

# Consumptive Irrigation Requirements of Selected Irrigated Areas in New Mexico



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*in cooperation with*  
*Water Resources Research Institute*



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Table 7--Selected irrigated areas in the San Juan River basin - Consumptive irrigation requirements of major crops, selected crop distribution and average annual CIR.

Irrigated areas and weather station	Crop	Period of use and CIR (inches)		Selected crop distribution by area in percent					
		Frost-free	Other	Total	(A)	(B)	(C)	(D)	
* (A) San Juan River basin	Alfalfa	25.98	1.66	27.64	29.0				
	Irrigated pasture	24.22	3.02	27.24	9.0				
Weather station: Average of Bloomfield and Shiprock	Spring sm. grains	--	--	13.50	18.0				
	Sorghums	--	--	17.24	2.0				
	Corn	--	--	19.74	31.0				
	Orchards	18.95	1.46	20.41	13.0				
					100.0				
					1.823				
CIR in acre-feet per acre-----									
(A) Bloomfield and vicinity	Alfalfa	25.77	1.25	27.02	29.0				
	Irrigated pasture	24.00	2.52	26.52	9.0				
Weather station: Bloomfield	Spring sm. grains	--	--	13.25	16.0				
	Sorghums	--	--	16.78	2.0				
	Corn	--	--	19.23	31.0				
	Orchards	18.69	1.02	19.71	13.0				
					100.0				
					1.767				
CIR in acre-feet per acre-----									
(A) Shiprock and vicinity	Alfalfa	26.18	2.07	28.25	29.0				
	Irrigated pasture	24.44	3.52	27.96	9.0				
Weather station: Shiprock	Spring sm. grains	--	--	13.75	16.0				
	Sorghums	--	--	17.71	2.0				
	Corn	--	--	20.24	31.0				
	Orchards	19.21	1.89	21.10	13.0				
					100.0				
					1.857				

\* Refers to area in column under selected crop distribution by area in percent.

1931-60 avg. weather data.