

	agostadero	ajojucar	Ab V8	Ar
1945	8.788	85.193	98.294	192.275
1946	26.533	64.003	92.735	183.271
1947	21.613	73.551	95.348	190.512
1948	33.574	100.249	150.370	284.193
1949	16.663	56.169	75.149	147.981
1950	26.136	66.582	97.891	190.609
1951	20.069	72.603	97.284	189.956
1952	24.335	58.067	90.369	172.771
1953	13.933	80.115	94.392	188.440
1954	10.342	74.555	84.301	169.198
1955	38.460	119.088	173.327	330.875
1956	17.189	71.841	92.708	181.738
1957	3.921	58.471	55.594	117.986
1958	80.247	182.256	297.894	560.397
1959	10.529	65.156	79.816	155.501
1960	7.112	49.735	69.721	126.568
1961	3.865	42.291	- 9.234	36.922
1962	16.763	63.499	21.696	101.958
1963	16.305	52.030	174.648	242.983
1964	20.074	41.245	- 5.975	55.344
1965	51.970	72.270	27.286	151.526
1966	8.926	83.151	29.113	121.190
1967	61.134	207.449	450.728	719.311
1968	9.755	70.830	104.924	185.509
1969	5.855	38.020	- 5.171	38.704
1970	46.970	102.994	109.291	259.255
1971	64.863	183.329	150.869	399.061
1972	1.903	40.142	105.057	147.102
1973	78.588	210.274	437.177	726.039
1974	22.760	25.694	50.973	99.427
1975	11.363	92.377	63.963	167.703
1976	39.343	245.049	252.051	536.443
1977	4.012	70.704	23.963	98.679
1978	11.957	99.423	110.667	222.047
1979	11.512	39.905	102.342	153.760
1980	7.037	45.778	101.923	154.738
1981	19.399	20.602	91.928	131.929
1982	7.837	38.729	6.090	52.656
1983	7.614	75.215	30.148	112.977
1984	7.387	57.979	69.617	134.983
1985	7.448	49.920	13.632	71.000
1986	6.927	101.669	237.247	345.843
1987	7.775	40.669	65.560	114.003
1988	7.331	84.336	90.421	182.087
1989	7.502	33.823	21.183	62.509
1990	7.452	61.572	87.970	156.994
1991	7.004	279.811	323.623	610.439
1992	6.803	122.827	158.276	287.906
1993	7.666	49.177	24.738	81.581
1994	7.450	44.228	17.945	69.623
1995	19.399	47.613	36.147	103.159
1996	19.399	34.070	16.105	69.574
1997	19.399	12.113	22.484	53.996
	19.400	80.348	101.030	200.778

## CAPTURAR BOLETIN

AÑO	EVAPORACION		SUMA	USO CONSUNTIVO		P.U.	SUMA	PECUARIO	TOTAL CON		RETORNOS		SUMA
	V8	V9		V8	V9				PECUARIO	agricola	p.u.		
1945	-	0.13	0.13	-	3.15	-	3.15	0.34	3.490	0.32	0.37	0.69	
1946	-	0.13	0.13	-	3.22	-	3.22	0.34	3.560	0.32	0.38	0.70	
1947	-	0.13	0.13	-	3.28	-	3.28	0.35	3.632	0.33	0.39	0.71	
1948	-	0.14	0.14	-	3.35	-	3.35	0.36	3.704	0.33	0.39	0.73	
1949	-	0.14	0.14	-	3.41	-	3.41	0.36	3.778	0.34	0.40	0.74	
1950	-	0.14	0.14	-	3.48	-	3.48	0.37	3.854	0.35	0.41	0.76	
1951	-	0.15	0.15	-	3.55	-	3.55	0.38	3.931	0.36	0.42	0.77	
1952	-	0.15	0.15	-	3.62	-	3.62	0.39	4.009	0.36	0.43	0.79	
1953	-	0.15	0.15	-	3.70	-	3.70	0.39	4.090	0.37	0.43	0.80	
1954	-	0.15	0.15	-	3.77	-	3.77	0.40	4.171	0.38	0.44	0.82	
1955	-	0.16	0.16	-	3.85	-	3.85	0.41	4.255	0.38	0.45	0.84	
1956	-	0.16	0.16	-	3.92	-	3.92	0.42	4.340	0.39	0.46	0.85	
1957	-	0.16	0.16	-	4.00	-	4.00	0.43	4.427	0.40	0.47	0.87	
1958	-	0.17	0.17	-	4.08	-	4.08	0.43	4.515	0.41	0.48	0.89	
1959	-	0.17	0.17	-	4.16	-	4.16	0.44	4.606	0.42	0.49	0.91	
1960	-	0.17	0.17	-	4.25	-	4.25	0.45	4.698	0.42	0.50	0.92	
1961	-	0.18	0.18	-	4.33	-	4.33	0.46	4.792	0.43	0.51	0.94	
1962	-	0.18	0.18	-	4.42	-	4.42	0.47	4.888	0.44	0.52	0.96	
1963	-	0.19	0.19	-	4.51	-	4.51	0.48	4.985	0.45	0.53	0.98	
1964	-	0.19	0.19	-	4.60	-	4.60	0.49	5.085	0.46	0.54	1.00	
1965	-	0.19	0.19	-	4.69	-	4.69	0.50	5.187	0.47	0.55	1.02	
1966	-	0.20	0.20	-	4.78	-	4.78	0.51	5.290	0.48	0.56	1.04	
1967	-	0.20	0.20	-	4.88	-	4.88	0.52	5.396	0.49	0.57	1.06	
1968	-	0.20	0.20	-	4.97	-	4.97	0.53	5.504	0.50	0.59	1.08	
1969	-	0.21	0.21	-	5.07	-	5.07	0.54	5.614	0.51	0.60	1.10	
1970	-	0.21	0.21	-	5.18	-	5.18	0.55	5.727	0.52	0.61	1.13	
1971	-	0.22	0.22	-	5.28	-	5.28	0.56	5.841	0.53	0.62	1.15	
1972	-	0.22	0.22	-	5.38	-	5.38	0.57	5.958	0.54	0.63	1.17	
1973	-	0.23	0.23	-	5.49	-	5.49	0.59	6.077	0.55	0.65	1.20	
1974	-	0.23	0.23	-	5.60	-	5.60	0.60	6.199	0.56	0.66	1.22	
1975	-	0.23	0.23	-	5.71	-	5.71	0.61	6.323	0.57	0.67	1.24	
1976	-	0.24	0.24	-	5.83	-	5.83	0.62	6.449	0.58	0.69	1.27	
1977	-	0.24	0.24	-	5.94	-	5.94	0.63	6.578	0.59	0.70	1.29	
1978	-	0.25	0.25	-	6.06	-	6.06	0.65	6.710	0.61	0.71	1.32	
1979	-	0.25	0.25	-	6.18	-	6.18	0.66	6.844	0.62	0.73	1.35	
1980	-	0.26	0.26	-	6.31	-	6.31	0.67	6.981	0.63	0.74	1.37	
1981	-	0.26	0.26	-	6.43	-	6.43	0.69	7.120	0.64	0.76	1.40	
1982	-	0.27	0.27	-	6.56	-	6.56	0.70	7.263	0.66	0.77	1.43	
1983	-	0.27	0.27	-	6.69	-	6.69	0.71	7.408	0.67	0.79	1.46	
1984	-	0.28	0.28	-	6.83	-	6.83	0.73	7.556	0.68	0.80	1.49	
1985	-	0.29	0.29	-	6.97	-	6.97	0.74	7.707	0.70	0.82	1.52	
1986	-	0.29	0.29	-	7.10	-	7.10	0.76	7.861	0.71	0.84	1.55	
1987	-	0.30	0.30	-	7.25	-	7.25	0.77	8.019	0.72	0.85	1.58	
1988	-	0.30	0.30	-	7.39	-	7.39	0.79	8.179	0.74	0.87	1.61	
1989	-	0.31	0.31	-	7.54	-	7.54	0.80	8.342	0.75	0.89	1.64	
1990	-	0.32	0.32	-	7.69	-	7.69	0.82	8.509	0.77	0.90	1.67	
1991	-	0.32	0.32	-	7.84	-	7.84	0.84	8.679	0.78	0.92	1.71	
1992	-	0.33	0.33	-	8.00	-	8.00	0.85	8.853	0.80	0.94	1.74	
1993	-	0.34	0.34	-	8.16	-	8.16	0.87	9.030	0.82	0.96	1.78	
1994	-	0.34	0.34	-	8.32	-	8.32	0.89	9.211	0.83	0.98	1.81	
1995	-	0.35	0.35	-	8.49	-	8.49	0.90	9.395	0.85	1.00	1.85	
1996	-	0.36	0.36	-	8.66	-	8.66	0.92	9.583	0.87	1.02	1.88	
1997	-	0.36	0.36	-	8.83	-	8.83	0.94	9.775	0.88	1.04	1.92	
1998	-	0.37	0.37	-	9.01	-	9.01	0.96			1.06		

**CALCULO DEL ESCURRIMIENTO VIRGEN EN LAS SUBCUENCAS  
V9 PASO DEL SABINO (Mm<sup>3</sup>)**

ANO	Ab	Ex	Ev	Uc	Ar	Im	R	DELTA V	Cp
1945	144.396		0.130	3.490	192.275		0.687		(44.945)
1946	136.419		0.132	3.560	183.271		0.700		(43.860)
1947	140.645		0.135	3.632	190.512		0.714		(46.815)
1948	223.098		0.137	3.704	284.193		0.729		(57.981)
1949	111.167		0.140	3.778	147.981		0.743		(33.638)
1950	145.457		0.143	3.854	190.609		0.758		(41.914)
1951	144.904		0.146	3.931	189.956		0.773		(41.749)
1952	134.942		0.149	4.009	172.771		0.789		(34.460)
1953	141.313		0.152	4.090	188.440		0.804		(43.690)
1954	126.625		0.155	4.171	169.198		0.820		(39.066)
1955	259.882		0.158	4.255	330.875		0.837		(67.417)
1956	139.945		0.161	4.340	181.738		0.854		(38.146)
1957	84.948		0.164	4.427	117.986		0.871		(29.318)
1958	446.994		0.168	4.515	560.397		0.888		(109.608)
1959	121.918		0.171	4.606	155.501		0.906		(29.712)
1960	107.272		0.174	4.698	126.568		0.924		(15.348)
1961	62.454		0.178	4.792	36.922		0.942		29.559
1962	115.380		0.181	4.888	101.958		0.961		17.530
1963	115.200		0.185	4.985	242.983		0.981		(123.593)
1964	91.761		0.189	5.085	55.344		1.000		40.690
1965	188.407		0.192	5.187	151.526		1.020		41.240
1966	179.213		0.196	5.290	121.190		1.041		62.470
1967	521.148		0.200	5.396	719.311		1.061		(193.628)
1968	133.528		0.204	5.504	185.509		1.083		(47.355)
1969	57.397		0.208	5.614	38.704		1.104		23.411
1970	210.490		0.213	5.727	259.255		1.126		(43.953)
1971	392.054		0.217	5.841	399.061		1.149		(2.098)
1972	67.332		0.221	5.958	147.102		1.172		(74.763)
1973	567.498		0.226	6.077	726.039		1.195		(153.434)
1974	67.371		0.230	6.199	99.427		1.219		(26.847)
1975	192.049		0.235	6.323	167.703		1.244		29.659
1976	470.418		0.239	6.449	536.443		1.268		(60.605)
1977	123.295		0.244	6.578	98.679		1.294		30.144
1978	147.636		0.249	6.710	222.047		1.320		(68.772)
1979	49.557		0.254	6.844	153.760		1.346		(98.451)
1980	68.215		0.259	6.981	154.738		1.373		(80.656)
1981	51.947		0.264	7.120	131.929		1.400		(73.998)
1982	54.359		0.270	7.263	52.656		1.428		7.807
1983	127.126		0.275	7.408	112.977		1.457		20.374
1984	124.291		0.280	7.556	134.983		1.486		(4.341)
1985	77.109		0.286	7.707	71.000		1.516		12.586
1986	167.521		0.292	7.861	345.843		1.546		(171.715)
1987	53.409		0.298	8.019	114.003		1.577		(53.855)
1988	154.089		0.304	8.179	182.087		1.609		(21.125)
1989	51.498		0.310	8.342	62.509		1.641		(4.000)
1990	151.943		0.316	8.509	156.994		1.674		2.101
1991	504.443		0.322	8.679	610.439		1.707		(98.701)
1992	258.449		0.329	8.853	287.906		1.741		(22.017)
1993	59.949		0.335	9.030	81.581		1.776		(14.043)
1994	50.636		0.342	9.211	69.623		1.812		(11.246)
1995	78.646		0.349	9.395	103.159		1.848		(16.618)
1996	49.592		0.356	9.583	69.574		1.885		(11.929)
1997	59.989		0.363	9.775	53.996		1.923		14.208
<b>PROMEDIO</b>	<b>160.478</b>		<b>0.227</b>	<b>6.113</b>	<b>200.778</b>		<b>1.202</b>		<b>(35.163)</b>

Los valores de la estación Paso del Sabino, de 1945 a 1963, se restituyeron como la suma de las estaciones:

Ajojucar  
Agostadero  
Canal Ajojucar  
Calera

Dado que la correlación resulto del 98% y el método lo permite

PASO DEL SABINO

AJOJUCAR MAS  
AGOSTADERO  
Ab de V8