

VILLA TRAFUL: Planilla de asignación de caudales a tramos

Población **93** Habitantes Pérdidas **7%**
 Dotación **247** l / hab.día Longitud Cañería **103.22** Hectómetros
 Caudal Medio **24.58** m3/día Gasto Hectométrico **0.0028** l / seg.Hm

Tramo	Nudos		Cotas		Diametro		Longitudes			Gasto (lts/seg)	
	Desde	Hasta	Desde	Hasta	Nominal	Interno	Principal	Secundarias		Actual	Futuro
1	1	2	914.50	915.78	110	103.6	179	0	0	0.0049	0.00
2	2	3	915.78	913.08	110	103.6	95	0	0	0.0026	0.00
3	3	4	913.08	910.91	110	103.6	22	0	0	0.0006	0.00
4	4	5	910.91	903.79	110	103.6	41	0	0	0.0011	0.00
5	5	6	903.79	901.05	110	103.6	24	0	0	0.0007	0.00
6	6	7	901.05	894.49	110	103.6	134	0	0	0.0037	0.00
7	7	8	894.49	891.09	110	103.6	188	0	0	0.0052	0.00
8	8	9	891.09	887.73	110	103.6	21	0	0	0.0006	0.00
9	9	10	887.73	881.30	110	103.6	45	0	0	0.0012	0.00
10	10	11	881.30	874.15	75	70.6	119	0	0	0.0033	0.00
11	11	12	874.15	870.93	75	70.6	35	0	0	0.0010	0.00
12	12	13	870.93	869.58	75	70.6	45	0	0	0.0012	0.00
13	13	14	869.58	857.94	75	70.6	93	0	0	0.0026	0.00
14	14	15	857.94	852.52	75	70.6	75	76	0	0.0042	0.00
15	15	16	852.52	854.58	75	70.6	111	62	0	0.0048	0.00
16	16	17	854.58	853.32	75	70.6	28	0	0	0.0008	0.00
17	17	18	853.32	851.02	75	70.6	49	0	0	0.0014	0.00
18	18	19	851.02	859.15	75	70.6	51	77	0	0.0035	0.00
19	18	21	851.02	850.01	75	70.6	50	0	0	0.0014	0.00
20	21	20	853.25	850.01	75	70.6	20	100	0	0.0033	0.00
21	21	22	850.01	844.24	75	70.6	46	0	0	0.0013	0.00
22	22	23	844.24	839.94	75	70.6	200	0	0	0.0055	0.00
23	23	24	839.94	841.55	75	70.6	99	0	0	0.0027	0.00
24	24	25	841.55	838.14	75	70.6	32	0	0	0.0009	0.00
25	25	26	838.14	835.38	75	70.6	27	0	0	0.0007	0.00
26	26	27	835.38	826.89	75	70.6	84	0	0	0.0023	0.00
27	27	28	826.89	823.99	75	70.6	43	0	0	0.0012	0.00
28	28	29	823.99	814.94	75	67.8	110	0	0	0.0030	0.00
29	29	30	814.94	814.21	75	67.8	125	208	0	0.0092	0.00
30	30	31	814.21	814.83	75	67.8	182	0	0	0.0050	0.00
31	31	32	814.83	813.82	75	67.8	112	0	0	0.0031	0.00
32	32	33	813.82	808.19	75	67.8	230	0	0	0.0063	0.00
33	33	34	808.19	810.37	75	67.8	189	0	0	0.0052	0.00
34	34	35	810.37	807.65	75	67.8	57	0	0	0.0016	0.00
35	35	36	807.65	809.29	75	67.8	229	0	0	0.0063	0.00
36	36	37	809.29	808.00	75	67.8	64	0	0	0.0018	0.00
37	37	38	808.00	816.17	75	70.6	172	0	0	0.0047	0.00
38	38	39	816.17	816.75	75	70.6	10	0	0	0.0003	0.00
39	39	40	816.75	817.22	75	70.6	23	112	0	0.0037	0.00
40	40	41	817.22	822.51	75	70.6	42	0	0	0.0012	0.00
41	41	42	822.51	825.44	75	70.6	32	0	0	0.0009	0.00

NUDO	X	Y
1	5529	509
2	5688	427
3	5782	413
4	5803	410
5	5811	450
6	5789	460
7	5680	538
8	5499	590
9	5485	605
10	5489	649
11	5608	647
12	5640	634
13	5681	650
14	5771	628
15	5845	630
16	5954	654
17	5981	661
18	6025	682
19	6038	633
20	6077	667
21	6075	688
22	6071	734
23	6269	751
24	6351	807
25	6382	806
26	6383	833
27	6299	840
28	6275	874
29	6317	976
30	6204	1029
31	6041	1108
32	5941	1155
33	5772	1307
34	5593	1359
35	5536	1352
36	5315	1399
37	5253	1406
38	5253	1235
39	5250	1227
40	5241	1206
41	5202	1193

	Desde	Hasta	Desde	Hasta	Nominal	Interno	Principal	Actuales	Futuras	Actual	Futuro
42	42	43	825.44	830.41	75	70.6	42	0	0	0.0012	0.00
43	43	44	830.41	835.00	75	70.6	58	0	0	0.0016	0.00
44	44	45	835.00	837.16	75	70.6	43	0	0	0.0012	0.00
45	45	46	837.16	839.93	75	70.6	24	0	0	0.0007	0.00
46	46	47	839.93	845.79	75	70.6	64	0	0	0.0018	0.00
47	47	48	845.79	849.98	75	70.6	64	0	0	0.0018	0.00
48	48	49	849.98	860.47	75	70.6	127	0	0	0.0035	0.00
49	31	50	814.83	826.40	110	99.4	252	0	0	0.0069	0.00
50	50	51	826.40	826.79	110	99.4	30	0	0	0.0008	0.00
51	51	52	826.79	844.28	110	99.4	318	0	0	0.0088	0.00
52	52	53	844.28	845.17	110	99.4	16	0	0	0.0004	0.00

NUDO	X	Y
42	5172	1191
43	5134	1177
44	5087	1207
45	5045	1207
46	5025	1197
47	4986	1147
48	4931	1118
49	4808	1140
50	5884	912
51	5858	901
52	5542	907

	Desde	Hasta	Desde	Hasta	Nominal	Interno	Principal	Actuales	Futuras	Actual	Futuro
53	53	54	845.17	848.45	110	99.4	70	0	0	0.0019	0.00
54	54	55	848.45	854.04	110	103.6	121	0	0	0.0033	0.00
55	55	56	854.04	861.38	110	103.6	88	0	0	0.0024	0.00
56	56	57	861.38	866.59	110	103.6	35	0	0	0.0010	0.00
57	57	58	866.59	870.96	110	103.6	45	0	0	0.0012	0.00
58	58	59	870.96	875.33	110	103.6	197	0	0	0.0054	0.00
59	59	60	875.33	871.65	110	103.6	53	0	0	0.0015	0.00
60	60	61	871.65	866.38	110	103.6	53	0	0	0.0015	0.00
61	61	62	866.38	865.61	110	103.6	27	0	0	0.0007	0.00
62	62	63	865.61	863.05	110	103.6	39	0	0	0.0011	0.00
63	63	64	863.05	861.78	110	103.6	56	0	0	0.0015	0.00
64	64	49	861.78	860.47	110	103.6	76	0	0	0.0021	0.00
65	49	65	860.47	864.67	75	70.6	83	0	0	0.0023	0.00
66	65	66	864.67	867.38	75	70.6	62	0	0	0.0017	0.00
67	66	67	867.38	869.34	75	70.6	53	0	0	0.0015	0.00
68	67	68	869.34	868.31	75	70.6	54	0	0	0.0015	0.00
69	68	69	868.31	863.21	75	70.6	126	0	0	0.0035	0.00
70	69	70	863.21	859.63	75	70.6	87	0	0	0.0024	0.00
71	70	71	859.63	860.00	75	70.6	57	0	0	0.0016	0.00
72	71	72	860.00	859.54	75	70.6	45	0	0	0.0012	0.00
73	72	73	859.54	856.43	75	70.6	37	0	0	0.0010	0.00
74	73	74	856.43	852.07	75	70.6	102	0	0	0.0028	0.00
75	74	75	852.07	850.51	75	70.6	18	0	0	0.0005	0.00
76	75	76	850.51	847.80	75	70.6	21	0	0	0.0006	0.00
77	76	77	847.80	845.30	75	70.6	72	0	0	0.0020	0.00
78	77	78	845.30	845.18	75	70.6	31	0	0	0.0009	0.00
79	78	79	845.18	847.83	75	70.6	51	0	0	0.0014	0.00
80	79	80	847.83	847.46	75	70.6	87	0	0	0.0024	0.00
81	80	81	847.46	840.50	75	70.6	85	0	0	0.0023	0.00
82	81	82	840.50	837.98	75	70.6	57	0	0	0.0016	0.00
83	82	83	837.98	833.25	75	70.6	80	0	0	0.0022	0.00
84	37	84	808.00	806.84	75	67.8	53	0	0	0.0015	0.00
85	84	85	806.84	817.23	75	67.8	233	0	0	0.0064	0.00
86	38	86	816.17	823.34	75	70.6	272	0	0	0.0075	0.00
87	86	87	823.34	822.87	75	70.6	32	0	0	0.0009	0.00
88	87	88	822.87	820.99	75	70.6	38	0	0	0.0010	0.00
89	88	89	820.99	817.78	75	70.6	50	0	0	0.0014	0.00
90	89	85	817.78	817.23	75	70.6	64	0	0	0.0018	0.00
91	85	90	817.23	817.61	75	70.6	19	0	0	0.0005	0.00
92	90	91	817.61	818.32	75	70.6	65	0	0	0.0018	0.00
93	86	92	823.34	823.68	75	70.6	89	0	0	0.0025	0.00
94	92	91	823.68	818.32	75	70.6	136	0	0	0.0037	0.00
95	91	93	818.32	824.15	75	70.6	145	0	0	0.0040	0.00
96	93	94	824.15	829.83	75	70.6	200	0	0	0.0055	0.00
97	94	95	829.83	830.18	75	70.6	71	0	0	0.0020	0.00
98	95	96	830.18	830.53	110	103.6	125	0	0	0.0034	0.00
99	96	97	830.53	823.41	110	103.6	126	0	0	0.0035	0.00
100	97	98	823.41	821.25	110	103.6	89	0	0	0.0025	0.00
101	98	99	821.25	823.08	110	103.6	206	0	0	0.0057	0.00
102	99	100	823.08	823.37	110	103.6	94	0	0	0.0026	0.00

NUDO	X	Y
53	5531	896
54	5465	874
55	5347	859
56	5264	871
57	5231	869
58	5189	880
59	5051	1016
60	5004	1031
61	4979	1075
62	4958	1087
63	4922	1085
64	4869	1093
65	4740	1184
66	4681	1196
67	4638	1222
68	4586	1217
69	4473	1266
70	4390	1285
71	4336	1273
72	4299	1250
73	4264	1253
74	4198	1329
75	4181	1334
76	4165	1322
77	4146	1254
78	4125	1253
79	4081	1252
80	4032	1322
81	3964	1370
82	3937	1419
83	3874	1467
84	5202	1412
85	4981	1480
86	4994	1313
87	4976	1337
88	4967	1372
89	4968	1420
90	4693	1484
91	4900	1475
92	4911	1340
93	4761	1440
94	4564	1418
95	4506	1454
96	4391	1495
97	4305	1582
98	4218	1584
99	4023	1524
100	3965	1454
101	3870	1484
102	3757	1518

	Desde	Hasta	Desde	Hasta	Nominal	Interno	Principal	Actuales	Futuras	Actual	Futuro
103	100	101	823.37	832.04	110	103.6	102	0	0	0.0028	0.00
104	83	101	833.25	832.04	75	70.6	19	0	0	0.0005	0.00
105	101	102	832.04	837.16	75	70.6	120	0	0	0.0033	0.00
106	102	103	837.16	845.14	75	70.6	150	0	0	0.0041	0.00
107	103	104	845.14	843.37	75	70.6	158	132	0	0.0080	0.00
500	500	1		914.50	110	103.6	20	0	0	0.0006	0.00
501	501	54	870.55	848.45	160	150.6	240	0	0	0.0066	0.00
SUB TOTAL							9,555	767	0	0.2845	0.00

NUDO	X	Y
103	3615	1479
104	3458	1482
500	5521	496
501	5457	637