



COORDENADAS CLAVOS TERUEL

NOMBRE	X	Y	Z
1	660832.495	4467182.490	911.589
2	660904.474	4467199.358	912.152
3	660981.721	4467365.518	919.974
4	660990.393	4467390.312	920.588
5	660998.293	4467514.287	923.004
6	661003.505	4467619.911	922.482
7	660937.254	4467715.664	916.123
8	660878.965	4467796.291	910.654
9	660650.142	4467948.807	915.720
10	660567.381	4468069.437	925.089
11	660575.246	4468148.415	925.980
12	660599.256	4468319.540	929.497
13	660600.580	4468454.571	933.060
14	660619.669	4468561.863	935.152
15	660558.391	4468409.305	930.821
16	660493.136	4468358.998	928.976
17	660428.056	4468349.230	928.671
18	660386.366	4468257.530	926.658
19	660354.168	4468174.556	922.582
20	660305.157	4468106.457	920.539
21	660204.845	4468007.856	912.748
22	660211.698	4467929.132	889.122
23	660270.366	4467907.096	887.072
24	660281.995	4467859.000	887.022
25	660313.341	4467798.177	884.302
26	660344.444	4467747.974	880.394
27	660409.919	4467659.136	878.532
28	660451.995	4467598.426	884.095
29	660565.639	4467516.975	893.052
30	660653.900	4467406.660	900.563
31	660673.211	4467368.024	902.179
32	660706.088	4467250.815	902.577
33	660735.845	4467189.351	908.914
34	660939.335	4467533.977	927.891
35	660911.168	4467536.715	927.614
36	660872.673	4467519.080	923.646
37	660831.222	4467517.227	919.759
38	660777.383	4467527.711	914.051



NOMBRE	X	Y	Z
39	660921.361	4467402.344	920.468
40	660859.779	4467426.398	915.973
41	660860.524	4467447.815	915.831
42	660837.916	4467446.621	913.574
43	660801.351	4467450.414	911.619
44	660770.810	4467449.105	910.781
45	660740.104	4467495.859	912.203
46	660694.723	4467522.800	913.868
47	660663.401	4467559.488	913.934
48	660624.677	4467585.789	914.302
49	660563.035	4467642.900	914.600
50	660547.451	4467666.324	914.950
51	660591.341	4467669.950	913.893
52	660638.720	4467712.017	917.396
53	660672.261	4467778.922	915.673
54	660774.520	4467740.143	911.422
55	660786.527	4467733.584	912.588
56	660821.699	4467659.665	919.007
57	660745.701	4467812.617	904.567
58	660817.692	4467833.140	908.298
59	660952.613	4467029.829	881.017
60	661015.411	4467105.098	883.266
61	661057.087	4467246.616	882.906
62	661136.810	4467377.998	885.825
63	661267.942	4467466.309	888.346
64	661298.745	4467625.220	892.506
65	661280.872	4467641.944	892.332
66	661295.881	4467669.262	892.972
67	661193.267	4467801.572	900.574
68	661209.081	4467854.908	905.370
69	661178.810	4467888.063	909.693
70	661125.064	4467897.427	912.941
71	661199.562	4468068.743	916.864
72	661194.135	4467978.546	914.242
73	661185.207	4468125.397	918.046
74	661120.514	4468153.679	913.196
75	661005.882	4468128.741	906.935
76	660995.546	4468063.158	905.724
77	660938.328	4468089.851	907.668
78	660946.461	4468140.024	914.848
79	660890.592	4468125.124	915.348
80	660883.042	4468165.890	918.516
81	660811.537	4468230.856	923.271



NOMBRE	X	Y	Z
82	660795.643	4468286.402	927.688
83	660734.163	4468345.139	934.255
84	660690.168	4468423.286	936.291
85	660623.743	4468495.276	933.804
86	660381.123	4467868.625	895.834
87	660409.990	4467919.542	906.265
88	660417.492	4467961.371	912.781
89	660443.390	4467997.820	919.890
90	660416.009	4468028.892	920.996
91	660486.815	4468086.759	923.264
92	660477.660	4468163.989	920.071
93	660510.707	4468147.158	921.383
94	660494.999	4468244.997	925.153
95	660720.740	4467597.855	916.247
96	660769.293	4467620.573	917.664
97	660729.512	4467611.458	916.696
98	660713.885	4467648.799	917.682
99	660736.482	4467651.897	917.862
100	660693.861	4467701.673	918.799
101	660656.043	4467733.191	917.169
102	660639.454	4467744.674	915.885
103	660601.376	4467717.670	911.553
104	660551.800	4467704.613	906.363
105	660787.436	4467497.913	913.156
106	660774.244	4467551.516	914.692
107	661270.450	4467539.798	890.217
108	660806.125	4467603.142	917.306
109	660882.492	4467643.970	921.239
110	660926.712	4467662.499	920.228
111	660530.184	4468022.793	922.648
112	660504.482	4467998.850	921.454
113	660447.357	4467932.901	918.171
114	660504.508	4467874.598	917.877
115	660595.959	4467975.444	919.804
116	660476.047	4467983.395	920.431
117	660686.888	4467798.117	907.208
118	660680.822	4467957.037	905.859
119	660755.966	4468125.735	917.687
120	660809.506	4468105.978	919.376
121	660794.740	4468032.418	918.660
122	660829.899	4467971.822	917.272
123	660814.474	4467903.288	913.409
124	660681.470	4468114.299	925.125



NOMBRE	X	Y	Z
125	660627.387	4468146.522	927.831
126	660845.376	4468202.264	921.233
127	660874.310	4468258.390	933.775
128	660495.256	4467701.867	883.902
129	660639.860	4467836.570	886.781
130	660702.988	4467830.607	888.718
131	660902.902	4467875.374	898.241
132	660981.564	4467958.666	900.897
133	660979.762	4468010.907	904.053
134	660972.609	4467103.022	884.438
135	660978.723	4467212.231	886.790
136	661033.234	4467306.583	887.250
137	661067.534	4467378.547	888.050
138	661088.433	4467470.746	894.747
139	661064.229	4467538.561	901.804
140	661033.691	4467564.101	907.559
141	661034.140	4467597.191	911.611
142	660956.232	4467697.392	917.514
143	661148.346	4467571.849	893.311
144	661128.722	4467625.120	895.534
145	661028.607	4467713.814	903.298
146	661015.313	4467742.043	905.701
147	660986.851	4467764.541	908.928
148	661079.572	4467820.446	912.502
149	661011.871	4467832.547	907.093
150	660979.217	4467821.278	903.937
151	660909.026	4467892.821	898.290
152	660928.587	4468020.781	906.577
153	661104.683	4467868.378	914.196
154	660723.753	4467423.450	906.700
155	660758.692	4467401.597	913.453
156	660772.377	4467352.226	915.335
157	660734.234	4467331.535	912.418
158	660784.233	4467229.538	913.694
160	660826.156	4467232.092	914.167
161	661138.263	4467351.723	885.165
162	661171.017	4467341.861	886.276
163	661179.473	4467321.505	887.826
164	661266.276	4467324.217	890.298
165	661293.325	4467286.588	896.867
166	661274.894	4467232.979	895.563
167	661253.790	4467199.803	892.347
168	661273.470	4467153.607	889.098



NOMBRE	X	Y	Z
169	661233.012	4467116.391	886.498
170	661210.589	4467087.438	884.658
171	661217.520	4467075.768	884.792
172	661184.428	4467030.806	884.909
173	660722.714	4467119.906	896.668
174	660757.373	4467113.313	895.070
175	660834.762	4467155.330	892.113
176	660928.548	4467112.988	887.309
177	660828.962	4467284.148	916.128
178	660786.824	4467268.604	916.005
200	660749.670	4467457.174	909.407
201	660810.119	4466938.804	912.623
202	660805.488	4466869.536	913.232
203	660799.618	4466798.076	913.422
204	660797.758	4466734.023	914.048
205	660756.519	4466581.805	912.284
206	660755.227	4466533.721	912.249
207	660704.825	4466408.953	911.252
208	660681.753	4466287.172	910.520
209	660688.413	4466228.985	910.044
210	660706.867	4466158.636	909.278
211	660725.280	4466048.797	908.754
212	660898.401	4466247.662	916.846
213	660951.761	4466319.742	918.554
214	661031.858	4466385.706	918.992
215	661084.948	4466469.654	919.383
216	661160.567	4466504.873	918.756
217	661222.800	4466539.487	918.929
218	661113.587	4466726.145	916.680
219	661016.237	4466820.528	916.529
220	661076.883	4466884.061	918.752
221	660952.047	4466847.320	916.038
222	660914.396	4466902.330	914.905
223	660888.325	4466909.415	914.278
224	660846.380	4466954.272	913.167
225	660740.498	4466942.841	912.232
226	660705.639	4466877.310	912.014
227	660686.353	4466794.171	910.416
228	660632.795	4466786.129	910.436
229	660628.298	4466745.355	910.081
230	660676.696	4466558.717	910.833
231	660675.118	4466520.659	910.116
232	660618.866	4466531.767	907.130



RED TOPOGRÁFICA
AYUNTAMIENTO DE TERUEL

*Excmo. Ayuntamiento
de Teruel*

NOMBRE	X	Y	Z
233	660569.169	4466550.460	904.159
234	660576.506	4466709.402	890.818
235	660592.380	4466821.054	876.266
236	660564.943	4466896.006	874.178
237	660580.057	4467036.666	874.619
238	660624.935	4467036.102	875.679
239	660688.777	4467017.273	877.124
240	660785.018	4467076.374	878.483
242	661090.585	4467112.687	883.466
243	661251.589	4466986.099	886.293
244	661284.357	4466960.492	887.963
245	661365.017	4466849.108	900.599
246	661461.724	4466748.112	911.996
247	661492.125	4466675.607	918.906
248	661642.318	4466579.786	932.326
250	661618.855	4466515.096	934.469
251	661473.467	4466420.417	928.391
252	661309.051	4466465.461	921.657
255	660957.361	4466110.066	926.667
256	661072.959	4466182.381	930.974
257	661111.296	4466182.572	930.795
258	661033.035	4466269.564	924.784
259	661097.664	4466343.222	924.148
260	661129.047	4466379.289	923.200
261	661169.662	4466348.517	923.477
262	661234.969	4466362.022	924.302
263	661281.844	4466416.099	923.040
264	661310.747	4466441.100	922.193
265	660822.431	4466715.149	913.999
266	660858.631	4466706.934	914.289
267	661006.154	4466769.850	916.286
268	661040.971	4466697.634	914.916
269	661026.138	4466632.488	915.457
270	661108.645	4466587.390	916.102
271	661007.944	4466473.089	915.150
272	660958.063	4466436.937	914.637
273	660859.638	4466478.834	913.327
274	660821.815	4466358.562	912.605
275	660789.505	4466292.947	912.191
276	660768.706	4466211.726	910.816
278	660593.103	4466438.367	906.758
279	660562.633	4466334.854	907.738
280	660561.774	4466183.262	907.538



RED TOPOGRÁFICA
AYUNTAMIENTO DE TERUEL

*Excmo. Ayuntamiento
de Teruel*

NOMBRE	X	Y	Z
281	660596.578	4466055.111	907.144
282	660607.123	4467254.042	877.041
283	660575.888	4467311.801	877.643
284	660519.967	4467323.483	876.223
285	660512.451	4467404.651	876.334
286	660445.174	4467549.408	878.370
287	660398.341	4467590.228	882.951
288	660423.432	4467624.209	881.666
289	660318.454	4467664.459	876.616
290	660179.827	4467785.478	875.694
291	660033.409	4467891.244	877.186
292	659888.292	4468020.374	879.071
293	659836.593	4468069.896	880.069
300	661237.408	4467773.228	894.546
301	660893.174	4468594.466	967.369
302	661244.849	4468832.555	968.116
303	660302.414	4465877.888	872.201
304	661026.146	4467492.989	923.222
305	660776.327	4467191.201	911.389
306	660827.281	4466955.481	912.613
307	661146.532	4467555.193	892.721
308	660530.365	4468325.965	929.417
FUENFRESCA-1	661733.175	4466518.285	936.666
FUENFRESCA-2	661757.091	4466422.533	939.364
FUENFRESCA-3	661644.458	4466256.422	941.919
FUENFRESCA-4	661530.169	4466119.718	935.900
FUENFRESCA-5	661737.955	4466023.876	929.145
FUENFRESCA-6	661901.694	4466137.491	938.610
FUENFRESCA-7	661971.269	4466336.834	941.432
FUENFRESCA-8	662007.126	4466509.003	944.369
FUENFRESCA-9	662113.526	4466476.201	947.769
FUENFRESCA-10	662278.072	4466445.173	952.201
FUENFRESCA-11	662244.767	4466318.467	948.035
FUENFRESCA-12	662308.458	4466274.677	946.829
FUENFRESCA-13	662229.455	4466248.572	946.314
FUENFRESCA-14	662133.370	4466125.427	940.186
FUENFRESCA-15	662657.218	4466332.515	954.118
FUENFRESCA-16	661985.535	4465676.934	932.110
FUENFRESCA-17	661923.812	4465695.252	932.580
FUENFRESCA-18	661852.041	4465876.945	933.712
FUENFRESCA-19	661656.943	4465822.477	921.984
FUENFRESCA-20	662014.973	4465980.667	935.605
FUENFRESCA-21	662169.048	4465851.657	938.940



Excmo. Ayuntamiento
de Teruel

RED TOPOGRÁFICA
AYUNTAMIENTO DE TERUEL

NOMBRE	X	Y	Z
FUENFRESCA-22	662262.930	4466007.702	942.714
FUNEFRESCA-23	662420.539	4466180.609	945.780
FUENFRESCA-24	662476.099	4466275.599	949.599
FUENFRESCA-25	662532.268	4466472.445	955.258
FUENFRESCA-26	662380.365	4466509.472	955.019
FUENFRESCA-27	662777.631	4466479.614	960.898
FUENFRESCA-28	663024.048	4466386.386	961.766
POLIGONO-1	656691.927	4470363.516	977.344
POLIGONO-2	656389.782	4470034.277	961.995
POLIGONO-3	656298.639	4469674.932	954.781
POLIGONO-4	656250.790	4469485.549	952.866
POLIGONO-5	656561.484	4469406.923	950.990
POLIGONO-6	656883.099	4469323.353	949.199
POLIGONO-7	657027.173	4469870.184	952.307
POLIGONO-8	657347.848	4469823.467	949.400
POLIGONO-9	657244.179	4469464.685	945.091
POLIGONO-10	657212.102	4469237.425	945.874
POLIGONO-11	657330.339	4469445.300	944.494
POLIGONO-12	657484.851	4469340.939	943.581
POLIGONO-13	657672.468	4469551.955	942.289
POLIGONO-14	657910.551	4469359.249	940.208
POLIGONO-15	657724.329	4469134.020	938.093
POLIGONO-16	657997.745	4468898.829	934.752
POLIGONO-17	658276.732	4469090.609	935.778
POLIGONO-18	656995.438	4470061.462	965.395
P_SUR-1	660735.521	4465929.392	908.333
P_SUR-2	660888.060	4465937.688	913.933
P_SUR-3	661100.569	4466018.221	919.560
P_SUR-4	660980.061	4465864.556	916.005
P_SUR-5	661273.306	4465899.206	920.390
P_SUR-6	661463.061	4465794.674	918.850
P_SUR-7	661379.466	4466002.878	924.520
P_SUR-8	661478.811	4466221.897	938.013
P_SUR-9	661308.123	4466152.466	928.835
P_SUR-10	661548.627	4466361.216	933.893
HIPICA-1	665925.798	4465077.764	1016.925
HIPICA-2	666020.411	4465134.530	1015.993
HIPICA-3	666064.140	4465319.472	1015.151
HIPICA-4	666154.040	4465515.638	1028.573
HIPICA-5	666095.656	4465756.493	1019.069
HIPICA-6	665225.895	4466004.234	1021.311
PERIMETRAL-1	662245.033	4466587.228	961.451
PERIMETRAL-2	662205.787	4466868.444	963.867



NOMBRE	X	Y	Z
PERIMETRAL-3	662094.971	4467165.803	966.900
PERIMETRAL-4	661393.597	4467908.379	922.053
PERIMETRAL-5	661342.397	4468282.425	934.007
PERIMETRAL-6	660898.290	4468398.522	964.850
VIDAS-1	660686.860	4469492.289	947.246
VIDAS-2	660162.321	4469257.144	941.969
VIDAS-3	659771.690	4468933.514	922.703
VIDAS-4	659898.064	4468534.853	918.961
VIDAS-5	660278.821	4468618.022	932.742
VIDAS-6	660317.988	4468859.059	947.330
PLATEA-1	655439.862	4471126.215	992.530
PLATEA-2	655777.540	4470832.364	990.821
PLATEA-3	655948.604	4470682.113	987.434
PLATEA-4	656190.332	4470472.075	982.315
PLATEA-5	656483.499	4470204.044	969.363
PLATEA-6	656020.107	4470920.791	983.389
PLATEA-7	655595.155	4470529.666	988.196
PLATEA-8	655664.072	4470073.591	965.879
PLATEA-9	656102.946	4469747.355	957.698
PLATEA-10	656433.527	4470787.786	979.202
PINAR-1	660095.588	4467406.287	885.065
PINAR-2	658958.441	4467317.552	955.654
PINAR-3	659369.570	4466829.657	952.426
PINAR-4	660236.848	4466882.470	908.485
PINAR-5	660090.459	4467321.712	912.403
PINAR-6	660326.619	4467052.346	881.291



COORDENADAS CLAVOS BARRIOS TERUEL

NOMBRE	X	Y	Z
ALDEHUELA-1	664996.313	4459356.316	1078.054
ALDEHUELA-2	664981.605	4459241.762	1088.056
ALDEHUELA-3	665109.089	4459028.943	1090.414
ALDEHUELA-4	665119.680	4459130.203	1094.287
ALDEHUELA-5	665143.306	4459192.441	1092.624
ALDEHUELA-6	665090.052	4459351.360	1082.219
CAMPILLO-1	649930.491	4464667.927	1125.481
CAMPILLO-2	649903.346	4464619.629	1126.285
CAMPILLO-3	649854.114	4464574.332	1127.372
CAMPILLO-4	649794.370	4464547.578	1128.309
CAMPILLO-5	650012.702	4464681.499	1127.475
CAMPILLO-6	649839.994	4464524.456	1128.050
CASTRALVO-1	663758.157	4463680.410	942.366
CASTRALVO-2	663715.479	4463800.321	943.281
CASTRALVO-3	663674.270	4463844.901	943.010
CASTRALVO-4	663627.698	4463791.620	939.739
CASTRALVO-5	663597.404	4463801.658	938.548
CASTRALVO-6	663554.583	4463835.502	938.180
CAUDE-1	653146.952	4474740.769	994.676
CAUDE-2	653292.676	4474845.161	988.898
CAUDE-3	653344.605	4474938.793	992.068
CAUDE-4	653258.889	4474996.266	992.311
CAUDE-5	653403.695	4474889.434	990.029
CAUDE-6	653441.900	4474861.317	992.757
CONCUD-1	657716.378	4471439.229	939.553
CONCUD-2	657469.642	4471488.689	936.566
CONCUD-3	657395.250	4471522.466	935.618
CONCUD-4	657345.046	4471492.796	934.074
CONCUD-5	657314.293	4471494.171	935.478
CONCUD-6	657273.136	4471529.380	939.149
CONCUD-7	657242.196	4471587.530	944.079
CONCUD-8	657196.698	4471625.964	946.092
CONCUD-9	657148.224	4471653.970	944.768
SAN-BLAS-1	655000.870	4469179.387	934.250
SAN-BLAS-2	655057.110	4469169.807	933.880
SAN-BLAS-3	655445.276	4469137.941	931.501
SAN-BLAS-4	655462.264	4469224.455	932.252



RED TOPOGRÁFICA
AYUNTAMIENTO DE TERUEL

NOMBRE	X	Y	Z
SAN-BLAS-5	654864.542	4469111.256	915.724
SAN-BLAS-6	654782.442	4469093.229	916.519
SAN-BLAS-7	654604.322	4469113.254	917.021
SAN-BLAS-8	654500.172	4469062.361	917.802
SAN-BLAS-9	654380.398	4468996.526	916.717
SAN-BLAS-10	654326.768	4469069.398	924.479
SAN-BLAS-11	654714.776	4469128.389	923.077
SAN-BLAS-12	654919.726	4469098.152	912.486
SAN-BLAS-13	654972.723	4469100.690	913.114
TORTAJADA-1	663441.396	4474657.570	926.288
TORTAJADA-2	663516.517	4474578.693	931.751
TORTAJADA-3	663502.396	4474526.542	932.046
TORTAJADA-4	663539.167	4474516.901	935.444
TORTAJADA-5	663531.297	4474499.895	937.271
TORTAJADA-6	663597.036	4474485.549	942.070
TORTAJADA-7	663597.186	4474515.110	942.289
TORTAJADA-8	663385.854	4474663.887	925.778
VALDECEBRO-1	666323.622	4469290.751	1058.370
VALDECEBRO-2	666386.724	4469298.331	1057.662
VALDECEBRO-4	666452.256	4469275.335	1055.097
VALDECEBRO-5	666457.112	4469336.917	1059.597
VALDECEBRO-6	666369.816	4469242.606	1053.731
VALDECEBRO-7	666337.216	4469215.588	1053.598
VALDECEBRO-8	666382.493	4469393.098	1080.003
VALDECEBRO-9	666645.740	4469426.096	1068.027
VILLALBA-1	662998.245	4476209.997	941.223
VILLALBA-2	663159.949	4476401.722	938.372
VILLALBA-3	663205.472	4476490.085	937.323
VILLALBA-4	663239.874	4476617.969	937.708
VILLALBA-5	663187.822	4476710.261	945.814
VILLALBA-6	663225.194	4476524.211	937.232
VILLAESPESA-1	659452.836	4462905.796	866.814
VILLAESPESA-2	659440.285	4462666.271	867.769
VILLAESPESA-3	659489.137	4462607.407	871.103
VILLAESPESA-4	659561.975	4462589.802	874.562
VILLAESPESA-5	659692.793	4462545.484	867.013
VILLAESPESA-6	659540.105	4462457.961	866.169
VILLAESPESA-7	659382.500	4462404.632	867.436
VILLAESPESA-8	659265.742	4462263.254	866.291
VILLAESPESA-9	659599.417	4462694.608	920.543