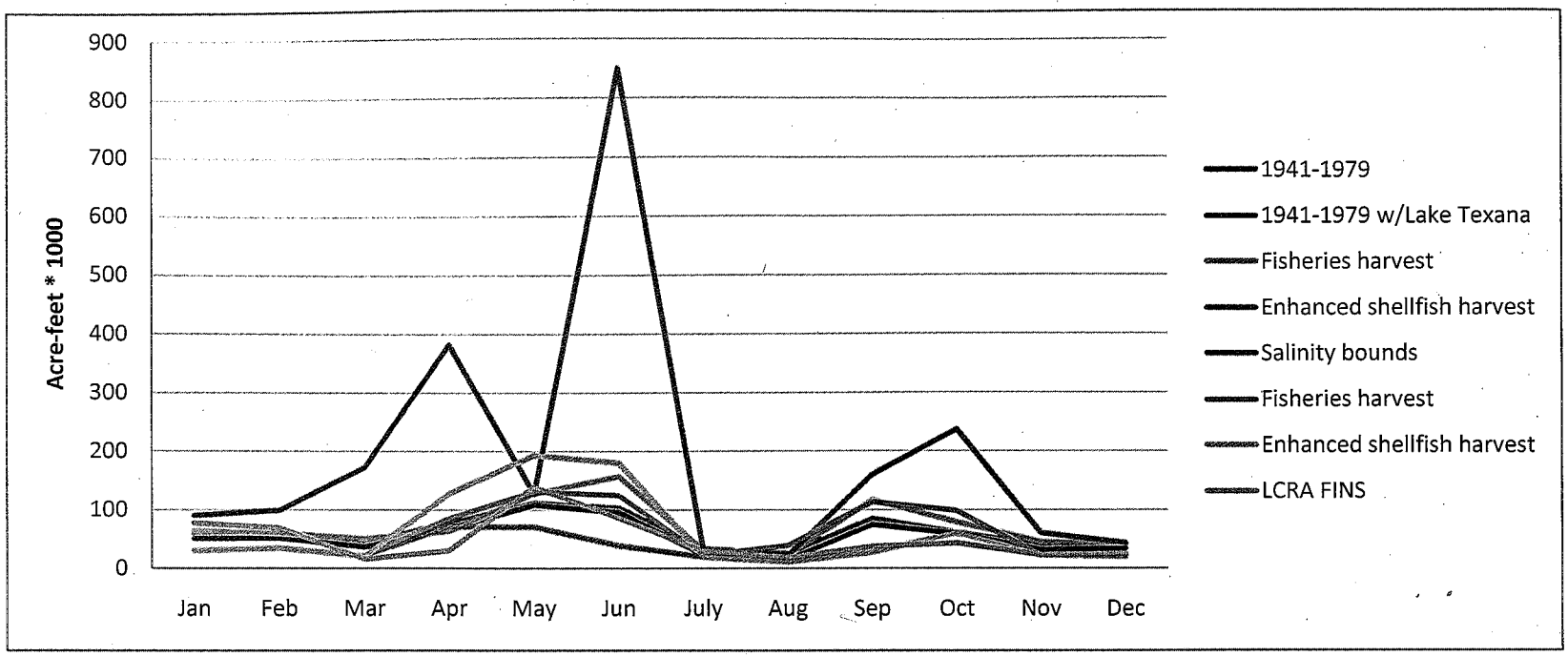
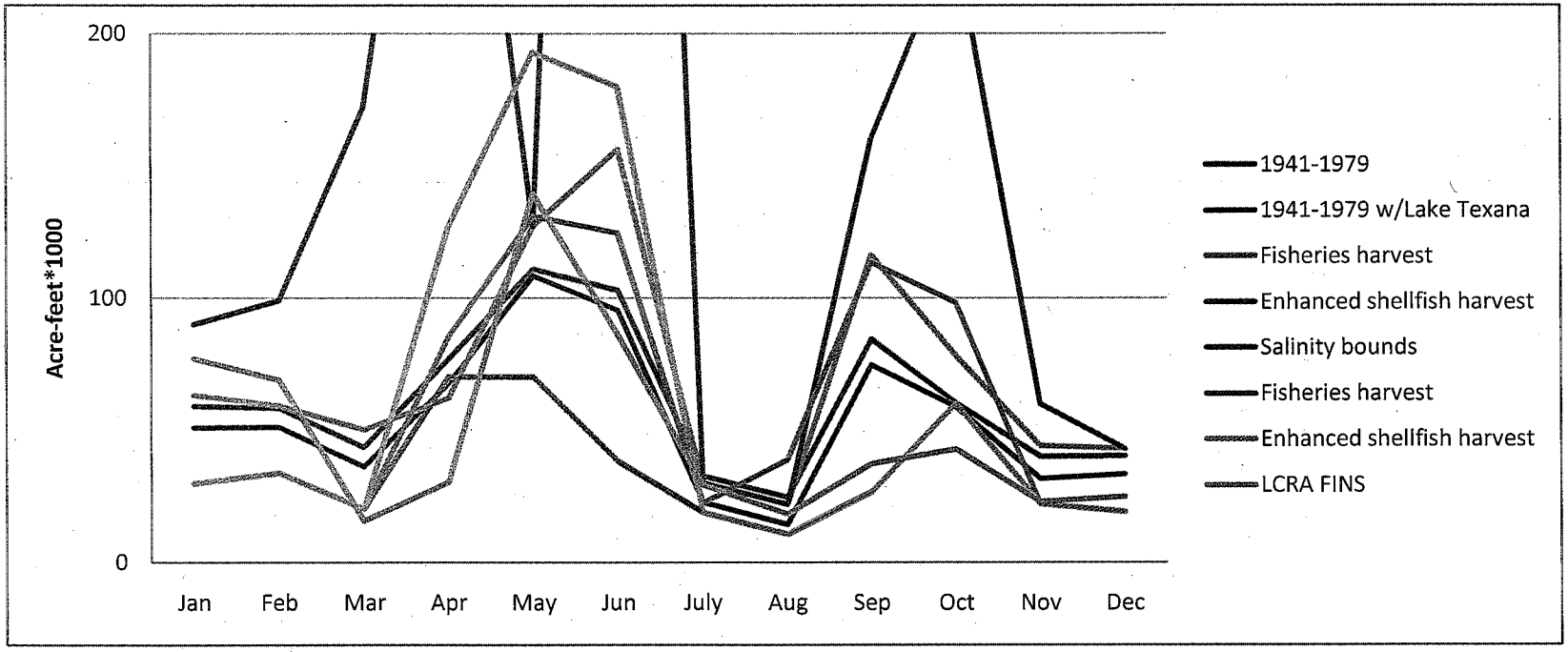
Lavaca-Navidad River Watershed Freshwater Inflow recommendations (ac-ft)

Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Comments	Citation
59	58	43	77	111	103	33	25	84	60	40	40	Case A, historical inflows (1941-1979)	1
51	51	36	68	108	95	23	14	75	59	32	34	Case C, historical inflows with senior water rights realized above Lake Texana and Lake Texana in operation	1
63	59	50	62	127	156	30	22	116	78	44	43	Maintain fisheries harvest	2
90	99	172	382	127	849	30	22	160	237	60	43	Shellfish harvest enhancement. Flooding recommendations: 9,000 cfs twice/yr (Mar-Jun), 9,000 cfs once/yr (Sep-Oct), 9,000 cfs once/yr (Nov-Feb), and 5,000 cfs once/2-3 yrs Apr-Jun, Sep or Oct	2
30	34	20	70	70	38	19	11	27	60	22	19	Alt. I, Subsistence, meets salinity bounds	3
30	34	20	85	131	125	22	39	113	98	22	19	Alt. II, Maintain fisheries harvest	3
30	34	20	127	193	180	19	11	27	60	22	19	Alt. III, Maximize commercial shellfish harvest	3
77	69	16	30	139	86	29	18	37	43	23	25	LCRA freshwater inflow needs study	4
54	55	47	113	126	204	26	20	80	87	33	30	Average	
90	99	172	382	193	849	33	39	160	237	60	43	Maximum	
30	34	16	30	70	38	19	11	27	43	22	19	Minimum	

Citation

1	1992	Brandes and Sullivan
2	1987	Mueller and Matthews
3	1980	TDWR
4	2006	LCRA


Acre-feet * 1000
900
800
700
600
500
400
300
200
100
0
Jan
Feb
Mar
Apr
May
Jun
July
Aug
Sep
Oct
Nov
Dec
1941-1979
1941-1979 w/Lake Texana
Fisheries harvest
Enhanced shellfish harvest
Salinity bounds
Fisheries harvest
Enhanced shellfish harvest
LCRA FINS


Acre-feet*1000
200
100
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Jan
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