



LOCATION OF RETURN FLOW

Prepared By Ralph Adkins - Example of  
 1993 Return Flows based upon Allocations and 40% RF.

5-25-93

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## ARKANSAS VALLEY ALLOCATIONS

	Population 2020	Water A. F.		Population 2020	Water A. F.
<u>CROWLEY COUNTY</u>			<u>OTERO COUNTY</u>		
Crowley	250	37.4	Cheraw	200	31.3
Olney Springs	300	22.6	Fowler	1,750	118.3
Ordway	1,300	48.7	La Junta	12,000	2,923.2
Sugar City	400	0	Manzanola	600	13.9
Crowley County	580	257.5	Rocky Ford	6,500	0
96 Pipeline	180	41.8	Swink	600	14.8
Northwest Sugar City Pipeline	40	20.9	Beehive	260	32.2
Sugar City Pipeline	65	58.2	Bents Fort	1,400	93.1
	3,115	487.1 - 5%	Beehive	90	19.1
			Eureka	450	31.3
<u>PUEBLO COUNTY</u>			Fayette	100	19.1
Boone	600	34.8	Hilltop	450	33.1
Avondale	1,000	41.8	Holbrook Center	60	2.6
St. Charles Mesa	13,000	1,461.6	Newdale - Grand Valley	590	63.5
	14,600	1,538.2 - 16%	Patterson Valley	120	21.7
			Riverside	200	36.5
<u>PROWERS &amp; KIOWA COUNTIES</u>			Southside	60	46.9
Eads	1,000	0	South Swink	700	51.3
Lamar	13,000	2,409.9	Valley	270	43.5
Wiley	500	49.6	Vroman	170	28.7
May Valley	1,600	288.8	West Grand Valley	90	30.5
	16,100	2,748.3 - 29%	West Holbrook Pipeline	30	3.5
				26,690	3,658.1 - 38%
			<u>BENT COUNTY</u>		
			Fort Lyon	1,300	31.3
			Las Animas	4,500	1,096.9
			Hasty	100	0
			McClave	210	43.5
				6,110	1,171.7 - 12%

PROPOSED ARKANSAS VALLEY ALLOCATIONS

City, Town, Water User Association	Population		Estimated Existing Supply-2020	B&V Reco. Proj. Water	87% Based on 9,648 a. f.
	1970	2020			
Boone	448	600	60	40	34.8
Cheraw	129	200	37	36	31.3
Crowley	216	250	0	43	37.4
Eads	795	1,000	336	0	0
Fort Lyon	1,210	1,300	110	36	31.3
Fowler	1,241	1,750	60	136	118.3
La Junta	7,938	12,000	0	3,360	2,923.2
Lamar	7,797	13,000	1,200	2,770	2,409.9
Las Animas	3,148	4,500	0	1,260	1,096.9
Manzanola	451	600	135	16	13.9
Olney Springs	264	300	8	26	22.6
Ordway	1,017	1,300	90	56	48.7
Rocky Ford	4,859	6,500	1,820	0	
Sugar City	307	400	112	0	
Swink	381	600	50	17	14.8
Wiley	357	500	55	57	49.6
Avondale	800	1,000	120	48	41.8
Beehive	240	260	40	37	32.2
Bents Fort	1,220	1,400	50	107	93.1
Crowley County	500	580	70	296	257.5
East End	80	90	10	22	19.1
Eureka	350	450	40	36	31.3
Fayette	85	100	12	22	19.1
Hasty	85	100	17	0	
Hilltop	410	450	55	38	33.1
Holbrook Center	60	60	7	3	2.6
May Valley	1,420	1,600	160	332	288.8
McClave	150	210	8	50	43.5
Newdale-Grand Valley	530	590	60	73	63.5
96 Pipeline	140	180	0	47	41.8
N. W. Sugar City	40	40	0	24	20.9
Patterson Valley	80	120	12	25	21.7
Riverside	90	200	25	42	36.5
St. Charles Mesa	3,700	13,000	504	1,680	1,461.6
Southside	100	60	12	54	46.9
South Swink	650	700	75	59	51.3
Sugar City	120	65	0	67	58.2
Valley	270	270	23	50	43.5
Vroman	150	170	12	33	28.7
West Grand Valley	80	90	14	35	30.5
West Holbrook	30	30	2	4	3.5
<b>TOTAL</b>	<b>41,938</b>	<b>66,615</b>	<b>5,401</b>	<b>11,037</b>	<b>9,603.4</b>

(OVER)

ARKANSAS VALLEY ALLOCATIONS

	Population 2020	Water A. F.		Population 2020	Water A. F.
<u>CROWLEY COUNTY</u>			<u>OTERO COUNTY</u>		
Crowley	250	37.4	Cheraw	200	31.3
Olney Springs	300	22.6	Fowler	1,750	118.3
Ordway	1,300	48.7	La Junta	12,000	2,923.2
Sugar City	400	0	Manzanola	600	13.9
Crowley County	580	257.5	Rocky Ford	6,500	0
96 Pipeline	180	41.8	Swink	600	14.8
Northwest Sugar City Pipeline	40	20.9	Beehive	260	32.2
Sugar City Pipeline	65	58.2	Bents Fort	1,400	93.1
	3,115	487.1 - 5%	Beehive	90	19.1
			Eureka	450	31.3
			Fayette	100	19.1
			Hilltop	450	33.1
			Holbrook Center	60	2.6
			Newdale - Grand Valley	590	63.5
			Patterson Valley	120	21.7
			Riverside	200	36.5
			Southside	60	46.9
			South Swink	700	51.3
			Valley	270	43.5
			Vroman	170	28.7
			West Grand Valley	90	30.5
			West Holbrook Pipeline	30	3.5
				26,690	3,658.1 - 38%
<u>PUEBLO COUNTY</u>			<u>BENT COUNTY</u>		
Boone	600	34.8	Fort Lyon	1,300	31.3
Avondale	1,000	41.8	Las Animas	4,500	1,096.9
St. Charles Mesa	13,000	1,461.6	Hasty	100	0
	14,600	1,538.2 - 16%	McClave	210	43.5
				6,110	1,171.7 - 12%
<u>PROWERS &amp; KIOWA COUNTIES</u>					
Eads	1,000	0			
Lamar	13,000	2,409.9			
Wiley	500	49.6			
May Valley	1,600	288.8			
	16,100	2,748.3 - 29%			

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La Junta	7,938	12,000	0	3,360	2,923.2
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Las Animas	3,148	4,500	0	1,260	1,096.9
Manzanola	451	600	135	16	13.9
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Avondale	800	1,000	120	48	41.8
Beehive	240	260	40	37	32.2
Bents Fort	1,220	1,400	50	107	93.1
Crowley County	500	580	70	296	257.5
East End	80	90	10	22	19.1
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Fayette	85	100	12	22	19.1
Hasty	85	100	17	0	
Hilltop	410	450	55	38	33.1
Holbrook Center	60	60	7	3	2.6
May Valley	1,420	1,600	160	332	288.8
McClave	150	210	8	50	43.5
Newdale-Grand Valley	530	590	60	73	63.5
96 Pipeline	140	180	0	47	41.8
N. W. Sugar City	40	40	0	24	20.9
Patterson Valley	80	120	12	25	21.7
Riverside	90	200	25	42	36.5
St. Charles Mesa	3,700	13,000	504	1,680	1,461.6
Southside	100	60	12	54	46.9
South Swink	650	700	75	59	51.3
Sugar City	120	65	0	67	58.2
Valley	270	270	23	50	43.5
Vroman	150	170	12	33	28.7
West Grand Valley	80	90	14	35	30.5
West Holbrook	30	30	2	4	3.5
<b>TOTAL</b>	<b>41,938</b>	<b>66,615</b>	<b>5,401</b>	<b>11,037</b>	<b>9,603.4</b>

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