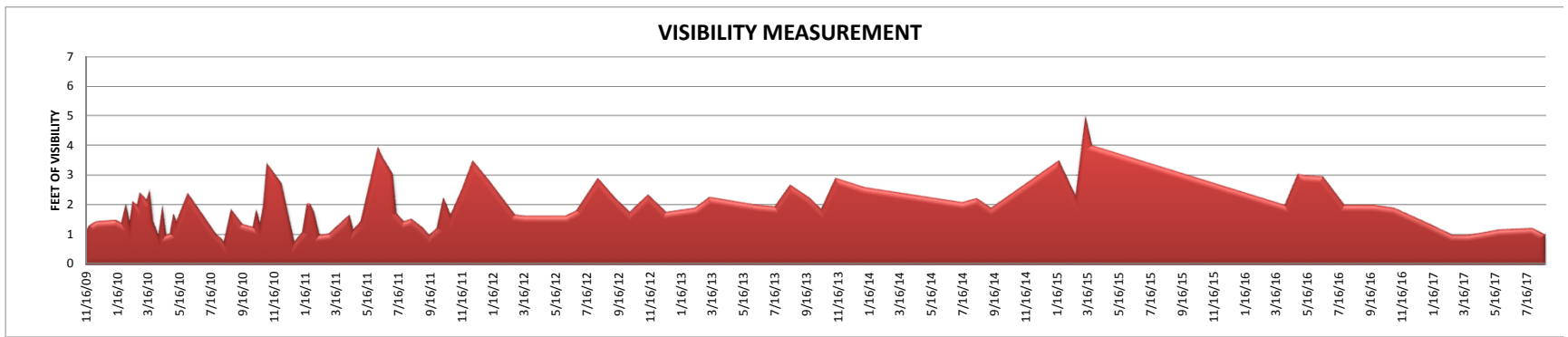

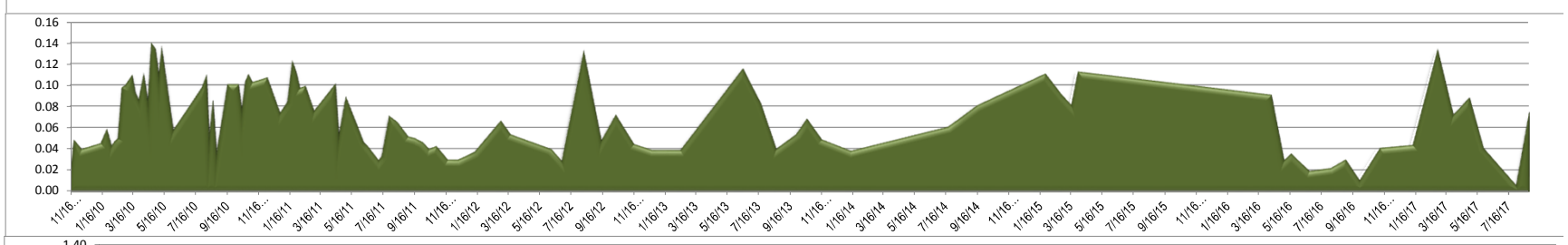

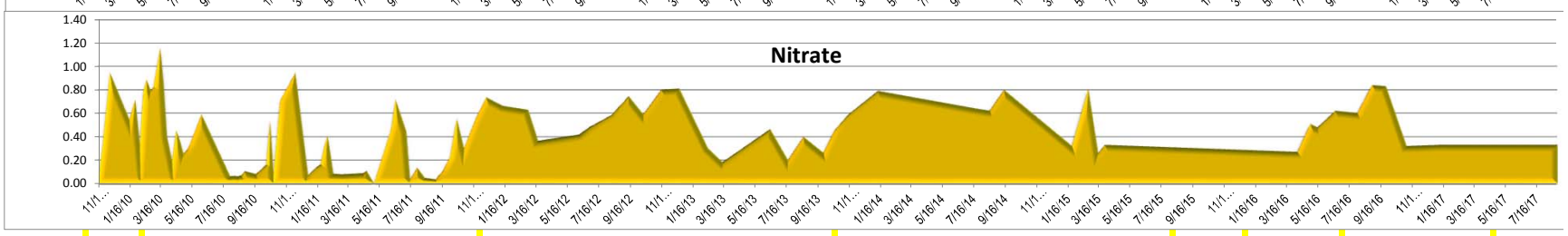

Date Average	Trans-parency	DO @ depth 0	2	4	6	8	10	12	14	Temperature @ depth 0	2	4	6	8	10	12	14	Saturation @ depth 0	2	4	6	8	10	12	14	pH	TDS	Color	Notes	Nutrient Level Nitrate	Phosphorus	Sky
11/16/09	1.02	10.37	10.61	9.55	8.81	7.98				62.42	59.82	57.46	56.66	56.37				86%	83%	84%	82%	76%				0.73		green		0.06	0.01	clear
11/24/09	1.32	10.06	10.56	9.67	9.03	8.49				58.10	56.81	54.09	53.31	53.11				102%	100%	100%	98%	86%				0.71		green		0.33	0.05	clear
12/8/09	1.45	9.52	9.43	9.30	9.15	9.12				54.03	52.37	50.87	50.64	50.44				125%	123%	122%	116%	91%				0.79		green		0.95	0.04	clear
1/15/10	1.50	9.54	9.52	9.48	9.27	9.15				44.53	44.35	44.17	43.99	43.88				109%	107%	107%	106%	97%				0.82		green		0.55	0.04	clear
1/26/10	1.41	10.62	10.59	10.32	9.65	8.69				43.42	44.14	43.85	43.75	43.68				115%	113%	111%	110%	108%				6.88		green		0.72	0.06	prt cldy
2/4/10	2.05	11.76	11.97	12.05	11.60	9.58				48.56	48.41	48.17	47.82	47.68				114%	111%	108%	108%	101%				8.31		green		0.33	0.04	mst cldy
2/11/10	1.45	7.78	7.79	7.76	7.68	7.39				45.45	45.25	44.73	43.96	43.67				113%	110%	107%	102%	89%				7.48		green		0.79	0.05	prt cldy
2/17/10	2.14	10.49	10.72	10.81	10.38	7.80				48.74	48.15	47.69	47.35	46.92												6.53		green		0.89	0.05	clear
2/25/10	2.00	9.73	9.72	9.54	9.22	8.85				45.93	45.32	45.03	44.68	44.58												7.20		green		0.79	0.10	clear
3/3/10	2.43	8.85	8.86	8.75	8.58	8.38				55.33	53.55	52.54	51.78	50.52												0.73		green		0.82	0.10	prt cldy
3/16/10	2.18	8.45	8.25	8.16	8.00	7.54				53.04	52.42	51.87	51.29	50.98												0.00		green		1.16	0.11	prt cldy
3/22/10	2.50	8.13	8.03	7.97	7.90	7.25				54.42	54.17	53.75	53.35	52.99												0.00		green		0.87	0.09	prt cldy
3/29/10	1.45	7.95	7.80	7.74	7.47	6.78				53.68	53.80	53.83	53.60	52.81												0.00		green		0.40	0.08	mst clear
4/8/10	1.00	10.11	9.91	9.85	9.75	8.69				57.94	58.08	58.10	58.02	57.46												0.00		green		0.19	0.11	clear
4/16/10	2.00	11.67	11.47	11.39	11.13	8.76				58.41	59.00	58.43	57.76	57.13												3.87		green		0.45	0.08	clear
4/23/10	1.00	9.87	9.66	9.55	9.46	9.05				55.43	55.55	55.56	55.58	54.89												1.51		green		0.37	0.14	clear
4/30/10	1.05	10.95	10.72	10.50	10.44	10.27				60.08	60.15	59.93	58.90	57.35				65%	64%	63%	61%	58%				6.68		green		0.25	0.13	clear
5/7/10	1.73	10.05	9.78	9.62	9.48	8.60				56.73	56.82	56.84	56.82	56.82				78%	77%	76%	74%	70%				8.21		green		0.29	0.11	clear
5/13/10	1.45	9.87	9.67	9.40	8.92	7.98				58.03	58.20	58.21	58.23	58.23				53%	53%	50%	45%	42%				3.81		green		0.34	0.13	mst cldy
6/4/10	2.41	3.27	3.21	3.10	2.90	1.47				63.68	63.73	63.76	63.63	63.21				68%	66%	66%	65%	60%				6.32		green		0.59	0.06	clear
7/30/10	1.00	6.30	6.13	6.08	5.97	5.53				62.73	62.76	62.57	61.96	61.32				81%	80%	80%	79%	74%				7.75		green		0.06	0.10	clear
8/7/10	0.91	6.30	6.30	6.19	6.08	5.80				35.65	35.55	35.49	35.39	35.37												2.07		green		0.07	0.11	clear
8/13/10	0.77	3.97	4.01	3.75	3.51	3.25				46.84	46.78	46.53	46.45	39.66				72%	70%	69%	68%	65%				5.95				0.06	0.05	
8/20/10	1.34	6.98	6.82	6.80	6.72	6.23				35.98	35.98	71.76	35.98	35.98				24%	23%	22%	21%	21%				1.82		green		0.07	0.08	clear
8/27/10	1.86	7.05	6.39	7.00	6.93	6.32				35.70	35.67	35.70	35.70	35.70												0.75		green		0.11	0.03	clear
9/18/10	1.36	7.95	7.82	7.64	7.50	6.69				35.70	35.53	35.49	35.47	35.45				66%	65%	64%	63%	55%				6.49		green		0.08	0.10	clear
10/8/10	1.27	7.62	7.50	7.41	7.33	6.59				35.89	35.89	35.89	35.89	35.88				99%	98%	96%	92%	81%				8.33		green		0.16	0.10	clear
10/15/10	1.86	9.11	9.06	8.90	8.52	7.73				36.07	36.07	36.07	36.07	36.07				83%	81%	81%	79%	76%				8.39		green		0.54	0.07	pt cldy
10/22/10	1.41	7.30	7.17	7.06	6.91	6.71				55.60	55.48	55.24	54.94	54.73				83%	84%	81%	79%	77%				8.41		green		0.08	0.10	pt cldy
10/28/10	1.95	8.33	8.38	8.15	7.92	7.71				34.95	34.95	34.95	34.95	34.91				94%	93%	92%	88%	84%				7.80		green		0.37	0.11	mst clr
11/4/10	3.41	8.90	8.92	8.73	8.46	7.81				75.74	75.72	75.71	75.56	75.30				94%	94%	93%	90%	84%				8.34		green		0.71	0.10	mst clr
12/3/10	2.73	10.44	10.44	10.54	10.23	9.67				72.11	72.48	72.17	68.46	71.91				62%	63%	60%	57%	54%				4.55		green		0.94	0.11	pt cldy
12/28/10	0.77	4.33	4.54	4.42	4.24	4.06				50.21	49.61	48.99	48.84	48.64				35%	34%	34%	34%	33%				6.70		green		0.07	0.07	clear
1/12/11	1.09	3.78	3.75	3.71	3.60	3.45				74.02	73.97	73.94	73.84	73.48				83%	83%	83%	82%	80%				6.40		green		0.14	0.08	clear
1/21/11	2.05	10.95	11.12	11.04	10.84	10.47				74.69	74.69	74.69	74.63	74.17				94%	95%	93%	90%	84%				8.15		green		0.16	0.12	clear
1/28/11	2.05	9.70	9.77	9.62	9.28	8.62				34.00	33.65	33.57	33.54	33.52				86%	85%	85%	82%	79%				8.52		green		0.31	0.11	clear
2/4/11	1.77	9.33	9.29	9.25	9.09	8.80				67.75	67.69	67.59	67.56	67.36				97%	95%	93%	91%	86%				8.77		green		0.41	0.10	clear
2/15/11	1.00	10.50	10.37	9.97	9.70	8.36				33.55	33.55	33.54	33.54	33.54				92%	91%	88%	85%	76%				8.35		green		0.08	0.10	cldy
3/4/11	1.05	9.42	9.49	9.13	8.97	8.15				33.65	33.65	33.64	33.62	33.59				86%	85%	83%	81%	71%				7.13		green		0.08	0.07	clear
4/14/11	1.68	8.04	7.97	7.72	7.64	6.76				62.40	62.37	62.34	62.32	62.27				84%	82%	81%	79%	78%				7.15		green		0.09	0.10	clear
4/21/11	1.18	7.56	7.45	7.30	7.16	6.95	4.40	4.40	4.60	66.15	66.12	66.05	65.99	65.74	55.46	48.69	49.97	99%	96%	91%	82%	51%	56%	47%	48%	8.10		green		0.11	0.05	prt cldy
5/5/11	1.45	8.79	8.84	8.36	7.76	4.16	8.09			62.93	62.89	62.85	62.80	62.75	53.60			93%	92%	91%	89%	73%	88%			8.44		green		0.00	0.09	clear
6/8/11	3.95	80.04	8.00	7.94	7.86	7.61	7.05	7.43	6.88	59.46	58.95	58.61	58.44	58.39	49.88	45.24	46.26	90%	90%	89%	87%	82%	82%	83%	77%	8.44		teal		0.47	0.05	clear
6/16/11	3.64	7.94	7.81	7.76	7.50	7.32	7.09	7.20	6.83	61.55	60.73	60.36	60.16	59.93	50.18	45.46	46.44	93%	92%	91%	89%	87%	86%	86%	82%	7.42		green		0.72	0.04	clear
7/7/11	3.05	7.71	7.73	7.56	7.40	6.68	6.06	6.53	3.16	48.23	46.04	47.05	46.69	46.43	40.40	40.55	41.80	93%	93%	90%	88%	75%	78%	82%	39%	7.91		green		0.45	0.03	prt cldy
7/14/11	1.73	8.19	8.15	7.93	7.54	6.55	5.45	6.31	5.68	42.37	41.39	41.11	40.93	40.84	42.74	38.52	39.73	98%	98%	96%	89%	79%	66%	77%	69%	7.92		green		0.04	0.03	clear
7/28/11	1.45	9.10	9.12	8.50	8.04	6.77	2.53	5.06	4.41	38.55	38.48	38.41	38.37	38.32	39.80	36.48	37.59	109%	107%	97%	91%	65%	64%	62%	42%	8.15		olive		0.14	0.07	clear
8/12/11	1.55	8.48	8.83	8.35	7.79	7.36	6.39	6.66	5.39	50.80	50.51	50.25	50.00	49.97	42.32	41.94	43.24	106%	108%	96%	91%	87%	77%	81%	66%	7.98		green		0.05	0.06	mst clr
9/2/11	1.27	8.27	8.31	7.97	7.63	7.14	6.27	6.41	6.61	52.36	51.85	51.34	51.06	51.03	42.68	41.66	42.76	105%	107%	107%	92%	85%	78%	79%	78%	7.87		green		0.04	0.05	clear
9/16/11	1.00	8.27	8.20	7.81	7.14	6.28	6.74	7.59	6.48	49.95	49.87	49.60	49.35	49.10	41.66	40.91	41.95	102%	102%	97%	90%	80%	82%	92%	78%	8.16		green		0.11	0.05	clear
9/30/11	1.23	7.76	7.50	7.12	6.74	6.46	4.33	3.69	3.19	52.73	52.52	52.37	51.98	47.89	43.94	42.73	43.83	94%	93%	88%	83%	79%	64%	44%	38%	8.12		green		0.23	0.05	prt cldy
10/13/11	2.27	8.81	9.13	8.50	7.64	5.83	2.74	5.48	4.20	54.99	53.55	52.91	52.65	52.44	44.30	42.49	43.54	96%	96%	89%	78%	64%	34%	59%	45%	7.44		green		0.55	0.04	clear
10/27/11	1.68	8.49	8.31	8.07	7.83	7.56	4.08	7.82	7.76	62.06	61.01	60.06	60.05	57.17	40.88	44.96	45.94	95%	94%	90%	86%	77%	43%	84%	83%	8.79		olive		0.30	0.04	clear
11/18/11	2.55	9.95	9.80	9.72	9.49	9.15	9.65	9.50	9.27	65.19	64.97	64.66	64.45	64.20	53.12	46.48	47.39	96%	95%	93%	89%	84%	93%	91%	89%	8.35		olive		0.55	0.03	mst clr
12/9/11	3.50	10.60	10.77	10.78	10.71	10.66	10.97	10.83	10.65	69.31	67.90	66.81	65.33	52.63	41.84	46.96	47.76	94%	93%	93%	93%	91%	96%	94%	92%	7.99		olive		0.74	0.03	clear
1/10/12	2.82	11.46	11.50	11.53	11.44	11.18	11.53	11.69	11.09	63.84	63.84	63.79	63.71	63.63	42.62	36.30	37.41	100%	99%	98%	98%	97%	102%	103%	97%	8.70		olive		0.66	0.04	clear
2/29/12	1.68	10.44	10.23	10.41	10.01	9.62	9.84			41.87	41.68	41.25	41.73	40.66	50.05	50.30	50.40	96%	96%	97%	94%	90%	91%			9.07		olive		0.63	0.07	mst clear
3/19/12	1.64	9.53	9.49	9.42	9.29	9.02	9.23	9.08	9.23	51.63	51.36	50.98	50.78	50.55	51.15	51.70	51.20	175%	92%	91%	90%	87%	88%	85%	87%			olive		0.36	0.05	mst clear
6/6/12	1.64	7.78	7.68	7.46	7.01	6.89	3.27	6.53	6.73	67.29	61.44	66.57	65.97	65.77	34.75	69.40	69.40	91%	90%	86%	82%	80%	39%	76%	78%	6.95		olive		0.42	0.04	clear
6/27/12	1.82	8.25	8.52	8.28	7.87	7.33	6.47	6.68	5.90	73.99	72.69	71.48	71.06	70.72	71.30	71.30	71.20	96%	97%	93%	85%	80%	76%	79%	69%	8.31		olive		0.48	0.03	clear
8/8/12	2.91	8.03	8.22	8.13	7.54	6.84	5.37	5.10	2.70	80.54	73.65	78.33	77.86	77.30	79.10	78.60	78.10	102%	103%	100%	96%	84%	83%	65%	34%	8.11		olive		0.58	0.13	clear
9/11/12	2.23	8.01	7.97	7.64	7.39	6.60	6.47	6.35	2.27	78.95	78.09	77.65	77.38	76.96	77.25	77.40	76.20	98%	97%	94%	90%	83%	85%	80%	27%	7.90		olive		0.75	0.05	mst Clear
10/9/12	1.77	8.52	8.47	8.25	7.95	6.85	7.22	7.21	7.15	70.75	70.29	69.92	69.74	69.49	68.40	68.60	68.40	96%	95%	92%	90%	85%	83%	83%	81%	8.31		olive		0.59	0.07	clear
11/13/12	2.35	9.95	9.91	9.98	9.87	9.78	9.74	9.59	9.51	55.65	50.51	51.00	50.83	50.79	52.30	52.50	52.50	96%	95%	94%	92%	90%	93%	91%	90%	8.24		olive		0.80	0.04	clear
12/18/12	1.77	11.13	11.08	10.98	10.94	10.69	11.10	11.21	11.11	47.32	49.85	49.59	49.55	49.49	49.00	49.00	49.00	103%	102%	102%	101%	99%	101%	102%	101%	7.90		olive		0.81	0.04	cloudy
2/12/13	1.91	11.14	11.34	11.43	11.12	10.66	11.15	11.23	11.10	48.10	47.65	47.43	47.36	47.27	47.20	47.20	47.20	103%	103%	101%	100%	99%	100%	100%	99%	8.46		olive		0.30	0.04	clear
3/12/13	2.27	11.53	11.50	11.46	11.12	10.09	9.67	10.81	9.44	55.46	54.40	53.79	53.06	52.52	51.90	51.80	51.40	115%	116%	118%	113%	101%	98%	102%	89%	8.47		olive		0.18	0.06	clear
6/13/13	2.00	8.07	7.98	7.86	7.55	7.35	7.09	7.11	7.06	74.43	73.97	73.49	72.97	72.39	72.25	72.00	72.00	89%	87%	86%	85%	83%	86%	85%	85%	7.66		olive		0.47	0.11	clear
7/17/13	1.95	7.07	6.98	6.90	6.72	6.47	6.78	6.79	6.75	77.35	76.75	75.95	75.53	75.17	75.80	76.00	75.00	88%	87%	86%	83%	80%	84%	83%	83%	8.25		olive		0.20	0.08	mst clear
8/16/13	2.68	10.38	10.50	10.32	10.05	9.13	7.92	8.69	7.37	76.72	75.76	75.21	74.92	74.58	74.60	74.80	74.30	130%	130%	127%	124%	115%	101%	106%	90%	8.93		olive		0.40	0.04	clear
9/24/13	2.23	9.26	9.18	91.87	8.10	7.22	7.51	7.97	7.92	69.85	69.53	69.25	68.82	68.67	68.60	68.60	68.60	107%	106%	103%	93%	83%	87%	92%	91%	8.78		olive		0.26	0.05	clear
10/15/13	1.86	9.88	18.08	9.59	9.39	8.75	8.91	8.91	8.78	60.98	60.38	59.97	59.89	59.88	60.10	60.10	60.10	105%	104%	100%	98%	91%	94%	93%	92%	8.92		olive		0.45	0.07	clear
11/12/13	2.91	9.88	9.86	9.77	9.43	9.48	9.16	9.16		55.81	55.44	55.17	55.06	54.80	54.70	54.60		98%	97%	96%	93%	93%	90%	90%		8.35		olive		0.59	0.05	cloudy
1/8/14	2.59	13.00	12.99	12.96	12.87	16.39	13.35	13.70	13.70	46.41	46.32	46.23	46.11	56.33	91.90	45.90	45.90	114%	115%	114%	113%	138%	234%	120%	115%	8.73		olive		0.79	0.04	prt cldy
7/16/14	2.09	9.40	9.13	8.97	8.66	8.29	8.21	8.21	7.87	78.97	78.66	78.05	77.75	94.41	77.50	77.20	76.80	115%	113%	110%	105%	125%	103%	101%	97%	8.15		olive		0.64	0.06	mst clear
8/13/14	2.23	10.17	9.89	9.86	9.55	10.63	8.84	8.84	7.95	76.84	76.86	76.80	76.55	76.07	77.10	77.00	77.00	121%	120%	120%	116%	129%	113%	106%	98%	0.00		olive		0.62	0.07	clear
9/10/14	1.91	10.32	10.10	9.83	9.11	10.09	8.30	8.14	7.65	74.74	74.39	73.90	73.62	73.20	73.65	73.50	73.50	114%	120%	114%	106%	118%	195%	95%	90%	0.00		olive		0.80	0.08	clear
1/20/15	3.50	17.50	17.65	17.39	16.59	16.06	13.72	15.00	9.57	51.23	50.86	50.26	49.48	59.87	96.61	47.90	47.00	161%	159%	156%	146%	170%	245%	132%	110%	7.91		olive		0.32	0.11	cloudy
2/21/15	2.32	14.52	14.40	14.61	14.38	16.53	24.40	14.10	13.80	60.31	59.27	58.81	58.18	70.64	57.75	57.20	56.80	141%	143%	146%	143%	161%	189%	0%	0%	0.00		olive		0.81	0.09	clear
3/12/15	5.00																											olive		0.26	0.08	0
3/25/15	4.00	11.75	11.73	10.94	11.10	13.15	10.72	10.72	10.37	62.76	62.24	111.86	61.56	75.16	61.30	61.20	61.10	113%	117%	114%	115%	136%	109%	110%	106%	1.77		olive		0.33	0.11	Clear
4/2/2016	2.00	10.85	10.54	9.99	9.18	10.58	18.20	9.50	9.20	59.27	58.09	56.93	55.87	67.49	55.60	55.60	0.00	107%	104%	100%	92%	107%	188%	95%	92%	1.03		olive		0.27	0.09	prt cloudy
4/27/16	3.05	7.90	7.84	7.79	7.75	9.45	7.89			61.68	56.19	56.10	55.86	60.86	60.98	32.00	60.98	89%	88%	87%	87%	963%	175%	86%		7.55		olive		0.51	0.03	prt cloudy
5/11/16	3.00	8.72	8.61	8.56	8.50	10.30	8.93			68.34	64.30	67.03	66.49	73.81	66.02			95%	85%	84%	83%	100%	182%	86%		8.29		olive		0.48	0.03	clear
6/15/16	2.95	5.44	5.45	5.43	5.37	6.44				43.79	42.06	43.34	43.10	52.56				60%	60%	60%	59%	71%	91%			5.25		olive		0.62	0.02	clear
7/27/16	2.00	7.97	7.93	7.80	7.63	6.72				79.21	78.48	78.11	77.66	77.72	78.00			106%	105%	102%	99%	97%	93%			8.35		olive		0.60	0.02	clear
8/25/16	2.00	7.60	7.56	7.48	7.39	7.25				74.76	74.34	74.07	73.85	65.79				97%	96%	94%	93%	92%				6.92		olive		0.84	0.03	clear
9/21/16	2.00	8.17	7.51	8.17	8.07	7.92				72.10	71.66	71.26	70.98	70.16				102%	102%	101%	99%	65%				8.36		olive		0.83	0.01	over cast
10/31/16	1.91	8.11	8.02	7.94	7.88	7.60				69.73	69.21	62.09	67.91	72.00				104%	103%	101%	100%	11%				8.59		olive		0.32	0.04	clear
1/4/17	1.41	10.99	10.91	10.56	10.46	8.54				60.59	59.96	59.42	58.56	45.00				103%	101%	98%	97%	11%				8.53		olive		0.33	0.04	OVER CAST
2/22/17	1.00	12.68	12.19	11.77	11.20	11.09				73.96	73.33	72.86	72.31	72.60				105%	102%	98%	95%	42%				8.62		olive		0.33	0.13	cloudy
3/25/17	1.00	11.41	11.22	10.85	10.54	10.15				92.11	91.49	90.83	90.57	76.10				100%	96%	91%	89%	37%				8.59		olive		0.33	0.07	over cast
4/26/17	1.09	10.15	10.05	9.88	9.56	7.65				78.81	78.03	78.04	69.77	62.60				96%	94%	93%	90%	10%				8.44		olive		0.33	0.09	ovr cast
5/24/17	1.18	10.69	10.68	10.41	10.29	8.26				89.77	89.29	88.87	88.36	70.70				96%	96%	87%	84%	11%				8.23		olive		0.33	0.04	ovr cast
7/29/17	1.23	10.45	10.10	10.10	10.00	8.45				99.18	97.44	87.84	95.44	78.00				20%	20%	19%	18%	0%						olive		0.33	0.00	0
8/23/17	1.00	11.41	11.22	10.85	10.54	10.15				92.11	91.49	90.83	90.57	76.10				100%	96%	91%	89%	37%				7.81		olive		0.33	0.07	over cast