

Monthly Conservation Report from Austin Water

RMC Report January 2017

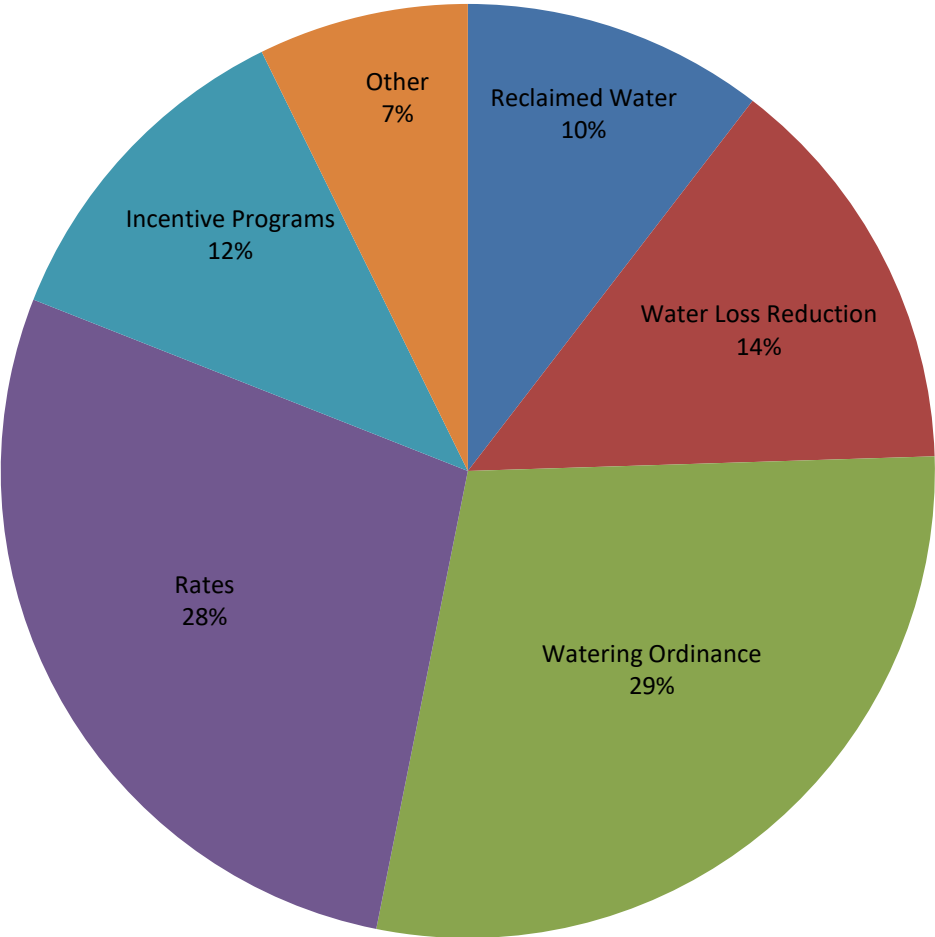
Activity	Unit	Projected Peak Unit Savings, GPD	Projected Average Unit Savings, GPD	Projected Lifetime of Savings, years	Cost per Unit, if applicable	Program Participation				Peak Reduction, gallons per day		Average Savings, GPCD		Lifetime Savings per Unit, thousand gallons	Cost of Savings		FY16 Rebate Amounts	
						FY17 Goal	FY17 To Date	Prior Year FY16	Prior Year FY16 To Date	Peak Savings Goal FY17	Peak Savings To Date FY17	GPCD FY17 Goal	GPCD To Date FY17		Lifetime, 1000 gallons	Peak, 1 gallon per day	FY17 Budget	FY17, Spent To Date
Incentives - Indoor																		
Showerheads	1 unit	9.55	9.55	5	\$ 2.46	1,600	420	1,036	678	15,280	4,011	0.02	0.00	17.43	\$0.14	\$0.26	\$40,000	\$0
Aerators	1 unit	2.31	2.31	5	\$ 0.34	4,800	810	2,568	1,924	11,074	1,869	0.01	0.00	4.21	\$0.08	\$0.15	\$0	\$0
PRV rebates	1 valve	56.10	25.80	10	\$ 130.00	40	5	24	7	2,244	281	0.00	0.00	94.17	\$1.38	\$2.32	\$10,000	\$100
Commercial Process Rebates	1 gallon	Variable	Variable	10	\$ 1.00	10	0	3	2	250,000	-	0.25	0.00	Variable	Variable	\$1	\$400,000	\$0
Commercial Audit Rebate	1 audit	TBD	TBD	TBD	TBD	15	0	7	1	TBD	Variable	TBD	Variable	Variable	Variable	Variable	\$50,000	\$0
Incentives - Outdoor																		
Irrigation audits, SF	1 audit	500.00	100.00	3	\$ 187.50	550	116	599	386	275,000	58,000	0.05	0.01	109.50	\$1.71	\$0.38	\$103,125	\$21,750
Irrigation rebates, SF	1 rebate	TBD	TBD	variable	\$ 130.00	40	12	41	11	TBD	Variable	TBD	Variable	Variable	\$1.78	\$2.18	\$20,000	\$820.41
Irrigation rebates, Commercial MF	1 rebate	TBD	TBD	variable	TBD	15	0	0	0	TBD	Variable	TBD	Variable	Variable	Variable	Variable	\$100,000	\$0
Landscape Survival Tools Rebate, SF	1 rebate	TBD	TBD	TBD	TBD	100	1	81	1	TBD	Variable	TBD	Variable	Variable	Variable	Variable	\$12,000	\$0
Waterwise Landscape Rebate,SF	1 rebate	140.7	59.1	10	\$ 525.00	30	6	11	5	4,221	844	0.00	0.00	215.72	\$2.43	\$3.73	\$15,000	\$560
Waterwise Landscape Rebate, MF	1 rebate	TBD	TBD	variable	TBD	20	0	0	0	TBD	Variable	TBD	Variable	Variable	Variable	Variable	\$50,000	\$0
Rainwater harvesting Non-Pressurized Capacity	1 gallon	0.05	0.05	10	\$ 0.62	200,000	22,638	138,754	50,270	10,137	1,147	0.01	0.00	0.19	\$3.35	\$12.23	\$102,500	\$4,468
Rainwater harvesting Pressurized Capacity	1 gallon	0.02	0.02	10	\$ 0.50	75,000	21,834	75,398	18,660	1,521	443	0.00	0.00	0.07	\$6.76	\$24.66	\$102,500	\$3,413
Regulatory																		
Commercial Facility Irrigation Compliant Assessments	1 Compliant Assessment	TBD	TBD	TBD	TBD	5,745	5,588	95%	94%	TBD	Variable	TBD	Variable	Variable	Variable	Variable	\$120,000	\$20,000
Commercial Vehicle Wash Efficiency Compliant Assessments	1 Compliant Assessment	681.82	681.82	10.00	\$ 90.91	213	193	96%	91%	145,227	131,591	0.15	0.13	2,488.64	\$0.04	\$0.13	\$20,000	\$3,333
																Total	\$1,005,125	\$31,111
																% of Goal		3.10%

Other Program Participation		
Education & Outreach		
Events / Booths Public Presentations School Presentations	January 2017	FY17 YTD
	90	1,437
	56	280
Water Waste Enforcement	2,502	9,591
Residential Fines/Citations Commercial/MF Fines/Citations Total Investigations	-	15
	2	29
	108	786
Construction Permits		
Residential Irrigation Commercial Irrigation	159	772
	10	42

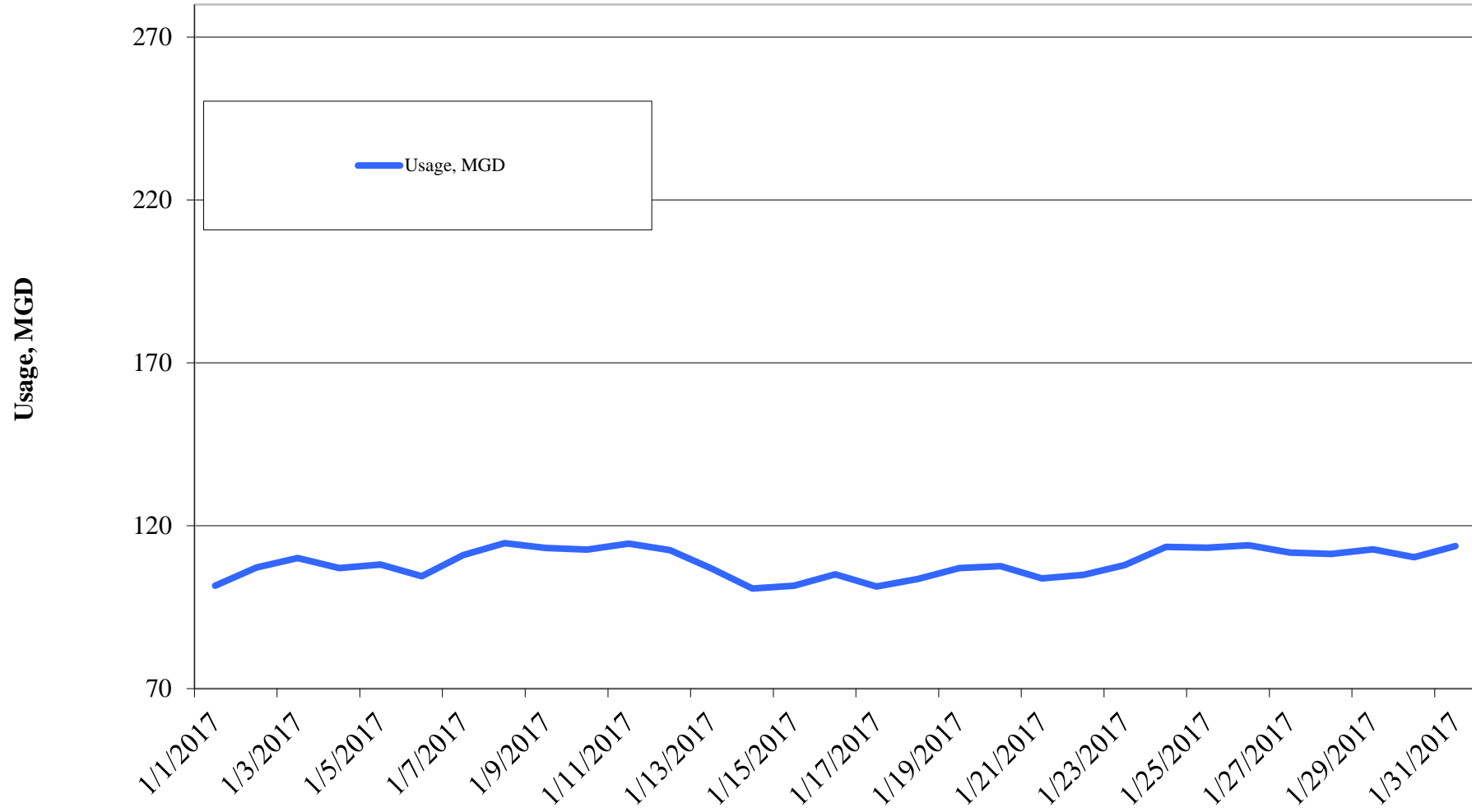
Reclaimed Water, MG	FY2017	FY2016	FY2015	FY2014	FY2013	FY2012	FY2011
Quarter I	319.65	280.08	249.39	232.52	355.06	387.37	347.61
Quarter II		281.32	199.69	155.12	306.31	306.78	225.33
Quarter III		336.04	296.47	284.84	347.78	380.87	377.83
Quarter IV		429.05	484.63	431.06	462.43	445.61	499.09
Total	319.65	1,326.49	1,230.18	1,103.54	1,471.58	1,520.63	1,449.86

Cost Benchmarks		
Benchmark	Peak, \$/gallon of capacity	Average, \$/kgal
Variable Water Treatment and Distribution Costs	N/A	\$0.35 (approximate)
System Expansion	\$3.75+ (approximate)	N/A
Avoided LCRA Payments	N/A	\$0.28

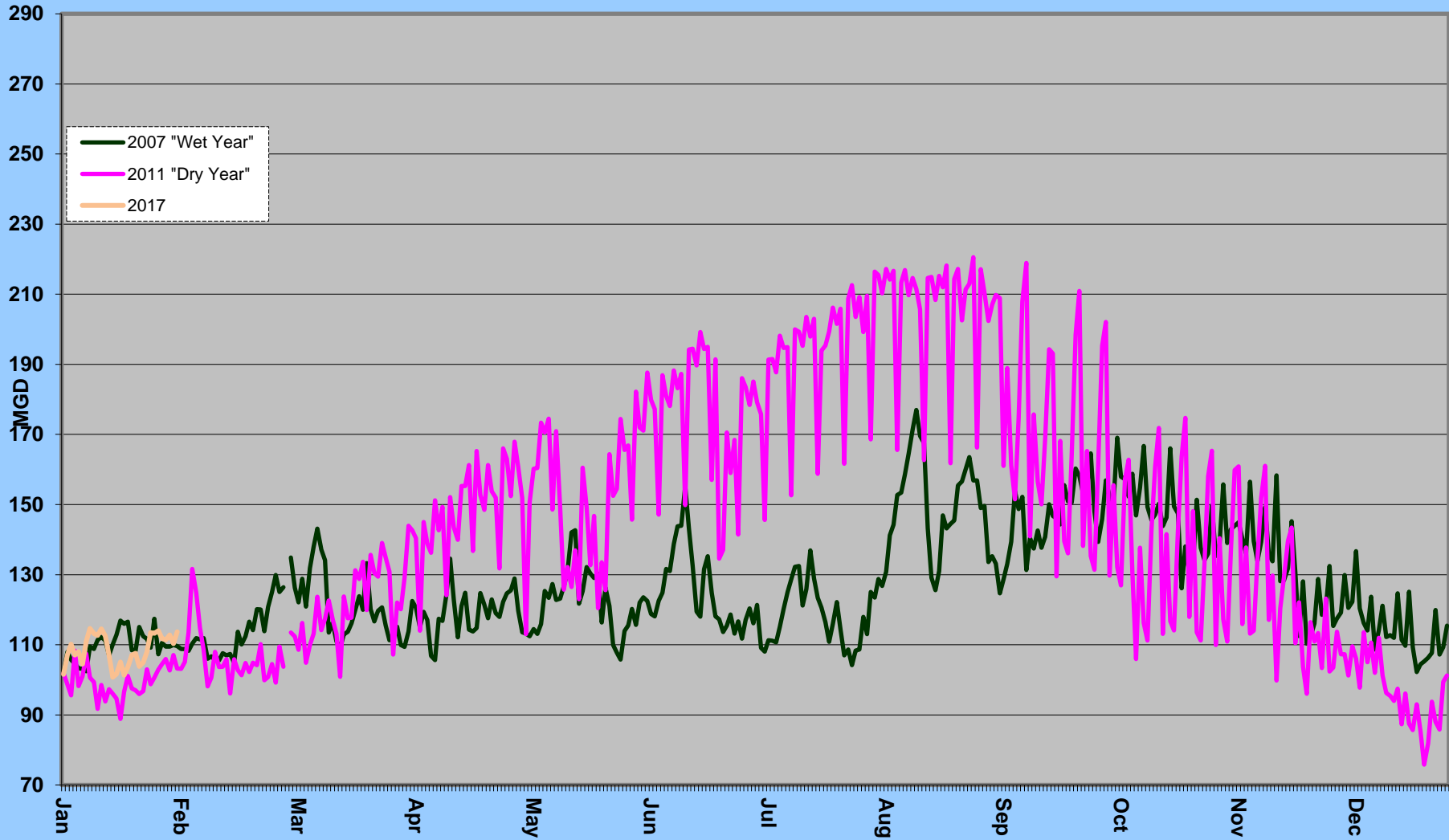
Total Cumulative Water Savings Projected for FY 2017

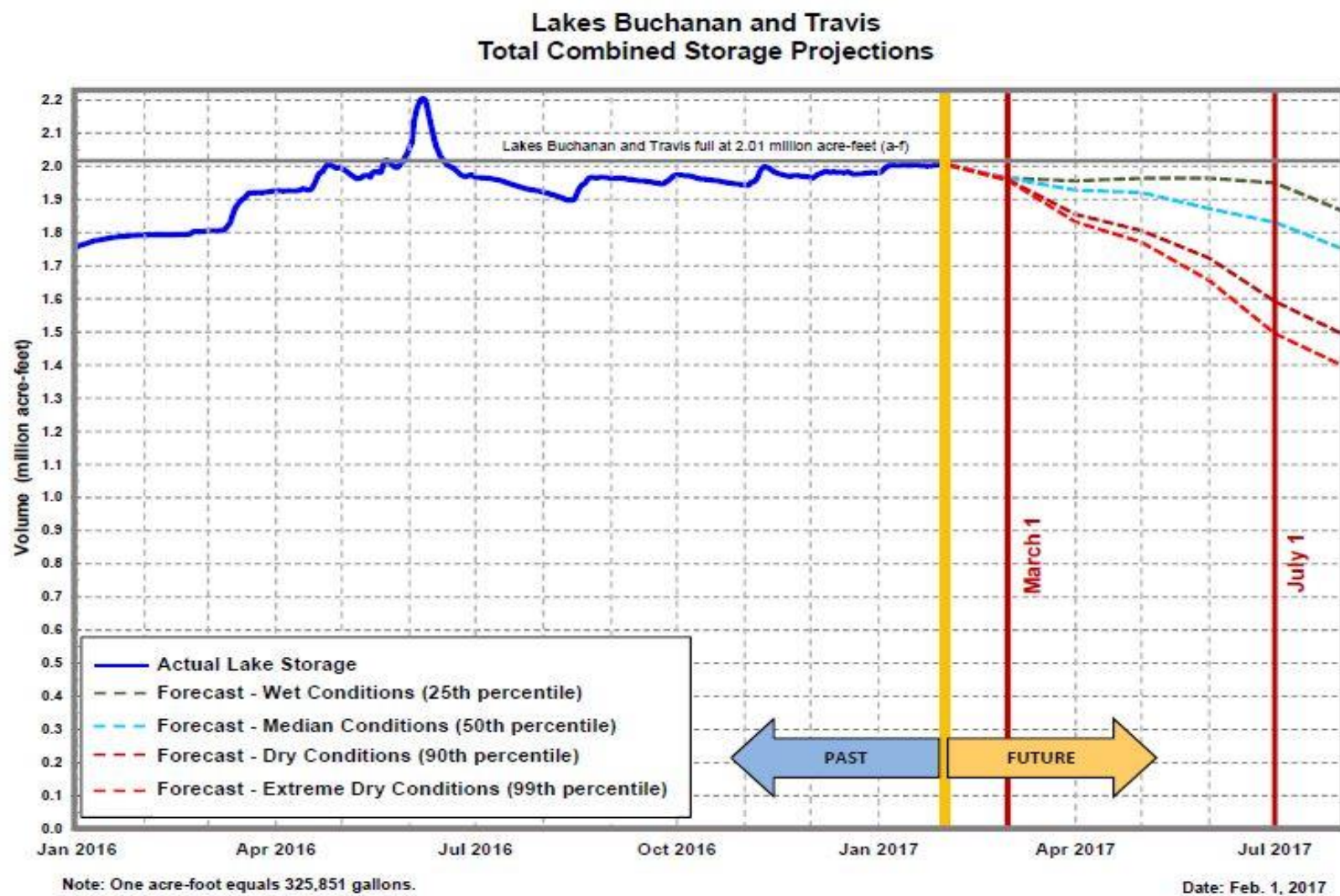


Daily Water Usage, January 2017



Water Usage Multiyear





City of Austin
Drought
Contingency Plan
Drought
Response Stage
Triggers:

Conservation
Stage:
 Above 1.4 MAF

Stage I:
 1.4 MAF

Stage II:
 900,000 AF

Stage III:
 600,000 AF

Emergency
Response
Stage IV:
 Catastrophic
 event including
 prolonged
 drought

Source: LCRA

Highland lakes storage summary as of January 31, 2017

Combined lake storage: 1.980 million acre feet

Combined reservoir total: 98% full