Preliminary Analysis of Operation Studies With Full NO NAME Actions

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- Effects of SWP and CVP On Delta Outflow
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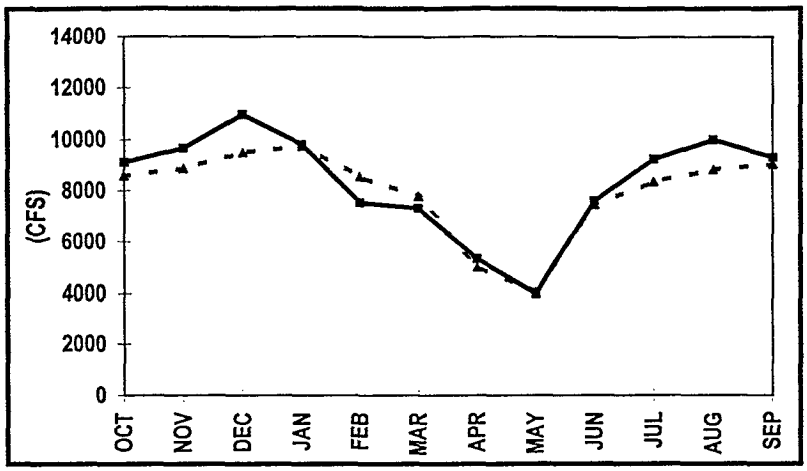
- SWP Deliveries and Unmet Demand
- CVP Deliveries and Unmet Demand
- Comparison of Computed Export Ratios (By Month)

Comparison of Total Delta Exports

Monthly Average

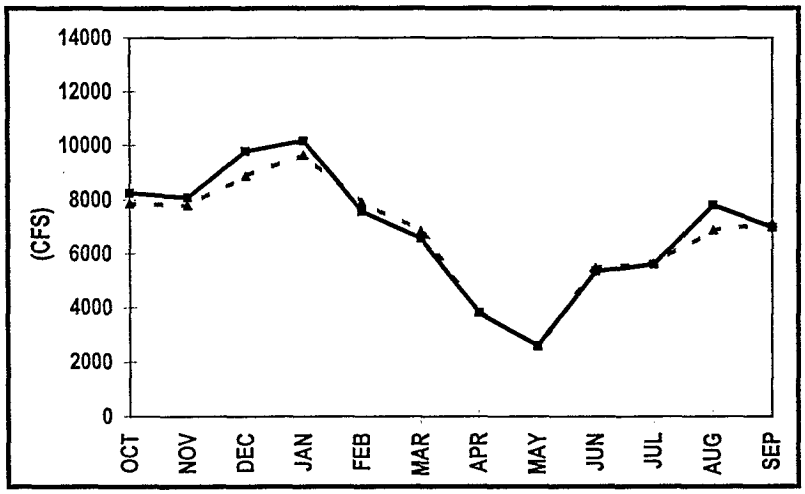
LONG TERM (73 YR AVG)



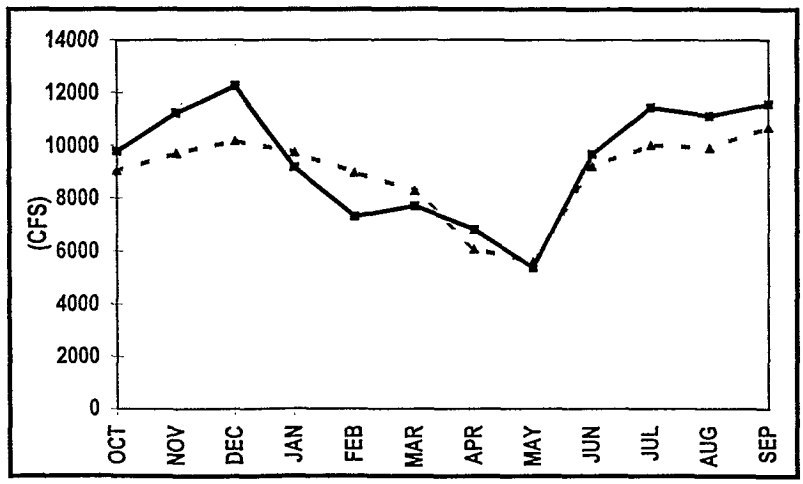
* Base Study
(1995 Level of Demand)

** With NO NAME Actions

DRY AND CRITICAL YEARS



ABOVE NORMAL AND WET YEARS

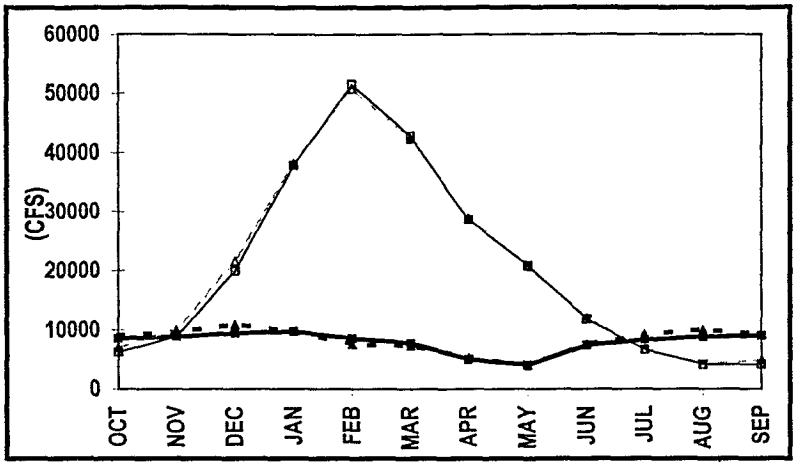


**Accord + Upstream AFRP Flows + AFRP Delta Actions (1995 Level of Demand)*

***Base + Full Joint Point + 400 cfs Intertie + Madera Ranch Groundwater Storage + ISDP*

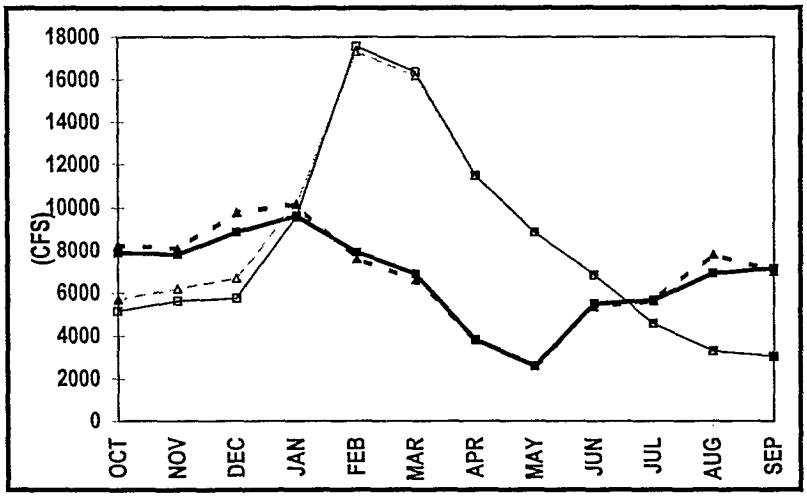
Effects of SWP and CVP On Delta Outflow

LONG TERM (73 YR AVG)

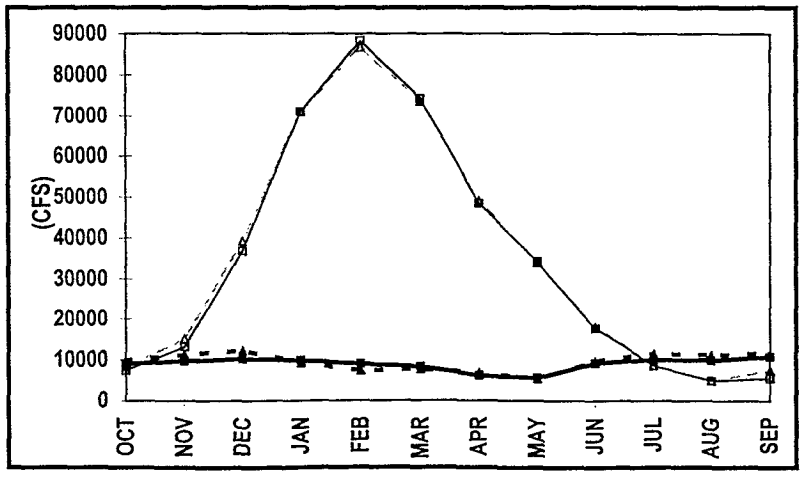


- Total Delta Exports (* Base Study)
- Total Delta Exports (with * * NO NAME Actions)
- Total Delta Outflow (* Base Study)
- Total Delta Outflow (with * * NO NAME Actions)

DRY AND CRITICAL YEARS



ABOVE NORMAL AND WET YEARS



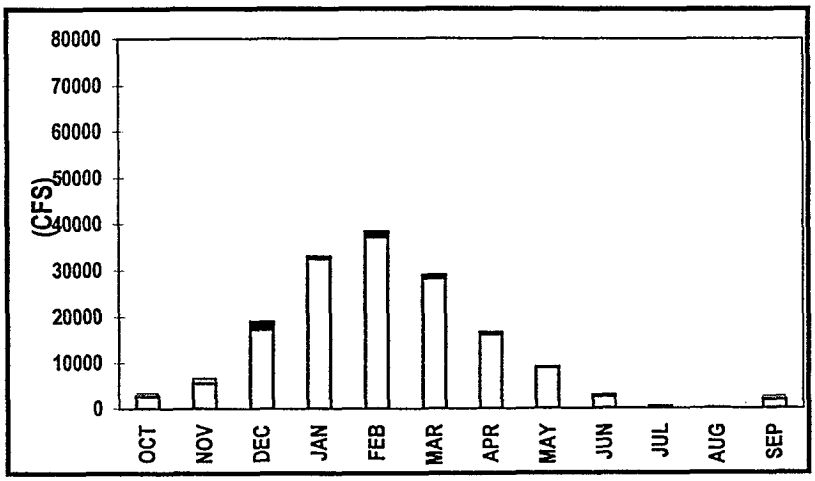
**Accord + Upstream AFRP Flows + AFRP Delta Actions (1995 Level of Demand)*

***Base + Full Joint Point + 400 cfs Intertie + Madera Ranch Groundwater Storage + ISDP*

Surplus Delta Flows

Monthly Average

LONG TERM (73 YR AVG)

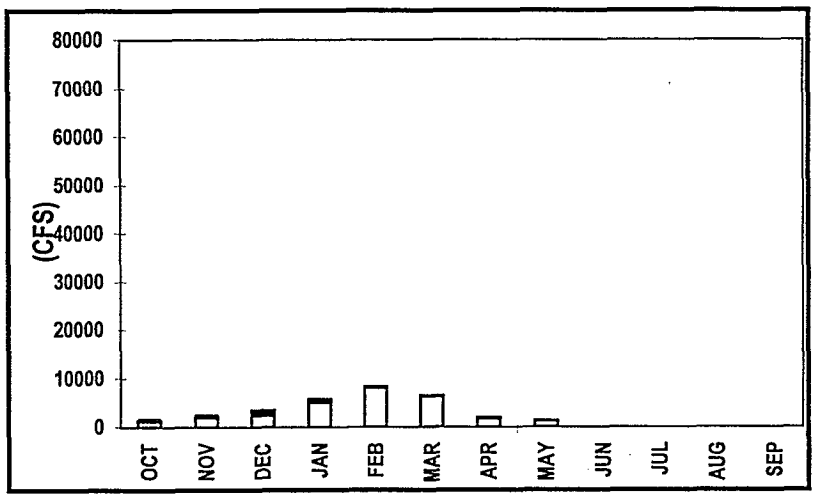


*Base Study (1995 Level of Demand)

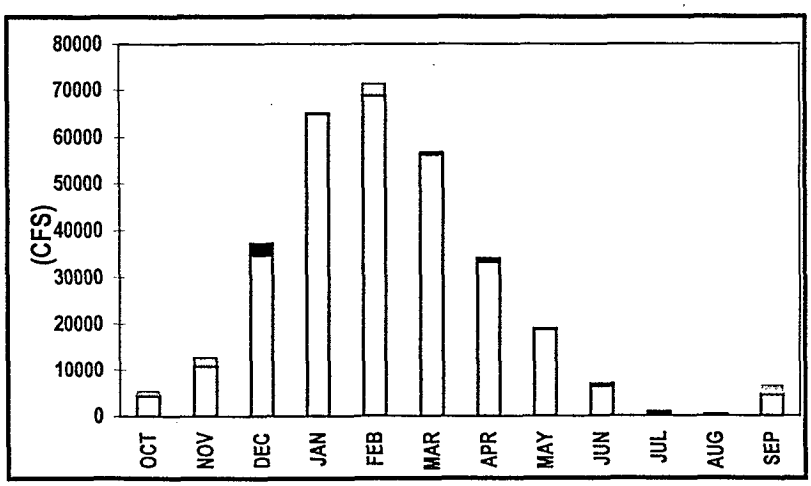
** Increase in Delta Surplus with NO NAME Actions

**Decrease in Delta Surplus with NO NAME Actions

DRY AND CRITICAL YEARS



ABOVE NORMAL AND WET YEARS



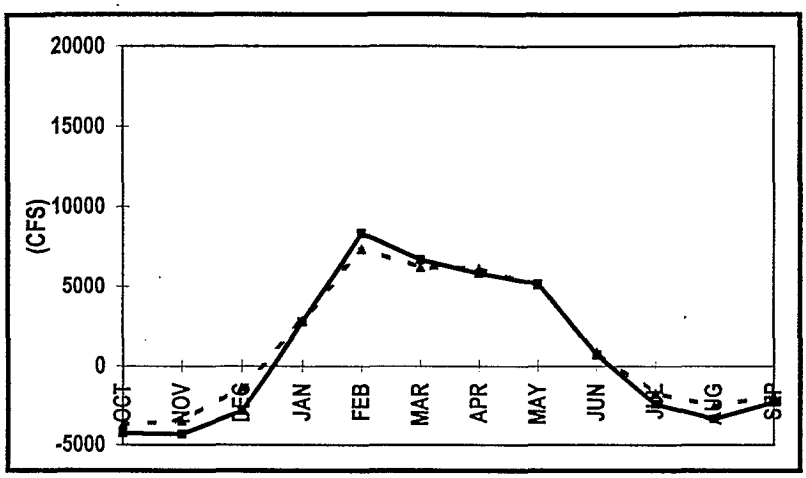
Accord + Upstream AFRP Flows + AFRP Delta Actions (1995 Level of Demand)

***Base + Full Joint Point + 400 cfs Intertie + Madera Ranch Groundwater Storage + ISDP*

Flow at Qwest

Monthly Average

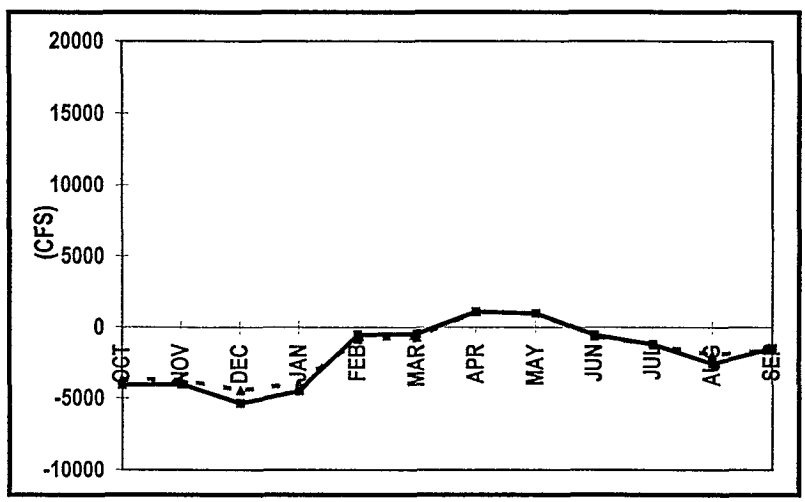
LONG TERM (73 YR AVG)



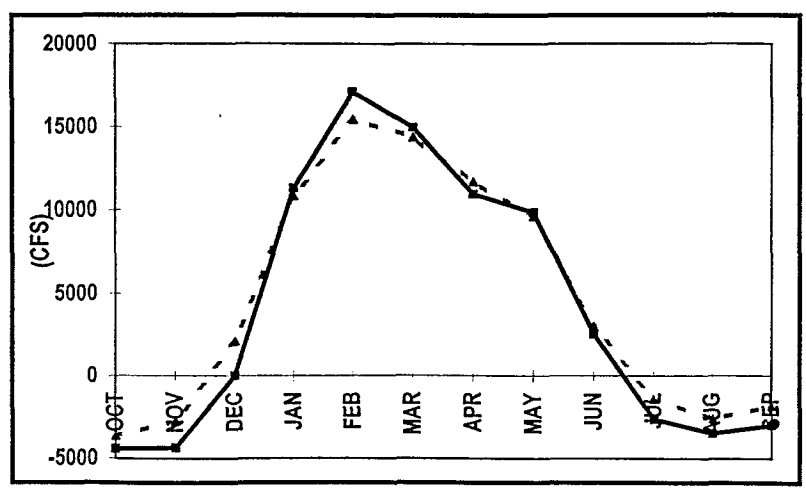
* Base Study
(1995 Level of Demand)

** With NO NAME Actions

DRY AND CRITICAL YEARS



ABOVE NORMAL AND WET YEARS

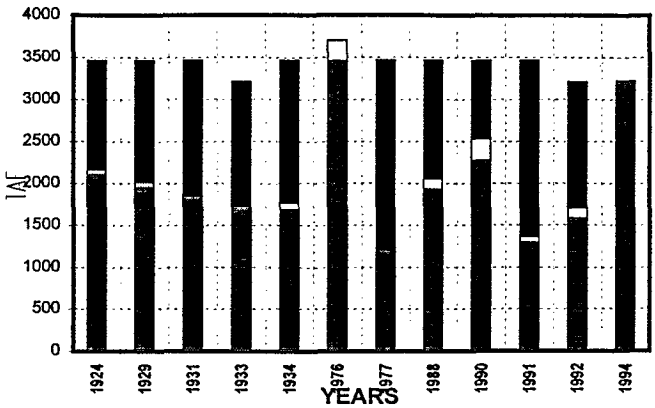


**Accord + Upstream AFRP Flows + AFRP Delta Actions (1995 Level of Demand)*

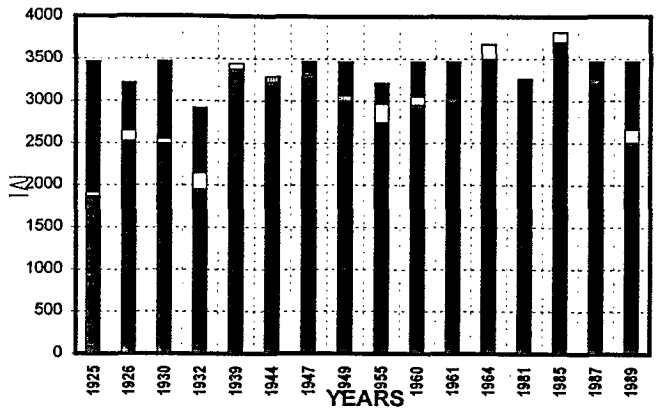
***Base + Full Joint Point + 400 cfs Intertie + Madera Ranch Groundwater Storage + ISDP*

SWP Deliveries and Unmet Demands

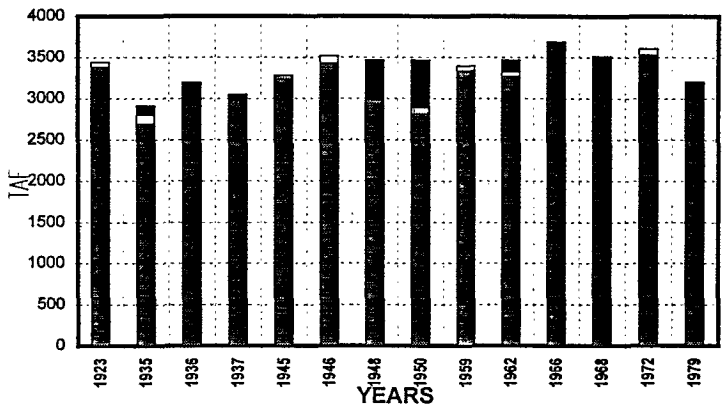
CRITICAL YEARS



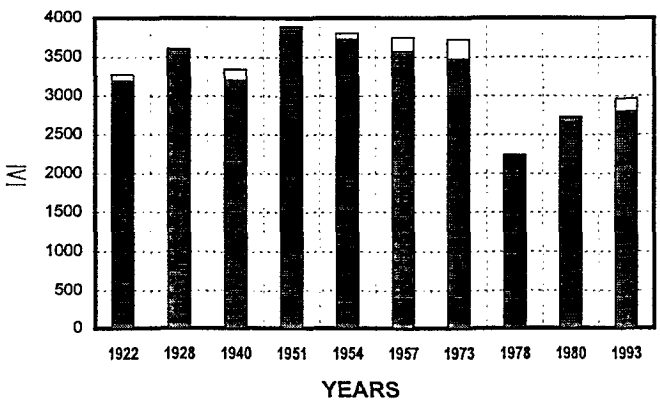
DRY YEARS



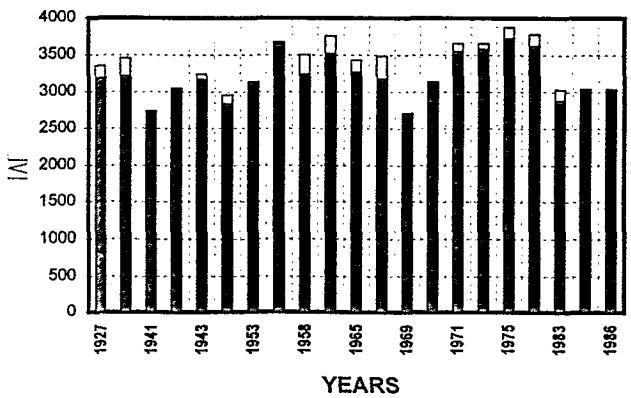
BELOW NORMAL YEARS



ABOVE NORMAL YEARS



WET YEARS



■ Deliveries

▥ Decreased Deliveries by **NO NAME

□ Increased Deliveries by **NO NAME

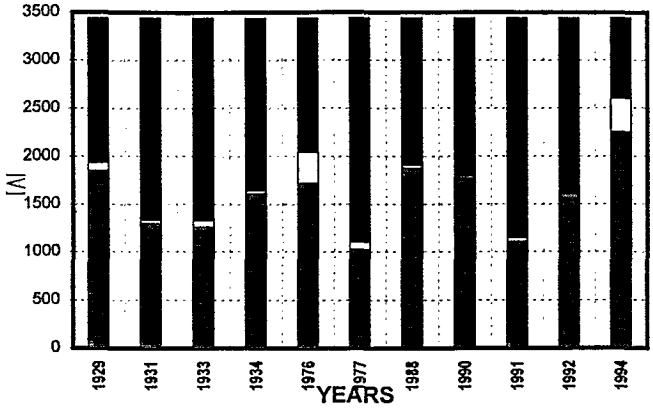
■ Unmet Demand

***Base + Full Joint Point + 400 cfs Intertie + Madera Ranch Groundwater Storage + ISDP*

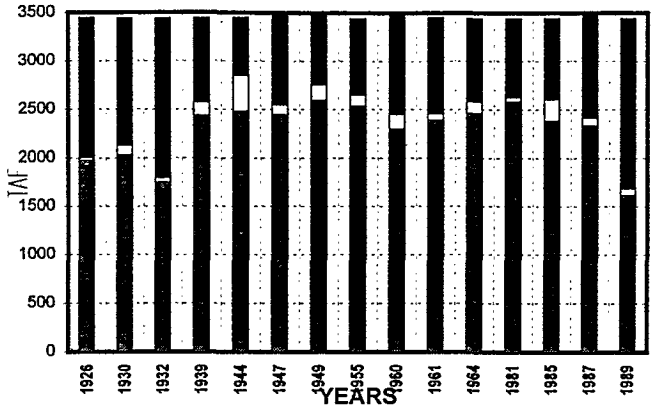
NOTE: Base Study includes Accord + Upstream AFRP Flows + AFRP Delta Actions (1995 Level of Demand)

CVP Deliveries and Unmet Demands

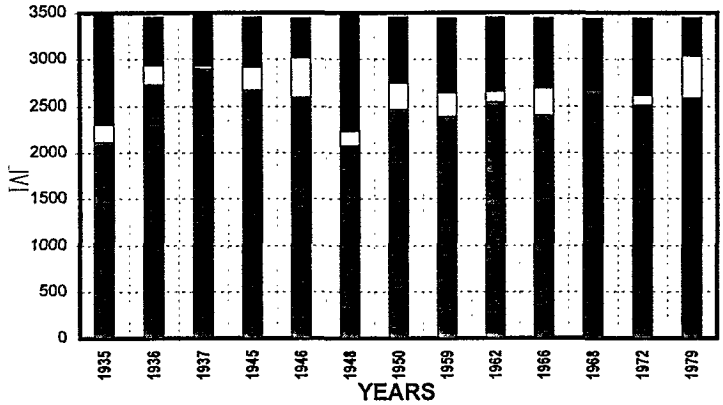
CRITICAL YEARS



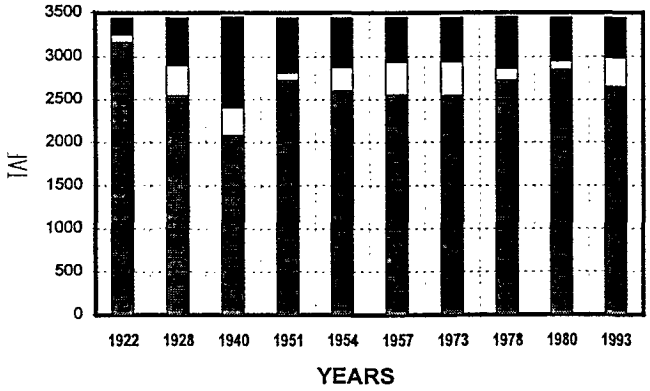
DRY YEARS



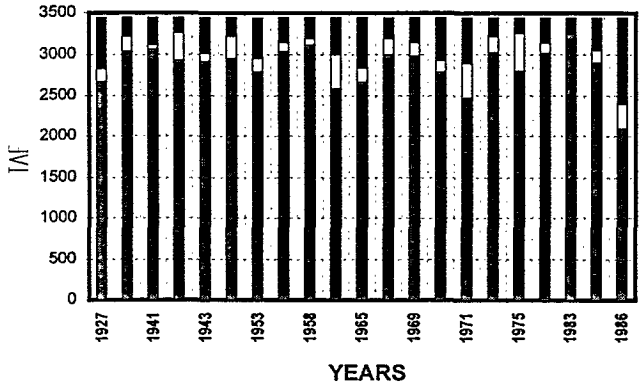
BELOW NORMAL YEARS



ABOVE NORMAL YEARS



WET YEARS



■ Deliveries

▨ Decreased Deliveries by **NO NAME

□ Increased Deliveries by **NO NAME

■ Unmet Demand

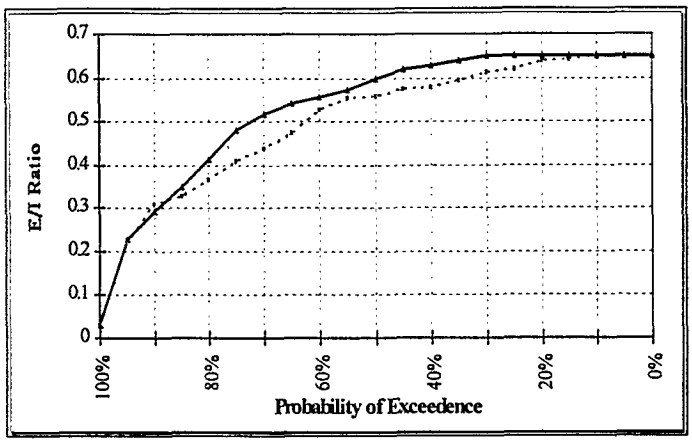
***Base + Full Joint Point + 400 cfs Intertie + Madera Ranch Groundwater Storage + ISDP*

NOTE: Base Study includes Accord + Upstream AFRP Flows + AFRP Delta Actions (1995 Level of Demand)

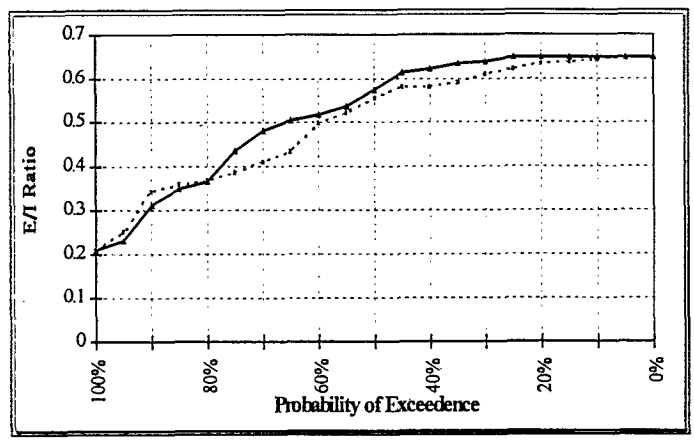
OCTOBER

Comparison of Computed Export Ratios

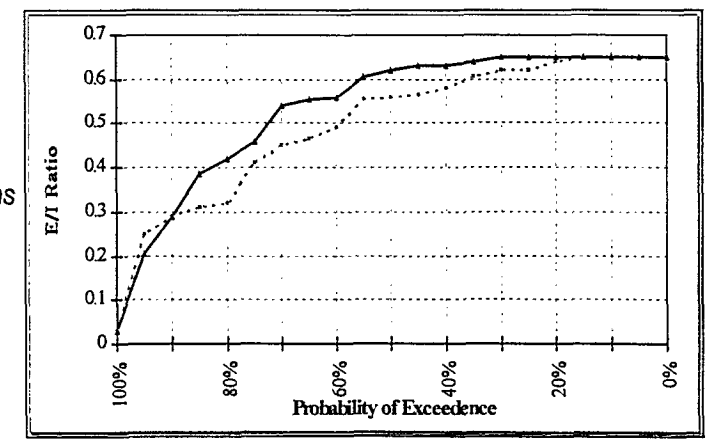
LONG TERM (73 YR AVG)



DRY AND CRITICAL YEARS



ABOVE NORMAL AND WET YEARS



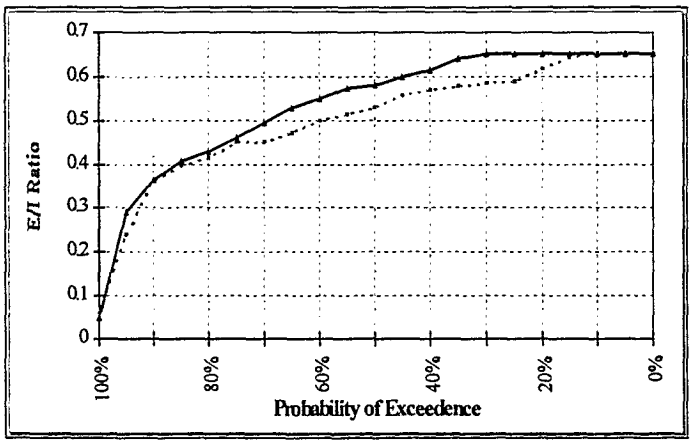
Accord + Upstream AFRP Flow + AFRP Delta Actions (1995 Level of Demand)

Base + Full Joint Point + 400 cfs Intertie + Madera Ranch Groundwater Storage + ISDP

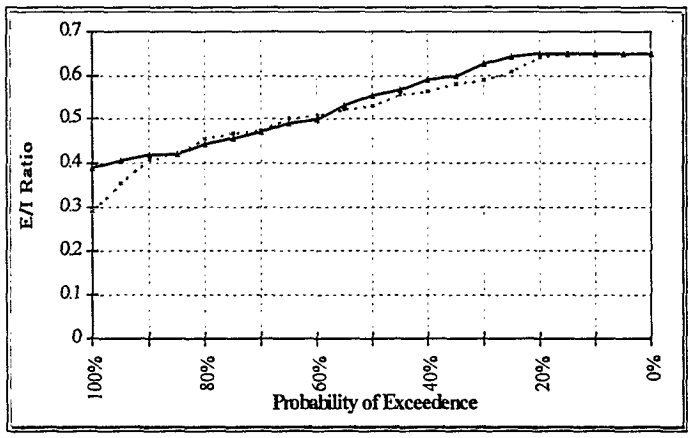
NOVEMBER

Comparison of Computed Export Ratios

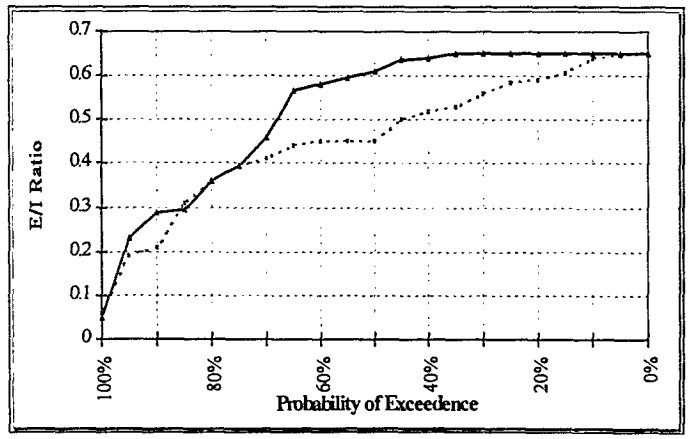
LONG TERM (73 YEAR AVERAGE)



DRY AND CRITICAL WATER YEARS



ABOVE NORMAL AND WET YEARS



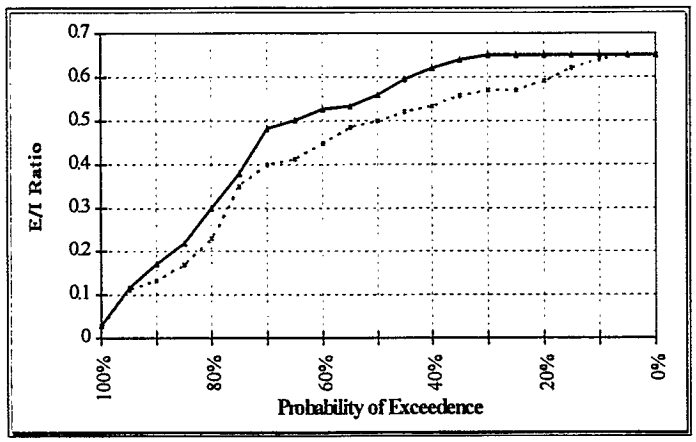
Accord + Upstream AFRP Flow + AFRP Delta Actions (1995 Level of Demand)

Base + Full Joint Point + 400 cfs Intertie + Madera Ranch Groundwater Storage + ISDP

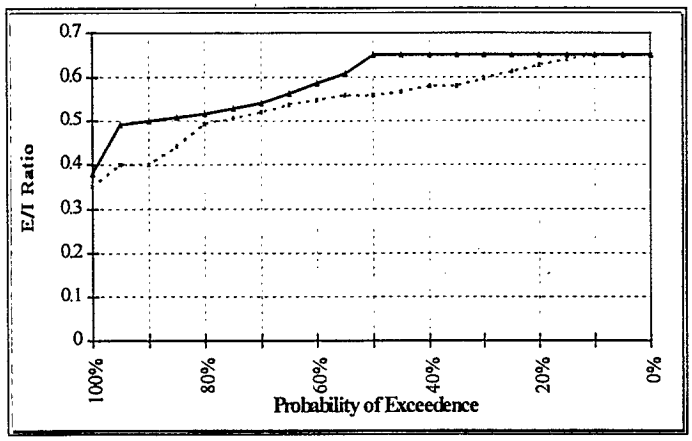
DECEMBER

Comparison of Computed Export Ratios

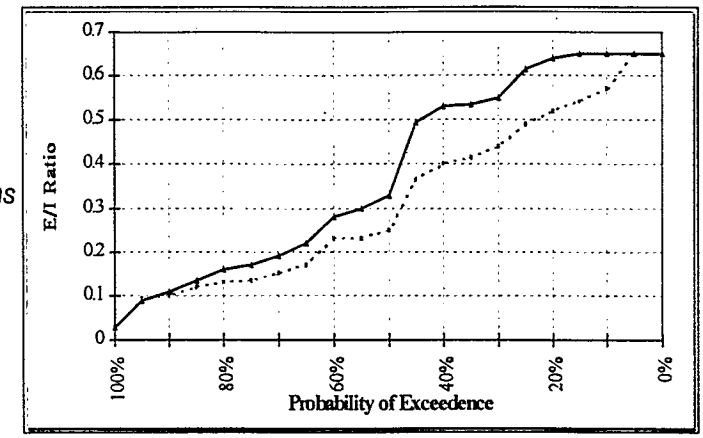
LONG TERM (73 YEAR AVERAGE)



DRY AND CRITICAL WATER YEARS



ABOVE NORMAL AND WET YEARS

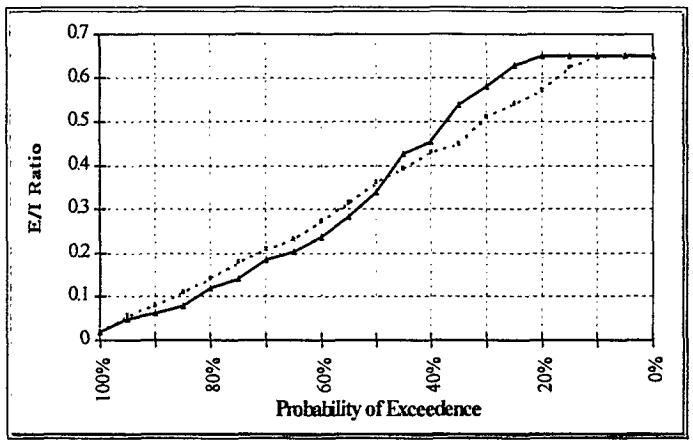


Accord + Upstream AFRP Flow + AFRP Delta Actions (1995 Level of Demand)

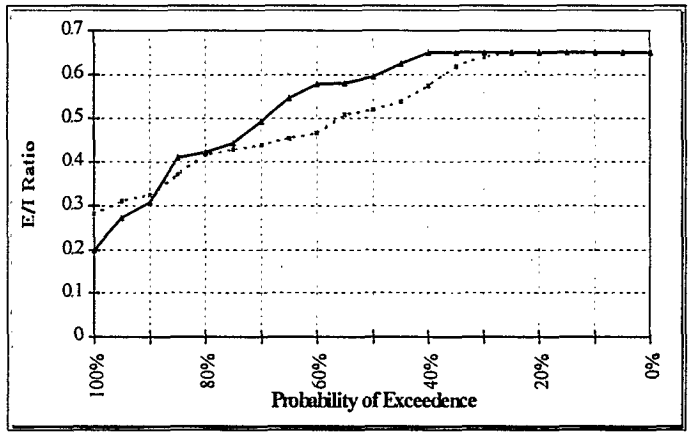
Base + Full Joint Point + 400 cfs Intertie + Madera Ranch Groundwater Storage + ISDP

JANUARY
Comparison of Computed Export Ratios

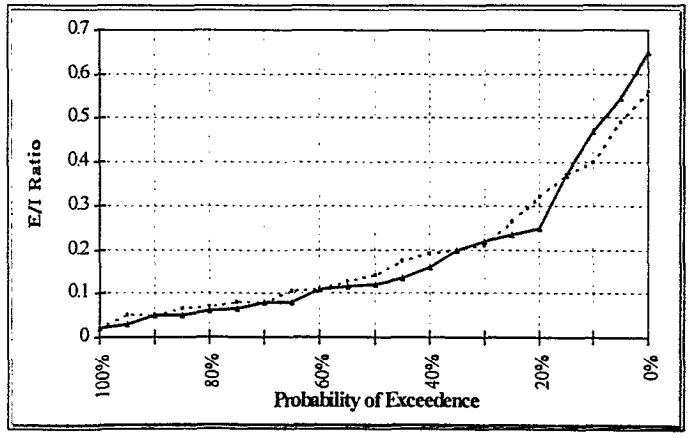
LONG TERM (73 YEAR AVERAGE)



DRY AND CRITICAL WATER YEARS



ABOVE NORMAL AND WET YEARS



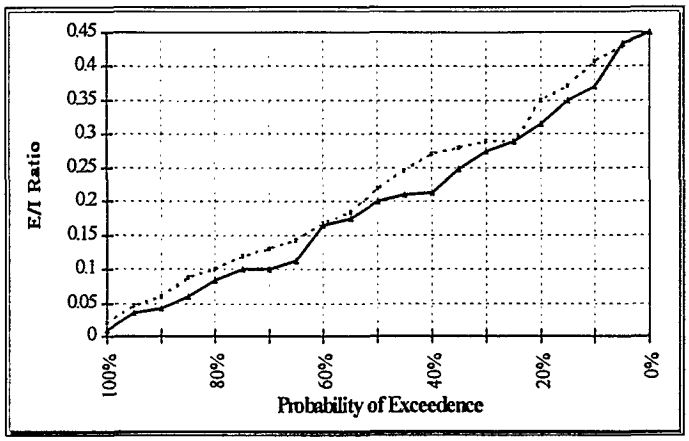
Accord + Upstream AFRP Flow + AFRP Delta Actions (1995 Level of Demand)

Base + Full Joint Point + 400 cfs Intertie + Madera Ranch Groundwater Storage + ISDP

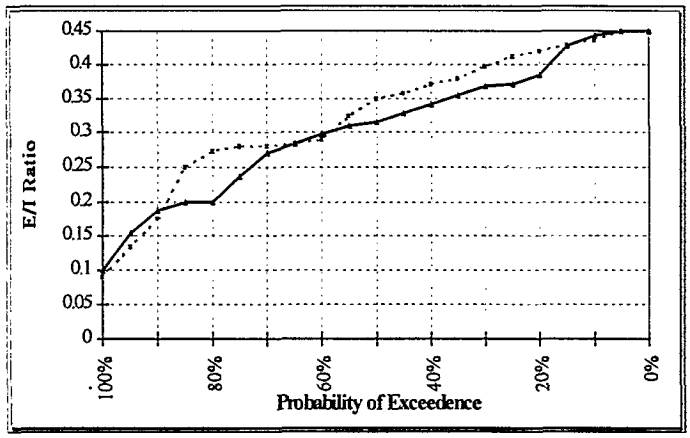
FEBRUARY

Comparison of Computed Export Ratios

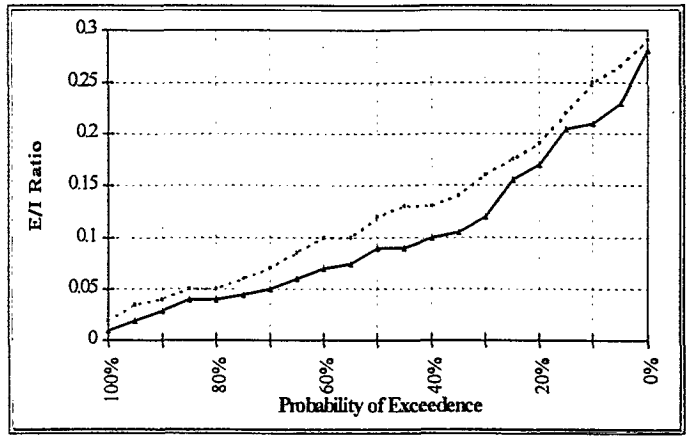
LONG TERM (73 YEAR AVERAGE)



DRY AND CRITICAL WATER YEARS



ABOVE NORMAL AND WET YEARS



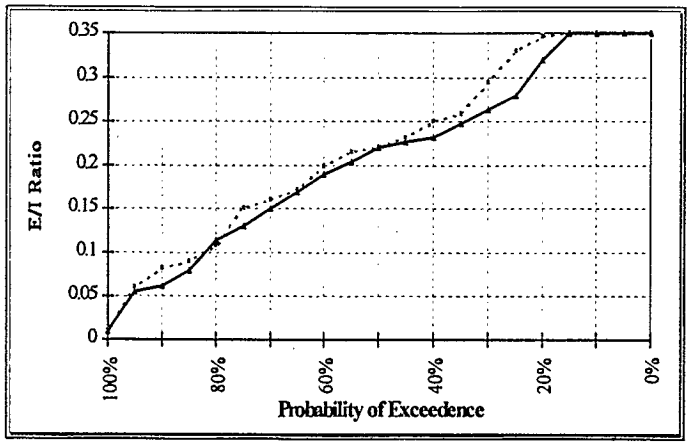
Accord + Upstream AFRP Flow + AFRP Delta Actions (1995 Level of Demand)

Base + Full Joint Point + 400 cfs Intertie + Madera Ranch Groundwater Storage + ISDP

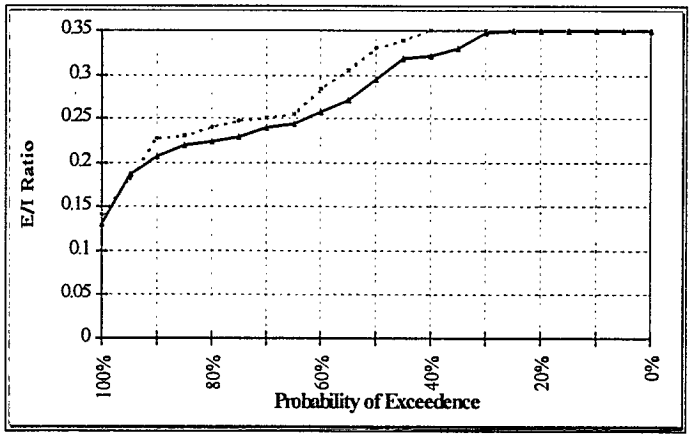
MARCH

Comparison of Computed Export Ratios

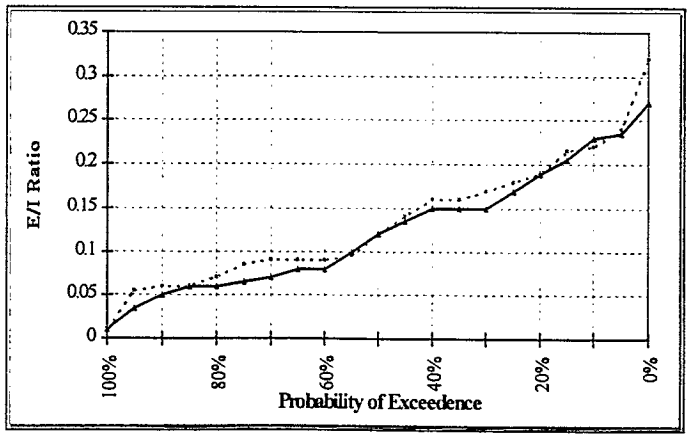
LONG TERM (73 YEAR AVERAGE)



DRY AND CRITICAL WATER YEARS



ABOVE NORMAL AND WET YEARS



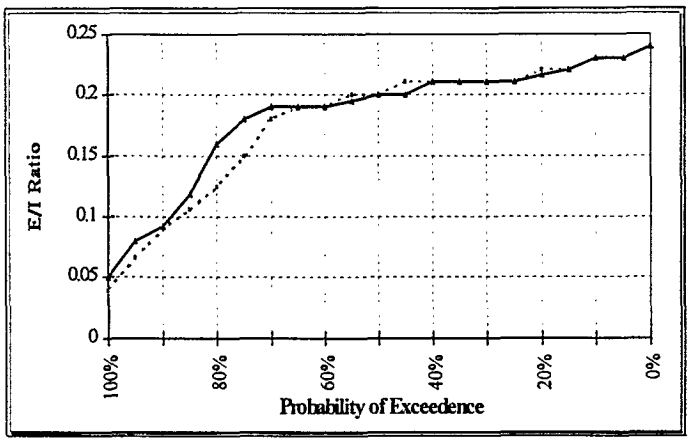
Accord + Upstream AFRP Flow + AFRP Delta Actions (1995 Level of Demand)

Base + Full Joint Point + 400 cfs Intertie + Madera Ranch Groundwater Storage + ISDP

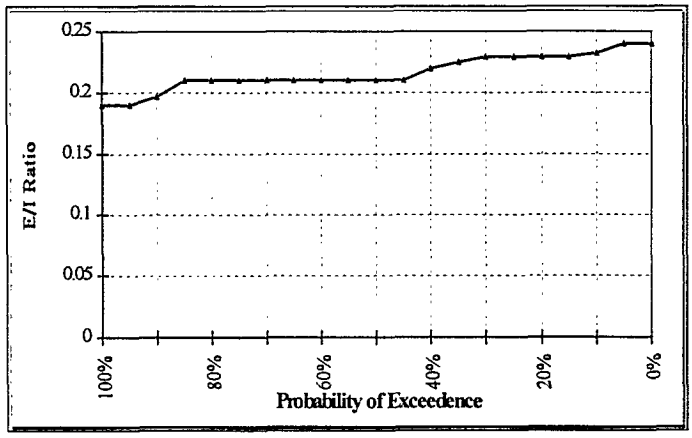
APRIL

Comparison of Computed Export Ratios

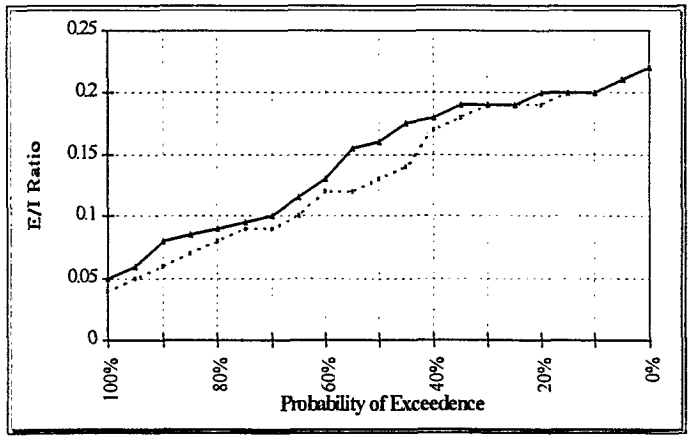
LONG TERM (73 YEAR AVERAGE)



DRY AND CRITICAL WATER YEARS



ABOVE NORMAL AND WET YEARS



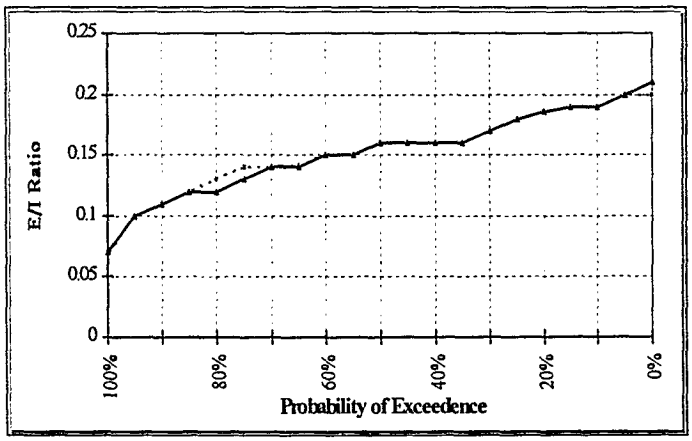
Accord + Upstream AFRP Flow + AFRP Delta Actions (1995 Level of Demand)

Base + Full Joint Point + 400 cfs Intertie + Madera Ranch Groundwater Storage + ISDP

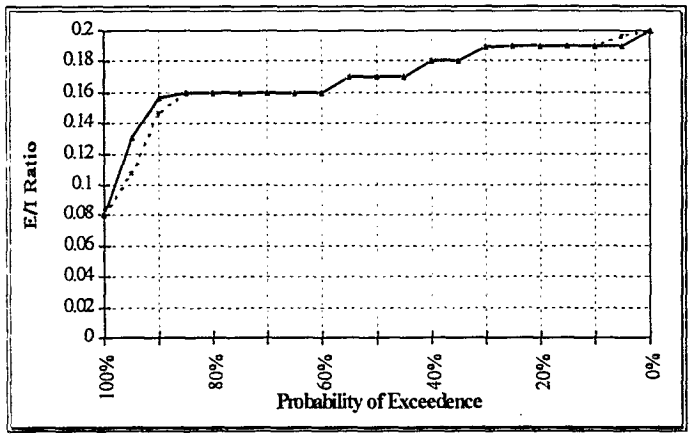
MAY

Comparison of Computed Export Ratios

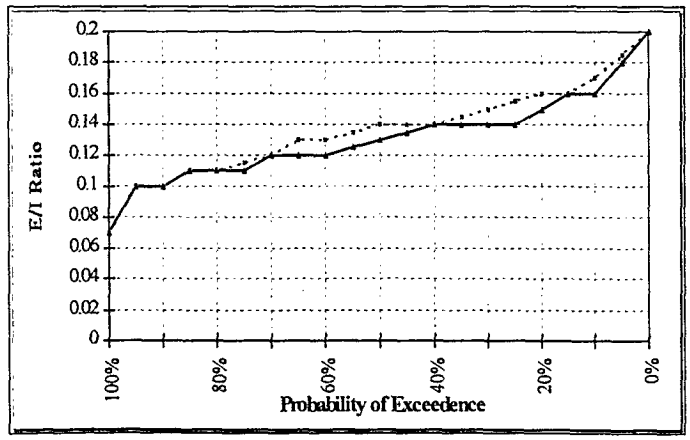
LONG TERM (73 YEAR AVERAGE)



DRY AND CRITICAL WATER YEARS



ABOVE NORMAL AND WET YEARS



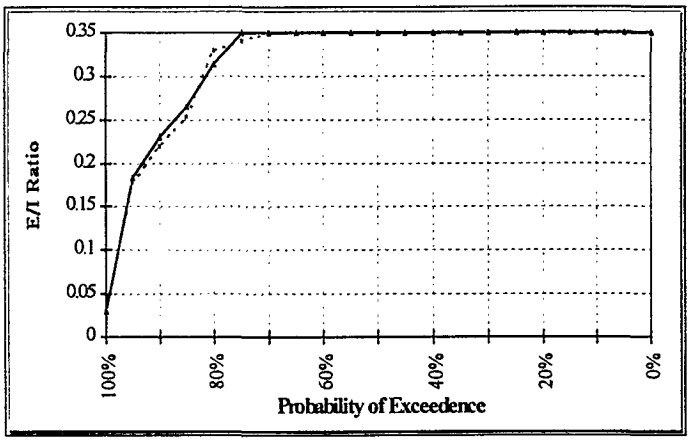
Accord + Upstream AFRP Flow + AFRP Delta Actions (1995 Level of Demand)

Base + Full Joint Point + 400 cfs Intertie + Madera Ranch Groundwater Storage + ISDP

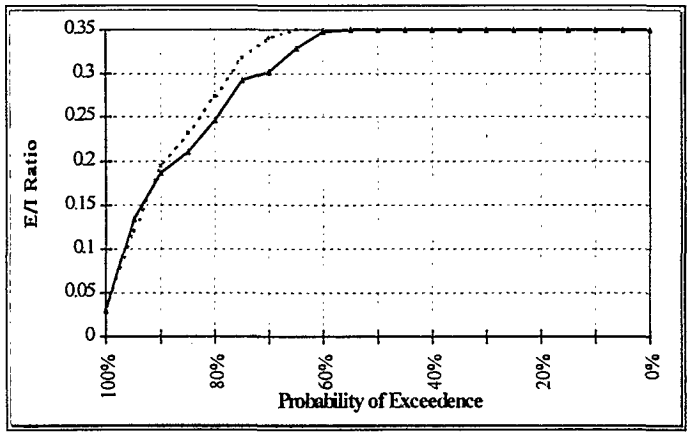
JUNE

Comparison of Computed Export Ratios

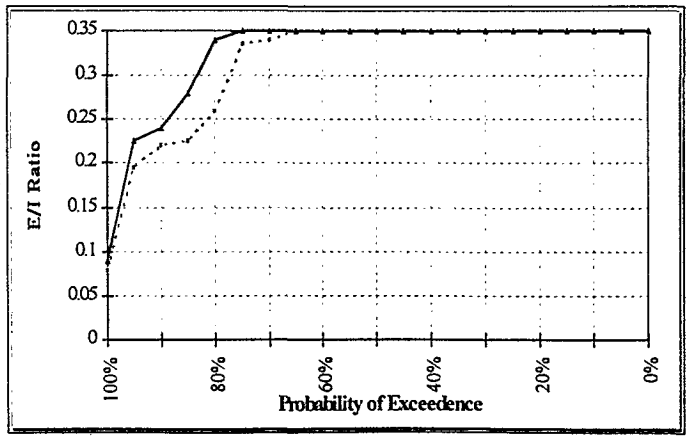
LONG TERM (73 YEAR AVERAGE)



DRY AND CRITICAL WATER YEARS



ABOVE NORMAL AND WET YEARS



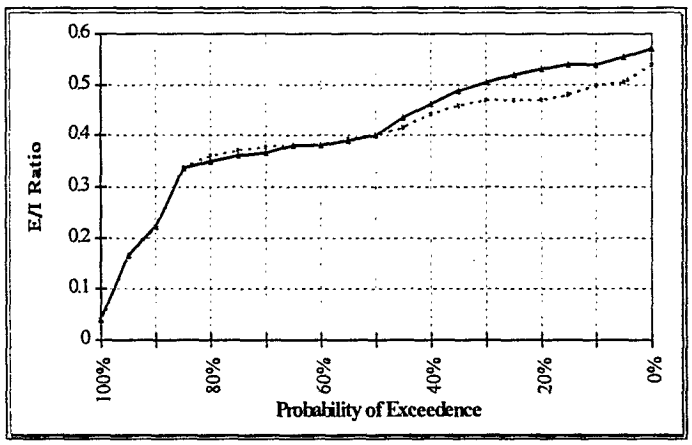
Accord + Upstream AFRP Flow + AFRP Delta Actions (1995 Level of Demand)

Base + Full Joint Point + 400 cfs Intertie + Madera Ranch Groundwater Storage + ISDP

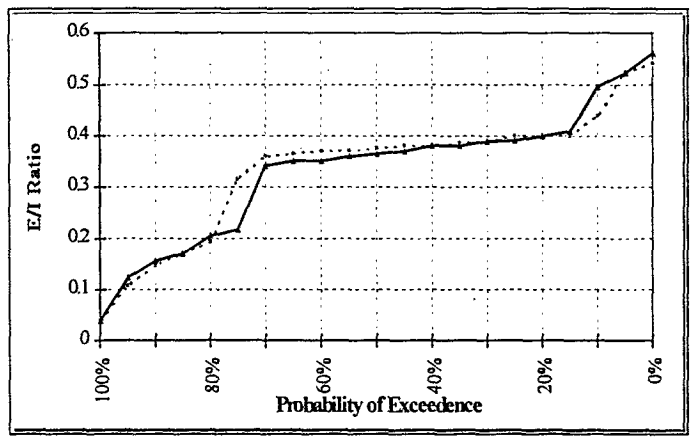
JULY

Comparison of Computed Export Ratios

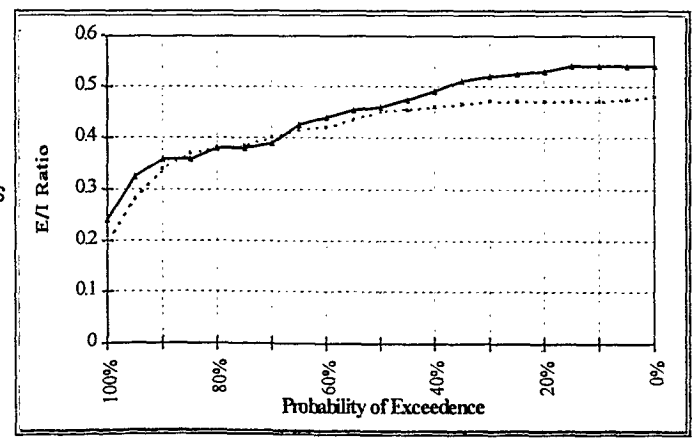
LONG TERM (73 YEAR AVERAGE)



DRY AND CRITICAL WATER YEARS



ABOVE NORMAL AND WET YEARS



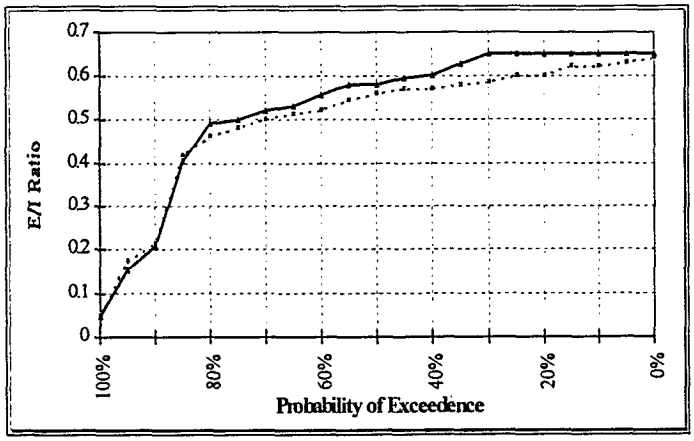
Accord + Upstream AFRP Flow + AFRP Delta Actions (1995 Level of Demand)

Base + Full Joint Point + 400 cfs Intertie + Madera Ranch Groundwater Storage + ISDP

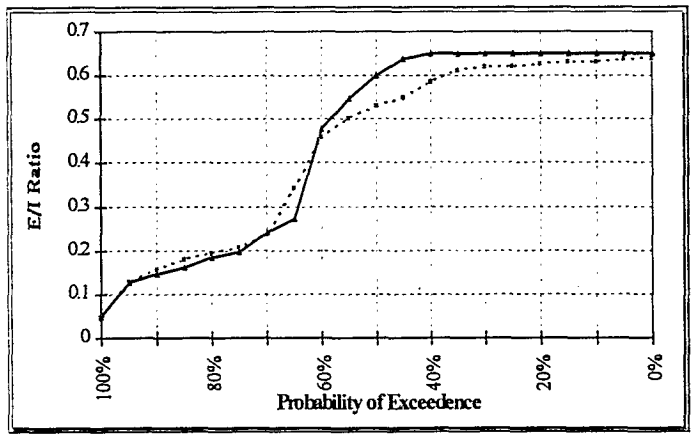
AUGUST

Comparison of Computed Export Ratios

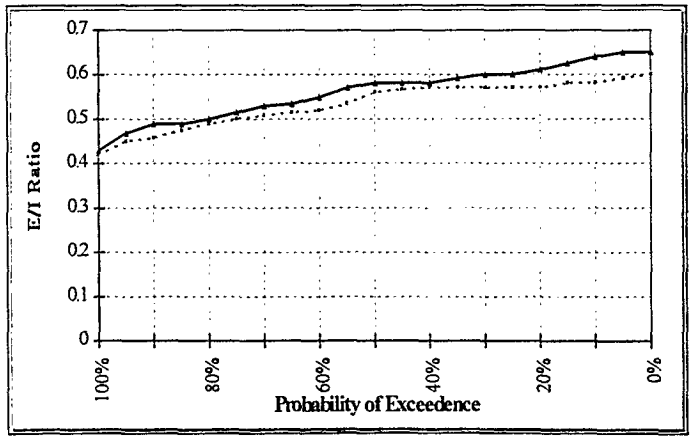
LONG TERM (73 YEAR AVERAGE)



DRY AND CRITICAL WATER YEARS



ABOVE NORMAL AND WET YEARS



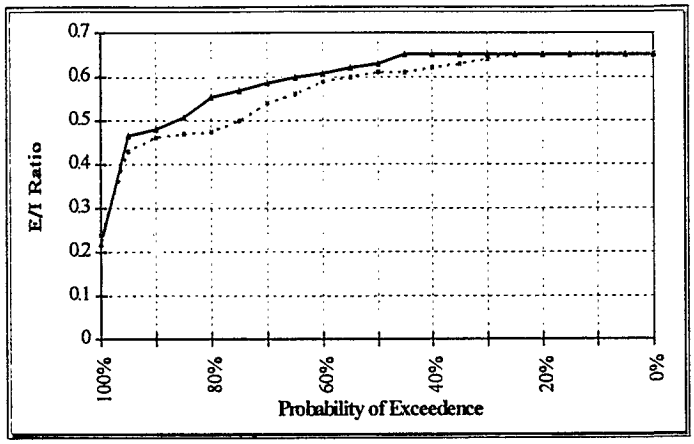
Accord + Upstream AFRP Flow + AFRP Delta Actions (1995 Level of Demand)

Base + Full Joint Point + 400 cfs Intertie + Madera Ranch Groundwater Storage + ISDP

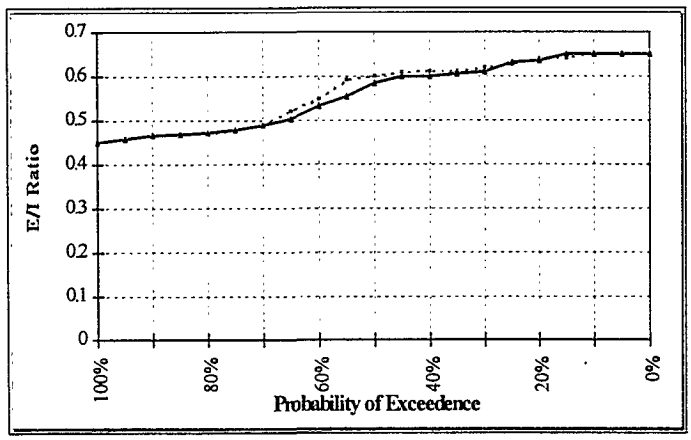
SEPTEMBER

Comparison of Computed Export Ratios

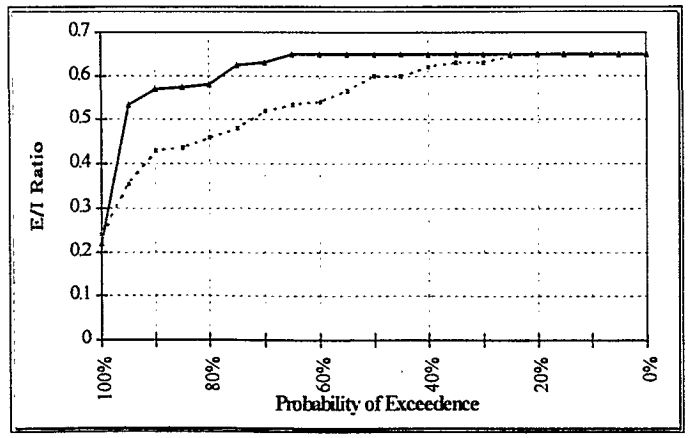
LONG TERM (73 YEAR AVERAGE)



DRY AND CRITICAL WATER YEARS



ABOVE NORMAL AND WET YEARS



Accord + Upstream AFRP Flow + AFRP Delta Actions (1995 Level of Demand)

Base + Full Joint Point + 400 cfs Intertie + Madera Ranch Groundwater Storage + ISDP