WATER MANAGEMENT PLAN - SCENARIO RUNS 6/25/25
MODEL DEMANDS COMPARISON - NORMAL CONDITION

DEMAND CATEGORY / PARAMETER	2020 WMP with 2032 Conditions NORMAL[1] MODEL DEMANDS (1940-2023)	Preliminary WMP Update NORMAL[1] MODEL DEMANDS (1940-2023)	UNITS
Firm Demands			
City of Austin - Municipal Demand[2]	**186,123**	**186,123**	**a-f**
FPP Demand	12,634	12,634	a-f
Ferguson Demand	1,827	1,827	a-f
LCRA - Power Plant Demand	**14,461**	**14,461**	**a-f**
City of Austin at FPP Demand	7,295	7,295	a-f
City of Austin at Decker Demand[3]	0	0	a-f
City of Austin Sand Hill Demand[2]	1,250	1,250	a-f
STPNOC Demand from Cooling Reservoir	39,403	39,403	a-f
Bastrop Energy Partners	2,300	2,300	a-f
Other Power Plants[2]	**50,247**	**50,247**	**a-f**
Lometa	800	800	a-f
Miscellaneous Firm Contract Demand	87,829	87,829	a-f
Domestic Use	5,194	5,194	a-f
BRA - HB 1437 Demand	7,619	7,619	a-f
Pflugerville Demand	12,934	12,934	a-f
Leander Demand	16,159	16,159	a-f
Matagorda Manufacturing and Mining Demand	27,665	27,665	a-f
Other Municipal and Industrial Demands	**158,200**	**158,200**	**a-f**
Total Firm Demand[2]:	**409,032**	**409,032**	**a-f**
Other Demands of Interest:			
True Up Release	20,000	20,000	a-f
Corpus Christi Garwood Water Right	35,000	35,000	a-f
Interruptible Agricultural Demand			
Garwood Irrigation Demand	81,937	81,937	a-f
Gulf Coast Irrigation Demand	109,945	109,945	a-f
Lakeside Irrigation Demand	85,692	85,692	a-f
Pierce Ranch Irrigation Demand	24,101	24,101	a-f
Total Interruptible Agricultural Demand:	**301,676**	**301,676**	**a-f**

[1]If demands are modeled with a toggle between normal and high use, the normal demand value is provided. If demands are continuously weather-varied, the average of the period of record is provided.

[2]Includes City of Austin Municipal and Sand Hill Power Plant demand met from reuse.

Note: [3]Decker Power Plant previously was supplied with firm water backup for steam electric generation facilities that are no longer in operation.

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

WATER MANAGEMENT PLAN - SCENARIO RUNS 6/25/25
MODEL DEMANDS COMPARISON - MAX CONDITION

DEMAND CATEGORY / PARAMETER	2020 WMP with 2032 Conditions MAXIMUM MODEL DEMANDS (1940-2023)	Preliminary WMP Update MAXIMUM MODEL DEMANDS (1940-2023)	UNITS
Firm Demands			
City of Austin - Municipal Demand[2]	**209,934**	**209,934**	**a-f**
FPP Demand	17,903	17,903	a-f
Ferguson Demand	1,827	1,827	a-f
LCRA - Power Plant Demand	**19,730**	**19,730**	**a-f**
City of Austin at FPP Demand	10,337	10,337	a-f
City of Austin at Decker Demand[3]	0	0	a-f
City of Austin Sand Hill Demand[2]	1,250	1,250	a-f
STPNOC Demand from Cooling Reservoir	39,403	39,403	a-f
Bastrop Energy Partners	2,300	2,300	a-f
Other Power Plants[2]	**53,290**	**53,290**	**a-f**
Lometa	800	800	a-f
Miscellaneous Firm Contract Demand	101,449	101,449	a-f
Domestic Use	6,000	6,000	a-f
BRA - HB 1437 Demand	8,800	8,800	a-f
Pflugerville Demand	14,939	14,939	a-f
Leander Demand	18,665	18,665	a-f
Matagorda Manufacturing and Mining Demand	31,955	31,955	a-f
Other Municipal and Industrial Demands	**182,608**	**182,608**	**a-f**
Total Firm Demand[2]:	**465,562**	**465,562**	**a-f**
Other Demands of Interest:			
True Up Release	20,000	20,000	a-f
Corpus Christi Garwood Water Right	35,000	35,000	a-f
Interruptible Agricultural Demand			
Garwood Irrigation Demand	100,000	100,000	a-f
Gulf Coast Irrigation Demand	151,038	151,038	a-f
Lakeside Irrigation Demand	140,186	140,186	a-f
Pierce Ranch Irrigation Demand	30,001	30,001	a-f
Total Interruptible Agricultural Demand:	**421,225**	**421,225**	**a-f**

[2]Includes City of Austin Municipal and Sand Hill Power Plant demand met from reuse.

Note: [3]Decker Power Plant previously was supplied with firm water backup for steam electric generation facilities that are no longer in operation.

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WATER MANAGEMENT PLAN - SCENARIO RUNS 6/25/25
PERIOD OF RECORD SUMMARY
Prepared for WMP update

PERIOD OF RECORD RESULTS (1940 - 2023) DEMAND CATEGORY / PARAMETER	POR (1940-2023) 2020 WMP with 2032 Conditions	POR (1940-2023) Preliminary WMP Update	UNITS
Firm Demands			
Maximum Firm Demand:	465,562	465,562	a-f
Maximum Firm Supply[1]:	465,442	465,442	a-f
Lake Level			
# of months combined storage below 900,000 a-f	53	30	mo
% of months combined storage below 900,000 a-f	5%	3%	
# of months combined storage below 600,000 a-f	14	0	mo
% of months combined storage below 600,000 a-f	1%	0%	
Minimum combined storage in lakes Buchanan and Travis	499,445	633,755	a-f
Combined Storage Min 2008-2015	499,445	633,755	a-f
Combined Storage Min 2019-2023	545,925	694,205	a-f
Interruptible Irrigation - All Divisions			
Max stored Water Made Available First Crop	178,000	125,000	a-f
Number of years first crop stored water made available	72	70	yr
Number of years first crop partially curtailed	6	14	yr
Number of years no stored water available for first crop	12	14	yr
Number of years first crop cut-off mid-season (any time cut-off)	0	0	yr
Number of years first crop ran out of stored water	1	2	yr
Max stored Water Made Available Second Crop	66,000	66,000	a-f
Number of years second crop stored water made available	67	67	yr
Number of years second crop partially curtailed	3	10	yr
Number of years no stored water available for second crop	17	17	yr
Number of years second crop cut-off mid-season (any time cut-off)	0	0	yr
Environmental - Bay and Estuary (B&E)			
Average annual Matagorda Bay inflow volume	1,597,720	1,605,208	a-f
Average monthly salinity in Matagorda Bay	22	22	ppt
Max # of sequential months Matagorda Bay salinity exceeds 27.5 ppt	21	20	mo
% of months Threshold inflow criteria are met (Goal 100%)	97%	96%	
% of months Subsistence IF criteria met at Bastrop (Goal 100%)	100%	100%	

[1]Firm supply is slightly less than firm demand because the Lometa water right relies on streamflow above Lake Buchanan and is not fully satisfied at all times.

Note:

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WATER MANAGEMENT PLAN - SCENARIO RUNS 6/25/25
DROUGHT OF RECORD SUMMARY
Prepared for WMP update

DROUGHT OF RECORD **RESULTS (January 2008 - December 2015) DEMAND CATEGORY / PARAMETER**	**2020 WMP with 2032 Conditions**	**Preliminary WMP Update**	**UNITS**
Firm Demands			
Maximum Firm Demand:	465,562	465,562	a-f
Maximum Firm Supply[1]:	465,442	465,442	a-f
Lake Level			
# of months combined storage below 900,000 a-f	29	23	mo
% of months combined storage below 900,000 a-f	30%	24%	
# of months combined storage below 600,000 a-f	9	0	mo
% of months combined storage below 600,000 a-f	9%	0%	
Minimum combined storage in lakes Buchanan and Travis	499,445	633,755	a-f
Interruptible Irrigation - All Divisions			
Max stored Water Made Available First Crop	178,000	125,000	a-f
Number of years first crop stored water made available	4	4	yr
Number of years first crop partially curtailed	1	2	yr
Number of years no stored water available for first crop	4	4	yr
Number of years first crop cut-off mid-season (any time cut-off)	0	0	yr
Number of years first crop ran out of stored water	1	2	yr
Max stored Water Made Available Second Crop	66,000	66,000	a-f
Number of years second crop stored water made available	2	2	yr
Number of years second crop partially curtailed	0	0	yr
Number of years no stored water available for second crop	6	6	yr
Number of years second crop cut-off mid-season (any time cutt-off)	0	0	yr
Environmental - Bay and Estuary (B&E)			
Average annual Matagorda Bay inflow volume	827,770	819,106	a-f
Average monthly salinity in Matagorda Bay	26	26	ppt
Max # of sequential months Matagorda Bay salinity exceeds 27.5 ppt	14	14	mo
% of months Threshold inflow criteria are met (Goal 100%)	84%	82%	
% of months Subsistence IF criteria met at Bastrop (Goal 100%)	100%	100%	

[1]Firm supply is slightly less than firm demand because the Lometa water right relies on streamflow above Lake Buchanan and is not fully satisfied at all times.

Note:

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WATER MANAGEMENT PLAN - SCENARIO RUNS 6/25/25
FIRM DEMANDS AND COMBINED STORAGE RESULTS SUMMARY - PERIOD OF RECORD
Prepared for WMP Update

PERIOD OF RECORD RESULTS (1940 - 2023) DEMAND CATEGORY / PARAMETER	2020 WMP with 2032 Conditions Period of Record Average	Preliminary WMP Update Period of Record Average	UNITS
Firm Demands			
City of Austin - Municipal Demand	*190,942*	*190,942*	a-f
Annual **run-of-river water** diverted by City of Austin - Municipal	137,969	137,969	a-f
Annual **stored water** diverted by City of Austin - Municipal	46,677	46,677	a-f
Annual **direct reuse** by City of Austin	6,292	6,292	a-f
Average Total Supply:	**190,942**	**190,942**	a-f
LCRA - Power Plant Demand	*14,461*	*14,461*	a-f
Annual **run-of-river water** diverted by LCRA - Power (Garwood)	3,300	3,272	a-f
Annual **stored water** diverted by LCRA - Power	11,160	11,188	a-f
Average Total Supply:	**14,461**	**14,461**	a-f
City of Austin - Surface Water Power Plant Demand	*7,295*	*7,295*	a-f
Annual **run-of-river water** diverted by City of Austin - Power	3,098	3,156	a-f
Annual p**ass through** diverted by City of Austin - Power	1,671	1,647	a-f
Annual **stored water** diverted by City of Austin - Power	2,526	2,492	a-f
City of Austin - Direct Reuse Power Plant Demand	*1,250*	*1,250*	a-f
Annual **direct reuse** by Sand Hill Power Plant	1,250	1,250	a-f
Average Total Supply:	**8,545**	**8,545**	a-f
Other Municipal and Industrial Demands	*165,440*	*165,440*	a-f
Annual **run-of-river water** diverted by Other M&I	15,280	15,626	a-f
Annual **run-of-river water** diverted by Other M&I (Garwood)	29,700	29,728	a-f
Annual B&T **stored water** diverted by Other M&I	108,020	108,075	a-f
Annual **Arbuckle Reservoir water** diverted by Other M&I	11,870	11,530	a-f
Average Total Supply:	**165,410**	**165,410**	a-f
Average Firm Demand:	*379,387*	*379,387*	a-f
Average Firm Supply[1]:	**379,358**	**379,358**	a-f
Annual **net evaporation** from lakes Buchanan and Travis	81,604	82,901	a-f
% of months combined storage below 900,000 a-f	5%	3%	
% of months combined storage below 600,000 a-f	1%	0%	
Annual **run-of-river** water diverted by STPNOC	49,122	49,113	a-f
Annual **stored water** diverted by STPNOC	86	86	a-f
Annual **Arbuckle Reservoir water** diverted by STPNOC	14	14	a-f
Annual flow at Bay City	1,612,072	1,620,089	a-f
% of months average Bay City flow below 300 cfs	15%	15%	
Combined Storage Volume			
Maximum combined storage in lakes Buchanan and Travis	1,980,768	1,980,768	a-f
Average combined storage in lakes Buchanan and Travis	1,664,158	1,693,072	a-f
Minimum combined storage in lakes Buchanan and Travis	499,445	633,755	a-f

[1]Firm supply is slightly less than firm demand because the Lometa water right relies on streamflow above Lake Buchanan and is not fully satisfied at all times.

Note:

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WATER MANAGEMENT PLAN - SCENARIO RUNS 6/25/25
FIRM DEMANDS AND COMBINED STORAGE RESULTS SUMMARY - DROUGHT OF RECORD
Prepared for WMP Update

DROUGHT OF RECORD **RESULTS (January 2008 - December 2015) DEMAND CATEGORY / PARAMETER**	**2020 WMP with 2032 Conditions Drought Average**	**Preliminary WMP Update Drought Average**	**UNITS**
Firm Demands			
City of Austin - Municipal Demand	*201,005*	*201,005*	a-f
Average annual **run-of-river water** diverted by City of Austin - Municipal	124,264	124,264	a-f
Average annual **stored water** diverted by City of Austin - Municipal	70,445	70,445	a-f
Average annual **direct reuse** by City of Austin	6,296	6,296	a-f
Average Total Supply:	**201,005**	**201,005**	a-f
LCRA - Power Plant Demand	*15,993*	*15,993*	a-f
Average annual run-of-river water diverted by LCRA - Power (Garwood)	4,522	4,232	a-f
Average annual **stored water** diverted by LCRA - Power	11,470	11,761	a-f
Average Total Supply:	**15,993**	**15,993**	a-f
City of Austin - Power Plant Demand	*8,179*	*8,179*	a-f
Average annual **run-of-river water** diverted by City of Austin - Power	5,211	5,197	a-f
Annual **pass through** diverted by City of Austin - Power	600	600	a-f
Average annual **stored water** diverted by City of Austin - Power	2,368	2,383	a-f
City of Austin - Direct Reuse Power Plant Demand	*1,250*	*1,250*	a-f
Annual **direct reuse** by Sand Hill Power Plant	*1,250*	*1,250*	a-f
Average Total Supply:	**9,429**	**9,429**	a-f
Other Municipal and Industrial Demands	*175,755*	*175,755*	a-f
Average annual **run-of-river water** diverted by Other M&I	20,839	20,839	a-f
Average annual **run-of-river water** diverted by Other M&I (Garwood)	28,478	28,768	a-f
Average annual **stored water** diverted by Other M&I	118,517	118,362	a-f
Average annual **Arbuckle Reservoir water** diverted by Other M&I	7,837	7,702	a-f
Average Total Supply:	**175,671**	**175,671**	a-f
Average Firm Demand:	*402,182*	*402,182*	a-f
Average Total Supply[1]:	**402,098**	**402,098**	a-f
Average annual **net evaporation** from lakes Buchanan and Travis	71,407	74,410	a-f
% of months combined storage below 900,000 a-f	30%	24%	
% of months combined storage below 600,000 a-f	9%	0%	
Average annual **run-of-river** water diverted by STPNOC	49,842	49,842	a-f
Average annual B&T **stored water** diverted by STPNOC	0	0	a-f
Average annual **Arbuckle Reservoir water** diverted by STPNOC	0	0	a-f
Average annual flow at Bay City	827,770	819,106	a-f
% of months average Bay City flow below 300 cfs	32%	35%	
Combined Storage Volume			
Total combined storage in lakes Buchanan and Travis	1,921,349	1,921,349	a-f
Average combined storage in lakes Buchanan and Travis	1,159,957	1,236,600	a-f
Minimum combined storage in lakes Buchanan and Travis	499,445	633,755	a-f

Note: [1]Firm supply is slightly less than firm demand because the Lometa water right relies on streamflow above Lake Buchanan and is not fully satisfied at all times.

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WATER MANAGEMENT PLAN - SCENARIO RUNS 6/25/25
ENVIRONMENTAL RESULTS
Prepared for WMP update

ADDITIONAL RESULTS FOR PERIOD OF RECORD (1940 - 2023) AND DROUGHT OF RECORD (2008 - 2015) DEMAND CATEGORY / PARAMETER	2020 WMP with 2032 Conditions	Preliminary WMP Update	UNITS
Environmental - Bay and Estuary (B&E) and Instream Flow			
2008 Matagorda Bay Health Evaluation (MBHE) Criteria:			
% of months Threshold inflow criteria are met (Study Goal 100%)	97%	96%	
% of years All MBHE-1 criteria are met (Study Goal 90%)	71%	70%	
% of years All MBHE-2 criteria are met (Study Goal 75%)	57%	56%	
% of years All MBHE-3 criteria are met (Study Goal 60%)	40%	40%	
% of years All MBHE-4 criteria are met (Study Goal 35%)	25%	25%	
Average annual stored water or storable inflow released to help meet MBHE criteria (POR/DOR)	15,504/2,525	10,993/1,723	a-f
Average annual stored water or SI released to help meet MBHE Threshold criteria (POR/DOR)	1,095/1,020	1,199/1,081	a-f
Average annual stored water or SI released to help meet MBHE-1 criteria (POR/DOR)	165/0	128/0	a-f
Average annual stored water or SI released to help meet MBHE-2 criteria (POR/DOR)	3,802/1,504	4,458/641	a-f
Average annual stored water or SI released to help meet MBHE-3 criteria (POR/DOR)	9,816/0	4,810/0	a-f
Average annual stored water or SI released to help meet MBHE-4 criteria (POR/DOR)	625/0	399/0	a-f
Average annual Arbuckle Reservoir water released to help meet MBHE criteria (POR/DOR)	23,264/6,686	20,809/6,896	a-f
Average annual Arbuckle Reservoir water released to help meet MBHE Threshold criteria (POR/DOR)	2,881/2,430	2,704/2,915	a-f
Average annual Arbuckle Reservoir water released to help meet MBHE-1 criteria (POR/DOR)	176/0	162/0	a-f
Average annual Arbuckle Reservoir water released to help meet MBHE-2 criteria (POR/DOR)	1,673/2776	3,218/2500	a-f
Average annual Arbuckle Reservoir water released to help meet MBHE-3 criteria (POR/DOR)	15,052/1481	12,040/1481	a-f
Average annual Arbuckle Reservoir water released to help meet MBHE-4 criteria (POR/DOR)	3,482/0	2,685/0	a-f
Average annual additional Arbuckle release for Threshold beyond storable inflow obligation (POR/DOR)	982/4,724	1,153/4,766	a-f
Environmental - Instream Flow (IF)			
% of months Subsistence IF criteria met at Bastrop (Study Goal 100%)	100.0%	100.0%	
% of months Subsistence IF criteria met at Columbus (Study Goal 100%)	100.0%	99.0%	
% of months Subsistence IF criteria met at Wharton (Study Goal 100%)	99.7%	99.1%	
% of months Base-Dry IF criteria met at Bastrop (Study Goal 80%)	98.5%	98.3%	
% of months Base-Dry IF criteria met at Columbus (Study Goal 80%)	85.9%	85.3%	
% of months Base-Dry IF criteria met at Wharton (Study Goal 80%)	77.1%	76.6%	
% of months Base-Average IF criteria met at Bastrop (Study Goal 60%)	80.0%	78.9%	
% of months Base-Average IF criteria met at Columbus (Study Goal 60%)	66.1%	65.0%	
% of months Base-Average IF criteria met at Wharton (Study Goal 60%)	55.7%	55.0%	
Average annual stored water or storable inflow released to meet Habitat Team IF criteria (POR/DOR)	76,143/38,804	79,055/32,001	a-f
Average annual stored water or SI released to meet Habitat Team criteria Special Subsistence (POR/DOR)	51/493	890/4,729	a-f
Average annual stored water or SI released to meet Habitat Team Subsistence criteria (POR/DOR)	24,540/31,790	22,959/20,751	a-f
Average annual stored water or SI released to meet Habitat Team Base-Dry criteria (POR/DOR)	26,892/2,976	28,984/2,976	a-f
Average annual stored water or SI released to meet Habitat Team Base-Average criteria (POR/DOR)	24,661/3,545	26,223/3,545	a-f
Total Average annual B&T stored water or SI released to help meet Environmental Criteria (POR/DOR)	91,647/41,329	90,048/33,724	a-f
Total Drought average annual B&T and Arbuckle (includes bonus) released to help meet Environmental Criteria	115,893/52,739	112,010/45,386	a-f

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This is not a forecast of future conditions.

WATER MANAGEMENT PLAN - SCENARIO RUNS 6/25/25
AG RESULTS SUMMARY - PERIOD OF RECORD
Prepared for WMP update

PERIOD OF RECORD RESULTS (1940 - 2023) DEMAND CATEGORY / PARAMETER	2020 WMP with 2032 Conditions	Preliminary WMP Update	UNITS
Interruptible Irrigation - All Divisions			
Maximum annual irrigation demand	*421,225*	*421,225*	a-f
Average annual irrigation demands	*301,676*	*301,676*	a-f
Average annual **run-of-river water** diverted for irrigation	161,442	157,852	a-f
Average annual interruptible **stored water** diverted for irrigation	44,978	39,054	a-f
Average annual **Arbuckle Reservoir water** diverted for irrigation	56,398	54,503	a-f
Average Total Supply:	**262,818**	**251,410**	a-f
Average % of irrigation demand met	87%	83%	
Agricultural reliability:			
% of months that full irrigation demands are met	84%	77%	
% of years that full irrigation demands are met	73%	62%	
% of years that full first crop demands are met	79%	67%	
% of years that full second crop demands are met	73%	62%	
Number of years first crop partially curtailed	6	14	yr
Number of years no stored water available for first crop	12	14	yr
Number of years second crop partially curtailed	3	10	yr
Number of years no stored water available for second crop	17	17	yr

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WATER MANAGEMENT PLAN - SCENARIO RUNS 6/25/25
AG RESULTS SUMMARY - DROUGHT OF RECORD
Prepared for WMP update

DROUGHT OF RECORD RESULTS (January 2008 - December 2015) DEMAND CATEGORY / PARAMETER	2020 WMP with 2032 Conditions	Preliminary WMP Update	UNITS
Interruptible Irrigation - All Divisions			
Maximum annual irrigation demand	*421,224*	*421,224*	a-f
Average annual irrigation demands	*334,912*	*334,912*	a-f
Average annual **run-of-river water** diverted for irrigation	115,253	114,507	a-f
Average annual interruptible **stored water** diverted for irrigation	58,127	45,624	a-f
Average annual **Arbuckle Reservoir water** diverted for irrigation	19,380	19,044	a-f
Average Total Supply:	**192,759**	**179,174**	a-f
Average % of irrigation demand met	58%	53%	
Agricultural reliability:			
% of months that full irrigation demands are met	54%	50%	
% of years that full irrigation demands are met	25%	25%	
% of years that full first crop demands are met	38%	25%	
% of years that full second crop demands are met	25%	25%	
Number of years first crop partially curtailed (out of 8 years)	1	2	yr
Number of years no stored water available for first crop (out of 8 years)	4	4	yr
Number of years second crop partially curtailed (out of 8 years)	0	0	yr
Number of years no stored water available for second crop (out of 8 years)	6	6	yr

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GARWOOD
WATER MANAGEMENT PLAN - SCENARIO RUNS 6/25/25
PERIOD OF RECORD RESULTS SUMMARY
Prepared for WMP update

PERIOD OF RECORD RESULTS (1940 - 2023) DEMAND CATEGORY / PARAMETER	2020 WMP with 2032 Conditions	Preliminary WMP Update	UNITS
Interruptible Irrigation - Garwood			
Maximum annual irrigation demand	*100,000*	*100,000*	a-f
Average annual irrigation demands	*81,937*	*81,937*	a-f
Average annual **run-of-river water** diverted for irrigation	80,892	80,892	a-f
Average annual interruptible **stored water** diverted for irrigation	595	595	a-f
Average Total Supply:	**81,937**	**81,937**	a-f
Average % of irrigation demand met	100%	100%	
Agricultural reliability:			
% of months that full irrigation demands are met	100%	100%	
% of years that full irrigation demands are met	100%	100%	
% of years that full first crop demands are met	100%	100%	
% of years that full second crop demands are met	100%	100%	
Number of years first crop partially curtailed	0	0	yr
Number of years no stored water available for first crop	0	0	yr
Number of years second crop partially curtailed	0	0	yr
Number of years no stored water available for second crop	0	0	yr

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GARWOOD
WATER MANAGEMENT PLAN - SCENARIO RUNS 6/25/25
DROUGHT OF RECORD RESULTS SUMMARY
Prepared for WMP update

DROUGHT OF RECORD RESULTS (January 2008 - December 2015) DEMAND CATEGORY / PARAMETER	2020 WMP with 2032 Conditions	Preliminary WMP Update	UNITS
Interruptible Irrigation - Garwood			
Maximum annual irrigation demand	*100,000*	*100,000*	a-f
Average annual irrigation demands	*89,205*	*89,205*	a-f
Average annual **run-of-river water** diverted for irrigation	87,497	87,497	a-f
Average annual interruptible **stored water** diverted for irrigation	1,548	1,548	a-f
Average Total Supply:	89,205	89,205	a-f
Average % of irrigation demand met	100%	100%	
Agricultural reliability:			
% of months that full irrigation demands are met	100%	100%	
% of years that full irrigation demands are met	100%	100%	
% of years that full first crop demands are met	100%	100%	
% of years that full second crop demands are met	100%	100%	
Number of years first crop partially curtailed (out of 8 years)	0	0	yr
Number of years no stored water available for first crop (out of 8 years)	0	0	yr
Number of years second crop partially curtailed (out of 8 years)	0	0	yr
Number of years no stored water available for second crop (out of 8 years)	0	0	yr

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

GULF COAST
WATER MANAGEMENT PLAN - SCENARIO RUNS 6/25/25
PERIOD OF RECORD RESULTS SUMMARY
Prepared for WMP update

PERIOD OF RECORD RESULTS (1940 - 2023) DEMAND CATEGORY / PARAMETER	2020 WMP with 2032 Conditions	Preliminary WMP Update	UNITS
Interruptible Irrigation - Gulf Coast			
Maximum annual irrigation demand	*151,038*	*151,038*	a-f
Average annual irrigation demands	*109,945*	*109,945*	a-f
Average annual **run-of-river water** diverted for irrigation	26,210	24,374	a-f
Average annual interruptible **stored water** diverted for irrigation	7,614	5,975	a-f
Average annual **Arbuckle Reservoir water** diverted for irrigation	56,398	54,503	a-f
Average Total Supply:	**90,222**	**84,853**	a-f
Average % of irrigation demand met	82%	77%	
Agricultural reliability:			
% of months that full irrigation demands are met	84%	77%	
% of years that full irrigation demands are met	73%	62%	
% of years that full first crop demands are met	79%	67%	
% of years that full second crop demands are met	73%	62%	
Number of years first crop partially curtailed	6	14	yr
Number of years no stored water available for first crop	12	14	yr
Number of years second crop partially curtailed	6	15	yr
Number of years no stored water available for second crop	17	17	yr

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GULF COAST
WATER MANAGEMENT PLAN - SCENARIO RUNS 6/25/25
DROUGHT OF RECORD RESULTS SUMMARY
Prepared for WMP update

DROUGHT OF RECORD RESULTS (January 2008 - December 2015) DEMAND CATEGORY / PARAMETER	2020 WMP with 2032 Conditions	Preliminary WMP Update	UNITS
Interruptible Irrigation - Gulf Coast			
Maximum annual irrigation demand	*151,038*	*151,038*	a-f
Average annual irrigation demands	*120,026*	*120,026*	a-f
Average annual **run-of-river water** diverted for irrigation	11,827	11,444	a-f
Average annual interruptible **stored water** diverted for irrigation	17,979	13,057	a-f
Average annual **Arbuckle Reservoir water** diverted for irrigation	19,380	19,044	a-f
Average Total Supply:	49,186	43,544	a-f
Average % of irrigation demand met	41%	36%	
Agricultural reliability:			
% of months that full irrigation demands are met	55%	50%	
% of years that full irrigation demands are met	25%	25%	
% of years that full first crop demands are met	38%	25%	
% of years that full second crop demands are met	25%	25%	
Number of years first crop partially curtailed (out of 8 years)	1	2	yr
Number of years no stored water available for first crop (out of 8 years)	4	4	yr
Number of years second crop partially curtailed (out of 8 years)	0	0	yr
Number of years no stored water available for second crop (out of 8 years)	6	6	yr

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LAKESIDE
WATER MANAGEMENT PLAN - SCENARIO RUNS 6/25/25
PERIOD OF RECORD RESULTS SUMMARY
Prepared for WMP update

PERIOD OF RECORD RESULTS (1940 - 2023) DEMAND CATEGORY / PARAMETER	2020 WMP with 2032 Conditions	Preliminary WMP Update	UNITS
Interruptible Irrigation - Lakeside			
Maximum annual irrigation demand	*140,186*	*140,186*	a-f
Average annual irrigation demands	*85,692*	*85,692*	a-f
Average annual **run-of-river water** diverted for irrigation	42,995	41,621	a-f
Average annual interruptible **stored water** diverted for irrigation	27,736	24,384	a-f
Average Total Supply:	**70,731**	**66,005**	a-f
Average % of irrigation demand met	83%	77%	
Agricultural reliability:			
% of months that full irrigation demands are met	84%	77%	
% of years that full irrigation demands are met	73%	62%	
% of years that full first crop demands are met	79%	67%	
% of years that full second crop demands are met	73%	62%	
Number of years first crop partially curtailed	6	14	yr
Number of years no stored water available for first crop	12	14	yr
Number of years second crop partially curtailed	6	15	yr
Number of years no stored water available for second crop	17	17	yr

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LAKESIDE
WATER MANAGEMENT PLAN - SCENARIO RUNS 6/25/25
DROUGHT OF RECORD RESULTS SUMMARY
Prepared for WMP update

DROUGHT OF RECORD RESULTS (January 2008 - December 2015) DEMAND CATEGORY / PARAMETER	2020 WMP with 2032 Conditions	Preliminary WMP Update	UNITS
Interruptible Irrigation - Lakeside			
Maximum annual irrigation demand	*140,186*	*140,186*	a-f
Average annual irrigation demands	*99,061*	*99,061*	a-f
Average annual **run-of-river water** diverted for irrigation	12,988	12,736	a-f
Average annual interruptible **stored water** diverted for irrigation	29,680	23,795	a-f
Average Total Supply:	42,668	36,530	a-f
Average % of irrigation demand met	43%	37%	
Agricultural reliability:			
% of months that full irrigation demands are met	54%	50%	
% of years that full irrigation demands are met	25%	25%	
% of years that full first crop demands are met	38%	25%	
% of years that full second crop demands are met	25%	25%	
Number of years first crop partially curtailed (out of 8 years)	1	2	yr
Number of years no stored water available for first crop (out of 8 years)	4	4	yr
Number of years second crop partially curtailed (out of 8 years)	0	0	yr
Number of years no stored water available for second crop (out of 8 years)	6	6	yr

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PIERCE RANCH
WATER MANAGEMENT PLAN - SCENARIO RUNS 6/25/25
PERIOD OF RECORD RESULTS SUMMARY
Prepared for WMP update

PERIOD OF RECORD RESULTS (1940 - 2023) DEMAND CATEGORY / PARAMETER	2020 WMP with 2032 Conditions	Preliminary WMP Update	UNITS
Interruptible Irrigation - Pierce Ranch			
Maximum annual irrigation demand	*30,001*	*30,001*	a-f
Average annual irrigation demands	*24,101*	*24,101*	a-f
Average annual **run-of-river water** diverted for irrigation	10,896	10,514	a-f
Average annual interruptible **stored water** diverted for irrigation	9,033	8,100	a-f
Average Total Supply:	**19,928**	**18,615**	a-f
Average % of irrigation demand met	83%	77%	
Agricultural reliability:			
% of months that full irrigation demands are met	84%	77%	
% of years that full irrigation demands are met	73%	62%	
% of years that full first crop demands are met	79%	67%	
% of years that full second crop demands are met	73%	62%	
Number of years first crop partially curtailed	6	14	yr
Number of years no stored water available for first crop	12	14	yr
Number of years second crop partially curtailed	6	15	yr
Number of years no stored water available for second crop	17	17	yr

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PIERCE RANCH
WATER MANAGEMENT PLAN - SCENARIO RUNS 6/25/25
DROUGHT OF RECORD RESULTS SUMMARY
Prepared for WMP update

DROUGHT OF RECORD RESULTS (January 2008 - December 2015) DEMAND CATEGORY / PARAMETER	2020 WMP with 2032 Conditions	Preliminary WMP Update	UNITS
Interruptible Irrigation - Pierce Ranch			
Maximum annual irrigation demand	*30,000*	*30,000*	a-f
Average annual irrigation demands	*26,621*	*26,621*	a-f
Average annual **run-of-river water** diverted for irrigation	2,780	2,671	a-f
Average annual interruptible **stored water** diverted for irrigation	8,920	7,225	a-f
Average Total Supply:	11,701	9,895	a-f
Average % of irrigation demand met	44%	37%	
Agricultural reliability:			
% of months that full irrigation demands are met	55%	50%	
% of years that full irrigation demands are met	25%	25%	
% of years that full first crop demands are met	38%	25%	
% of years that full second crop demands are met	25%	25%	
Number of years first crop partially curtailed (out of 8 years)	1	2	yr
Number of years no stored water available for first crop (out of 8 years)	4	4	yr
Number of years second crop partially curtailed (out of 8 years)	0	0	yr
Number of years no stored water available for second crop (out of 8 years)	6	6	yr

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