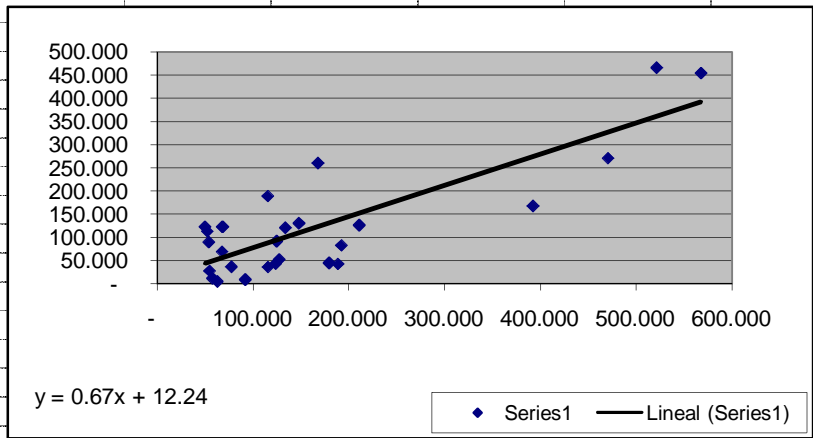


AÑO	SMITH	PASO DEL S				
1945	108.990	144.396				
1946	103.646	136.419				
1947	106.477	140.645		83%	Coeficiente de correlación	
1948	161.721	223.098		0.670	12.245	
1949	86.727	111.167				
1950	109.701	145.457				
1951	109.330	144.904				
1952	102.656	134.942				
1953	106.925	141.313				
1954	97.084	126.625				
1955	186.366	259.882				
1956	106.008	139.945				
1957	69.160	84.948				
1958	311.731	446.994				
1959	93.930	121.918				
1960	84.117	107.272				
1961	5.450	62.454				
1962	36.674	115.380				
1963	189.925	115.200				
1964	9.608	91.761				
1965	43.181	188.407				
1966	45.325	179.213				
1967	467.265	521.148				
1968	121.791	133.528				
1969	12.034	57.397				
1970	126.840	210.490				
1971	168.769	392.054				
1972	123.315	67.332				
1973	455.800	567.498				
1974	69.969	67.371				
1975	83.339	192.049				
1976	271.813	470.418				
1977	44.121	123.295				
1978	131.228	147.636				
1979	123.315	49.557				
1980	123.315	68.215				
1981	113.747	51.947				
1982	28.346	54.359				
1983	52.849	127.126				
1984	92.772	124.291				
1985	37.251	77.109				
1986	261.338	167.521				
1987	90.132	53.409				
1988	115.485	154.089				
1989	46.749	51.498				
1990	114.047	151.943				
1991	350.222	504.443				
1992	185.406	258.449				
1993	52.411	59.949				
1994	46.171	50.636				
1995	64.938	78.646				
1996	45.472	49.592				
1997	52.438	59.989				
	119.763	160.478				



CAPTURAR BOLETIN

AÑO	EVAPORACION			USO CONSUNTIVO			P.U.	SUMA	PECUARIO	TOTAL CON		RETORNOS		SUMA
	V8	V9	SUMA	V8	V9					PECUARIO	agricola	p.u.		
				URDR	DR									
1945	0.70	-	0.70	11.54	-	-	-	11.54	1.01	12.555	1.15	1.41	2.56	
1946	0.72	-	0.72	11.77	-	-	-	11.77	1.03	12.806	1.18	1.44	2.61	
1947	0.73	-	0.73	12.01	-	-	-	12.01	1.05	13.062	1.20	1.46	2.67	
1948	0.75	-	0.75	12.25	-	-	-	12.25	1.07	13.323	1.22	1.49	2.72	
1949	0.76	-	0.76	12.49	-	-	-	12.49	1.10	13.589	1.25	1.52	2.77	
1950	0.78	-	0.78	12.74	-	-	-	12.74	1.12	13.861	1.27	1.55	2.83	
1951	0.79	-	0.79	13.00	-	-	-	13.00	1.14	14.138	1.30	1.58	2.88	
1952	0.81	-	0.81	13.26	-	-	-	13.26	1.16	14.421	1.33	1.62	2.94	
1953	0.82	-	0.82	13.52	-	-	-	13.52	1.19	14.710	1.35	1.65	3.00	
1954	0.84	-	0.84	13.79	-	-	-	13.79	1.21	15.004	1.38	1.68	3.06	
1955	0.86	-	0.86	14.07	-	-	-	14.07	1.23	15.304	1.41	1.72	3.12	
1956	0.87	-	0.87	14.35	-	-	-	14.35	1.26	15.610	1.44	1.75	3.19	
1957	0.89	-	0.89	14.64	-	-	-	14.64	1.28	15.922	1.46	1.78	3.25	
1958	0.91	-	0.91	14.93	-	-	-	14.93	1.31	16.241	1.49	1.82	3.31	
1959	0.93	-	0.93	15.23	-	-	-	15.23	1.34	16.565	1.52	1.86	3.38	
1960	0.95	-	0.95	15.54	-	-	-	15.54	1.36	16.897	1.55	1.89	3.45	
1961	0.97	-	0.97	15.85	-	-	-	15.85	1.39	17.235	1.58	1.93	3.52	
1962	0.99	-	0.99	16.16	-	-	-	16.16	1.42	17.579	1.62	1.97	3.59	
1963	1.01	-	1.01	16.49	-	-	-	16.49	1.45	17.931	1.65	2.01	3.66	
1964	1.03	-	1.03	16.82	-	-	-	16.82	1.47	18.290	1.68	2.05	3.73	
1965	1.05	-	1.05	17.15	-	-	-	17.15	1.50	18.655	1.72	2.09	3.81	
1966	1.07	-	1.07	17.49	-	-	-	17.49	1.53	19.029	1.75	2.13	3.88	
1967	1.09	-	1.09	17.84	-	-	-	17.84	1.56	19.409	1.78	2.18	3.96	
1968	1.11	-	1.11	18.20	-	-	-	18.20	1.60	19.797	1.82	2.22	4.04	
1969	1.13	-	1.13	18.57	-	-	-	18.57	1.63	20.193	1.86	2.26	4.12	
1970	1.15	-	1.15	18.94	-	-	-	18.94	1.66	20.597	1.89	2.31	4.20	
1971	1.18	-	1.18	19.32	-	-	-	19.32	1.69	21.009	1.93	2.36	4.29	
1972	1.20	-	1.20	19.70	-	-	-	19.70	1.73	21.429	1.97	2.40	4.37	
1973	1.23	-	1.23	20.10	-	-	-	20.10	1.76	21.858	2.01	2.45	4.46	
1974	1.25	-	1.25	20.50	-	-	-	20.50	1.80	22.295	2.05	2.50	4.55	
1975	1.27	-	1.27	20.91	-	-	-	20.91	1.83	22.741	2.09	2.55	4.64	
1976	1.30	-	1.30	21.33	-	-	-	21.33	1.87	23.196	2.13	2.60	4.73	
1977	1.33	-	1.33	21.75	-	-	-	21.75	1.91	23.660	2.18	2.65	4.83	
1978	1.35	-	1.35	22.19	-	-	-	22.19	1.94	24.133	2.22	2.71	4.92	
1979	1.38	-	1.38	22.63	-	-	-	22.63	1.98	24.615	2.26	2.76	5.02	
1980	1.41	-	1.41	23.08	-	-	-	23.08	2.02	25.108	2.31	2.81	5.12	
1981	1.44	-	1.44	23.55	-	-	-	23.55	2.06	25.610	2.35	2.87	5.23	
1982	1.46	-	1.46	24.02	-	-	-	24.02	2.11	26.122	2.40	2.93	5.33	
1983	1.49	-	1.49	24.50	-	-	-	24.50	2.15	26.645	2.45	2.99	5.44	
1984	1.52	-	1.52	24.99	-	-	-	24.99	2.19	27.177	2.50	3.05	5.55	
1985	1.55	-	1.55	25.49	-	-	-	25.49	2.23	27.721	2.55	3.11	5.66	
1986	1.58	-	1.58	26.00	-	-	-	26.00	2.28	28.275	2.60	3.17	5.77	
1987	1.62	-	1.62	26.52	-	-	-	26.52	2.32	28.841	2.65	3.23	5.88	
1988	1.65	-	1.65	27.05	-	-	-	27.05	2.37	29.418	2.70	3.30	6.00	
1989	1.68	-	1.68	27.59	-	-	-	27.59	2.42	30.006	2.76	3.36	6.12	
1990	1.72	-	1.72	28.14	-	-	-	28.14	2.47	30.606	2.81	3.43	6.24	
1991	1.75	-	1.75	28.70	-	-	-	28.70	2.52	31.218	2.87	3.50	6.37	
1992	1.78	-	1.78	29.28	-	-	-	29.28	2.57	31.843	2.93	3.57	6.50	
1993	1.82	-	1.82	29.86	-	-	-	29.86	2.62	32.480	2.99	3.64	6.63	
1994	1.86	-	1.86	30.46	-	-	-	30.46	2.67	33.129	3.05	3.71	6.76	
1995	1.89	-	1.89	31.07	-	-	-	31.07	2.72	33.792	3.11	3.79	6.89	
1996	1.93	-	1.93	31.69	-	-	-	31.69	2.78	34.468	3.17	3.86	7.03	
1997	1.97	-	1.97	32.32	-	-	-	32.32	2.83	35.157	3.23	3.94	7.17	
1998	2.01	-	-	32.97	-	-	-	-	2.89	-	-	4.02	-	

**CALCULO DEL ESCURRIMIENTO VIRGEN EN LAS SUBCUENCAS  
V8 RIO ENCARNACION (Mm<sup>3</sup>)**

ANO	Ab	Ex	Ev	Uc	Ar	Im	R	DELTA V	Cp
1945	98.294		0.704	12.555			2.562		108.990
1946	92.735		0.718	12.806			2.613		103.646
1947	95.348		0.732	13.062			2.665		106.477
1948	150.370		0.747	13.323			2.718		161.721
1949	75.149		0.762	13.589			2.773		86.727
1950	97.891		0.777	13.861			2.828		109.701
1951	97.284		0.792	14.138			2.885		109.330
1952	90.369		0.808	14.421			2.943		102.656
1953	94.392		0.824	14.710			3.001		106.925
1954	84.301		0.841	15.004			3.061		97.084
1955	173.327		0.858	15.304			3.123		186.366
1956	92.708		0.875	15.610			3.185		106.008
1957	55.594		0.892	15.922			3.249		69.160
1958	297.894		0.910	16.241			3.314		311.731
1959	79.816		0.929	16.565			3.380		93.930
1960	69.721		0.947	16.897			3.448		84.117
1961	(9.234)		0.966	17.235			3.517		5.450
1962	21.696		0.985	17.579			3.587		36.674
1963	174.648		1.005	17.931			3.659		189.925
1964	(5.975)		1.025	18.290			3.732		9.608
1965	27.286		1.046	18.655			3.807		43.181
1966	29.113		1.067	19.029			3.883		45.325
1967	450.728		1.088	19.409			3.960		467.265
1968	104.924		1.110	19.797			4.040		121.791
1969	(5.171)		1.132	20.193			4.120		12.034
1970	109.291		1.154	20.597			4.203		126.840
1971	150.869		1.178	21.009			4.287		168.769
1972	105.057		1.201	21.429			4.372		123.315
1973	437.177		1.225	21.858			4.460		455.800
1974	50.973		1.250	22.295			4.549		69.969
1975	63.963		1.275	22.741			4.640		83.339
1976	252.051		1.300	23.196			4.733		271.813
1977	23.963		1.326	23.660			4.828		44.121
1978	110.667		1.353	24.133			4.924		131.228
1979	102.342		1.380	24.615			5.023		123.315
1980	101.923		1.407	25.108			5.123		123.315
1981	91.928		1.435	25.610			5.226		113.747
1982	6.090		1.464	26.122			5.330		28.346
1983	30.148		1.493	26.645			5.437		52.849
1984	69.617		1.523	27.177			5.545		92.772
1985	13.632		1.554	27.721			5.656		37.251
1986	237.247		1.585	28.275			5.769		261.338
1987	65.560		1.617	28.841			5.885		90.132
1988	90.421		1.649	29.418			6.002		115.485
1989	21.183		1.682	30.006			6.123		46.749
1990	87.970		1.716	30.606			6.245		114.047
1991	323.623		1.750	31.218			6.370		350.222
1992	158.276		1.785	31.843			6.497		185.406
1993	24.738		1.821	32.480			6.627		52.411
1994	17.945		1.857	33.129			6.760		46.171
1995	36.147		1.894	33.792			6.895		64.938
1996	16.105		1.932	34.468			7.033		45.472
1997	22.484		1.971	35.157			7.174		52.438
<b>PROMEDIO</b>	<b>101.030</b>		<b>1.232</b>	<b>21.986</b>			<b>4.486</b>		<b>119.763</b>

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

Ajojuca  
Agostadero  
Canal Ajojuca  
Calera

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

Con Smith y restituidos