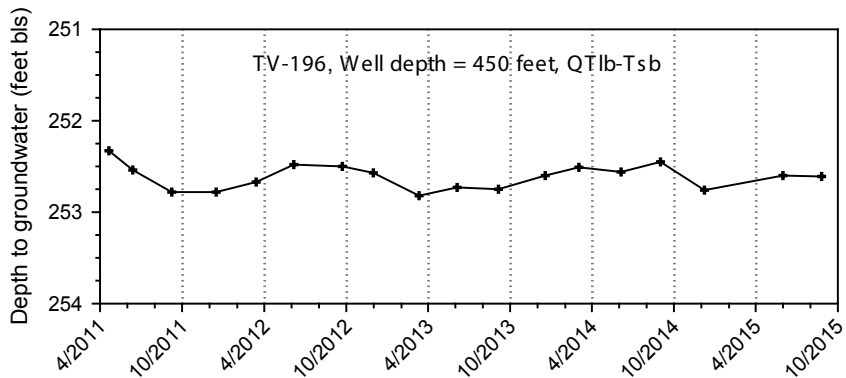
Appendix 2.2--Groundwater hydrographs showing irregular, low-amplitude, water-level changes adjacent to the lower Rio Pueblo (see report Fig. 25).



Appendix 2.1--Groundwater level data

Site ID	Date measured	Depth to water (ft bgs)	Water elevation (ft asl)
TV-108	3/13/2011	118.42	6612.62
TV-108	6/2/2011	118.54	6612.50
TV-108	8/3/2011	118.92	6612.12
TV-108	10/13/2011	118.69	6612.35
TV-108	12/14/2011	118.43	6612.61
TV-108	2/8/2012	118.65	6612.39
TV-108	4/9/2012	118.40	6612.64
TV-108	6/5/2012	118.67	6612.37
TV-108	8/9/2012	119.06	6611.98
TV-108	10/9/2012	118.99	6612.05
TV-108	12/12/2012	118.75	6612.29
TV-123	3/13/2011	135.03	6616.77
TV-123	6/1/2011	135.30	6616.50
TV-123	8/3/2011	135.68	6616.12
TV-123	10/12/2011	135.51	6616.29
TV-123	12/13/2011	135.22	6616.58
TV-123	2/8/2012	135.42	6616.38
TV-123	4/9/2012	135.34	6616.46
TV-123	6/5/2012	135.52	6616.28
TV-123	8/8/2012	135.78	6616.02
TV-123	10/9/2012	135.80	6616.00
TV-123	12/15/2012	135.49	6616.31
TV-124	3/13/2011	136.85	6611.86
TV-124	6/1/2011	137.06	6611.65
TV-124	8/3/2011	137.43	6611.28
TV-124	10/12/2011	137.25	6611.46
TV-124	12/13/2011	136.98	6611.73
TV-124	2/8/2012	137.18	6611.53
TV-124	4/9/2012	137.09	6611.62
TV-124	6/5/2012	137.30	6611.41
TV-124	8/8/2012	137.53	6611.18
TV-124	10/9/2012	137.53	6611.18
TV-124	12/15/2012	137.24	6611.47

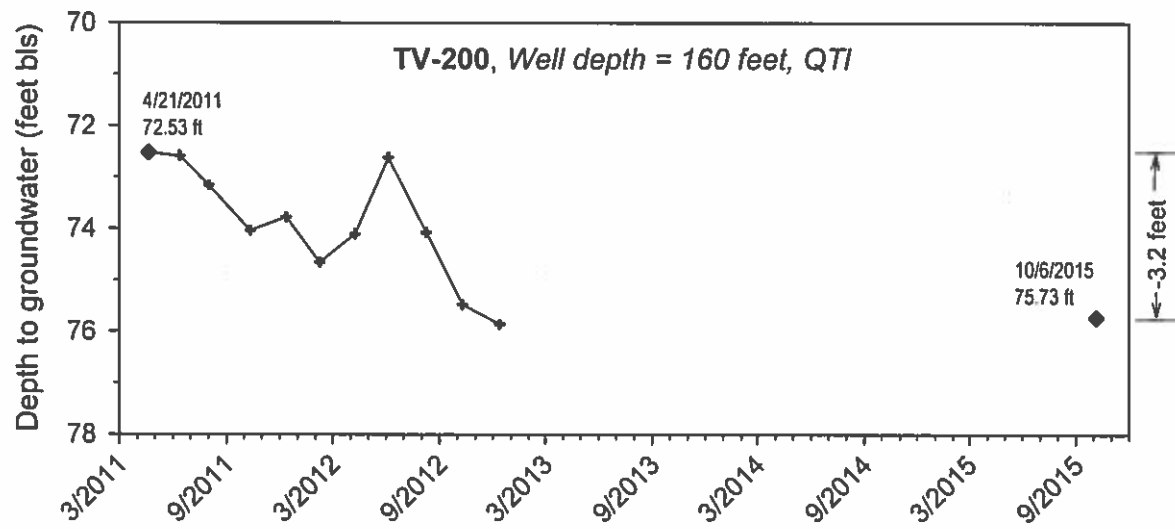
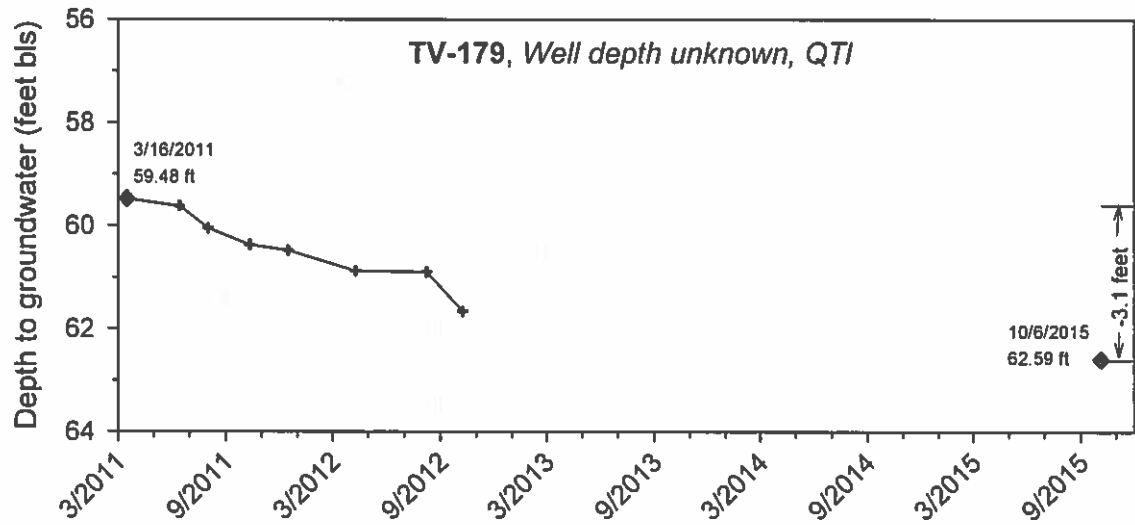
Appendix 2.2--Groundwater hydrographs showing irregular, low-amplitude, water-level changes adjacent to the lower Rio Pueblo (see report Fig. 25).



Appendix 2.1--Groundwater level data

Site ID	Date measured	Depth to water (ft bgs)	Water elevation (ft asl)
TV-196	4/21/2011	252.33	6440.21
TV-196	6/13/2011	252.54	6440.00
TV-196	9/8/2011	252.78	6439.76
TV-196	12/16/2011	252.78	6439.76
TV-196	3/14/2012	252.67	6439.87
TV-196	6/6/2012	252.48	6440.06
TV-196	9/22/2012	252.50	6440.04
TV-196	11/30/2012	252.57	6439.97
TV-196	3/12/2013	252.82	6439.72
TV-196	6/5/2013	252.73	6439.81
TV-196	9/5/2013	252.75	6439.79
TV-196	12/18/2013	252.60	6439.94
TV-196	3/3/2014	252.51	6440.03
TV-196	6/5/2014	252.56	6439.98
TV-196	9/1/2014	252.45	6440.09
TV-196	12/8/2014	252.76	6439.78
TV-196	6/1/2015	252.60	6439.94
TV-196	8/26/2015	252.61	6439.93
TV-199	4/21/11	127.59	6570.39
TV-199	8/3/2011	128.06	6569.92
TV-199	10/12/2011	127.86	6570.12
TV-199	12/13/2011	127.66	6570.32
TV-199	2/7/2012	127.73	6570.25
TV-199	4/9/2012	127.61	6570.37
TV-199	6/4/2012	127.93	6570.05
TV-199	8/7/2012	128.01	6569.97
TV-199	10/8/2012	128.02	6569.96
TV-199	12/14/2012	127.79	6570.19

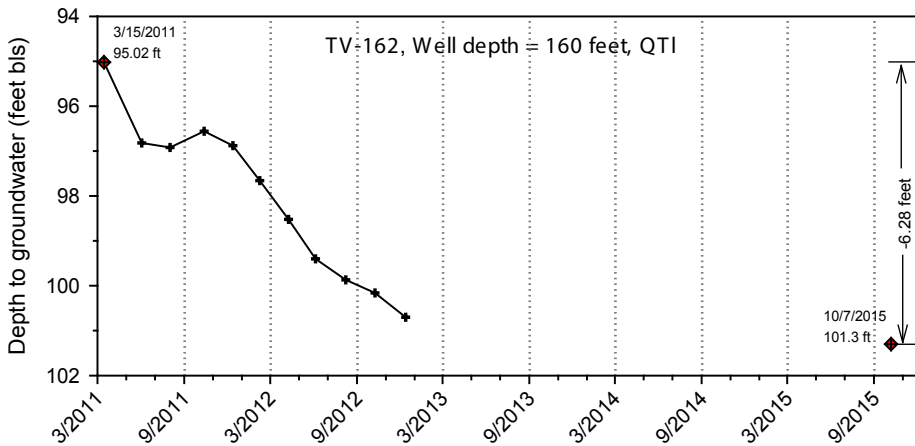
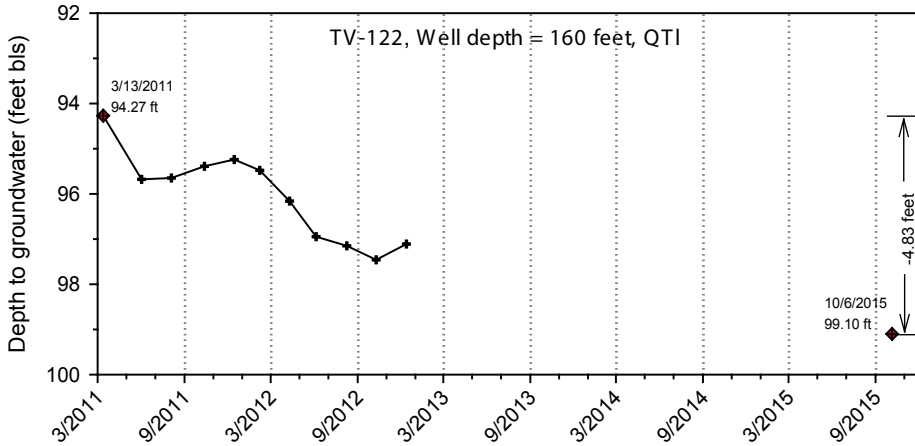
Appendix 2.3--Groundwater hydrographs showing a progressive decline, south of Los Cordovas and east of the golf course (see report Fig. 25).



Appendix 2.1--Groundwater level data

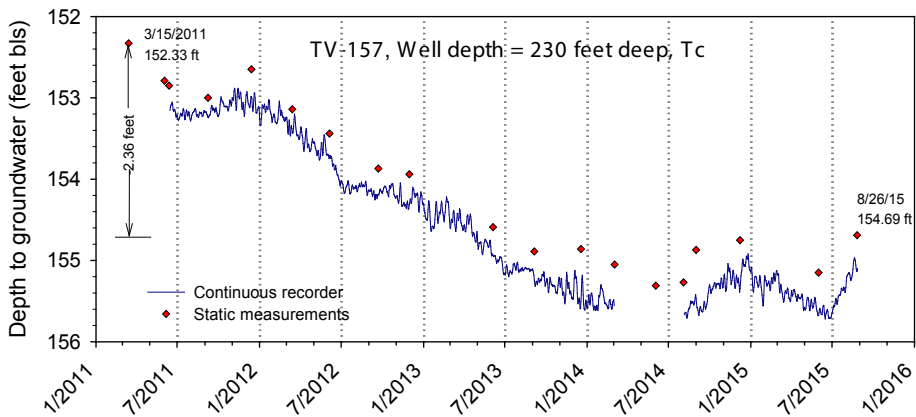
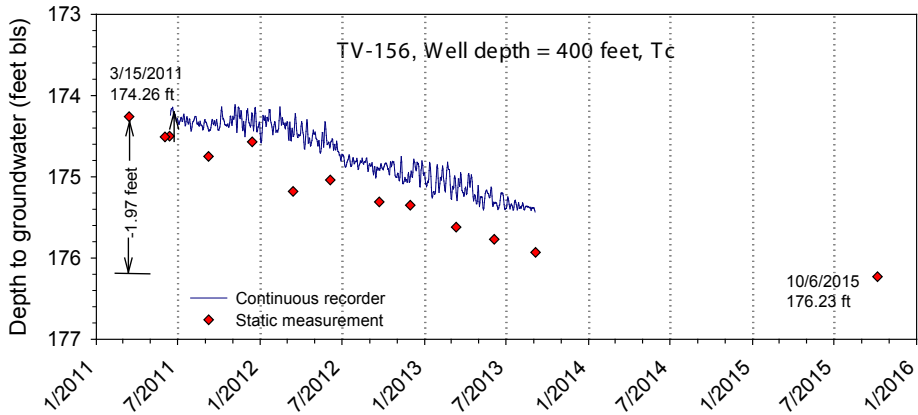
Site ID	Date measured	Depth to water (ft bgs)	Water elevation (ft asl)
TV-179	3/16/2011	59.48	6790.90
TV-179	6/14/2011	59.62	6790.76
TV-179	8/2/2011	60.05	6790.33
TV-179	10/12/2011	60.37	6790.01
TV-179	12/16/2011	60.48	6789.90
TV-179	4/9/2012	60.88	6789.50
TV-179	8/8/2012	60.90	6789.48
TV-179	10/9/2012	61.66	6788.72
TV-179	10/6/2015	62.59	6787.79
TV-200	4/21/2011	72.53	6782.66
TV-200	6/13/2011	72.59	6782.60
TV-200	8/2/2011	73.16	6782.03
TV-200	10/12/2011	74.04	6781.15
TV-200	12/13/2011	73.78	6781.41
TV-200	2/8/2012	74.66	6780.53
TV-200	4/9/2012	74.11	6781.08
TV-200	6/5/2012	72.62	6782.57
TV-200	8/9/2012	74.08	6781.11
TV-200	10/10/2012	75.48	6779.71
TV-200	12/13/2012	75.86	6779.33
TV-200	10/6/2015	75.73	6779.46

Appendix 2.3--Groundwater hydrographs showing a progressive decline, south of Los Cordovas and east of the golf course (see report Fig. 25).



Site ID	Date measured	Depth to water (ft bgs)	Water elevation (ft asl)
TV-122	3/13/2011	94.27	6787.83
TV-122	6/2/2011	95.68	6786.42
TV-122	8/4/2011	95.65	6786.45
TV-122	10/13/2011	95.39	6786.71
TV-122	12/15/2011	95.24	6786.86
TV-122	2/7/2012	95.48	6786.62
TV-122	4/10/2012	96.16	6785.94
TV-122	6/5/2012	96.95	6785.15
TV-122	8/9/2012	97.15	6784.95
TV-122	10/10/2012	97.46	6784.64
TV-122	12/13/2012	97.11	6784.99
TV-122	10/6/2015	99.10	6783.00
TV-162	3/15/2011	95.02	6792.26
TV-162	6/3/2011	96.82	6790.46
TV-162	8/2/2011	96.92	6790.36
TV-162	10/13/2011	96.56	6790.72
TV-162	12/13/2011	96.88	6790.40
TV-162	2/8/2012	97.66	6789.62
TV-162	4/9/2012	98.52	6788.76
TV-162	6/5/2012	99.40	6787.88
TV-162	8/8/2012	99.87	6787.41
TV-162	10/9/2012	100.16	6787.12
TV-162	12/13/2012	100.70	6786.58
TV-162	10/7/2015	101.30	6785.98

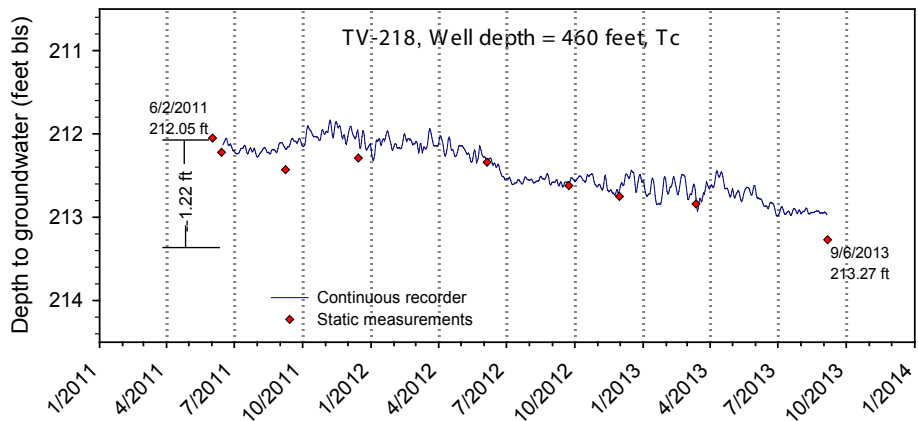
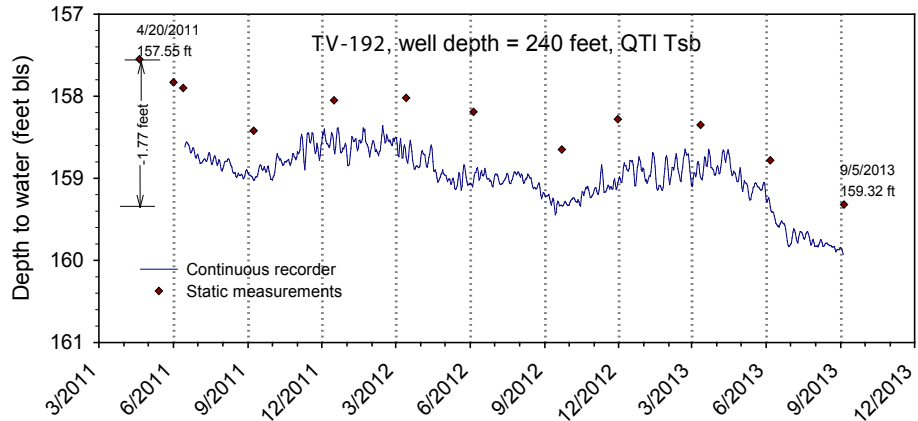
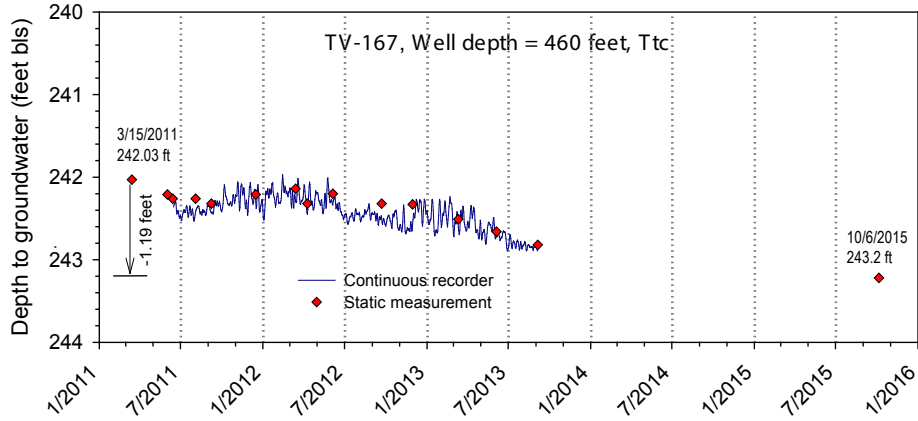
Appendix 2.3--Groundwater hydrographs showing a progressive decline, west of Llano Quemado, near county road 570 and highway 68 (see report Fig. 25).



Appendix 2.1--Groundwater level data

Site ID	Date measured	Depth to water (ft bgs)	Water elevation (ft asl)
TV-156	3/15/2011	174.26	6759.59
TV-156	6/3/2011	174.51	6759.34
TV-156	6/13/2011	174.50	6759.35
TV-156	9/8/2011	174.75	6759.10
TV-156	12/14/2011	174.57	6759.28
TV-156	3/14/2012	175.18	6758.67
TV-156	6/5/2012	175.04	6758.81
TV-156	9/22/2012	175.31	6758.54
TV-156	11/30/2012	175.35	6758.50
TV-156	3/12/2013	175.62	6758.23
TV-156	6/5/2013	175.77	6758.08
TV-156	9/5/2013	175.93	6757.92
TV-156	10/6/15	176.23	6757.62
TV-157	3/15/2011	152.33	6773.03
TV-157	6/3/2011	152.79	6772.57
TV-157	6/13/2011	152.85	6772.51
TV-157	9/8/2011	153.00	6772.36
TV-157	12/14/2011	152.65	6772.71
TV-157	3/14/2012	153.14	6772.22
TV-157	6/5/2012	153.44	6771.92
TV-157	9/22/2012	153.87	6771.49
TV-157	11/30/2012	153.94	6771.42
TV-157	6/5/2013	154.59	6770.77
TV-157	9/5/2013	154.89	6770.47
TV-157	12/18/2013	154.86	6770.50
TV-157	3/3/2014	155.05	6770.31
TV-157	6/3/2014	155.31	6770.05
TV-157	8/4/2014	155.27	6770.09
TV-157	9/1/2014	154.87	6770.49
TV-157	12/8/2014	154.75	6770.61
TV-157	6/1/2015	155.15	6770.21
TV-157	8/26/2015	154.69	6770.67

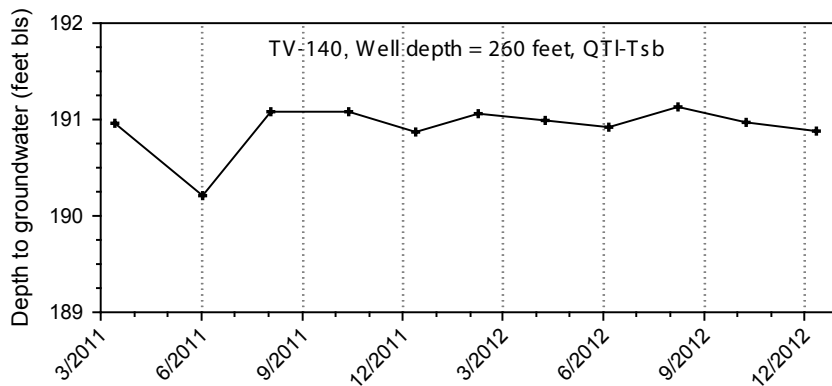
Appendix 2.3--Groundwater hydrographs near the zone of declining water levels, southwest of the golf course (see report Fig. 25).



Appendix 2.1--Groundwater level data

Site ID	Date measured	Depth to water (ft bgs)	Water elevation (ft asl)
TV-167	3/15/2011	242.03	6757.62
TV-167	6/2/2011	242.21	6757.44
TV-167	6/14/2011	242.26	6757.39
TV-167	8/4/2011	242.26	6757.39
TV-167	9/8/2011	242.32	6757.33
TV-167	12/16/2011	242.21	6757.44
TV-167	3/14/2012	242.14	6757.51
TV-167	4/9/2012	242.32	6757.33
TV-167	6/5/2012	242.20	6757.45
TV-167	9/22/2012	242.32	6757.33
TV-167	11/30/2012	242.33	6757.32
TV-167	3/12/2013	242.51	6757.14
TV-167	6/5/2013	242.66	6756.99
TV-167	9/5/2013	242.82	6756.83
TV-167	10/6/2015	243.22	6756.43
TV-192	4/20/2011	157.55	6683.71
TV-192	6/1/2011	157.83	6683.43
TV-192	6/13/2011	157.90	6683.36
TV-192	9/8/2011	158.42	6682.84
TV-192	12/16/2011	158.05	6683.21
TV-192	3/14/2012	158.02	6683.24
TV-192	6/5/2012	158.19	6683.07
TV-192	9/22/2012	158.65	6682.61
TV-192	11/30/2012	158.28	6682.98
TV-192	3/12/2013	158.35	6682.91
TV-192	6/6/2013	158.78	6682.48
TV-192	9/5/2013	159.32	6681.94
TV-218	6/2/2011	212.05	6653.72
TV-218	6/14/2011	212.22	6654.47
TV-218	9/8/2011	212.43	6653.60
TV-218	12/15/2011	212.29	6653.60
TV-218	6/5/2012	212.34	6653.81
TV-218	9/23/2012	212.62	6653.62
TV-218	11/30/2012	212.75	6653.69
TV-218	3/13/2013	212.84	6653.76
TV-218	9/6/2013	213.27	6653.55

Appendix 2.4--Groundwater hydrograph from the perched groundwater zone showing no significant change in water level (see report Fig. 25).



Appendix 2.1--Groundwater level data

Site ID	Date measured	Depth to water (ft bgs)	Water elevation (ft asl)
TV-140	3/14/2011	190.96	6653.72
TV-140	6/2/2011	190.21	6654.47
TV-140	8/3/2011	191.08	6653.60
TV-140	10/13/2011	191.08	6653.60
TV-140	12/13/2011	190.87	6653.81
TV-140	2/8/2012	191.06	6653.62
TV-140	4/9/2012	190.99	6653.69
TV-140	6/6/2012	190.92	6653.76
TV-140	8/8/2012	191.13	6653.55
TV-140	10/9/2012	190.97	6653.71
TV-140	12/12/2012	190.88	6653.80