

# **ANEJO IV: INFORMACION TOPOGRAFICA**

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**PROYECTO DE REFORMA DE INFRAESTRUCTURAS URBANAS Y  
PAVIMENTACION DE LA CALLE PISCINAS Y ACCESOS AL BARRIO DE  
SAN CRISTOBAL EN BAÑOS DE EBRO**

## **ANEJO V: INFORMACION TOPOGRAFICA**

## **1. TRABAJOS DE TOPOGRAFIA**

El levantamiento topográfico se ha realizado combinando métodos GPS y topografía clásica.

El sistema de coordenadas empleado es el U.T.M., DATUM ETRS-89.

La cota o altitud está referida a la Red de Nivelación de Alta Precisión de la Exma. D.F.A. del año 1.992.

### **1.1. RED BASICA DE REFERENCIA TOPOGRAFICAS**

Para hacer posibles los trabajos de topografía correspondientes a este proyecto, se ha establecido una red básica de referencias topográficas en la zona a topografiar.

Para la situación de la Red Básica del Levantamiento, se han utilizado métodos GPS, recibiendo correcciones directas de la Red Euskadi, más concretamente de la Estación ELCIEGO que es la más cercana a la zona del trabajo.

Se han situado un total de 9 bases, E-11 a E-19, quedando materializadas en el terreno mediante clavos tipo spit.

### **1.2. LEVANTAMIENTO TOPOGRAFICO**

Desde los vértices de la Red Básica del levantamiento, y mediante topografía clásica (por el método de radiación), se han tomado los datos para el cálculo de los puntos que definen totalmente la zona de trabajo.

### 1.3. INSTRUMENTACION UTILIZADA

Para los trabajos descritos anteriormente se ha utilizado la siguiente instrumentación:

#### **Para la observación GPS:**

Un equipo GPS marca TOPCON modelo HIPER GGD+, con capacidad de recibir las señales de los satélites a través de 20 canales en L1/L2 GPS+GLONASS.

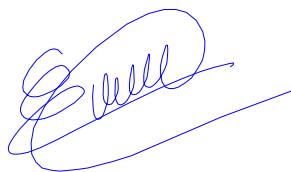
Para la gestión del receptor GPS se ha utilizado una libreta FC1000 mediante la aplicación del TOPSURV.

#### **Para la observación por topografía clásica:**

Una Estación Total Robotizada LEICA TCRP 1203 R300 de 5 segundos centesimales de apreciación angular y 2 mm +/- 2 ppm de precisión en la medida de distancias, controlable remotamente (evitando errores de puntería), con medidor laser sin prisma, con sus elementos de medición (jalón con trípode, prisma 360º, teclado para el control remoto).

MIRANDA DE EBRO, Abril de 2017

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Técnico en Mediciones

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Colegiado nº 2.546

**LISTADO DE BASES**

<b>NUMERO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>	<b>NOMBRE</b>
11	526832.598	4708887.996	443.200	E-11
12	526763.408	4708907.146	446.400	E-12
13	526612.738	4708957.856	446.320	E-13
14	526509.508	4708934.286	446.850	E-14
15	526412.968	4708917.156	441.240	E-15
16	526355.468	4708824.226	435.760	E-16
17	526532.908	4708835.786	448.700	E-17
18	526470.438	4708828.416	449.270	E-18
19	526461.198	4708798.186	448.050	E-19

**COORDENADAS U.T.M. DATUM ETRS-89**

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
1001	526928.158	4708866.156	443.880
1002	526894.228	4708870.786	442.580
1003	526900.638	4708871.126	442.780
1004	526907.048	4708871.246	443.020
1005	526915.768	4708871.056	443.240
1006	526904.938	4708876.526	443.220
1007	526903.668	4708878.276	443.370
1008	526894.818	4708875.156	442.830
1009	526889.568	4708877.856	442.830
1010	526888.018	4708874.956	442.700
1011	526875.658	4708878.036	442.880
1012	526868.968	4708877.466	442.900
1013	526869.588	4708879.816	442.940
1014	526896.968	4708884.086	444.900
1015	526888.288	4708884.146	444.530
1016	526888.358	4708886.356	444.600
1017	526877.318	4708889.256	444.460
1018	526876.798	4708887.316	444.350
1019	526876.568	4708885.086	444.310
1020	526863.018	4708888.456	444.530
1021	526863.618	4708890.436	444.530
1022	526864.098	4708892.606	444.600
1023	526850.428	4708896.276	444.830
1024	526849.828	4708894.276	444.840
1025	526849.318	4708892.096	444.830
1026	526833.998	4708896.066	445.130
1027	526834.828	4708897.956	445.140
1028	526835.558	4708900.156	445.200
1029	526821.048	4708903.636	445.440
1030	526817.908	4708902.566	445.390
1031	526815.958	4708900.976	445.310
1032	526815.318	4708906.306	445.400
1033	526808.948	4708903.546	444.820
1034	526806.638	4708901.786	444.510
1035	526848.528	4708882.406	442.700
1036	526853.458	4708887.916	443.020
1037	526857.528	4708877.386	442.490
1038	526850.358	4708878.436	442.210
1039	526840.578	4708881.326	442.120
1040	526832.238	4708883.086	442.000
1041	526820.228	4708884.406	442.010
1042	526811.318	4708883.416	442.060
1043	526811.688	4708885.916	442.080
1044	526811.888	4708888.316	442.040
1045	526811.858	4708888.016	442.040
1046	526811.858	4708889.756	442.460
1047	526861.428	4708881.846	443.020
1048	526849.738	4708885.066	443.080
1049	526833.438	4708889.236	443.190
1050	526819.178	4708893.196	443.470

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
1051	526806.708	4708895.916	443.830
1052	526805.078	4708898.126	443.990
1053	526801.398	4708899.046	444.150
1054	526800.608	4708897.356	444.120
1055	526797.218	4708898.136	444.300
1056	526790.618	4708899.276	444.640
1057	526798.208	4708903.056	444.670
1058	526779.218	4708901.356	445.250
1059	526764.288	4708892.376	445.600
1060	526765.138	4708893.756	445.670
1061	526766.158	4708895.056	445.860
1062	526768.018	4708903.226	445.940
1063	526775.988	4708910.526	449.230
1064	526781.018	4708909.606	449.190
1065	526785.348	4708907.696	447.860
1066	526787.598	4708908.206	447.270
1067	526790.118	4708906.706	447.060
1068	526797.058	4708910.336	447.360
1069	526805.238	4708911.786	447.750
1070	526803.268	4708909.076	447.520
1071	526763.488	4708915.286	449.200
1072	526760.368	4708913.986	448.100
1073	526758.148	4708916.136	447.930
1074	526754.848	4708916.696	447.890
1075	526755.218	4708914.896	447.880
1076	526754.168	4708913.566	447.810
1077	526762.868	4708909.176	447.460
1078	526758.418	4708905.646	446.530
1079	526756.818	4708902.146	446.480
1080	526758.248	4708901.566	446.300
1081	526755.008	4708899.036	446.380
1082	526754.228	4708897.566	446.270
1083	526753.008	4708896.096	446.260
1084	526736.128	4708902.056	446.610
1085	526737.118	4708903.416	446.770
1086	526738.058	4708904.646	446.800
1087	526740.938	4708911.686	447.230
1088	526742.678	4708915.876	447.810
1089	526743.548	4708917.016	447.780
1090	526743.768	4708918.656	447.810
1091	526744.568	4708920.176	447.830
1092	526740.908	4708915.696	447.530
1093	526728.578	4708922.316	447.370
1094	526729.498	4708923.596	447.380
1095	526729.498	4708925.626	447.420
1096	526725.878	4708917.036	447.180
1097	526724.638	4708913.686	446.600
1098	526722.378	4708913.786	446.600
1099	526717.698	4708908.726	445.990
1100	526718.478	4708910.056	446.070

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
1101	526719.568	4708911.386	446.260
1102	526709.968	4708922.966	446.860
1103	526713.208	4708927.516	447.100
1104	526713.758	4708929.296	447.040
1105	526714.218	4708931.096	447.090
1106	526712.548	4708914.416	447.160
1107	526699.988	4708920.876	446.950
1108	526702.578	4708918.086	447.180
1109	526697.678	4708927.226	446.700
1110	526701.548	4708931.506	446.790
1111	526703.378	4708932.816	446.760
1112	526703.898	4708934.516	446.820
1113	526692.598	4708923.576	446.760
1114	526685.348	4708928.046	446.620
1115	526686.658	4708931.116	446.450
1116	526688.618	4708935.876	446.260
1117	526689.608	4708937.766	446.290
1118	526690.548	4708939.726	446.380
1119	526684.518	4708935.446	446.210
1120	526677.158	4708929.206	446.530
1121	526670.058	4708933.726	446.340
1122	526670.858	4708936.716	446.190
1123	526672.938	4708941.706	445.960
1124	526673.998	4708943.516	446.010
1125	526674.938	4708945.436	446.050
1126	526661.668	4708934.786	446.330
1127	526654.358	4708937.526	446.340
1128	526654.628	4708939.366	446.240
1129	526655.658	4708942.686	446.140
1130	526657.508	4708947.446	445.920
1131	526658.288	4708949.236	445.940
1132	526659.508	4708951.276	445.970
1133	526646.578	4708940.386	446.300
1134	526638.368	4708943.426	446.400
1135	526642.038	4708947.786	446.180
1136	526643.488	4708952.696	445.920
1137	526644.618	4708954.436	445.960
1138	526645.268	4708956.446	445.980
1139	526631.488	4708961.666	446.050
1140	526630.178	4708959.936	446.020
1141	526629.138	4708958.206	445.990
1142	526621.038	4708960.836	446.270
1143	526622.038	4708962.966	446.280
1144	526623.418	4708964.746	446.320
1145	526626.668	4708956.836	445.950
1146	526625.788	4708953.176	446.200
1147	526618.588	4708954.986	446.190
1148	526617.678	4708959.286	446.290
1149	526614.308	4708955.496	446.240
1150	526606.958	4708955.816	446.340



**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
1151	526619.508	4708952.286	446.080
1152	526631.898	4708948.846	446.070
1153	526632.678	4708951.476	446.140
1154	526627.348	4708947.296	446.350
1155	526615.778	4708967.716	446.640
1156	526614.458	4708963.726	447.350
1157	526614.458	4708962.996	446.480
1158	526608.638	4708963.126	446.470
1159	526601.848	4708962.626	446.490
1160	526613.188	4708959.006	445.430
1161	526598.428	4708958.576	446.500
1162	526597.598	4708963.316	446.580
1163	526595.698	4708954.656	446.410
1164	526415.058	4708921.846	442.310
1165	526427.698	4708921.146	442.170
1166	526411.108	4708915.036	441.130
1167	526405.128	4708908.546	440.910
1168	526400.568	4708903.736	440.760
1169	526382.538	4708882.316	439.160
1170	526385.928	4708886.636	439.220
1171	526388.948	4708886.356	439.300
1172	526384.218	4708887.716	439.170
1173	526386.298	4708880.596	439.170
1174	526383.118	4708876.906	438.980
1175	526375.748	4708868.596	437.700
1176	526368.178	4708859.466	437.560
1177	526365.098	4708855.176	437.340
1178	526361.058	4708847.236	436.850
1179	526356.638	4708837.636	436.380
1180	526343.878	4708829.616	436.300
1181	526341.608	4708829.476	436.360
1182	526340.388	4708824.666	436.140
1183	526341.098	4708823.776	436.070
1184	526338.388	4708821.806	435.720
1185	526335.298	4708814.746	435.350
1186	526333.428	4708805.296	434.830
1187	526331.938	4708804.606	434.780
1188	526334.528	4708827.456	435.900
1189	526334.308	4708825.756	435.760
1190	526334.438	4708824.486	435.740
1191	526339.878	4708816.416	435.460
1192	526338.538	4708813.116	435.300
1193	526336.818	4708809.036	435.100
1194	526342.178	4708810.196	435.200
1195	526343.968	4708812.236	435.220
1196	526344.498	4708812.556	435.410
1197	526347.848	4708816.626	435.520
1198	526347.888	4708817.006	435.440
1199	526351.188	4708821.116	435.510
1200	526350.368	4708824.276	435.740

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
1201	526353.068	4708824.546	435.750
1202	526351.708	4708823.896	435.710
1203	526348.558	4708825.656	435.810
1204	526358.278	4708835.146	436.260
1205	526362.338	4708844.746	436.820
1206	526369.688	4708853.216	437.260
1207	526374.888	4708860.166	437.640
1208	526383.088	4708869.726	438.290
1209	526398.258	4708880.836	439.140
1210	526394.648	4708884.236	439.370
1211	526403.078	4708894.336	440.040
1212	526411.748	4708897.226	440.810
1213	526413.168	4708907.056	440.920
1214	526416.158	4708902.596	440.630
1215	526416.368	4708902.876	440.630
1216	526417.988	4708904.856	440.680
1217	526415.318	4708909.356	441.100
1218	526419.588	4708912.736	441.340
1219	526422.868	4708915.396	441.560
1220	526428.118	4708918.006	441.840
1221	526433.948	4708920.466	442.170
1222	526432.018	4708929.046	442.720
1223	526439.438	4708931.016	443.110
1224	526467.158	4708938.136	445.000
1225	526469.718	4708939.196	445.180
1226	526474.318	4708933.506	444.900
1227	526481.238	4708931.646	445.280
1228	526493.018	4708933.796	446.060
1229	526504.108	4708935.856	446.720
1230	526508.858	4708936.766	446.900
1231	526515.998	4708936.266	447.040
1232	526515.668	4708938.396	447.110
1233	526522.868	4708939.766	447.230
1234	526535.328	4708942.626	447.300
1235	526533.238	4708934.486	446.640
1236	526544.658	4708944.726	447.190
1237	526562.988	4708948.466	446.890
1238	526583.428	4708952.636	446.510
1239	526606.638	4708944.656	445.540
1240	526602.678	4708940.846	445.320
1241	526603.618	4708939.066	445.630
1242	526601.948	4708937.556	445.570
1243	526599.868	4708938.026	445.220
1244	526597.698	4708938.826	445.280
1245	526603.428	4708944.276	445.490
1246	526589.988	4708931.596	445.120
1247	526592.498	4708929.466	444.070
1248	526593.928	4708928.586	443.920
1249	526587.048	4708920.686	443.650
1250	526584.598	4708919.336	443.440

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
1251	526581.968	4708915.606	443.250
1252	526579.958	4708915.826	443.200
1253	526577.268	4708912.146	442.910
1254	526572.618	4708908.926	442.940
1255	526569.948	4708905.286	443.020
1256	526567.308	4708901.676	443.020
1257	526564.558	4708897.676	443.090
1258	526561.518	4708892.246	443.070
1259	526555.238	4708866.396	442.640
1260	526554.248	4708857.876	442.510
1261	526527.078	4708844.066	449.310
1262	526529.398	4708848.616	449.360
1263	526530.778	4708863.266	449.850
1264	526534.228	4708871.966	449.700
1265	526537.778	4708880.776	448.450
1266	526539.898	4708885.656	447.850
1267	526542.808	4708883.406	447.740
1268	526545.248	4708889.616	447.010
1269	526541.678	4708892.306	447.360
1270	526543.678	4708895.146	447.070
1271	526548.358	4708899.186	446.450
1272	526549.178	4708897.186	446.530
1273	526556.278	4708908.396	445.830
1274	526554.558	4708909.236	445.900
1275	526552.898	4708910.526	445.990
1276	526557.928	4708918.796	445.770
1277	526559.698	4708918.186	445.720
1278	526561.628	4708917.556	445.670
1279	526585.998	4708928.406	445.050
1280	526574.078	4708919.696	444.990
1281	526567.758	4708913.916	445.060
1282	526563.828	4708909.256	445.160
1283	526559.778	4708904.126	445.350
1284	526555.668	4708897.426	445.620
1285	526552.078	4708890.236	445.900
1286	526548.398	4708881.356	446.250
1287	526544.878	4708868.666	446.740
1288	526541.288	4708861.366	447.170
1289	526538.588	4708852.836	447.750
1290	526536.658	4708846.936	448.120
1291	526534.268	4708841.626	448.340
1292	526502.448	4708833.576	449.520
1293	526502.648	4708829.886	449.480
1294	526510.298	4708830.496	449.410
1295	526523.578	4708841.086	449.280
1296	526516.358	4708840.236	449.350
1297	526509.688	4708839.086	449.450
1298	526531.218	4708837.616	448.540
1299	526528.358	4708834.956	448.690
1300	526524.868	4708827.086	447.890

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
1301	526522.868	4708831.766	448.960
1302	526493.878	4708829.676	449.410
1303	526483.508	4708829.076	449.360
1304	526483.638	4708826.196	449.260
1305	526482.958	4708826.156	449.260
1306	526478.168	4708831.526	449.370
1307	526478.418	4708832.786	449.360
1308	526476.568	4708834.576	449.420
1309	526472.168	4708826.116	449.230
1310	526532.118	4708825.956	445.850
1311	526535.348	4708830.326	445.970
1312	526538.968	4708835.556	446.070
1313	526542.458	4708844.786	446.310
1314	526512.558	4708827.346	449.390
1315	526495.008	4708826.336	449.360
1316	526490.858	4708826.106	449.330
1317	526488.378	4708825.946	449.280
1318	526488.288	4708825.836	449.300
1319	526484.728	4708825.426	449.280
1320	526474.158	4708823.936	449.190
1321	526471.038	4708821.416	449.130
1322	526468.398	4708818.386	449.050
1323	526456.038	4708806.906	448.600
1324	526455.628	4708802.776	448.280
1325	526458.678	4708800.936	448.220
1326	526460.298	4708803.686	448.440
1327	526457.808	4708804.226	448.390
1328	526458.578	4708805.776	448.540
1329	526460.358	4708807.556	448.600
1330	526461.228	4708812.746	448.820
1331	526464.338	4708819.336	449.050
1332	526459.628	4708817.456	448.920
1333	526461.018	4708821.126	449.140
1334	526462.378	4708821.836	449.080
1335	526464.608	4708828.576	449.480
1336	526459.578	4708830.916	449.400
1337	526465.028	4708831.356	449.430
1338	526468.978	4708830.926	449.480
1339	526473.298	4708831.926	449.400
1340	526473.488	4708833.346	449.400
1341	526474.668	4708827.666	449.270
1342	526491.868	4708833.166	449.450
1343	526498.598	4708835.106	449.560
1344	526499.338	4708834.916	449.540
1345	526498.928	4708835.886	449.630
1346	526498.368	4708836.276	449.660
1347	526475.138	4708834.056	449.390
1348	526474.608	4708834.246	449.430
1349	526475.128	4708834.806	449.400
1350	526465.258	4708811.106	448.820

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
1351	526464.048	4708806.126	448.650
1352	526463.588	4708803.516	448.580
1353	526463.648	4708802.276	448.570
1354	526463.888	4708800.896	448.550
1355	526463.368	4708799.276	448.280
1356	526463.498	4708798.376	448.140
1357	526459.138	4708795.056	447.540
1358	526453.878	4708794.816	447.790
1359	526452.448	4708796.536	448.080
1360	526452.478	4708797.256	448.190
1361	526452.178	4708798.246	448.350
1362	526451.778	4708806.176	448.320
1363	526452.908	4708805.886	448.330
1364	526454.328	4708806.066	448.420
1365	526456.298	4708801.756	448.270
1366	526459.368	4708798.216	447.950
1367	526598.638	4708932.706	445.070
1368	526598.908	4708932.976	445.100
1369	526601.008	4708934.946	445.270
1370	526602.858	4708936.836	445.680
1371	526608.828	4708942.646	445.820
1372	526612.108	4708945.806	445.990
1373	526612.378	4708946.106	445.960
1374	526611.878	4708945.516	446.030
1375	526615.948	4708949.576	446.040
1376	526618.538	4708950.176	446.050
1377	526619.638	4708950.236	446.140
1378	526624.968	4708948.276	446.280
1379	526625.358	4708948.126	446.300
1380	526630.338	4708946.296	446.380
1381	526629.928	4708946.336	446.330
1382	526587.278	4708955.706	446.500
1383	526581.008	4708955.726	446.710
1384	526577.058	4708954.606	446.650
1385	526570.528	4708953.386	446.780
1386	526567.198	4708952.716	446.810
1387	526564.298	4708952.026	446.940
1388	526563.008	4708951.616	446.980
1389	526558.258	4708950.766	446.930
1390	526554.948	4708950.246	446.950
1391	526551.728	4708949.586	446.970
1392	526548.398	4708948.826	447.220
1393	526545.468	4708948.336	447.230
1394	526542.308	4708947.636	447.310
1395	526538.858	4708947.066	447.270
1396	526535.728	4708946.386	447.410
1397	526532.628	4708945.786	447.460
1398	526527.198	4708944.786	447.450
1399	526534.758	4708937.246	446.860
1400	526515.698	4708933.386	446.960

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
1401	526510.388	4708932.016	446.950
1402	526498.128	4708925.546	446.170
1403	526498.968	4708930.246	446.360
1404	526489.978	4708929.136	445.700
1405	526481.738	4708923.586	444.990
1406	526482.288	4708927.646	445.290
1407	526478.968	4708927.186	445.050
1408	526476.568	4708926.766	444.830
1409	526473.718	4708926.226	444.630
1410	526468.958	4708925.816	444.230
1411	526466.648	4708925.046	444.150
1412	526464.558	4708925.436	443.990
1413	526451.118	4708921.336	443.140
1414	526446.938	4708920.456	442.860
1415	526446.138	4708921.716	442.780
1416	526444.068	4708928.126	443.330
1417	526447.918	4708923.086	443.120
1418	526463.488	4708931.966	444.480
1419	526481.108	4708936.556	445.670
1420	526510.398	4708941.466	447.020
1421	526510.288	4708940.446	446.970
1422	526523.118	4708943.896	448.120
1423	526520.408	4708945.966	448.140
1424	526518.688	4708945.706	448.140
1425	526515.648	4708945.136	447.390
1426	526517.018	4708942.966	447.350
1427	526516.058	4708946.526	448.140
1428	526512.138	4708942.106	447.360
1429	526512.018	4708941.956	447.330
1430	526363.668	4708852.816	437.480
1431	526379.598	4708872.356	438.880
1432	526376.078	4708879.126	439.150
1433	526376.748	4708879.656	439.150
1434	526377.238	4708880.146	439.150
1435	526378.728	4708877.086	439.050
1436	526387.598	4708881.796	439.450
1437	526400.478	4708907.686	441.050
1438	526403.818	4708912.386	440.990
1439	526407.818	4708915.806	441.110
1440	526416.558	4708916.016	441.820
1441	526444.728	4708919.956	442.860
1442	526444.228	4708919.736	442.820
1443	526439.208	4708917.876	442.180
1444	526446.678	4708920.416	442.830
1445	526385.588	4708867.216	438.110
1446	526383.148	4708861.266	437.930
1447	526383.038	4708861.196	437.910
1448	526379.728	4708857.146	437.830
1449	526371.738	4708851.696	437.180
1450	526368.798	4708845.566	436.760

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
1451	526360.768	4708822.496	435.780
1452	526361.218	4708821.946	435.820
1453	526359.098	4708821.376	435.750
1454	526362.078	4708833.416	436.140
1455	526362.158	4708833.526	436.620
1456	526364.318	4708837.706	436.680
1457	526367.238	4708836.146	436.760
1458	526360.678	4708829.756	436.050
1459	526344.308	4708824.646	435.800
1460	526343.518	4708824.356	435.900
1461	526338.518	4708813.106	435.300
1462	526333.248	4708801.386	434.660
1463	526351.888	4708803.196	434.570
1464	526348.238	4708807.106	434.700
1465	526347.558	4708804.046	434.460
1466	526344.998	4708804.566	434.500
1467	526342.518	4708805.146	434.490
1468	526327.878	4708801.286	434.550
1469	526328.188	4708801.576	434.580
1470	526328.798	4708802.826	434.640
1471	526331.938	4708804.616	434.770
1472	526333.408	4708805.296	434.840
1473	526928.658	4708861.606	443.980
1474	526919.658	4708860.936	443.680
1475	526909.218	4708860.836	443.250
1476	526898.968	4708860.866	442.660
1477	526885.668	4708861.436	442.010
1478	526878.398	4708861.536	441.660
1479	526879.568	4708868.586	441.660
1480	526885.758	4708868.766	442.000
1481	526887.268	4708868.866	442.140
1482	526888.688	4708869.456	442.280
1483	526889.198	4708870.386	442.450
1484	526889.148	4708871.146	442.550
1485	526887.048	4708872.236	442.640
1486	526884.118	4708873.446	442.720
1487	526875.628	4708875.756	442.850
1488	526862.338	4708883.486	443.000
1489	526849.948	4708886.906	443.080
1490	526834.348	4708891.086	443.130
1491	526819.798	4708894.816	443.450
1492	526808.088	4708897.656	443.840
1493	526797.968	4708900.116	444.280
1494	526790.728	4708901.556	444.650
1495	526779.778	4708903.226	445.210
1496	526766.958	4708905.436	446.010
1497	526762.968	4708906.536	446.250
1498	526759.118	4708907.806	446.490
1499	526741.538	4708913.366	447.220
1500	526726.448	4708918.876	447.170

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
1501	526710.808	4708924.416	446.880
1502	526700.108	4708928.206	446.740
1503	526671.758	4708938.396	446.170
1504	526656.178	4708944.306	446.110
1505	526642.658	4708949.556	446.140
1506	526626.938	4708955.056	446.190
1507	526619.358	4708957.196	446.250
1508	526615.978	4708957.726	446.290
1509	526607.908	4708957.646	446.390
1510	526610.948	4708957.806	446.340
1511	526605.368	4708957.486	446.370
1512	526595.808	4708956.576	446.420
1513	526451.268	4708927.696	443.280
1514	526446.688	4708926.626	443.080
1515	526481.758	4708929.746	445.250
1516	526493.578	4708932.016	445.960
1517	526504.598	4708933.916	446.610
1518	526523.428	4708937.976	447.180
1519	526535.428	4708940.586	447.270
1520	526544.528	4708942.556	447.120
1521	526562.878	4708946.506	446.810
1522	526583.248	4708950.526	446.460
1523	526596.368	4708952.976	446.340
1524	526601.418	4708953.296	446.220
1525	526603.108	4708951.736	446.100
1526	526604.088	4708950.096	445.910
1527	526604.178	4708948.276	445.660
1528	526603.258	4708946.146	445.540
1529	526596.818	4708939.956	445.290
1530	526588.618	4708932.856	445.080
1531	526585.028	4708929.786	444.970
1532	526572.998	4708920.976	444.980
1533	526566.628	4708915.196	445.050
1534	526562.388	4708910.356	445.150
1535	526558.538	4708905.256	445.380
1536	526554.238	4708898.096	445.660
1537	526550.548	4708890.956	445.890
1538	526546.798	4708881.946	446.240
1539	526542.148	4708869.406	446.750
1540	526539.498	4708861.736	447.190
1541	526537.038	4708853.296	447.740
1542	526535.268	4708847.796	448.030
1543	526532.678	4708842.406	448.210
1544	526530.698	4708839.626	448.350
1545	526527.818	4708836.686	448.520
1546	526524.448	4708834.756	448.710
1547	526520.948	4708833.876	448.820
1548	526514.268	4708833.416	449.230
1549	526509.338	4708833.416	449.390
1550	526530.188	4708827.596	445.930



**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
1551	526534.098	4708831.796	446.060
1552	526537.198	4708836.456	446.140
1553	526540.878	4708845.306	446.350
1554	526919.648	4708865.236	443.590
1555	526909.468	4708864.626	443.170
1556	526899.538	4708864.536	442.760
1557	526885.688	4708864.836	442.020
1558	526878.848	4708865.016	441.720
1559	526721.988	4708915.856	447.100
1560	526718.458	4708916.426	447.140
1561	526717.438	4708916.576	447.130
1562	526716.178	4708916.596	447.100
1563	526714.708	4708916.216	447.100
1564	526702.318	4708919.376	447.020
1565	526701.858	4708920.366	446.920
1566	526701.198	4708921.456	446.850
1567	526700.148	4708922.646	446.770
1568	526697.248	4708929.186	446.700
1569	526639.278	4708944.596	446.110
1570	526618.858	4708951.336	446.080
1571	526619.668	4708953.386	446.130
1572	526600.678	4708958.496	446.450
1573	526600.858	4708957.166	446.370
1574	526612.768	4708959.046	446.240
1575	526593.538	4708962.576	446.650
1576	526594.538	4708961.156	446.620
1577	526595.518	4708958.206	446.520
1578	526426.608	4708921.316	442.170
1579	526427.278	4708919.776	441.900
1580	526418.258	4708914.376	441.360
1581	526417.408	4708915.276	441.370
1582	526398.238	4708903.406	440.880
1583	526400.198	4708901.476	440.730
1584	526402.278	4708899.476	440.360
1585	526404.098	4708900.586	440.340
1586	526398.588	4708894.476	439.960
1587	526367.388	4708854.906	437.350
1588	526367.618	4708853.766	437.170
1589	526359.038	4708845.516	436.790
1590	526360.038	4708844.806	436.740
1591	526337.848	4708826.086	435.970
1592	526336.088	4708818.616	435.540
1593	526334.198	4708809.016	435.050
1594	526411.478	4708897.606	440.540
1595	526409.538	4708899.396	440.390
1596	526416.478	4708904.136	440.650
1597	526429.198	4708920.776	442.010
1598	526428.448	4708921.926	442.200
1599	526450.958	4708929.026	443.430
1600	526446.338	4708928.006	443.200

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
1601	526457.778	4708928.976	443.690
1602	526469.298	4708938.936	445.150
1603	526471.538	4708932.876	444.650
1604	526468.738	4708932.306	444.550
1605	526465.758	4708931.766	444.390
1606	526473.768	4708933.266	444.760
1607	526474.098	4708932.066	444.750
1608	526480.528	4708933.286	445.210
1609	526480.658	4708934.856	445.390
1610	526481.048	4708936.546	445.700
1611	526598.588	4708937.566	445.210
1612	526599.288	4708936.806	445.200
1613	526506.468	4708838.326	449.600
1614	526505.928	4708834.726	449.520
1615	526502.088	4708834.866	449.480
1616	526501.718	4708832.346	449.490
1617	526500.038	4708832.296	449.470
1618	526499.968	4708833.236	449.480
1619	526499.638	4708833.576	449.490
1620	526494.208	4708833.226	449.490
1621	526492.928	4708831.636	449.440
1622	526490.658	4708831.816	449.480
1623	526489.378	4708832.976	449.480
1624	526482.728	4708832.556	449.450
1625	526479.588	4708832.206	449.340
1626	526478.408	4708831.406	449.400
1627	526454.108	4708806.026	448.320
1628	526591.568	4708961.936	446.660
1629	526592.768	4708959.856	446.600
1630	526594.068	4708957.366	446.530
1631	526593.588	4708956.376	446.430
1632	526589.968	4708956.066	446.480
1633	526581.218	4708954.716	446.570
1634	526527.268	4708936.056	446.950
1635	526525.328	4708935.586	446.990
1636	526519.538	4708934.516	447.070
1637	526516.898	4708934.006	447.010
1638	526509.388	4708931.826	446.750
1639	526509.008	4708934.736	446.810
1640	526444.158	4708926.066	442.910
1641	526443.808	4708927.266	443.010
1642	526520.918	4708942.486	447.340
1643	526520.808	4708942.336	447.310
1644	526516.718	4708941.536	447.250
1645	526513.748	4708940.986	447.170
1646	526513.778	4708940.316	447.060
1647	526512.208	4708939.756	446.990
1648	526511.898	4708941.406	447.320
1649	526514.728	4708947.196	448.150
1650	526440.598	4708918.686	442.460

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
1651	526440.178	4708920.066	442.330
1652	526439.898	4708920.916	442.390
1653	526333.278	4708804.126	434.800
1654	526888.558	4708870.516	442.340
1655	526883.258	4708872.406	442.630
1656	526875.488	4708874.546	442.640
1657	526868.448	4708876.186	442.800
1658	526863.638	4708875.376	442.710
1659	526860.698	4708875.186	442.540
1660	526839.998	4708878.176	441.940
1661	526830.858	4708879.836	441.860
1662	526819.648	4708880.516	441.850
1663	526811.058	4708882.016	441.910
1664	526849.468	4708882.616	442.970
1665	526832.688	4708886.836	443.080
1666	526818.628	4708890.336	443.380
1667	526804.708	4708893.636	443.700
1668	526806.338	4708890.816	442.480
1669	526795.398	4708895.796	444.190
1670	526793.928	4708893.196	442.900
1671	526773.458	4708889.636	442.810
1672	526788.728	4708896.776	444.610
1673	526780.048	4708898.396	445.030
1674	526771.348	4708899.736	445.730
1675	526767.748	4708899.056	445.910
1676	526772.438	4708913.306	449.670
1677	526771.968	4708909.386	449.200
1678	526773.128	4708909.006	449.220
1679	526780.478	4708908.416	448.910
1680	526784.808	4708906.476	447.510
1681	526787.108	4708906.906	446.960
1682	526797.078	4708904.776	447.110
1683	526805.908	4708907.236	447.630
1684	526809.238	4708908.406	447.840
1685	526766.028	4708915.706	449.850
1686	526762.818	4708912.476	448.400
1687	526758.838	4708911.556	447.830
1688	526754.068	4708912.086	447.880
1689	526739.798	4708908.316	446.970
1690	526724.238	4708915.266	447.050
1691	526721.598	4708914.896	447.000
1692	526619.028	4708967.166	446.600
1693	526615.898	4708963.636	446.520
1694	526614.208	4708960.696	446.210
1695	526612.238	4708960.096	446.160
1696	526609.708	4708959.656	446.340
1697	526609.128	4708958.016	446.320
1698	526611.338	4708958.536	446.200
1699	526613.508	4708958.526	446.190
1700	526614.688	4708958.556	446.270

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
1701	526615.858	4708959.686	446.220
1702	526416.798	4708915.736	441.910
1703	526418.518	4708917.726	442.200
1704	526426.338	4708921.786	442.370
1705	526396.778	4708892.236	439.830
1706	526390.708	4708885.196	439.450
1707	526387.768	4708881.436	439.300
1708	526387.878	4708880.896	439.020
1709	526389.138	4708879.996	438.910
1710	526384.048	4708874.996	438.540
1711	526382.868	4708875.876	438.850
1712	526381.858	4708874.556	438.790
1713	526380.238	4708872.616	438.670
1714	526379.638	4708870.936	438.120
1715	526377.018	4708867.476	437.690
1716	526372.368	4708862.106	437.630
1717	526366.908	4708855.256	437.380
1718	526363.968	4708852.136	437.080
1719	526362.528	4708849.966	437.060
1720	526356.498	4708842.166	436.600
1721	526350.798	4708834.706	436.230
1722	526348.138	4708831.866	436.210
1723	526345.528	4708829.016	436.030
1724	526342.398	4708824.616	436.120
1725	526340.398	4708822.206	435.960
1726	526337.768	4708823.086	435.970
1727	526428.178	4708922.596	442.460
1728	526433.498	4708924.636	442.650
1729	526441.918	4708928.456	443.320
1730	526480.408	4708934.566	445.320
1731	526592.978	4708927.876	444.520
1732	526593.918	4708925.706	444.450
1733	526592.958	4708922.416	444.200
1734	526530.998	4708842.036	449.240
1735	526533.118	4708846.396	449.200
1736	526534.908	4708852.206	449.320
1737	526534.938	4708856.386	449.630
1738	526535.708	4708861.236	449.990
1739	526539.258	4708869.746	449.680
1740	526542.518	4708877.236	448.640
1741	526544.688	4708882.466	447.910
1742	526548.308	4708889.996	446.860
1743	526550.788	4708895.856	446.510
1744	526557.778	4708907.206	445.800
1745	526563.898	4708915.756	445.590
1746	526574.708	4708924.896	445.520
1747	526582.678	4708930.396	445.510
1748	526590.608	4708937.176	445.690
1749	526598.668	4708944.686	445.930
1750	526601.348	4708947.966	446.110

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
1751	526886.488	4708870.146	442.030
1752	526883.808	4708870.356	441.720
1753	526881.148	4708870.716	441.500
1754	526928.758	4708872.436	443.840
1755	526924.318	4708872.666	443.700
1756	526919.458	4708873.106	443.560
1757	526915.778	4708873.566	443.350
1758	526912.658	4708874.266	443.330
1759	526904.528	4708878.006	443.130
1760	526902.578	4708879.096	443.270
1761	526897.518	4708877.796	443.060
1762	526889.198	4708880.556	442.910
1763	526881.008	4708880.716	442.870
1764	526876.338	4708880.726	442.810
1765	526873.228	4708881.116	442.690
1766	526901.138	4708884.836	445.170
1767	526901.758	4708883.006	445.170
1768	526903.318	4708880.926	445.350
1769	526812.808	4708902.546	444.960
1770	526810.598	4708901.266	444.590
1771	526809.558	4708899.766	444.120
1772	526809.028	4708898.426	443.680
1773	526768.708	4708891.306	443.650
1774	526772.498	4708894.326	444.040
1775	526777.258	4708896.936	444.600
1776	526766.268	4708915.086	448.770
1777	526619.358	4708966.816	446.320
1778	526616.398	4708963.086	446.230
1779	526395.398	4708899.566	440.800
1780	526392.518	4708896.106	440.580
1781	526386.988	4708889.786	440.420
1782	526384.958	4708888.676	439.270
1783	526378.368	4708871.806	437.880
1784	526452.088	4708930.416	443.650
1785	526456.188	4708931.696	443.900
1786	526457.418	4708930.206	443.740
1787	526471.278	4708934.766	444.840
1788	526472.138	4708933.576	444.750
1789	526538.238	4708939.876	446.820
1790	526544.468	4708941.496	446.640
1791	526562.888	4708945.556	446.360
1792	526583.398	4708949.566	446.030
1793	526591.978	4708951.046	445.930
1794	526599.828	4708952.176	446.280
1795	526592.568	4708928.996	444.170
1796	526593.508	4708927.776	443.780
1797	526594.938	4708925.366	443.470
1798	526595.368	4708925.586	443.450
1799	526589.818	4708924.696	444.010
1800	526583.158	4708921.106	443.470

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
1801	526575.318	4708914.366	442.970
1802	526570.468	4708909.786	443.080
1803	526565.518	4708902.946	443.090
1804	526562.948	4708898.456	443.080
1805	526559.728	4708892.696	443.080
1806	526557.118	4708887.096	443.080
1807	526554.098	4708876.416	443.120
1808	526552.058	4708868.196	443.000
1809	526550.308	4708858.316	442.930
1810	526530.688	4708856.636	449.540
1811	526534.808	4708855.986	449.520
1812	526928.858	4708872.056	443.770
1813	526924.178	4708871.696	443.640
1814	526919.678	4708871.466	443.510
1815	526915.508	4708871.456	443.240
1816	526869.698	4708882.266	442.700
1817	526862.728	4708884.446	442.800
1818	526849.988	4708888.156	442.750
1819	526834.978	4708892.096	442.990
1820	526820.378	4708895.466	443.270
1821	526812.068	4708897.766	443.480
1822	526799.268	4708901.076	443.800
1823	526790.688	4708902.516	444.470
1824	526780.118	4708903.956	444.960
1825	526768.008	4708906.146	445.820
1826	526768.978	4708908.726	446.480
1827	526769.818	4708913.796	448.250
1828	526763.168	4708907.206	446.050
1829	526759.458	4708908.516	446.300
1830	526741.868	4708914.366	446.780
1831	526727.208	4708919.536	446.740
1832	526711.718	4708925.046	446.500
1833	526700.568	4708928.876	446.520
1834	526697.278	4708929.986	446.500
1835	526687.218	4708933.576	446.090
1836	526671.898	4708939.326	445.790
1837	526656.338	4708945.176	445.860
1838	526642.918	4708950.396	445.820
1839	526627.438	4708955.936	445.820
1840	526619.968	4708958.466	445.830
1841	526619.518	4708952.516	446.070
1842	526620.288	4708952.466	446.110
1843	526623.258	4708951.726	446.130
1844	526629.088	4708949.996	446.130
1845	526631.218	4708949.296	446.130
1846	526631.918	4708949.076	446.080
1847	526615.398	4708961.106	446.020
1848	526614.248	4708959.916	445.810
1849	526613.228	4708959.346	445.590
1850	526609.788	4708958.656	445.840

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
1851	526600.858	4708958.016	445.900
1852	526426.968	4708920.476	441.340
1853	526424.038	4708918.886	441.290
1854	526420.468	4708916.886	441.110
1855	526417.778	4708915.056	440.870
1856	526411.448	4708908.636	440.960
1857	526404.478	4708900.416	440.340
1858	526404.168	4708900.676	440.360
1859	526404.268	4708900.376	440.150
1860	526400.608	4708896.326	439.810
1861	526399.078	4708894.266	439.620
1862	526397.258	4708891.706	439.180
1863	526391.278	4708884.556	438.760
1864	526388.298	4708881.076	438.320
1865	526383.198	4708874.886	438.100
1866	526380.978	4708871.816	437.840
1867	526379.948	4708870.556	437.780
1868	526377.398	4708867.036	437.620
1869	526372.868	4708861.776	437.120
1870	526367.258	4708854.906	436.970
1871	526364.598	4708851.816	436.790
1872	526363.038	4708849.526	436.640
1873	526359.388	4708845.076	436.420
1874	526356.568	4708841.616	436.310
1875	526350.758	4708834.006	436.020
1876	526348.778	4708831.426	435.920
1877	526347.398	4708829.236	435.850
1878	526351.968	4708821.446	435.610
1879	526354.478	4708824.446	435.750
1880	526428.838	4708921.556	441.680
1881	526433.068	4708923.326	441.830
1882	526601.388	4708945.186	445.270
1883	526596.028	4708940.516	445.040
1884	526588.648	4708933.766	444.400
1885	526588.278	4708933.476	444.170
1886	526587.908	4708933.216	444.450
1887	526584.708	4708930.576	444.630
1888	526572.458	4708921.736	444.720
1889	526565.908	4708915.676	444.580
1890	526561.638	4708910.726	444.750
1891	526557.948	4708905.866	445.040
1892	526553.598	4708898.536	445.430
1893	526549.968	4708891.316	445.660
1894	526546.078	4708882.096	446.020
1895	526541.598	4708869.616	446.750
1896	526538.918	4708861.686	447.200
1897	526536.568	4708853.536	447.580
1898	526534.828	4708848.266	447.910
1899	526532.378	4708842.756	448.150
1900	526530.478	4708840.036	448.240

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
1901	526527.328	4708837.246	448.370
1902	526524.398	4708835.376	448.560
1903	526520.868	4708834.366	448.840
1904	526488.268	4708825.956	449.300
1905	526463.528	4708805.556	448.600
1906	526456.218	4708807.386	448.590
1907	526456.138	4708807.086	448.590
1908	526463.448	4708805.266	448.620
1909	526449.068	4708802.916	448.220
1910	526453.098	4708801.906	448.270
1911	526591.248	4708961.516	446.370
1912	526592.058	4708959.406	446.180
1913	526592.958	4708957.416	446.020
1914	526591.518	4708957.076	446.310
1915	526587.398	4708956.476	446.400
1916	526581.938	4708955.206	446.500
1917	526581.068	4708955.086	446.550
1918	526577.098	4708954.226	446.550
1919	526570.608	4708952.796	446.680
1920	526533.878	4708937.556	446.870
1921	526529.718	4708936.896	447.010
1922	526443.858	4708926.756	442.480
1923	526440.188	4708925.666	442.140
1924	526367.868	4708846.026	436.770
1925	526363.688	4708840.816	436.590
1926	526359.488	4708836.066	436.360
1927	526335.998	4708802.566	434.710
1928	526333.698	4708803.996	434.800
1929	526336.038	4708806.036	434.920
1930	526929.148	4708871.316	443.840
1931	526924.108	4708870.846	443.710
1932	526919.568	4708870.686	443.540
1933	526916.358	4708870.636	443.370
1934	526915.518	4708870.816	443.310
1935	526912.838	4708871.446	443.150
1936	526910.548	4708871.386	443.100
1937	526904.688	4708874.436	443.090
1938	526885.838	4708880.286	442.770
1939	526881.138	4708879.976	442.790
1940	526876.388	4708879.696	442.830
1941	526870.028	4708881.376	442.900
1942	526863.998	4708876.206	442.820
1943	526856.918	4708874.856	442.250
1944	526849.718	4708876.506	442.070
1945	526845.338	4708877.646	442.040
1946	526840.108	4708879.336	441.930
1947	526831.588	4708881.166	441.880
1948	526819.738	4708882.166	441.890
1949	526859.318	4708880.206	442.930
1950	526849.208	4708883.236	443.050



**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
1951	526832.398	4708887.616	443.170
1952	526818.828	4708891.216	443.400
1953	526805.888	4708894.096	443.770
1954	526796.278	4708896.296	444.280
1955	526790.288	4708897.446	444.610
1956	526778.498	4708899.476	445.270
1957	526767.268	4708901.366	445.950
1958	526757.738	4708903.936	446.550
1959	526740.288	4708909.876	447.170
1960	526725.148	4708915.286	447.120
1961	526722.168	4708916.426	447.070
1962	526714.658	4708919.306	446.890
1963	526709.628	4708921.086	446.780
1964	526697.218	4708925.556	446.590
1965	526685.878	4708929.316	446.400
1966	526670.508	4708934.886	446.140
1967	526655.038	4708940.766	446.120
1968	526641.208	4708945.846	446.100
1969	526635.478	4708948.066	446.070
1970	526632.138	4708949.456	446.060
1971	526461.358	4708929.596	443.920
1972	526465.898	4708930.606	444.270
1973	526469.918	4708931.246	444.460
1974	526492.598	4708935.556	446.050
1975	526504.018	4708937.646	446.720
1976	526508.998	4708938.726	446.880
1977	526522.348	4708941.716	447.260
1978	526535.898	4708945.026	447.300
1979	526545.058	4708946.756	447.170
1980	526562.518	4708950.216	446.920
1981	526583.388	4708954.416	446.540
1982	526593.678	4708956.306	446.470
1983	526616.628	4708952.856	445.980
1984	526614.128	4708951.926	445.990
1985	526611.658	4708950.346	445.920
1986	526609.428	4708948.746	445.770
1987	526605.938	4708945.076	445.520
1988	526594.528	4708933.436	445.170
1989	526590.948	4708930.296	445.120
1990	526585.768	4708926.316	445.050
1991	526574.908	4708918.146	444.950
1992	526568.938	4708912.846	444.960
1993	526564.798	4708908.056	445.060
1994	526560.888	4708902.616	445.290
1995	526557.078	4708896.456	445.540
1996	526553.498	4708889.116	445.870
1997	526550.218	4708880.516	446.190
1998	526533.408	4708824.786	445.790
1999	526537.148	4708828.976	445.880
2000	526540.458	4708834.546	445.960

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
2001	526541.688	4708836.756	445.920
2002	526542.378	4708834.076	445.310
2003	526544.618	4708834.166	445.290
2004	526544.398	4708839.306	445.840
2005	526544.288	4708844.186	446.130
2006	526897.918	4708881.236	444.900
2007	526894.428	4708881.466	444.770
2008	526887.758	4708882.216	444.510
2009	526877.588	4708883.016	444.180
2010	526874.748	4708882.086	444.250
2011	526862.588	4708886.206	444.480
2012	526848.998	4708890.236	444.800
2013	526833.848	4708894.336	445.050
2014	526816.408	4708898.606	445.360
2015	526813.668	4708899.606	445.300
2016	526812.858	4708901.726	445.300
2017	526817.838	4708904.996	445.450
2018	526810.338	4708906.376	445.030
2019	526807.368	4708904.976	444.830
2020	526804.918	4708903.836	444.620
2021	526770.708	4708888.926	443.360
2022	526774.028	4708891.876	443.980
2023	526778.818	4708894.016	444.510
2024	526782.638	4708895.836	444.800
2025	526765.528	4708891.656	445.660
2026	526767.788	4708894.906	445.810
2027	526769.208	4708896.746	446.140
2028	526771.838	4708898.036	445.600
2029	526776.768	4708898.256	445.360
2030	526767.188	4708906.536	446.090
2031	526767.998	4708909.226	446.910
2032	526769.138	4708913.726	448.540
2033	526727.858	4708920.316	447.290
2034	526712.188	4708925.786	447.020
2035	526700.598	4708929.726	446.770
2036	526697.678	4708930.556	446.710
2037	526687.648	4708934.326	446.210
2038	526672.258	4708940.146	445.910
2039	526656.528	4708945.836	445.890
2040	526643.008	4708951.026	445.920
2041	526627.798	4708956.616	446.000
2042	526619.878	4708959.166	446.280
2043	526401.278	4708900.516	440.670
2044	526395.728	4708893.296	440.520
2045	526389.908	4708887.176	440.300
2046	526812.468	4708903.166	445.000
2047	526809.518	4708901.776	444.610
2048	526807.108	4708900.046	444.240
2049	526860.938	4708879.776	442.880
2050	526858.338	4708879.306	442.630

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
2051	526850.978	4708880.726	442.370
2052	526840.738	4708883.086	442.210
2053	526832.628	4708885.156	442.090
2054	526822.168	4708886.026	442.010
2055	526766.958	4708914.986	448.590
2056	526544.968	4708852.166	446.420
2057	526545.418	4708856.416	446.710
2058	526546.068	4708863.166	446.810
2059	526546.748	4708867.896	446.700
2060	526813.938	4708907.916	445.320
2061	526809.558	4708905.616	444.940
2062	526805.428	4708903.106	444.630
2063	526799.358	4708900.446	444.290
2064	526424.288	4708918.176	441.710
2065	526420.808	4708916.106	441.540
2066	526415.368	4708911.776	441.210
2067	526408.958	4708904.586	440.670
2068	526404.868	4708899.686	440.310
2069	526399.838	4708893.466	439.890
2070	526398.048	4708891.236	439.740
2071	526392.008	4708883.876	439.220
2072	526386.818	4708877.046	438.710
2073	526384.528	4708874.336	438.530
2074	526381.608	4708870.976	438.280
2075	526377.928	4708866.526	437.960
2076	526373.648	4708861.146	437.560
2077	526370.528	4708857.336	437.360
2078	526365.598	4708851.316	437.080
2079	526363.608	4708848.996	436.940
2080	526361.598	4708846.646	436.820
2081	526356.918	4708841.256	436.510
2082	526363.918	4708843.426	436.760
2083	526370.718	4708851.816	437.240
2084	526376.408	4708858.876	437.640
2085	526385.198	4708869.746	438.330
2086	526395.868	4708882.866	439.270
2087	526404.288	4708893.026	439.950
2088	526414.578	4708905.466	440.800
2089	526416.408	4708907.516	440.950
2090	526419.978	4708910.886	441.190
2091	526423.738	4708913.336	441.420
2092	526428.588	4708916.136	441.690
2093	526434.698	4708918.916	442.040
2094	526433.468	4708922.716	442.260
2095	526542.328	4708851.736	446.580
2096	526542.778	4708856.586	446.790
2097	526543.218	4708862.036	447.050
2098	526540.538	4708852.316	447.810
2099	526538.728	4708846.096	448.180
2100	526535.568	4708838.846	448.480

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
2101	526533.078	4708836.016	448.640
2102	526530.048	4708833.506	448.780
2103	526526.848	4708831.136	448.910
2104	526523.358	4708828.656	449.110
2105	526813.768	4708908.386	445.050
2106	526806.828	4708905.246	444.520
2107	526804.618	4708904.346	444.370
2108	526799.878	4708902.216	444.240
2109	526799.238	4708901.856	444.160
2110	526768.508	4708900.116	445.680
2111	526767.038	4708900.356	445.690
2112	526757.368	4708902.966	446.270
2113	526739.958	4708909.066	446.860
2114	526725.188	4708914.356	446.580
2115	526411.158	4708908.896	440.940
2116	526341.958	4708810.346	435.240
2117	526350.648	4708820.826	435.610
2118	526350.558	4708820.936	435.620
2119	526351.188	4708821.706	435.650
2120	526351.308	4708821.656	435.620
2121	526353.988	4708824.906	435.740
2122	526357.748	4708835.386	436.230
2123	526451.018	4708928.396	443.120
2124	526446.568	4708927.586	442.860
2125	526457.648	4708929.676	443.280
2126	526461.078	4708930.356	443.660
2127	526465.638	4708931.266	443.990
2128	526465.788	4708931.326	444.250
2129	526469.618	4708931.946	444.470
2130	526471.678	4708932.346	444.580
2131	526471.688	4708932.556	444.580
2132	526471.738	4708932.166	444.580
2133	526473.918	4708932.556	444.750
2134	526473.848	4708932.946	444.760
2135	526473.978	4708932.876	444.380
2136	526480.368	4708933.986	444.760
2137	526588.478	4708933.156	444.160
2138	526449.208	4708803.346	448.220
2139	526453.208	4708802.336	448.260
2140	526593.558	4708957.306	445.910
2141	526367.298	4708846.466	436.740
2142	526363.348	4708841.666	436.540
2143	526358.318	4708836.086	436.260
2144	526333.638	4708803.136	434.750
2145	526336.438	4708805.516	434.910
2146	526337.758	4708806.506	434.990
2147	526799.628	4708901.606	444.320
2148	526799.148	4708900.506	444.220
2149	526799.378	4708901.696	444.200
2150	526763.588	4708907.606	446.380

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
2151	526719.778	4708913.646	446.960
2152	526715.668	4708915.066	447.170
2153	526711.988	4708914.616	447.160
2154	526702.018	4708918.276	447.180
2155	526700.568	4708918.556	447.070
2156	526699.618	4708921.006	446.960
2157	526692.228	4708923.706	446.760
2158	526685.258	4708926.266	446.750
2159	526684.888	4708926.426	446.760
2160	526677.528	4708929.086	446.530
2161	526669.808	4708931.916	446.540
2162	526669.438	4708932.046	446.530
2163	526662.048	4708934.656	446.340
2164	526653.988	4708937.656	446.330
2165	526646.208	4708940.506	446.270
2166	526638.748	4708943.316	446.400
2167	526410.918	4708920.556	441.280
2168	526416.498	4708915.506	441.360
2169	526415.008	4708917.326	442.160
2170	526411.768	4708920.266	442.220
2171	526374.528	4708874.846	438.990
2172	526379.198	4708872.906	438.840
2173	526370.228	4708861.886	437.580
2174	526365.788	4708856.456	437.580
2175	526361.548	4708851.226	436.850
2176	526345.288	4708808.456	434.730
2177	526342.268	4708809.816	435.230
2178	526344.198	4708812.166	435.350
2179	526344.708	4708812.776	435.410
2180	526348.058	4708816.846	435.480
2181	526359.458	4708818.076	435.810
2182	526389.578	4708870.376	438.370
2183	526407.608	4708892.206	439.980
2184	526416.998	4708903.676	440.620
2185	526417.238	4708903.936	440.620
2186	526420.788	4708907.716	440.920
2187	526424.898	4708910.466	441.130
2188	526430.158	4708913.536	441.450
2189	526534.748	4708937.236	446.840
2190	526591.888	4708929.356	444.930
2191	526592.068	4708929.206	444.880
2192	526592.678	4708930.066	444.930
2193	526592.558	4708930.236	444.960
2194	526592.898	4708929.606	444.230
2195	526592.518	4708929.796	444.140
2196	526592.248	4708929.406	444.120
2197	526524.268	4708826.586	447.910
2198	526523.008	4708828.006	449.150
2199	526517.788	4708827.646	449.300
2200	526511.188	4708827.276	449.390

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
2201	526502.188	4708826.716	449.400
2202	526484.478	4708825.396	449.270
2203	526475.238	4708824.316	449.200
2204	526466.228	4708814.766	448.930
2205	526465.308	4708811.096	448.820
2206	526491.088	4708835.096	449.560
2207	526482.618	4708834.946	449.480
2208	526477.248	4708834.866	449.430
2209	526476.158	4708838.616	449.420
2210	526464.948	4708809.876	448.780
2211	526464.548	4708808.276	448.720
2212	526464.228	4708807.036	448.670
2213	526463.798	4708805.126	448.620
2214	526463.958	4708796.396	447.840
2215	526594.648	4708928.796	444.560
2216	526594.938	4708929.086	444.660
2217	526602.588	4708936.546	445.630
2218	526608.548	4708942.366	445.800
2219	526615.668	4708949.256	446.040
2220	526619.258	4708950.406	446.130
2221	526582.038	4708955.886	446.690
2222	526574.118	4708954.456	446.670
2223	526565.848	4708952.806	446.820
2224	526550.208	4708949.636	447.120
2225	526537.658	4708947.086	447.300
2226	526503.938	4708930.806	446.540
2227	526523.858	4708944.266	447.580
2228	526523.678	4708944.236	448.120
2229	526521.808	4708945.206	448.140
2230	526519.688	4708946.326	448.140
2231	526518.268	4708947.066	448.140
2232	526515.418	4708948.526	448.150
2233	526514.208	4708946.206	447.990
2234	526367.558	4708846.306	436.730
2235	526353.088	4708804.886	434.850
2236	526809.338	4708881.876	441.880
2237	526787.808	4708893.356	443.290
2238	526784.848	4708893.186	443.240
2239	526781.868	4708892.766	443.070
2240	526776.368	4708891.126	442.860
2241	526771.438	4708887.666	442.760
2242	526595.598	4708925.176	444.280
2243	526594.678	4708928.416	444.850
2244	526531.058	4708857.336	449.910
2245	526506.858	4708838.306	449.520
2246	526509.088	4708834.546	449.470
2247	526516.528	4708834.766	449.440
2248	526520.338	4708835.406	449.340
2249	526523.478	4708836.346	449.200
2250	526458.948	4708817.486	449.110

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
2251	526461.948	4708822.876	449.200
2252	526458.808	4708823.756	449.510
2253	526365.608	4708831.846	436.140
2254	526811.368	4708883.706	442.120
2255	526811.018	4708883.466	442.120
2256	526811.068	4708883.766	442.060
2257	526811.558	4708888.046	442.040
2258	526811.588	4708888.346	442.040
2259	526440.218	4708932.896	443.230
2260	526446.908	4708929.366	443.740
2261	526451.048	4708930.126	443.750
2262	526451.838	4708932.006	444.000
2263	526455.898	4708932.906	443.970
2264	526457.318	4708931.276	444.040
2265	526460.738	4708931.906	444.420
2266	526465.668	4708932.846	444.710
2267	526464.068	4708937.446	444.950
2268	526472.498	4708934.966	445.210
2269	526532.648	4708936.756	447.040
2270	526528.628	4708935.826	447.030
2271	526516.148	4708933.126	446.960
2272	526514.748	4708932.876	446.990
2273	526501.978	4708925.516	446.310
2274	526478.568	4708923.426	444.790
2275	526480.108	4708926.666	445.100
2276	526468.958	4708924.826	444.340
2277	526462.168	4708923.696	443.880
2278	526455.158	4708922.186	443.420
2279	526454.098	4708921.956	443.340
2280	526523.338	4708943.016	447.410
2281	526521.578	4708943.736	447.720
2282	526520.528	4708942.676	447.360
2283	526513.758	4708941.756	447.290
2284	526513.618	4708941.836	447.350
2285	526514.998	4708944.516	447.800
2286	526440.658	4708918.546	442.280
2287	526390.148	4708869.846	438.370
2288	526386.838	4708865.726	438.100
2289	526382.798	4708860.876	437.890
2290	526379.508	4708856.826	437.820
2291	526378.148	4708857.526	437.560
2292	526377.988	4708857.306	437.510
2293	526375.968	4708854.706	437.430
2294	526370.898	4708848.116	437.060
2295	526369.198	4708845.916	437.040
2296	526368.988	4708845.686	437.040
2297	526371.678	4708844.386	436.560
2298	526763.518	4708908.866	446.580
2299	526762.728	4708909.686	447.080
2300	526762.298	4708908.646	446.600

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
2301	526614.948	4708964.036	446.540
2302	526613.698	4708963.976	446.540
2303	526535.478	4708932.576	446.570
2304	526538.038	4708936.836	446.620
2305	526541.098	4708937.906	446.540
2306	526538.378	4708933.266	446.560
2307	526540.288	4708932.586	446.440
2308	526544.238	4708939.106	446.570
2309	526546.588	4708939.456	446.470
2310	526544.358	4708935.266	446.450
2311	526545.708	4708934.146	446.380
2312	526548.748	4708939.116	446.460
2313	526550.878	4708938.746	446.400
2314	526548.008	4708934.036	446.330
2315	526549.608	4708932.906	446.250
2316	526552.518	4708937.786	446.300
2317	526552.798	4708934.376	446.190
2318	526555.728	4708938.856	446.320
2319	526556.948	4708937.226	446.210
2320	526559.328	4708941.586	446.330
2321	526561.348	4708941.076	446.290
2322	526558.748	4708936.466	446.160
2323	526565.428	4708943.456	446.290
2324	526562.498	4708938.386	446.140
2325	526564.098	4708937.226	446.060
2326	526567.948	4708943.856	446.330
2327	526570.168	4708943.766	446.180
2328	526567.578	4708939.046	446.110
2329	526569.798	4708939.076	446.020
2330	526572.118	4708942.926	446.140
2331	526576.128	4708945.636	446.130
2332	526573.348	4708940.966	446.080
2333	526574.978	4708939.956	445.990
2334	526577.098	4708943.366	446.040
2335	526578.778	4708942.546	445.950
2336	526576.368	4708938.206	445.900
2337	526578.078	4708937.256	445.840
2338	526583.748	4708947.176	446.010
2339	526586.908	4708948.096	445.940
2340	526581.868	4708939.776	445.870
2341	526577.598	4708932.406	445.700
2342	526575.988	4708929.956	445.610
2343	526574.318	4708930.706	445.690
2344	526569.708	4708923.036	445.620
2345	526582.158	4708936.186	445.760
2346	526587.718	4708945.466	445.860
2347	526591.668	4708948.406	445.900
2348	526587.998	4708942.276	445.800
2349	526585.078	4708937.106	445.710
2350	526587.688	4708937.806	445.740



**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
2351	526593.878	4708947.636	445.910
2352	526594.068	4708944.366	445.830
2353	526591.858	4708940.826	445.750
2354	526594.738	4708941.836	445.760
2355	526598.508	4708948.306	446.120
2356	526574.958	4708910.476	442.860
2357	526558.458	4708886.616	443.120
2358	526556.508	4708876.726	442.960
2359	526515.918	4708944.986	447.380
2360	526514.518	4708942.286	447.290
2361	526514.238	4708942.436	447.300
2362	526716.758	4708909.376	446.040
2363	526719.068	4708912.796	446.420
2364	526639.118	4708945.506	446.030
2365	526634.928	4708947.156	446.020
2366	526632.008	4708948.396	446.030
2367	526631.208	4708947.876	446.130
2368	526627.538	4708948.846	446.120
2369	526620.998	4708950.816	446.100
2370	526459.748	4708805.956	448.590
2371	526463.898	4708804.946	448.620
2372	526357.738	4708836.076	436.340
2373	526354.678	4708838.456	436.370
2374	526351.078	4708833.686	436.110
2375	526347.418	4708828.626	435.890
2376	526346.818	4708828.986	435.870
2377	526345.668	4708827.306	435.880
2378	526343.888	4708824.716	435.840
2379	526342.938	4708823.336	435.760
2380	526336.998	4708823.196	435.760
2381	526337.918	4708822.236	435.720
2382	526340.538	4708821.196	435.710
2383	526343.778	4708812.496	435.320
2384	526347.648	4708817.176	435.480
2385	526347.948	4708816.736	435.490
2386	526458.458	4708816.496	448.880
2387	526458.848	4708816.456	448.880
2388	526463.018	4708821.696	449.060
2389	526466.758	4708825.446	449.160
2390	526473.838	4708831.446	449.350
2391	526452.508	4708802.516	448.250
2392	526329.558	4708806.846	434.770
2393	526331.998	4708816.006	435.250
2394	526334.158	4708824.226	435.660
2395	526334.998	4708827.326	435.900
2396	526452.388	4708802.096	448.260
2397	526451.478	4708798.446	448.350
2398	526528.868	4708839.756	449.140
2399	526526.318	4708837.636	449.160
2400	526520.578	4708942.776	447.360

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
2401	526515.638	4708945.366	447.380
2402	526455.718	4708805.636	448.420
2403	526456.858	4708810.156	448.640
2404	526458.488	4708816.616	448.980
2405	526459.428	4708835.206	449.500
2406	526471.138	4708832.056	449.480
2407	526471.818	4708834.546	449.460
2408	526498.798	4708837.516	449.740
2409	526491.818	4708838.826	449.740
2410	526452.028	4708795.206	447.900
2411	526448.668	4708799.256	448.340
2412	526449.028	4708807.306	448.310
2413	526590.718	4708961.246	446.670
2414	526591.358	4708957.936	446.570
2415	526587.368	4708957.106	446.570
2416	526527.408	4708935.546	447.040
2417	526524.268	4708934.806	447.160
2418	526524.288	4708934.756	447.150
2419	526519.908	4708933.916	447.240
2420	526516.128	4708933.176	446.960
2421	526374.468	4708877.846	439.000
2422	526383.868	4708889.606	439.270
2423	526398.888	4708909.186	441.260
2424	526401.328	4708911.956	441.040
2425	526403.688	4708914.586	441.020
2426	526406.138	4708917.276	441.230
2427	526362.918	4708825.766	435.870
2428	526363.848	4708827.846	436.050
2429	526365.248	4708830.996	436.110
2430	526365.628	4708831.876	436.770
2431	526367.288	4708835.496	436.750
2432	526371.298	4708844.276	436.770
2433	526332.548	4708800.736	434.640
2434	526336.438	4708802.466	434.690
2435	526342.208	4708801.596	434.580
2436	526351.158	4708800.136	434.560
2437	526352.328	4708803.436	434.580
2438	526453.448	4708806.186	448.330
2439	526445.048	4708920.836	442.830
2440	526443.588	4708920.456	442.720
2441	526443.728	4708919.906	442.720
2442	526445.188	4708920.286	442.830
2443	526444.578	4708926.696	443.010
2444	526445.938	4708927.016	443.050
2445	526445.788	4708927.656	443.050
2446	526444.428	4708927.336	443.010
2447	526485.058	4708937.266	445.720
2448	526490.278	4708938.196	446.040
2449	526493.938	4708938.876	446.540
2450	526497.888	4708939.596	446.610

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
2451	526503.868	4708940.676	446.850
2452	526510.378	4708941.836	447.020
2453	526510.838	4708942.806	447.250
2454	526521.188	4708943.866	448.140
2455	526516.198	4708946.466	448.130
2456	526336.268	4708802.996	434.790
2457	526337.388	4708802.856	434.730
2458	526337.338	4708802.456	434.730
2459	526336.488	4708805.976	434.900
2460	526467.128	4708927.066	444.310
2461	526811.168	4708883.446	442.060
2462	526811.738	4708888.326	442.050
2463	526464.088	4708800.896	448.550
2464	526463.988	4708800.896	448.550
2465	526464.158	4708796.596	447.840
2466	526466.448	4708796.636	447.840
2467	526463.988	4708805.076	448.620
2468	526463.898	4708805.096	448.620
2469	526464.238	4708806.076	448.650
2470	526464.458	4708806.976	448.680
2471	526466.408	4708814.686	448.930
2472	526468.558	4708818.266	449.050
2473	526471.158	4708821.246	449.130
2474	526474.298	4708823.776	449.190
2475	526475.258	4708824.116	449.200
2476	526484.748	4708825.306	449.280
2477	526484.758	4708825.176	449.280
2478	526484.508	4708825.146	449.270
2479	526484.498	4708825.196	449.270
2480	526488.388	4708825.746	449.280
2481	526495.018	4708826.136	449.360
2482	526502.198	4708826.516	449.400
2483	526511.198	4708827.076	449.390
2484	526512.568	4708827.146	449.390
2485	526517.798	4708827.446	449.300
2486	526522.928	4708827.796	449.090
2487	526524.118	4708826.456	447.910
2488	526477.248	4708835.066	449.430
2489	526475.318	4708834.756	449.400
2490	526476.348	4708838.566	449.420
2491	526490.918	4708835.296	449.560
2492	526482.618	4708835.146	449.480
2493	526491.618	4708838.866	449.740
2494	526492.138	4708841.616	449.740
2495	526565.808	4708953.006	446.820
2496	526574.078	4708954.656	446.670
2497	526580.978	4708955.926	446.710
2498	526581.998	4708956.076	446.690
2499	526587.328	4708957.296	446.570
2500	526586.878	4708959.456	446.570

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
2501	526550.168	4708949.836	447.120
2502	526537.618	4708947.286	447.300
2503	526533.058	4708934.586	446.640
2504	526534.358	4708936.956	446.830
2505	526532.698	4708936.566	447.040
2506	526528.678	4708935.636	447.030
2507	526497.848	4708939.846	446.610
2508	526503.828	4708940.926	446.850
2509	526510.198	4708942.066	447.020
2510	526510.608	4708942.916	447.250
2511	526493.888	4708939.126	446.540
2512	526490.228	4708938.446	446.040
2513	526485.018	4708937.516	445.720
2514	526471.448	4708935.046	444.860
2515	526481.068	4708936.806	445.700
2516	526469.958	4708939.276	445.180
2517	526510.098	4708931.956	446.950
2518	526510.448	4708931.726	446.950
2519	526510.158	4708931.666	446.890
2520	526510.138	4708931.756	446.890
2521	526509.428	4708931.626	446.750
2522	526514.798	4708932.576	446.990
2523	526515.098	4708932.626	446.990
2524	526515.078	4708932.726	446.980
2525	526515.048	4708932.926	446.990
2526	526478.338	4708923.536	444.790
2527	526479.668	4708926.336	445.060
2528	526468.998	4708924.576	444.340
2529	526462.208	4708923.446	443.880
2530	526502.188	4708925.436	446.310
2531	526504.108	4708930.636	446.540
2532	526451.168	4708921.096	443.140
2533	526454.148	4708921.716	443.340
2534	526455.208	4708921.946	443.420
2535	526446.978	4708920.206	442.860
2536	526446.708	4708920.166	442.830
2537	526440.698	4708918.456	442.460
2538	526440.738	4708918.366	442.280
2539	526439.298	4708917.696	442.180
2540	526430.248	4708913.356	441.450
2541	526424.998	4708910.296	441.130
2542	526420.898	4708907.546	440.920
2543	526418.128	4708904.716	440.680
2544	526446.868	4708929.616	443.740
2545	526450.868	4708930.356	443.750
2546	526457.408	4708931.556	444.040
2547	526460.688	4708932.156	444.420
2548	526465.328	4708933.046	444.690
2549	526463.828	4708937.366	444.950
2550	526440.448	4708932.986	443.230

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
2551	526407.758	4708892.076	439.980
2552	526411.688	4708896.826	440.770
2553	526412.018	4708897.006	440.810
2554	526411.798	4708896.736	440.810
2555	526398.408	4708880.706	439.140
2556	526389.858	4708870.396	438.370
2557	526390.428	4708869.866	438.380
2558	526386.998	4708865.596	438.100
2559	526417.258	4708903.436	440.620
2560	526417.498	4708903.696	440.620
2561	526417.378	4708903.806	440.650
2562	526375.518	4708868.786	437.700
2563	526378.758	4708872.756	437.920
2564	526343.648	4708829.806	436.300
2565	526361.318	4708851.416	436.850
2566	526365.558	4708856.646	437.580
2567	526352.028	4708821.206	435.610
2568	526344.348	4708812.036	435.350
2569	526342.588	4708809.886	435.190
2570	526344.638	4708812.426	435.410
2571	526344.718	4708812.346	435.410
2572	526344.928	4708812.566	435.410
2573	526348.068	4708816.416	435.520
2574	526348.278	4708816.636	435.480
2575	526348.208	4708816.716	435.480
2576	526348.318	4708807.286	434.700
2577	526353.358	4708804.976	434.860
2578	526432.181	4708848.737	447.261
2579	526431.282	4708849.443	445.734
2580	526430.468	4708849.724	444.769
2581	526430.028	4708849.860	444.703
2582	526431.685	4708852.151	444.779
2583	526432.115	4708851.700	444.864
2584	526439.622	4708862.211	444.476
2585	526439.293	4708862.578	444.488
2586	526446.781	4708873.025	444.150
2587	526447.071	4708872.595	444.218
2588	526452.810	4708881.324	444.215
2589	526453.152	4708880.892	444.206
2590	526457.506	4708887.299	444.414
2591	526457.331	4708887.648	444.373
2592	526433.416	4708847.781	447.787
2593	526435.087	4708846.594	447.820
2594	526433.483	4708847.708	447.787
2595	526432.846	4708847.895	447.777
2596	526432.883	4708848.087	447.781
2597	526429.985	4708849.675	447.809
2598	526430.013	4708849.510	447.810
2599	526427.360	4708846.175	447.807
2600	526428.703	4708847.463	447.793

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
2601	526428.147	4708846.658	447.807
2602	526431.621	4708844.319	447.758
2603	526433.885	4708842.292	447.828
2604	526432.932	4708840.248	447.838
2605	526436.773	4708845.389	447.841
2606	526438.038	4708847.058	447.969
2607	526436.372	4708848.082	447.908
2608	526434.823	4708849.349	447.902
2609	526434.375	4708849.679	447.947
2610	526438.691	4708855.190	447.920
2611	526439.323	4708854.649	447.914
2612	526440.733	4708853.579	447.948
2613	526442.018	4708852.500	448.025
2614	526441.863	4708852.623	448.030
2615	526442.142	4708852.526	448.008
2616	526444.228	4708855.471	447.984
2617	526442.874	4708860.020	447.933
2618	526443.235	4708859.616	447.937
2619	526444.323	4708858.842	447.980
2620	526445.729	4708858.167	447.997
2621	526446.133	4708857.974	448.022
2622	526448.145	4708860.643	448.109
2623	526447.777	4708866.591	447.852
2624	526448.415	4708866.288	447.808
2625	526449.549	4708865.340	447.909
2626	526451.060	4708864.746	447.932
2627	526450.675	4708864.990	447.931
2628	526452.369	4708867.465	447.821
2629	526452.985	4708867.383	447.890
2630	526455.503	4708871.996	447.534
2631	526455.256	4708872.414	447.394
2632	526454.215	4708873.330	447.366
2633	526453.354	4708874.230	447.324
2634	526452.896	4708874.656	447.299
2635	526457.817	4708883.149	446.325
2636	526458.693	4708882.889	446.321
2637	526459.696	4708882.340	446.321
2638	526460.901	4708881.617	446.300
2639	526461.507	4708881.362	446.472
2640	526465.945	4708888.907	445.598
2641	526470.125	4708896.085	445.178
2642	526466.352	4708888.645	445.672
2643	526460.785	4708892.726	444.030
2644	526459.418	4708894.412	442.996
2645	526459.484	4708894.703	443.059
2646	526463.680	4708892.330	445.362
2647	526464.329	4708892.226	445.324
2648	526466.040	4708891.851	445.445
2649	526467.831	4708891.680	445.482
2650	526472.538	4708899.532	444.973

**LISTADO DE PUNTOS**

<b>PUNTO</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
2651	526470.979	4708900.423	444.916
2652	526469.880	4708901.207	444.877
2653	526469.487	4708901.325	444.769
2654	526468.286	4708902.091	443.687
2655	526471.560	4708908.875	443.977
2656	526472.886	4708908.522	444.693
2657	526473.640	4708908.738	444.724
2658	526475.348	4708908.247	444.739
2659	526476.766	4708907.104	444.797
2660	526484.683	4708911.424	445.522
2661	526479.679	4708912.596	444.847
2662	526482.153	4708919.016	444.981
2663	526480.112	4708918.411	444.868
2664	526477.949	4708920.655	444.754
2665	526476.598	4708919.433	444.447
2666	526478.246	4708919.075	444.809
2667	526480.368	4708924.689	445.030
2668	526480.607	4708926.579	445.099
2669	526480.067	4708926.699	445.097
2670	526486.351	4708928.217	445.505
2671	526489.969	4708925.553	445.568
2672	526497.745	4708922.612	446.298
2673	526502.837	4708931.331	446.520
2674	526501.796	4708931.016	446.581