

## **Direct Recharge Assumptions**

- Recharge capacity assumptions were based on acreage and assumed infiltration rates (o.2 ft/day), unless otherwise specified
- Assumed available annual storage volume for direct recharge groundwater banks estimated as the product of the reported recharge delivery area, average depth to groundwater during baseline year and average groundwater basin specific yield values, unless otherwise specified



#### **Direct Recharge Assumptions**

Water Management Area	Total Annual Storage Volume (TAF/yr)	Direct Recharge (cfs) when TWI< 41 <sup>(A)</sup>	Direct Recharge (cfs) when TWI > 41 <sup>(A)</sup>
WMA1	34	375	375
WMA2	14	130	130
WMA3	6	110	110
WMA4	10	95	95
WMA5N	22	125	100
WMA5S	14	75	0
WMA6	105	250	0
WMA7	239	1,150	0
Total	444	2,310	810



Assumptions

<sup>(A)</sup> Direct recharge when the Tule Wetness Index (TWI) is below 41 TAF, but is reduced to zero in non-Friant regions when TWI is above 41 TAF

## **In-Lieu Recharge Assumptions**

- Recharge capacity assumptions were based on data provided by FWUA member districts
- Highest in-lieu opportunity assumed to occur in July with a percentage of the opportunity in the remaining months of the year

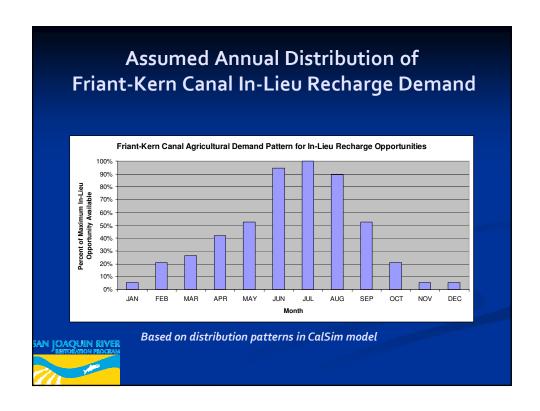


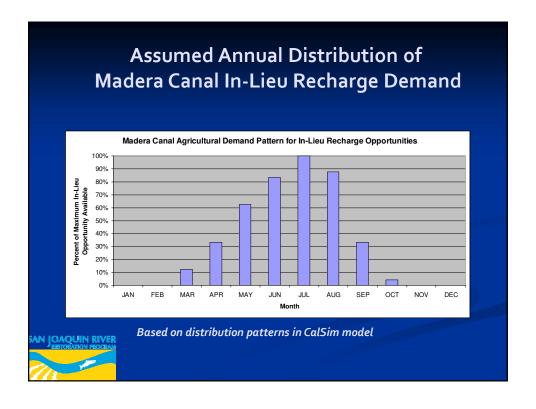
# **In-Lieu Recharge Assumptions**

Water Management Area	In-Lieu Recharge (cfs)
WMA1	25
WMA2	45
WMA3	10
WMA4	590
WMA5	50
WMA6	465
WMA7	1,000
Total	2,185

SAN JOAQUIN RIVER RESTORATION PEDGEAM

Based on information provided by Friant districts





#### **Permanent Crop Recharge Assumptions**

- Opportunities occur in months of December and January when:
  - Tule River Index is less than 41 TAF for Friant-Kern Canal demand
  - Chowchilla River Index is less that 30 TAF for Madera Canal demand

	Water Management Area	Permanent Crop Recharge Capacity (cfs)
	WMA1	1,122
	WMA2	1,274
	WMA3	941
	WMA4	418
LOS A COLUMN I PINARP	WMA5	745
JOAQUIN RIVER RESTORATION PROCESAM	WMA6	127
	WMA7	550
	Total	5.177



