

MINUTES
GMD 4 LEMA Advisory Committee Meeting
April 10th, 2019
1:30 PM @ GMD 4 Office, Colby, KS

Those in attendance: Dan Stephens, Dave Wieland, Tyler Remington, Dwayne Kersenbrock, Bill Miller, Steven Walters, Lynn Goossen, & Shannon Kenyon

Those absent: Nathan Franklin, Justin Ruder, Mitchell Baalman, Dave Rietcheck, Jace Mossbarger & Michael Juenemann

1. Water Use Data

Shannon Kenyon distributed 2014-2018 water use data for the yellow and red townships only. Discussion was had on several of the townships and how since 2014 most of the townships have declined in their water use. Precipitation by county for 2014 through 2018 was also distributed with little correlation with the water use noted.

2. Water Table Information

The Interpolated Change in Feet, Cooperative Water Level Network map from KGS was reviewed. Many areas had a rise in the water table with a few areas having a small decline. A spreadsheet of the water level measurements taken in the GMD 4 LEMA area was distributed. The highest rise was 9.83 feet in Gove County with the largest drop of 4.38 feet in Sherman County.

3. Economic Data

Economic data is not available at this time as a proposed study is unknown.

4. Violations

Metering has been a large issue. DWR and GMD 4 are creating a list of approved alternate meters that was discussed. Currently on the list is the following: log books with pictures encouraged, energy records, pivot hour meter, subscription based loggers, and an

additional DWR approved meter. Producers within the GMD 4 LEMA are required to check their meters every two weeks. Those that have pumped all season with a broken meter will begin to receive fines from DWR in 2019. Other discussion was had on missing seals and meter accuracy if pumping air.

5. New and Preferable Enhancement Management Options
Not applicable at this time.

6. Other Items
Shannon noted that the appeals process is complete and gave an update on the two pending lawsuits.

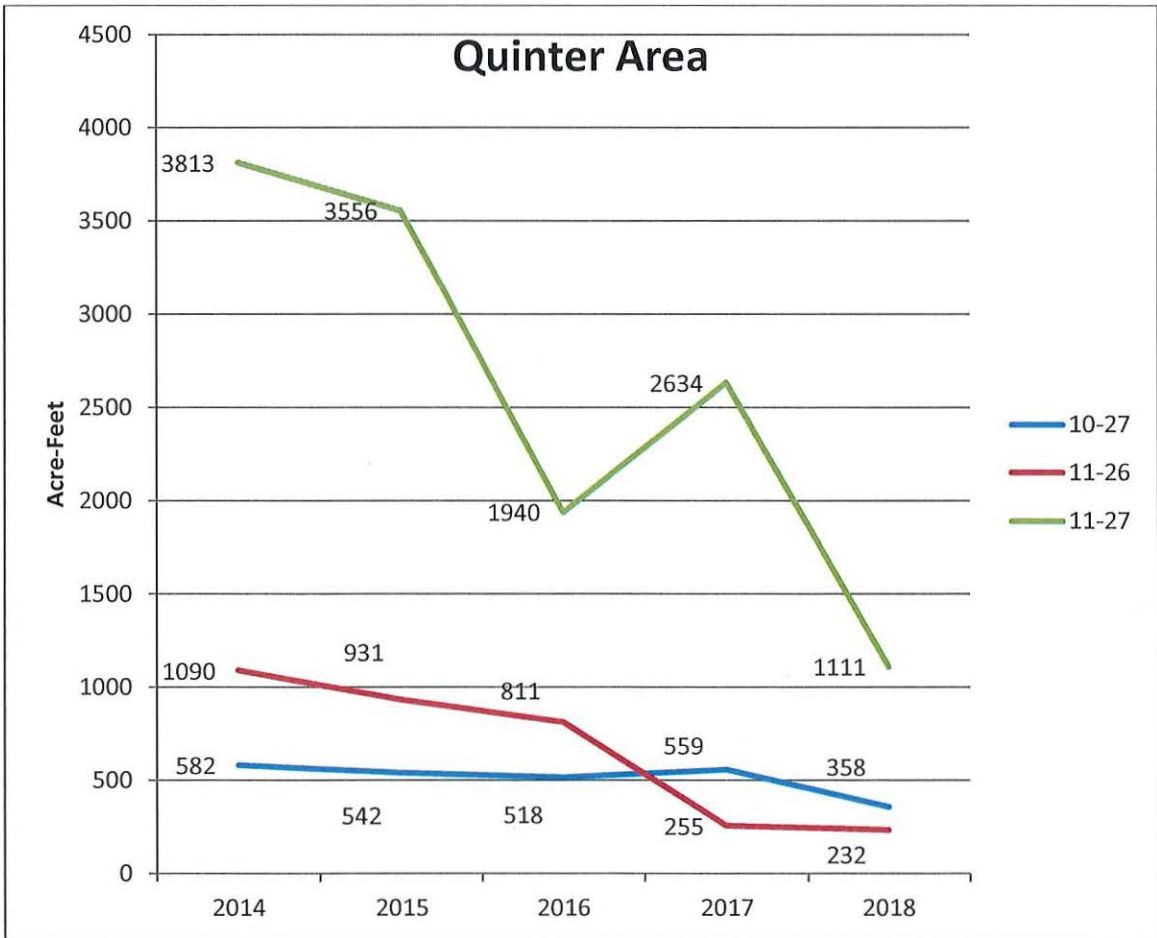
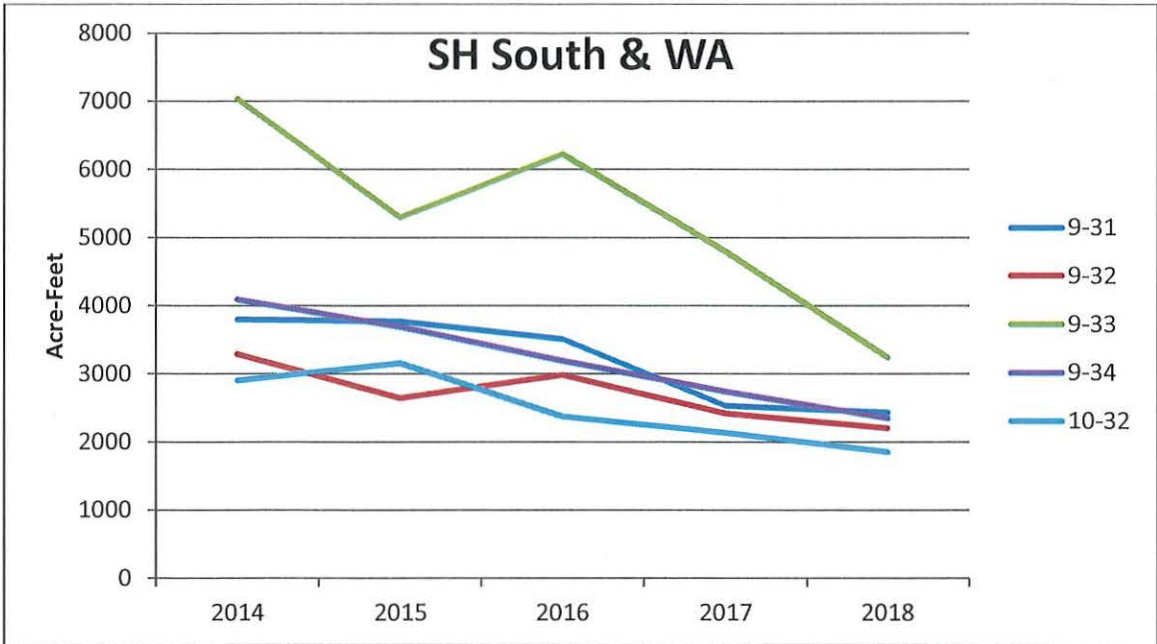
ANNUAL GMD 4 LEMA ADVISORY COMMITTEE MEETING
1:30 CDT
Wednesday, April 10, 2019

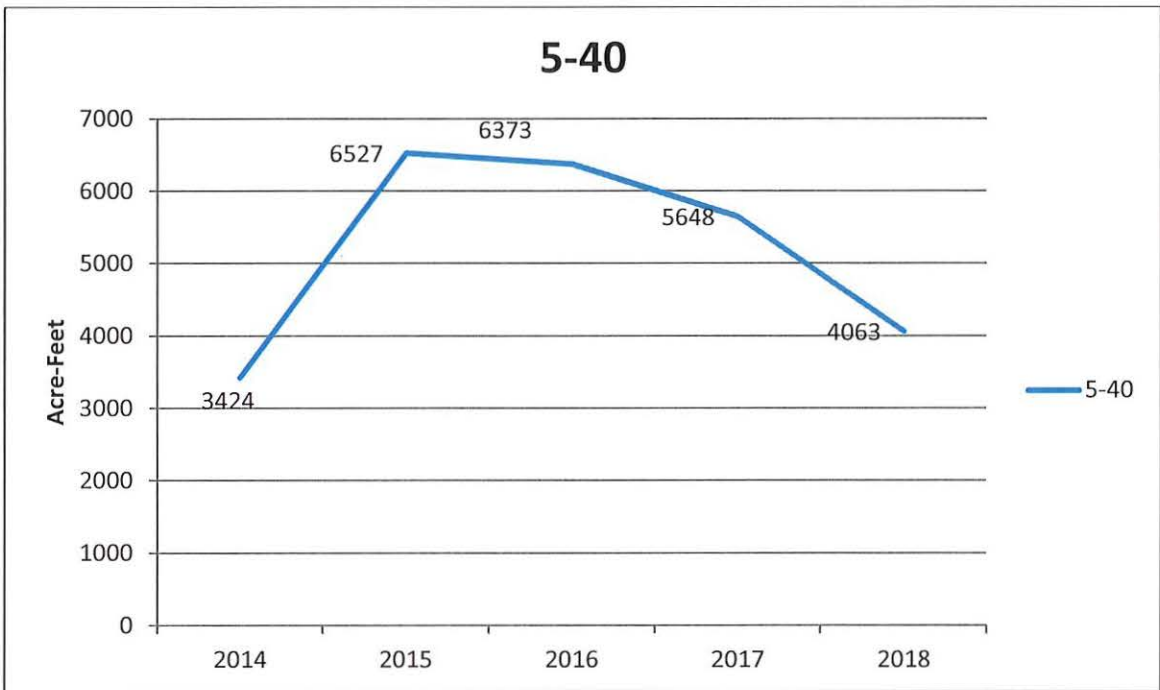
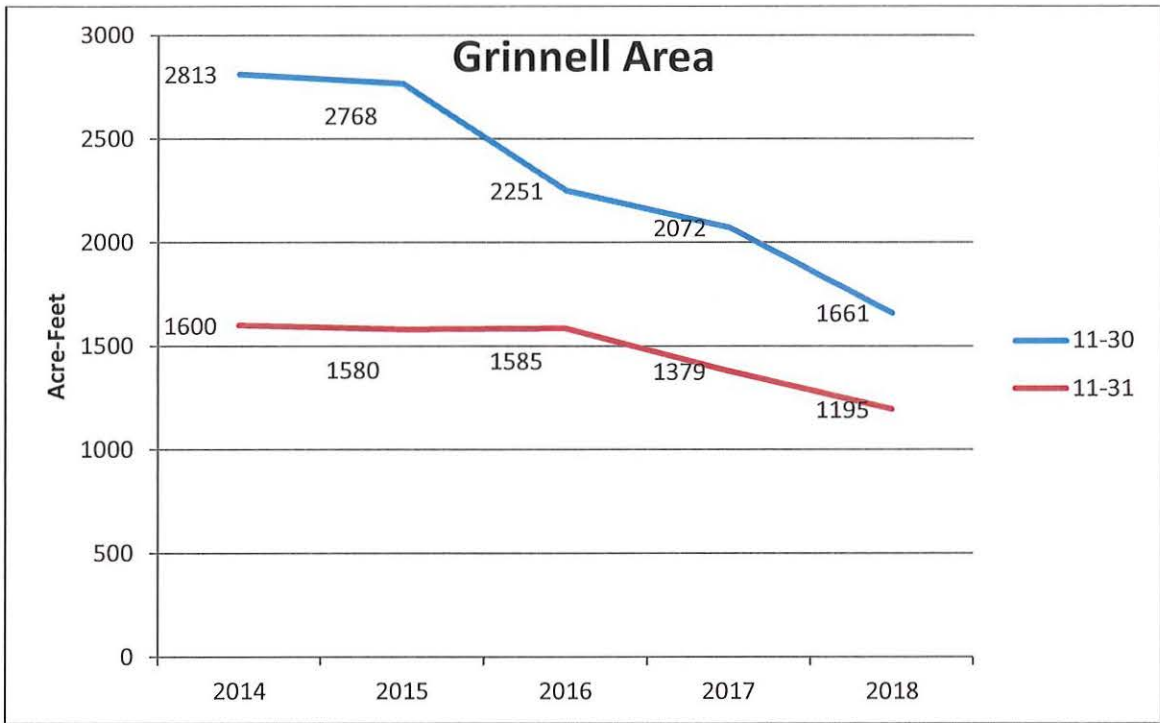
GMD 4 Office

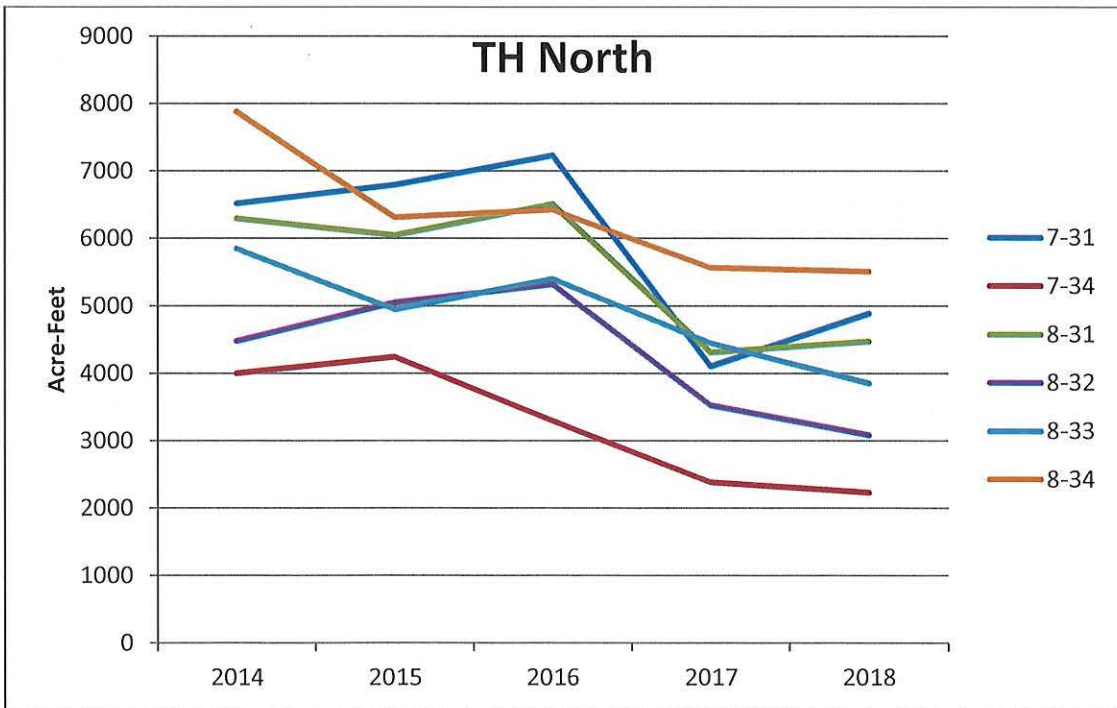
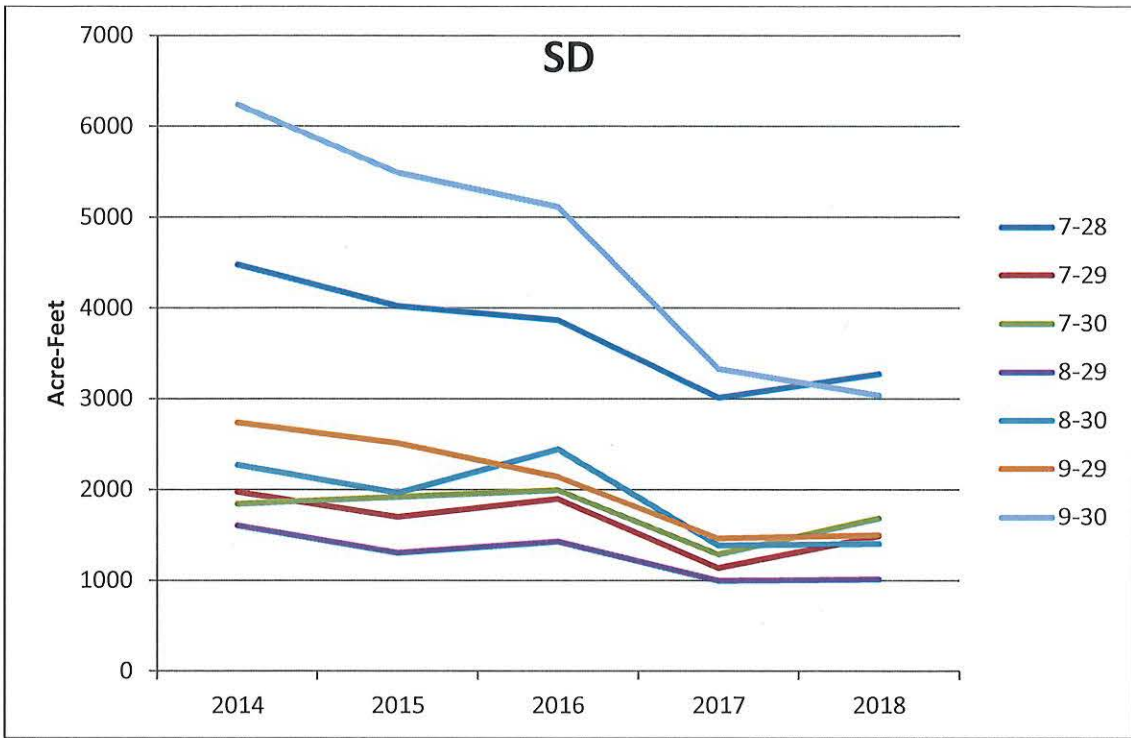
- i. Water use data
- ii. Water table information
- iii. Economic data
- iv. Violations, issues relating to violations, and metered data that relates to violations
- v. New and preferable enhancement management options
- vi. Other items
 - Alternative Metering
 - Appeals
 - Lawsuits Update

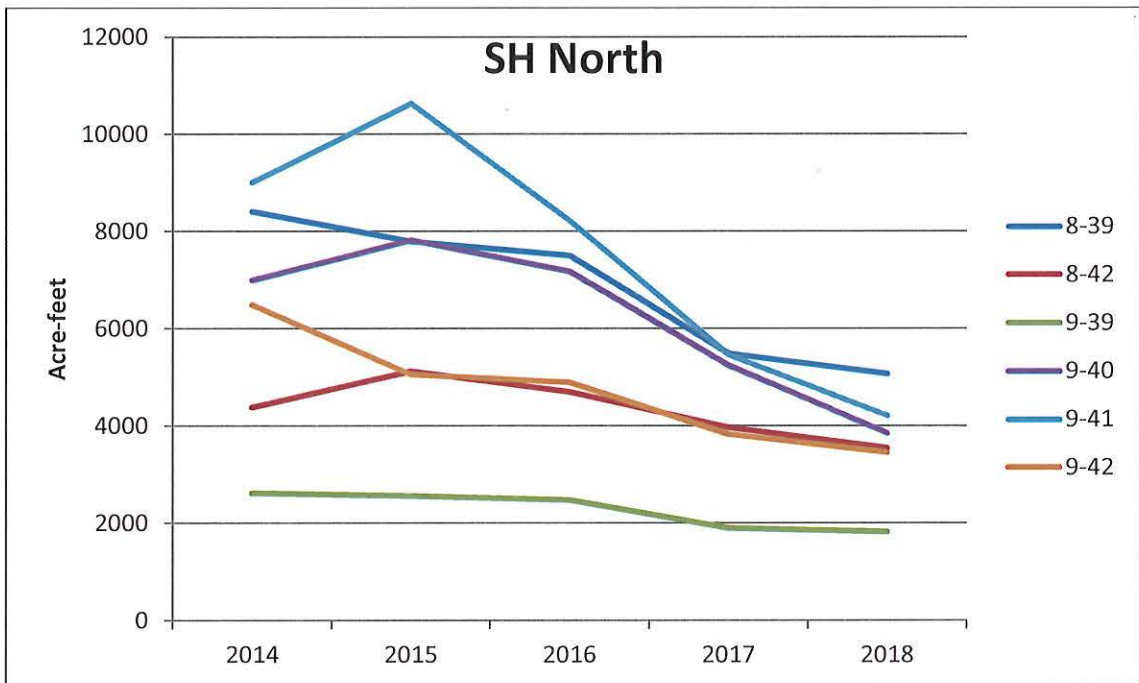
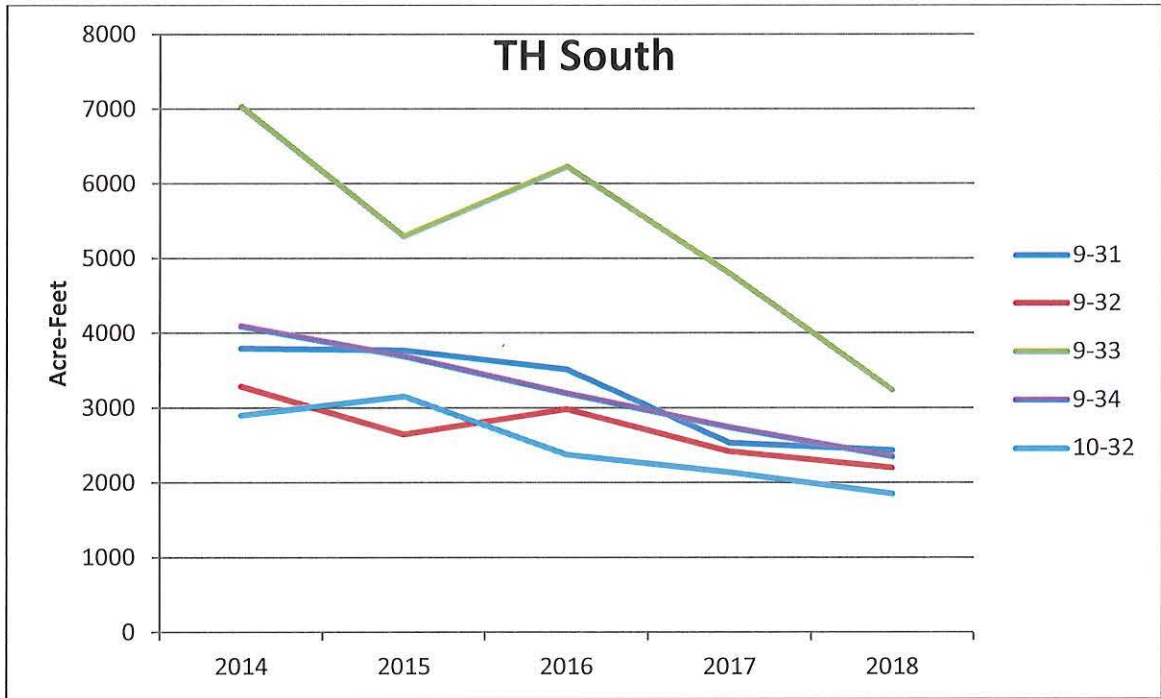
GMD 4 LEMA ADVISORY COMMITTEE

Last Name	First Name	County	Address	City	State	Zip	Contact	Other
Stephens	Dan	CN	630 Rd 15	St. Francis	KS	67756	785-332-0145	
Franklin	Nathan	DC/RA	22074 Rd 23	Atwood	KS	67730	785-626-0065	
Wieland	Dave	LG	403 Converse Ave	Oakley	KS	67748	785-672-4745	785-672-2777
Ruder	Justin	GH	1176 240th Ave	WaKeeney	KS	67672	785-769-3030	
Remington	Tyler	GO	6698 Co Rd Z	Quinter	KS	67752	785-673-6198	
Baalman	Mitchell	SD	PO Box 295	Hoxie	KS	67740	785-675-8581	
Kersenbrock	Dwayne	SD	1890 S Rd 50 W	Hoxie	KS	67740	316-212-4783	
Rietcheck	Dave	SH/WA	1598 Rd 70	Goodland	KS	67735	785-821-2523	
Mosbarger	Jace	SH/WA	331 Cottonwood Rd	Goodland	KS	67735	785-821-1289	
Miller	Bill	TH	2 Lee Circle	Colby	KS	67701	785-462-0117	
Juenemann	Michael	TH	1006 Court Terrace	Colby	KS	67701	785-443-4013	
Walters	Steven	DWR	820 South Walnut	Stockton	KS	67669	785-425-6787	
Goossen	Lynn	GMD BD	1154 Co Rd 22	Colby	KS	67701	785-443-3152	
Kenyon	Shannon	GMD 4	1290 W 4th St	Colby	KS	67701	785-462-3915	

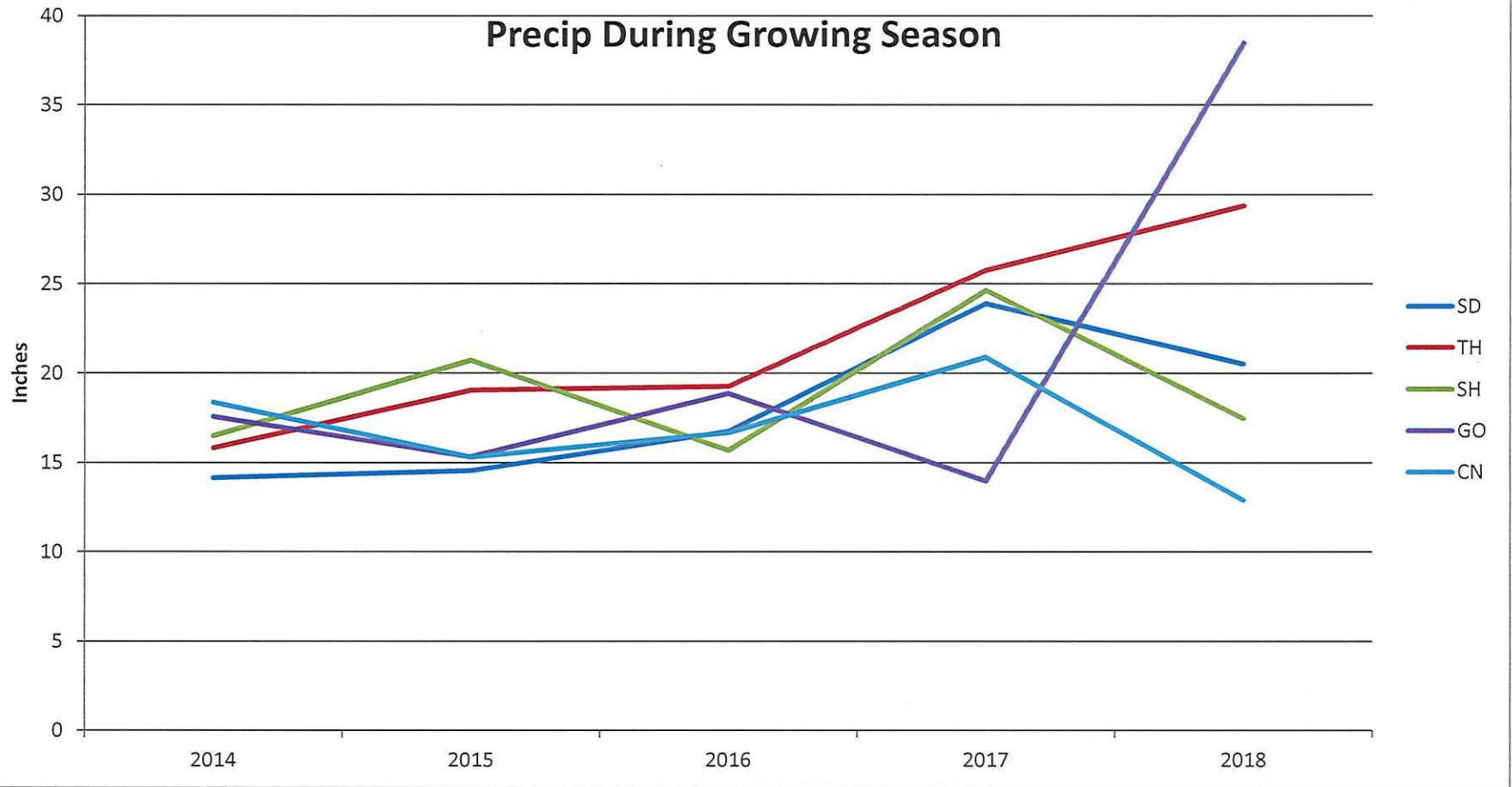




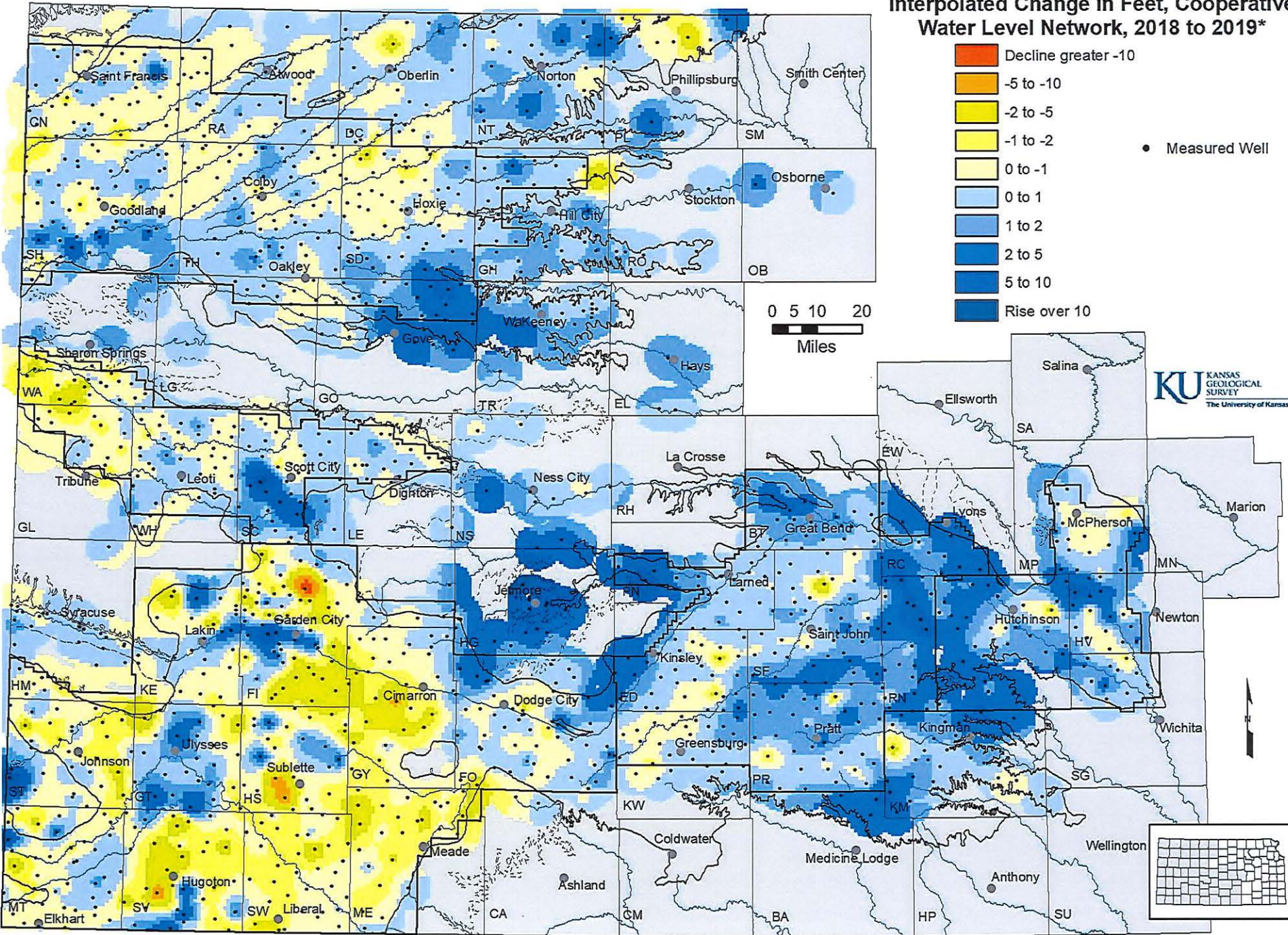




Precip During Growing Season



Interpolated Change in Feet, Cooperative Water Level Network, 2018 to 2019*



KU KANSAS GEOLOGICAL SURVEY
The University of Kansas

*Results are based only on the cooperative network (KGS and KDA-DWR) and do not include sub-regional networks from the KGS, KDA-DWR or local GMDs.

CTY	TWP	RNG	SEC	LEGAL	HPA	LEGAL 2	2015	2016	2017	2018	2019		
97	6	36W	11	06S36W11	0	06S 36W 11ACC 01	190.62	191.23	191.46	192.13	193.28	1.15	
97	6	36W	30	06S36W30	0	06S 36W 30DCB 01	177.79	178.61	179.26	179.36	180.26	0.9	
97	6	36W	34	06S36W34	0	06S 36W 34DDB 01	120.53	120.46	121.32	122.14	122.68	0.54	
91	6	37W	7	06S37W07	0	06S 37W 07BBA 01	15.18	14.80	15.4	15.59	15.8	0.21	
91	6	37W	16	06S37W16	0	06S 37W 16CDD 01	187.62	187.55	188.59	188.25	188.65	0.4	
91	6	37W	19	06S37W19	0	06S 37W 19ABB 01	173.19	173.63					
91	6	40W	10	06S40W10	0	06S 40W 10AAC 01	186.10	185.79	187.85	185.52	189.9	4.38	
91	6	40W	13	06S40W13	0	06S 40W 13CBC 01	167.80	170.72	175.98	169.7	170.35	0.65	
91	6	40W	30	06S40W30	0	06S 40W 30DCC 01	192.80	196.60	190.7	191.04			
91	6	41W	19	06S41W19	0	06S 41W 19DBD 01	209.75						
91	6	41W	27	06S41W27	0	06S 41W 27DBD 01	187.74	188.84	190.77	192.25	191.85	-0.4	X
91	6	42W	2	06S42W02	0	06S 42W 02AAA 01	216.11	217.10	218.46	217.62	220.67	3.05	
91	6	42W	22	06S42W22	0	06S 42W 22DCC 01	226.60	227.99	228.81	0	231.71	0	
91	6	42W	30	06S42W30	0	06S 42W 30ADA 01	230.12	230.48	230.88	230.69	231.83	1.14	
90	7	27W	7	07S27W07	0	07S 27W 07AAC 01	174.90	175.43	175.86	175.97	176.59	0.62	
90	7	27W	22	07S27W22	0	07S 27W 22DAC 01	125.30	125.94	126.85	126.57	126.3	-0.27	X
90	7	28W	8	07S28W08	0	07S 28W 08DCC 01	189.98	190.57	190.82	190.97	191.51	0.54	
90	7	28W	36	07S28W36	0	07S 28W 36ABA 01	156.49	157.11	158.3	158.28			
90	7	29W	5	07S29W05	6	07S 29W 05BBB 01	129.68	130.20	131.07	131.6	132.14	0.54	
90	7	29W	27	07S29W27	6	07S 29W 27CCC 01	216.60	215.58	216.45	215.7	216.63	0.93	
90	7	29W	30	07S29W30	6	07S 29W 30ABA 01	192.40	191.84	193.16	193.53	194.31	0.78	
90	7	30W	8	07S30W08	0	07S 30W 08CBB 01	122.54	123.55	124.68	124.86	125.24	0.38	
97	7	31W	1	07S31W01	0	07S 31W 01DCA 01	138.14	139.44	140.79	141.14	141.8	0.66	
97	7	32W	7	07S32W07	0	07S 32W 07ACA 01	92.10	93.53	94.47	95.12	95.07	-0.05	X
97	7	32W	13	07S32W13	0	07S 32W 13DBD 01	134.99	136.40	137.13	138.05	137.81	-0.24	X
97	7	32W	33	07S32W33	0	07S 32W 33BCB 01	138.80	139.60	141.01	143.45	141.05	-2.4	X
97	7	33W	7	07S33W07	0	07S 33W 07BDA 01	170.33	170.97	172.04	171.75	170.2	-1.55	X
97	7	34W	8	07S34W08	0	07S 34W 08DDD 01	56.84	57.33	58.53	56.77	56.69	-0.08	X
97	7	34W	25	07S34W25	0	07S 34W 25AAA 01		132.48	134.1	134.74	135.88	1.14	
97	7	34W	26	07S34W26	0	07S 34W 26DBD 01	132.79	133.84	135.16	135.63	137.09	1.46	
97	7	35W	9	07S35W09	0	07S 35W 09CCC 01	147.72	147.99	149.07	148.48	148.68	0.2	
97	7	36W	17	07S36W17	0	07S 36W 17CCC 01	164.03	168.20	169.53	168.85	169.72	0.87	
91	7	37W	4	07S37W04	0	07S 37W 04BBC 01	162.60	164.56	166.09	167.21	166.95	-0.26	X
91	7	37W	5	07S37W05	0	07S 37W 05CCB 01	163.42	164.70	165.58	166.84	166.39	-0.45	X
91	7	38W	28	07S38W28	0	07S 38W 28DAA 01	167.98	169.26	169.39	169.53	167.88	-1.65	X
91	7	39W	1	07S39W01	0	07S 39W 01DCD 01	148.52	149.03	149.7	149.78	149.85	0.07	
91	7	39W	9	07S39W09	0	07S 39W 09BBB 01	130.87	133.69	135.02	136.12	135.56	-0.56	X
91	7	40W	6	07S40W06	0	07S 40W 06ADB 01	189.69	188.39	189.89	190.25	193	2.75	
91	7	40W	29	07S40W29	0	07S 40W 29BBA 01	166.64	162.63	163.5	164.28	164.78	0.5	

CTY	TWP	RNG	SEC	LEGAL	HPA	LEGAL 2	2015	2016	2017	2018	2019		
77	3	36W	14	03S36W14	0	03S 36W 14CBB 01	214.43	214.10	216.2	216.04	216.61	0.57	
77	3	36W	17	03S36W17	0	03S 36W 17CCC 01	226.66	227.50	227.13	228.14	228.96	0.82	
77	3	36W	21	03S36W21	0	03S 36W 21DBC 01	215.70	216.75	216.66	216.49	216.99	0.5	
12	3	37W	19	03S37W19	0	03S 37W 19BBC 01	234.72	240.25	241.09	241.21	236.15	-5.06	X
12	3	37W	21	03S37W21	0	03S 37W 21DDD 01	233.05	235.02	234.58	234.28	233.89	-0.39	X
12	3	37W	36	03S37W36	0	03S 37W 36ADB 01	222.33	223.92	224.25	223.77	224.6	0.83	
77	4	36W	23	04S36W23	0	04S 36W 23CBB 01	226.61	227.50	227.85	226.99	226.09	-0.9	X
77	4	36W	23	04S36W23	0	04S 36W 23DCA 01	222.85	223.39	223.78	222.59	222.66	0.07	
12	4	37W	17	04S37W17	0	04S 37W 17AAC 01	212.95	211.66	212.53	212.21	212.63	0.42	
12	4	37W	25	04S37W25	0	04S 37W 25DCA 01	170.24	170.96	171.83	171.91	172.47	0.56	
12	4	38W	4	04S38W04	0	04S 38W 04BAC 01	230.16	230.74	231.03	231.18	231.32	0.14	
12	4	38W	20	04S38W20	0	04S 38W 20CCC 01	169.20	169.89		170.87	171.25	0.38	
12	4	38W	21	04S38W21	0	04S 38W 21ADC 01	198.17	198.64	199.26	199.03	199.23	0.2	
12	5	37W	15	05S37W15	0	05S 37W 15DBB 01	158.06	158.20	159.44	159.15	159.69	0.54	
12	5	39W	6	05S39W06	0	05S 39W 06DAA 01	225.04	228.62	227.28	226.84	227.16	0.32	
12	5	39W	11	05S39W11	0	05S 39W 11CBC 01	170.42	169.27	173.68	169.09	169.87	0.78	
12	5	39W	25	05S39W25	0	05S 39W 25CDA 01	145.87	146.30	147.48	147.95	150.26	2.31	
12	5	40W	14	05S40W14	3	05S 40W 14BCD 01	243.50	243.24	244.65	243.68	243.88	0.2	
12	5	40W	18	05S40W18	3	05S 40W 18ADB 01	253.20	249.80	250.96	249.2	251.26	2.06	
12	5	40W	27	05S40W27	3	05S 40W 27BBA 01	229.12	231.00	232.03	231.03	230.02	-1.01	X
12	5	41W	34	05S41W34	0	05S 41W 34CBB 01	210.94	212.40	212.86	214.59	214.74	0.15	
12	5	42W	14	05S42W14	0	05S 42W 14DCC 01	144.38	144.43	144.44	145.22	144.81	-0.41	X
90	6	28W	21	06S28W21	0	06S 28W 21BCD 01	121.75	122.60	122.83	122.97	123.13	0.16	
90	6	29W	10	06S29W10	0	06S 29W 10DBC 01	138.00	138.32	138.23	138.41	138.24	-0.17	X
90	6	29W	24	06S29W24	0	06S 29W 24ABB 01	120.27	121.09	121.4	121.65	121.72	0.07	
90	6	30W	13	06S30W13	0	06S 30W 13BAA 01	136.16	137.22	136.97	135.93	138.81	2.88	
90	6	30W	14	06S30W14	0	06S 30W 14CCD 01	120.39	120.08	120.48	120.37			
97	6	31W	3	06S31W03	0	06S 31W 03ADB 01	120.26	120.38	120.78	120.09	120.09	0	
97	6	31W	14	06S31W14	0	06S 31W 14BCA 01	96.61	97.10	97.9	97.67	98.2	0.53	
97	6	31W	19	06S31W19	0	06S 31W 19ABA 01	125.72	125.90	126.16	125.91	126.62	0.71	
97	6	31W	33	06S31W33	0	06S 31W 33CCD 01	49.74	49.19	52.37	52.5	53.42	0.92	
97	6	33W	7	06S33W07	0	06S 33W 07BBB 01	148.70	153.09	149.9	149.8	147	-2.8	X
97	6	33W	23	06S33W23	0	06S 33W 23DDD 01	21.04	19.32	20.65	21.35	20.16	-1.19	X
97	6	34W	11	06S34W11	0	06S 34W 11CDD 01	171.80	171.95	172.28	172.55	173.35	0.8	
97	6	34W	17	06S34W17	0	06S 34W 17CBC 01	168.56	169.05	169.53	169.69	169.91	0.22	
97	6	35W	2	06S35W02	0	06S 35W 02CDD 01	139.32	140.03	140.44	141.19	141.25	0.06	
97	6	35W	26	06S35W26	4	06S 35W 26ACB 01	170.39	170.29	170.26	170.28	170.39	0.11	
97	6	36W	1	06S36W01	0	06S 36W 01CAC 01	181.99	182.00	185.03	183.17	183.62	0.45	
97	6	36W	7	06S36W07	0	06S 36W 07BBB 01	196.28	197.01	197.69	197.35	196.97	-0.38	X

CTY	TWP	RNG	SEC	LEGAL	HPA	LEGAL 2	2015	2016	2017	2018	2019		
91	7	40W	35	07S40W35	0	07S 40W 35BBB 01	149.11	150.14	151.55	150.06	150.68	0.62	
91	7	40W	36	07S40W36	0	07S 40W 36BAB 01	158.30	158.68	160.13	159.72	159.46	-0.26	X
91	7	41W	7	07S41W07	0	07S 41W 07BCB 01	227.25	227.98	228.9	229.26	229.8	0.54	
91	7	41W	28	07S41W28	0	07S 41W 28DBB 01	152.60	153.63	155.6	154.22	153.88	-0.34	X
91	7	42W	7	07S42W07	0	07S 42W 07DAA 01	212.38	216.04	217.03	217.86	218.92	1.06	
91	7	42W	27	07S42W27	0	07S 42W 27AAB 01	192.06	193.25	194.35	195.21	193.73	-1.48	X
90	8	28W	11	08S28W11	0	08S 28W 11DAA 01	107.65	108.10	109.4	108.62			
90	8	28W	16	08S28W16	0	08S 28W 16AAC 01	117.21	117.55	117.59	116.65	116.11	-0.54	X
90	8	28W	17	08S28W17	0	08S 28W 17BAD 01	145.06	0.00					
90	8	29W	1	08S29W01	6	08S 29W 01BDD 01	182.59	182.94	183.28	183.47	183.96	0.49	
90	8	30W	5	08S30W05	6	08S 30W 05CDD 01	200.70	200.69	202.19	202.58	203.26	0.68	
90	8	30W	11	08S30W11	6	08S 30W 11CBC 01	221.71	221.05	223.11	222.53	222.7	0.17	
90	8	30W	13	08S30W13	6	08S 30W 13ADA 01			188.15	189.02	185.08	-3.94	X
90	8	30W	13	08S30W13	6	08S 30W 13DAA 01	183.72	184.52					
97	8	31W	3	08S31W03	0	08S 31W 03CDD 01	169.46	169.90	171.3	170.7	170.59	-0.11	X
97	8	31W	20	08S31W20	0	08S 31W 20CDD 01	153.80	152.42	153.34	152.71	152.59	-0.12	X
97	8	32W	7	08S32W07	5	08S 32W 07BAA 01	145.92	147.59	149.14	149.86	148.5	-1.36	X
97	8	32W	12	08S32W12	0	08S 32W 12DBC 01	150.54	151.83	152.45	152.92	153.91	0.99	
97	8	32W	32	08S32W32	5	08S 32W 32DAA 01	130.49	131.09	131.83	131.89	131.42	-0.47	X
97	8	33W	34	08S33W34	5	08S 33W 34BBC 01	175.95	176.72	177.84	178.21	178.69	0.48	
97	8	34W	1	08S34W01	5	08S 34W 01BAC 01	147.46	148.17	149.92	150.57	150.94	0.37	
97	8	34W	6	08S34W06	5	08S 34W 06CBC 01	152.71	153.55	153.97	153.97	153.02	-0.95	X
97	8	34W	23	08S34W23	5	08S 34W 23CBD 01	206.30	206.83	207.8	207.2	207.43	0.23	
97	8	34W	29	08S34W29	5	08S 34W 29CCC 01	231.71	230.83	231.05	230.07			
97	8	35W	4	08S35W04	0	08S 35W 04CCC 01	99.82	100.53	100.86	100.92	101.29	0.37	
97	8	36W	15	08S36W15	0	08S 36W 15CBB 01	93.67	94.44	94.44	94.2	94.74	0.54	
97	8	36W	31	08S36W31	0	08S 36W 31BCD 01	47.14	47.31	47.68	46.95	47.14	0.19	
91	8	37W	3	08S37W03	0	08S 37W 03ADB 01	177.65	178.90	179.84	179.94	180.36	0.42	
91	8	37W	21	08S37W21	0	08S 37W 21CCC 01	163.15	161.91	161.28	157.77	158.85	1.08	
91	8	37W	32	08S37W32	0	08S 37W 32ABB 01	117.20	116.95	116.45	114.25	113.28	-0.97	X
91	8	38W	17	08S38W17	0	08S 38W 17CDD 01	191.79	192.89	194.09	192.56	194.38	1.82	
91	8	38W	24	08S38W24	0	08S 38W 24AAB 01	141.27	141.86	141.96	142.59	142.49	-0.1	X
91	8	40W	12	08S40W12	2	08S 40W 12DBA 01	190.35	191.33	192.07	192.71	192.79	0.08	
91	8	40W	17	08S40W17	0	08S 40W 17CDB 01	158.60	160.32	160.8	160.32	161.78	1.46	
91	8	41W	17	08S41W17	0	08S 41W 17CBA 01	171.34	172.35	172.76	172.47	172.02	-0.45	X
91	8	41W	25	08S41W25	0	08S 41W 25BBC 01	147.15	148.14	149.75	150.6	151.19	0.59	
91	8	42W	15	08S42W15	0	08S 42W 15DDB 01	161.27	161.95	164.02	164.89	165.33	0.44	
91	8	42W	31	08S42W31	0	08S 42W 31DCD 01	107.68	109.75	110.64	111.54	112.24	0.7	
90	9	26W	22	09S26W22	0	09S 26W 22BBB 01	136.67	136.92	137.64	136.82	136.4	-0.42	X

CTY	TWP	RNG	SEC	LEGAL	HPA	LEGAL 2	2015	2016	2017	2018	2019		
90	9	27W	12	09S27W12	0	09S 27W 12CCC 01	108.88	108.97	111.59	108.9	108.83	-0.07	X
90	9	27W	20	09S27W20	0	09S 27W 20CBD 01	147.12	147.49	147.21	147.74	147.22	-0.52	X
90	9	27W	31	09S27W31	0	09S 27W 31ABB 01	97.34	97.98	98.23	97.26	96.62	-0.64	X
90	9	28W	4	09S28W04	0	09S 28W 04BCC 01	32.25	32.47	32.79	31.41	31.35	-0.06	X
90	9	28W	15	09S28W15	0	09S 28W 15CBA 01	172.09	172.05	172.69	172.84	172.46	-0.38	X
90	9	29W	3	09S29W03	0	09S 29W 03AAA 01	125.71	126.79	127.68	127.97	129.14	1.17	
90	9	29W	17	09S29W17	0	09S 29W 17BAB 01	124.42	124.84	126.01	125.76	125.79	0.03	
90	9	30W	35	09S30W35	0	09S 30W 35BBB 01	162.24	162.47	163.27	163.01	163.01	0	
97	9	31W	10	09S31W10	0	09S 31W 10BDD 01	104.50	105.80	106.85	106.99	106.88	-0.11	X
97	9	31W	17	09S31W17	0	09S 31W 17CCC 01	108.80	109.19	110.2	110.25	109.5	-0.75	X
97	9	31W	36	09S31W36	0	09S 31W 36AAB 01	162.80	162.92	163.78	163.99	163.96	-0.03	X
97	9	32W	3	09S32W03	5	09S 32W 03AAA 01	114.63	116.07	117.21	117.97	117.86	-0.11	X
97	9	32W	27	09S32W27	5	09S 32W 27BCD 01	140.65	141.05	142.12	142.16			
97	9	33W	35	09S33W35	5	09S 33W 35AAD 01	188.90	192.70	190.3	194.6	189.68	-4.92	X
97	9	34W	12	09S34W12	5	09S 34W 12ADA 01	193.69	194.12	195.64	195.77	195.91	0.14	
97	9	34W	17	09S34W17	5	09S 34W 17ABA 01	169.22	169.65	169.74	169.75	169.3	-0.45	X
91	9	37W	7	09S37W07	0	09S 37W 07DDB 01	95.49	94.86	95.99	92.66	91.07	-1.59	X
91	9	38W	13	09S38W13	0	09S 38W 13BCC 01	82.79	81.76	83.38	79.62	77.34	-2.28	X
91	9	39W	1	09S39W01	2	09S 39W 01DBA 01	165.90	167.60	167.91	167.87	166.35	-1.52	X
91	9	39W	2	09S39W02	2	09S 39W 02BAB 01	202.45	0.00					
91	9	39W	10	09S39W10	2	09S 39W 10CCB 01	172.38	172.63	172.77	172.86	173.08	0.22	
91	9	40W	13	09S40W13	0	09S 40W 13CDC 01	191.26	193.16	192.28	192.78	193.08	0.3	
91	9	40W	29	09S40W29	0	09S 40W 29BBB 01	199.80	201.89	203.15	203.64	204.1	0.46	
91	9	41W	5	09S41W05	1	09S 41W 05DCC 01	211.84	212.60	213.48	213.34	212.23	-1.11	X
91	9	41W	14	09S41W14	1	09S 41W 14BBC 01	229.35	227.98	233.33	231.13	229.6	-1.53	X
91	9	41W	34	09S41W34	1	09S 41W 34BAB 01	203.77	206.14	206.89	206.78	205.97	-0.81	X
91	9	42W	14	09S42W14	1	09S 42W 14AAA 01	212.07	212.64	212.09	212.09	211.97	-0.12	X
91	9	42W	35	09S42W35	1	09S 42W 35ABB 01	197.08	197.94	198.04	197.95	194.3	-3.65	X
90	10	26W	12	10S26W12	0	10S 26W 12AAD 01	24.63	24.53	24.69	22.31	20.88	-1.43	X
90	10	27W	20	10S27W20	0	10S 27W 20CBC 01	24.55	0.00					
90	10	27W	22	10S27W22	0	10S 27W 22DBA 01	22.08	22.74	22.47	19.81	18.42	-1.39	X
90	10	28W	5	10S28W05	0	10S 28W 05DDB 01	121.36	122.00	122.77	122.81	122.86	0.05	
90	10	29W	2	10S29W02	0	10S 29W 02DDD 01	94.67	95.42	96.63	95.32	94.77	-0.55	X
90	10	29W	20	10S29W20	0	10S 29W 20CAA 01	73.46	73.50	74.49	73.71	71.64	-2.07	X
90	10	30W	8	10S30W08	0	10S 30W 08DDD 01	106.84	107.40	107.79	107.29	105.86	-1.43	X
90	10	30W	12	10S30W12	0	10S 30W 12ADA 01	110.16	111.45	112.33	111.23	109.65	-1.58	X
97	10	31W	26	10S31W26	0	10S 31W 26AAA 01	16.30	16.52	16.78	14.83	14.49	-0.34	X
97	10	31W	29	10S31W29	0	10S 31W 29AAB 01	100.60	99.30	107.71	104.59			
97	10	32W	11	10S32W11	5	10S 32W 11BAA 01	136.31	137.90	137.94	138.34	138.74	0.4	

