WATER MANAGEMENT PLAN UPDATE
MODEL DEMANDS 1-4-2019 VERSION

	DEMAND CATEGORY / PARAMETER	AVERAGE MODEL DEMANDS (1940-2016)	MAXIMUM MODEL DEMANDS (1940-2016)	UNITS
	Firm Demands			
	City of Austin - Municipal Demand	**192,100**	**218,647**	**ac-ft**
	FPP Demand	11,300	17,903	ac-ft
	Ferguson Demand	1,827	1,827	ac-ft
	LCRA - Power Plant Demand	**13,127**	**19,730**	**ac-ft**
	City of Austin at FPP Demand	6,500	10,337	ac-ft
	City of Austin at Decker Demand	5,300	8,291	ac-ft
	City of Austin - Power Plant Demand	**11,800**	**18,628**	**ac-ft**
	Bastrop Energy Partners	2,325	2,325	ac-ft
	Miscellaneous Firm Contract Demand	77,400	84,926	ac-ft
	Domestic Use	4,700	5,120	ac-ft
	BRA - HB 1437 Demand	4,400	4,812	ac-ft
	Pflugerville Demand	9,000	9,825	ac-ft
	Leander Demand	9,800	10,739	ac-ft
	Matagorda Manufacturing and Mining Demand	13,400	14,673	ac-ft
	Other Municipal and Industrial Demands	**121,025**	**132,420**	**ac-ft**
	Total Firm Demand:	**338,100**	**389,425**	**ac-ft**
	STPNOC Demand from Cooling Reservoir	**39,403**	**39,403**	**ac-ft**
	Corpus Christi Garwood Water Right	**35,000**	**35,000**	**ac-ft**
	Interruptible Agricultural Demand			
	Garwood Irrigation Demand	88,000	100,000	ac-ft
1	Gulf Coast Irrigation Demand	139,000	156,700	ac-ft
	Lakeside Irrigation Demand	114,000	135,300	ac-ft
	Pierce Ranch Irrigation Demand	27,000	30,000	ac-ft
	Interruptible Agricultural Demand:	**368,000**	**422,000**	**ac-ft**

Note: Model includes a 20,000 ac-ft/yr demand representing conveyance adjustments and emergency releases amounting to an average of 30 cfs on a daily basis. These releases include hydropower roundup and other adjustments to help meet downstream demands, given highly variable downstream gains and losses.

This information is for discussion only.
This is not a forecast of future conditions.

WATER MANAGEMENT PLAN - SCENARIO RUNS
PERIOD-OF-RECORD QUICK SUMMARY
Prepared for WMP update

	PERIOD-OF-RECORD RESULTS (1940 - 2016) DEMAND CATEGORY / PARAMETER	1-4-2019 Run	UNITS
REF	**Firm Demands**		
	Maximum Firm Demand:	389,425	ac-ft
	Maximum Firm Supply:	**389,425**	ac-ft
REF	**Lake Level**		
[1]	% of months combined storage below 900,000 ac-ft	3%	
[2]	% of months combined storage below 600,000 ac-ft	0%	
[3]	Minimum combined storage in lakes Buchanan and Travis	661,879	ac-ft
REF	**Interruptible Irrigation - All Divisions**		
[4]	Number of years first crop partially curtailed	5	yr
[5]	Number of years no stored water available for first crop	11	yr
[6]	Number of years first crop cut-off mid-season	1	
[7]	Number of years second crop partially curtailed	4	yr
[8]	Number of years no stored water available for second crop	15	yr
[9]	Number of years second crop cut-off mid-season	0	
REF	**Environmental - Bay and Estuary (B&E)**		
[10]	Average annual Matagorda Bay inflow volume	1,610,105	ac-ft
[11]	Average monthly salinity in Matagorda Bay	22	ppt
[12]	Max # of sequential months Matagorda Bay salinity exceeds 27.5 ppt	21	
[13]	% of months Threshold inflow criteria are met (Goal 100%)	95%	
[14]	% of months Subsistence IF criteria met at Columbus (Goal 100%)	100%	

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WATER MANAGEMENT PLAN - SCENARIO RUNS
DROUGHT QUICK SUMMARY
Prepared for WMP update

	***DROUGHT* RESULTS (January 2010 - December 2015)** DEMAND CATEGORY / PARAMETER	1-4-2019 Run	UNITS
REF	**Firm Demands**		
	Maximum Firm Demand:	389,425	ac-ft
	Maximum Firm Supply:	**389,425**	ac-ft
REF	**Lake Level**		
[1]	% of months combined storage below 900,000 ac-ft	32%	
[2]	% of months combined storage below 600,000 ac-ft	0%	
[3]	Minimum combined storage in lakes Buchanan and Travis	661,879	ac-ft
REF	**Interruptible Irrigation - All Divisions**		
[4]	Number of years first crop partially curtailed (out of 6 years)	0	yr
[5]	Number of years no stored water available for first crop (out of 6 years)	4	yr
[6]	Number of years first crop cut-off mid-season (out of 6 years)	0	
[7]	Number of years second crop partially curtailed (out of 6 years)	0	yr
[8]	Number of years no stored water available for second crop (out of 6 years)	5	yr
[9]	Number of years second crop cut-off mid-season (out of 6 years)	0	
REF	**Environmental - Bay and Estuary (B&E)**		
[10]	Average annual Matagorda Bay inflow volume	957,350	ac-ft
[11]	Average monthly salinity in Matagorda Bay	25	ppt
[12]	Max # of sequential months Matagorda Bay salinity exceeds 27.5 ppt	14	
[13]	% of months Threshold inflow criteria are met (Goal 100%)	86%	
[14]	% of months Subsistence IF criteria met at Columbus (Goal 100%)	100%	

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WATER MANAGEMENT PLAN - SCENARIO RUNS

***PERIOD-OF-RECORD* RESULTS SUMMARY**

Prepared for WMP Update

REF	*PERIOD-OF-RECORD* RESULTS (1940 - 2016) DEMAND CATEGORY / PARAMETER	1-4-2019 Run Period-of-Record Average	1-4-2019 Run Maximum Demand (2011)	UNITS
REF	**Firm Demands**			
[1]	City of Austin - Municipal Demand	192,138	218,647	ac-ft
[2]	Annual **run-of-river water** diverted by City of Austin - Municipal	140,964	97,540	ac-ft
[3]	Annual **stored water** diverted by City of Austin - Municipal	45,052	114,985	ac-ft
[4]	Annual **direct reuse** by City of Austin	6,122	6,122	ac-ft
	Average Total Supply:	**192,138**	**218,647**	ac-ft
[5]	LCRA - Power Plant Demand	13,167	19,730	ac-ft
[6]	Annual **run-of-river water** diverted by LCRA - Power (Garwood)	3,082	4,417	ac-ft
[7]	Annual **stored water** diverted by LCRA - Power	10,086	15,313	ac-ft
	Average Total Supply:	**13,167**	**19,730**	ac-ft
[8]	City of Austin - Power Plant Demand	11,799	18,628	ac-ft
[9]	Annual **run-of-river water** diverted by City of Austin - Power	5,664	4,566	ac-ft
[10]	Annual **stored water** diverted by City of Austin - Power	6,135	14,062	ac-ft
	Average Total Supply:	**11,800**	**18,628**	ac-ft
[11]	Other Municipal and Industrial Demands	120,908	132,420	ac-ft
[12]	Annual **run-of-river water** diverted by Other M&I	7,133	7,037	ac-ft
[13]	Annual **run-of-river water** diverted by Other M&I (Garwood)	29,729	28,583	ac-ft
[14]	Annual **stored water** diverted by Other M&I	83,603	90,485	ac-ft
[15]	Annual **Arbuckle Reservoir water** diverted by Other M&I	444	6,316	ac-ft
	Average Total Supply:	**120,908**	**132,420**	ac-ft
	Average Firm Demand:	338,013	389,425	ac-ft
	Average Firm Supply:	**338,013**	**389,425**	ac-ft
[16]	Annual **net evaporation** from lakes Buchanan and Travis	82,398	138,500	ac-ft
[17]	% of months combined storage below 900,000 ac-ft	3%	0%	
[18]	% of months combined storage below 600,000 ac-ft	0%	0%	
[19]	Annual **run-of-river** water diverted by STPNOC	49,588	5,700	ac-ft
[20]	Annual **stored water** diverted by STPNOC	138	0	ac-ft
[21]	Annual **Arbuckle Reservoir water** diverted by STPNOC	64	0	ac-ft
[22]	Annual flow at Bay City	1,621,604	199,800	ac-ft
[23]	% of months average Bay City flow below 300 cfs	15%	58%	
	Lake Level			
[24]	Maximum combined storage in lakes Buchanan and Travis	1,964,429		ac-ft
[25]	Average combined storage in lakes Buchanan and Travis	1,681,530		ac-ft
[26]	Minimum combined storage in lakes Buchanan and Travis	661,879		ac-ft
[27]	Minimum Elevation of lake Buchanan	992		ft msl
[28]	Minimum Elevation of lake Travis	611		ft msl

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WATER MANAGEMENT PLAN - SCENARIO RUNS
DROUGHT RESULTS SUMMARY
Prepared for WMP Update

REF	*DROUGHT* RESULTS (January 2010 - December 2015) DEMAND CATEGORY / PARAMETER	1-4-2019 Run Drought Average	UNITS
REF	**Firm Demands**		
[1]	City of Austin - Municipal Demand	201,967	ac-ft
[2]	Average annual **run-of-river water** diverted by City of Austin - Municipal	121,907	ac-ft
[3]	Average annual **stored water** diverted by City of Austin - Municipal	66,318	ac-ft
[4]	Average annual **direct reuse** by City of Austin	13,742	ac-ft
	Average Total Supply:	**201,967**	ac-ft
[5]	LCRA - Power Plant Demand	14,905	ac-ft
[6]	Average annual run-of-river water diverted by LCRA - Power (Garwood)	4,291	ac-ft
[7]	Average annual **stored water** diverted by LCRA - Power	10,614	ac-ft
	Average Total Supply:	**14,905**	ac-ft
[8]	City of Austin - Power Plant Demand	13,607	ac-ft
[9]	Average annual **run-of-river water** diverted by City of Austin - Power	6,937	ac-ft
[10]	Average annual **stored water** diverted by City of Austin - Power	6,671	ac-ft
	Average Total Supply:	**13,607**	ac-ft
[11]	Other Municipal and Industrial Demands	121,867	ac-ft
[12]	Average annual **run-of-river water** diverted by Other M&I	9,720	ac-ft
[13]	Average annual **run-of-river water** diverted by Other M&I (Garwood)	28,709	ac-ft
[14]	Average annual **stored water** diverted by Other M&I	79,895	ac-ft
[15]	Average annual **Arbuckle Reservoir water** diverted by Other M&I	3,542	ac-ft
	Average Total Supply:	**121,867**	ac-ft
	Average Firm Demand:	352,347	ac-ft
	Average Total Supply:	**352,347**	ac-ft
[16]	Average annual **net evaporation** from lakes Buchanan and Travis	69,687	ac-ft
[17]	% of months combined storage below 900,000 ac-ft	32%	
[18]	% of months combined storage below 600,000 ac-ft	0%	
[19]	Average annual **run-of-river** water diverted by STPNOC	48,744	ac-ft
[20]	Average annual **stored water** diverted by STPNOC	0	ac-ft
[21]	Average annual **Arbuckle Reservoir water** diverted by STPNOC	0	ac-ft
[22]	Average annual flow at Bay City	1,006,886	ac-ft
[23]	% of months average Bay City flow below 300 cfs	24%	
	Lake Level		
[24]	Total combined storage in lakes Buchanan and Travis	1,964,429	ac-ft
[25]	Average combined storage in lakes Buchanan and Travis	1,185,531	ac-ft
[26]	Minimum combined storage in lakes Buchanan and Travis	661,879	ac-ft
[27]	Minimum Elevation of lake Buchanan	992	ft msl
[28]	Minimum Elevation of lake Travis	611	ft msl

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WATER MANAGEMENT PLAN - SCENARIO RUNS
PERIOD-OF-RECORD RESULTS SUMMARY
Prepared for WMP update

REF	*PERIOD-OF-RECORD* RESULTS (1940 - 2016) DEMAND CATEGORY / PARAMETER	1-4-2019 Run	UNITS
REF	**Interruptible Irrigation - All Divisions**		
[1]	Maximum annual irrigation demand	422,003	ac-ft
[2]	Average annual irrigation demands	368,201	ac-ft
[3]	Average annual **run-of-river water** diverted for irrigation	182,741	ac-ft
[4]	Average annual interruptible **stored water** diverted for irrigation	68,532	ac-ft
[5]	Average annual **Arbuckle Reservoir water** diverted for irrigation	70,375	ac-ft
	Average Total Supply:	**321,649**	ac-ft
[6]	Average % of irrigation demand met	86%	
	Agricultural reliability:		
[7]	% of months that full irrigation demands are met	78%	
[8]	% of years that full irrigation demands are met	75%	
[9]	% of years that full first crop demands are met	79%	
[10]	% of years that full second crop demands are met	75%	
[11]	Number of years first crop partially curtailed	5	yr
[12]	Number of years no stored water available for first crop	11	yr
[13]	Number of years second crop partially curtailed	4	yr
[14]	Number of years no stored water available for second crop	15	yr

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WATER MANAGEMENT PLAN - SCENARIO RUNS
ADDITIONAL RESULTS
Prepared for WMP update

	ADDITIONAL RESULTS (1940 - 2016) DEMAND CATEGORY / PARAMETER	1-4-2019 Run	UNITS
REF	**Environmental - Bay and Estuary (B&E)**		
	2008 Matagorda Bay Health Evaluation (MBHE) Criteria:		
[1]	% of months Threshold inflow criteria are met (Study Goal 100%)	95%	
[2]	% of years All MBHE-1 criteria are met (Study Goal 90%)	70%	
[3]	% of years All MBHE-2 criteria are met (Study Goal 75%)	56%	
[4]	% of years All MBHE-3 criteria are met (Study Goal 60%)	44%	
[5]	% of years All MBHE-4 criteria are met (Study Goal 35%)	39%	
[6]	Total Drought average annual **stored water or storable inflow** released to help meet Environmental Criteria	**60,378**	
[7]	Average annual stored water or storable inflow released to help meet MBHE criteria (POR/Drought)	14679 / 0	ac-ft
[8]	Average annual stored water or SI released to help meet MBHE Threshold criteria (POR/Drought)	1013 / 0	ac-ft
[9]	Average annual stored water or SI released to help meet MBHE-1 criteria (POR/Drought)	46 / 0	ac-ft
[10]	Average annual stored water or SI released to help meet MBHE-2 criteria (POR/Drought)	4531 / 0	ac-ft
[11]	Average annual stored water or SI released to help meet MBHE-3 criteria (POR/Drought)	8812 / 0	ac-ft
[12]	Average annual stored water or SI released to help meet MBHE-4 criteria (POR/Drought)	277 / 0	ac-ft
[13]	Average annual Arbuckle Reservoir water released to help meet MBHE criteria (POR/Drought)	27931 / 1023	ac-ft
[14]	Average annual Arbuckle Reservoir water released to help meet MBHE Threshold criteria (POR/Drought)	5702 / 1023	ac-ft
[15]	Average annual Arbuckle Reservoir water released to help meet MBHE-1 criteria (POR/Drought)	331 / 0	ac-ft
[16]	Average annual Arbuckle Reservoir water released to help meet MBHE-2 criteria (POR/Drought)	3196 / 0	ac-ft
[17]	Average annual Arbuckle Reservoir water released to help meet MBHE-3 criteria (POR/Drought)	15342 / 0	ac-ft
[18]	Average annual Arbuckle Reservoir water released to help meet MBHE-4 criteria (POR/Drought)	3359 / 0	ac-ft
[19]	Average annual additional Arbuckle release for Threshold beyond storable inflow obligation (POR/Drought)	1243 / 7486	ac-ft
	Environmental - Instream Flow (IF)		
[20]	% of months Subsistence IF criteria met at Bastrop (Study Goal 100%)	100.0%	
[21]	% of months Subsistence IF criteria met at Columbus (Study Goal 100%)	100.0%	
[22]	% of months Subsistence IF criteria met at Wharton (Study Goal 100%)	99.8%	
[23]	% of months Base-Dry IF criteria met at Bastrop (Study Goal 80%)	98.6%	
[24]	% of months Base-Dry IF criteria met at Columbus (Study Goal 80%)	85.7%	
[25]	% of months Base-Dry IF criteria met at Wharton (Study Goal 80%)	76.8%	
[26]	% of months Base-Average IF criteria met at Bastrop (Study Goal 60%)	78.9%	
[27]	% of months Base-Average IF criteria met at Columbus (Study Goal 60%)	68.3%	
[28]	% of months Base-Average IF criteria met at Wharton (Study Goal 60%)	56.0%	
[30]	Average annual stored water or storable inflow released to meet Habitat Team IF criteria (POR/Drought)	71353 / 60378	ac-ft
[31]	Average annual stored water or SI released to meet Habitat Team Subsistence criteria (POR/Drought)	24727 / 45807	ac-ft
[32]	Average annual stored water or SI released to meet Habitat Team Base-Dry criteria (POR/Drought)	40229 / 14572	ac-ft
[33]	Average annual stored water or SI released to meet Habitat Team Base-Average criteria (POR/Drought)	6397 / 0	ac-ft

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GULF COAST
WATER MANAGEMENT PLAN - SCENARIO RUNS
PERIOD-OF-RECORD RESULTS SUMMARY
Prepared for WMP update

	PERIOD-OF-RECORD **RESULTS (1940 - 2016)** **DEMAND CATEGORY / PARAMETER**	**1-4-2019 Run**	**UNITS**
REF	**Interruptible Irrigation - Gulf Coast**		
[1]	Maximum annual irrigation demand	156,691	ac-ft
[2]	Average annual irrigation demands	139,391	ac-ft
[3]	Average annual **run-of-river water** diverted for irrigation	36,040	ac-ft
[4]	Average annual interruptible **stored water** diverted for irrigation	9,552	ac-ft
[5]	Average annual **Arbuckle Reservoir water** diverted for irrigation	70,375	ac-ft
	Average Total Supply:	**115,967**	ac-ft
[6]	Average % of irrigation demand met	83%	
	Agricultural reliability:		
[7]	% of months that full irrigation demands are met	78%	
[8]	% of years that full irrigation demands are met	75%	
[9]	% of years that full first crop demands are met	79%	
[10]	% of years that full second crop demands are met	75%	
[11]	Number of years first crop partially curtailed	5	yr
[12]	Number of years no stored water available for first crop	11	yr
[13]	Number of years second crop partially curtailed	4	yr
[14]	Number of years no stored water available for second crop	15	yr

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GULF COAST
WATER MANAGEMENT PLAN - SCENARIO RUNS
DROUGHT RESULTS SUMMARY
Prepared for WMP update

REF	DROUGHT RESULTS (January 2010 - December 2015) DEMAND CATEGORY / PARAMETER	1-4-2019 Run	UNITS
REF	**Interruptible Irrigation - Gulf Coast**		
[1]	Maximum annual irrigation demand	156,691	ac-ft
[2]	Average annual irrigation demands	138,483	ac-ft
[3]	Average annual **run-of-river water** diverted for irrigation	6,334	ac-ft
[4]	Average annual interruptible **stored water** diverted for irrigation	11,189	ac-ft
[5]	Average annual **Arbuckle Reservoir water** diverted for irrigation	21,970	ac-ft
	Average Total Supply:	**39,493**	ac-ft
[6]	Average % of irrigation demand met	29%	
	Agricultural reliability:		
[7]	% of months that full irrigation demands are met	27%	
[8]	% of years that full irrigation demands are met	42%	
[9]	% of years that full first crop demands are met	50%	
[10]	% of years that full second crop demands are met	42%	
[11]	Number of years first crop partially curtailed (out of 6 years)	0	yr
[12]	Number of years no stored water available for first crop (out of 6 years)	4	yr
[13]	Number of years second crop partially curtailed (out of 6 years)	0	yr
[14]	Number of years no stored water available for second crop (out of 6 years)	5	yr

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LAKESIDE
WATER MANAGEMENT PLAN - SCENARIO RUNS
PERIOD-OF-RECORD RESULTS SUMMARY
Prepared for WMP update

	PERIOD-OF-RECORD RESULTS (1940 - 2016) DEMAND CATEGORY / PARAMETER	1-4-2019 Run	UNITS
REF	**Interruptible Irrigation - Lakeside**		
[1]	Maximum annual irrigation demand	135,311	ac-ft
[2]	Average annual irrigation demands	114,086	ac-ft
[3]	Average annual **run-of-river water** diverted for irrigation	47,925	ac-ft
[4]	Average annual interruptible **stored water** diverted for irrigation	47,462	ac-ft
	Average Total Supply:	**95,387**	ac-ft
[6]	Average % of irrigation demand met	83%	
	Agricultural reliability:		
[7]	% of months that full irrigation demands are met	78%	
[8]	% of years that full irrigation demands are met	75%	
[9]	% of years that full first crop demands are met	79%	
[10]	% of years that full second crop demands are met	75%	
[11]	Number of years first crop partially curtailed	5	yr
[12]	Number of years no stored water available for first crop	11	yr
[13]	Number of years second crop partially curtailed	4	yr
[14]	Number of years no stored water available for second crop	15	yr

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LAKESIDE
WATER MANAGEMENT PLAN - SCENARIO RUNS
DROUGHT RESULTS SUMMARY
Prepared for WMP update

	DROUGHT RESULTS (January 2010 - December 2015) DEMAND CATEGORY / PARAMETER	1-4-2019 Run	UNITS
REF	**Interruptible Irrigation - Lakeside**		
[1]	Maximum annual irrigation demand	135,311	ac-ft
[2]	Average annual irrigation demands	117,897	ac-ft
[3]	Average annual **run-of-river water** diverted for irrigation	11,758	ac-ft
[4]	Average annual interruptible **stored water** diverted for irrigation	24,941	ac-ft
	Average Total Supply:	**36,700**	ac-ft
[6]	Average % of irrigation demand met	31%	
	Agricultural reliability:		
[7]	% of months that full irrigation demands are met	27%	
[8]	% of years that full irrigation demands are met	42%	
[9]	% of years that full first crop demands are met	50%	
[10]	% of years that full second crop demands are met	42%	
[11]	Number of years first crop partially curtailed (out of 6 years)	0	yr
[12]	Number of years no stored water available for first crop (out of 6 years)	4	yr
[13]	Number of years second crop partially curtailed (out of 6 years)	0	yr
[14]	Number of years no stored water available for second crop (out of 6 years)	5	yr

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PIERCE RANCH
WATER MANAGEMENT PLAN - SCENARIO RUNS
PERIOD-OF-RECORD RESULTS SUMMARY
Prepared for WMP update

REF	*PERIOD-OF-RECORD* RESULTS (1940 - 2016) DEMAND CATEGORY / PARAMETER	1-4-2019 Run	UNITS
REF	**Interruptible Irrigation - Pierce Ranch**		
[1]	Maximum annual irrigation demand	30,000	ac-ft
[2]	Average annual irrigation demands	26,827	ac-ft
[3]	Average annual **run-of-river water** diverted for irrigation	11,498	ac-ft
[4]	Average annual interruptible **stored water** diverted for irrigation	10,900	ac-ft
	Average Total Supply:	**22,398**	ac-ft
[6]	Average % of irrigation demand met	83%	
	Agricultural reliability:		
[7]	% of months that full irrigation demands are met	78%	
[8]	% of years that full irrigation demands are met	75%	
[9]	% of years that full first crop demands are met	79%	
[10]	% of years that full second crop demands are met	75%	
[11]	Number of years first crop partially curtailed	5	yr
[12]	Number of years no stored water available for first crop	11	yr
[13]	Number of years second crop partially curtailed	4	yr
[14]	Number of years no stored water available for second crop	15	yr

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PIERCE RANCH
WATER MANAGEMENT PLAN - SCENARIO RUNS
DROUGHT RESULTS SUMMARY
Prepared for WMP update

	DROUGHT RESULTS (January 2010 - December 2015) DEMAND CATEGORY / PARAMETER	1-4-2019 Run	UNITS
REF	**Interruptible Irrigation - Pierce Ranch**		
[1]	Maximum annual irrigation demand	30,000	ac-ft
[2]	Average annual irrigation demands	28,296	ac-ft
[3]	Average annual **run-of-river water** diverted for irrigation	2,405	ac-ft
[4]	Average annual interruptible **stored water** diverted for irrigation	5,960	ac-ft
	Average Total Supply:	**8,365**	ac-ft
[6]	Average % of irrigation demand met	30%	
	Agricultural reliability:		
[7]	% of months that full irrigation demands are met	27%	
[8]	% of years that full irrigation demands are met	42%	
[9]	% of years that full first crop demands are met	50%	
[10]	% of years that full second crop demands are met	42%	
[11]	Number of years first crop partially curtailed (out of 6 years)	0	yr
[12]	Number of years no stored water available for first crop (out of 6 years)	4	yr
[13]	Number of years second crop partially curtailed (out of 6 years)	0	yr
[14]	Number of years no stored water available for second crop (out of 6 years)	5	yr

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GARWOOD
WATER MANAGEMENT PLAN - SCENARIO RUNS
PERIOD-OF-RECORD RESULTS SUMMARY
Prepared for WMP update

	PERIOD-OF-RECORD RESULTS (1940 - 2016) DEMAND CATEGORY / PARAMETER	1-4-2019 Run	UNITS
REF	**Interruptible Irrigation - Garwood**		
[1]	Maximum annual irrigation demand	100,000	ac-ft
[2]	Average annual irrigation demands	87,897	ac-ft
[3]	Average annual **run-of-river water** diverted for irrigation	87,278	ac-ft
[4]	Average annual interruptible **stored water** diverted for irrigation	618	ac-ft
	Average Total Supply:	**87,897**	ac-ft
[6]	Average % of irrigation demand met	100%	
	Agricultural reliability:		
[7]	% of months that full irrigation demands are met	100%	
[8]	% of years that full irrigation demands are met	100%	
[9]	% of years that full first crop demands are met	100%	
[10]	% of years that full second crop demands are met	100%	
[11]	Number of years first crop partially curtailed	0	yr
[12]	Number of years no stored water available for first crop	0	yr
[13]	Number of years second crop partially curtailed	0	yr
[14]	Number of years no stored water available for second crop	0	yr

This information is for discussion only.
This is not a forecast of future conditions.

GARWOOD
WATER MANAGEMENT PLAN - SCENARIO RUNS
DROUGHT RESULTS SUMMARY
Prepared for WMP update

	DROUGHT RESULTS (January 2010 - December 2015) DEMAND CATEGORY / PARAMETER	1-4-2019 Run	UNITS
REF	**Interruptible Irrigation - Garwood**		
[1]	Maximum annual irrigation demand	100,000	ac-ft
[2]	Average annual irrigation demands	89,417	ac-ft
[3]	Average annual **run-of-river water** diverted for irrigation	88,211	ac-ft
[4]	Average annual interruptible **stored water** diverted for irrigation	1,206	ac-ft
	Average Total Supply:	**89,417**	ac-ft
[6]	Average % of irrigation demand met	100%	
	Agricultural reliability:		
[7]	% of months that full irrigation demands are met	100%	
[8]	% of years that full irrigation demands are met	100%	
[9]	% of years that full first crop demands are met	100%	
[10]	% of years that full second crop demands are met	100%	
[11]	Number of years first crop partially curtailed (out of 6 years)	0	yr
[12]	Number of years no stored water available for first crop (out of 6 years)	0	yr
[13]	Number of years second crop partially curtailed (out of 6 years)	0	yr
[14]	Number of years no stored water available for second crop (out of 6 years)	0	yr

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