

McMullen Valley Basin Index Well Data			As of 12-22-2017 J. Daly																													
Index			Depth to Water, feet										Change in Depth to Water																			
Well #	Location	Notes	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2017	2016	2015	2014	2013	2012	2011	2010	2009											
500248	3.5 mi ESE of Aguila	Relatively stable	688.1	686.8	684.3	679.4	687.3	676.6	678.2	671.5	672.5	668.2	-1.3	-2.5	-4.9	7.9	-10.7	1.6	-6.7	1.0	-4.3											
546173	WSW of Aguila (Gladden)	Stable	547.1	546.2	545.4	555.3	545.4	543.3	541.5	538.3	538.4	538.1	-0.9	-0.8	9.9	-9.9	-2.1	-1.8	-3.2	0.1	-0.3											
604129	In Aguila	Stable	577.6	574.4	578.1	574.1	578.6	573.9	577.5	566.5	568.4	567.0	-3.2	3.7	-4.0	4.5	-4.7	3.6	-11.0	1.9	-1.4											
604136	4 mi W. of Aguila	Stable		483.5			482.6																									
604150	6 mi W. of Aguila	Large fluctuations	382.6	376.5	372.0	379.4	384.6	374.0	362.1	360.9	361.8	360.9	-6.1	-4.5	7.4	5.2	-10.6	-11.9	-1.2	0.9	-0.9											
612679	S of Pete Rd @ 527th Ave	Stable	646.1	644.9	644.8	644.4	643.4	642.8	640.3	638.8	641.0	645.2	-1.2	-0.1	-0.4	-1.0	-0.6	-2.5	-1.5	2.2	4.2											
614493	Jackrabbit Wash	Stock tank, stable	258.2	no data	258.1	258.5	258.8	258.9	259.5	259.2	259.4	259.9	-0.1		0.4	0.3	0.1	0.6	-0.3	0.2	0.5											
614563	ENE of Aguila	Stable	411.1	409.7	411.3	411.1				411.0	411.5	417.8	-1.4	1.6	-0.2		0.0	0.0		0.5	6.3											
614567	NW of Aguila	Relatively stable	557.7	557.2	546.7	551.9	552.7	552.5	550.5	549.7	549.9	548.3	-0.5	-10.5	5.2	0.8	-0.2	-2.0	-0.8	0.2	-1.6											
640729	N of Aguila	Pumping 2015 / 2016	574.2	577.4	565.0		556.2	496.1	559.3	559.2	558.5	563.7	3.2	-12.4			-60.1	63.2	-0.1	-0.7	5.2											
647309	9 mi W of Aguila, Hwy 60	Pumping 2016 / 2017	490.1	487.9	487.9	488.2	487.8	487.2	492.9	492.6	490.5	487.9	-2.2	0.0	0.3	-0.4	-0.6	5.7	-0.3	-2.1	-2.6											
807721	E of Aguila	Dropping very slowly	636.9	635.1	634.2	632.9	631.5	630.7	629.6	628.7	627.6	626.0	-1.8	-0.9	-1.3	-1.4	-0.8	-1.1	-0.9	-1.1	-1.6											
<b>Notes:</b>																																
These are the index wells in our area that I'm now tracking, in order to see the effects of the farm pumping in this area.												2016 well measurement dates: Oct - Jan																				
Normally, well sweeps in this area (measurement of depth to water) is done at the end of the year.												2017 well measurement dates: Oct 23-30																				
Two of the wells are not measured every year, hence the missing data. The 640729 readings for 2012/13 look like possible errors.																																
Some wells are in use, most are not. But all are useful to measure depth to the aquifer level in that area.																																
The McMullen Valley Basin stretches from just east of Forepaugh to just west of Salome.																																
In 2004, the aquifer was estimated to contain approx 15.1 million acre-feet, with an annual recharge of 1000 acre-feet.																																
The recent estimates of annual water usage (done by the USGS) in the McMullen Valley has been: Agricultural: 47,000 a-f, Domestic: 300 a-f.																																
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