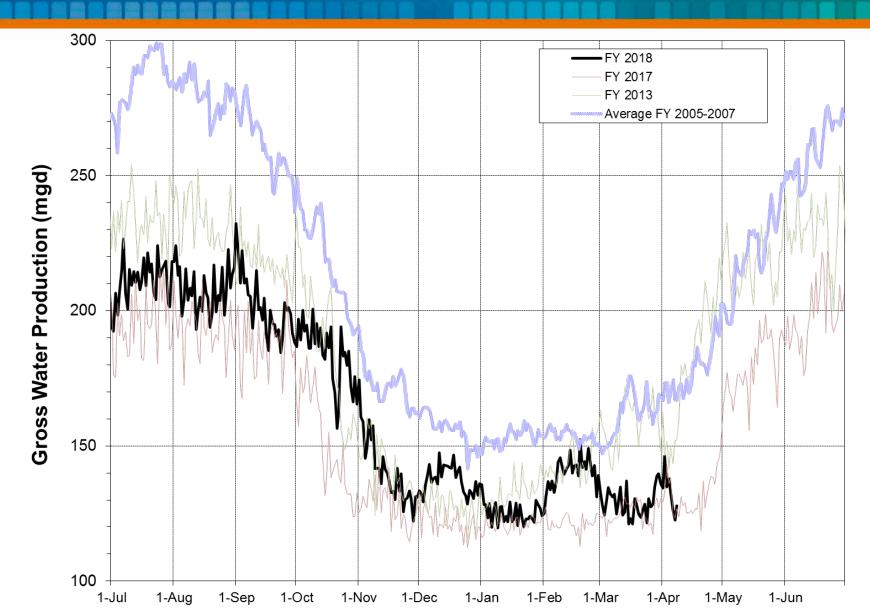
Water Supply Update

Board of Directors Meeting April 10, 2018

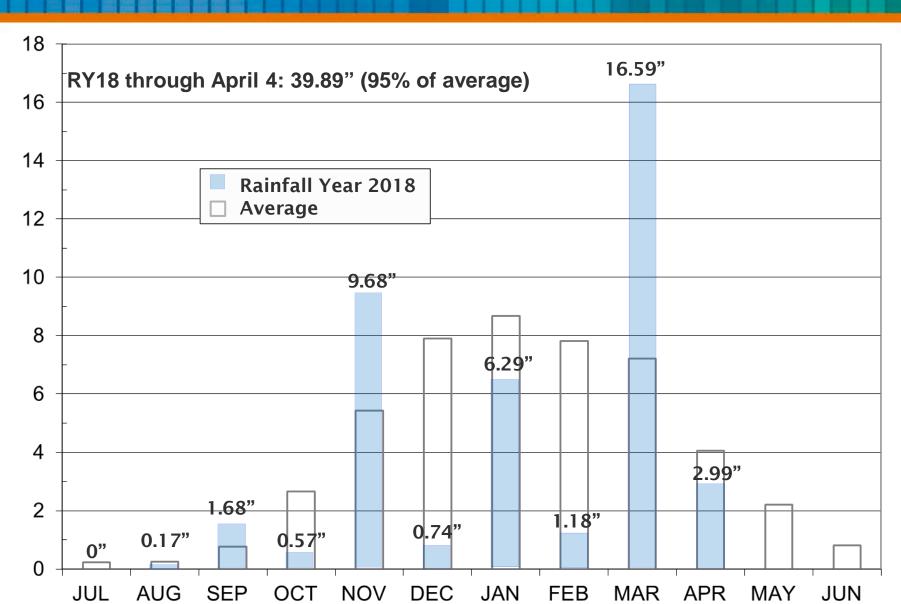
Gross Water Production





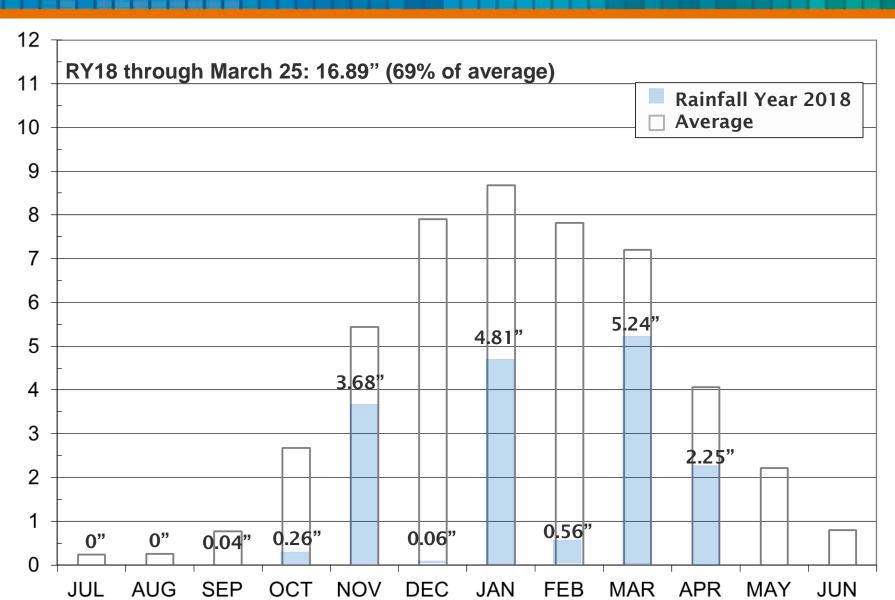
Mokelumne Precipitation





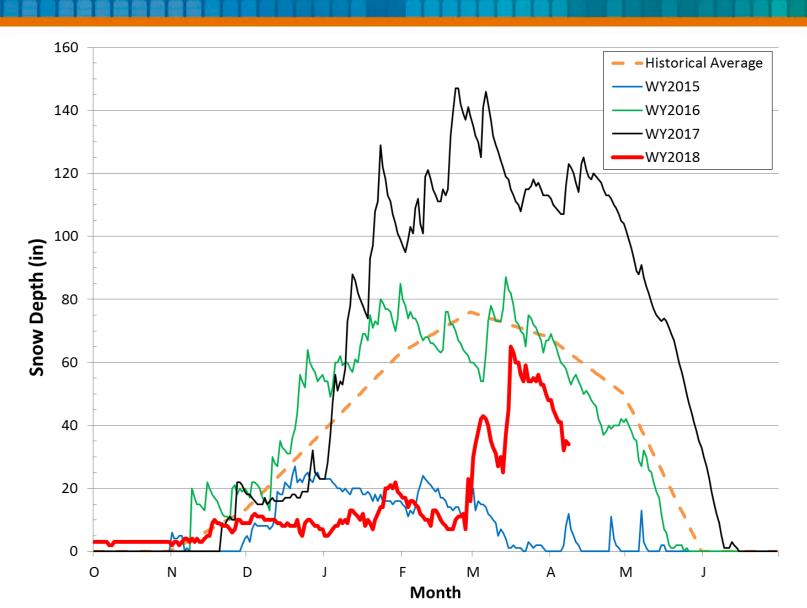
East Bay Precipitation





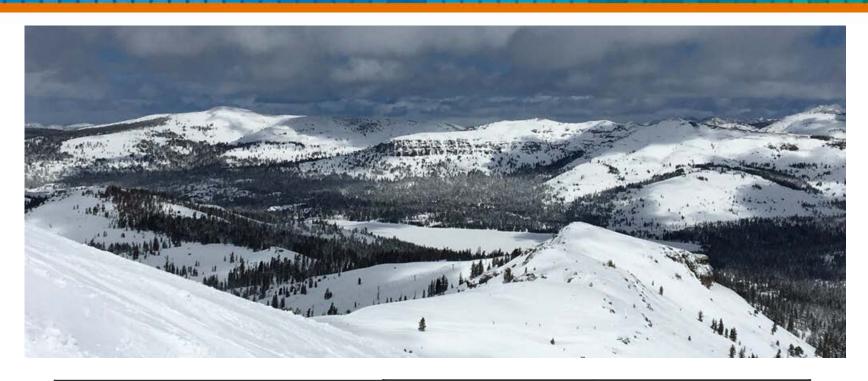
Caples Lake Snow Depth











As of 4/8/2018	Inches	% of Average
Caples Lake Snow Depth	34.00"	54%
Caples Lake Snow Water Content	13.26"	49%

Reservoir Storage

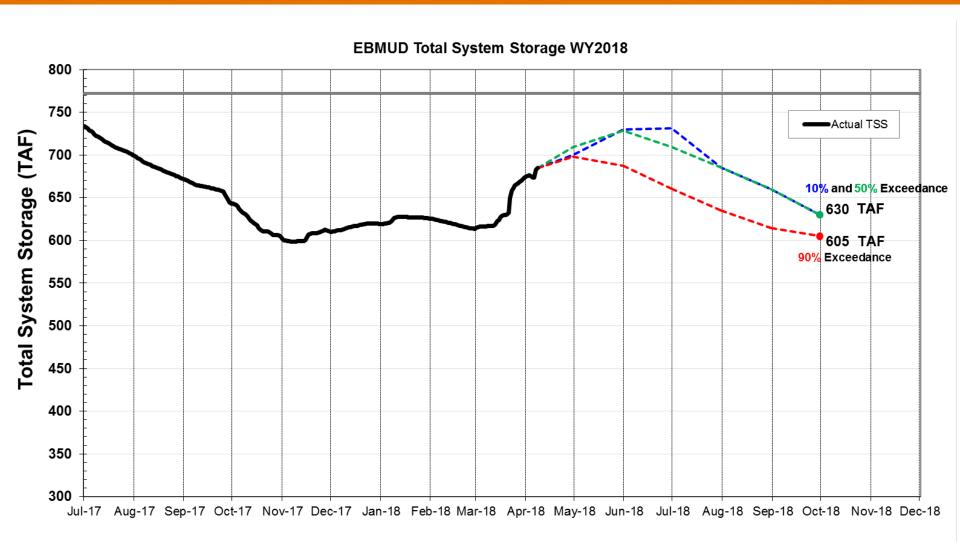




As of 4/8/2018	Current Storage	Percent of Average	Percent of Capacity
Pardee	202,250 AF	108%	99%
Camanche	343,710 AF	114%	82%
East Bay	138,740 AF	99%	92%
Total System	684,700 AF	109%	89%

Water Supply Projections EBMUD Total System Storage 2018





Questions?





Pardee Spillway



WATER SUPPLY ENGINEERING DAILY REPORT

Monday, April 9, 2018

RESERVOIR STORAGE AND ELEVATION

San Pablo WTP 0 30 Mokelumne River Natural Flow 4880 Sobrante WTP 0 50 Pardee Reservoir Inflow 3291 Upper San Leandro WTP 0 45 Pardee Release to Camanche Res. 1801 Walnut Creek WTP 27.3 90 Pardee Release to JVID Camanche Release to Mokel. River 2365	RESERVOIR STORAGE AND ELEVATION									
MOKELUMNE Feet Loss Loss Ac-Ft Joss Feet Ac-Ft Cfs	$\underline{\mathbf{w}}$	ATER	SURFACE	STORA	AGE	MAXIMUM (CAPACITY	-		
Pardee 568.11 1.15 204840 2590 567.65 203795 1801 100 Camanche 225.07 -0.18 342490 -1220 235.5 417120 2365 0 EAST BAY Briones 572.36 -0.02 56330 -20 576.14 58960 0 0 0 Chabot 226.26 0.03 10020 10 227.25 10350 0 0 0 San Pablo 311.98 0.06 37200 50 313.68 38600 0 0 0 Upper San Leandro 450.36 0.09 31950 60 459.98 38905 0 0 TOTAL SYSTEM STORAGE 686170 1470 771980 771980 771980 771980 771980 771980 771980 771980 771980 771980 771980 771980 771980 771980 771980 771980 771980 771980 771980 771980 771980 771980	Ele	vation	+Gain		+Gain	Elevation	Storage		Release	Spill
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Briones	Pardee	68.11		204840	2590	567.65	203795		1801	100
Briones 572.36 -0.02 56330 -20 576.14 58960 0 0 Chabot 226.26 0.03 10020 10 227.25 10350 0 0 Lafayette 441.56 0 3340 0 449.16 4250 0 0 San Pablo 311.98 0.06 37200 50 313.68 38600 0 0 0 Upper San Leandro 450.36 0.09 31950 60 459.98 38905 0 0 Total East Bay Res. 138840 100 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065 151065		25.07	-0.18	342490	-1220	235.5	417120		2365	0
Chabot 226.26 0.03 10020 10 227.25 10350 0 0 Lafayette 441.56 0 3340 0 449.16 4250 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	· ·									
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Storage Operating MG Capacity Line 1 19 THROTTLE Today	DISTRIBUTION	N SY	STEM		MOKELUMNE SYSTEM					
MG Capacity Today Line 1 19 THROTTLE Today 346 720 Line 2 34.8 THROTTLE Total Previous Day 364 Line 3 57.9 THROTTLE Total Change -18 TOTAL 111.7 173 Cfs WATER PRODUCTION Million Capacity Mok 1 0 AND DEMAND Gallons MGD Mok 2 0 Lafayette WTP 0 25 0 MG Orinda WTP 87 190 RIVER FLOWS AND RELEASES Cfs San Pablo WTP 0 30 Mokelumne River Natural Flow 4880 Sobrante WTP 0 50 Pardee Reservoir Inflow 329 Upper San Leandro WTP 0 45 Pardee Release to Camanche Res. 180 Walnut Creek WTP 27.3 90 Pardee Release to Mokel. River 2365 TOTAL SURFACE PRODUCTION 114.3 430	DISTRIBUTION RESERVOIR	<u>S</u>				<u>AQU</u>	JEDUCT D	ELIVERII	<u>ES</u>	
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WATER PRODUCTION AND DEMAND Gallons Gallons MGD Lafayette WTP Orinda WTP San Pablo WTP Sobrante WTP Upper San Leandro WTP Walnut Creek WTP Do 45 Walnut Creek WTP Do 45 TOTAL SURFACE PRODUCTION Million Capacity Mok 1 O Mok 2 O RIVER FLOWS AND RELEASES O RIVER FLOWS AND RELEASES Pardee Reservoir Inflow ABO Pardee Release to Camanche Res. Pardee Release to JVID Camanche Release to Mokel. River Camanche Release to Mokel. River Capacity Mok 1 O Pardee Release to Mokel. River Camanche Release to Mokel. River Camanche Release to Mokel. River	-									
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AND DEMAND Gallons MGD Mok 2 0 Lafayette WTP 0 25 0 MG Orinda WTP 87 190 RIVER FLOWS AND RELEASES Cf. San Pablo WTP 0 30 Mokelumne River Natural Flow 4880 Sobrante WTP 0 50 Pardee Reservoir Inflow 3291 Upper San Leandro WTP 0 45 Pardee Release to Camanche Res. 1801 Walnut Creek WTP 27.3 90 Pardee Release to JVID Camanche Release to Mokel. River 2365 TOTAL SURFACE PRODUCTION 114.3 430 430 Camanche Release to Mokel. River 2365	WATER PROPRIETION		3.6'11'	G				JCTS (Me	asured at Br	andt), MG
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Walnut Creek WTP 27.3 90 Pardee Release to JVID Camanche Release to Mokel. River 2365 TOTAL SURFACE PRODUCTION 114.3 430										
Camanche Release to Mokel. River 2365 TOTAL SURFACE PRODUCTION 114.3 430								che Res.		
TOTAL SURFACE PRODUCTION 114.3 430	Walnut Creek WTP		27.3	90				1 1 D'		0
	TOTAL SUBEACE PRODUCT	ION	11/12	420		Camanche Re	lease to Mo	kel. River		2365
M_{1000} [100] Margallana M_{100} [100] Margallana M_{1000} [100] Margallana M	Miscellaneous(Estimated)	ION	0.4	430		DC&ECO ST	FOD AGE (Acra faat)		
Miscellaneous(Estimated) 0.4 <u>PG&E CO. STORAGE (Acre-feet)</u> TOTAL WATER PRODUCTION 114.7 Maximum	· · · · · · · · · · · · · · · · · · ·	N				I Gal Co. S	IONAGE (A	ACIE-IEEL)	Maximum	
Change in Distribution System -18 Storage Change Capacity	<u> </u>						Storage	Change		
Wash Water from Distribution Sys. 0 Old Reservoirs 14192 147 26560	- ·				Old Re	eservoirs		_		
		Dys.								
<u>SYSTEM DEMAND</u> 132.7 Salt Springs Res. 94634 2089 141857					-	. •				
East-of-Hills Demand 26.2 Lower Bear Res. <u>39642</u> <u>916</u> <u>52025</u> West-of-Hills Demand 106.5 Total 148468 3152 220442						Bear Res.				
		ON: 4			Total	DDE CIDITE			220442	
	RAW WATER TRANSMISSION Ac-ft							ches)		
INPUT DRAFT THIS YEAR AVERAGE YEAR						THIS Y	EAR_		AVERAGI	E YEAR
Briones Res. 0 0										
San Pablo Res. 0 0 STATION This Season Season Season				STATION	[
U. San Leandro Res. 0 0 <u>Today Month to-Date to-Date Total</u>	U. San Leandro Res.	0	0			<u>Today</u>				
USL WTP 0 3 17.88 23.06 25.33						0				
TOTAL 0 0 Orinda WTP 0 2.44 23.06 29.28 32.06		0	0							
REMARKS Lafayette Reservoir 0 1.5 15.89 25.83 28.18				-						
WID Canal Diversion = 45 cfs Walnut Creek WTP 0 1.91 19.95 21.34 23.02						0				
Mokelumne River below WID = $2,306 \text{ cfs}$ Camp Pardee 0 2.6 18.97 19.05 21.56	Mokelumne River below WID	2,306	6 cfs	_		0				
Salt Springs P.H. 0 2.72 36.07 39.6 45.51				Salt Spring	gs P.H.	0	2.72	36.07	39.6	45.51
CAPLES LAKE (7,830 FT) DATA					CAI	PLES LAKE (7,8	330 FT) DA	<u>TA</u>		
PG&E data as of 4:00 pm previous date. Today Average	PG&E data as of 4:00 pm previ	us dat	te.			Today		Average		
All other data as of midnight. Snow Depth 34 Inches 63 Inches				Snow Dep	th	34 Inches		63 Inches		
WTP capacities are sustainable rates. Water Content 13.0 Inches 27.0 Inches	WTP capacities are sustainable	ates.		Water Cor	ntent	13.0 Inches	27	7.0 Inches		