

COLORADO BBEST/BBASC UNAPPROPRIATED FLOW INFO FROM TCEQ WAM RUN3 FOR SELECTED SITES

WITHOUT BBEST RECOMMENDATIONS AND WITH VARIOUS LEVELS OF CL BBEST AND LYONS REQUIREMENTS IMPOSED

C:\KRC\Active\COL_BBASC\WAM FROM TCEQ 03172011\STAGE2-04152011\REVISED FRAT\TASK2\05242011-TCEQ RUN3 UNAP AT SELECTED BBEST SITES.xls\SUMMARY

5/24/2011 9:50 AM

				FLOW STATISTICS (ACRE-FEET)						FREQUENCY STATISTICS				PERCENT OF TIME WATER AVAILABLE	
				ANNUAL DRT AVG AF/Y	ANNUAL POR AVG AF/Y	ANNUAL MAX AMT AF/Y	ANNUAL MIN AMT AF/Y	MONTH MIN AMT AF	MONTH MAX AMT AF	YEARS WITH ZERO YEARS	CONSC YEARS	MONTHS WITH ZERO MONTHS	CONSC MONTHS	YEARS %	MONTHS %
WITHOUT CL BBEST RECOMMENDATIONS IMPOSED															
SITE#	PAGE #	WAM ID	BBEST SITES												
10	3	H10000	PEDERNALES NEAR JOHNSON CITY	4,721	54,173	370,035	0	0	192,213	30	9	611	122	49.2%	13.7%
15	6	GS300	LAVACA RIVER NEAR EDNA	60,964	201,454	848,439	0	0	428,297	6	1	386	26	89.5%	43.6%
20	10	GS1300	TRES PALACIOS NEAR MIDFIELD	29,770	65,813	229,902	5,957	0	83,510	0	0	213	7	100.0%	68.9%
21	13	GS1200	GACITAS CREEK NEAR INEZ	15,150	32,107	93,428	1,136	0	46,926	0	0	32	3	100.0%	95.3%
WITH CL BBEST RECOMMENDATIONS IMPOSED															
SITE#	PAGE #	WAM ID	BBEST SITES												
10	4	H10000-BBEST	PEDERNALES NEAR JOHNSON CITY-BBEST	3,739	34,263	304,765	0	0	129,913	30	9	611	122	49.2%	13.7%
15	7	GS300-BBEST	LAVACA RIVER NEAR EDNA-BBEST	36,663	135,156	751,366	0	0	318,738	7	3	388	39	87.7%	43.3%
20	11	GS1300-BBEST	TRES PALACIOS NEAR MIDFIELD-BBEST	19,023	40,997	181,973	2,768	0	68,294	0	0	243	7	100.0%	64.5%
21	14	GS1200-BBEST	GACITAS CREEK NEAR INEZ-BBEST	10,004	20,327	76,057	186	0	40,154	0	0	99	11	100.0%	85.5%
WITH CL BBEST RECOMMENDATIONS IMPOSED BUT NO HIGH FLOW PULSE REQUIREMENT															
SITE#	PAGE #	WAM ID	BBEST SITES												
10	5	H10000-BBEST-NHFP	PEDERNALES NEAR JOHNSON CITY-BBEST-NHFP	4,131	50,153	351,201	0	0	190,319	30	9	611	122	49.2%	13.7%
15	8	GS300-BBEST-NHFP	LAVACA RIVER NEAR EDNA-BBEST-NHFP	58,009	192,199	828,243	0	0	427,092	7	3	388	39	87.7%	43.3%
20	12	GS1300-BBEST-NHFP	TRES PALACIOS NEAR MIDFIELD-BBEST-NHFP	26,746	61,119	222,144	2,768	0	83,080	0	0	242	7	100.0%	64.6%
21	15	GS1200-BBEST-NHFP	GACITAS CREEK NEAR INEZ-BBEST-NHFP	13,654	30,080	90,782	186	0	46,868	0	0	98	11	100.0%	85.7%
WITH LYONS RECOMMENDATIONS IMPOSED															
SITE#	PAGE #	WAM ID	BBEST SITES												
15	9	GS300-BBEST-LYONS	LAVACA RIVER NEAR EDNA-LYONS	59,789	198,227	838,999	0	0	427,758	7	3	387	39	87.7%	43.4%

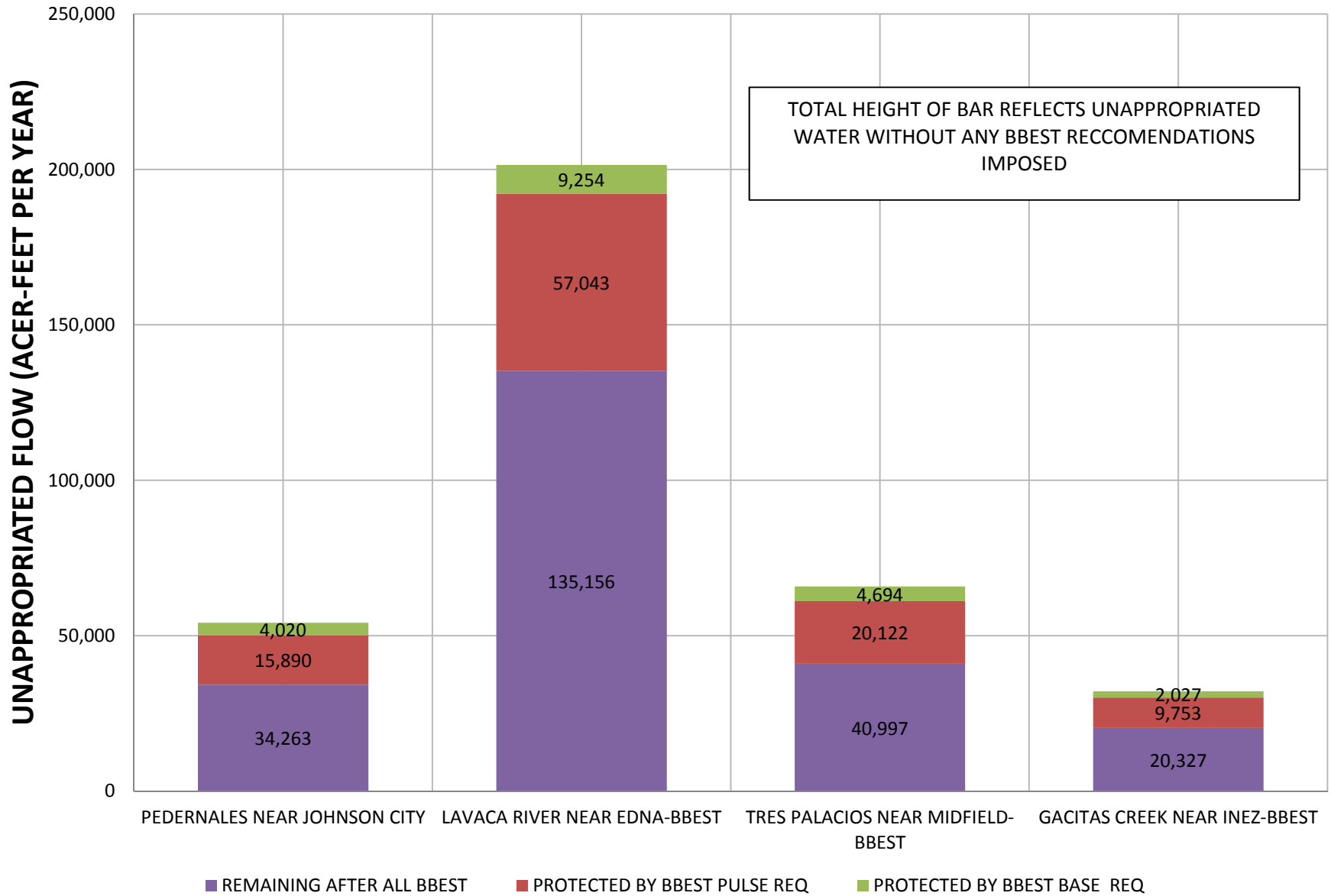
PERIOD OF RECORD FOR THE VARIOUS TCEQ WAM MODELS	
	COLORADO BASIN WAM (1940-1998)
	LAVACA BASIN WAM (1940-1996)
	COLORADO/LAVACA COASTAL WAM (1940-1996)
	LAVACA/GUADALUPE COASTAL WAM (1940-1996)

ABBREVIATIONS USED IN ABOVE INFORMATION	
POR	ENTIRE PERIOD OF RECORD, WHICH VARIES DEPENDING ON BASIN WAM MODEL.
DRT	CRITICAL DROUGHT PERIOD, THE 10 YEAR PERIOD BEGINNING IN JUNE 1945 AND ENDING IN MAY 1957.
AF/Y	ANNUAL VOLUME OF WATER IN UNITS OF ACRE-FEET.
CONSC	CONSECUTIVE.
BBEST	CL BBEST'S RECOMMENDATIONS, AS SPECIFIED IN BBEST REPORT.
NHFP	NO HIGH FLOW PULSE RECOMMENDATIONS.

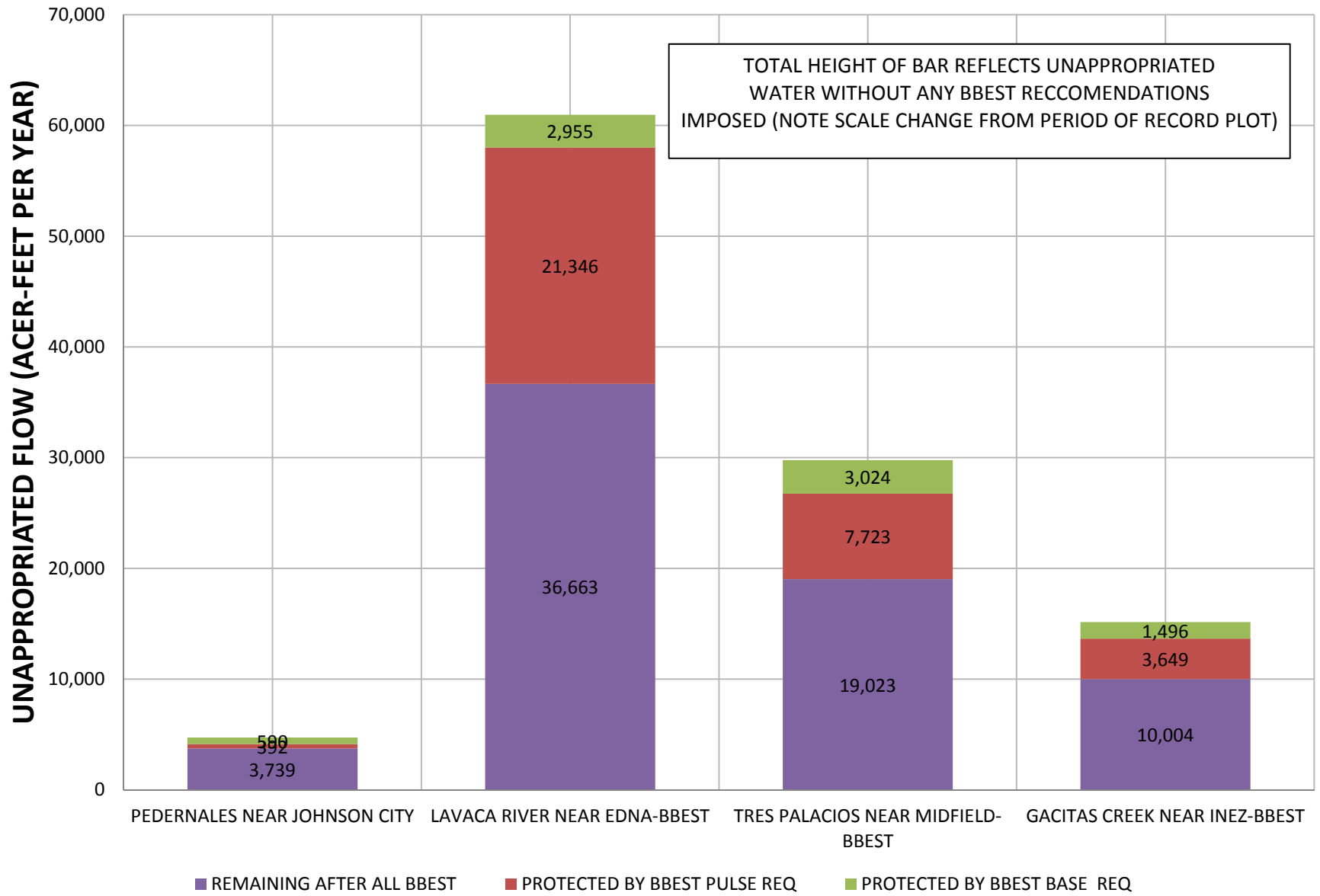
PAGE #
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2

1 STACKED BAR PLOT FOR EACH SITE SHOWING TOTAL UNUAPPROPRIATED WATER REAMAINING WITH NO BBEST, WITH FULL BBEST, AND WITH FULL BBEST BUT NHFP RECOMMENDATIONS FOR POR.
 2 STACKED BAR PLOT FOR EACH SITE SHOWING TOTAL UNUAPPROPRIATED WATER REAMAINING WITH NO BBEST, WITH FULL BBEST, AND WITH FULL BBEST BUT NHFP RECOMMENDATIONS FOR DRT.

UNAPPROPRIATED WATER REMAINING AFTER BBEST COMPONENTS IMPOSED ANNUAL AVERAGE AMOUNT FOR PERIOD OF RECORD



UNAPPROPRIATED WATER REMAINING AFTER BBEST COMPONENTS IMPOSED ANNUAL AVERAGE AMOUNT FOR DROUGHT OF RECORD



UNAPPROPRIATED FLOWS (AC-FT) AT CONTROL POINT H10000
PEDERNALES NEAR JOHNSON CITY

# of months in drought	144 months	12.0 years
total depletion in drought	56,653	4,721 anualized
	MAX DURING DROUGHT 29,917	

46-56
5,150

units are acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	0	0	0	0	0	23,900	7,355	0	0	0	0	37,612	68,867
1941	8,055	29,632	34,789	55,018	49,951	12,595	0	0	0	13,184	0	0	203,224
1942	0	0	0	5,792	1,115	0	0	0	0	38,912	3,124	0	48,943
1943	0	0	0	0	0	0	0	0	0	0	0	0	0
1944	0	0	0	0	0	0	0	0	0	0	0	0	0
1945	0	0	36,100	33,006	0	0	0	0	0	0	0	0	69,106
1946	0	0	0	0	17,992	0	0	0	0	0	0	0	17,992
1947	29,917	0	8,744	0	0	0	0	0	0	0	0	0	38,661
1948	0	0	0	0	0	0	0	0	0	0	0	0	0
1949	0	0	0	0	0	0	0	0	0	0	0	0	0
1950	0	0	0	0	0	0	0	0	0	0	0	0	0
1951	0	0	0	0	0	0	0	0	0	0	0	0	0
1952	0	0	0	0	0	0	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	0	0	0	0	0	0	0
1954	0	0	0	0	0	0	0	0	0	0	0	0	0
1955	0	0	0	0	0	0	0	0	0	0	0	0	0
1956	0	0	0	0	0	0	0	0	0	0	0	0	0
1957	0	0	0	0	0	28,426	0	0	0	24,072	13,834	7,250	73,582
1958	9,171	25,369	17,437	1,109	21,272	40,829	0	0	0	0	0	0	115,187
1959	0	0	0	0	0	0	0	0	0	123,673	0	17,276	140,949
1960	15,951	24,975	0	4,297	0	0	0	0	0	0	0	19,344	64,567
1961	14,008	38,954	0	0	0	18,832	2,940	0	0	0	0	0	74,734
1962	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	10,821	12,905	20,056	3,519	0	0	0	0	0	0	47,301
1969	0	0	0	0	0	0	0	0	0	0	0	12,134	12,134
1970	4,774	8,531	29,748	9,205	69,015	0	0	0	0	0	0	0	121,273
1971	0	0	0	0	0	0	0	0	0	11,534	0	1,417	12,951
1972	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	13,971	5,889	0	19,860
1974	2,632	0	0	0	0	0	0	0	20,983	62,074	34,583	12,423	132,695
1975	13,423	62,045	13,579	10,389	99,317	39,075	0	0	0	0	0	0	237,828
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	7,508	0	137,791	20,456	0	0	0	0	0	0	0	165,755
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	83,723	0	0	0	0	0	0	83,723
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	109,769	0	0	0	44,875	1,502	0	156,146
1982	0	0	0	0	6,193	0	0	0	0	0	0	0	6,193
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	2,466	51,539	54,005
1987	23,808	19,620	18,901	0	26,012	168,896	21,458	0	0	0	0	0	278,695
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	192,213	192,213
1992	36,169	158,889	76,072	33,118	44,354	21,433	0	0	0	0	0	0	370,035
1993	0	0	3,876	9,689	0	0	0	0	0	0	0	0	13,565
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	23,380	70,672	44,068	152,376	23,103	0	0	0	0	0	313,599
1998	0	13,701	48,355	348	0	0	0	0	0	0	0	0	62,404
AVG	2,676	6,597	5,454	6,497	7,115	11,922	930	0	356	5,632	1,041	5,953	54,173
MAX	36,169	158,889	76,072	137,791	99,317	168,896	23,103	0	20,983	123,673	34,583	192,213	370,035
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0

UNAPPROPRIATED FLOWS (AC-FT) AT CONTROL POINT H10000-B # of months in drought 144 months 12.0 years
PEDERNALES NEAR JOHNSON CITY [BBEST] total depletion in drought 44,872 3,739 annualized
 units are acre-feet MAX DURING DROUGHT 28,381

46-56
4,079

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	0	0	0	0	0	19,835	4,835	0	0	0	0	35,505	60,175
1941	6,993	28,255	17,942	23,094	43,803	8,549	0	0	0	8,457	0	0	137,093
1942	0	0	0	1,128	507	0	0	0	0	9,083	101	0	10,819
1943	0	0	0	0	0	0	0	0	0	0	0	0	0
1944	0	0	0	0	0	0	0	0	0	0	0	0	0
1945	0	0	19,836	15,057	0	0	0	0	0	0	0	0	34,893
1946	0	0	0	0	11,565	0	0	0	0	0	0	0	11,565
1947	28,381	0	4,926	0	0	0	0	0	0	0	0	0	33,307
1948	0	0	0	0	0	0	0	0	0	0	0	0	0
1949	0	0	0	0	0	0	0	0	0	0	0	0	0
1950	0	0	0	0	0	0	0	0	0	0	0	0	0
1951	0	0	0	0	0	0	0	0	0	0	0	0	0
1952	0	0	0	0	0	0	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	0	0	0	0	0	0	0
1954	0	0	0	0	0	0	0	0	0	0	0	0	0
1955	0	0	0	0	0	0	0	0	0	0	0	0	0
1956	0	0	0	0	0	0	0	0	0	0	0	0	0
1957	0	0	0	0	0	27,746	0	0	0	22,841	8,449	3,354	62,390
1958	5,997	18,447	13,682	1,109	4,064	27,977	0	0	0	0	0	0	71,277
1959	0	0	0	0	0	0	0	0	0	78,708	0	9,156	87,864
1960	12,776	21,736	0	2,606	0	0	0	0	0	0	0	12,722	49,840
1961	12,907	37,691	0	0	0	3,193	1,007	0	0	0	0	0	54,797
1962	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	8,591	11,509	13,223	2,364	0	0	0	0	0	0	35,687
1969	0	0	0	0	0	0	0	0	0	0	0	10,216	10,216
1970	3,195	5,803	20,347	5,669	23,181	0	0	0	0	0	0	0	58,195
1971	0	0	0	0	0	0	0	0	0	8,745	0	1,218	9,963
1972	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	9,788	2,152	0	11,939
1974	260	0	0	0	0	0	0	0	15,800	8,016	3,618	8,527	36,220
1975	10,248	31,582	9,823	6,641	75,913	35,440	0	0	0	0	0	0	169,646
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	6,754	0	85,952	16,692	0	0	0	0	0	0	0	109,398
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	55,024	0	0	0	0	0	0	55,024
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	49,851	0	0	0	0	0	0	92,154
1982	0	0	0	0	2,219	0	0	0	0	0	0	0	2,219
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	1,755	47,589	49,345
1987	20,634	16,789	15,145	0	16,193	88,243	21,446	0	0	0	0	0	178,450
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	83,344	83,344
1992	34,881	129,913	52,708	29,569	39,799	17,897	0	0	0	0	0	0	304,765
1993	0	0	519	6,034	0	0	0	0	0	0	0	0	6,553
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	16,602	41,894	42,674	54,896	11,885	0	0	0	0	0	167,951
1998	0	7,701	18,382	348	0	0	0	0	0	0	0	0	26,430
AVG	2,310	5,164	3,364	3,909	4,912	6,627	664	0	268	3,160	298	3,587	34,263
MAX	34,881	129,913	52,708	85,952	75,913	88,243	21,446	0	15,800	78,708	8,449	83,344	304,765
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0

UNAPPROPRIATED FLOWS (AC-FT) AT CONTROL POINT H10000-B PEDERNALES NEAR JOHNSON CITY [BBEST-NHFP] # of months in drought 144 months 12.0 years total depletion in drought 49,577 4,131 anualized units are acre-feet MAX DURING DROUGHT 28,381

46-56
4,507

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	0	0	0	0	0	22,537	5,573	0	0	0	0	35,505	63,616
1941	6,993	28,255	30,310	50,500	45,624	8,549	0	0	0	10,962	0	0	181,193
1942	0	0	0	4,349	507	0	0	0	0	37,594	150	0	42,599
1943	0	0	0	0	0	0	0	0	0	0	0	0	0
1944	0	0	0	0	0	0	0	0	0	0	0	0	0
1945	0	0	34,007	31,508	0	0	0	0	0	0	0	0	65,515
1946	0	0	0	0	16,270	0	0	0	0	0	0	0	16,270
1947	28,381	0	4,926	0	0	0	0	0	0	0	0	0	33,307
1948	0	0	0	0	0	0	0	0	0	0	0	0	0
1949	0	0	0	0	0	0	0	0	0	0	0	0	0
1950	0	0	0	0	0	0	0	0	0	0	0	0	0
1951	0	0	0	0	0	0	0	0	0	0	0	0	0
1952	0	0	0	0	0	0	0	0	0	0	0	0	0
1953	0	0	0	0	0	0	0	0	0	0	0	0	0
1954	0	0	0	0	0	0	0	0	0	0	0	0	0
1955	0	0	0	0	0	0	0	0	0	0	0	0	0
1956	0	0	0	0	0	0	0	0	0	0	0	0	0
1957	0	0	0	0	0	27,746	0	0	0	22,880	10,097	3,354	64,076
1958	5,997	22,015	13,682	1,109	16,541	39,530	0	0	0	0	0	0	98,874
1959	0	0	0	0	0	0	0	0	0	122,178	0	13,304	135,482
1960	12,776	21,736	0	2,606	0	0	0	0	0	0	0	17,434	54,552
1961	12,907	37,691	0	0	0	15,354	1,007	0	0	0	0	0	66,958
1962	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	10,471	11,509	18,495	2,364	0	0	0	0	0	0	42,839
1969	0	0	0	0	0	0	0	0	0	0	0	10,216	10,216
1970	3,195	5,803	25,594	5,669	64,589	0	0	0	0	0	0	0	104,850
1971	0	0	0	0	0	0	0	0	0	11,493	0	1,389	12,882
1972	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	13,025	2,152	0	15,176
1974	260	0	0	0	0	0	0	0	18,874	59,242	30,846	8,527	117,749
1975	10,248	59,016	9,823	6,641	94,927	35,440	0	0	0	0	0	0	216,095
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	6,754	0	132,951	16,692	0	0	0	0	0	0	0	156,397
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	81,725	0	0	0	0	0	0	81,725
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	105,084	0	0	0	43,598	1,502	0	150,183
1982	0	0	0	0	4,520	0	0	0	0	0	0	0	4,520
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	2,466	47,589	50,055
1987	20,634	16,789	15,145	0	24,530	164,802	21,458	0	0	0	0	0	263,359
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	190,319	190,319
1992	34,881	157,312	71,744	29,569	39,799	17,897	0	0	0	0	0	0	351,201
1993	0	0	519	6,034	0	0	0	0	0	0	0	0	6,553
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	23,380	68,748	42,674	150,185	21,113	0	0	0	0	0	306,100
1998	0	12,644	43,361	348	0	0	0	0	0	0	0	0	56,353
AVG	2,310	6,238	4,796	5,958	6,528	11,376	833	0	320	5,440	800	5,553	50,153
MAX	34,881	157,312	71,744	132,951	94,927	164,802	21,458	0	18,874	122,178	30,846	190,319	351,201
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0

UNAPPROPRIATED FLOWS (AC-FT) AT CONTROL POINT GS300

LAVACA RIVER NEAR EDNA

# of months in drought	144 months	12.0 years
total depletion in drought	731,567	60,964 annualized

46-56
60,365

units are acre-feet

MAX DURING DROUGHT 92,242

GS300

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	0	7,031	0	0	0	4,183	238,897	0	0	0	204,178	102,514	556,803
1941	35,107	23,724	80,969	72,699	166,448	114,829	19,517	5,430	0	5,134	11,099	2,143	537,099
1942	653	822	153	50,808	0	0	63,212	0	9,547	0	1,422	1,028	127,645
1943	3,106	0	9,006	0	0	0	1,959	0	0	0	0	13,416	27,487
1944	41,417	8,663	78,205	705	44,952	0	0	464	0	0	1,950	7,975	184,331
1945	20,128	3,958	4,964	32,169	0	0	0	0	0	0	0	0	61,219
1946	0	12,500	12,561	1,392	2,573	42,282	0	39,050	92,242	82,640	37,358	7,681	330,279
1947	37,336	2,939	9,218	4,665	29,130	0	0	0	0	0	0	0	83,288
1948	0	0	0	0	59,106	0	0	0	0	0	0	0	59,106
1949	0	0	0	44,635	438	0	0	0	0	12,834	0	22,928	80,835
1950	3,749	3,001	0	0	0	0	0	0	0	0	0	0	6,750
1951	0	0	0	0	0	0	0	0	0	0	0	0	0
1952	0	0	0	0	37,215	2,017	0	0	0	0	0	18,751	57,983
1953	0	0	0	0	31,621	0	0	0	0	0	0	0	31,621
1954	0	0	0	0	0	0	0	0	0	0	0	0	0
1955	0	0	0	0	14,149	0	0	0	0	0	0	0	14,149
1956	0	0	0	0	0	0	0	0	0	0	0	0	0
1957	0	0	0	45,030	22,526	9,808	0	0	0	111,168	68,504	3,964	261,000
1958	40,135	65,502	6,309	0	16,185	0	0	0	10,610	10,223	772	4,379	154,115
1959	588	64,395	1,471	75,496	13,479	0	0	0	0	8,958	11,485	8,297	184,169
1960	8,957	10,141	1,195	958	0	58,007	4,405	34,771	0	223,167	48,820	35,451	425,872
1961	56,316	61,950	5,289	0	0	76,192	29,666	0	117,576	4,314	64,498	4,446	420,247
1962	3,079	1,360	0	32,157	0	5,886	0	0	0	0	0	0	42,482
1963	0	12,826	0	0	0	0	0	0	0	0	0	0	12,826
1964	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	10,677	55,787	792	0	95,237	31,857	0	0	0	0	37,255	16,542	248,147
1966	5,215	14,566	5,101	29,919	38,821	0	0	0	0	0	0	0	93,622
1967	0	0	0	0	0	0	0	0	74,295	46,705	2,546	0	123,546
1968	61,258	6,005	6,029	7,961	77,518	110,518	5,051	0	0	0	0	9,418	283,758
1969	3,797	62,045	41,531	79,200	81,155	0	0	0	0	0	0	13,213	280,941
1970	14,490	1,782	19,574	0	71,883	16,292	0	0	9,142	11,322	0	0	144,485
1971	0	0	0	0	0	0	0	13,531	79,464	17,026	1,088	32,653	143,762
1972	19,670	23,075	9,055	0	188,071	14,469	0	343	0	0	0	0	254,683
1973	0	7,370	62,967	151,011	25,306	295,770	16,630	4,055	9,196	109,889	9,320	3,922	695,436
1974	67,327	9,021	3,007	0	24,691	41,001	0	0	86,568	3,609	37,111	14,754	287,089
1975	6,898	6,656	1,361	30,565	103,481	21,148	21,159	0	0	0	0	8,692	199,960
1976	0	0	0	26,490	44,995	6,991	13,240	0	0	51,531	20,708	147,442	311,397
1977	19,210	57,985	6,834	52,809	4,839	8,246	0	0	0	0	0	0	149,923
1978	3,098	6,995	1,854	8,554	0	0	0	0	157,982	789	6,986	2,052	188,310
1979	96,023	43,042	20,826	60,483	146,173	81,435	4,630	0	41,963	0	0	0	494,575
1980	29,988	10,619	497	0	46,519	0	0	0	0	0	0	0	87,623
1981	0	0	0	0	0	130,328	16,398	2,836	134,629	13,978	101,638	5,238	405,045
1982	2,906	30,666	5,965	0	194,999	0	0	0	0	0	52,646	8,303	295,485
1983	10,409	45,218	49,246	0	14,601	0	48,714	1,752	3,445	7,555	25,799	610	207,349
1984	17,904	2,321	2,515	0	0	0	0	0	0	0	0	1,284	24,024
1985	19,705	17,941	38,156	108,938	4,758	0	3,777	0	0	0	43,755	4,513	241,543
1986	0	220	0	0	0	49,725	0	0	0	0	0	59,490	109,435
1987	15,395	53,141	12,532	0	117	286,524	4,941	0	0	0	2,503	14,575	389,728
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	18	0	0	18
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	66,710	1,902	0	3,397	0	0	0	0	126,150	198,159
1992	92,347	299,709	39,270	160,847	147,787	96,914	0	0	0	0	0	11,565	848,439
1993	14,528	18,801	41,099	22,851	134,338	231,215	1,556	0	0	0	0	0	464,388
1994	0	0	0	0	81,255	0	0	0	0	428,297	3,962	17,535	531,049
1995	33,492	3,481	34,969	29,540	4,023	8,784	0	0	0	0	0	0	114,289
1996	0	0	0	0	0	0	0	0	7,088	0	0	256	7,344
AVG	13,946	18,513	10,746	20,993	34,567	30,604	8,722	1,794	14,627	20,161	13,954	12,828	201,454
MAX	96,023	299,709	80,969	160,847	194,999	295,770	238,897	39,050	157,982	428,297	204,178	147,442	848,439
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0

UNAPPROPRIATED FLOWS (AC-FT) AT CONTROL POINT GS300-BB # of months in drought 144 months 12.0 years
LAVACA RIVER NEAR EDNA [BBEST] total depletion in drought 439,955 36,663 anualized
 units are acre-feet MAX DURING DROUGHT 80,652

46-56
34,475

WGS800

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	0	3,448	0	0	0	216	142,155	0	0	0	177,845	71,518	395,181
1941	30,650	20,060	14,981	68,798	163,278	111,636	13,304	5,347	0	4,203	3,916	538	436,711
1942	0	216	106	23,486	0	0	34,444	0	9,384	0	1,422	494	69,552
1943	2,143	0	3,236	0	0	0	1,679	0	0	0	0	7,368	14,427
1944	23,713	4,806	43,727	479	42,138	0	0	233	0	0	1,693	1,294	118,083
1945	11,485	3,037	2,588	15,913	0	0	0	0	0	0	0	0	33,022
1946	0	5,445	4,886	784	1,874	21,059	0	10,342	41,123	80,652	35,227	4,740	206,131
1947	17,775	1,506	7,943	4,445	22,185	0	0	0	0	0	0	0	53,853
1948	0	0	0	0	14,000	0	0	0	0	0	0	0	14,000
1949	0	0	0	27,487	438	0	0	0	0	10,481	0	8,614	47,020
1950	2,691	2,055	0	0	0	0	0	0	0	0	0	0	4,746
1951	0	0	0	0	0	0	0	0	0	0	0	0	0
1952	0	0	0	0	17,157	738	0	0	0	0	0	10,836	28,731
1953	0	0	0	0	12,101	0	0	0	0	0	0	0	12,101
1954	0	0	0	0	0	0	0	0	0	0	0	0	0
1955	0	0	0	0	12,639	0	0	0	0	0	0	0	12,639
1956	0	0	0	0	0	0	0	0	0	0	0	0	0
1957	0	0	0	38,516	22,218	9,626	0	0	0	37,586	66,830	1,543	176,319
1958	12,308	24,486	2,587	0	4,905	0	0	0	8,983	5,186	771	3,504	62,730
1959	325	29,291	711	41,034	11,339	0	0	0	0	8,904	4,680	5,520	101,803
1960	5,587	7,393	215	647	0	36,548	1,269	13,554	0	139,016	46,606	23,045	273,880
1961	29,198	58,177	4,053	0	0	21,686	12,751	0	95,146	4,314	62,991	1,818	290,134
1962	350	398	0	14,786	0	3,364	0	0	0	0	0	0	18,898
1963	0	7,343	0	0	0	0	0	0	0	0	0	0	7,343
1964	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	5,440	54,121	207	0	68,144	28,913	0	0	0	0	16,132	11,395	184,352
1966	1,879	11,049	3,008	11,589	30,234	0	0	0	0	0	0	0	57,759
1967	0	0	0	0	0	0	0	0	31,310	46,353	2,546	0	80,209
1968	28,872	5,049	3,330	5,926	25,035	106,901	5,051	0	0	0	0	7,608	187,772
1969	2,396	33,832	16,889	26,627	78,196	0	0	0	0	0	0	6,632	164,572
1970	5,843	830	17,926	0	42,733	15,580	0	0	7,929	5,139	0	0	95,980
1971	0	0	0	0	0	0	0	12,084	22,457	16,759	1,088	22,742	75,130
1972	9,334	13,480	1,722	0	135,505	12,913	0	343	0	0	0	0	173,298
1973	0	5,911	16,012	25,103	24,814	293,178	11,465	4,055	9,176	78,617	9,320	1,919	479,569
1974	37,131	7,255	1,625	0	3,630	33,130	0	0	24,873	3,609	35,626	11,069	157,947
1975	4,205	3,744	192	14,847	82,188	19,625	14,610	0	0	0	0	2,994	142,407
1976	0	0	0	15,542	40,673	6,594	13,145	0	0	26,726	19,738	85,941	208,360
1977	17,566	56,323	5,453	20,659	4,514	6,862	0	0	0	0	0	0	111,378
1978	2,565	5,534	932	3,492	0	0	0	0	83,331	789	6,399	75	103,116
1979	57,588	39,022	10,409	32,635	142,825	78,665	4,630	0	18,344	0	0	0	384,117
1980	7,151	9,163	42	0	22,596	0	0	0	0	0	0	0	38,952
1981	0	0	0	0	0	58,808	15,473	1,523	43,345	11,926	98,914	2,612	232,601
1982	275	8,424	3,843	0	131,542	0	0	0	0	0	32,267	5,032	181,383
1983	1,154	20,390	20,685	0	11,777	0	22,203	1,726	3,037	2,629	7,721	98	91,420
1984	7,598	824	992	0	0	0	0	0	0	0	0	604	10,017
1985	16,120	8,712	21,088	26,821	4,015	0	1,502	0	0	0	21,959	2,216	102,433
1986	0	76	0	0	0	29,616	0	0	0	0	0	35,046	64,738
1987	13,675	50,349	10,049	0	87	205,722	4,941	0	0	0	1,252	5,176	291,250
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	50,318	1,423	0	3,168	0	0	0	0	57,820	112,729
1992	90,502	252,063	15,513	150,002	143,870	93,941	0	0	0	0	0	5,475	751,366
1993	11,328	8,005	13,723	19,500	92,554	225,984	1,556	0	0	0	0	0	372,650
1994	0	0	0	0	59,087	0	0	0	0	318,738	3,962	14,993	396,780
1995	14,444	2,724	17,616	23,398	3,138	8,123	0	0	0	0	0	0	69,444
1996	0	0	0	0	0	0	0	0	4,685	0	0	169	4,854
AVG	8,268	13,413	4,672	11,629	25,840	25,078	5,322	863	7,072	14,064	11,560	7,376	135,156
MAX	90,502	252,063	43,727	150,002	163,278	293,178	142,155	13,554	95,146	318,738	177,845	85,941	751,366
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0

UNAPPROPRIATED FLOWS (AC-FT) AT CONTROL POINT GS300-BB # of months in drought 144 months 12.0 years
LAVACA RIVER NEAR EDNA [BBEST-NHFP] total depletion in drought 696,110 58,009 anualized
 units are acre-feet MAX DURING DROUGHT 90,693

46-56
57,188

WGS800

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	0	5,874	0	0	0	3,332	238,251	0	0	0	202,214	96,734	546,405
1941	30,650	20,060	76,289	68,798	163,278	111,636	19,145	5,347	0	4,203	9,646	538	509,590
1942	0	216	106	48,788	0	0	61,844	0	9,384	0	1,422	494	122,254
1943	2,143	0	7,211	0	0	0	1,679	0	0	0	0	12,297	23,330
1944	38,366	7,523	73,882	479	42,138	0	0	233	0	0	1,693	5,761	170,076
1945	17,774	3,037	2,588	28,874	0	0	0	0	0	0	0	0	52,272
1946	0	12,335	9,116	784	1,874	39,851	0	37,801	90,693	80,652	35,227	4,740	313,073
1947	32,867	1,506	7,943	4,445	27,503	0	0	0	0	0	0	0	74,263
1948	0	0	0	0	58,136	0	0	0	0	0	0	0	58,136
1949	0	0	0	43,907	438	0	0	0	0	12,561	0	21,414	78,320
1950	2,691	2,055	0	0	0	0	0	0	0	0	0	0	4,746
1951	0	0	0	0	0	0	0	0	0	0	0	0	0
1952	0	0	0	0	36,925	2,017	0	0	0	0	0	17,159	56,101
1953	0	0	0	0	30,344	0	0	0	0	0	0	0	30,344
1954	0	0	0	0	0	0	0	0	0	0	0	0	0
1955	0	0	0	0	14,088	0	0	0	0	0	0	0	14,088
1956	0	0	0	0	0	0	0	0	0	0	0	0	0
1957	0	0	0	44,821	22,218	9,626	0	0	0	110,087	66,830	1,543	255,125
1958	35,351	60,582	4,229	0	13,724	0	0	0	10,477	9,948	771	3,504	138,585
1959	325	61,763	711	72,147	11,339	0	0	0	0	8,904	10,961	5,520	171,670
1960	5,587	7,393	215	647	0	56,878	3,863	33,251	0	220,391	46,606	30,606	405,436
1961	52,211	58,177	4,053	0	0	72,887	28,619	0	116,417	4,314	62,991	1,818	401,486
1962	350	398	0	30,384	0	5,192	0	0	0	0	0	0	36,324
1963	0	12,017	0	0	0	0	0	0	0	0	0	0	12,017
1964	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	10,497	54,121	207	0	92,470	28,913	0	0	0	0	36,813	11,395	234,417
1966	1,879	11,049	3,008	26,736	35,769	0	0	0	0	0	0	0	78,441
1967	0	0	0	0	0	0	0	0	74,101	46,353	2,546	0	123,000
1968	58,079	5,049	3,330	5,926	73,499	106,901	5,051	0	0	0	0	7,608	265,443
1969	2,396	59,582	37,213	75,101	78,196	0	0	0	0	0	0	11,565	264,053
1970	12,289	830	17,926	0	70,032	15,580	0	0	9,113	10,737	0	0	136,506
1971	0	0	0	0	0	0	0	13,495	78,462	16,759	1,088	30,246	140,050
1972	17,352	21,604	6,083	0	184,527	12,913	0	343	0	0	0	0	242,822
1973	0	5,911	60,304	148,615	24,814	293,178	16,569	4,055	9,176	108,042	9,320	1,919	681,902
1974	62,127	7,255	1,625	0	21,324	38,458	0	0	85,631	3,609	35,626	11,069	266,724
1975	4,205	3,744	192	27,262	99,602	19,625	20,550	0	0	0	0	7,206	182,387
1976	0	0	0	25,390	43,953	6,594	13,145	0	0	50,717	19,908	144,060	303,767
1977	17,566	56,323	5,453	48,755	4,514	6,862	0	0	0	0	0	0	139,473
1978	2,565	5,534	932	7,017	0	0	0	0	157,671	789	6,399	75	180,981
1979	90,243	39,022	16,961	56,811	142,825	78,665	4,630	0	41,062	0	0	0	470,219
1980	27,351	9,163	42	0	43,884	0	0	0	0	0	0	0	80,440
1981	0	0	0	0	0	129,879	15,473	1,523	132,215	11,926	98,914	2,612	392,542
1982	275	26,978	3,843	0	191,546	0	0	0	0	0	51,773	5,032	279,448
1983	7,258	41,318	44,656	0	11,777	0	47,588	1,726	3,037	6,953	24,524	98	188,935
1984	14,362	824	992	0	0	0	0	0	0	0	0	604	16,781
1985	16,120	15,447	34,418	105,407	4,015	0	3,565	0	0	0	43,031	2,216	224,219
1986	0	76	0	0	0	49,030	0	0	0	0	0	58,333	107,439
1987	13,675	50,349	10,049	0	87	281,595	4,941	0	0	0	2,323	12,098	375,116
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	65,094	1,423	0	3,168	0	0	0	0	125,552	195,237
1992	90,502	297,984	35,436	157,228	143,870	93,941	0	0	0	0	0	9,283	828,243
1993	11,328	15,064	37,560	19,645	130,558	227,857	1,556	0	0	0	0	0	443,570
1994	0	0	0	0	80,190	0	0	0	0	427,092	3,962	14,993	526,237
1995	31,036	2,724	33,113	27,932	3,138	8,123	0	0	0	0	0	0	106,067
1996	0	0	0	0	0	0	0	0	7,088	0	0	169	7,257
AVG	12,446	17,244	9,468	20,017	33,404	29,816	8,590	1,715	14,465	19,895	13,589	11,548	192,199
MAX	90,502	297,984	76,289	157,228	191,546	293,178	238,251	37,801	157,671	427,092	202,214	144,060	828,243
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0

UNAPPROPRIATED FLOWS (AC-FT) AT CONTROL POINT GS300-BB # of months in drought 144 months 12.0 years
 LAVACA RIVER NEAR EDNA [LYONS] total depletion in drought 717,474 59,789 anualized
 units are acre-feet MAX DURING DROUGHT 92,018

46-56
59,210

WGS800

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	0	6,348	0	0	0	3,403	237,845	0	0	0	203,155	101,235	551,986
1941	34,246	22,910	78,835	71,045	165,138	113,758	19,503	5,430	0	5,134	11,099	2,143	529,241
1942	653	822	147	49,083	0	0	62,083	0	9,534	0	1,422	1,028	124,772
1943	3,104	0	7,482	0	0	0	1,757	0	0	0	0	13,408	25,751
1944	39,948	8,436	76,224	705	44,030	0	0	430	0	0	1,950	7,491	179,215
1945	19,084	3,858	3,527	30,757	0	0	0	0	0	0	0	0	57,225
1946	0	12,236	10,834	1,110	2,245	41,507	0	38,304	92,018	82,561	37,163	7,681	325,659
1947	36,385	2,939	8,310	4,652	27,825	0	0	0	0	0	0	0	80,111
1948	0	0	0	0	58,145	0	0	0	0	0	0	0	58,145
1949	0	0	0	43,798	409	0	0	0	0	12,687	0	22,395	79,289
1950	3,685	2,787	0	0	0	0	0	0	0	0	0	0	6,472
1951	0	0	0	0	0	0	0	0	0	0	0	0	0
1952	0	0	0	0	36,694	1,908	0	0	0	0	0	18,426	57,028
1953	0	0	0	0	30,521	0	0	0	0	0	0	0	30,521
1954	0	0	0	0	0	0	0	0	0	0	0	0	0
1955	0	0	0	0	14,088	0	0	0	0	0	0	0	14,088
1956	0	0	0	0	0	0	0	0	0	0	0	0	0
1957	0	0	0	44,583	21,579	9,228	0	0	0	110,771	67,696	3,964	257,820
1958	38,897	63,852	6,217	0	14,943	0	0	0	10,465	10,117	772	3,924	149,187
1959	442	62,895	1,448	73,847	13,143	0	0	0	0	8,958	11,100	7,847	179,679
1960	8,395	9,530	1,131	680	0	57,125	4,321	34,423	0	222,306	48,563	34,744	421,218
1961	55,533	60,923	5,289	0	0	74,286	29,403	0	116,974	4,314	63,832	4,446	415,000
1962	3,079	1,360	0	30,707	0	5,380	0	0	0	0	0	0	40,526
1963	0	11,917	0	0	0	0	0	0	0	0	0	0	11,917
1964	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	10,506	53,877	792	0	93,717	31,174	0	0	0	0	37,153	15,698	242,916
1966	5,084	13,611	4,786	28,431	37,933	0	0	0	0	0	0	0	89,845
1967	0	0	0	0	0	0	0	0	74,101	46,583	2,546	0	123,229
1968	59,487	5,923	5,513	7,423	75,878	109,299	5,051	0	0	0	0	9,242	277,816
1969	3,600	60,597	39,766	77,513	80,097	0	0	0	0	0	0	12,809	274,382
1970	13,623	1,514	18,246	0	70,162	15,882	0	0	9,142	11,276	0	0	139,844
1971	0	0	0	0	0	0	0	13,509	78,924	17,026	1,088	32,006	142,553
1972	18,735	22,502	8,331	0	186,389	14,436	0	343	0	0	0	0	250,737
1973	0	6,612	60,623	149,037	24,991	293,663	16,630	4,055	9,196	109,173	9,320	3,922	687,223
1974	66,008	9,021	3,007	0	23,339	40,309	0	0	86,107	3,609	36,458	14,723	282,581
1975	6,898	6,568	1,361	29,360	101,868	21,076	21,051	0	0	0	0	8,361	196,543
1976	0	0	0	25,636	44,203	6,807	12,948	0	0	51,328	20,545	146,163	307,631
1977	18,961	57,235	6,834	51,107	4,839	8,245	0	0	0	0	0	0	147,222
1978	3,058	6,395	1,383	7,419	0	0	0	0	157,661	789	6,535	2,052	185,292
1979	94,252	41,905	19,419	58,969	144,832	80,563	4,630	0	41,579	0	0	0	486,149
1980	28,769	10,147	497	0	44,955	0	0	0	0	0	0	0	84,367
1981	0	0	0	0	0	129,417	16,103	2,415	134,024	13,953	101,038	5,238	402,188
1982	2,906	29,527	5,860	0	193,447	0	0	0	0	0	52,269	8,289	292,298
1983	9,726	43,990	47,210	0	13,847	0	47,812	1,752	3,424	7,555	25,288	610	201,215
1984	16,936	2,321	2,408	0	0	0	0	0	0	0	0	991	22,656
1985	18,928	16,873	36,612	107,339	4,758	0	3,644	0	0	0	43,488	4,513	236,154
1986	0	220	0	0	0	49,252	0	0	0	0	0	58,922	108,394
1987	14,855	51,452	12,098	0	97	284,462	4,941	0	0	0	2,479	13,883	384,267
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	65,982	1,762	0	3,215	0	0	0	0	125,609	196,568
1992	90,576	297,730	37,881	159,384	146,113	95,890	0	0	0	0	0	11,424	838,999
1993	13,824	17,801	39,464	21,939	132,748	229,895	1,556	0	0	0	0	0	457,227
1994	0	0	0	0	80,444	0	0	0	0	427,758	3,962	16,849	529,013
1995	32,491	3,481	33,479	28,339	3,373	8,274	0	0	0	0	0	0	109,436
1996	0	0	0	0	0	0	0	0	7,088	0	0	233	7,321
AVG	13,556	18,072	10,263	20,506	34,010	30,267	8,640	1,766	14,566	20,103	13,841	12,636	198,227
MAX	94,252	297,730	78,835	159,384	193,447	293,663	237,845	38,304	157,661	427,758	203,155	146,163	838,999
MIN	0	0	0	0	0	0	0	0	0	0	0	0	0

UNAPPROPRIATED FLOWS (AC-FT) AT CONTROL POINT GS1300

TRE PALACIOS NEAR MIDFIELD

# of months in drought	144 months	12.0 years
total depletion in drought	357,238	29,770 anualized

46-56
28,676

units are acre-feet

MAX DURING DROUGHT 29,759

GS1300

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	798	4,166	238	0	0	0	647	0	0	8,425	36,104	20,732	71,110
1941	10,546	7,257	13,791	17,108	29,666	8,048	0	0	383	12,881	2,559	726	102,965
1942	1,437	3,723	1,004	12,332	0	0	8,119	0	2,632	5,890	791	720	36,648
1943	3,505	3,365	4,785	0	0	0	0	0	0	5,086	1,199	1,758	19,698
1944	18,941	5,907	23,265	810	6,244	0	0	1,833	2,145	5,289	892	1,560	66,886
1945	7,745	4,805	1,172	7,926	0	0	0	0	0	6,523	161	375	28,707
1946	5,902	11,304	5,611	495	9	9,315	0	1,904	17,081	17,747	6,970	4,003	80,341
1947	14,494	3,542	2,576	1,409	3,354	0	0	0	0	4,768	355	982	31,480
1948	3,082	7,090	3,691	0	10,596	0	0	0	0	4,726	84	166	29,435
1949	889	6,810	2,486	14,155	0	0	0	0	0	29,759	352	3,776	58,227
1950	5,215	5,498	387	561	0	1,394	0	0	0	4,764	0	232	18,051
1951	706	2,638	532	0	0	1,806	0	0	984	5,664	73	327	12,730
1952	690	3,319	323	2,419	11,984	0	0	0	0	4,675	2,937	2,617	28,964
1953	1,554	3,620	228	0	4,543	0	0	0	618	5,097	129	222	16,011
1954	725	2,598	0	153	0	0	0	0	0	4,864	0	0	8,340
1955	726	8,806	0	0	4,384	0	0	0	4	6,670	0	0	20,590
1956	689	3,155	0	0	0	0	0	0	0	4,524	0	2,901	11,269
1957	624	3,404	9,778	19,120	1,815	4,612	0	0	1,309	45,236	12,207	902	99,007
1958	11,787	14,579	1,241	7	920	0	0	0	3,889	7,739	675	312	41,149
1959	2,750	19,827	1,094	17,855	403	1,870	0	0	191	15,738	2,440	4,342	66,510
1960	6,377	8,062	1,121	594	0	16,165	0	2	227	39,632	8,970	5,902	87,052
1961	17,279	25,638	1,652	587	0	10,324	0	0	21,631	6,119	11,554	1,253	96,037
1962	1,580	3,776	614	7,999	0	0	0	0	1,122	5,117	339	402	20,949
1963	3,032	4,996	272	0	0	0	0	0	0	4,810	165	101	13,376
1964	944	4,745	1,311	0	0	0	0	0	1,591	6,060	49	102	14,802
1965	6,573	8,856	397	0	15,938	795	0	0	0	7,619	8,601	6,192	54,971
1966	4,100	8,265	2,970	7,445	5,156	0	0	0	0	5,619	127	274	33,956
1967	892	2,695	71	3	0	0	0	0	19,836	17,488	859	380	42,224
1968	30,348	4,653	1,886	2,145	12,781	24,598	0	0	612	7,504	480	3,153	88,160
1969	3,465	18,339	10,329	18,820	13,551	0	0	0	0	7,272	616	1,069	73,461
1970	5,432	3,218	9,029	86	11,443	27	0	0	3,635	21,052	394	372	54,688
1971	223	325	130	0	0	0	0	3,781	14,611	16,309	778	21,169	57,326
1972	3,764	2,915	2,180	0	33,120	866	0	0	0	5,600	397	343	49,185
1973	2,672	9,406	14,515	34,225	2,957	48,473	0	0	2,175	31,469	2,259	1,110	149,261
1974	10,658	3,120	1,489	342	2,336	2,000	0	214	15,830	8,153	6,667	11,091	61,900
1975	2,615	940	723	7,460	17,248	3,609	2,823	0	205	6,600	472	18,282	60,977
1976	679	305	508	302	0	0	6,025	0	2,212	1,772	11,883	24,501	48,187
1977	2,808	3,060	846	4,462	0	0	0	0	4,474	6,337	6,586	511	29,084
1978	9,073	10,067	771	1,134	0	809	0	0	9,478	463	4,739	4,582	41,116
1979	31,972	18,777	19,100	8,234	12,936	572	16,528	82	76,151	774	795	4,724	190,645
1980	13,199	3,650	3,159	0	32,309	0	0	0	4,147	6,164	284	359	63,271
1981	877	648	340	0	18,269	20,983	32,269	2,305	19,386	3,577	24,842	1,013	124,509
1982	670	12,071	1,420	0	64,751	0	0	0	0	498	17,966	1,629	99,005
1983	11,928	25,326	14,184	0	0	0	19,532	0	38,275	69,093	4,390	911	183,639
1984	4,365	744	491	0	9,830	0	0	0	0	83,510	4,958	2,636	106,534
1985	5,916	3,281	35,779	19,498	0	10,741	5,924	0	325	4,774	923	8,587	95,748
1986	597	343	512	0	0	0	0	0	729	21,089	9,037	23,729	56,036
1987	7,976	19,241	1,890	0	0	22,276	0	0	590	0	11,206	4,752	67,931
1988	1,271	563	1,223	0	0	0	0	0	340	1,332	265	963	5,957
1989	15,883	806	702	0	2,835	0	0	0	0	0	180	345	20,751
1990	768	15,008	7,921	7,936	3,025	0	0	0	0	0	0	91	34,749
1991	32,884	13,115	5,593	37,659	1,089	0	0	0	2,551	95	2,178	34,759	129,923
1992	29,647	56,007	3,158	34,149	57,337	3,421	0	0	0	5,517	34,177	6,489	229,902
1993	14,378	20,874	13,330	3,395	24,034	22,139	0	0	0	533	5,742	726	105,151
1994	940	2,450	3,198	0	4,039	15,319	0	3,056	5,397	82,729	692	18,108	135,928
1995	13,189	921	14,724	22,577	16,927	5,396	0	0	0	0	2,097	27,880	103,711
1996	760	332	354	0	0	37,507	0	3,350	17,050	2,334	5,373	6,041	73,101
AVG	6,887	7,771	4,388	5,498	7,646	4,791	1,612	290	5,120	12,159	4,543	5,108	65,813
MAX	32,884	56,007	35,779	37,659	64,751	48,473	32,269	3,781	76,151	83,510	36,104	34,759	229,902
MIN	223	305	0	0	0	0	0	0	0	0	0	0	5,957

UNAPPROPRIATED FLOWS (AC-FT) AT CONTROL POINT GS1300-B TRE PALACIOS NEAR MIDFIELD [BBEST] # of months in drought 144 months 12.0 years total depletion in drought 228,275 19,023 anualized

46-56
18,056

units are acre-feet

MAX DURING DROUGHT 13,111

UNAPPROPRIATED FLO

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	0	1,657	9	0	0	0	633	0	0	4,510	7,174	11,906	25,889
1941	9,439	6,257	5,469	11,530	28,313	7,733	0	0	93	7,130	177	45	76,187
1942	330	2,723	261	4,790	0	0	7,579	0	2,114	5,091	200	101	23,190
1943	2,706	2,643	3,986	0	0	0	0	0	0	4,656	842	1,179	16,012
1944	8,654	5,159	9,502	646	5,801	0	0	1,833	1,529	4,490	427	956	38,997
1945	2,097	4,083	536	7,082	0	0	0	0	0	5,724	0	43	19,566
1946	5,349	4,669	4,260	300	6	6,105	0	1,832	13,111	9,047	5,899	2,896	53,474
1947	8,530	2,542	1,777	1,389	3,135	0	0	0	0	4,346	98	429	22,246
1948	2,529	6,572	2,892	0	4,415	0	0	0	0	4,296	0	0	20,703
1949	424	1,464	1,933	10,519	0	0	0	0	0	9,302	37	1,649	25,328
1950	4,416	4,776	0	398	0	601	0	0	0	4,367	0	2	14,560
1951	153	2,138	112	0	0	1,774	0	0	881	2,189	13	14	7,273
1952	137	2,801	97	2,262	3,758	0	0	0	0	3,916	2,580	2,032	17,583
1953	755	2,898	0	0	4,308	0	0	0	511	4,298	0	3	12,773
1954	172	2,098	0	143	0	0	0	0	0	1,991	0	0	4,404
1955	377	2,249	0	0	1,552	0	0	0	2	6,240	0	0	10,420
1956	274	2,637	0	0	0	0	0	0	0	4,265	0	2,678	9,854
1957	535	3,100	9,250	9,213	1,791	4,599	0	0	1,241	13,228	11,433	48	54,439
1958	3,494	13,505	137	6	775	0	0	0	1,067	4,410	304	124	23,822
1959	1,951	9,627	191	7,487	325	1,870	0	0	132	9,047	2,024	877	33,531
1960	2,842	7,027	47	401	0	8,207	0	2	89	19,097	7,899	4,795	50,405
1961	9,058	24,638	308	509	0	5,649	0	0	8,840	5,320	10,780	180	65,281
1962	473	2,776	0	5,013	0	0	0	0	970	1,933	5	110	11,280
1963	2,479	2,034	0	0	0	0	0	0	0	4,401	56	6	8,975
1964	623	4,227	891	0	0	0	0	0	1,520	2,499	0	0	9,759
1965	3,682	2,221	0	0	11,394	710	0	0	0	3,723	4,778	5,085	31,593
1966	2,993	6,012	1,617	3,956	4,468	0	0	0	0	4,820	0	0	23,866
1967	339	2,195	0	2	0	0	0	0	3,093	16,896	442	0	22,968
1968	10,952	3,905	742	1,669	3,589	20,462	0	0	349	6,705	19	2,354	50,747
1969	2,666	10,320	4,707	10,498	12,835	0	0	0	0	3,351	192	762	45,331
1970	2,287	2,496	8,230	86	11,112	26	0	0	3,034	8,083	9	0	35,364
1971	0	8	0	0	0	0	0	3,165	7,618	15,510	405	13,095	39,801
1972	3,079	2,263	1,168	0	20,454	866	0	0	0	4,801	112	0	32,743
1973	1,944	3,915	4,390	8,440	2,736	47,699	0	0	1,922	18,500	1,780	320	91,648
1974	7,225	2,204	724	254	2,144	1,997	0	202	11,934	7,354	5,953	7,591	47,580
1975	1,644	108	45	6,865	9,855	1,089	2,500	0	112	5,801	169	10,436	38,625
1976	101	0	27	264	0	0	5,912	0	1,765	1,047	2,099	15,141	26,356
1977	2,009	2,338	0	3,763	0	0	0	0	4,149	2,749	3,011	65	18,084
1978	5,911	6,948	0	811	0	717	0	0	9,061	303	4,383	1,374	29,509
1979	25,965	17,846	884	3,989	12,180	512	15,450	82	40,231	223	214	1,679	119,256
1980	7,658	2,904	2,154	0	12,978	0	0	0	3,842	2,575	7	0	32,117
1981	422	227	10	0	8,983	17,303	17,814	1,991	10,722	2,529	20,745	245	80,990
1982	40	4,103	456	0	38,702	0	0	0	0	366	6,834	793	51,294
1983	5,108	21,918	6,092	0	0	0	18,663	0	20,058	68,294	3,616	84	143,833
1984	3,441	18	0	0	2,203	0	0	0	0	57,995	4,541	1,814	70,012
1985	4,810	2,375	12,739	18,345	0	10,303	5,797	0	241	1,472	315	1,788	58,185
1986	31	0	11	0	0	0	0	0	451	8,057	8,341	15,659	32,550
1987	7,180	2,145	0	0	0	11,844	0	0	380	0	7,428	1,454	30,431
1988	468	0	613	0	0	0	0	0	299	902	24	461	2,768
1989	7,099	85	258	0	2,638	0	0	0	0	0	93	12	10,184
1990	376	2,551	3,035	2,937	2,732	0	0	0	0	0	0	22	11,652
1991	16,147	12,615	1,495	7,049	905	0	0	0	2,065	0	1,517	26,896	68,689
1992	29,094	41,725	1,938	19,318	55,985	3,133	0	0	0	1,997	25,781	3,002	181,973
1993	7,277	6,165	12,001	2,896	14,407	15,603	0	0	0	303	2,349	225	61,226
1994	483	2,003	2,542	0	3,848	11,774	0	2,572	4,623	60,659	77	10,096	98,677
1995	12,390	200	5,618	5,332	16,304	5,279	0	0	0	0	1,462	19,960	66,546
1996	207	0	18	0	0	10,598	0	2,894	5,596	1,732	4,873	385	26,303
AVG	4,225	5,020	1,985	2,775	5,344	3,447	1,304	256	2,871	7,939	2,834	2,998	40,997
MAX	29,094	41,725	12,739	19,318	55,985	47,699	18,663	3,165	40,231	68,294	25,781	26,896	181,973
MIN	0	0	0	0	0	0	0	0	0	0	0	0	2,768

UNAPPROPRIATED FLOWS (AC-FT) AT CONTROL POINT GS1300-B # of months in drought 144 months 12.0 years
TRE PALACIOS NEAR MIDFIELD [BBEST-NHPF] total depletion in drought 320,947 26,746 anualized

46-56
25,624

units are acre-feet

MAX DURING DROUGHT 29,329

UNAPPROPRIATED FLO

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	0	3,437	9	0	0	0	633	0	0	7,632	35,354	19,625	66,692
1941	9,439	6,257	12,438	15,799	28,313	7,733	0	0	93	11,774	1,538	45	93,430
1942	330	2,723	261	11,733	0	0	7,955	0	2,114	5,091	200	101	30,510
1943	2,706	2,643	3,986	0	0	0	0	0	0	4,656	842	1,179	16,012
1944	18,142	5,159	21,912	646	5,801	0	0	1,833	1,529	4,490	427	956	60,894
1945	6,946	4,083	536	7,082	0	0	0	0	0	5,724	0	43	24,414
1946	5,349	10,804	4,260	300	6	9,045	0	1,832	16,010	16,640	5,899	2,896	73,041
1947	13,387	2,542	1,777	1,389	3,135	0	0	0	0	4,346	98	429	27,103
1948	2,529	6,572	2,892	0	10,406	0	0	0	0	4,296	0	0	26,694
1949	424	6,310	1,933	13,727	0	0	0	0	0	29,329	37	3,215	54,974
1950	4,416	4,776	0	398	0	1,290	0	0	0	4,367	0	2	15,249
1951	153	2,138	112	0	0	1,774	0	0	881	5,234	13	14	10,318
1952	137	2,801	97	2,262	11,797	0	0	0	0	3,916	2,580	2,032	25,622
1953	755	2,898	0	0	4,308	0	0	0	511	4,298	0	3	12,773
1954	172	2,098	0	143	0	0	0	0	0	4,502	0	0	6,915
1955	377	8,385	0	0	4,315	0	0	0	2	6,240	0	0	19,319
1956	274	2,637	0	0	0	0	0	0	0	4,265	0	2,678	9,854
1957	535	3,100	9,250	18,640	1,791	4,599	0	0	1,241	44,503	11,433	48	95,140
1958	10,680	13,579	137	6	775	0	0	0	3,658	7,309	304	124	36,573
1959	1,951	19,105	191	16,662	325	1,870	0	0	132	15,308	2,024	3,270	60,838
1960	5,270	7,027	47	401	0	15,921	0	2	89	38,895	7,899	4,795	80,345
1961	16,172	24,638	308	509	0	9,939	0	0	20,917	5,320	10,780	180	88,762
1962	473	2,776	0	7,521	0	0	0	0	970	4,687	37	110	16,575
1963	2,479	4,498	0	0	0	0	0	0	0	4,401	56	6	11,440
1964	623	4,227	891	0	0	0	0	0	1,520	5,630	0	0	12,890
1965	6,147	8,356	0	0	15,372	710	0	0	0	6,820	7,901	5,085	50,390
1966	2,993	7,265	1,617	6,618	4,656	0	0	0	0	4,820	0	0	27,970
1967	339	2,195	0	2	0	0	0	0	19,631	17,058	442	0	39,668
1968	29,549	3,905	742	1,669	11,890	24,066	0	0	349	6,705	19	2,354	81,248
1969	2,666	17,617	8,976	17,511	12,835	0	0	0	0	6,473	193	762	67,032
1970	4,633	2,496	8,230	86	11,112	26	0	0	3,034	20,253	9	0	49,879
1971	0	8	0	0	0	0	0	3,742	13,837	15,510	405	20,392	53,894
1972	3,079	2,263	1,168	0	31,779	866	0	0	0	4,801	112	0	44,068
1973	1,944	8,760	13,716	33,479	2,736	47,699	0	0	1,922	30,670	1,780	320	143,027
1974	9,653	2,204	724	254	2,144	1,997	0	202	15,056	7,354	5,953	9,984	55,524
1975	1,644	108	45	6,865	16,370	3,417	2,823	0	112	5,801	169	17,707	55,060
1976	101	0	27	264	0	0	6,019	0	1,765	1,047	11,179	23,702	44,104
1977	2,009	2,338	0	3,763	0	0	0	0	4,149	5,907	6,169	65	24,400
1978	8,334	9,345	0	811	0	717	0	0	9,061	303	4,383	3,695	36,649
1979	30,865	17,846	18,156	7,429	12,180	512	16,442	82	75,377	223	214	4,101	183,429
1980	12,506	2,904	2,154	0	31,003	0	0	0	3,842	5,734	7	0	58,149
1981	422	227	10	0	17,944	20,871	31,557	1,991	18,315	2,529	23,847	245	117,957
1982	40	11,396	456	0	63,464	0	0	0	0	366	17,365	793	93,879
1983	11,190	24,347	13,061	0	0	0	19,224	0	37,549	68,294	3,616	84	177,365
1984	3,441	18	0	0	9,304	0	0	0	0	83,080	4,541	1,814	102,199
1985	4,810	2,375	34,445	18,345	0	10,303	5,822	0	241	4,068	315	7,798	88,522
1986	31	0	11	0	0	0	0	0	451	20,337	8,341	22,930	52,101
1987	7,180	18,524	928	0	0	21,800	0	0	380	0	10,550	3,740	63,102
1988	468	0	613	0	0	0	0	0	299	902	24	461	2,768
1989	15,330	397	258	0	2,638	0	0	0	0	0	93	12	18,726
1990	376	14,617	7,384	7,650	2,924	0	0	0	0	0	0	22	32,974
1991	32,339	12,615	4,774	36,568	905	0	0	0	2,065	0	1,517	34,207	124,991
1992	29,094	55,489	1,938	32,849	55,985	3,133	0	0	0	4,822	33,403	5,431	222,144
1993	13,323	19,874	12,001	2,896	22,902	21,509	0	0	0	303	5,060	225	98,093
1994	483	2,003	2,542	0	3,848	15,140	0	2,963	4,623	81,930	77	17,315	130,925
1995	12,390	200	13,925	21,803	16,304	5,279	0	0	0	0	1,462	27,231	98,595
1996	207	0	18	0	0	36,985	0	3,148	16,277	1,732	4,873	5,329	68,569
AVG	6,163	7,104	3,666	5,194	7,356	4,688	1,587	277	4,877	11,591	4,097	4,519	61,119
MAX	32,339	55,489	34,445	36,568	63,464	47,699	31,557	3,742	75,377	83,080	35,354	34,207	222,144
MIN	0	0	0	0	0	0	0	0	0	0	0	0	2,768

UNAPPROPRIATED FLOWS (AC-FT) AT CONTROL POINT GS1200
GACITAS CREEK NEAR INEZ

# of months in drought	144 months	12.0 years
total depletion in drought	181,796	15,150 anualized

46-56
14,643

units are acre-feet

MAX DURING DROUGHT 11,133

GS1200

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	214	1,464	223	152	391	973	22,352	394	198	1,921	22,913	10,921	62,116
1941	4,538	2,955	9,250	8,461	23,895	16,123	8,304	1,354	589	1,704	1,637	998	79,808
1942	620	714	524	6,139	797	620	9,977	399	1,869	1,249	582	831	24,321
1943	800	604	1,434	391	1,006	1,264	55	371	236	920	889	2,452	10,422
1944	5,083	1,445	8,988	866	7,066	1,261	0	332	1,379	967	678	1,410	29,475
1945	2,780	918	875	4,120	524	1,236	0	288	105	1,010	132	596	12,584
1946	695	3,214	1,671	713	1,460	6,695	1,263	4,913	10,836	9,159	4,418	1,501	46,538
1947	4,742	969	1,416	1,136	5,056	741	0	172	106	860	230	671	16,099
1948	528	1,338	1,063	274	10,230	759	0	65	118	820	82	486	15,763
1949	353	1,298	484	6,965	1,357	676	51	580	222	3,047	246	3,172	18,451
1950	929	873	290	736	714	1,248	0	28	32	782	27	452	6,111
1951	189	345	124	94	134	2,719	0	0	930	924	83	472	6,014
1952	160	465	155	1,594	11,133	1,772	0	119	100	776	1,909	2,819	21,002
1953	445	585	213	323	5,881	403	0	1,582	732	904	109	487	11,664
1954	198	318	72	557	628	237	0	17	35	760	0	384	3,206
1955	150	4,086	96	201	5,986	1,050	0	1,022	276	780	3	413	14,063
1956	120	350	33	17	104	195	0	0	0	756	0	588	2,163
1957	79	729	3,070	9,500	3,977	2,620	0	14	1,112	12,076	7,720	1,139	42,036
1958	4,973	7,274	1,134	493	3,348	429	0	81	2,570	2,112	433	1,117	23,964
1959	519	7,169	710	8,856	2,964	1,289	0	468	484	2,324	1,549	1,455	27,787
1960	1,445	1,603	555	758	764	8,694	3,074	4,389	509	22,346	5,676	4,131	53,944
1961	7,046	7,046	1,112	760	833	10,893	5,704	547	13,825	1,685	7,312	1,174	57,937
1962	780	808	489	4,156	861	2,061	229	125	1,010	1,100	225	762	12,606
1963	686	2,123	330	188	291	414	966	33	29	782	118	627	6,587
1964	344	686	602	484	293	2,503	0	161	1,272	994	59	475	7,873
1965	4,436	6,203	559	463	13,915	5,568	0	202	124	1,270	5,452	2,140	40,332
1966	980	1,954	1,025	3,902	6,322	1,302	393	289	224	864	113	520	17,888
1967	258	365	174	487	357	278	0	110	12,567	5,750	549	674	21,569
1968	7,386	1,181	1,124	1,471	11,688	15,333	2,654	406	719	1,018	309	1,658	44,947
1969	905	6,938	4,951	9,355	12,237	1,075	0	232	334	1,482	417	2,257	40,183
1970	2,054	669	2,507	527	10,751	3,646	56	0	2,755	990	49	43	24,047
1971	42	22	47	52	13	1,402	292	464	13,995	9,416	657	3,002	29,404
1972	4,016	1,332	111	55	17,920	284	1,397	2,362	168	139	234	83	28,101
1973	638	3,271	1,414	12,573	527	20,728	293	282	3,204	10,202	416	235	53,783
1974	1,782	312	222	107	8,920	5,772	262	310	5,210	242	3,734	2,086	28,959
1975	840	188	140	89	8,708	2,759	886	210	486	169	131	12,906	27,512
1976	437	141	184	7,386	10,267	768	1,806	130	2,510	8,214	4,453	16,198	52,494
1977	2,566	6,099	484	1,307	289	9,534	260	150	305	706	926	222	22,848
1978	1,352	2,933	173	872	199	3,495	49	24	46,926	416	502	225	57,166
1979	12,266	5,811	560	3,866	30,934	6,563	2,337	287	20,043	655	267	236	83,825
1980	7,771	1,117	281	202	18,869	277	21	7	378	474	74	52	29,523
1981	131	79	85	89	3,580	44,315	1,895	171	145	1,227	4,169	171	56,057
1982	134	4,697	651	641	29,449	426	67	0	54	1,159	17,318	1,462	56,058
1983	635	6,516	4,036	293	212	57	13,388	1,097	1,471	9,877	3,127	281	40,990
1984	3,312	1,094	254	142	264	50	8	38	67	2,137	669	570	8,605
1985	3,239	1,493	12,455	16,981	810	665	1,878	129	96	386	343	389	38,864
1986	261	117	91	89	624	4,981	62	0	63	1,101	462	9,682	17,533
1987	2,960	5,707	1,076	136	684	43,543	1,180	164	283	153	4,533	1,422	61,841
1988	368	163	150	201	164	9	19	0	0	16	14	32	1,136
1989	1,224	492	40	33	3	0	14	0	0	2	1	2	1,811
1990	2	8	450	986	89	0	7,660	189	279	17	12	4	9,696
1991	4,212	3,674	920	39,124	515	156	2,601	190	1,021	246	335	11,840	64,834
1992	13,550	32,076	1,047	21,892	17,806	5,390	261	135	160	63	660	388	93,428
1993	2,195	3,819	9,863	2,013	24,746	40,565	670	86	69	92	130	109	84,357
1994	187	155	3,303	220	9,332	440	58	161	1,788	42,716	414	2,012	60,786
1995	3,403	163	3,501	412	376	726	48	70	166	29	434	896	10,224
1996	139	47	32	18	2	2,151	83	897	5,193	99	46	71	8,778
AVG	2,142	2,600	1,523	3,227	5,794	5,073	1,624	460	2,796	3,019	1,894	1,954	32,107
MAX	13,550	32,076	12,455	39,124	30,934	44,315	22,352	4,913	46,926	42,716	22,913	16,198	93,428
MIN	2	8	32	17	2	0	0	0	0	2	0	2	1,136

UNAPPROPRIATED FLOWS (AC-FT) AT CONTROL POINT GS1200-B # of months in drought 144 months 12.0 years
GACITAS CREEK NEAR INEZ [BBEST] total depletion in drought 120,053 10,004 anualized
 units are acre-feet MAX DURING DROUGHT 8,852

46-56
9,428

GS300

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	0	718	38	2	229	69	8,673	333	79	1,386	20,818	7,968	40,313
1941	4,108	2,566	3,367	8,044	14,620	15,706	7,973	1,170	291	798	1,148	568	60,359
1942	190	325	278	2,364	551	382	9,687	276	1,338	726	463	585	17,165
1943	554	382	1,188	153	760	1,026	5	110	176	859	829	1,315	7,357
1944	3,247	968	5,613	449	6,636	844	0	142	1,260	844	559	708	21,270
1945	774	696	465	2,495	149	902	0	135	9	887	13	473	6,998
1946	572	1,109	1,243	358	1,038	3,362	922	4,751	7,818	8,852	4,120	1,071	35,214
1947	3,355	580	1,170	898	3,326	503	0	49	46	799	170	548	11,445
1948	405	719	817	54	4,244	492	0	0	60	759	24	363	7,937
1949	230	699	361	3,862	1,234	557	13	321	167	2,571	186	1,167	11,370
1950	683	651	0	436	379	953	0	0	0	721	0	329	4,152
1951	66	234	51	38	43	2,606	0	0	460	450	29	349	4,325
1952	37	352	80	1,483	2,075	204	0	21	30	653	813	2,085	7,833
1953	199	363	11	160	4,171	170	0	1,353	626	781	19	364	8,217
1954	75	207	0	462	505	123	0	0	20	342	0	261	1,995
1955	83	1,984	4	105	4,396	931	0	814	216	719	0	290	9,542
1956	35	235	0	0	72	88	0	0	0	712	0	541	1,683
1957	59	661	2,949	6,397	3,854	2,501	0	0	654	1,867	7,601	709	27,253
1958	2,319	6,885	704	85	1,450	32	0	2	356	1,809	373	672	14,688
1959	31	4,682	282	5,514	2,534	873	0	221	424	1,436	1,489	586	18,074
1960	540	1,201	132	443	368	2,406	2,743	4,205	239	11,075	5,378	2,744	31,473
1961	4,913	6,657	682	343	403	1,330	5,212	363	11,302	1,562	7,193	744	40,703
1962	350	419	243	2,434	615	799	86	10	534	622	165	639	6,918
1963	563	680	85	4	108	236	742	1	1	721	73	505	3,718
1964	23	293	484	371	171	930	0	64	807	518	2	352	4,015
1965	1,823	6,092	133	105	7,729	5,151	0	79	20	736	3,131	789	25,788
1966	550	1,565	595	2,013	4,419	885	230	166	105	741	1	397	11,668
1967	135	254	51	369	247	168	0	59	3,795	5,251	489	428	11,247
1968	4,613	951	694	1,056	1,873	14,916	2,323	222	600	895	190	924	29,256
1969	228	4,963	3,048	3,150	11,807	658	0	109	215	947	298	352	25,776
1970	1,312	447	2,261	289	7,545	3,431	13	0	1,055	879	8	0	17,239
1971	0	0	0	0	0	1,322	222	285	11,490	9,293	538	651	23,801
1972	3,770	1,138	0	0	1,929	60	1,153	2,239	79	72	121	0	10,560
1973	417	2,062	1,187	2,926	286	19,036	101	116	950	10,079	297	0	37,458
1974	1,050	44	2	0	4,232	3,939	139	150	2,889	122	3,615	1,178	17,360
1975	522	0	0	0	2,223	845	537	76	390	73	30	3,471	8,167
1976	210	0	35	3,505	7,866	553	1,576	69	722	7,393	4,334	13,845	40,109
1977	2,320	5,877	67	940	10	457	137	37	245	232	866	38	11,227
1978	635	2,216	0	647	0	1,762	2	0	17,797	223	442	0	23,726
1979	9,818	5,436	251	2,789	20,950	6,176	2,056	165	17,520	532	148	39	65,880
1980	5,440	887	1	0	6,954	0	0	0	326	413	19	0	14,039
1981	39	0	1	8	2,246	30,941	1,552	19	1	80	2,524	0	37,410
1982	0	2,500	329	368	12,036	147	7	0	3	655	15,219	613	31,877
1983	332	4,372	2,133	21	22	0	4,331	974	941	7,762	3,008	11	23,907
1984	915	706	0	0	109	0	0	1	18	1,245	609	194	3,799
1985	2,056	1,155	5,473	6,475	27	409	1,609	48	54	278	224	92	17,901
1986	0	0	0	0	462	3,261	0	0	14	1,008	359	1,972	7,077
1987	2,714	5,500	706	0	473	12,448	831	39	209	57	2,025	594	25,597
1988	47	0	1	67	60	0	3	0	0	6	0	3	186
1989	350	234	0	0	0	0	0	0	0	0	0	0	583
1990	0	1	410	905	50	0	7,430	119	225	0	1	0	9,140
1991	1,944	3,573	740	25,011	261	67	2,320	77	903	163	258	9,426	44,741
1992	13,427	23,093	652	15,645	17,376	4,973	73	34	54	0	555	174	76,057
1993	1,381	1,697	1,507	1,616	2,365	40,154	353	0	3	13	39	19	49,146
1994	75	44	1,608	32	3,988	281	14	79	1,315	33,332	295	1,291	42,355
1995	1,411	3	1,826	193	236	538	0	3	100	0	345	761	5,415
1996	41	0	0	0	0	1,025	29	728	4,250	26	1	14	6,115
AVG	1,421	1,914	771	1,844	3,012	3,362	1,107	355	1,635	2,193	1,605	1,109	20,327
MAX	13,427	23,093	5,613	25,011	20,950	40,154	9,687	4,751	17,797	33,332	20,818	13,845	76,057
MIN	0	0	0	0	0	0	0	0	0	0	0	0	186

UNAPPROPRIATED FLOWS (AC-FT) AT CONTROL POINT GS1200-B # of months in drought 144 months 12.0 years
GACITAS CREEK NEAR INEZ [BBEST-NHFP] total depletion in drought 163,845 13,654 anualized
 units are acre-feet MAX DURING DROUGHT 11,028

46-56
13,135

GS300

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1940	0	1,197	38	2	229	815	22,291	333	79	1,798	22,794	10,491	60,066
1941	4,108	2,566	8,820	8,044	23,465	15,706	8,120	1,170	291	1,397	1,339	568	75,593
1942	190	325	278	5,901	551	382	9,854	276	1,750	1,126	463	585	21,681
1943	554	382	1,188	153	760	1,026	21	248	176	859	829	2,206	8,403
1944	4,837	1,215	8,558	449	6,636	844	0	209	1,260	844	559	1,164	26,575
1945	2,534	696	465	3,703	149	902	0	175	9	887	13	473	10,007
1946	572	3,103	1,243	358	1,038	6,278	1,079	4,751	10,538	8,852	4,120	1,071	43,003
1947	4,312	580	1,170	898	4,810	503	0	49	46	799	170	548	13,885
1948	405	1,223	817	54	10,023	521	0	0	60	759	24	363	14,249
1949	230	1,187	361	6,846	1,234	557	13	480	167	2,986	186	2,935	17,182
1950	683	651	0	436	379	953	0	0	0	721	0	329	4,152
1951	66	234	51	38	43	2,606	0	0	872	863	29	349	5,150
1952	37	352	80	1,483	11,028	1,653	0	41	30	653	1,821	2,573	19,751
1953	199	363	11	160	5,655	170	0	1,524	626	781	19	364	9,872
1954	75	207	0	462	505	123	0	0	20	705	0	261	2,358
1955	83	3,983	4	105	5,888	931	0	977	216	719	0	290	13,196
1956	35	235	0	0	72	88	0	0	0	712	0	541	1,683
1957	59	661	2,949	9,381	3,854	2,501	0	0	1,063	11,953	7,601	709	40,731
1958	4,543	6,885	704	85	2,922	32	0	2	2,511	2,051	373	882	20,991
1959	285	6,947	282	8,445	2,534	873	0	345	424	2,263	1,489	1,054	24,941
1960	1,015	1,201	132	443	368	8,474	2,890	4,205	239	22,094	5,378	3,701	50,137
1961	6,616	6,657	682	343	403	10,486	5,520	363	13,706	1,562	7,193	744	54,273
1962	350	419	243	3,918	615	1,823	106	10	950	1,039	165	639	10,278
1963	563	2,012	85	4	108	236	905	1	1	721	73	505	5,212
1964	237	578	484	371	171	2,402	0	84	1,223	933	2	352	6,836
1965	4,313	6,092	133	105	13,504	5,151	0	79	20	1,147	5,333	1,710	37,587
1966	550	1,565	595	3,485	5,892	885	270	166	105	741	1	397	14,652
1967	135	254	51	369	247	168	0	83	12,517	5,689	489	428	20,430
1968	7,140	951	694	1,056	11,258	14,916	2,470	222	600	895	190	1,412	41,803
1969	659	6,716	4,521	8,938	11,807	658	0	109	215	1,359	298	2,012	37,292
1970	1,808	447	2,261	289	10,505	3,431	25	0	2,641	879	8	0	22,294
1971	0	0	0	0	0	1,322	263	429	13,894	9,293	538	2,758	28,497
1972	3,770	1,138	0	0	17,571	60	1,308	2,239	79	72	121	0	26,358
1973	417	3,054	1,187	12,335	306	20,520	117	132	3,088	10,079	297	0	51,534
1974	1,529	44	2	0	8,590	5,412	139	190	5,091	122	3,615	1,656	26,389
1975	522	0	0	0	8,374	2,415	702	76	390	73	30	12,776	25,357
1976	210	0	35	7,163	10,021	553	1,745	69	2,408	8,091	4,334	15,952	50,581
1977	2,320	5,877	67	940	10	9,218	137	37	245	645	866	38	20,400
1978	1,131	2,713	0	647	0	3,193	2	0	46,868	355	442	0	55,351
1979	11,836	5,436	251	3,529	30,526	6,176	2,214	165	19,924	532	148	39	80,776
1980	7,546	887	1	0	18,551	19	0	0	326	413	19	0	27,762
1981	39	0	1	8	3,501	44,196	1,711	19	1	1,081	3,902	0	54,460
1982	0	4,507	329	368	29,053	147	7	0	3	1,059	17,211	1,067	53,753
1983	332	6,130	3,606	21	22	0	13,294	974	1,353	9,754	3,008	11	38,505
1984	2,951	706	0	0	109	0	0	1	18	2,076	609	398	6,869
1985	2,809	1,155	12,029	16,564	447	409	1,764	48	54	278	224	92	35,874
1986	0	0	0	0	462	4,745	0	0	14	1,008	359	9,481	16,070
1987	2,714	5,500	706	0	473	43,126	996	39	209	57	4,429	1,045	59,294
1988	47	0	1	67	60	0	3	0	0	6	0	3	186
1989	1,159	421	0	0	0	0	0	0	0	0	0	0	1,580
1990	0	1	410	905	50	0	7,597	119	225	0	1	0	9,307
1991	4,117	3,573	740	38,753	261	67	2,478	77	903	163	258	11,767	63,155
1992	13,427	31,961	652	21,475	17,376	4,973	89	44	54	0	555	174	90,782
1993	1,860	3,455	9,490	1,632	24,316	40,154	500	0	3	13	39	19	81,480
1994	75	44	3,084	32	9,110	281	33	93	1,723	42,620	295	1,787	59,179
1995	3,158	3	3,278	193	236	538	0	3	100	0	345	761	8,615
1996	41	0	0	0	0	2,111	43	861	5,074	26	1	14	8,172
AVG	1,916	2,395	1,277	2,999	5,545	4,837	1,556	377	2,709	2,923	1,800	1,745	30,080
MAX	13,427	31,961	12,029	38,753	30,526	44,196	22,291	4,751	46,868	42,620	22,794	15,952	90,782
MIN	0	0	0	0	0	0	0	0	0	0	0	0	186