

CAUDALES MAXIMOS DIARIOS TEST DE KOLMOGOROV-SMIRNOV

DISTRIBUCIÓN TIPO II

Parámetros

k	u
2.7	550.00

← mediante ajuste visual

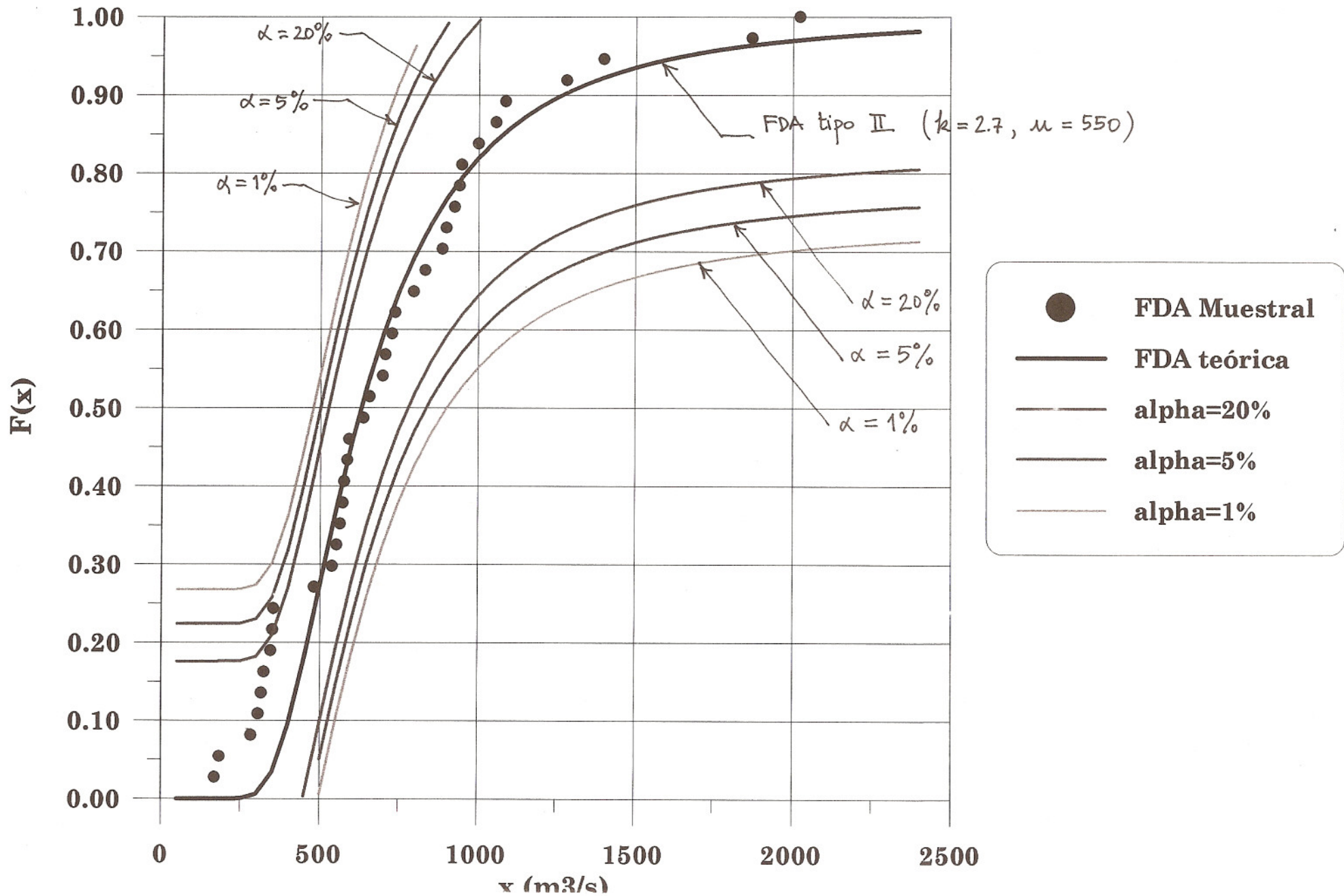
año	caudal (m3/s)	Sx(x)	Fx(x)	abs[S(x)-F(x)]
1	169.5	0.02702703	0.0000	0.0270
2	184.21	0.05405405	0.0000	0.0541
3	284.81	0.08108108	0.0027	0.0784
4	307.42	0.10810811	0.0082	0.1000
5	317.5	0.13513514	0.0122	0.1230
6	325.2	0.16216216	0.0160	0.1461
7	346.1	0.18918919	0.0304	0.1588
8	352.24	0.21621622	0.0358	0.1804
9	354.19	0.24324324	0.0376	0.2057
10	482.41	0.27027027	0.2406	0.0297
11	539.36	0.2972973	0.3485	0.0512
12	553.5	0.32432432	0.3742	0.0499
13	564.85	0.35135135	0.3943	0.0430
14	573.33	0.37837838	0.4091	0.0307
15	575.86	0.40540541	0.4134	0.0080
16	586.2	0.43243243	0.4309	0.0015
17	592	0.45945946	0.4405	0.0189
18	637.7	0.48648649	0.5114	0.0249
19	657.25	0.51351351	0.5389	0.0254
20	699	0.54054054	0.5925	0.0519
21	707.8	0.56756757	0.6029	0.0353
22	728	0.59459459	0.6256	0.0310
23	737.27	0.62162162	0.6355	0.0139
24	795.92	0.64864865	0.6917	0.0430
25	831.67	0.67567568	0.7208	0.0451
26	886.3	0.7027027	0.7590	0.0563
27	899.24	0.72972973	0.7671	0.0374
28	925.14	0.75675676	0.7822	0.0255
29	940.66	0.78378378	0.7907	0.0069
30	948.29	0.81081081	0.7947	0.0161
31	1000.57	0.83783784	0.8198	0.0181
32	1055.75	0.86486486	0.8420	0.0228
33	1086.6	0.89189189	0.8529	0.0390
34	1280.77	0.91891892	0.9030	0.0159
35	1399	0.94594595	0.9227	0.0232
36	1872	0.97297297	0.9640	0.0089
37	2023.25	1	0.9707	0.0293

$$0.2057 = \max \left| \frac{i}{n} - F(x) \right|$$

1.8761

		Valor crítico d2*					
		0.176	-0.176	0.224	-0.224	0.268	-0.268
x	FDA	$\alpha = 20\% (+)$	$\alpha = 20\% (-)$	$\alpha = 5\% (+)$	$\alpha = 5\% (-)$	$\alpha = 1\% (+)$	$\alpha = 1\% (-)$
50	0.0000	0.176	-0.176	0.224	-0.224	0.268	-0.268
100	0.0000	0.176	-0.176	0.224	-0.224	0.268	-0.268
150	0.0000	0.176	-0.176	0.224	-0.224	0.268	-0.268
200	0.0000	0.17600021	-0.17599979	0.22400021	-0.22399979	0.26800021	-0.26799979
250	0.0002	0.17622373	-0.17577627	0.22422373	-0.22377627	0.26822373	-0.26777627
300	0.0059	0.18187235	-0.17012765	0.22987235	-0.21812765	0.27387235	-0.26212765
350	0.0338	0.20976243	-0.14223757	0.25776243	-0.19023757	0.30176243	-0.23423757
400	0.0942	0.27016117	-0.08183883	0.31816117	-0.12983883	0.36216117	-0.17383883
450	0.1792	0.35522431	0.00322431	0.40322431	-0.04477569	0.44722431	-0.08877569
500	0.2743	0.45031407	0.09831407	0.49831407	0.05031407	0.54231407	0.00631407
550	0.3679	0.54387944	0.19187944	0.59187944	0.14387944	0.63587944	0.09987944
600	0.4536	0.62956095	0.27756095	0.67756095	0.22956095	0.72156095	0.18556095
650	0.5289	0.70489703	0.35289703	0.75289703	0.30489703	0.79689703	0.26089703
700	0.5937	0.76965778	0.41765778	0.81765778	0.36965778	0.86165778	0.32565778
750	0.6487	0.82467302	0.47267302	0.87267302	0.42467302	0.91667302	0.38067302
800	0.6952	0.87116198	0.51916198	0.91916198	0.47116198	0.96316198	0.42716198
850	0.7344	0.91039504	0.55839504	0.95839504	0.51039504	1.00239504	0.46639504
900	0.7675	0.94354345	0.59154345	0.99154345	0.54354345	1.03554345	0.49954345
950	0.7956	0.97162608	0.61962608	1.01962608	0.57162608	1.06362608	0.52762608
1000	0.8195	0.9955025	0.6435025	1.0435025	0.5955025	1.0875025	0.5515025
1050	0.8399	1.01588606	0.66388606	1.06388606	0.61588606	1.10788606	0.57188606
1100	0.8574	1.03336371	0.68136371	1.08136371	0.63336371	1.12536371	0.58936371
1150	0.8724	1.04841662	0.69641662	1.09641662	0.64841662	1.14041662	0.60441662
1200	0.8854	1.06143893	0.70943893	1.10943893	0.66143893	1.15343893	0.61743893
1250	0.8968	1.07275388	0.72075388	1.12075388	0.67275388	1.16475388	0.62875388
1300	0.9066	1.08262719	0.73062719	1.13062719	0.68262719	1.17462719	0.63862719
1350	0.9153	1.09127796	0.73927796	1.13927796	0.69127796	1.18327796	0.64727796
1400	0.9229	1.09888755	0.74688755	1.14688755	0.69888755	1.19088755	0.65488755
1450	0.9296	1.10560664	0.75360664	1.15360664	0.70560664	1.19760664	0.66160664
1500	0.9356	1.11156094	0.75956094	1.15956094	0.71156094	1.20356094	0.66756094
1550	0.9409	1.11685576	0.76485576	1.16485576	0.71685576	1.20885576	0.67285576
1600	0.9456	1.12157969	0.76957969	1.16957969	0.72157969	1.21357969	0.67757969
1650	0.9498	1.12580755	0.77380755	1.17380755	0.72580755	1.21780755	0.68180755
1700	0.9536	1.1296028	0.7776028	1.1776028	0.7296028	1.2216028	0.6856028
1750	0.9570	1.13301946	0.78101946	1.18101946	0.73301946	1.22501946	0.68901946
1800	0.9601	1.13610371	0.78410371	1.18410371	0.73610371	1.22810371	0.69210371
1850	0.9629	1.13889513	0.78689513	1.18689513	0.73889513	1.23089513	0.69489513
1900	0.9654	1.14142781	0.78942781	1.18942781	0.74142781	1.23342781	0.69742781
1950	0.9677	1.14373121	0.79173121	1.19173121	0.74373121	1.23573121	0.69973121
2000	0.9698	1.14583084	0.79383084	1.19383084	0.74583084	1.23783084	0.70183084
2050	0.9717	1.14774888	0.79574888	1.19574888	0.74774888	1.23974888	0.70374888
2100	0.9735	1.14950468	0.79750468	1.19750468	0.74950468	1.24150468	0.70550468
2150	0.9751	1.15111516	0.79911516	1.19911516	0.75111516	1.24311516	0.70711516
2200	0.9766	1.15259517	0.80059517	1.20059517	0.75259517	1.24459517	0.70859517
2250	0.9780	1.15395777	0.80195777	1.20195777	0.75395777	1.24595777	0.70995777
2300	0.9792	1.15521447	0.80321447	1.20321447	0.75521447	1.24721447	0.71121447
2350	0.9804	1.15637547	0.80437547	1.20437547	0.75637547	1.24837547	0.71237547
2400	0.9814	1.15744977	0.80544977	1.20544977	0.75744977	1.24944977	0.71344977

CAUDALES MÁXIMOS TEST K-S. DISTRIBUCIÓN TIPO II



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