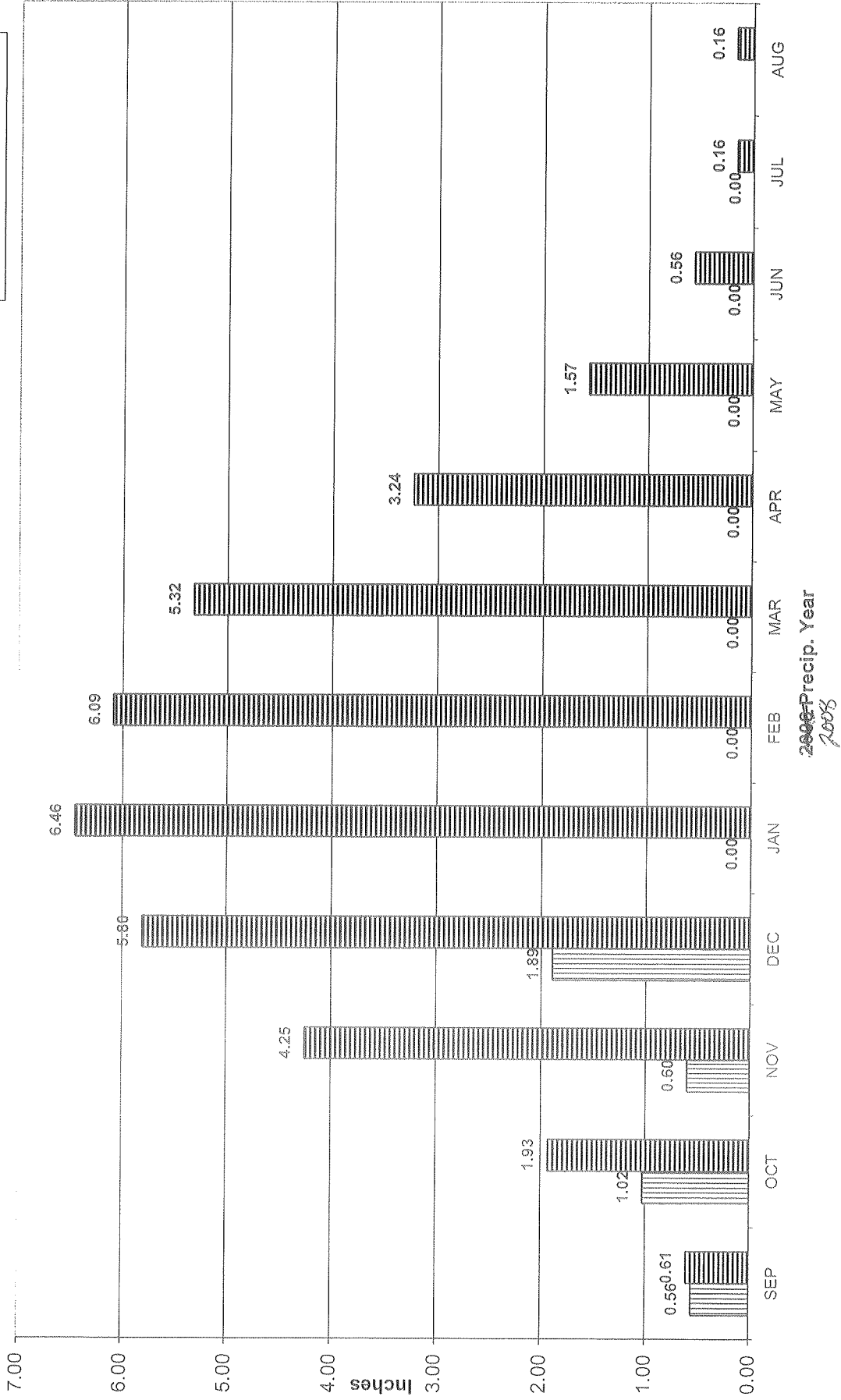


TURLOCK IRRIGATION DISTRICT

(inches)

Watershed Monthly Accumulation of Precipitation

2005 - 2006 AVERAGE



SAN JOAQUIN VALLEY WATER YEAR TYPE INDEX (60-20-20)

Forecast Date	Probability of Exceedence					
	99%	90%	75%	50%	25%	10%
Dec 1, 2007	0.7	1.1	1.5	2.1	2.9	3.8

Water Year Index based on flow in million acre feet

$$\begin{aligned} \text{Index} = & 0.6 * \text{Current Apr-Jul Runoff} \quad (1) \\ & + 0.2 * \text{Current Oct-Mar Runoff} \quad (1) \\ & + 0.2 * \text{Previous Year's Index} \quad (2) \end{aligned}$$

Notes:

- (1) Runoff is the sum of unimpaired flow in million acre-feet at:
 Stanislaus River below Goodwin Reservoir (aka inflow to New Melones Res.)
 Tuolumne River below La Grange (aka inflow to New Don Pedro Reservoir)
 Merced River below Merced Falls (aka inflow to Lake McClure)
 San Joaquin River inflow to Millerton Lake
- (2) Maximum 4.5 for previous year index term

Previous Water Year Indices:

2007 =	2.0	60% of average
1977 (Min) =	0.8	26% of average
1983 (Max) =	7.2	219% of average
1956-2005 average =	3.3	

Year Type Classification:	Index based on flow in million acre-feet:
Wet	Equal to or greater than 3.8
Above Normal	Greater than 3.1, and less than 3.8
Below Normal	Greater than 2.5, and equal to or less than 3.1
Dry	Greater than 2.1, and equal to or less than 2.5
Critical	Equal to or less than 2.1

This index, originally specified in the 1995 SWRCB Water Quality Control Plan, is used to determine the San Joaquin Valley water year type as implemented in SWRCB D-1641. Year types are set by first of month forecasts beginning in February. Final determination for San Joaquin River flow objectives is based on the May 1 75% exceedence forecast.

TUOLUMNE FERC SETTLEMENT AGREEMENT FLOW SCHEDULE

Schedule	Days	Critical & Below	Median Critical	Intermediate C-D	Median Dry	Intermediate D-BN	Median Below Normal	Intermediate BN-AN
Occurrence		5.4%	8.0%	5.1%	10.8%	9.1%	10.3%	15.5%
Oct 1 - 15	15	100 cfs 2,975 ac-ft	100 cfs 2,975 ac-ft	150 cfs 4,463 ac-ft	150 cfs 4,463 ac-ft	180 cfs 5,355 ac-ft	200 cfs 5,950 ac-ft	300 cfs 8,926 ac-ft
Attraction Pulse Flow		none	none	none	none	1,676 ac-ft	1,736 ac-ft	5,950 ac-ft
Oct 16 - May 31	228	150 cfs 67,835 ac-ft	150 cfs 67,835 ac-ft	150 cfs 67,835 ac-ft	150 cfs 67,835 ac-ft	180 cfs 81,402 ac-ft	175 cfs 79,140 ac-ft	300 cfs 135,669 ac-ft
Outmigration Pulse Flow		11,091 ac-ft	20,091 ac-ft	32,619 ac-ft	37,060 ac-ft	35,920 ac-ft	60,027 ac-ft	89,882 ac-ft
June 1 - Sept 30	122	50 cfs 12,099 ac-ft	50 cfs 12,099 ac-ft	50 cfs 12,099 ac-ft	75 cfs 18,149 ac-ft	75 cfs 18,149 ac-ft	75 cfs 18,149 ac-ft	250 cfs 60,496 ac-ft
Volume (ac-ft)	365	94,000	103,000	117,016	127,507	142,502	165,002	300,923

Basin Index Threshold
(calc. through WY2006)

1.476

2.002

2.187

2.441

2.720

3.183