McMullen Valley Basin - Index Well Data						As o	f 2-3-20	19 J. D.	aly														
Index			Depth to Water, feet									Change in Depth to Water											
Well #	Location	Notes	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009
500248	3.5 mi ESE of Aguila	Dropping slowly	690.6	688.1	686.8	684.3	679.4	687.3	676.6	678.2	671.5	672.5	668.2	-2.5	-1.3	-2.5	-4.9	7.9	-10.7	1.6	-6.7	1.0	-4.3
546173	WSW of Aguila (Gladden)	Dropping very slowly	548.3	547.1	546.2	545.4	555.3	545.4	543.3	541.5	538.3	538.4	538.1	-1.2	-0.9	-0.8	9.9	-9.9	-2.1	-1.8	-3.2	0.1	-0.3
604129	In Aguila	Stable / Rising	575.8	577.6	574.4	578.1	574.1	578.6	573.9	577.5	566.5	568.4	567.0	1.8	-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 (sporatic data)			483.5			482.6								-0.9							
604150	6 mi W. of Aguila	Large fluctuations	378.0	382.6	376.5	372.0	379.4	384.6	374.0	362.1	360.9	361.8	360.9	4.6	-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	646.3	646.1	644.9	644.8	644.4	643.4	642.8	640.3	638.8	641.0	645.2	-0.2	-1.2	-0.1	-0.4	-1.0	-0.6	-2.5	-1.5	2.2	4.2
614493	Jackrabbit Wash	Stock tank, stable	258.3	258.2	no data	258.1	258.5	258.8	258.9	259.5	259.2	259.4	259.9	-0.1	-0.1		0.4	0.3	0.1	0.6	-0.3	0.2	0.5
614563	12 mi ENE of Aguila	Stable / Rising	410.9	411.1	409.7	411.3	411.1				411.0	411.5	417.8	0.2	-1.4	1.6	-0.2	0.1				0.5	6.3
614567	NW of Aguila	Relatively stable	559.0	557.7	557.2	546.7	551.9	552.7	552.5	550.5	549.7	549.9	548.3	-1.3	-0.5	-10.5	5.2	0.8	-0.2	-2.0	-0.8	0.2	-1.6
640729	N of Aguila	Pumping 2015 - 2018		574.2	577.4	565.0		556.2	496.1	559.3	559.2	558.5	563.7		3.2	-12.4	-8.8		-60.1	63.2	-0.1	-0.7	5.2
647309	9 mi E of Aguila, Hwy 60	Stable / Rising	487.8	490.1	487.9	487.9	488.2	487.8	487.2	492.9	492.6	490.5	487.9	2.3	-2.2	0.0	0.3	-0.4	-0.6	5.7	-0.3	-2.1	-2.6
807721	5 mi ENE of Aguila	Dropping very slowly	637.6	636.9	635.1	634.2	632.9	631.5	630.7	629.6	628.7	627.6	626.0	-0.7	-1.8	-0.9	-1.3	-1.4	-0.8	-1.1	-0.9	-1.1	-1.6
													AVGs >	0.3	-1.4	-2.5	0.3	0.6	-9.0	5.5	-2.6	0.3	0.3
	Notes:																						
	These are the index wells in our area that I'm 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 a	area (measurement of dep	oth to wate	er) are do	ne near th	e end of t	the year.											2017 well measurement dates: Oct 23-30					
	Two of the wells are not meas	ured every year, hence th	e missing	data. Th	e 640729	readings	for 2012/	13 look lik	e possibl	e errors.								2018 well measurement dates: Oct 15-29					
	Some wells are in use, most are not. But all are utilized 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. Updated @ 5-yr intervals, next is in 2020.																						
	I have added individual well history / comments on page 2.																						
	2/3/19 jd																						
																			ΑC	WR Index	Well Data	updated	1 2.3.19