

$$I = P - ETR - R$$

PROMEDIO AÑO	R(SML)	R(SOL)	I1	I2	I3	I4	I5	I6
31.9266667	3.24587	0.242616	22.60773	23.72473	24.63886	22.60773	26.72799	27.64211
26.5801667	4.863133	0.002507	14.65297	15.76997	16.88409	14.65297	20.63052	25.58058
28.5041667	4.074025	0.040919	18.35707	19.47408	20.3892	18.35707	23.60718	28.46325
11.0466667	10.04351	1.976281	-5.06991	-3.95291	-3.03878	-5.06991	4.114321	9.070385
19.3316667	6.829538	0.377054	6.429062	7.546064	8.460189	6.429062	13.99855	18.95461
37.3260833	2.146433	0.876484	29.10658	30.22359	31.13771	29.10658	31.43354	36.4496
25.32835	4.937584	0.005445	14.3177	15.4347	16.34983	14.3177	20.36684	25.32291
30.47	3.58559	0.136831	20.81134	21.92835	22.84247	20.81134	25.3771	30.33317
23.445275	5.494203	0.057932	11.87801	12.99501	13.90913	11.87801	18.43128	23.38734
19.2371667	6.862183	0.387843	6.301918	7.41892	8.33044	6.301918	13.89326	18.84932
30.8146667	3.503515	0.159238	21.23809	22.35509	23.26921	21.23809	23.69936	30.65443
24.033	5.316856	0.035471	12.64308	13.76008	14.6742	12.64308	19.04147	23.99753
3.20776667	13.78176	4.88708	-16.6471	-15.5301	-14.6159	-16.6471	6.92638	-1.67931
21.8701333	5.985916	0.14608	9.811151	10.92815	11.84228	9.811151	16.76799	21.72405
16.1079667	7.994488	0.838158	2.040432	3.157434	4.071559	2.040432	10.31374	15.26981
21.3989	6.137712	0.180528	9.188121	10.30512	11.21925	9.188121	16.26231	21.21837
35.8052333	2.431126	0.602883	27.30104	28.41804	29.33217	27.30104	30.18929	35.14435
44.922	1.004857	2.350582	37.84408	38.96108	39.8752	37.84408	37.61535	42.57142
42.4	1.333259	1.791031	34.99367	36.11068	37.0248	34.99367	35.6529	40.60897
17.239	7.673621	0.65419	3.592312	4.709314	5.624439	3.592312	11.62878	16.58481
17.562	7.456599	0.606119	4.033074	5.150076	6.064201	4.033074	11.99985	18.95686
13.39275	9.05952	1.38264	-1.73984	-0.62283	0.29129	-1.73984	7.054046	12.01011
14.92275	8.449783	1.057627	0.3999	1.516902	2.431027	0.3999	8.909059	13.86512

SML 310.4444444 SOL 130.848485
 A CN 45 B CN 66

Dónde:
 S= (25400/CN)-254
 P= Precipitación
 CN= Número de curva (tablas)
 Q= Escorrentía

$$Q = \frac{(P - 0.2S)^2}{(P + 0.8S)}$$

n1	HR	T1	T2	T3	n2
0.560658	80%	19.1	16.7	14.6	1.21*10 ⁴ * (1 - 0.01*HR) + 0.21 * T - 2.30 (mm)
0.4948862		ETP1	ETP2	ETP3	
n3		6.07306651	4.95606447	4.04193993	
0.43630164					

Dónde:
 P: Precipitación
 R: Escorrentía
 E: Evapotranspiración
 I: Infiltración
 / R: cambio en la variación en el almacenamiento

$$I = P - ETR - R$$

AÑO	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1999	2000	2001	2003	2004	2005	2006	2007	2008	2009	2010	
PRECIPITACION PROMEDIO	31.92867	26.53911	28.60417	11.04667	19.33167	37.32608	26.32836	30.47	23.44526	19.23717	30.81467	24.033	2.207767	21.97013	16.10797	21.3989	36.80523	44.922	42.4	17.238	17.562	13.9274	14.9276	
ESCORRENTIA	3.24587	4.863133	4.074025	10.04351	6.829538	2.146433	4.937584	3.58559	5.494203	6.862183	3.503515	5.316856	13.78176	5.985916	7.994468	6.137712	2.431126	1.004857	1.333259	7.573621	7.455859	9.05952	8.449783	
EVAPOTRANSPIRACION	6.073067	6.073067	6.073067	6.073067	6.073067	6.073067	6.073067	6.073067	6.073067	6.073067	6.073067	6.073067	6.073067	6.073067	6.073067	6.073067	6.073067	6.073067	6.073067	6.073067	6.073067	6.073067	6.073067	6.073067
DELTA	22.60773	14.65297	18.35707	-5.06991	6.429062	29.10658	14.3177	20.81134	11.87801	6.301918	21.23808	12.64308		9.811151	2.040432	9.188121	27.30104	37.84408	34.99367	3.592312	4.033074		0.3999	
ALMACENAMIENTO	22.60773	14.65297	18.35707	-5.06991	6.429062	29.10658	14.3177	20.81134	11.87801	6.301918	21.23808	12.64308		9.811151	2.040432	9.188121	27.30104	37.84408	34.99367	3.592312	4.033074		0.3999	
DEFICIT																								
RECARGA	22.60773	14.65297	18.35707	-5.06991	6.429062	29.10658	14.3177	20.81134	11.87801	6.301918	21.23808	12.64308		-16.6471	9.811151	2.040432	9.188121	27.30104	37.84408	34.99367	3.592312	4.033074	-1.73984	

NOMBRE ESTACION	ESTE	NORTE	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEMBRE	OCTUBRE	NOVIEMBRE	DICIEMBRE	AÑO	ANUAL	PROMEDIO AÑO
PTI ADRIANA	1096151	1070148	112	36	1475	245	175	415	88	4675	32	52	245	45	1988	383.12	31.92666667
PTI ADRIANA	1096151	1070148	375	45	102	975	3675	52	627	33	158	213	4882	65	1987	307.07	25.58916667
PTI ADRIANA	1096151	1070148	47	59	218	12	1392	42	546	435	261	261	8125	298	1988	342.05	28.50416667
PTI ADRIANA	1096151	1070148	298	36	1532	996	1468		32	172	1148	22	8	516	1989	132.56	11.04666667
PTI ADRIANA	1096151	1070148	64	73	84	14	582	187	402	1838	124	124	156	34	1990	231.98	19.33166667
PTI ADRIANA	1096151	1070148	24	14	64	88	544	34701	11403	14608	432	165	176	118	1991	447.01	37.33683333
PTI ADRIANA	1096151	1070148	17	14848	28336	17203	33	284	68	83	285	102	315	171	1992	303.94	25.32833
PTI ADRIANA	1096151	1070148	175	175	165	281	281	554	281	685	555	135	2134	153	1993	365.64	30.47
PTI ADRIANA	1096151	1070148	135	2020	633	7135	82503	267	55503	14	888				1994	281.34	23.445275
PTI ADRIANA	1096151	1070148	355	0243	355	21153				60	2575	68	32	158	1995	230.85	19.23716667
PTI ADRIANA	1096151	1070148	724	724	873	873	4683	87548	87548	2033	1484	2577	2577	29	1996	369.78	30.81466667
PTI ADRIANA	1096151	1070148	1125	134	388	523	1825	1125	76788	66108	294	1016	3888	4	1997	288.4	24.033
PTI ADRIANA	1096151	1070148	69908	11008	10008	16008	19	35	59	35	49	44	24	13	1999	38493	3.207766667
PTI ADRIANA	1096151	1070148	58908	11898	13098	10848	24018	26378	43618	36718	26378	13688	41218	86908	2000	262.44	21.87013333
PTI ADRIANA	1096151	1070148	86908	15508	31208	75608	20318	26378	11898	53778	32218	92608	92608	92608	2001	193.1	16.10796667
PTI ADRIANA	1096151	1070148	0.81008	1.81	11.95	14.34	32.338	17.27	47.69	20.16	18.66	30.03	34.838	26.89	2003	236.79	21.3989
PTI ADRIANA	1096151	1070148	1.1008	1	11.9	12.7	18.7	75.008	58.708	125.31		44.1	42.308	38.608	2004	429.66	35.80233333
PTI ADRIANA	1096151	1070148	1941	2321	2585	36.088	61.578	66.658	64.488	67.388	71.928	47.698	41.098	13.65	2005	539.06	44.922
PTI ADRIANA	1096151	1070148	1534	1077	2742	31.08	36.088	70.37	85.888	72.698	17.02	55.77	49.028	37.348	2006	508.8	42.4
PTI ADRIANA	1096151	1070148	533	3537	9447	1321	1021	2899	2899	4902	1049	2016	1866	8524	2007	206.87	17.339
PTI ADRIANA	1096151	1070148	535	1881	451	3003	15345	248	2585	2742	1349	2016	2899	1452	2008	210.34	17.562
PTI ADRIANA	1096151	1070148	451	3681	7362	43	7362	3797	3141	3141	3141	1615	7824	5393	2009	360.21	30.39375
PTI ADRIANA	1096151	1070148	0.808	1.297	5.256	0.336	23.76	1097	7948	2567	7568	1156	12363	31413	2010	179.07	14.92275

6.492173913 8.029486957 12.10770435 17.49346087 24.4851 33.16086957 49.25082609 49.24521739 23.27008696 24.02290435 27.52381739 14.94341739

PRECIPITACION PROMEDIO ANUAL

